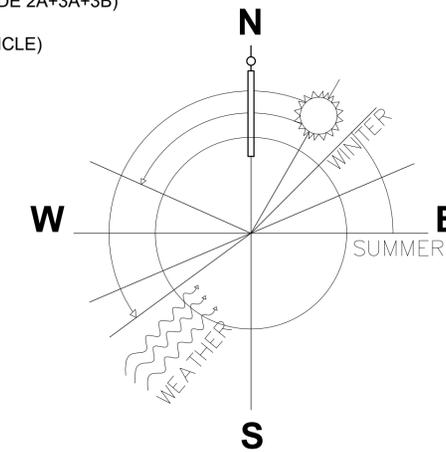


AERIAL VIEW

LEGEND:

- A - 3 CLASSROOM BLOCK (GRADE R) + ADMIN
- B - KITCHEN
- C - PARKHOME USED AS CLASSROOM
- D - MALE ABLUTION BLOCK (10 CUBICLE)
- E - FEMALE ABLUTION (10 CUBICLE)
- F - 3 CLASSROOM BLOCK (GRADE 1A-1C)
- G - PARK HOME
- H - 1 CLASSROOM BLOCK (GRADE 2F)
- I - 2 CLASSROOM BLOCK (GRADE 1D+1E)
- J - 2 CLASSROOM BLOCK (GRADE 2C+2D)
- K - 4 CLASSROOM BLOCK (GRADE 6A-6D)
- L - TEACHER ABLUTION BLOCK (2 CUBICLE)
- M - 4 CLASSROOM BLOCK (GRADE 7A-7D)
- N - 4 CLASSROOM BLOCK (GRADE 4A-4D)
- O - ADMIN
- P - 2 CLASSROOM BLOCK (GRADE 4E+5E)
- Q - 4 CLASSROOM BLOCK (GRADE 5A-5D)
- R - 2 CLASSROOM BLOCK (GRADE 1+2)
- S - 2 CLASSROOM BLOCK (GRADE 1+3)
- T - 4 CLASSROOM BLOCK (GRADE 2B+3C-3E)
- U - 3 CLASSROOM BLOCK (GRADE 2A+3A+3B)
- V - GUARD HOUSE
- W - FEMALE ABLUTION (10 CUBICLE)



1 SITE PLAN
NTS

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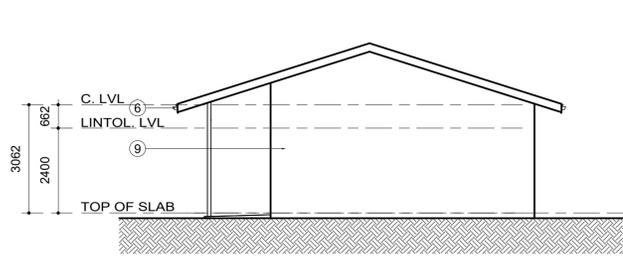


discipline ARCHITECTURAL
 service

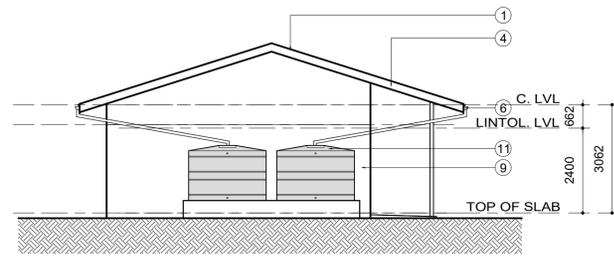


drawing title
KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME
MBASELA PRIMARY SCHOOL
 EMIS NO.: 500203870
 SITE PLAN

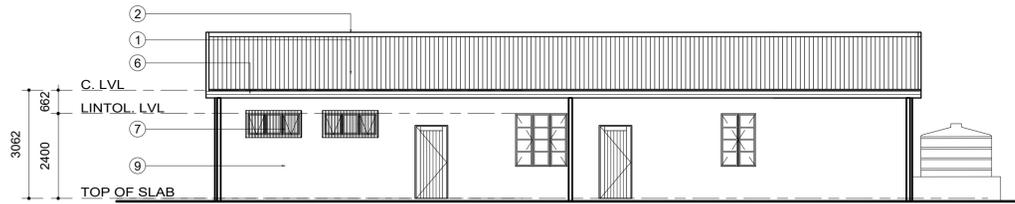
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drawing number			REV



