




STAPLE

LAND SURVEYOR'S CERTIFICATE OF THE CORNER HEIGHTS AND BOUNDARY LENGTHS OF LOT 22			
CORNER HEIGHTS IN METRES		BOUNDARY LENGTHS IN MILLIMETRES	
A	350	AB	40000
B	351	BC	48000
C	349	CD	23340
D	349	DE	7500
E	349	EA	44560

- SYMBOL LEGEND:**
1. PALM TREE 
 2. EVERGREEN TREE 
 3. PARKING FOR PEOPLE WITH DISABILITIES 

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

ANSWER 21
In the space below, draw, in neat freehand, the SANS 10143 graphical symbol for:
(a) SHOWER (elevation and plan)
(b) SOCKET OUTLET

(a) SHOWER (elevation and plan)

(b) SOCKET OUTLET

2	04/02/2023	REPLACE 150 CONCRETE APRON
1	30/01/2023	NEW ENTRANCE ADDED

REVISION	DATE	DESCRIPTION
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ACE ARCHITECTS
17 ALPINE ROAD
SPRINGFIELD
4091

ACEARC@AFRICA.COM
031 208 2456

PRINTED BY: PRINTFRIEND PRINTERS
DATE OF PRINT: 05/02/2023

DRAWING TITLE:
SITE PLAN

PROJECT:
PROPOSED NEW FAST-FOOD OUTLET AND COVERED WALKWAY FOR LAHRIE AND ASSOCIATES, LOT 22, 7th AVENUE, KLOOF

PROJECT NUMBER: 72846-23
DRAWING NUMBER: LA-787976

DATE: 28/01/2023
DRAWN: S MOTALA
CHECKED: A BUX
SCALE: 1 : 450

REFERENCE CODE:
12183124

QUESTION 1: ANALYTICAL (CIVIL)

Given:

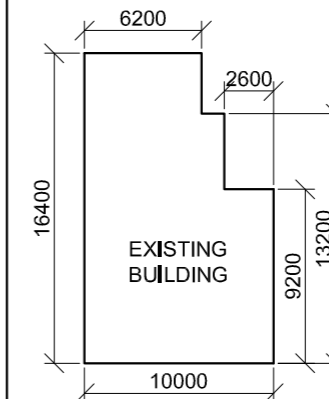
The site plan of an existing service station with a proposed new fast-food outlet and a covered walkway, a title panel and a table of questions. The drawing is not presented to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing, title panel and civil content. **[30]**

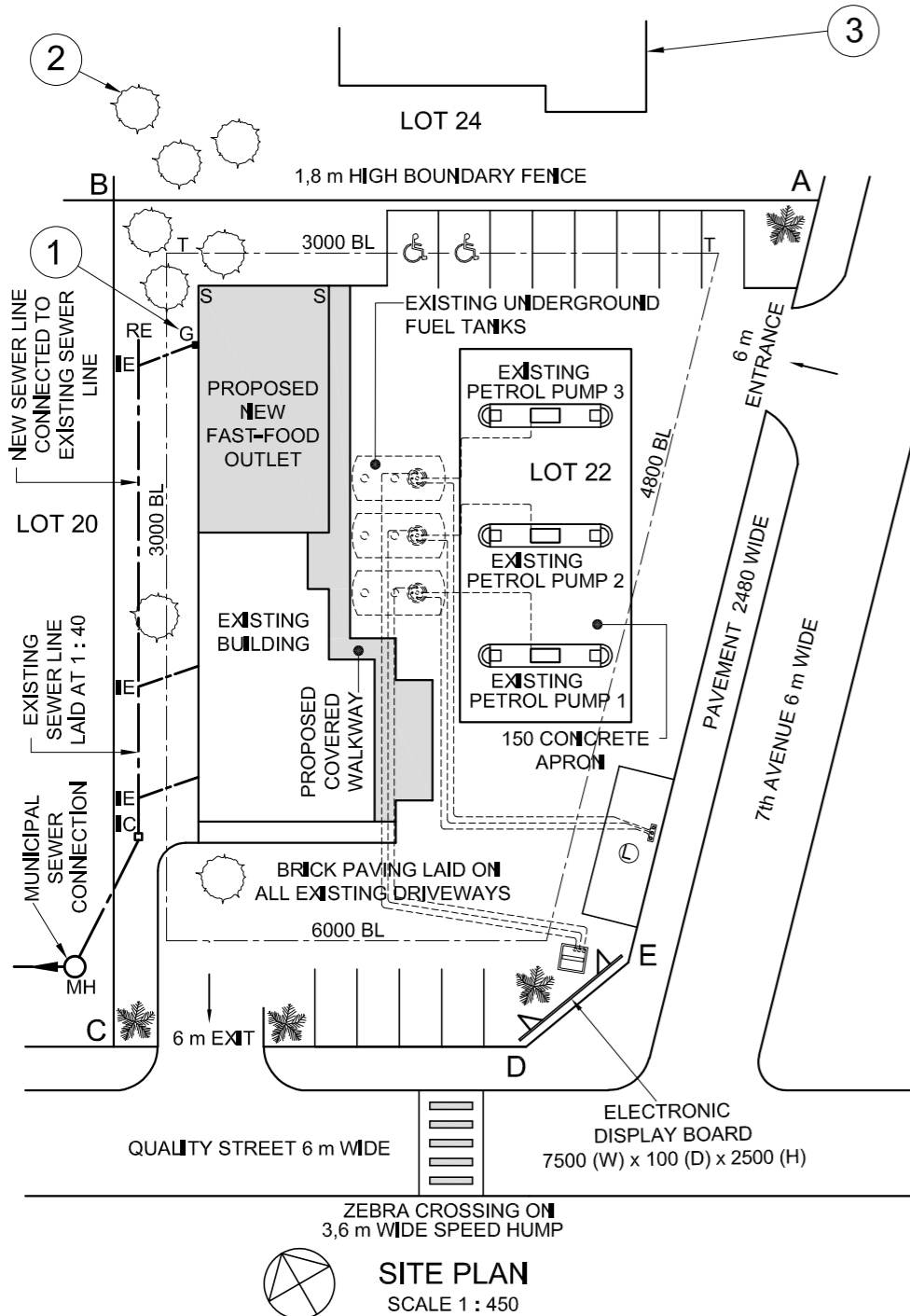
QUESTIONS		ANSWERS	
1	What is the e-mail address of the architectural firm?	1	
2	What scale is indicated for the site plan?	1	
3	When was the first revision made to the drawing?	1	
4	Into which street does the service station exit?	1	
5	What is the height of the highest corner of LOT 22 in metres?	1	
6	What is the finish on all the existing driveways?	1	
7	How many existing underground fuel tanks are shown?	1	
8	On what feature in the road is the zebra crossing?	1	
9	What is the fall of the existing sewer line?	1	
10	What is the height of the electronic display board in millimetres?	1	
11	What does the abbreviation G at 1 stand for?	1	
12	Name the feature at 2.	1	
13	What does the feature at 3 indicate?	1	
14	To what must the new sewerage line be connected?	1	
15	What is the thickness of the concrete apron in metres?	1	
16	In what colour must new walkways be indicated on site plans?	1	
17	Which elevation of the new fast-food outlet faces 7th Avenue?	2	
18	If wall S-S on the new fast-food outlet is 4,8 m from boundary line AB, how far is it from building line T-T in millimetres?	2	
19	In the space below (ANSWER 19), determine the perimeter of LOT 22 in metres.	3	
20	In the space below (ANSWER 20), determine the total area of the existing building in square metres.	3	
21	In the space in the title panel (ANSWER 21), draw, in neat freehand, the SANS 10143 graphical symbol for: (a) SHOWER (elevation and plan) and (b) SOCKET OUTLET.	4	
TOTAL		30	

ANSWER 19
Show ALL calculations.
(Do NOT round off the answer.)



ANSWER 20
Show ALL calculations.
(Do NOT round off the answer.)

EXAMINATION NUMBER	
EXAMINATION NUMBER	2



SITE PLAN
SCALE 1 : 450



LAND SURVEYOR'S CERTIFICATE OF THE CORNER HEIGHTS AND BOUNDARY LENGTHS OF STAND 3414			
CORNER HEIGHTS IN METRES		BOUNDARY LENGTHS IN MILLIMETRES	
A	1600	AB	24230
B	1600	BC	8370
C	1599	CD	18380
D	1599	DE	31200
E	1601	EA	32400

SYMBOL LEGEND	
	EVERGREEN TREES
	BUSHES
	2000 HIGH SECURITY FENCE
	1800 HIGH PALLISADE FENCE

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

ANSWER 18

In the space below, draw, in neat freehand, the SANS 10143 hatching (symbol) for a (18.1) FACE BRICK WALL, and graphical symbol for a (18.2) STAIRCASE.

18.1

18.2

2	07/01/22	ADD WATER METER	USA B
1	06/01/22	COLOUR NEW ADDITION RED	USA B
REVISION	DATE	DESCRIPTION	DRAWN

KOMBELLA, JOUBERT & MINNAAR
ARCHITECTURAL DESIGN
365 BORCHARDS AVENUE
ERASMA
0183
012 685 1857 www.kjmdesign.co.za

PRINTED BY: STEVENS PRINTERS
DATE OF PRINT: 08/01/2022

DRAWING TITLE:
SITE PLAN

PROJECT:
PROPOSED NEW ADDITION FOR
MR N KEENAN
ON STAND 3414,
21 DOMBEYA STREET, HARRISMITH

PROJECT NUMBER: FTW2022-59
DRAWING NUMBER: 1 OF 5

DATE: 05/01/2022
DRAWN: CASPER
CHECKED: ANNIE Q
SCALE: 1 : 350

REFERENCE CODE:
K1N-2022

QUESTION 1: ANALYTICAL (CIVIL)

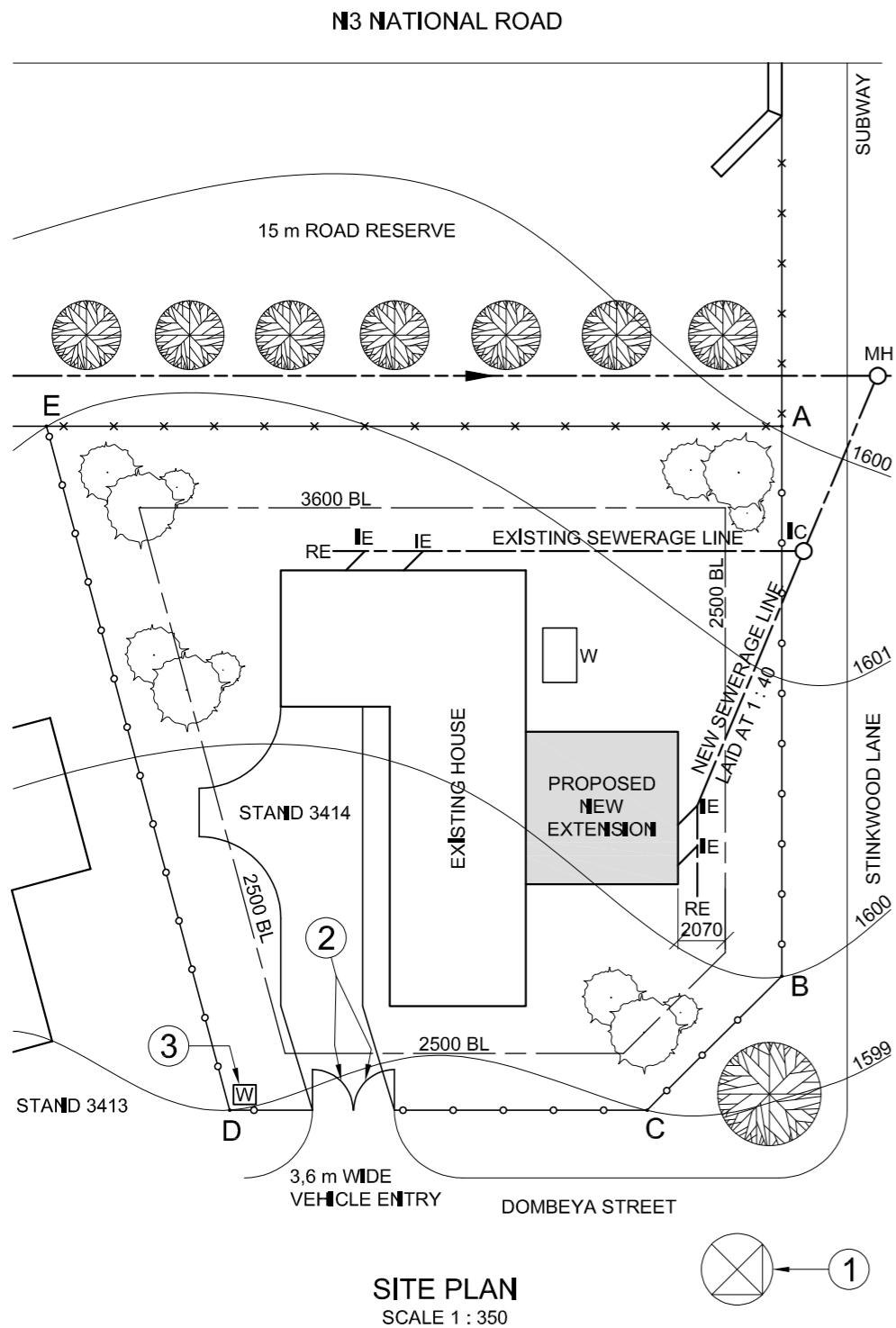
Given:

The site plan of an existing house with a proposed new extension, a title panel and a table of questions. The drawing has not been presented to the indicated scale.

Instructions:

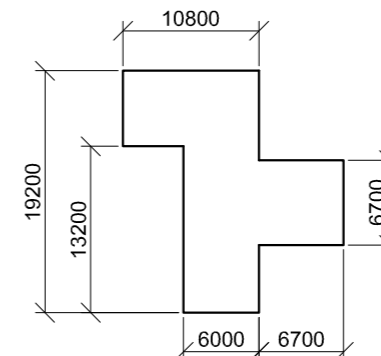
Complete the table below by neatly answering the questions, which refer to the accompanying drawing, title panel and civil content. **[30]**

QUESTIONS		ANSWERS	
1	What does the number FTW2022-59 refer to?	1	
2	Who is the client?	1	
3	What is the title of the drawing?	1	
4	What action was taken on 08/01/2022?	1	
5	Who was responsible for preparing the revisions to the drawing?	1	
6	How wide is the road reserve in millimetres?	1	
7	Whose signatures are required on the site plan?	2	
8	How many new inspection eyes are shown on the site plan?	1	
9	What does the abbreviation RWDP stand for?	1	
10	Which corner of STAND 3414 is the highest?	1	
11	Determine the shortest distance from the proposed new extension to boundary line AB in metres.	1	
12	What is indicated in BLUE on floor plans and/or sections?	2	
13	Name the feature at 1.	1	
14	What is indicated by the arcs at 2?	1	
15	Name the feature at 3.	1	
16	What does the ratio 1 : 40 on the new sewerage line indicate?	1	
17	Which elevation of the existing house faces the N3 national road?	2	
18	In the space in the title panel (ANSWER 18), draw, in neat freehand, the SANS 10143 hatching (symbol) for a (18.1) FACE BRICK WALL, and graphical symbol for a (18.2) STAIRCASE.	4	
19	In the space below (ANSWER 19), determine the total length of the 1800 high pallisade fence required for STAND 3414, in metres.	3	
20	In the space below (ANSWER 20), determine the total area of the house, including the new extension, in square metres. Show the answer to TWO decimal places.	3	
TOTAL		30	



ANSWER 19
Show ALL calculations.

ANSWER 20
Show ALL calculations.






EXAMINATION NUMBER	
EXAMINATION NUMBER	2

STAPLE

LAND SURVEYOR'S CERTIFICATE OF THE CORNER HEIGHTS AND BOUNDARY LENGTHS OF SUB-A AND SUB-B OF STAND 32.

CORNER HEIGHTS IN METRES		BOUNDARY LENGTHS IN METRES	
A	351,5	AB	38,16
B	349,2	BC	60
C	351,5	CD	38,16
D	352,2	DA	60
E	351,5	FD	33,8
F	351,7	EG	33,8
G	350,4	FG	34,56

SYMBOL LEGEND:

- SHRUBBERY 
- PALM TREES 
- DECIDUOUS TREES 

NOTE:

Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

ANSWER 20

In the space below, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a BIDET.



QUESTION 1: ANALYTICAL (CIVIL)

Given:

The site plan of newly subdivided STAND 32 with new boundary and building lines as well as a proposed new house and garage, a title panel and a table of questions. The drawing is not presented to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing, title panel and civil content. **[30]**

QUESTIONS		ANSWERS	
1	What is the project number?	1	
2	Who prepared the drawing?	1	
3	What is the date of the first revision?	1	
4	Name the company that printed the drawing.	1	
5	What size pipe is used for the new sewer line?	1	
6	What does the abbreviation IC at 1 stand for?	1	
7	What type of tree is indicated at 2?	1	
8	Name the constructed feature at 3.	1	
9	What is indicated by the arrow at 4?	1	
10	Name the feature at 5.	1	
11	How many inspection eyes are there on the proposed new house?	1	
12	In what colour should drain and soil pipes be indicated on drainage installation drawings?	1	
13	With reference to the building regulations, why should the existing outbuilding be demolished now?	2	
14	What is the fall of the existing sewer line?	1	
15	What is the shortest distance from the existing house to Austen Street in metres?	2	
16	With reference to the second revision, closest to which corner of SUB-B of STAND 32 should a new stormwater drain be placed?	1	
17	With reference to the north point, what is the direction of flow of the municipal sewer line?	2	
18	In the space below (ANSWER 18), determine the perimeter of SUB-B of STAND 32, including the new driveway, in metres.	3	
19	In the space below (ANSWER 19), determine the total area of the proposed new house in square metres.	3	
20	In the space in the title panel (ANSWER 20), draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a BIDET.	4	
TOTAL		30	

REVISION	DATE	DESCRIPTION
2	2021-02-14	ADD NEW STORM WATER DRAIN AT LOWEST CORNER
1	2021-01-23	INCREASE WIDTH OF DRIVEWAY

CLASSIC DESIGN ARCHITECTS
 459 CONCORD RD
 CAPE TOWN
 www.clasdes.co.za

PRINTED BY: DUPLEX PRINTING
 DATE OF PRINT: 2021-02-21

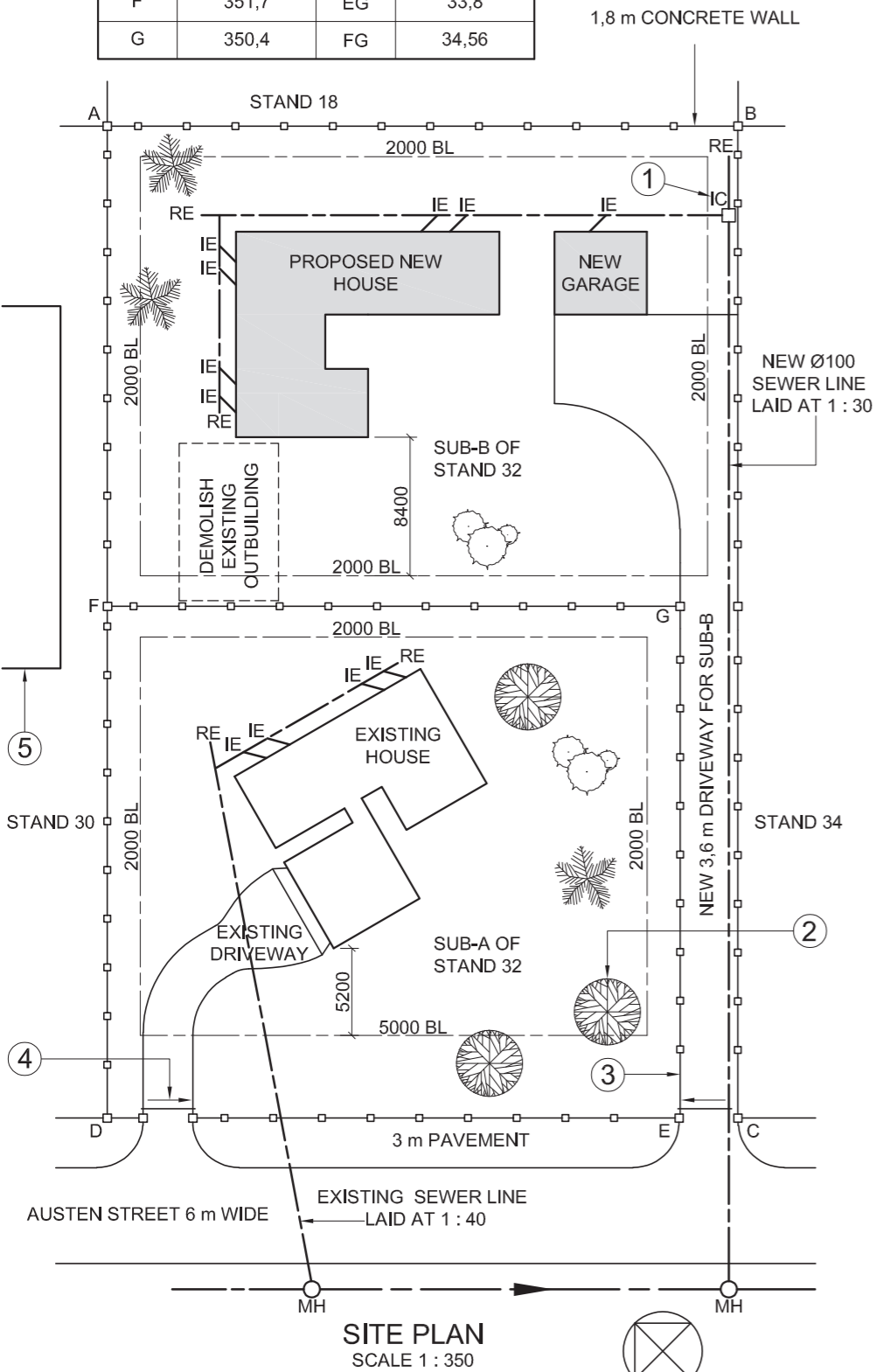
DRAWING TITLE:
SITE PLAN

PROJECT:
 PROPOSED NEW HOUSE AND GARAGE ON SUBDIVISION B OF STAND 32 FOR ROSS WATSON, 25 AUSTEN STREET, PIKETBERG, 1965

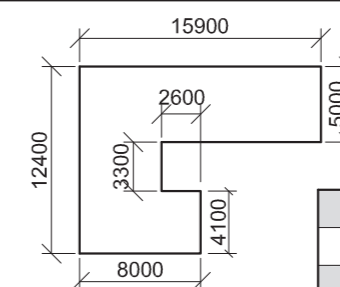
PROJECT NUMBER: JBV-500W
 DRAWING NUMBER: AAG-2121

DATE: 2021-01-10
 DRAWN: JOHN
 CHECKED: WAYNE
 SCALE: 1 : 350

REFERENCE CODE: Q1R-2021



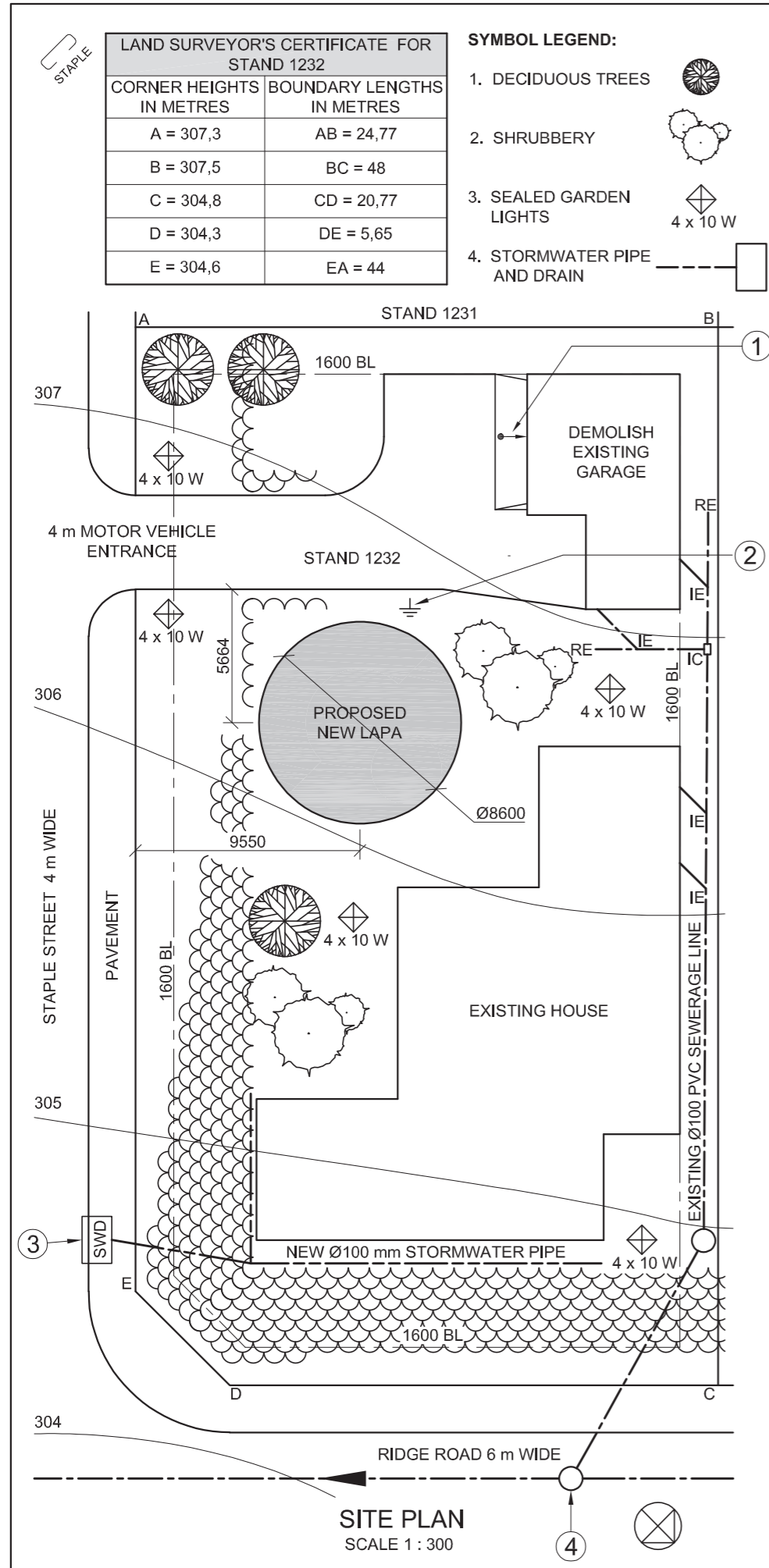
ANSWER 18. Show ALL calculations.



ANSWER 19. Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2





QUESTION 1: ANALYTICAL

Given:

The site plan of an existing house with a proposed new lapa, a title panel and a table of questions. The drawing is not presented to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing, title panel and civil content. **[30]**

QUESTIONS		ANSWERS	
1	What was Sheila responsible for?	1	
2	Who printed the drawing?	1	
3	What is the date of the second revision?	1	
4	What scale is indicated for the drawing?	1	
5	What is the web address of the architectural firm?	1	
6	How wide is Ridge Road in millimetres?	1	
7	In which street is the main access to STAND 1232?	1	
8	How many sealed garden lights are shown on STAND 1232?	1	
9	In which two metric units are the dimensions on the site plan indicated?	2	
10	How should the garage have been presented to show that it has to be demolished?	1	
11	What does the arrow at 1 indicate?	1	
12	Name the symbol at 2.	1	
13	What does the abbreviation SWD at 3 stand for?	1	
14	What is the abbreviation for the sewerage feature at 4?	1	
15	What colour could be used to indicate new steel work on elevations?	1	
16	Which elevation of the existing house faces Staple Street?	2	
17	What is the fall of STAND 1232 from corner A to corner D in metres?	2	
18	In the space below (ANSWER 18), determine the perimeter of STAND 1232 in metres.	3	
19	In the space below (ANSWER 19), determine the total area of the existing house in square metres. Round off the answer to TWO decimal places.	4	
20	In the space in the title panel (ANSWER 20), draw, in neat freehand, the top view of the SANS 10143 graphical symbol for a GREASE TRAP.	3	
TOTAL		30	

REVISION	DATE	DESCRIPTION
3		
2	2020-11-18	ADD STORMWATER PIPE AND DRAIN
1	2020-11-17	REMOVE GARAGE

DRULOFF ARCHITECTS
69 WALTHER ROAD WILDERNESS
www.druloffarch.co.za
043 445 0883

PRINTED BY: INK-ON (PTY) LTD
DATE OF PRINT: 2020-12-28

DRAWING TITLE:
SITE PLAN

PROJECT:
PROPOSED NEW LAPA FOR PETER PARKER ON STAND 1232, 4 STAPLE STREET, PLETTENBERG BAY, 4091

PROJECT NUMBER: CRY-2020	DRAWING NUMBER: 8225		
DATE: 2020-11-18	DRAWN: SHEILA	CHECKED: CRISPIN	SCALE: 1 : 300
REFERENCE CODE: SPDR-2020			

ANSWER 18
Show ALL calculations.

EXISTING HOUSE

ANSWER 19
Show ALL calculations.

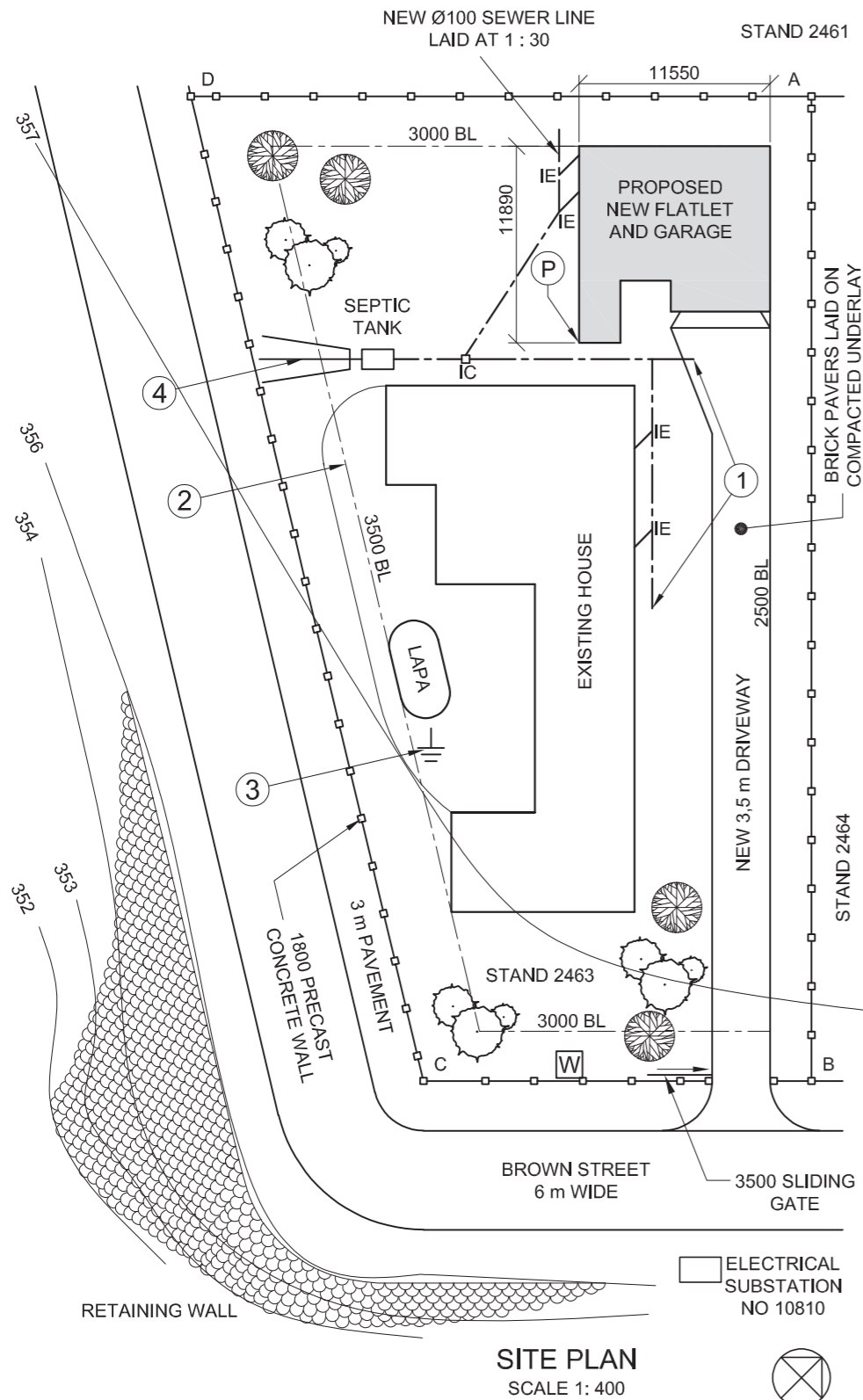
EXAMINATION NUMBER	
EXAMINATION NUMBER	2



CORNER HEIGHTS AND BOUNDARY LENGTHS OF STAND 2463 IN METRES			
A	357,5	AB	59,5
B	356,7	BC	23,45
C	356,3	CD	61,15
D	357,1	DA	37,5

SYMBOL LEGEND:

- DECIDUOUS TREES
- SHRUBBERY
- DRAIN FIELD



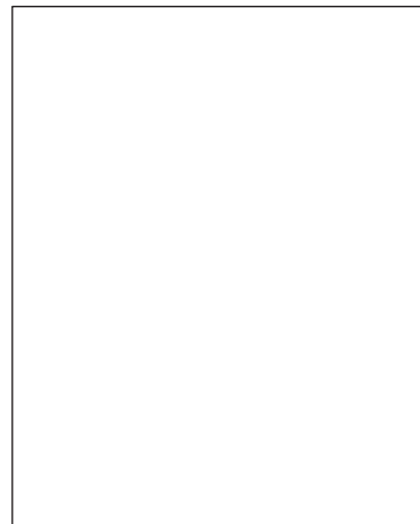
NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE:

CLIENT'S SIGNATURE:

ANSWER 20

In the space below, draw, in neat freehand, the front view and top view of the *SANS 10143* graphical symbol for a SINGLE SLAB or STALL TYPE URINAL.



REVISION	DATE	DESCRIPTION
1	2019-07-08	ADD COLOUR FOR NEW WORK

FUNKY DESIGNS

52 Rex Street, George
041 640 4321
fd.architects@yahoo.com

PRINTED BY: TIME-PRINT	DATE OF PRINT: 2019-09-21
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DRAWING TITLE:
SITE PLAN

PROJECT:
PROPOSED NEW FLATLET AND GARAGE FOR MR A BOBANI ON STAND 2463, BROWN STREET, GEORGE, 6529.

PROJECT NUMBER: FDBS-2019	DRAWING NUMBER: 1 OF 6
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DATE: 2019-07-05	DRAWN: CALIB	CHECKED: ASHLEY	SCALE: 1 : 400
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REFERENCE CODE: 422-2019

QUESTION 1: ANALYTICAL (CIVIL)

Given:

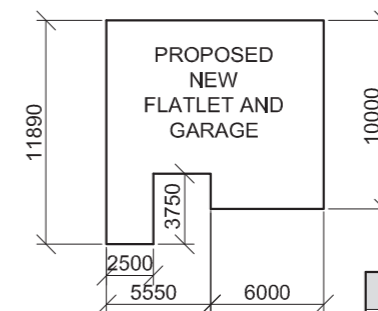
The site plan of an existing house and a proposed new flatlet and garage, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing, title panel and civil content. **[30]**

QUESTIONS		ANSWERS	
1	What is the reference code of the drawing?	1	
2	Who is the client?	1	
3	On what date was the drawing printed?	1	
4	How many signatures are required?	1	
5	How many stands border STAND 2463?	1	
6	What is the number of the electrical substation?	1	
7	What does the abbreviation IC stand for?	1	
8	What is the height of the precast concrete wall in metres?	1	
9	What is the abbreviation of the component that you will find at 1?	1	
10	What is the colour that must be added to new work, as indicated in the revision?	1	
11	What does the chain line at 2 indicate?	1	
12	Name the symbol at 3.	1	
13	Name the feature at 4.	1	
14	What is the fall of the new sewer line?	1	
15	Which elevation of the existing house faces the new flatlet?	2	
16	What is the total height of the retaining wall in metres?	2	
17	Determine the distance from boundary AD to the reference corner P on the proposed new flatlet in metres.	2	
18	In the space below (ANSWER 18), determine the total length of the precast concrete fence in metres.	3	
19	In the space below (ANSWER 19), determine the total area of the proposed new flatlet and garage in square metres. Round the answer off to TWO decimal places.	3	
20	In the space in the title panel (ANSWER 20), draw, in neat freehand, the front view and top view of the <i>SANS 10143</i> graphical symbol for a SINGLE SLAB or STALL TYPE URINAL.	4	
TOTAL		30	

ANSWER 18
Show ALL calculations.



ANSWER 19
Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2





LAND SURVEYOR'S CERTIFICATE OF THE CORNER HEIGHTS AND BOUNDARY LENGTHS OF STAND 2045, SURVEYED ON 2018-09-17

CORNER HEIGHTS IN METRES	BOUNDARY LENGTHS IN METRES
A = 876,0	AB = 16,06
B = 876,1	BC = 7,05
C = 876,0	CD = 23,36
D = 876,3	DE = 26,41
E = 876,3	EF = 18,07
F = 876,4	FG = 53,16
G = 876,4	GA = 47,69

- SYMBOL LEGEND:**
- DECIDUOUS TREES
 - SHRUBBERY
 - FRENCH DRAIN
 - GRAVEL PATHWAY

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE:
CLIENT'S SIGNATURE:

ANSWER 20

In the space below, draw, in neat freehand and according to the SANS 10143, the front view and top view of the graphical symbol for a SINGLE WALL-MOUNTED URINAL.



REVISION	DATE	DESCRIPTION
3	2018-12-20	ADD SWING GATES
2	2018-11-18	ADD SEWER LINES
1	2018-11-17	REMOVE DECIDUOUS TREE

CREATIVE ARCHITECTS
777 BEREA ROAD DURBAN
www.c-arch.co.za
031 334 9762

PRINTED BY: KRYPTON PTY (LTD) DATE OF PRINT: 2018-12-28

DRAWING TITLE:
SITE PLAN

PROJECT:
PROPOSED CLUBHOUSE, DECK, POOL AND PARKING AREA FOR LOIS CHALET ON STAND 2045, 4 COMIC STREET, DURBAN, 4091

PROJECT NUMBER: FLY-2018	DRAWING NUMBER: 1818		
DATE: 2018-11-18	DRAWN: CLARK	CHECKED: KENT	SCALE: 1 : 500
REFERENCE CODE: SMAN-2018			

QUESTION 1: ANALYTICAL (CIVIL)

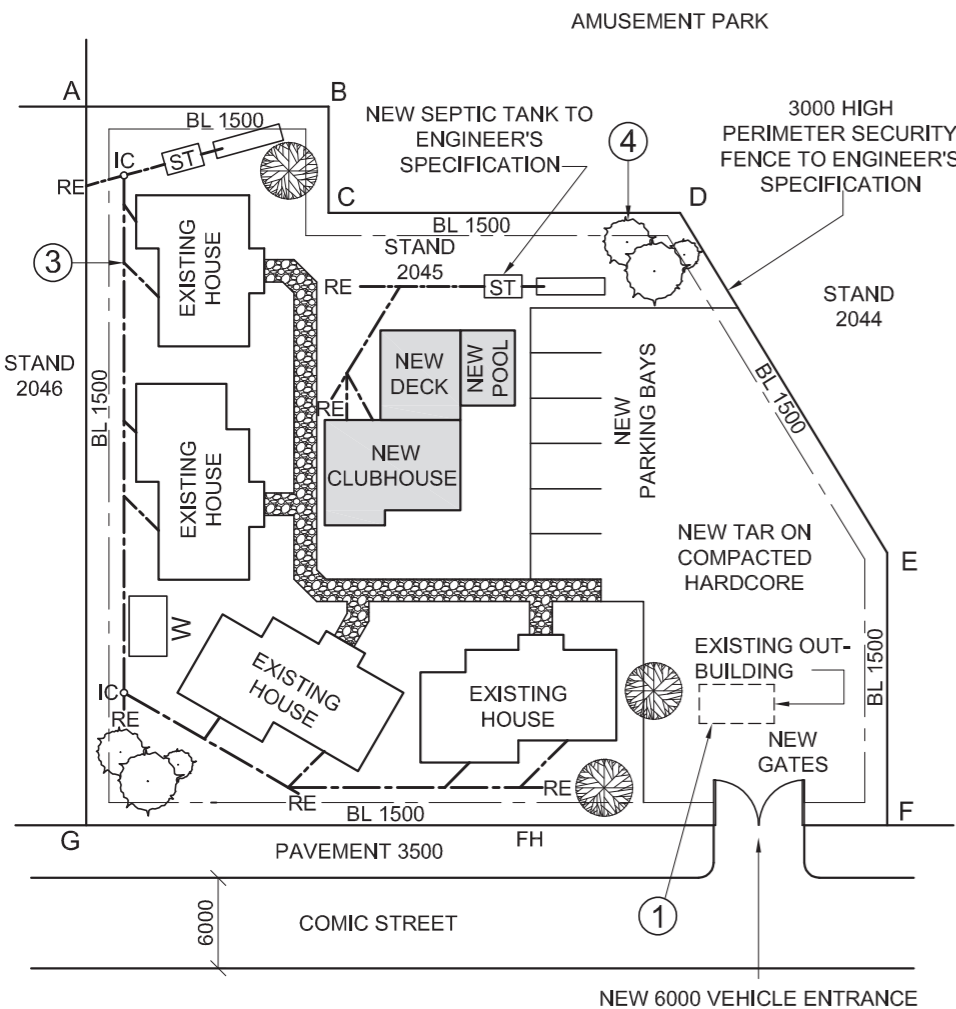
Given:

The site plan of an existing housing development with a proposed new club facility, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

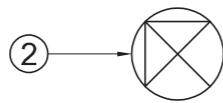
Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing, title panel and civil content. **[30]**

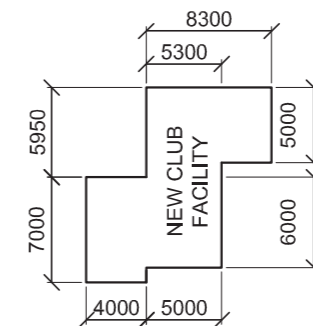
QUESTIONS		ANSWERS	
1	Who prepared the drawing?	1	
2	What is the drawing number?	1	
3	What company printed the drawing?	1	
4	On what date was the last revision made?	1	
5	What must the contractors do before commencing with any work?	1	
6	What is the finish on the pathway?	1	
7	How wide is the new entrance to STAND 2045 in metres?	1	
8	What is the STAND number of the amusement park?	1	
9	What colour is used to represent new sewer lines on a drainage plan?	1	
10	What does the abbreviation BIC stand for?	1	
11	What does the broken line at 1 indicate?	1	
12	What does the symbol at 2 indicate?	1	
13	What is the abbreviation of the component that you find at the junction at 3?	1	
14	Name the feature at 4.	1	
15	What are the final two components of the sewerage system?	2	
16	Which elevation of the clubhouse faces Comic street?	1	
17	What features make up the new club facility?	3	
18	In the space below (ANSWER 18), determine the total length of the perimeter of STAND 2045 in metres.	3	
19	In the space below (ANSWER 19), determine the total area of the new club facility in square metres.	3	
20	In the space in the title panel (ANSWER 20), draw, in neat freehand, and according to the the SANS 10143, the front view and top view of the graphical symbol for a SINGLE WALL-MOUNTED URINAL.	4	
		TOTAL	30



SITE PLAN
SCALE 1 : 500



ANSWER 18
Show ALL calculations.



ANSWER 19
Show ALL calculations.