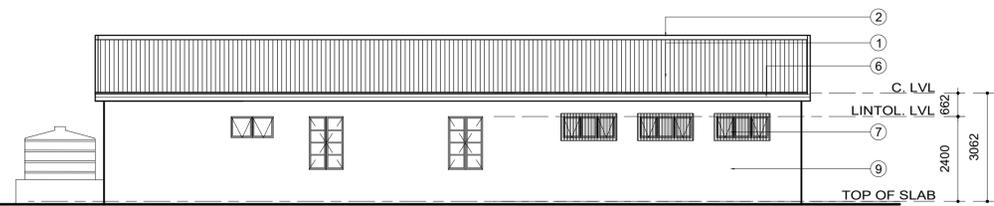
4 EAST ELEVATION
SCALE 1:100



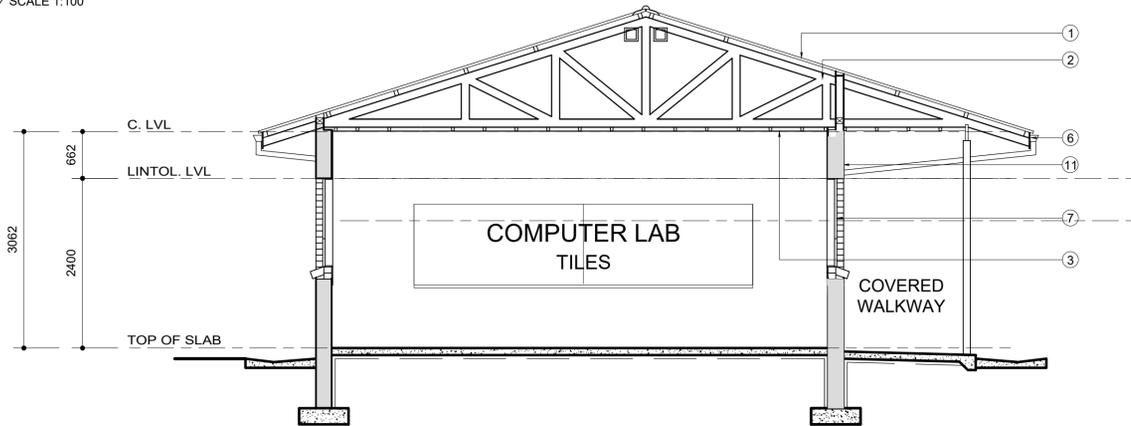
5 WEST ELEVATION
SCALE 1:100



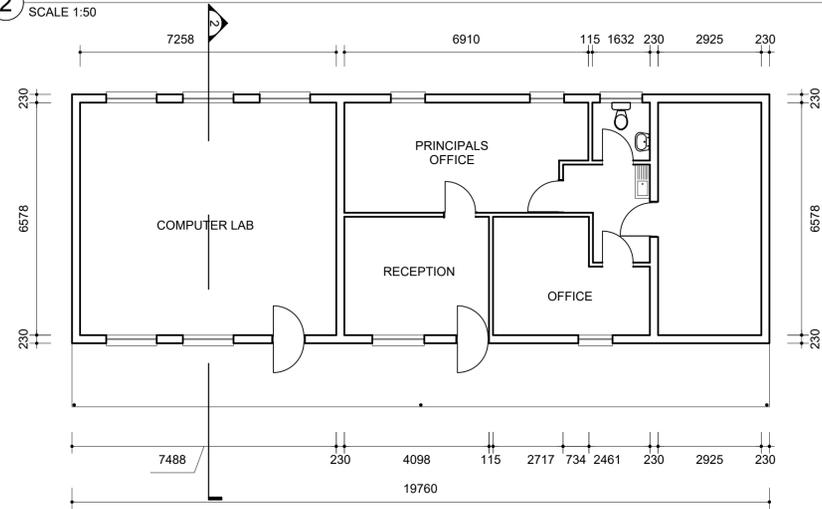
6 NORTH ELEVATION
SCALE 1:100



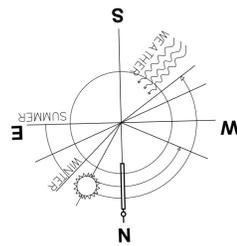
3 SOUTH ELEVATION
SCALE 1:100



2 SECTION
SCALE 1:50

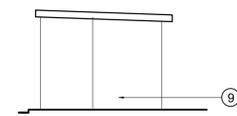


1 GROUND FLOOR PLAN
SCALE 1:100

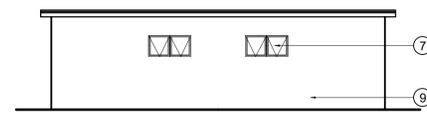


LEGEND

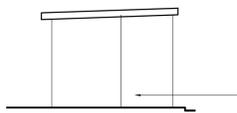
1. Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
2. Existing timber trusses to remain with new 0.50 mm - G550 AZ150, ColorPlus® Steel IBR with integral stiffening rib steel roof sheeting and accessories with ColorPlus® and ZincAL® finish on one side and protective primer coating on the reverse side fixed to timber purlins with equal spacing. All sheeting is to be clearly marked on the reverse side at one metre intervals indicating thickness, material quality, coating thickness and paint system.
3. Existing ceiling to be removed and replaced with Rhinoboard ceilings including branding and cornices.
4. Existing fascias to be removed and replaced with new fibre cement fascias.
5. New nutek fibre cement barge boards to be provided at gable ends.
6. Replace all gutters and downpipes with new aluminium gutters and downpipes.
7. REFURBISH windows and provide new GLAZING to match existing as shown with all mechanisms as supplied by specialist supplier.
8. Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
9. Internal/External walls to be re-plastered and primed and painted.
10. Remove existing floor finish, inspect floor and allow 15 % screed to floor area, and install new floor finish.
11. Rain water harvesting tank on concrete plinth to engineer's detail and specifications.
12. Dilapidated sanitary-ware to be replaced with new fittings to match existing.
13. All external walls with facebrick finish to be acid cleaned with high pressure washer.
14. New 100Ø GMS support posts with beam over to support roof above to match existing All to Engineers detail.
15. New 100Ø GMS balustrade match existing All to Engineers detail.



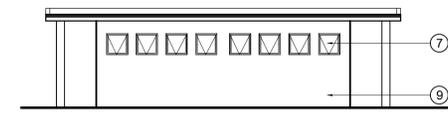
4 NORTH ELEVATION
SCALE 1:100



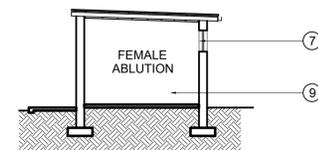
5 EAST ELEVATION
SCALE 1:100



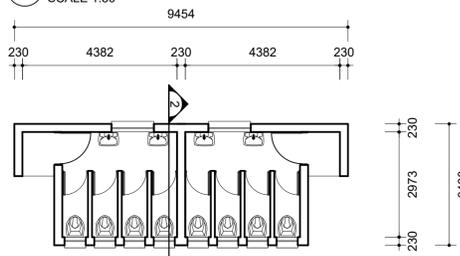
3 SOUTH ELEVATION
SCALE 1:100



6 WEST ELEVATION
SCALE 1:100



2 SECTION
SCALE 1:50



1 GROUND FLOOR PLAN
SCALE 1:100

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discipline ARCHITECTURAL

service



drawing title

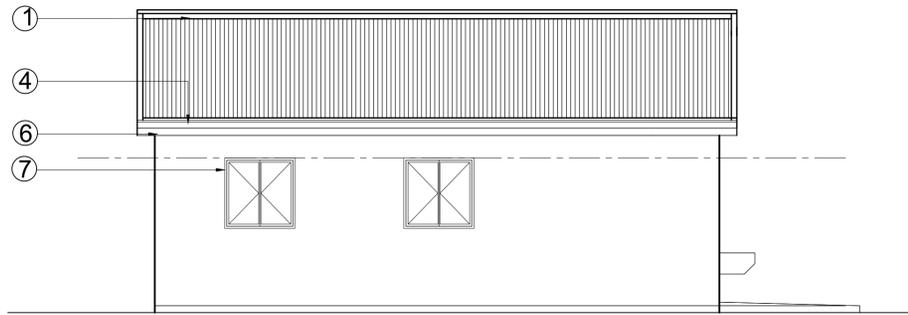
KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME

MBASELA PRIMARY SCHOOL

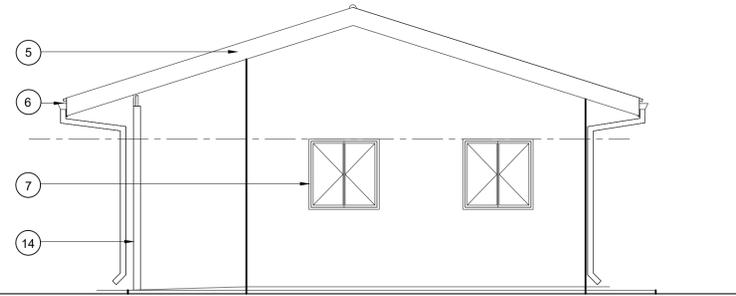
EXISTING ADMIN BLOCK, MALE AND FEMALE ABLUTIONS BLOCK W PLAN, SECTION, ELEVATION

ref.no.	000000	designed	000000
scale	AS INDICATED	drawn	KB
date	MAY 2019	checked	LC
drawing number			REV