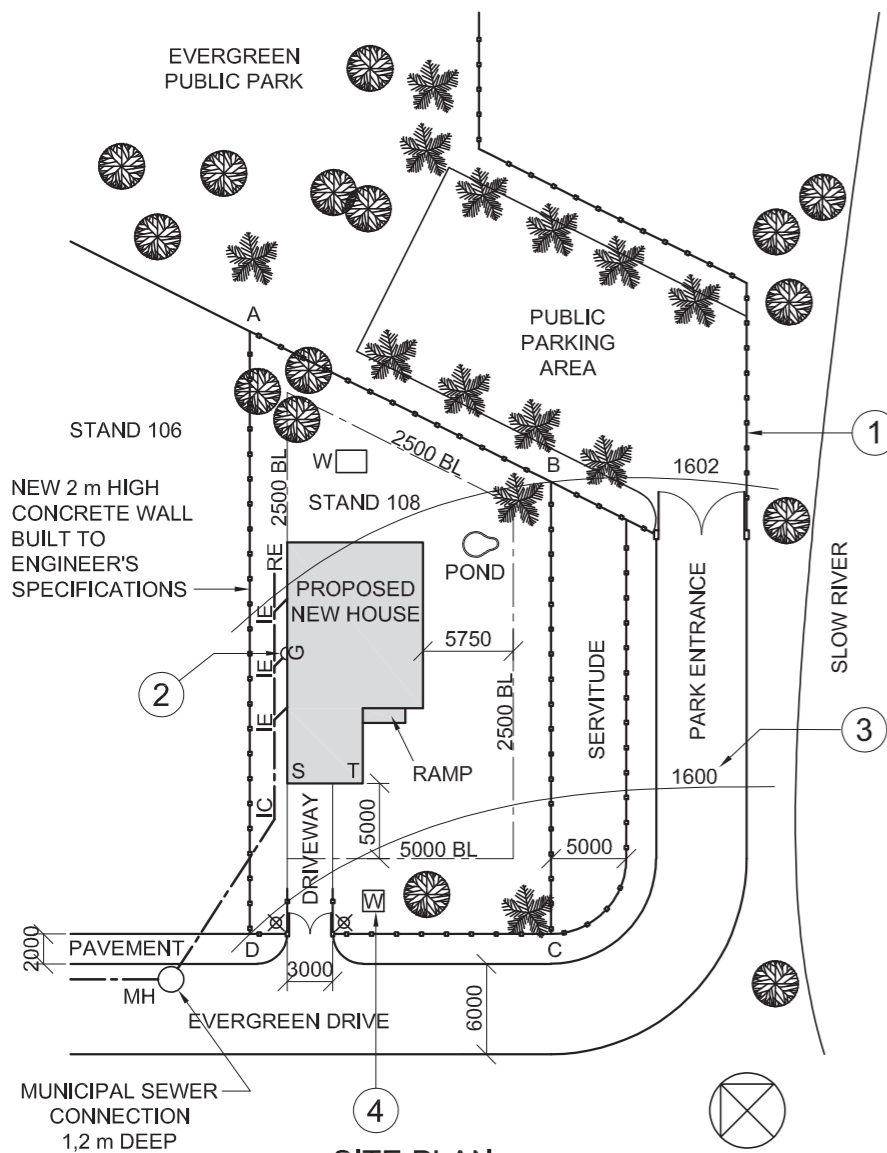
EXAMINATION NUMBER	
EXAMINATION NUMBER	2





LAND SURVEYOR'S CERTIFICATE OF STAND 108, SURVEYED ON 2017-08-31	
BOUNDARY LENGTHS IN METRES	CORNER HEIGHTS IN METRES
AB = 22,36	A = 1603
BC = 30	B = 1602
CD = 20	C = 1598
DA = 40	D = 1600

- GENERAL NOTES:**
- NEW DRIVEWAY LAID ON WELL-COMPACTED HARDCORE WITH A 80 mm ASPHALT FINISH
 - SLOW RIVER IS A NON-PERENNIAL RIVER (DOES NOT FLOW THE ENTIRE YEAR)
- SYMBOL LEGEND:**
- 2,5 m HIGH LAMP POSTS
 - PALM TREES
 - DECIDUOUS TREES
 - CONCRETE WALL



SITE PLAN
SCALE 1 : 500

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

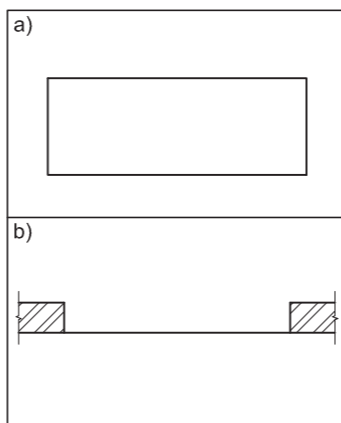
ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

ANSWER 20

In the space below, complete, in neat freehand and according to the SANS 10143:

- The plan view of the ramp, with a gradient of 1 : 10 and the lowest point on the right
- The plan view of a sliding door between the given walls



QUESTION 1: ANALYTICAL (CIVIL)

Given:

The site plan of a proposed new house, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing, title panel and civil content. **[30]**

QUESTIONS		ANSWERS	
1	Who checked the drawing?	1	
2	What is the stand number of the proposed new house?	1	
3	What is the project number?	1	
4	How wide is Evergreen Drive in metres?	1	
5	How deep is the municipal sewerage connection in metres?	1	
6	How many inspection eyes are on the drawing?	1	
7	How many deciduous trees are on STAND 108?	1	
8	How high are the lamp posts in millimetres?	1	
9	In what colour could proposed new work be indicated on a site plan?	1	
10	What does the abbreviation IC stand for?	1	
11	Other than trees, what other natural feature is shown on the site plan?	1	
12	Name the feature at 1.	1	
13	Name the feature at 2.	1	
14	What does the number at 3 indicate?	1	
15	Name the feature at 4.	1	
16	What is the shortest distance from wall ST on the proposed new house to Evergreen Drive in metres?	1	
17	Which elevation of the proposed new house faces the entrance to the property?	2	
18	In the space below (ANSWER 18), determine the perimeter of the proposed new house in metres.	3	
19	In the space below (ANSWER 19), determine the total area of STAND 108 in square metres.	3	
20	In the space in the title panel (ANSWER 20), complete, in neat freehand and according to the SANS 10143: a) The plan view of the ramp, with a gradient of 1 : 10 and the lowest point on the right b) The plan view of the sliding door between the given walls	6	
TOTAL		30	

REVISION	DATE	DESCRIPTION
2	2018/05/13	MOVE LAMP POSTS
1	2018/01/18	ADD NEW BOUNDARY WALLS

BAYERN ARCHITECTS
108 MUNICH DRIVE
NEW GERMANY
☎ 031 108 1080

PRINTED BY: EXPRESS PRINT
DATE OF PRINT: 2018-08-25

DRAWING TITLE:
SITE PLAN

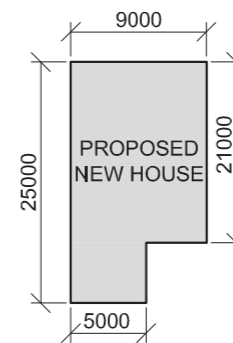
PROJECT:
PROPOSED NEW HOUSE FOR THOMAS ZONDO ON STAND 108, EVERGREEN DRIVE, REEDSVILLE, 2080

PROJECT NUMBER: YG/-2018
DRAWING NUMBER: CE 1-01-DV
DATE: 2018-01-13
DRAWN: DIANNE
CHECKED: VANESSA
SCALE: 1 : 500

REFERENCE CODE: X5-2018



ANSWER 18
Show ALL calculations.

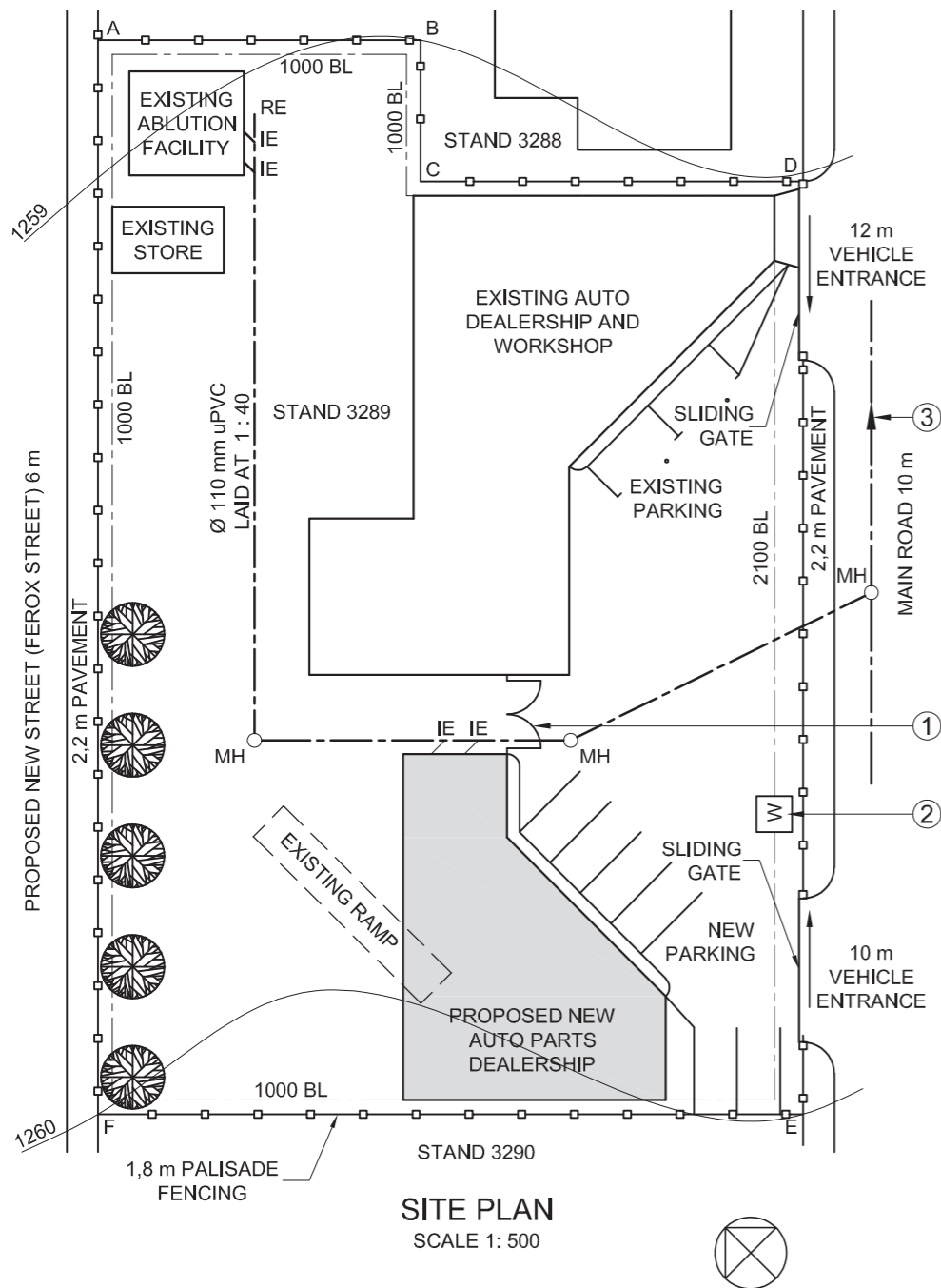


ANSWER 19
Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2

STAPLE

LAND SURVEYOR'S CERTIFICATE OF THE BOUNDARY LENGTHS AND CORNER HEIGHTS OF STAND 3289, SURVEYED ON 2017-08-31	
BOUNDARY LENGTHS IN MILLIMETRES	CORNER HEIGHTS IN METRES
AB = 22500	A = 1259
BC = 9850	B = 1259
CD = 26690	C = 1259
DE = 65050	D = 1259
EF = 49190	E = 1260
FA = 74900	F = 1260



SITE PLAN
SCALE 1: 500

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

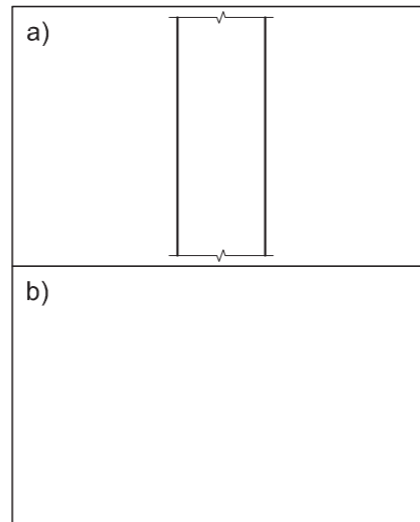
ARCHITECT'S SIGNATURE:

CLIENT'S SIGNATURE:

ANSWER 19

In the space below, draw, in neat freehand and according to the SANS 10143:

- a) FACE BRICK hatching
- b) The graphical symbol for a GULLY



REVISION	DATE	DESCRIPTION

FRESH DESIGNS

51 Munnik Street
Bray
010 810 4321
fd.architects@gmail.com

PRINTED BY: I-PRINT
DATE OF PRINT: 2018-05-21

DRAWING TITLE:
SITE PLAN

PROJECT:
PROPOSED NEW AUTO PARTS DEALERSHIP FOR REGROW HOLDINGS ON STAND 3289, MAIN ROAD, PORT ELIZABETH.

PROJECT NUMBER: FDBS-2018
DRAWING NUMBER: 1 OF 7

DATE: 2018-04-05
DRAWN: MP
CHECKED: CIC
SCALE: 1: 500

REFERENCE CODE:
Q1P1-2018

QUESTION 1: ANALYTICAL (CIVIL)

Given:

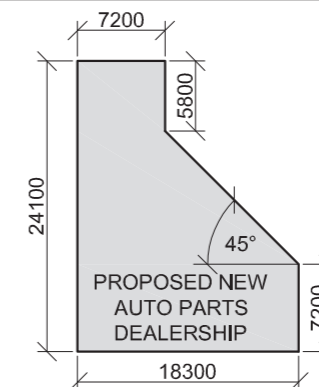
The site plan of an existing auto dealership and workshop with a proposed new auto parts dealership, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing, title panel and civil content. [30]

QUESTIONS		ANSWERS	
1	What is the title of the drawing?	1	
2	On what date was the drawing prepared?	1	
3	What scale is indicated for the drawing?	1	
4	What is the name of the proposed new street?	1	
5	How many existing buildings are there on STAND 3289?	1	
6	How many parking bays are shown?	1	
7	What does the abbreviation RE stand for?	1	
8	How wide are the pavements in millimetres?	1	
9	What do the two arcs at 1 indicate?	1	
10	Name the feature at 2.	1	
11	How many manholes are shown?	1	
12	What type of fencing surrounds STAND 3289?	1	
13	What feature is shown on STAND 3288?	1	
14	What is the number of the STAND south west of STAND 3289?	2	
15	Why is the existing ramp shown with broken lines?	1	
16	What does the arrow on the line at 3 indicate?	1	
17	What is the fall of the sewer line?	1	
18	In what colour could new concrete be indicated on a layout drawing?	1	
19	In the space in the title panel (ANSWER 19), draw, in neat freehand and according to the SANS 10143 a) FACE BRICK hatching, and b) the graphical symbol for a GULLY.	4	
20	In the space below (ANSWER 20), determine the total length of the fence in metres.	4	
21	In the space below (ANSWER 21), determine the total area of the proposed new auto parts building in square metres. Round off the answer to THREE decimal places.	3	
TOTAL		30	

ANSWER 20
Show ALL calculations.



ANSWER 21
Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2





CORNER HEIGHTS AND BOUNDARY LENGTHS IN METRES			
A	137,38	AB	143,56
B	134,67	BC	223,91
C	133,5	CD	143,89
D	136	DA	223,87

- SYMBOL LEGEND:**
- 25 m HIGH LAMP POSTS SPACED MAXIMUM 50 m c/c
 - EXISTING PALM TREES
 - NEW DECIDUOUS TREES



NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

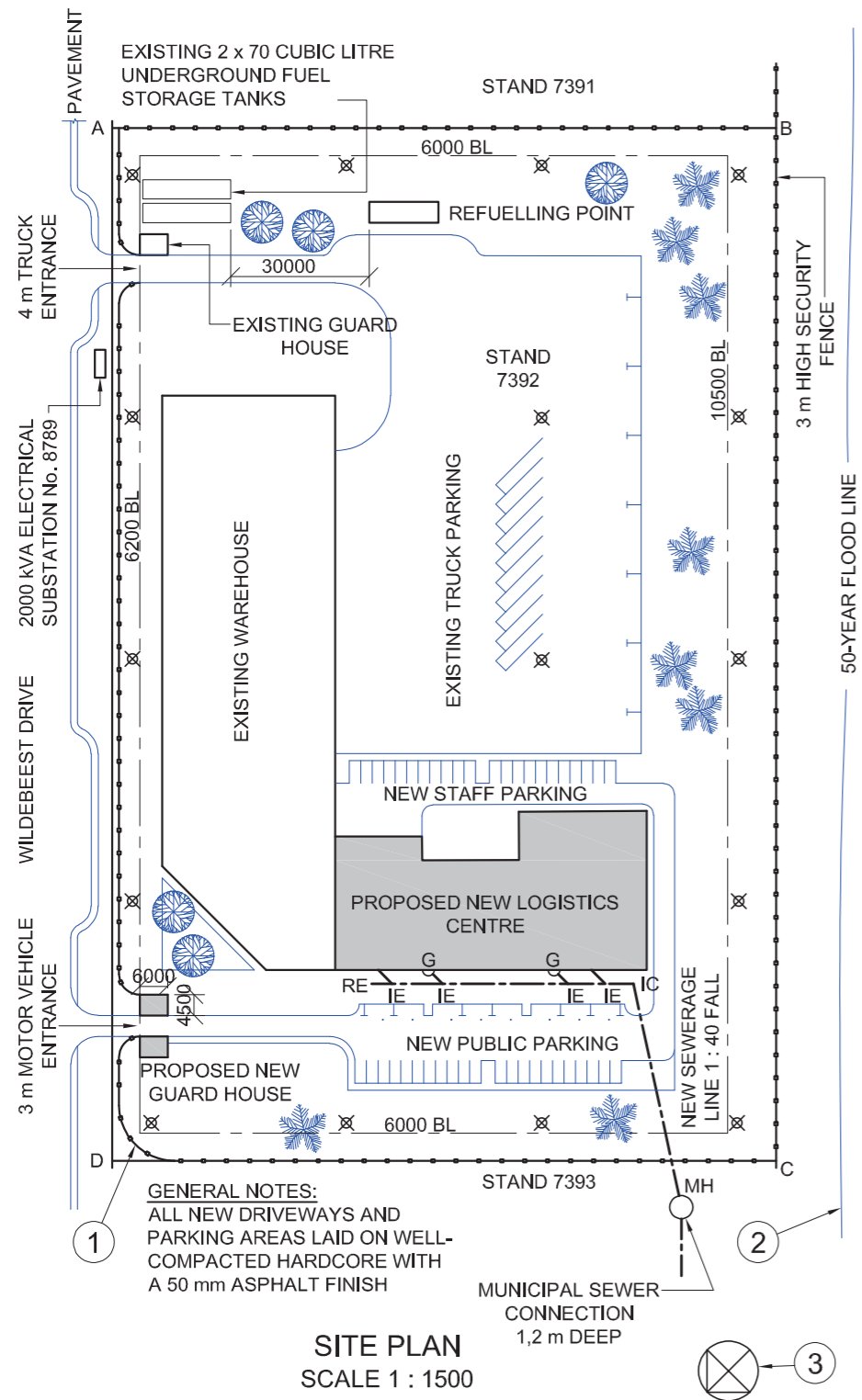
QUESTION 1: ANALYTICAL (CIVIL)

Given:

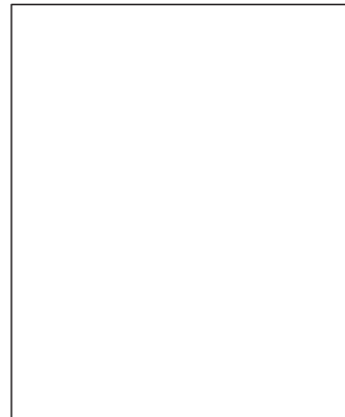
The site plan of an existing warehouse with a proposed new logistics centre and guard house, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions which refer to the accompanying drawing and title panel. **[30]**



ANSWER 20
In the space below, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a WASHTUB.



REVISION	DATE	DESCRIPTION
2	2017-01-09	Security lighting
1	2017-01-07	New staff parking

3D STUDIO ARCHITECTS
1024 FOREST DRIVE
ISIPINGO
031 555 2792

PRINTED BY: FAST PRINT
DATE OF PRINT: 2017-01-28

DRAWING TITLE: **SITE PLAN**

PROJECT: PROPOSED NEW LOGISTICS CENTRE AND GUARD HOUSE FOR RAGE INDUSTRIES ON PLOT 7392, RIVER HORSE INDUSTRIAL PARK, 28 WILDEBEEST DRIVE, ISIPINGO

PROJECT NUMBER: SSA/FS-2015	DRAWING NUMBER: LF 5-10-BPK/N		
DATE: 2017-01-05	DRAWN: NM	CHECKED: LUKE	SCALE: 1 : 1500

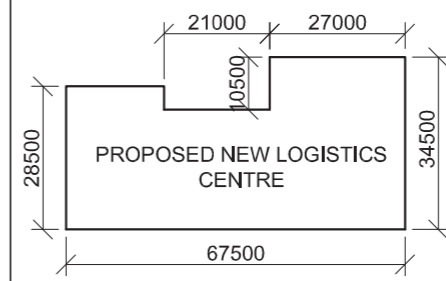
REFERENCE CODE: V1V1-2017



QUESTIONS		ANSWERS	
-----------	--	---------	--

1	Who checked the drawing?	1	
2	What is the number of the stand?	1	
3	What is the number of the electrical substation?	1	
4	How far is the refuelling point from the fuel tanks in metres?	1	
5	How deep is the municipal sewerage connection?	1	
6	How many gullies are shown?	1	
7	What does the abbreviation IE stand for?	1	
8	How many palm trees are shown?	1	
9	What is the maximum permitted distance between the lamp posts in metres?	1	
10	What is the combined capacity of the underground fuel tanks in cubic litres?	2	
11	Besides the trees, what other natural feature is indicated?	1	
12	What does the line at 1 indicate?	1	
13	What does the line at 2 indicate?	1	
14	Name the feature at 3.	1	
15	In what colour must a new sewerage line be indicated on a drainage plan?	1	
16	Which elevation of the proposed new logistics centre faces the new staff parking?	2	
17	What is the distance between the boundary line and the building line on the north eastern side of the stand in metres?	2	
18	In the space below (ANSWER 18), determine the perimeter of the stand in metres.	3	
19	In the space below (ANSWER 19), determine the total area of the proposed new logistics centre in square metres.	3	
20	In the space in the title panel (ANSWER 20), draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a WASHTUB.	4	
		TOTAL	30

ANSWER 18
Show ALL calculations.

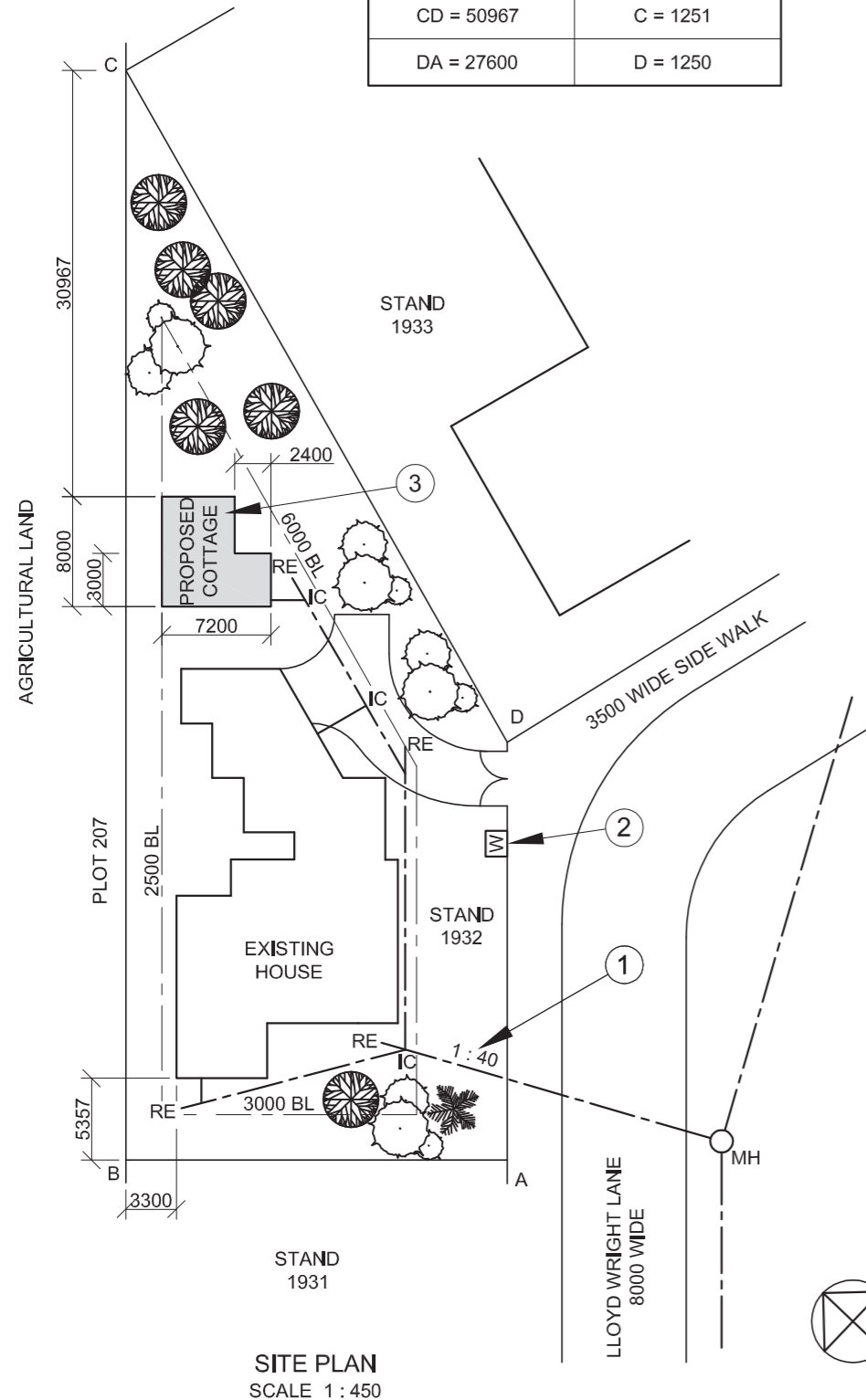


ANSWER 19
Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2



LAND SURVEYOR'S CERTIFICATE OF THE BOUNDARY LENGTHS AND CORNER HEIGHTS ON STAND 1932. SURVEYED ON 2015-09-15	
BOUNDARY LENGTHS IN MILLIMETRES	CORNER HEIGHTS IN METRES
AB = 25200	A = 1250
BC = 72000	B = 1251
CD = 50967	C = 1251
DA = 27600	D = 1250



SITE PLAN
SCALE 1 : 450

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

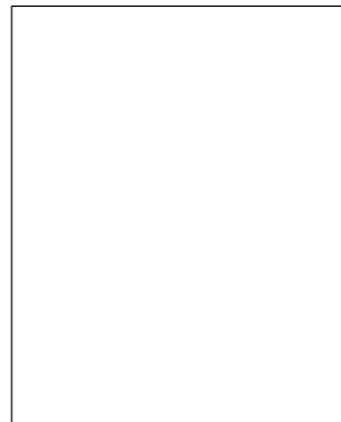
ANSWER 18

In the space below, draw, in neat freehand and according to the SANS 10143, a cross section of a piece of TIMBER or UNDRESSED WOOD.