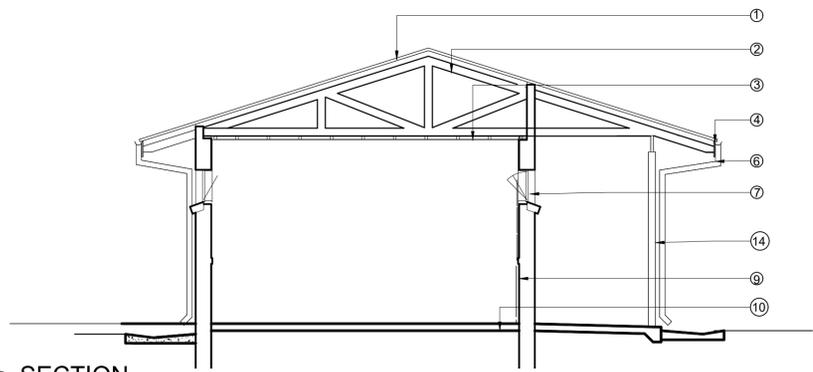
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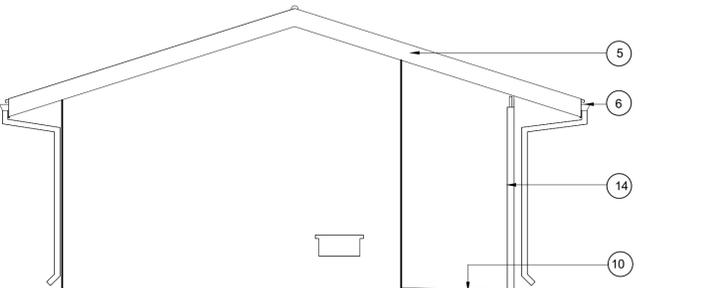
3 REAR ELEVATION
SCALE 1:50



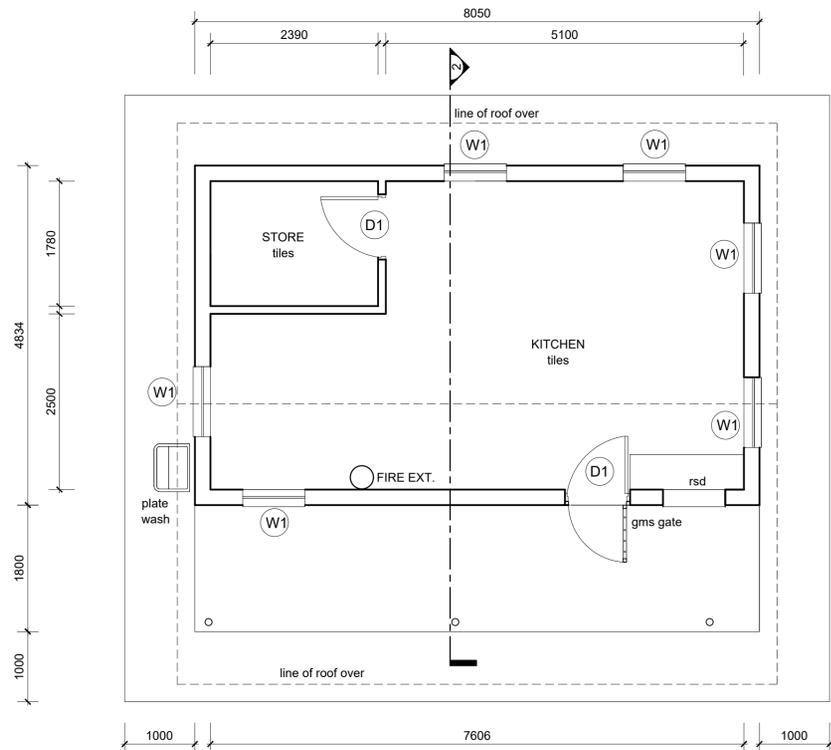
4 SIDE ELEVATION
SCALE 1:50



2 SECTION
SCALE 1:50



5 SIDE ELEVATION
SCALE 1:50

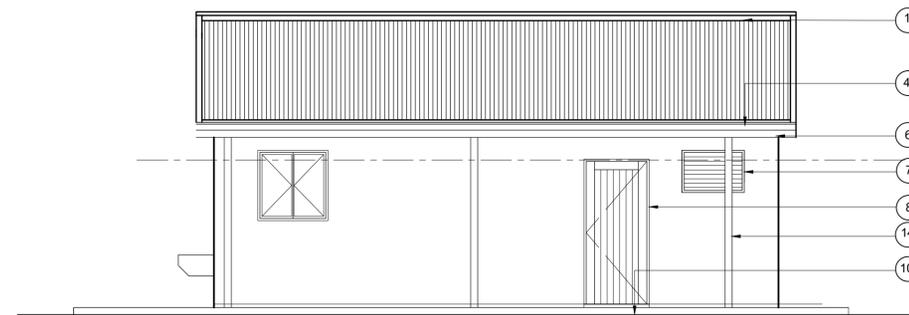


1 PLAN
SCALE 1:50

LEGEND

1. Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
2. Existing timber trusses to be replaced with prefabricated timber roof trusses at 17,5° roof pitch to take 0.55mm ibr colourplus - az 150 roof sheeting and sisalation with ridge flashing.
3. Existing ceiling to be removed and replaced with Rhinoboard ceilings including branding and cornices
4. Existing fascias to be removed and replaced with new fibre cement fascias.
5. New nutek fibre cement barge boards to be provided at gable ends
6. Replace damaged gutters and downpipes with new aluminium gutters and downpipes
7. Rub, prime and paint all steel windows allow for replacement of window panes(40%)
8. Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
9. Internal walls to be re-plastered and primed and painted. Facebrick at dado level to be acid cleaned with high pressure washer.
10. Remove existing floor finish, inspect floor and allow 15 % screed to floor area, and install new floor finish.
11. Rain water harvesting tank on concrete plinth to engineer's detail and specifications
12. Dilapidated sanitary-ware to be replaced with new fittings to match existing
13. All external walls with facebrick finish to be acid cleaned with high pressure washer.
14. GMS support posts with beam over to support roof above to Engineers detail.

6 FRONT ELEVATION
SCALE 1:50



No.	DATE	AMENDMENT	D.P.W.

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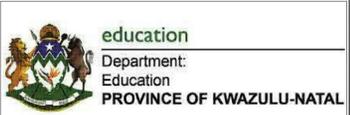
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discipline ARCHITECTURAL

service



drawing title

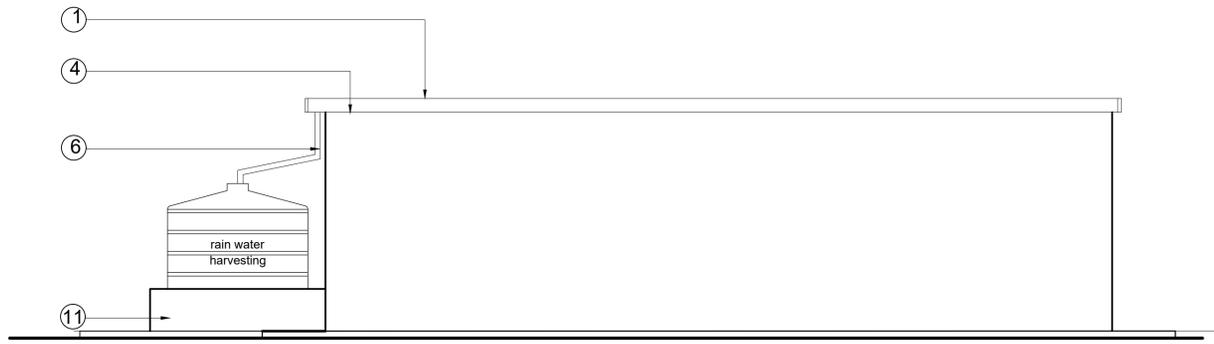
KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME

MBASELA PRIMARY SCHOOL

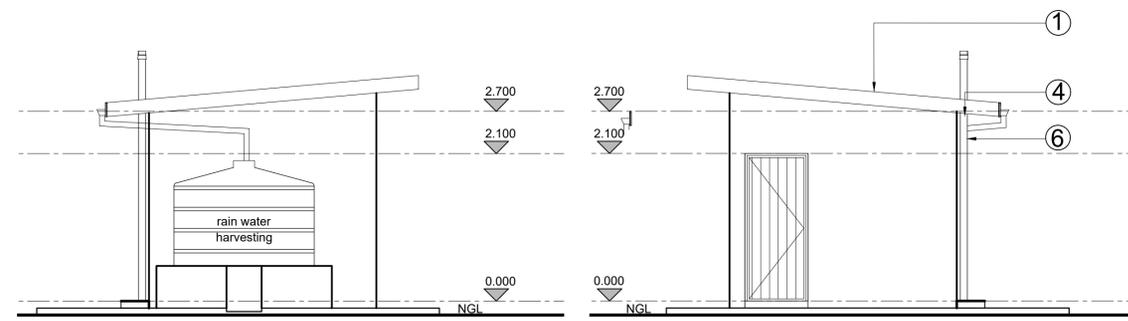
EXISTING BLOCK B
TYPICAL KITCHEN
PLAN,SECTION,ELEVATION

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date	MAY 2019	checked	LC
drawing number			REV

1120.19-MBA-GA-2003

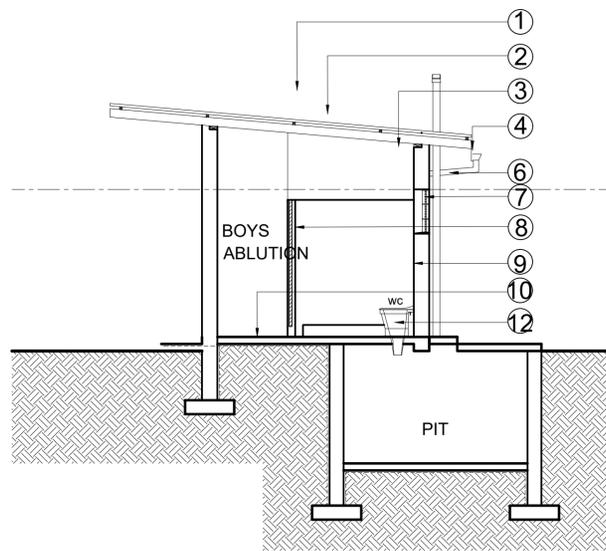


3 REAR ELEVATION
SCALE 1:50

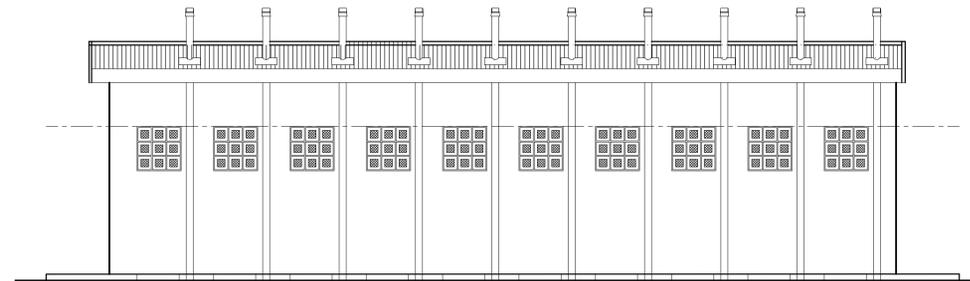


4 SIDE ELEVATION
SCALE 1:50

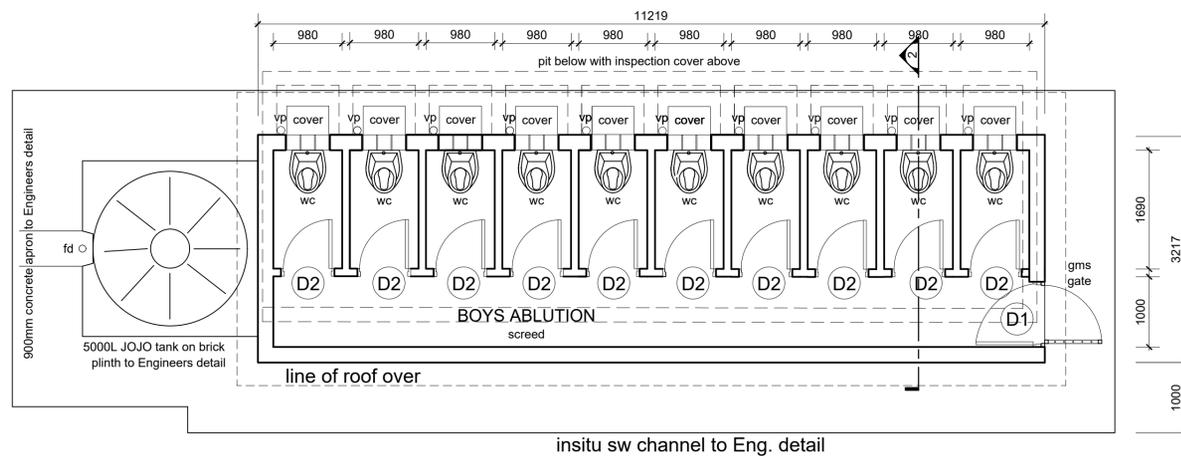
5 SIDE ELEVATION
SCALE 1:50



2 SECTION
SCALE 1:50



6 SIDE ELEVATION
SCALE 1:50

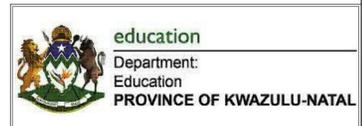


1 PLAN
SCALE 1:50

LEGEND

- Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
- Existing timber trusses to be replaced with prefabricated timber roof trusses at 17,5° roof pitch to take 0.55mm ibr colourplus - az 150 roof sheeting and sisalation with ridge flashing.
- Existing ceiling to be removed and replaced with Rhinoboard ceilings including branding and cornices
- Existing fascias to be removed and replaced with new fibre cement fascias.
- New nutek fibre cement barge boards to be provided at gable ends
- Replace damaged gutters and downpipes with new aluminium gutters and downpipes
- Rub, prime and paint all steel windows allow for replacement of window panes(40%)
- Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
- Internal walls to be re-plastered and primed and painted.Facebrick at dado level to be acid cleaned with high pressure washer.
- Remove existing floor finish, inspect floor and allow 15 % screed to floor area ,and install new floor finish.
- Rain water harvesting tank on concrete plinth to engineer's detail and specifications
- Dilapidated sanitary-ware to be replaced with new fittings to match existing
- All external walls with facebrick finish to be acid cleaned with high pressure washer.
- GMS support posts with beam over to support roof above to Engineers detail.