ANSWER 19

In the space below, draw, in neat freehand, the front view and top view of the SANS 10143 graphic symbol for a WATER CLOSET.



QUESTION 1: ANALYTICAL (CIVIL)

Given:

The site plan for a proposed new cottage, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing and title panel. [30]

QUESTIONS		ANSWERS	
1	On what date was the site plan printed?	1	
2	Who prepared the drawing?	1	
3	How many revisions have been made to the drawing?	1	
4	What is the length of boundary CD?	1	
5	What scale is indicated for the drawing?	1	
6	What does the abbreviation IC stand for?	1	
7	What does the abbreviation RE stand for?	1	
8	What does the abbreviation MH stand for?	1	
9	What is the shortest distance from the existing house to STAND 1931 in metres?	1	
10	What does the ratio at 1 indicate?	1	
11	Name the feature at 2.	1	
12	In what colour should the feature at 3 be shown?	1	
13	What is the difference in height between corner A and corner C in metres?	1	
14	Why would a residential development not be allowed on PLOT 207?	1	
15	Which elevation of the existing house faces STAND 1933?	2	
16	In the space below (ANSWER 16), determine the perimeter of the proposed new cottage in metres.	3	
17	In the space below (ANSWER 17), determine the total area of STAND 1932 in square metres.	4	
18	In the space in the title panel (ANSWER 18), draw, in neat freehand and according to the SANS 10143, a cross section of a piece of TIMBER or UNDRESSED WOOD.	3	
19	In the space in the title panel (ANSWER 19), draw, in neat freehand, the front view and top view of the SANS 10143 graphic symbol for a WATER CLOSET.	4	
TOTAL		30	

REVISION	DATE	DESCRIPTION

PRINTED BY FRANK PRINTERS		DATE OF PRINT 2015/10/12	
DRAWING TITLE SITE PLAN STAND 1932			
PROJECT PROPOSED NEW COTTAGE ON STAND 1932, KLIPPLAAT			
PROJECT NUMBER GR447-101		DRAWING NUMBER 447P6	
DATE 2015/10/10	DRAWN J VAN WYK	CHECKED C K BIRD	SCALE 1 : 450
REFERENCE CODE QU1-2015			

ANSWER 16
Show ALL calculations.

ANSWER 17
Show ALL calculations.

EXAMINATION NUMBER

EXAMINATION NUMBER

2





LAND SURVEYOR'S CERTIFICATE OF THE BOUNDARY LENGTHS AND CORNER HEIGHTS ON STAND 3. SURVEYED ON 2015-05-06

BOUNDARY LENGTHS IN MILLIMETRES	CORNER HEIGHTS IN METRES
AB = 74569	A = 1780,6
BC = 116000	B = 1780,7
CD = 74569	C = 1779,7
DA = 116000	D = 1779,3

NOTE:

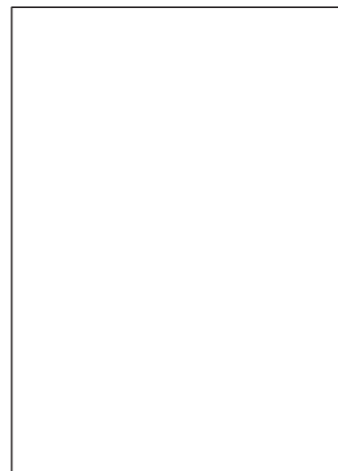
- Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.
- All the houses are the same size.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

ANSWER 20

In the space below, draw, in neat freehand, the front view and top view of the SANS 10143 graphic symbol for a BIDET.



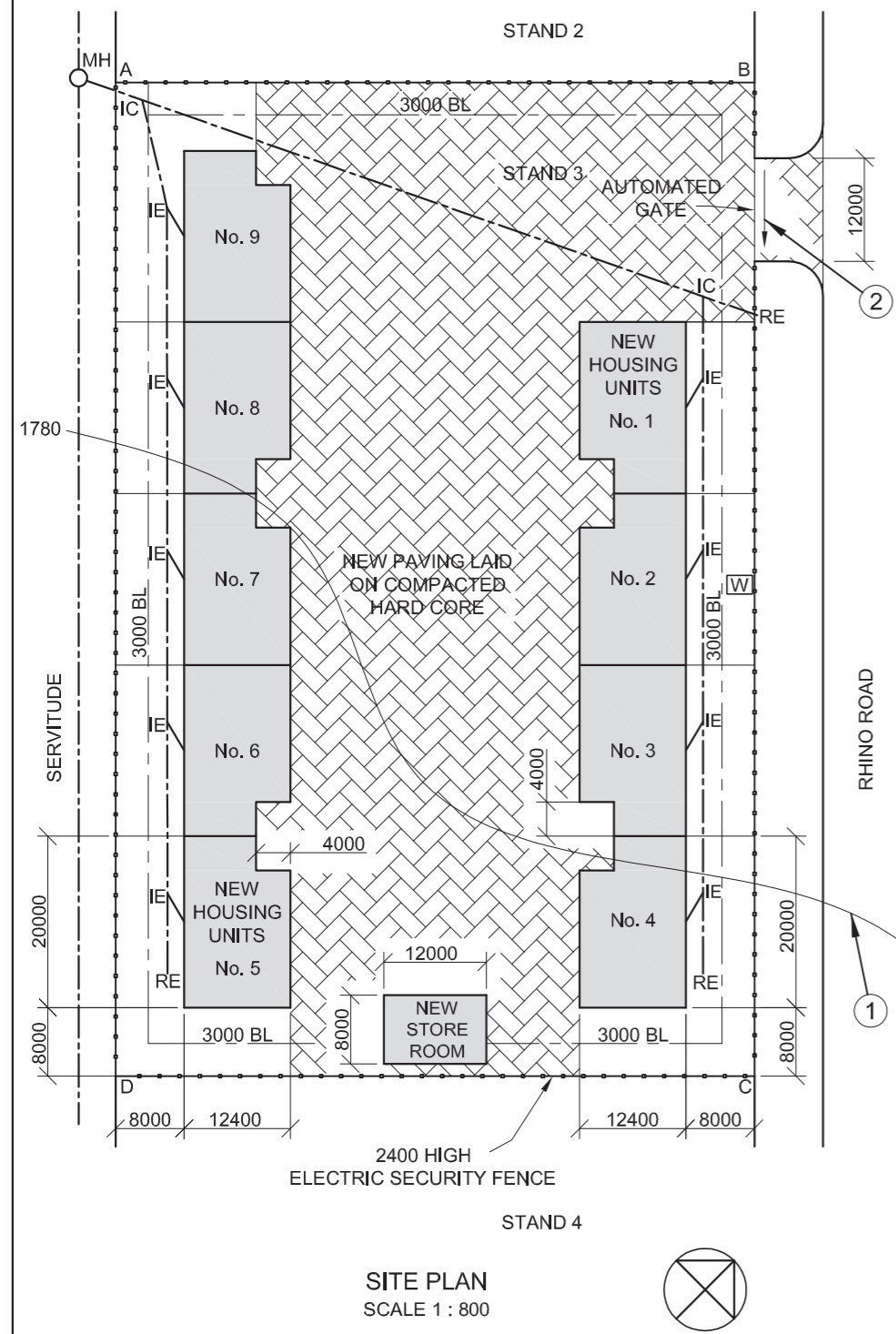
QUESTION 1: ANALYTICAL (CIVIL)

Given:

The site plan for proposed housing units in a security complex, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing and title panel. **[30]**



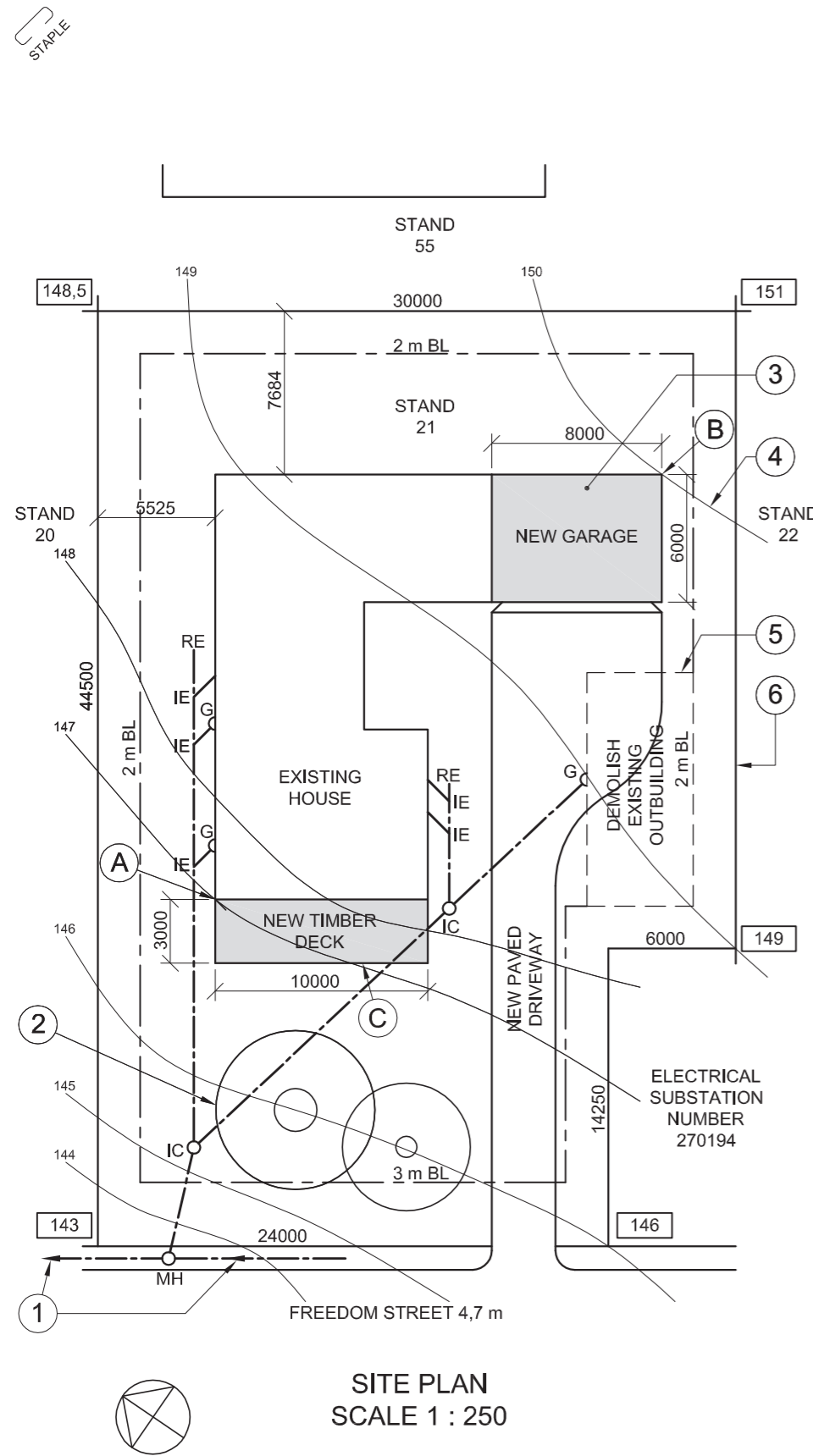
SITE PLAN
SCALE 1 : 800

REVISION	DATE	DESCRIPTION
ON-THE-DOT ARCHITECTS PO BOX 2000 LEOPARD VALLEY 1012		
PRINTED BY NAT PRINTERS	DATE OF PRINT 2015/07/09	
DRAWING TITLE SITE PLAN		
PROJECT PROPOSED NEW HOUSING UNITS IN A SECURITY COMPLEX ON STAND 3, RHINO ROAD, OBSERVATION PARK		
PROJECT NUMBER 2015-RR-07	DRAWING NUMBER EP 3-01-2016	
DATE 2015/07/07	DRAWN WILLIAM	CHECKED VERNON
REFERENCE CODE QV1-2016		SCALE 1 : 800



QUESTIONS		ANSWERS	
1	How many signatures are required?	1	
2	Who prepared the drawing?	1	
3	What scale is indicated for the drawing?	1	
4	Who checked the drawing?	1	
5	Who was responsible for the printing of the site plan?	1	
6	How many times have the drawing been revised?	1	
7	When was the site surveyed?	1	
8	How many rodding eyes are shown on the site plan?	1	
9	What does the abbreviation IC stand for?	1	
10	In what colour should glass be indicated on a detailed drawing?	1	
11	Name the feature at 1.	1	
12	In what unit are the dimensions on the site plan?	1	
13	On what must the new paving be laid?	1	
14	What type of fence is proposed for the complex?	2	
15	What is indicated by the arrow at 2?	1	
16	Why would a residential development not be allowed on the land immediately south-west of STAND 3?	2	
17	Referring to the building regulations, why would this proposed site plan not be approved?	2	
18	In the space below (ANSWER 18), determine the length of the electric security fence in metres.	3	
19	In the space below (ANSWER 19), determine the combined total area of ALL the proposed buildings in square metres.	4	
20	In the space in the title panel (ANSWER 20), draw, in neat freehand, the front view and top view of the SANS 10143 graphic symbol for a BIDET.	3	
TOTAL		30	

ANSWER 18 Show ALL calculations.	ANSWER 19 Show ALL calculations.
EXAMINATION NUMBER	
EXAMINATION NUMBER	
2	



SITE PLAN
SCALE 1 : 250

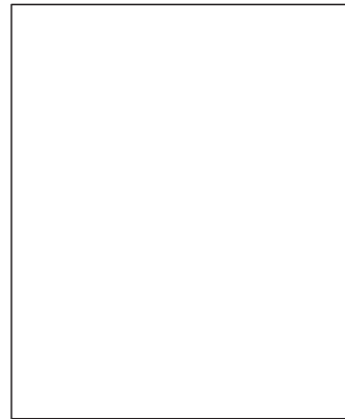
NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects must be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

ANSWER 20

In the space below, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a BATH.



REVISION	DATE	DESCRIPTION
1	2015-01-27	Add timber deck

KEY ARCHITECTS

96 Protea Street
POTCHEFSTROOM

083 130 2201
key@webmail.co.za

PRINTED BY
ILM PRINTERS

DATE OF PRINT
2015-02-13

DRAWING TITLE
SITE PLAN

PROJECT
PROPOSED NEW GARAGE AND
TIMBER DECK FOR MRS SCHUTTE
ON STAND 21, FREEDOM STREET.

PROJECT NUMBER
AFSP-2015

DRAWING NUMBER
VG 002

DATE
2015-01-10

DRAWN
AD

CHECKED
BC

SCALE
1 : 250

REFERENCE CODE
Q1P1N2015



QUESTION 1: ANALYTICAL (CIVIL)

Given:

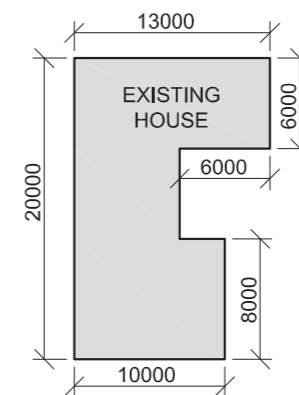
The site plan of a existing house with a proposed new garage and timber deck, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing and title panel. **[30]**

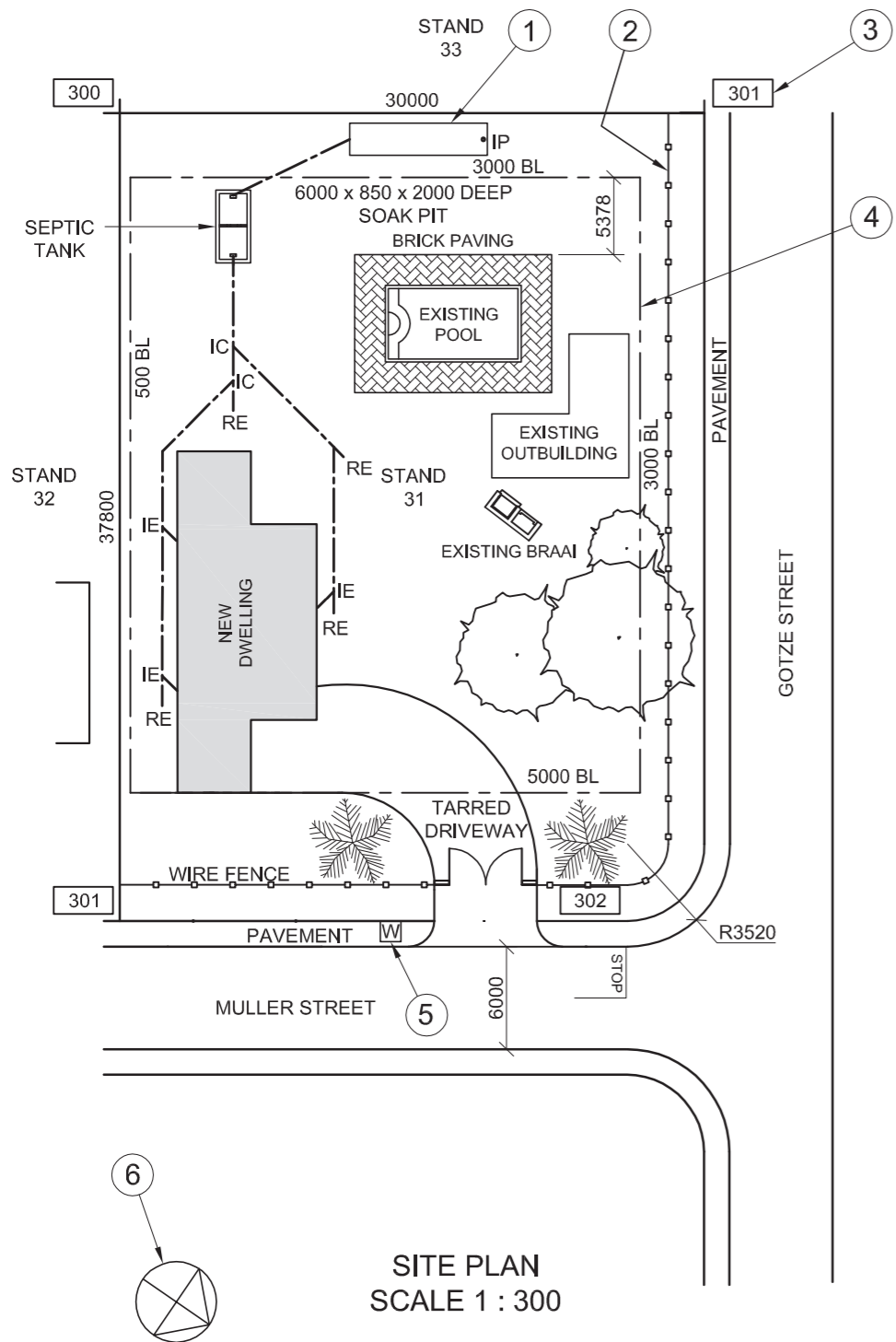
QUESTIONS		ANSWERS	
1	What is the project number?	1	
2	How many signatures are required?	1	
3	How many revisions have been made to the drawing?	1	
4	Who is the client?	1	
5	On what date was the site plan printed?	1	
6	How many new additions are indicated on the site plan?	1	
7	What does the abbreviation IC stand for?	1	
8	What is indicated by the arrows on the line at 1?	1	
9	Name the feature at 2.	1	
10	In what colour should the feature at 3 be shown?	1	
11	What does the line at 4 indicate?	1	
12	What does the broken line at 5 indicate?	1	
13	What is the length of the boundary line at 6 in metres?	1	
14	What is the width of Freedom Street in millimetres?	1	
15	What is the difference in ground level height between corner A and corner B of the buildings in metres?	2	
16	On which side of the existing house is the new timber deck?	2	
17	Which municipal service is found on the land adjacent to stand 21?	2	
18	In the space below, determine the perimeter of the existing house in metres.	3	
19	In the space below, determine the combined total area of the existing house and the new garage in square metres.	3	
20	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a BATH.	4	
		TOTAL 30	

ANSWER 18
Show ALL calculations.



ANSWER 19
Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2



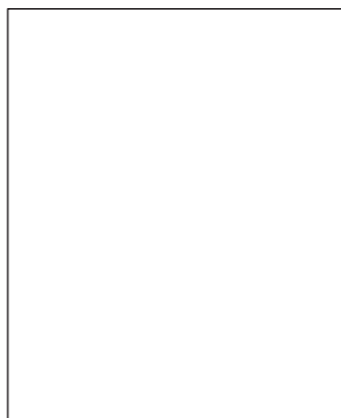
NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

ANSWER 20

In the space provided below, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a DOUBLE SINK.



REVISION	DATE	DESCRIPTION
3		
2	2014-12-07	Include a soak pit
1	2014-11-09	Change driveway

TONY KROOS & ASSOCIATES
ARCHITECTS
1 BAYERNDRIE
13-16 MUNICH GARDENS
NEW GERMANY
PINETOWN
079 1313130
tonykroos@bundes.com

PRINTED BY FUSSBAL PRINTERS DATE OF PRINT 2015-02-12

DRAWING TITLE **SITE PLAN**

PROJECT
PROPOSED DWELLING FOR MR RIBERY ON STAND 31, CNR MULLER STREET AND GOTZE STREET.

PROJECT NUMBER CHLW-2013	DRAWING NUMBER BM 3113		
DATE 2015-01-28	DRAWN ARJEN	CHECKED ROB	SCALE 1 : 300

REFERENCE CODE
1VG2014



QUESTION 1: ANALYTICAL (CIVIL)

Given:

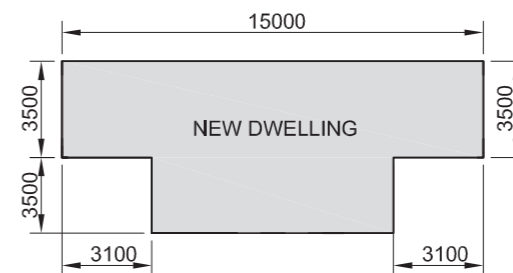
The site plan for a proposed new dwelling, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing and title panel. **[30]**

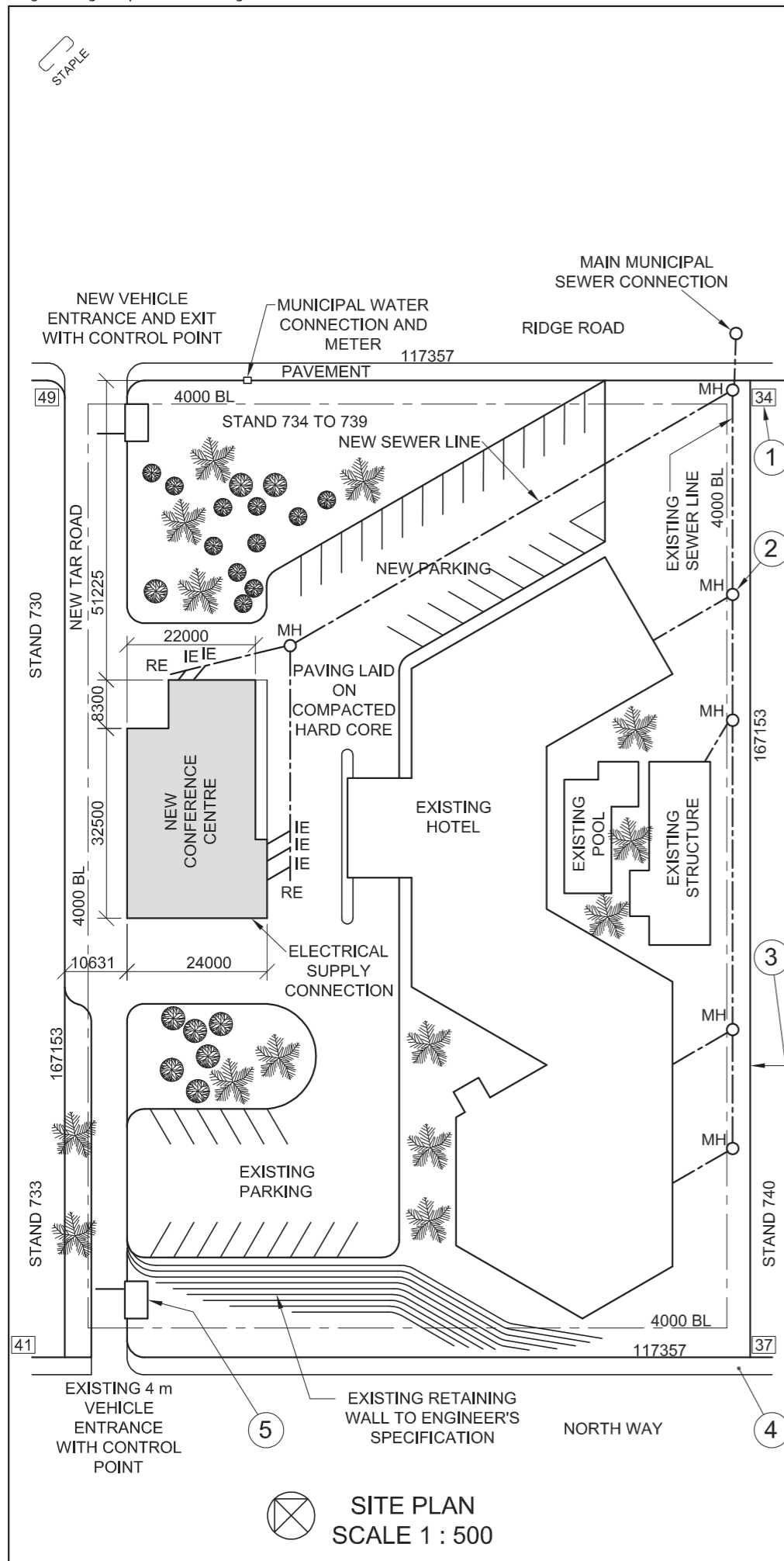
QUESTIONS		ANSWERS	
1	What is the reference code for the drawing?	1	
2	What was the second revision?	1	
3	What scale is indicated for the drawing?	1	
4	How many inspection chambers are there on the sewer line?	1	
5	What finish is used around the pool?	1	
6	What new development is proposed on the site?	1	
7	In what colour would new glass be presented on a drawing?	1	
8	In what colour would new concrete be presented on a drawing?	1	
9	What is the depth of the feature at 1?	1	
10	Name the feature at 2.	1	
11	What does the number at 3 indicate?	1	
12	What does the line at 4 indicate?	1	
13	Name the feature at 5.	1	
14	Name the feature at 6.	1	
15	Which elevation of the new dwelling faces Gotze Street?	2	
16	What is the distance from the swimming pool to the south-western boundary line in metres?	2	
17	What is the length of the boundary facing stand 32 in metres?	2	
18	In the space below, determine the perimeter of the new dwelling in metres.	3	
19	In the space below, determine the total building area of stand 31 in square metres.	3	
20	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a DOUBLE SINK.	4	
TOTAL 30			

ANSWER 18
Show ALL calculations.



ANSWER 19
Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2



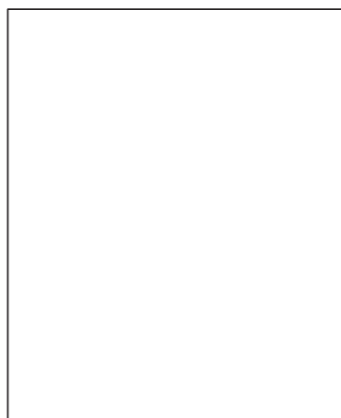
NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

ANSWER 20

In the space provided below, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a SINGLE URINAL.



REVISION	DATE	DESCRIPTION
3		
2	2014-07-15	Include a new MH
1	2014-07-11	Change road

NEW HORIZON
ARCHITECTS
17 MAIN ROAD
DURBAN
Tel: 031 335 2835

PRINTED BY: DUNNIT PRINTERS
DATE OF PRINT: 2014-08-05

DRAWING TITLE: **SITE PLAN**

PROJECT: **PROPOSED NEW CONFERENCE CENTRE FOR THE SA HOTEL GROUP ON STANDS 734 TO 739 AT 261 NORTH WAY, DURBAN**

PROJECT NUMBER 04	DRAWING NUMBER 10-B708		
DATE 2014-05-30	DRAWN SAREL	CHECKED PERTO	SCALE 1 : 500

REFERENCE CODE: N14-Q1



QUESTION 1: ANALYTICAL (CIVIL)

Given:

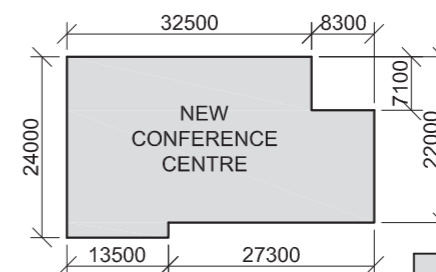
A site plan of a hotel with a proposed new conference centre, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which refer to the accompanying drawing and title panel. [30]

QUESTIONS		ANSWERS	
1	On what date was the site plan printed?	1	
2	What must the contractors do on site before commencing with any work?	1	
3	What scale is indicated for the drawing?	1	
4	What was the first revision?	1	
5	What is the surface finish of the new road?	1	
6	What new development is proposed for the hotel?	1	
7	In what colour would new timber be presented on a drawing?	1	
8	In what colour would new steel be presented on a drawing?	1	
9	What does the number at 1 indicate?	1	
10	Name the feature at 2.	1	
11	What does the line at 3 indicate?	1	
12	Name the feature at 4.	1	
13	Name the feature at 5.	1	
14	On what must the paving in the new parking lot be laid?	1	
15	In which road is the new exit from the hotel?	2	
16	What is the length of the south western wall on the new conference centre in metres?	2	
17	What is the shortest distance from the new conference centre to the boundary line on North Way in metres?	2	
18	In the space below, determine the perimeter of the new conference centre in metres.	3	
19	In the space below, determine the total area of the new conference centre in square metres.	3	
20	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a SINGLE URINAL.	4	
TOTAL		30	

ANSWER 18
Show ALL calculations.



ANSWER 19
Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2



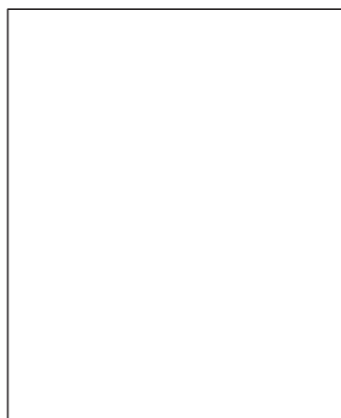
LAND SURVEYOR'S CERTIFICATE OF THE BOUNDARY LENGTHS AND CORNER HEIGHTS OF STAND 77 AT 5 DUIKER AVENUE PRETORIA. SURVEYED ON 01-10-2011	
BOUNDARY LENGTHS IN MILLIMETRES	CORNER HEIGHTS IN METRES
AB = 42688	A = 1022
BC = 31684	B = 1024
CD = 42688	C = 1025
DA = 31684	D = 1021

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

20. In the space provided below, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a single kitchen sink.



QUESTION 1: ANALYTICAL (CIVIL)

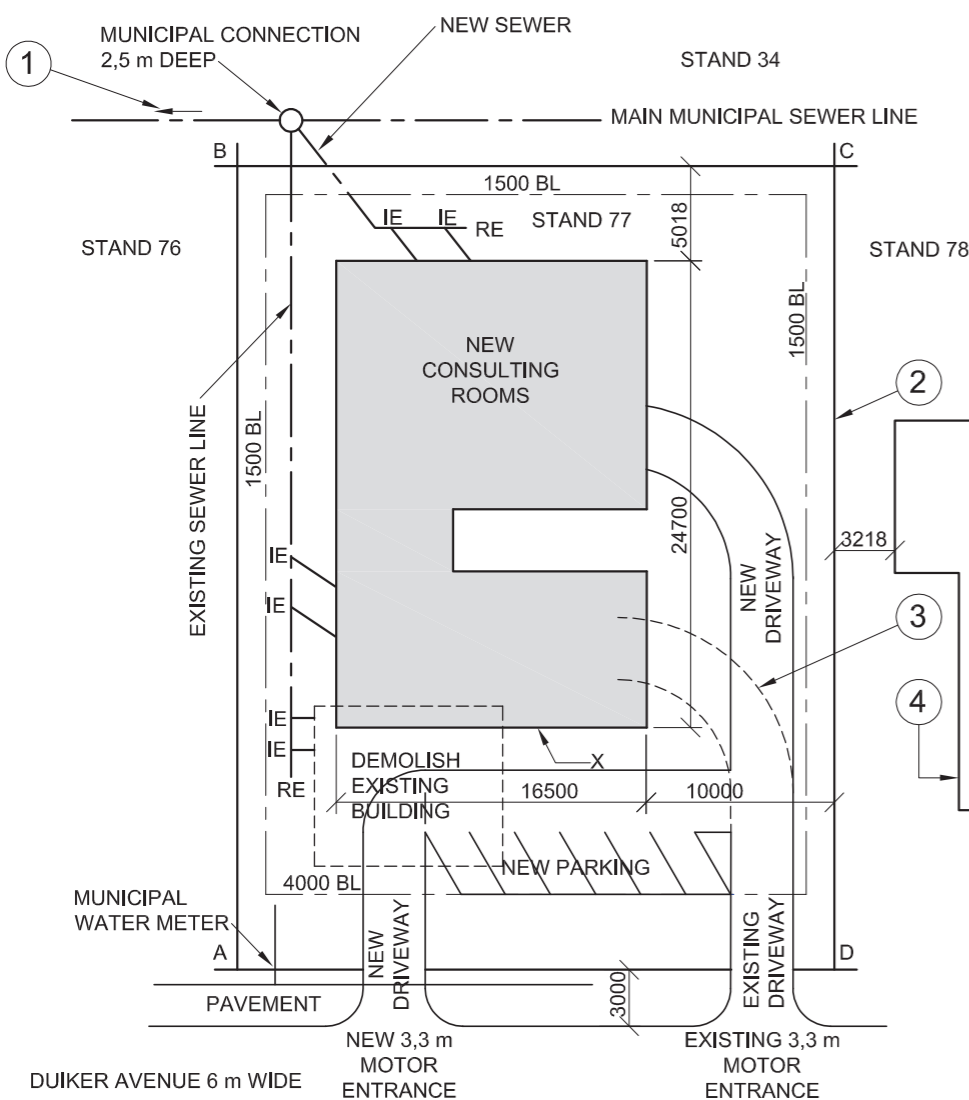
Given:

A site plan for proposed new consulting rooms, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which all refer to the accompanying drawing and title panel. **[30]**

QUESTIONS		ANSWERS	
1	On what date was the stand surveyed?	1	
2	What was Vishnu responsible for?	1	
3	How wide is the pavement on Duiker Avenue in metres?	1	
4	What is the client's name?	1	
5	How many new parking bays are indicated?	1	
6	How many new inspection eyes are required?	1	
7	On which property is the municipal sewer connection located?	1	
8	In what colour is a new building presented on a site plan?	1	
9	In what colour is a new sewer line presented on a site plan?	1	
10	What does the arrow at 1 indicate?	1	
11	What does the line at 2 indicate?	1	
12	What does the line at 3 indicate?	1	
13	Name the feature at 4.	1	
14	What must be done to the existing building on the stand?	1	
15	What is the difference in height between the highest and the lowest corner of the stand in metres?	1	
16	What is the distance from wall X to Duiker Avenue in metres?	2	
17	What would the elevation of the new consulting rooms facing stand 78 be called?	2	
18	In the space below, determine the perimeter of the new consulting rooms in metres. Show ALL calculations.	4	
19	In the space below, determine, in square metres, the total floor area that needs to be tiled if the outside walls are 200 mm thick. Show ALL calculations.	4	
20	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol for a single kitchen sink.	3	
TOTAL 30			



SITE PLAN
SCALE 1 : 250



REVISION	DATE	DESCRIPTION
3	2013-09-11	Remove ex driveway
2	2013-09-08	Add new driveway
1	2013-08-28	Move new RE

MINKI'S DREAM HOMES
101 PAUL KRUGER STREET
PRETORIA
Tel: 012 555 2735

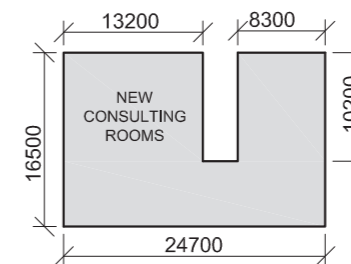
PRINTED BY DBE PRINTERS DATE OF PRINT 2013-10-30

DRAWING TITLE
SITE PLAN

PROJECT
PROPOSED NEW CONSULTING ROOMS FOR DR. AL SATION ON STAND 77 AT 5 DUIKER AVENUE PRETORIA.

PROJECT NUMBER 001	DRAWING NUMBER 1 of 4	
REFERENCE CODE Q1P1-EXEMP-2014	DRAWN BY BEYERS	CHECKED BY VISHNU
DATE 2013-09-12	SCALE 1 : 250	

ANSWER 18
Show ALL calculations.



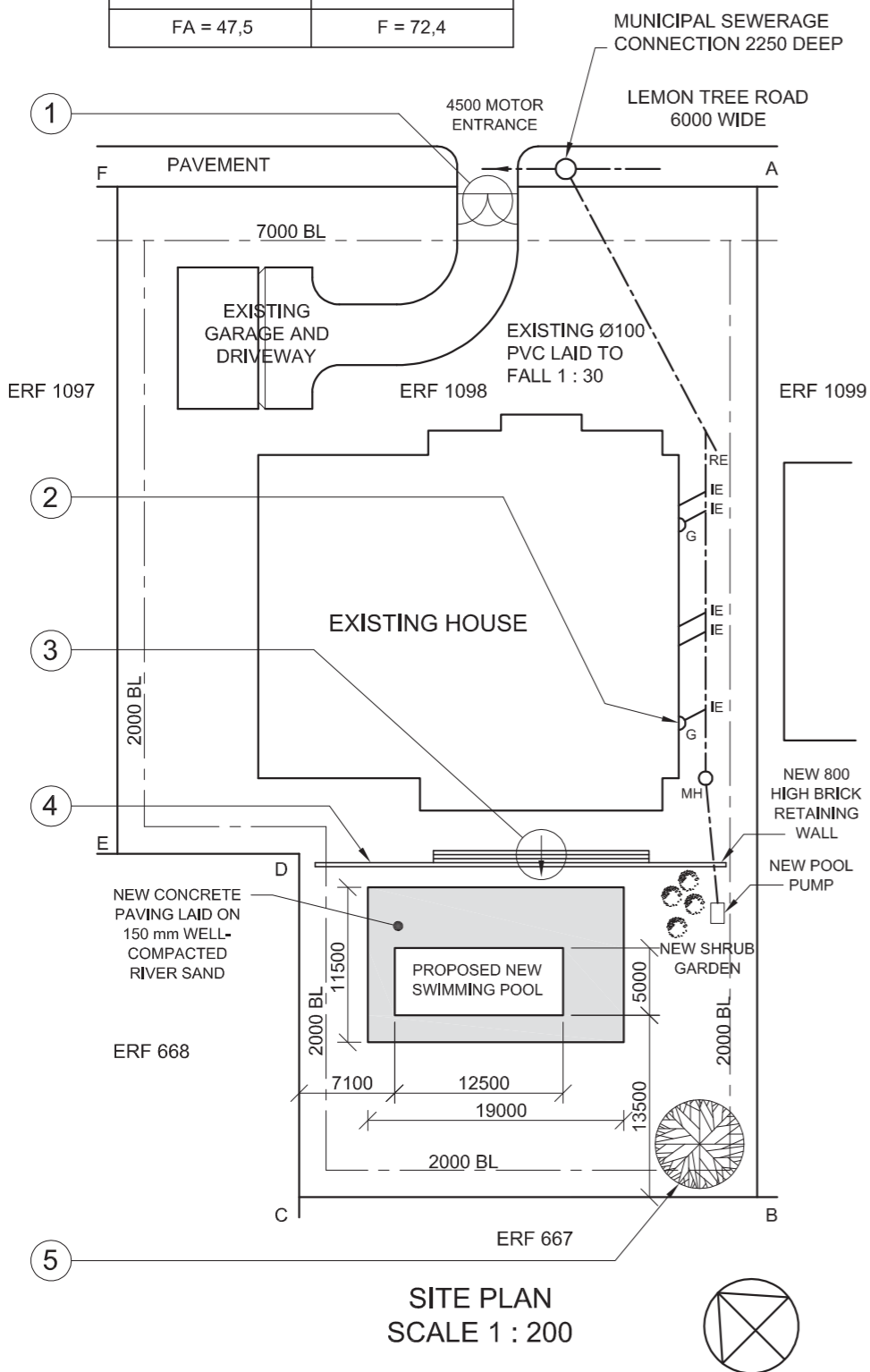
ANSWER 19
Show ALL calculations.

EXAMINATION NUMBER	
EXAMINATION NUMBER	2



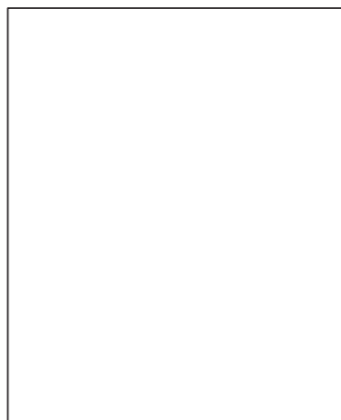
SIDE LENGTHS AND CORNER HEIGHTS ON ERF NUMBER 1098 PIETERMARITZBURG. SURVEYED ON 01-04-2011

LENGTHS IN METRES	HEIGHTS IN METRES
AB = 75	A = 73,8
BC = 34	B = 77,6
CD = 25,5	C = 77,9
DE = 13,5	D = 77,0
EF = 49,5	E = 76,9
FA = 47,5	F = 72,4



NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

20. In the space below, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol (convention) for a SHOWER.



ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

REVISION	DATE	DESCRIPTION

PRINTED BY PATSY PRINTERS DATE OF PRINT 17-02-2014

DRAWING TITLE **SITE PLAN**

PROJECT NUMBER 2014-001 DRAWN BY P XABA DATE 19-01-2014

REFERENCE CODE DBE-2014-01 CHECKED BY P THAKER DATE 05-02-2014

DRAWING NUMBER 13-001-SIP APPROVED BY M ZUNGU DATE 14-02-2014

PROJECT
PROPOSED NEW SWIMMING POOL FOR AM MBUTU ON ERF NUMBER 1098 AT 87 LEMON TREE ROAD, PIETERMARITZBURG

BUDGET DRAUGHTING
26 CHURCH STREET
PIETERMARITZBURG
Tel: 033 245 3434

QUESTION 1: ANALYTICAL (CIVIL)

Given:

The site plan of an existing house with a proposed new swimming pool, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

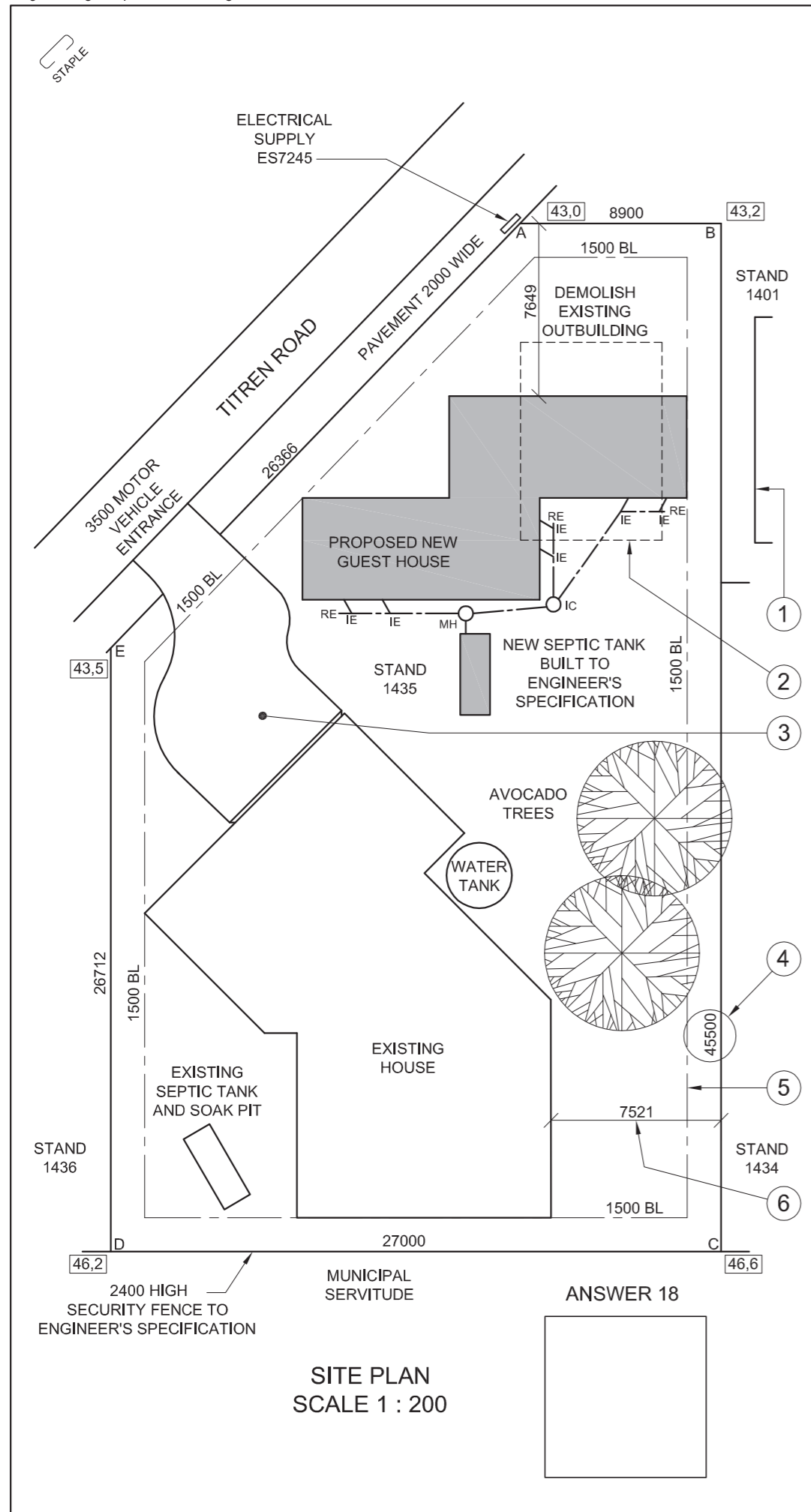
Instructions:

Complete the table below by neatly answering the questions, which all refer to the accompanying drawing and title panel. **[30]**

QUESTIONS		ANSWERS	
1	On what date was the plan approved?	1	
2	Who prepared the site plan?	1	
3	What scale is indicated for the drawing?	1	
4	What is the project number?	1	
5	What is the name of the draughting firm?	1	
6	How many stands border erf number 1098?	1	
7	What is the fall on the existing sewerage line?	1	
8	How deep is the municipal sewerage connection in metres?	1	
9	Name the encircled feature at 1.	1	
10	Name the feature labelled 'G' at 2.	1	
11	What does the arrow in the circle at 3 indicate?	1	
12	Name the feature at 4.	1	
13	Name the feature at 5.	1	
14	Which elevation of the existing house faces the pool?	1	
15	How long is the north-eastern boundary line of erf 1098 in metres?	2	
16	What is the width and length of the swimming pool in metres?	2	
17	Determine the area of the concrete paving around the swimming pool in square metres. Show ALL calculations.	3	
18	Determine the perimeter of erf 1098 in metres. Show ALL calculations.	3	
19	Determine the shortest distance from the swimming pool to the south-eastern building line in metres. Show ALL calculations.	3	
20	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol (convention) for a SHOWER.	3	
TOTAL		30	

EXAMINATION NUMBER	
EXAMINATION NUMBER	2





NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

19. In the space below, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol (convention) for a SINGLE KITCHEN SINK.



ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

REVISION	DATE	DESCRIPTION
2	2013-06-12	SEPTIC TANK
1	2013-05-25	DRIVEWAY

PROJECT
PROPOSED NEW GUEST HOUSE FOR MR R VAN DER LINDE ON STAND 1435 AT 5 TITREN ROAD SEA VIEW.