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discipline ARCHITECTURAL
service

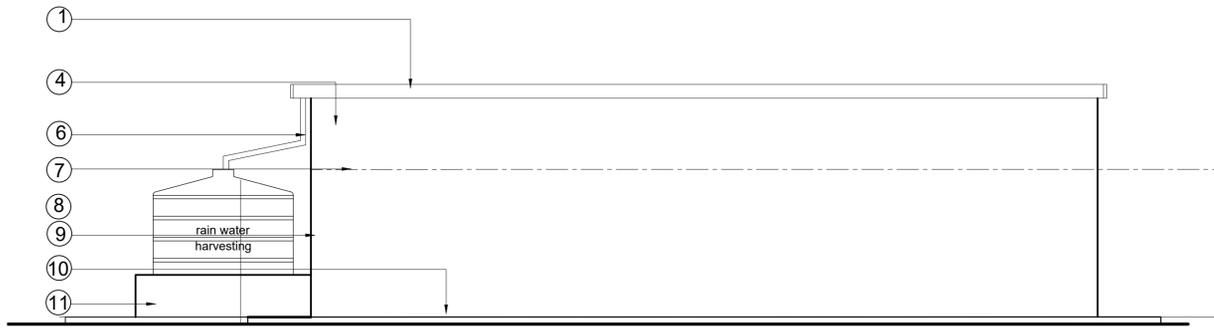


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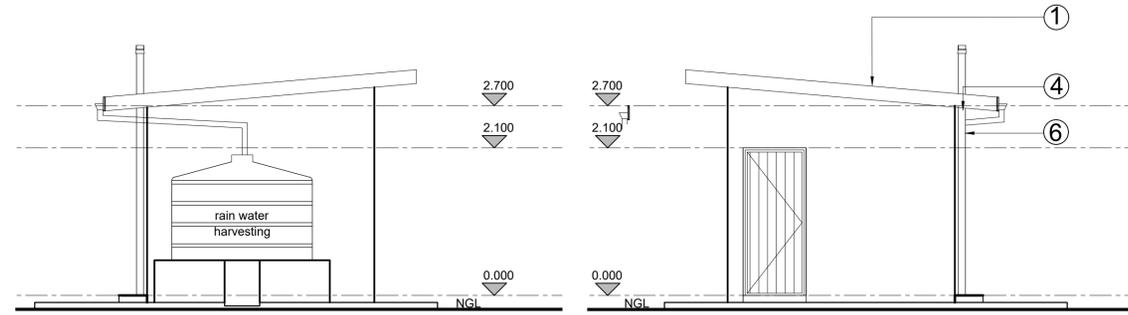
KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME

MBASELA PRIAMARY SCHOOL
EXISTING BLOCK D
TYPICAL MALE ABLUTION (10 CUBICLE)
PLAN,SECTION,ELEVATION

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scale	AS INDICATED	drawn	KB
date	MAY 2019	checked	LC
drawing number			REV