PRINTED BY: SPEEDPRINT
DATE OF PRINT: 2013-07-01

DRAWING TITLE
SITE PLAN

PROJECT NUMBER: 114
DRAWING NUMBER: 003

REFERENCE CODE: Q1P1-NOV-2013
DRAWN BY: JASON
DATE: 2013-03-14

SCALE: 1 : 200
CHECKED BY: MINKI
DATE: 2013-03-18

CM ARCHITECTS
21ST FLOOR THE SQUARE
320 SMITH STREET DURBAN
Tel: 031 352 6788/9



QUESTION 1: ANALYTICAL (CIVIL)

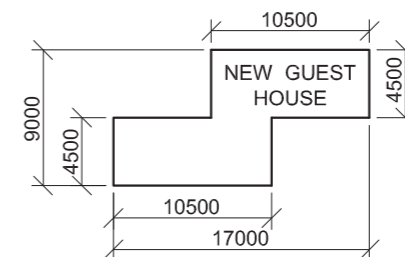
Given:

The site plan for a proposed new guest house, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which all refer to the accompanying drawing and title panel. [30]

QUESTIONS		ANSWERS	
1	How many revisions have been made to the drawing?	1	
2	How many signatures are required on the site plan?	1	
3	What is the project number?	1	
4	How wide is the motor vehicle entrance in metres?	1	
5	What does the abbreviation <i>MH</i> stand for?	1	
6	How high is the security fence in metres?	1	
7	What does the feature at 1 indicate?	1	
8	What does the line at 2 indicate?	1	
9	Name the feature at 3.	1	
10	What does the number at 4 indicate?	1	
11	What does the line at 5 indicate?	1	
12	If scale 1 : 50 was used for the site plan, what would the dimension at 6 read?	1	
13	What is the reference number of the electrical supply?	1	
14	What type of tree is found on the stand?	1	
15	In what SI unit are the dimensions?	1	
16	Is corner C of stand 1435 higher or lower than Titren Road?	2	
17	What is the shortest distance in metres from the proposed new guest house to Titren Road?	2	
18	If the side of the existing house that faces Titren Road is the south-west elevation, draw, in the space provided below the site plan and in neat freehand, a correctly orientated SANS 10143 north-point symbol.	4	
19	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SANS 10143 graphical symbol (convention) for a single kitchen sink.	4	
20	In the space below, determine the perimeter of the new guest house in metres.	3	
ANSWER 20 Show ALL calculations.		TOTAL	30



EXAMINATION NUMBER

EXAMINATION NUMBER 2

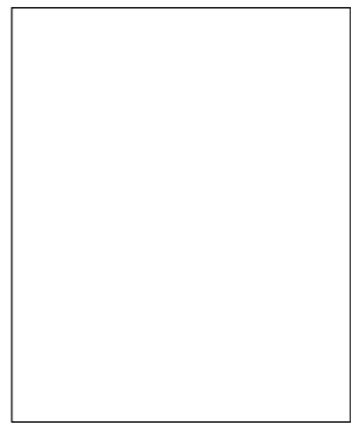


LAND SURVEYOR'S CERTIFICATE OF THE SIDE LENGTHS AND CORNER HEIGHTS ON STAND 753 PRIME CIRCLE ATHLONE. SURVEYED ON 16-09-2012

LENGTHS IN METRES	HEIGHTS IN METRES
AB = 30,885	A = 66,5
BC = 22,452	B = 65,9
CD = 40,729	C = 64,3
DE = 40,695	D = 64,8
EA = 28,825	E = 65,2

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

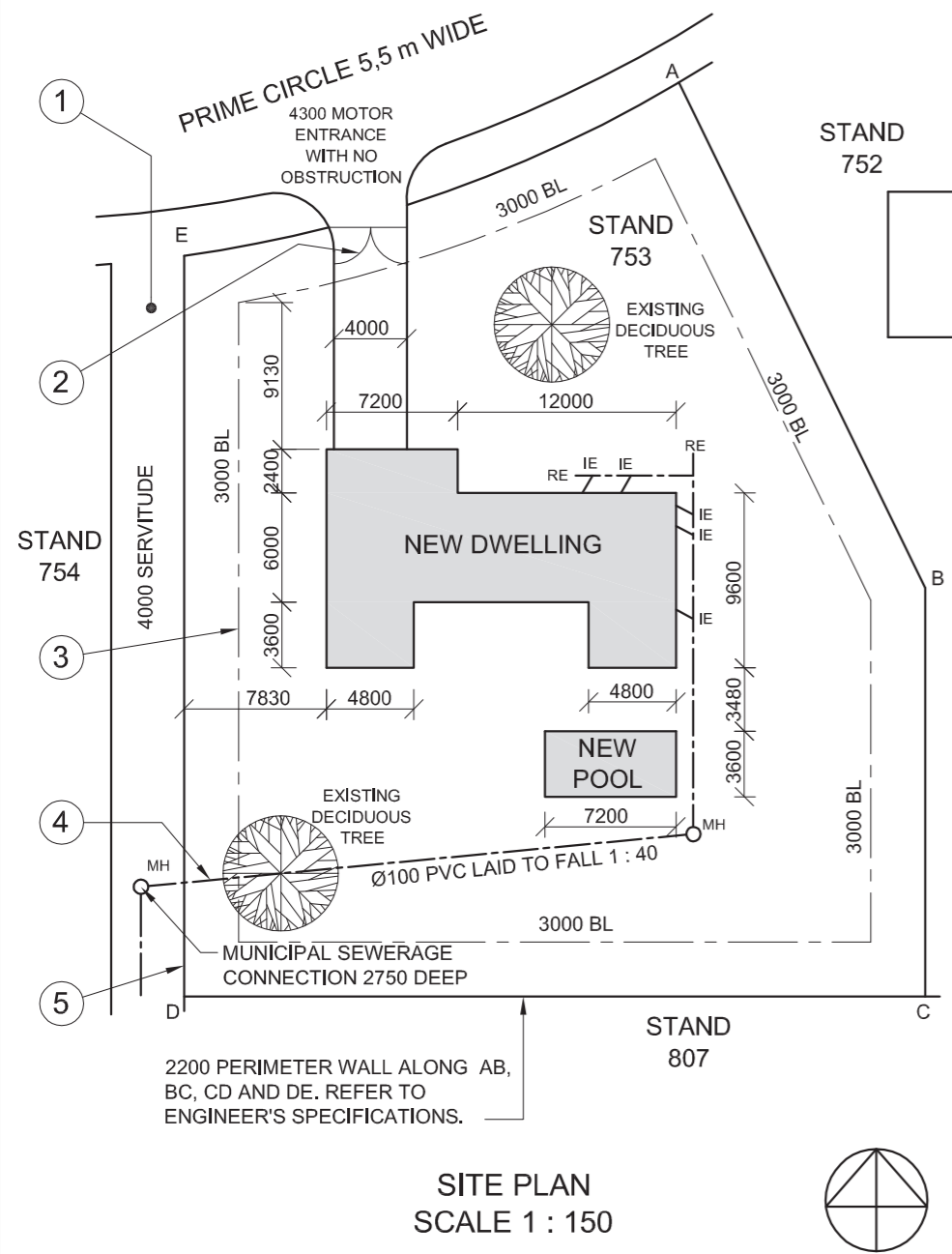
20. In the space provided below, draw, in neat freehand, the front view and top view of the SABS 0143 convention for a kitchen sink.



QUESTION 1: ANALYTICAL (CIVIL)

Given:
A site plan for a new dwelling and swimming pool, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:
Complete the table below by neatly answering the questions, which all refer to the accompanying drawing and title panel. **[30]**



ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

REVISION	DATE	DESCRIPTION
2	30-10-2012	ADD PERIMETER WALL
1	23-10-2012	MOVE POOL

PROJECT

PROPOSED NEW DWELLING FOR M PETERSEN ON STAND 753 AT 54 PRIME CIRCLE ATHLONE.

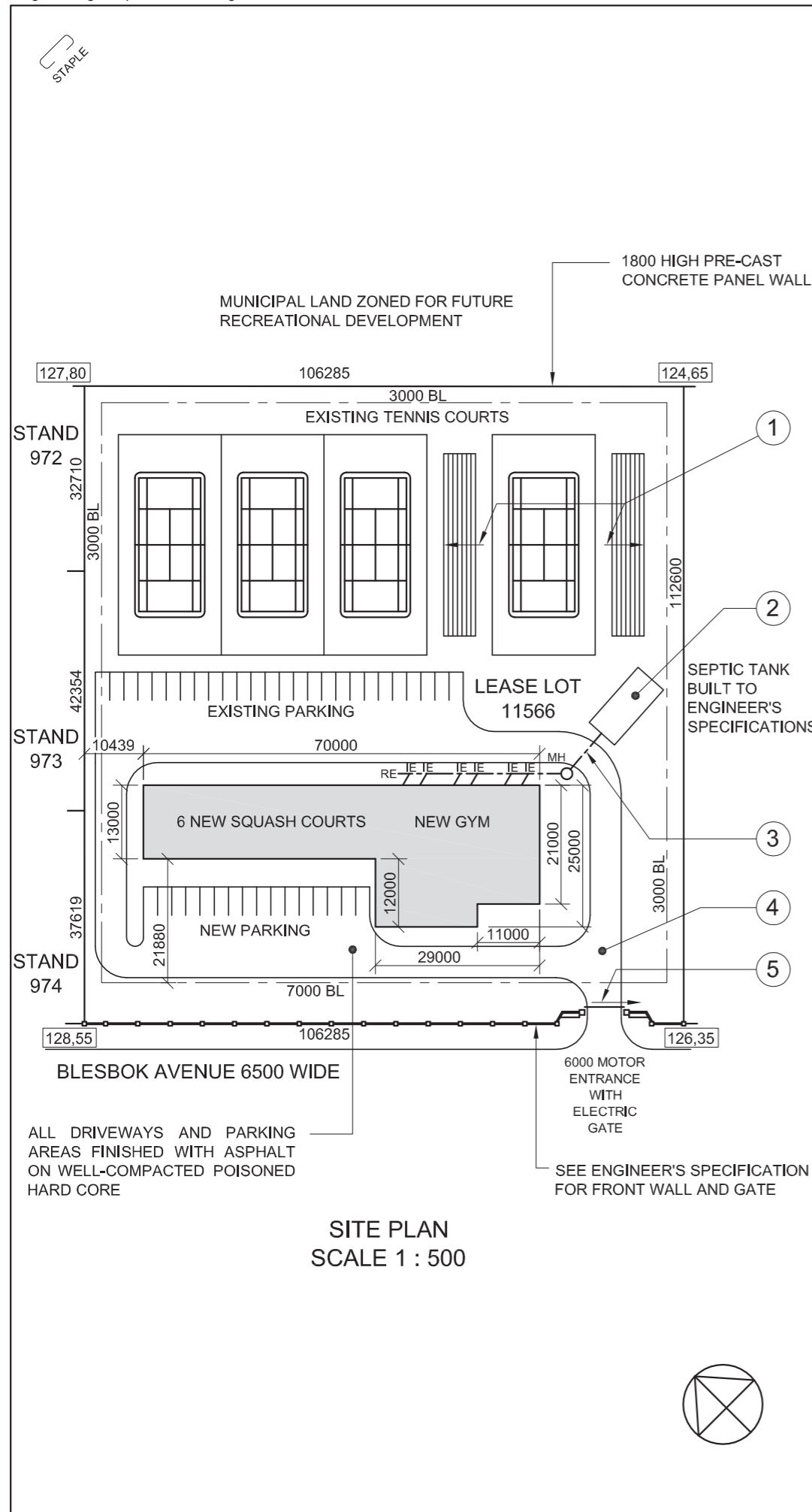
PRINTED BY PERFECT PRINT	DATE OF PRINT 12-12-2012	
DRAWING TITLE SITE PLAN		
PROJECT NUMBER 65-3	DRAWN BY PIETER	DATE 14-10-2012
REFERENCE CODE DBE-2012-01	CHECKED BY THANDI	DATE 14-10-2012
DRAWING NUMBER 1 OF 8	PASSED BY CRAIG	DATE 14-10-2012

QUESTIONS		ANSWERS	
1	On what date was the site plan printed?		1
2	Who checked the drawing?		1
3	How many revisions have been made to the drawing?		1
4	How wide is the driveway?		1
5	What is the fall of the sewerage line?		1
6	How high is the perimeter wall of the stand?		1
7	In what colour must a new dwelling on a site plan be presented?		1
8	How deep is the municipal sewerage connection?		1
9	Name the feature at 1.		1
10	Name the feature at 2.		1
11	What does the line at 3 indicate?		1
12	Name the line at 4.		1
13	Name the line at 5.		1
14	What elevation of the new dwelling faces the servitude?		2
15	Which is the lowest corner on the stand?		2
16	What is the shortest distance between the dwelling and the pool?		2
17	With reference to the sewerage, identify and give the reason why the plan could not be approved.		2
18	Determine the length of the perimeter wall in metres. Show ALL calculations.		3
19	Determine the total area of the new dwelling in square metres. Show ALL calculations.		3
20	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SABS 0143 convention for a kitchen sink.		3
TOTAL			30

THE DESIGN TEAM ARCHITECTS
15 WATERKANT STREET
CAPE TOWN
TEL: 021 555 3434

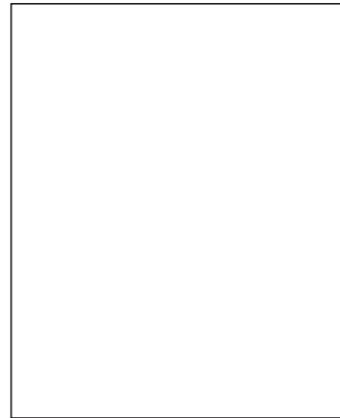
EXAMINATION NUMBER	
EXAMINATION NUMBER	2





NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be notified immediately of any discrepancies.

20. In the space provided below, draw, in neat freehand, the front view and top view of the SABS 0143 convention for a bath.



ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

REVISION	DATE	DESCRIPTION
PROJECT NUMBER 83	DRAWN BY LEBO	DATE 14-10-2012
REFERENCE CODE DBE-2012-01	CHECKED BY HOLLY	DATE 15-10-2012
DRAWING NUMBER 1 OF 8	PASSED BY TERTIA	DATE 16-10-2012
PRINTED BY ECHOPRINT	DATE OF PRINT 18-10-2012	

DESIGN FOR LIVING ARCHITECTS
15 WATERKANT STREET
CAPE TOWN
021 555 3434

PROJECT
PROPOSED NEW SQUASH COURTS AND GYM FOR THE BLESBOK AVENUE SPORTS COMPLEX ON LEASE LOT NO. 11566

DRAWING TITLE

SITE PLAN



QUESTION 1: ANALYTICAL (CIVIL)

Given:

The site plan for new squash courts and gym, a title panel and a table of questions. The drawing has not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which all refer to the accompanying drawing and title panel. **[30]**

QUESTIONS		ANSWERS	
1	What is the name of the company that designed the new squash courts and gym?	1	
2	Who prepared the drawing?	1	
3	On what date was the site plan printed?	1	
4	What is the drawing reference code?	1	
5	What must the contractors do before commencing work on the site?	1	
6	What is the height of the pre-cast concrete panel walls?	1	
7	How many manholes are shown on the site plan?	1	
8	How many new parking bays are shown on the site plan?	1	
9	What do the arrows on the pavilions at 1 indicate?	1	
10	Name the feature at 2.	1	
11	What does the line at 3 indicate?	1	
12	What is the finish on the feature at 4?	1	
13	What does the arrow at 5 indicate?	2	
14	What will the land on the north-eastern side of the sports complex be used for?	2	
15	What is the height of the highest corner on the stand?	2	
16	What does the abbreviation IE stand for?	1	
17	What is the distance from the south-western building line to the new squash courts in millimetres?	2	
18	Determine the perimeter of lease lot 11566 in metres. Show ALL calculations.	3	
19	Determine the total area of the new squash courts and gym building in square metres. Show ALL calculations.	3	
20	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SABS 0143 convention for a bath.	3	
TOTAL		30	

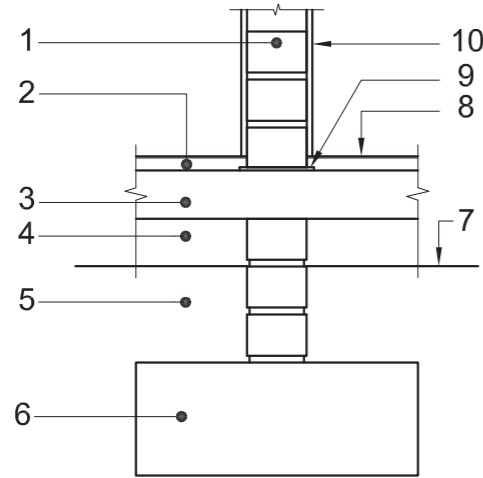
EXAMINATION NUMBER

EXAMINATION NUMBER

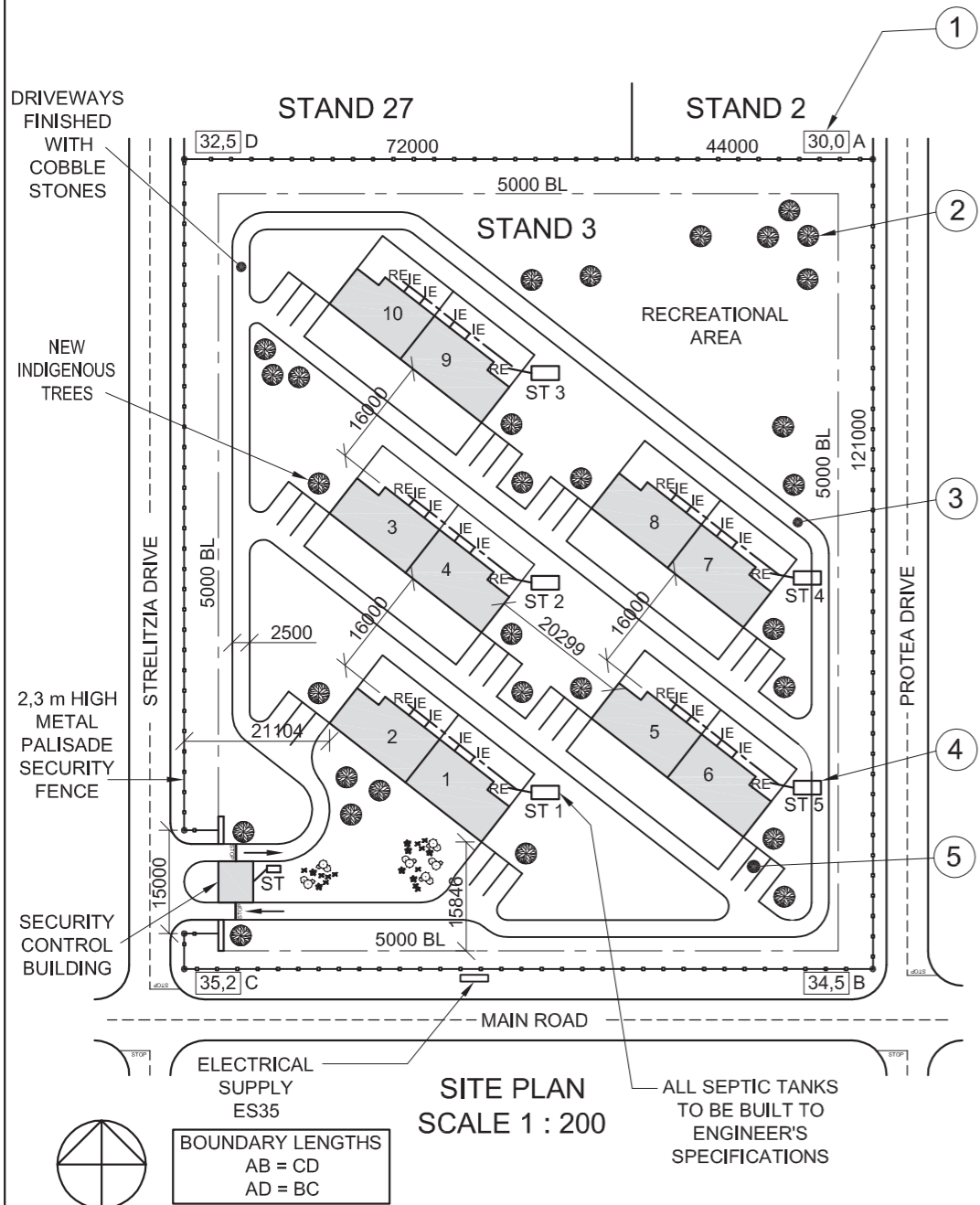
2



NOTE:
THE HATCHING DETAIL
HAS BEEN OMITTED.



DETAILED DRAWING OF A SECTION THROUGH THE
SUBSTRUCTURE OF A NON-LOAD-BEARING WALL



SITE PLAN
SCALE 1 : 200

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be immediately notified of any discrepancies.

14. In the space below, draw, in neat freehand, the front view and top view of the SABS 0143 convention for a SHOWER.



ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

REVISION	DATE	DESCRIPTION
NEW WAVE ARCHITECTS 5 ARGILE DRIVE DURBAN Tel: 031 303 8459		
PRINTED BY ZAPPY PRINTERS	DATE OF PRINT 2012-01-10	
DRAWING TITLE SITE PLAN		
PROJECT NEW CLUSTER HOMES FOR DUBE TRUST ON STAND 3 AT 58 STRELITZIA ROAD GINGINDLOVU.		
PROJECT NUMBER 18	DRAWING NUMBER 002-A	
REFERENCE CODE Q1P1-SUP-2012	DRAWN BY SANELE	CHECKED BY LEBO
DATE 2011-02-30	SCALE 1 : 200	

QUESTION 1: ANALYTICAL (CIVIL)

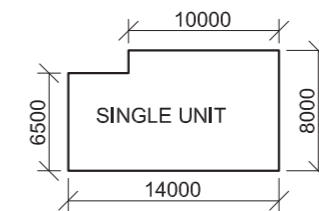
Given:

A detailed drawing of a section through the substructure of a non-load-bearing wall, the site plan for a new complex with 10 cluster homes, a title panel and a table of questions. The drawings have not been prepared to the indicated scale.