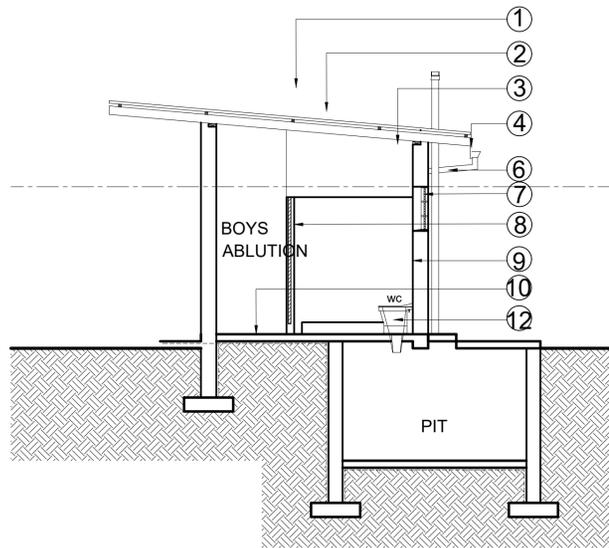


3 REAR ELEVATION
SCALE 1:50

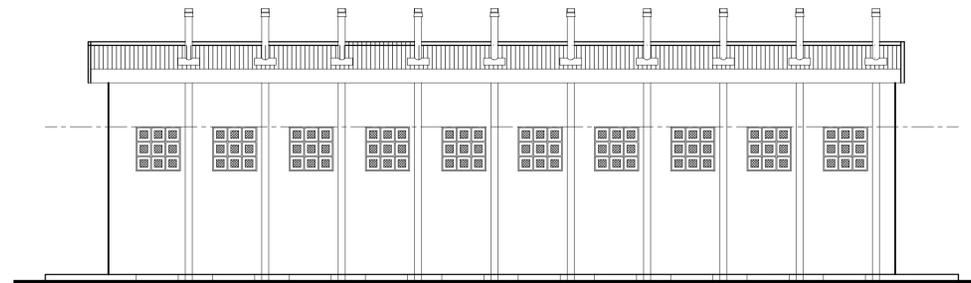


4 SIDE ELEVATION
SCALE 1:50

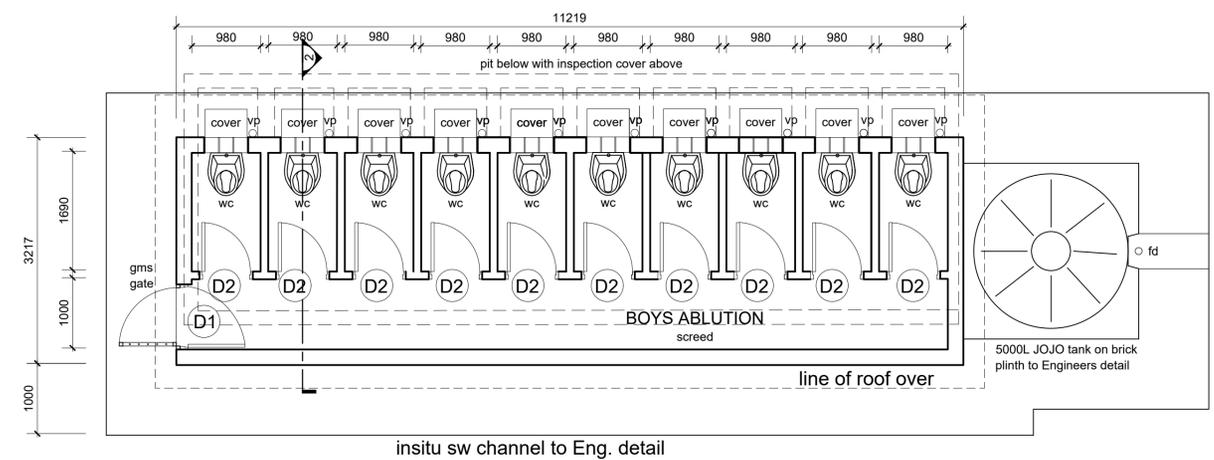
5 SIDE ELEVATION
SCALE 1:50



2 SECTION
SCALE 1:50



6 SIDE ELEVATION
SCALE 1:50

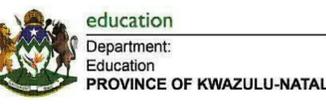


1 PLAN
SCALE 1:50

LEGEND

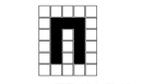
- Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
- Existing timber trusses to be replaced with prefabricated timber roof trusses at 17,5° roof pitch to take 0.55mm lbr colourplus - az 150 roof sheeting and sisalation with ridge flashing.
- Existing ceiling to be removed and replaced with Rhinoboard ceilings including branding and cornices
- Existing fascias to be removed and replaced with new fibre cement fascias.
- New nutek fibre cement barge boards to be provided at gable ends
- Replace damaged gutters and downpipes with new aluminium gutters and downpipes
- Rub, prime and paint all steel windows allow for replacement of window panes(40%)
- Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
- Internal walls to be re-plastered and primed and painted Facebrick at dado level to be acid cleaned with high pressure washer.
- Remove existing floor finish, inspect floor and allow 15 % screed to floor area ,and install new floor finish.
- Rain water harvesting tank on concrete plinth to engineer's detail and specifications
- Dilapidated sanitary-ware to be replaced with new fittings to match existing
- All external walls with facebrick finish to be acid cleaned with high pressure washer.
- GMS support posts with beam over to support roof above to Engineers detail.

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discipline ARCHITECTURAL

service



archiTRONIC
architects, interior & urban designers
project managers
p.o. box 19383 dorchester 4015
phone : +27(0)11 201 3833
fax : +27(0)11 201 3830
e-mail : ravi@architrronic.co.za
SACAP NO. : 6012

drawing title
**KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME**
MBASELA PRIMARY SCHOOL
EXISTING BLOCK E
TYPICAL FEMALE ABLUTION (10 CUBICL)
PLAN,SECTION,ELEVATION

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scale	AS INDICATED	drawn	KB
date	MAY 2019	checked	LC
drawing number			REV

1120.19-MBA-GA-2005

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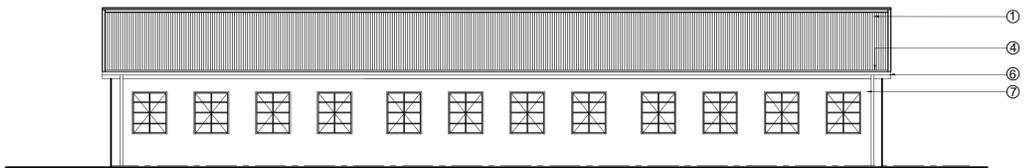
discipline **ARCHITECTURAL**
 service _____

archiTRONIC
 architects, interior + urban designers
 project managers
 p.o. box 19383 dormenton 4015
 phone : +27(31) 201 3833
 fax : +27(31) 201 3830
 e-mail : ravisj@architronic.co.za
 SACAP NO. : 6012

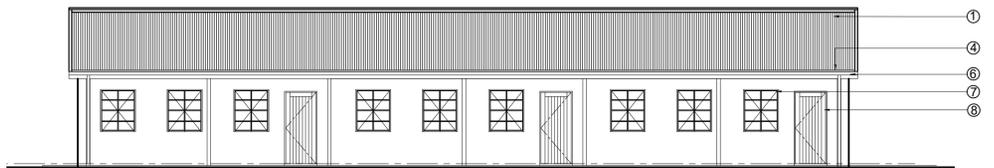
drawing title
KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME
MBASELA PRIMARY SCHOOL
 EXISTING BLOCK F
 TYPICAL 3 CLASSROOM BLOCK
 PLAN,SECTION,ELEVATION

ref.no.	000000	designed	000000
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date	MAY 2019	checked	LC
drawing number			REV

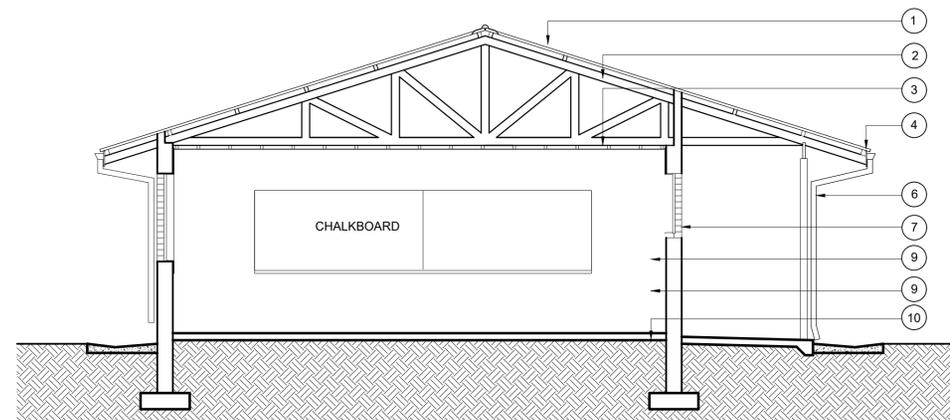
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3 SOUTH ELEVATION
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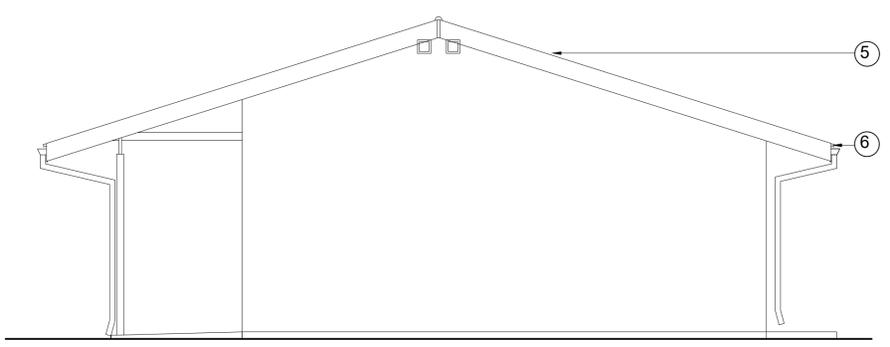
3 NORTH ELEVATION
 SCALE 1:100