Instructions:

Complete the table below by neatly answering the questions, which all refer to the accompanying drawings and title panel. **[30]**

QUESTIONS		ANSWERS	
1	With reference to the detailed drawing of a section through the substructure of a non-load-bearing wall, link the number on the drawing with the correct component in the column to the right of this question.	FOUNDATION	10
		DAMP-PROOF COURSE	
		GROUND LEVEL	
		INTERNAL WALL	
		CONCRETE SLAB	
		COMPACTED HARDCORE	
		UNDISTURBED EARTH	
		SCREED	
		PLASTER	
		FINISHED FLOOR LEVEL	
2	What is the reference code for the drawing?		1
3	Who was responsible for the printing of the site plan?		1
4	What is the distance from the building line to the palisade fence?		1
5	In which road is the access to the property located?		1
6	What does the feature at 1 indicate?		1
7	Name the feature at 2.		1
8	Name the feature at 3.		1
9	Name the feature at 4.		1
10	Name the feature at 5.		1
11	How many buildings are on the stand?		1
12	What is the surface finish of the driveways in the complex?		1
13	Determine the total length of the metal palisade security fence line in metres. Show ALL calculations.		3
14	In the space provided in the title panel, draw, in neat freehand, the front view and top view of the SABS 0143 convention for a shower.		3
15	In the space below, determine the total area of a single unit in square metres.		3
ANSWER 15 Show ALL calculations.		TOTAL	30



EXAMINATION NUMBER	
EXAMINATION NUMBER	2

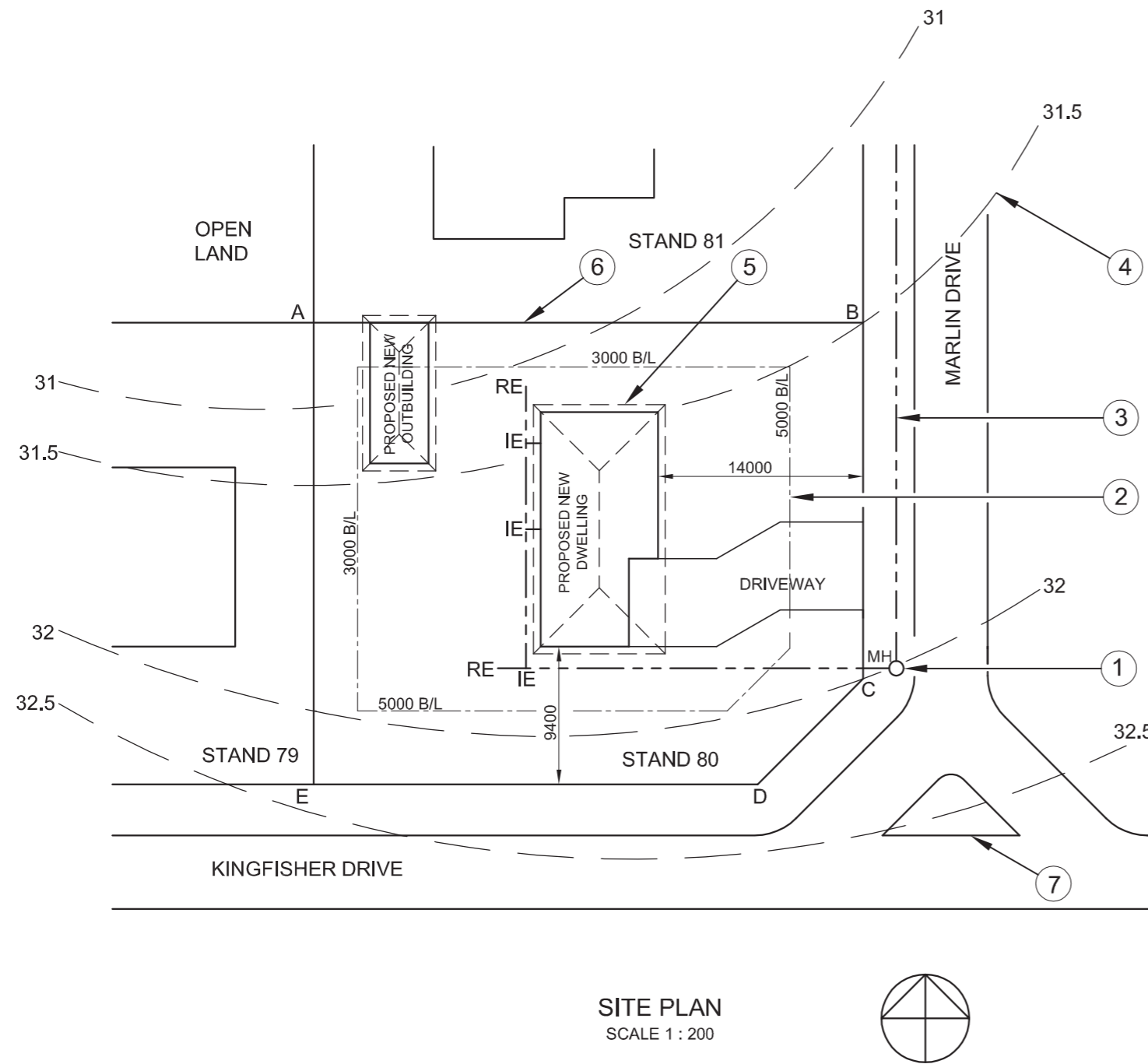


THE SITE PLAN SHOWS STAND 80
SITUATED AT KAYSERS BEACH

SURVEYED ON 12-04-2010

LAND SURVEYOR'S CERTIFICATE
SIDE LENGTHS

- AB = 37 806
- BC = 24 200
- CD = 10 615
- DE = 30 300
- EA = 31 706



QUESTION 1: ANALYTICAL (CIVIL)

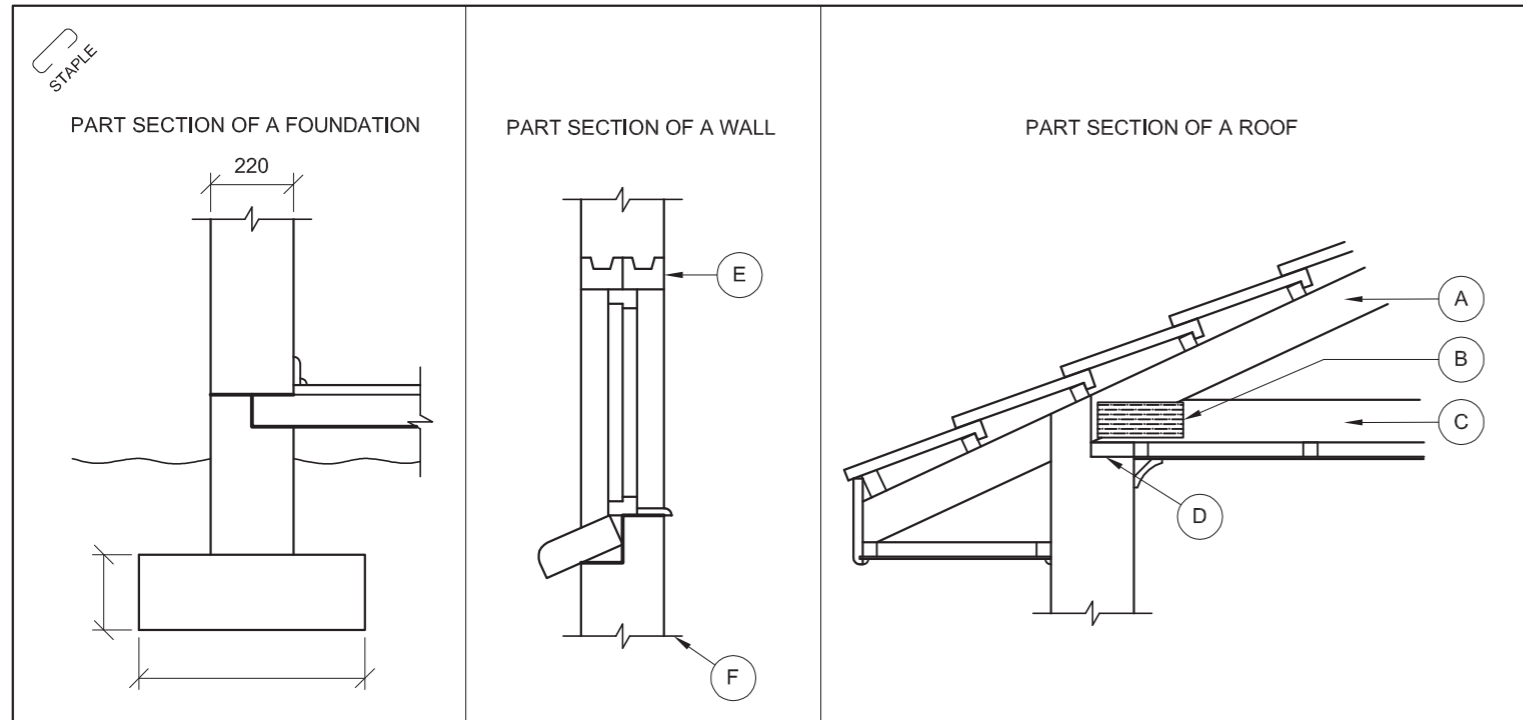
Given:
The site plan of a proposed new dwelling and outbuilding and a table of questions. The drawing is not to scale.

Instructions:
Complete the table below by neatly answering the questions, which all refer to the accompanying drawing. [27]

QUESTIONS		ANSWERS
1	Why would the site plan for the proposed new dwelling and outbuilding not be approved by the municipality?	2
2	Which stand is to the west of stand 80?	1
3	How many complete stands are shown on the site plan?	1
4	What scale is indicated for the drawing?	1
5	On what date was the site surveyed?	1
6	In which residential area is the proposed dwelling situated?	1
7	From which street is the motor vehicle access to the site?	1
8	How many rodding eyes are shown on the site plan?	1
9	What is the distance, in metres, from the municipal boundary line on Marlin Drive to the proposed new dwelling ?	1
10	What does the abbreviation IE stand for?	1
11	Name the feature at 1.	1
12	What does the line at 2 indicate?	1
13	What does the line at 3 indicate?	1
14	Name the feature at 4.	1
15	What does the line at 5 indicate?	1
16	What does the line at 6 indicate?	1
17	What does the complete feature at 7 indicate?	1
18	Determine, in metres, the difference in height between corner B and corner C of the stand.	1
19	The side of the new dwelling that faces Kingfisher Drive will be called the ____ elevation.	1
20	Determine the perimeter of the stand in metres. Show ALL calculations.	2½
21	Determine the total area of the stand in square meters. Show ALL calculations.	4½
TOTAL		27

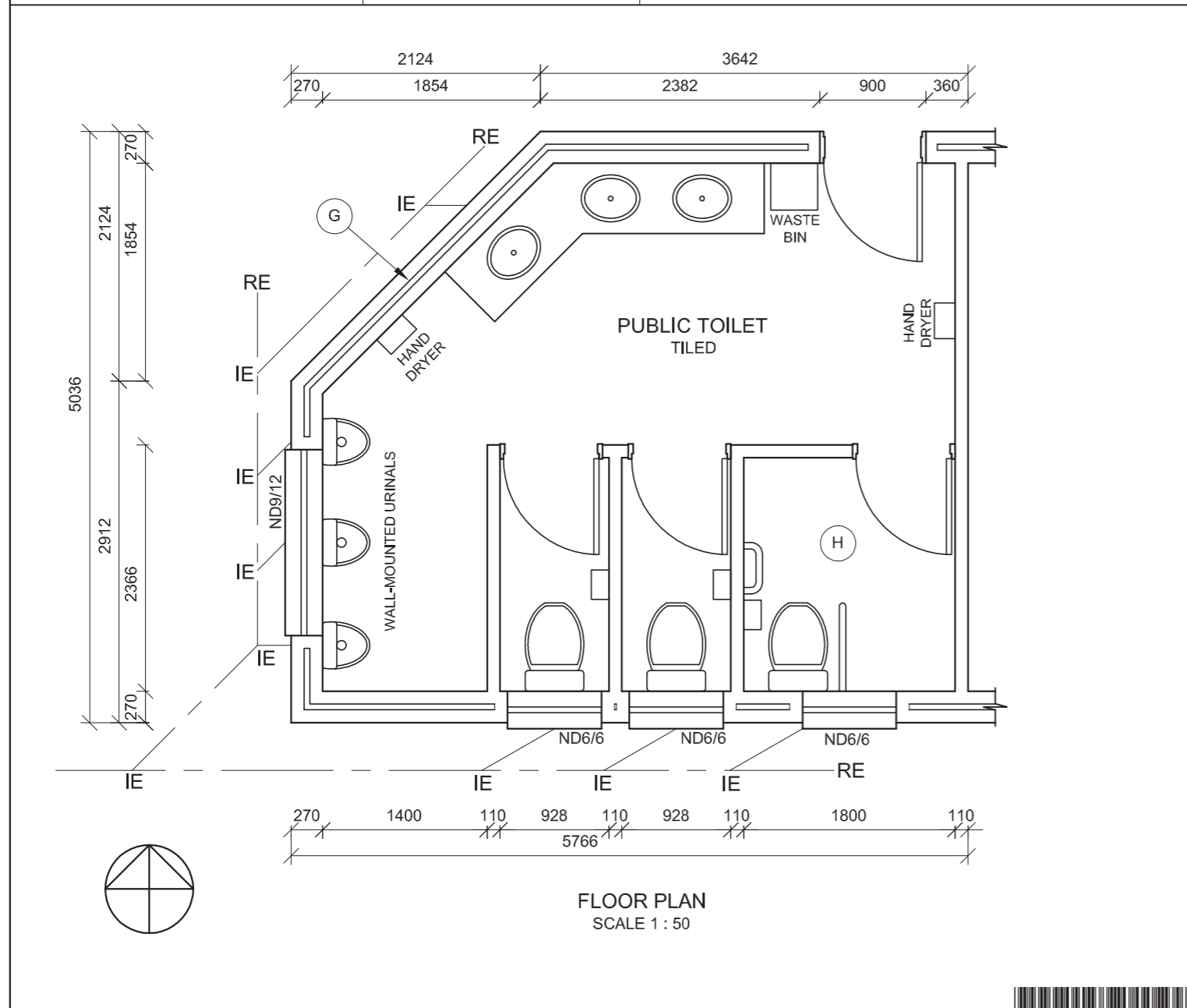
EXAMINATION NUMBER	
EXAMINATION NUMBER	2





ANSWER 13

QUESTION 1: ANALYTICAL (CIVIL)
Given:
 The part sections of a foundation, a wall and a roof, as well as a floor plan of a proposed new public toilet and a table of questions. The drawings are not to scale and no hatching detail is shown.
Instructions:
 Complete the table below by neatly answering the questions, which all refer to the accompanying drawings and the title block. **[30]**



QUESTIONS		ANSWERS	
1	Label and indicate the Natural Ground Level on the part section of the foundation.		1/2
2	Label and indicate, on the part sections of the foundation and the wall, all the places where damp-proof course must be used.		1
3	Name parts A, B, C and D on the part section of the roof.	A.	1
		B.	1
		C.	1
		D.	1
4	What type of roof covering is shown on the part section of the roof?		1
5	Name part E on the part section of the wall.		1
6	What is the function of part E on the part section of the wall?		1
7	What is the function of line F on the part section of the wall?		1
8	What does the double line at G on the outside wall indicate?		1
9	Why is the area of the toilet marked H bigger than the area for the other two toilets?		1
10	How many rodding eyes are indicated on the floor plan?		1
11	What are the codes for the TWO types of windows to be used for the public toilet?		2
12	Determine the total area of the public toilet in square metres. Show ALL calculations.		4
13	In the space provided above (ANSWER 13), draw, in neat freehand, the front view of the SABS convention for a water closet (WC).		1/32
14	Draw, in neat freehand, ALL the hatching detail for the part section of the foundation.		6
15	Insert the minimum dimensions of the foundation for a load-bearing wall on the part section of the foundation.		2
TOTAL			30

EXAMINATION NUMBER	
EXAMINATION NUMBER	2



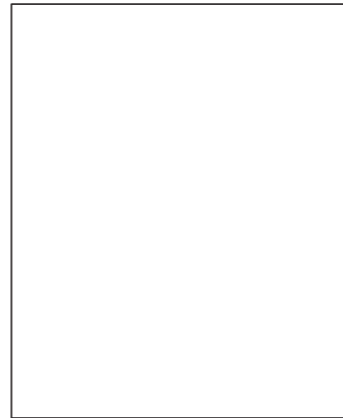


LAND SURVEYOR'S CERTIFICATE OF THE SIDE LENGTHS AND CORNER HEIGHTS OF STAND 72 AT 24 VALLEY VIEW ROAD WATERFALL SURVEYED ON 22-05-2009

LENGTHS IN METRES	HEIGHTS IN METRES
AB = 16 400	A = 157,5
BC = 11 900	B = 156,9
CD = 3 500	C = 156,3
DE = 8 700	D = 155,8
EF = 19 900	E = 155,2
FA = 20 600	F = 156,4

NOTE:
Contractors must verify all dimensions and levels on site before commencing work. Architects to be immediately notified of any discrepancies.

19. In the space below, draw, in neat freehand, the front view and top view of the SABS convention for a washbasin.



ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

REVISION	DATE	DESCRIPTION

GOVENDER & SONS ARCHITECTS
12th AVENUE WATERFALL
Tel: 031 709 8943

PRINTED BY PVDW DATE OF PRINT 09-05-2009

DRAWING TITLE
SITE PLAN

PROJECT
NEW DWELLING FOR LP BARKER ON STAND 72 AT 24 VALLEY VIEW ROAD WATERFALL

PROJECT NUMBER 25-01-2009 DRAWING NUMBER Q1P1-S-2010

REFERENCE CODE Q1P1-S-2010 DRAWN BY MARC CHECKED BY CRAIG

SCALE 1:200 DATE 25-03-09

QUESTION 1: ANALYTICAL (CIVIL)

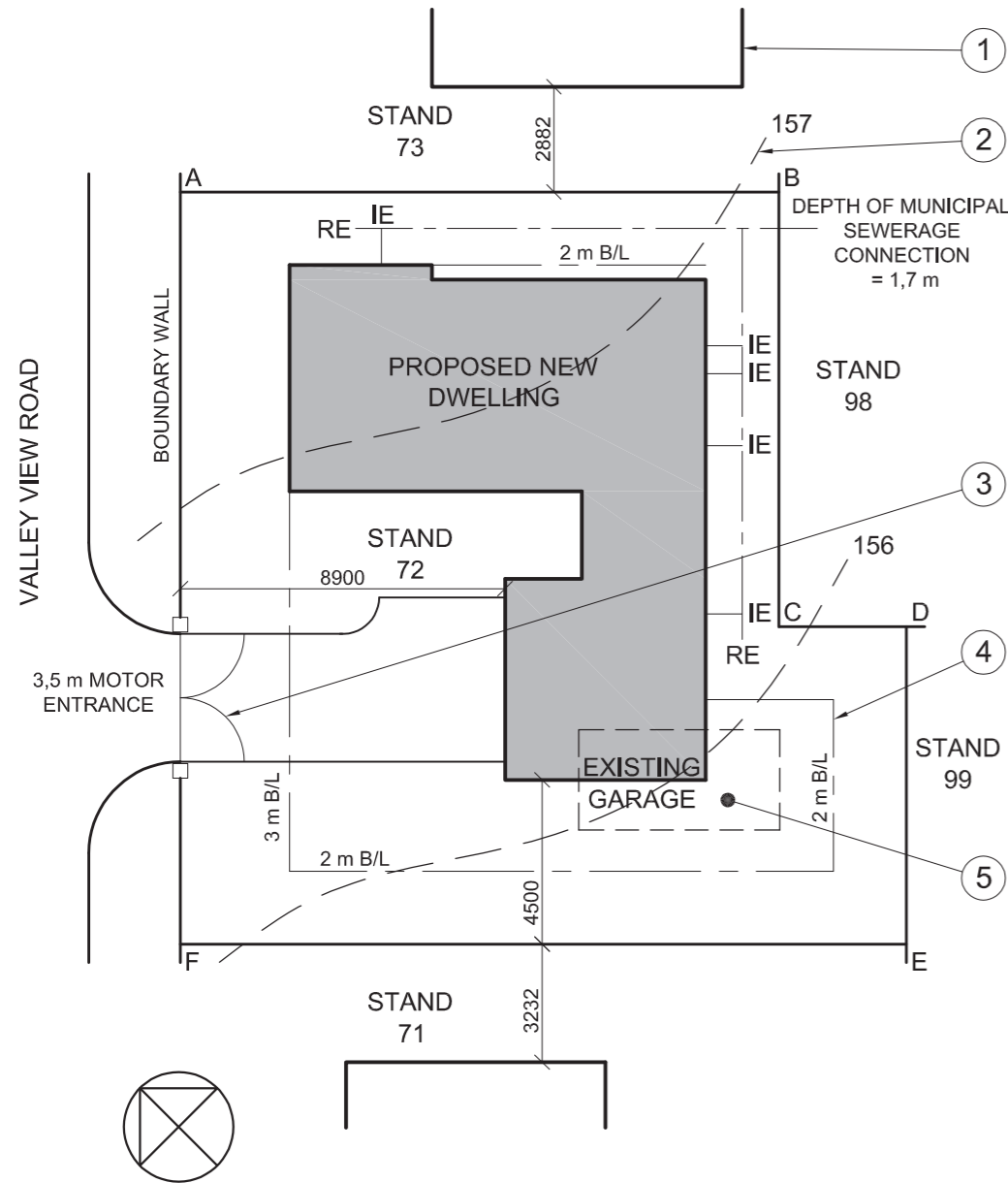
Given:

The site plan of a proposed new dwelling with a title block and a table of questions.