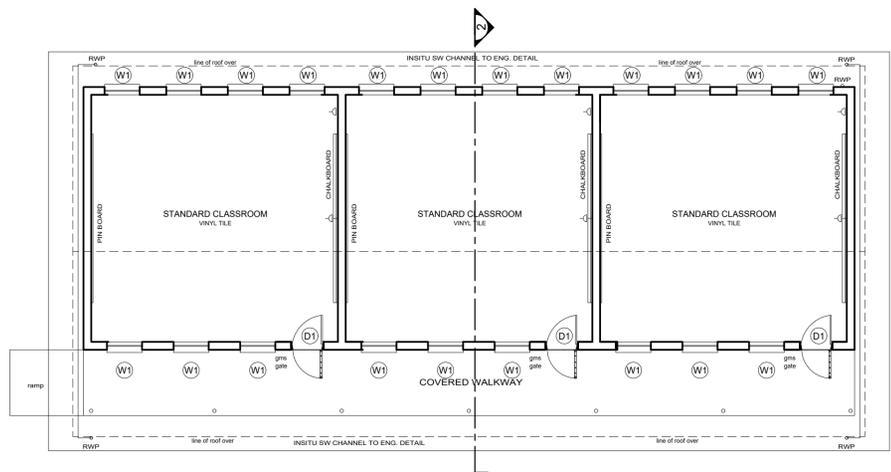
2 SECTION
 SCALE 1:50

LEGEND

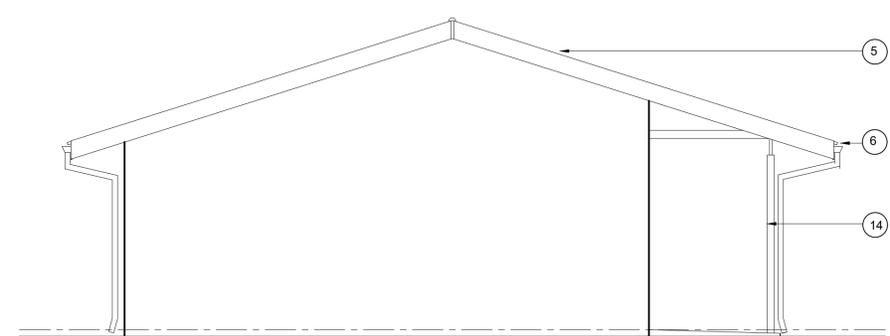
- Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
- Existing timber trusses to be replaced with prefabricated timber roof trusses at 17,5° roof pitch to take 0.55mm ibr colourplus - az 150 roof sheeting and sisalation with ridge flashing.
- Existing ceiling to be removed and replaced with Rhinoboard ceilings including brandering and cornices
- Existing fascias to be removed and replaced with new fibre cement fascias.
- New nutek fibre cement barge boards to be provided at gable ends
- Replace damaged gutters and downpipes with new aluminium gutters and downpipes
- Rub, prime and paint all steel windows allow for replacement of window panes(40%)
- Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
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- All external walls with facebrick finish to be acid cleaned with high pressure washer.
- GMS support posts with beam over to support roof above to Engineers detail.



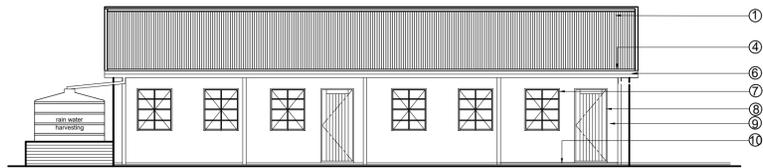
4 WEST ELEVATION
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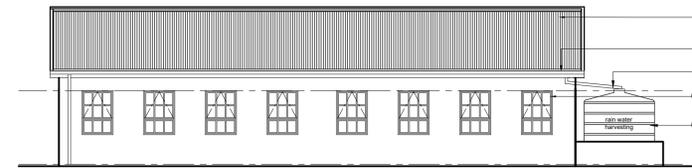
1 PLAN
 SCALE 1:100



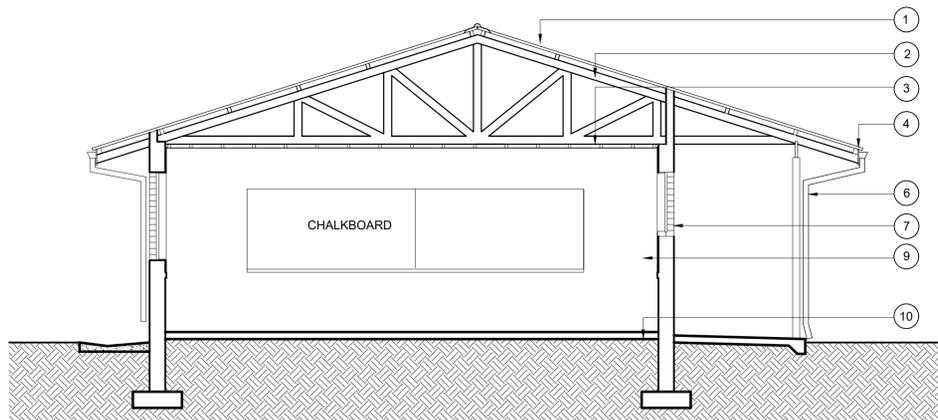
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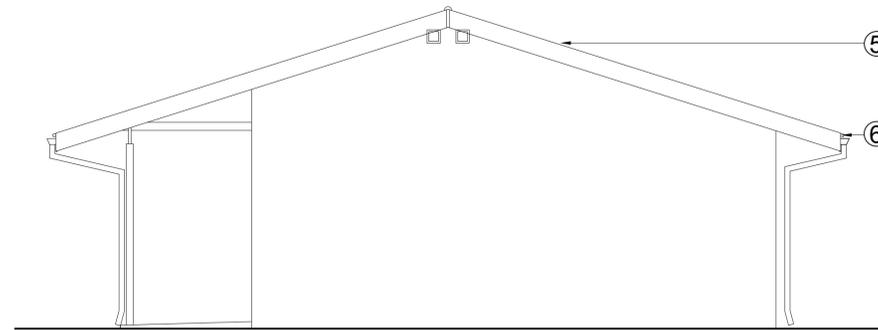
3 FRONT ELEVATION
SCALE 1:100