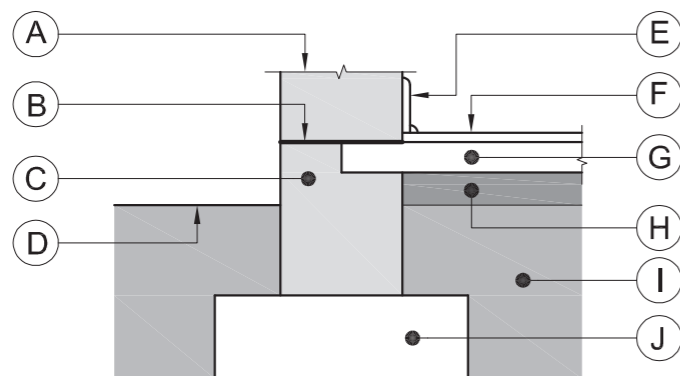
Instructions:

Complete the table below by neatly printing the answers to the questions which all refer to the accompanying drawings and title block. **[30]**

QUESTIONS		ANSWERS	
1	What is the name of the architectural firm responsible for designing the dwelling?		1
2	What scale is indicated for the drawing?		1
3	What is the reference code for the drawing?		1
4	Who checked the drawing?		1
5	How many times has the drawing been revised?		1
6	What does the line labelled 1 indicate?		1
7	What does the line labelled 2 indicate?		1
8	What does the curve labelled 3 indicate?		1
9	What does the line labelled 4 indicate?		1
10	What must happen with the existing garage labelled 5?		1
11	What is the street address of the new dwelling?		1
12	What is the stand number to the northeast of stand 72?		2
13	How far is the new dwelling from the southwestern boundary line?		2
14	What is the depth of the municipal sewerage connection?		2
15	What colour must all new concrete be on sectional elevations of presentation drawings?		2
16	What colour must all new buildings be on the site plan of presentation drawings?		1
17	Determine the total area of the stand in square metres.		3
18	If the total area of the new dwelling is 125 m ² , determine the percentage of the stand that is covered by the new dwelling.		3
19	In the space provided on the title block, draw, in neat freehand, the front view and top view of the SABS convention for a wash-basin.		4
TOTAL			30

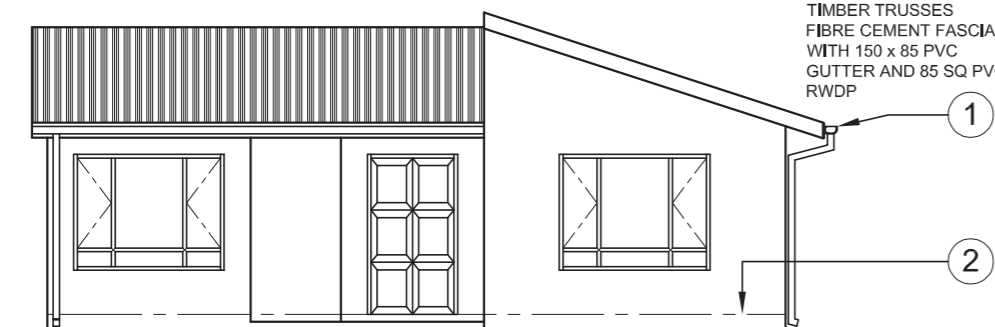


EXAMINATION NUMBER	
EXAMINATION NUMBER	2



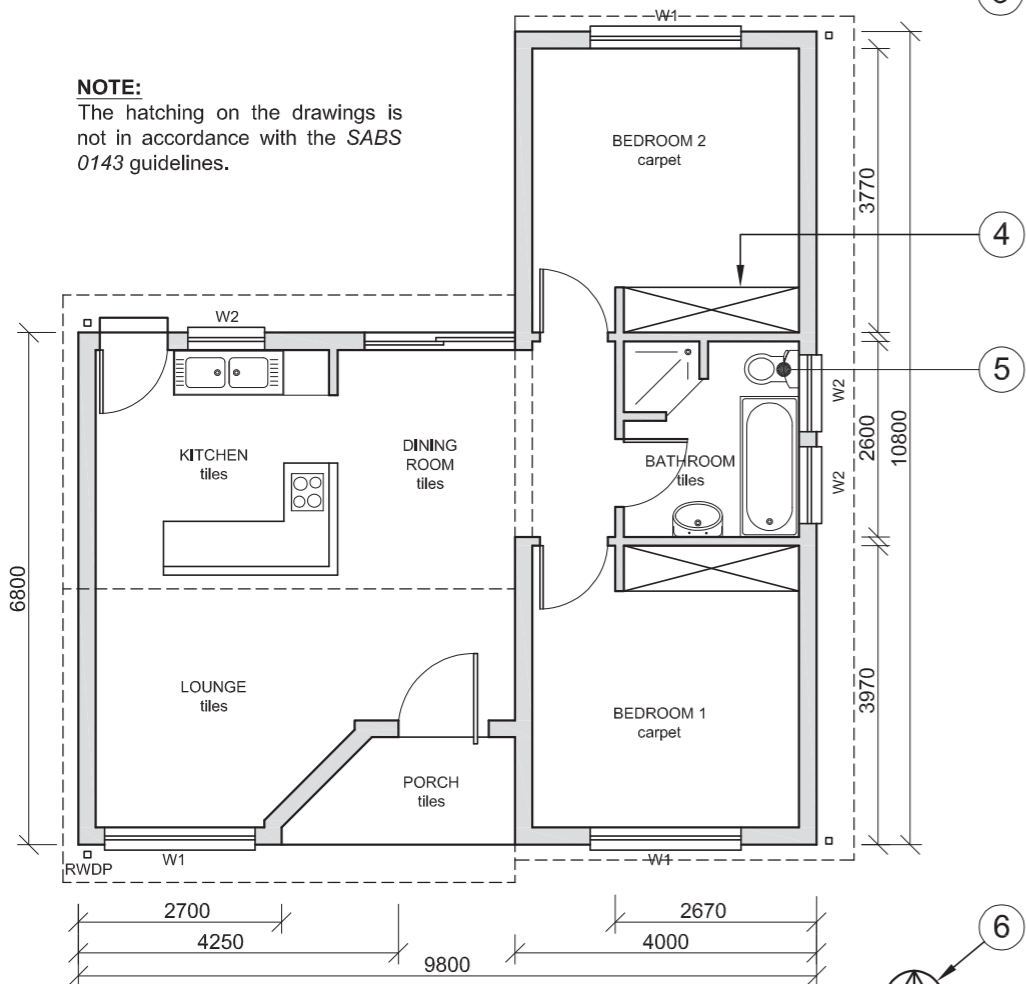
DETAILED DRAWING OF A LOAD-BEARING WALL AND FOUNDATION

ROOF NOTE:
 IBR SHEETS LAID @ 18° ON 75 x 50 PURLINS ON APPROVED WATERPROOF MEMBRANE ON 115 x 38 TIMBER TRUSSES FIBRE CEMENT FASCIAS WITH 150 x 85 PVC GUTTER AND 85 SQ PVC RWDP



VIEW 2

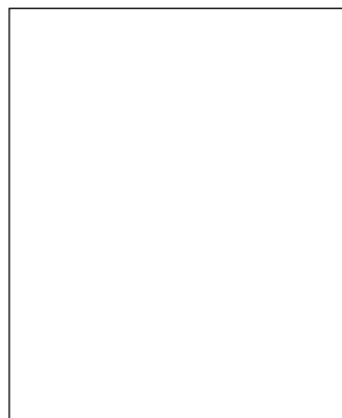
NOTE:
 The hatching on the drawings is not in accordance with the SABS 0143 guidelines.



VIEW 1

NOTE:
 Contractors must verify all dimensions and levels on site before commencing with any work. Architects to be notified immediately of any discrepancies.

15. In the space below, draw, in neat freehand, the front view and top view of the SABS convention for a BATH.



ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE



EGD ARCHITECTS
 188 SCHOEMAN STREET
 PRETORIA 0001
 Tel: 012 555 2345

REVISION 2 DATE OF REVISION 06-05-2009

PRINTED BY PVDW DATE OF PRINT 10-05-2009

REVISION DETAIL ISLAND IN KITCHEN

DRAWING TITLE
 PROPOSED NEW DWELLING FOR P MSOMI ON SUB 3 OF STAND № 49 AT 51 PLANE STREET CENTURION

PROJECT NUMBER 2009 - 351 DRAWING NUMBER

REFERENCE CODE Q1P1-N-2009 DRAWN BY P DIDI CHECKED BY S SMITH

DATE 25-01-2009 SCALE 1:100

QUESTION 1: ANALYTICAL (CIVIL)

Given:

The working drawings of a proposed new dwelling with a title block and a table of questions.

Instructions:

Complete the table below by neatly printing the answers to the questions which all refer to the accompanying drawings and title block. [30]

QUESTIONS		ANSWERS	
1	How many windows are shown on the plan?		1
2	What was the reason for the revision to the drawing?		1
3	What is the project number?		1
4	Who is the owner of the proposed new dwelling?		1
5	What scale has been used for the drawing?		1
6	Name the feature numbered 1.		1
7	What does the line numbered 2 indicate?		1
8	What does the line numbered 3 indicate?		1
9	Name the feature numbered 4.		1
10	What is the abbreviation for the fixture numbered 5?		1
11	What does the symbol numbered 6 indicate?		1
12	What would VIEW 1 be called?		1
13	What would VIEW 2 be called?		1
14	With reference to the detailed drawing of the load-bearing wall and foundation, match the letter on the drawing with each of the features listed.	LOAD-BEARING WALL DAMP-PROOF COURSE LINE BREAK SCREED COMPACTED HARDCORE	5
15	In the space provided in the title block, draw, in neat freehand, the front view and top view of the SABS convention for a bath.		4
16	What is the pitch (angle) of the roof?		1
17	What colour must all new window glass be on a presentation drawing?		1
18	Determine the perimeter of the dwelling in metres.		3
19	Determine the total area of the dwelling in m ² .		3
TOTAL			30

EXAMINATION NUMBER	
EXAMINATION NUMBER	2

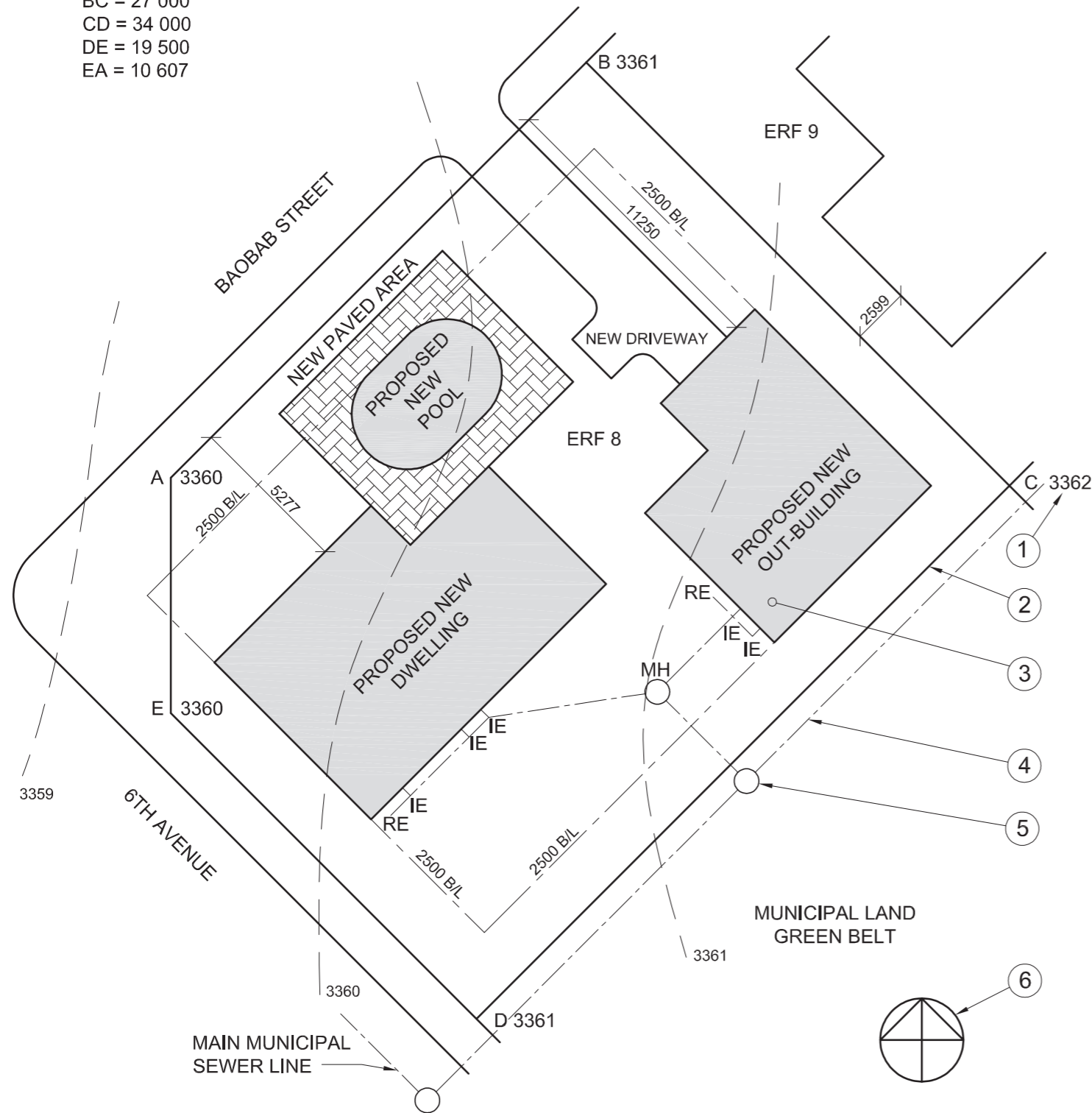


THE SITE PLAN SHOWS ERF 8
SITUATED IN GOODWOOD

SURVEYED ON 19-02-2009

LAND SURVEYOR'S CERTIFICATE
SIDE LENGTHS

- AB = 26 500
- BC = 27 000
- CD = 34 000
- DE = 19 500
- EA = 10 607



SITE PLAN
SCALE 1:250

QUESTION 1: ANALYTICAL (CIVIL)

Given:

A table of questions and the site plan of a proposed new dwelling, not to scale.

Instructions:

Complete the table below by neatly printing the answers to the questions, which all refer to the accompanying drawing. [27]

QUESTIONS		ANSWERS	
1	How many new buildings have been proposed on the stand?		1
2	What is the stand number to the northeast?		1
3	What is the scale of the drawing?		1
4	On what date was the site surveyed?		1
5	What must the building contractor place around the new pool?		1
6	What street runs along the southwestern boundary?		1
7	For what purpose has the municipality reserved the stand behind the property?		1
8	What is the distance from the municipal boundary line on 6th Avenue to the proposed new dwelling?		1
9	How many inspection eyes are there?		1
10	Name the feature at 1.		1
11	What does the line at 2 indicate?		1
12	Name the feature at 3.		1
13	What does the line at 4 indicate?		1
14	Name the feature at 5.		1
15	Name the feature at 6.		1
16	Determine, in metres, the difference in height between corner C and corner E on the stand.		2
17	Determine, in metres, the total length of the stand boundary facing the roads.		2
18	The side of the new dwelling that faces Baobab Street will be called the ____ elevation.		2
19	Determine the perimeter of the stand in metres.		3
20	Determine the total area of the stand in m ² .		3
		TOTAL 27	

EXAMINATION NUMBER	
EXAMINATION NUMBER	2



THE SITE PLAN SHOWS ERF 99
SITUATED IN EAST LONDON

SURVEYED ON 25-09-2008

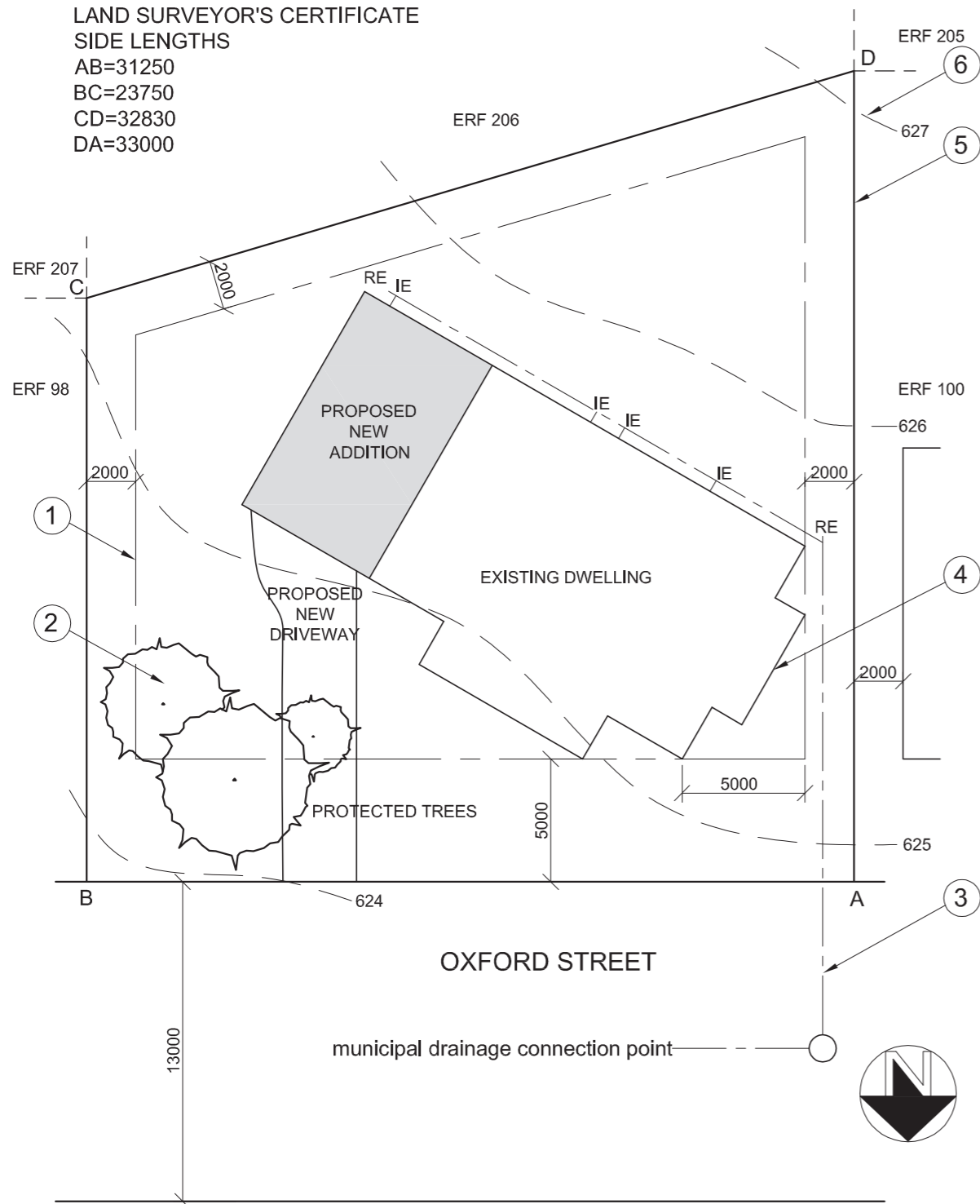
LAND SURVEYOR'S CERTIFICATE
SIDE LENGTHS

AB=31250

BC=23750

CD=32830

DA=33000



SITE PLAN
SCALE 1:200

QUESTION 1: ANALYTICAL (CIVIL)

Given:

A table of questions and a site plan of a proposed new addition to an existing dwelling.

Instructions:

Complete the table below by neatly printing the answers to the questions, which all refer to the accompanying drawing. **[25]**

QUESTIONS		ANSWERS
1	What type of drawing is shown?	1/2
2	What is the erf number of the site?	1/2
3	What is the scale of the drawing?	1/2
4	On what date was the site surveyed?	1/2
5	What is the total length of the front of the erf in metres?	1
6	What SI unit is used for the dimensions?	1
7	In which South African city would you find this property?	1
8	What is the distance from the municipal boundary line on Oxford Street to the front building line of the property?	1
9	How many inspection eyes are there?	1
10	What is the feature at 1 called?	1
11	What is the feature at 2 called?	1
12	What is the feature at 3 called?	1
13	What is the feature at 4 called?	1
14	What is the feature at 5 called?	1
15	What is the feature at 6 called?	1
16	What is the height difference between corner B and corner D on the erf?	2
17	The municipality rejected the plan because of the driveway. Why?	2
18	The side of the new addition that faces Oxford Street will be called the ____ elevation.	2
19	Determine the perimeter of the erf in metres.	3
20	Determine the total area of the erf in m ² .	3
		TOTAL 25

EXAMINATION NUMBER	
EXAMINATION NUMBER	2

STAPLE

QUESTION 1: ANALYTICAL (CIVIL)

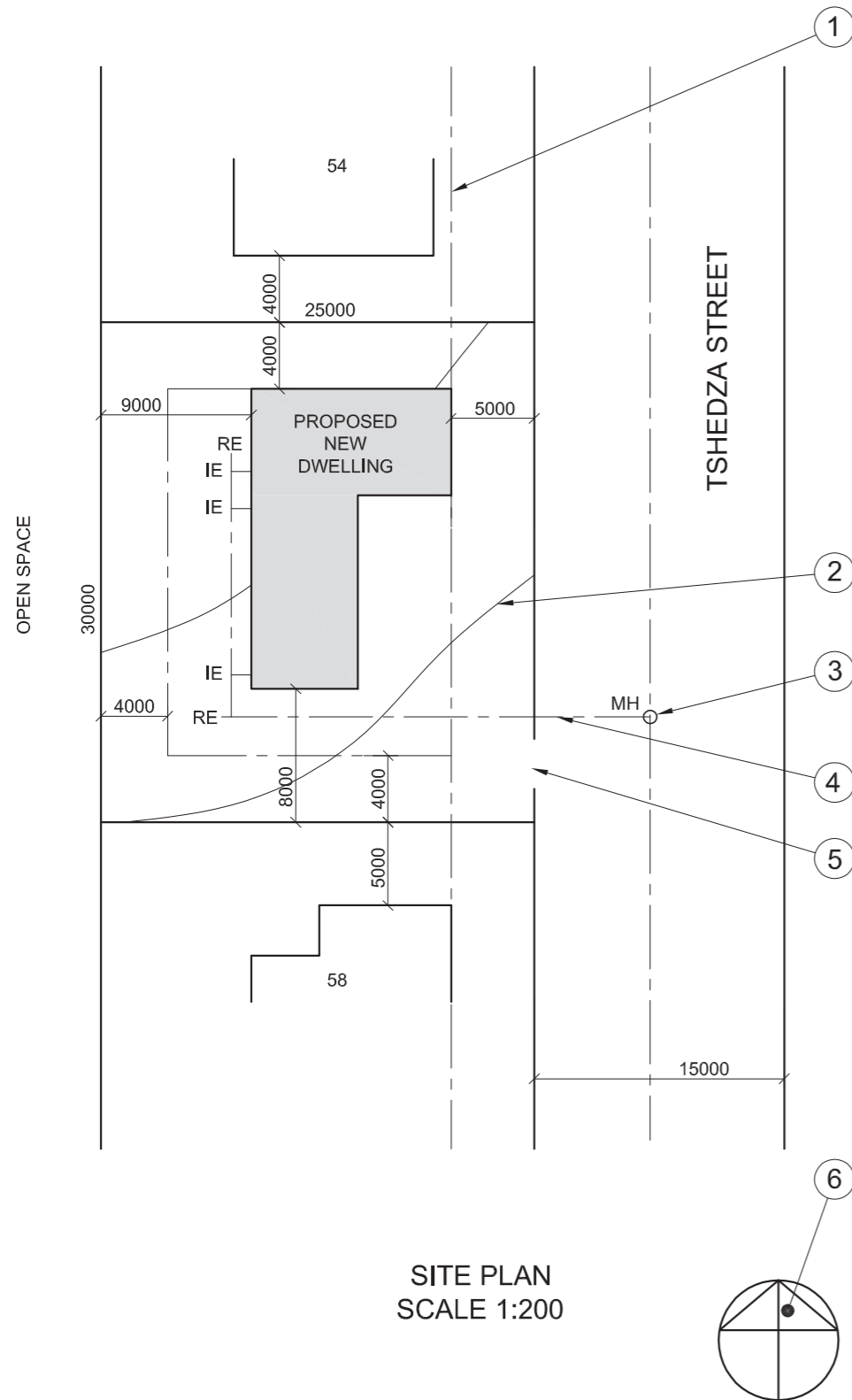
Given:

A site plan of a proposed dwelling and questions.

Instructions:

Complete the table below by answering the questions which all refer to the accompanying drawing.

[25]



QUESTIONS		ANSWERS	
1	What is the scale of the drawing?		1
2	What is the name of the street?		1
3	What is the site number of the adjacent property on the south side?		1
4	What is built on the adjacent property behind the proposed dwelling?		2
5	What colour must a proposed new dwelling be on a site plan?		1
6	What is the site number of the proposed dwelling?		1
7	What is the width of the street in metres?		1
8	What do the letters IE stand for?		1
9	What do the the letters RE stand for?		1
10	What is the feature at 1 called?		1
11	What is the feature at 2 called?		1
12	What is the feature at 3 called?		1
13	What is the feature at 4 called?		1
14	What is the feature at 5 called?		1
15	What is the feature at 6 called?		1
16	What is the distance between the proposed dwelling and the dwelling on site number 58?		2
17	What is the distance from the boundary line to the building line at the back of the property?		2
18	The side of the house that faces the road will be called the _____ elevation?		1
19	What is the total length of the dwelling in metres?		2
20	What is the total area of the site in m ² ?		2
		TOTAL 25	

EXAMINATION NUMBER	
EXAMINATION NUMBER	2