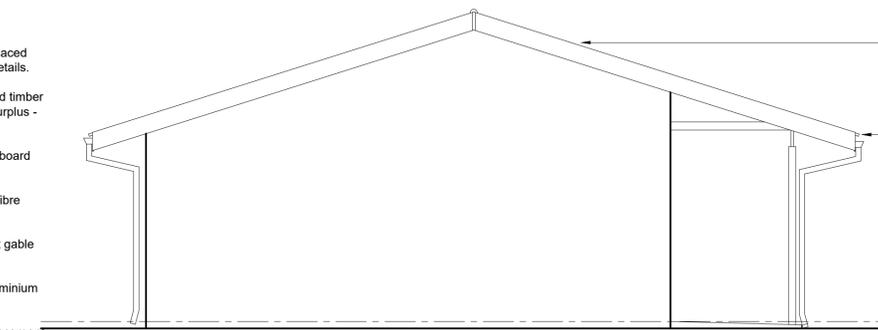
4 REAR ELEVATION
SCALE 1:100



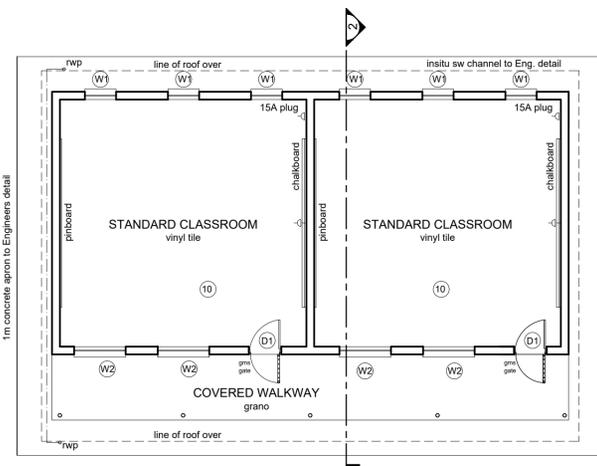
2 SECTION
SCALE 1:50



5 SIDE ELEVATION
SCALE 1:100



6 SIDE ELEVATION
SCALE 1:100



1 PLAN
SCALE 1:100

LEGEND

- Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
- Existing timber trusses to be replaced with prefabricated timber roof trusses at 17,5° roof pitch to take 0.55mm ibr colourplus - az 150 roof sheeting and sisalation with ridge flashing.
- Existing ceiling to be removed and replaced with Rhinoboard ceilings including brandering and cornices
- Existing fascias to be removed and replaced with new fibre cement fascias.
- New nutek fibre cement barge boards to be provided at gable ends
- Replace damaged gutters and downpipes with new aluminium gutters and downpipes
- Rub, prime and paint all steel windows allow for replacement of window panes(40%)
- Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
- Internal walls to be re-plastered and primed and painted.Facebrick at dado level to be acid cleaned with high pressure washer.
- Remove existing floor finish, inspect floor and allow 15 % screed to floor area ,and install new floor finish.
- Rain water harvesting tank on concrete plinth to engineer's detail and specifications
- Dilapidated sanitary-ware to be replaced with new fittings to match existing
- All external walls with facebrick finish to be acid cleaned with high pressure washer.
- GMS support posts with beam over to support roof above to Engineers detail.

No.	DATE	AMENDMENT	D.P.W.

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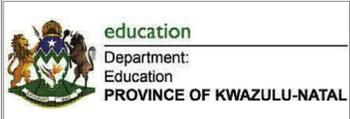
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discipline ARCHITECTURAL

service

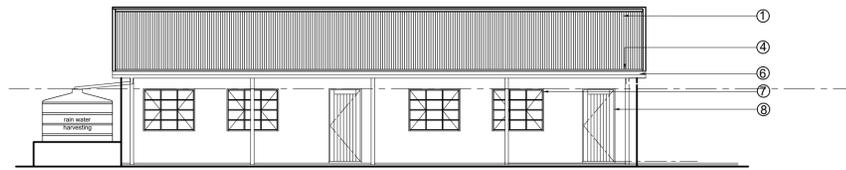


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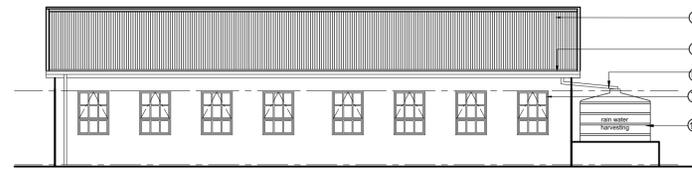
KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME

MBASELA PRIMARY SCHOOL
EXISTING BLOCK 1
TYPICAL 2 CLASSROOM BLOCK
PLAN,SECTION,ELEVATION

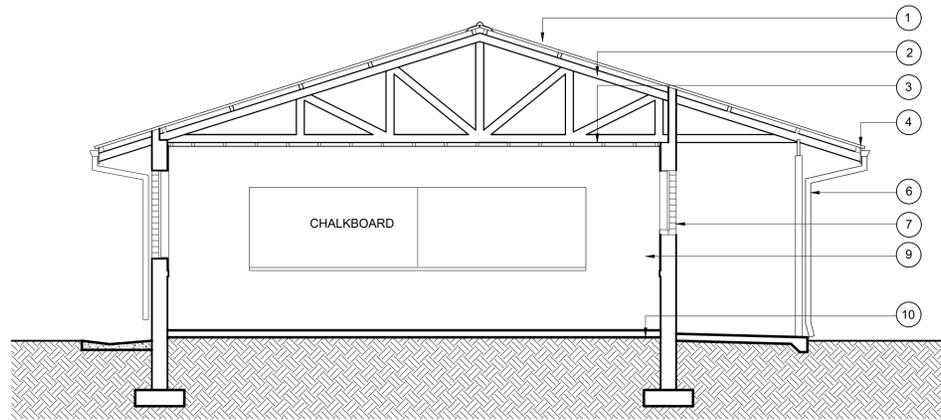
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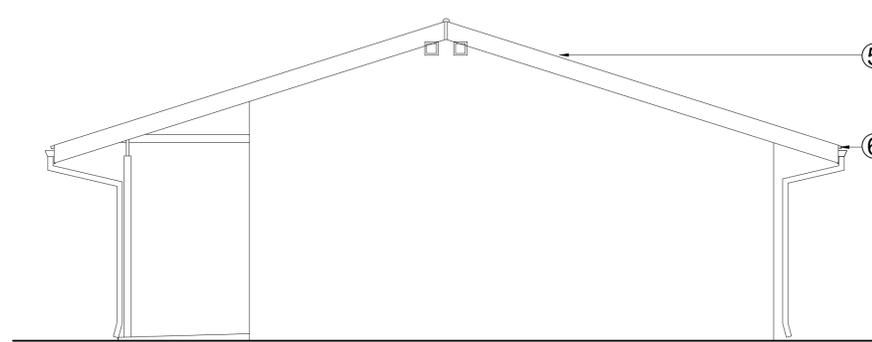
3 NORTH ELEVATION
SCALE 1:100



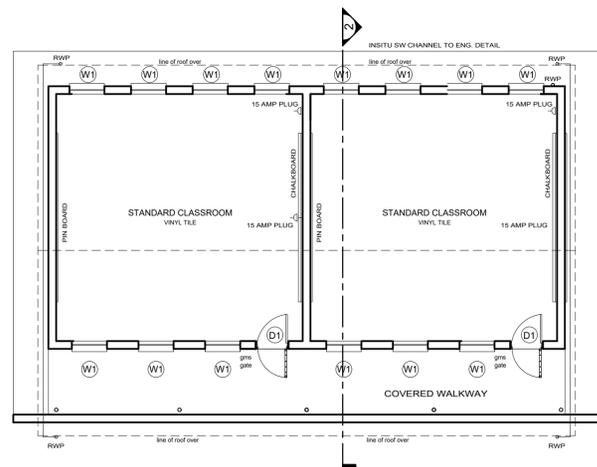
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SCALE 1:100



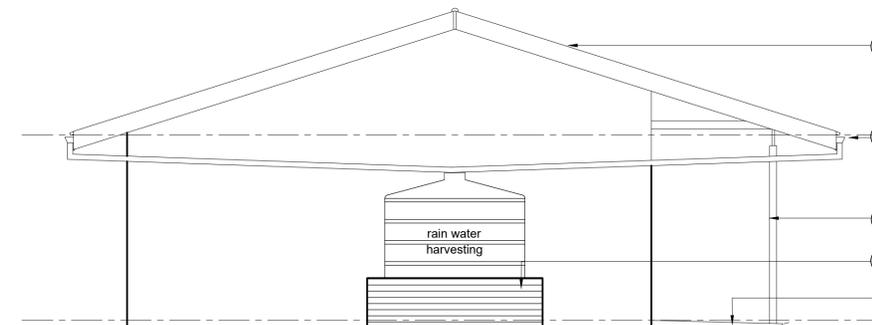
2 SECTION
SCALE 1:50



5 WEST ELEVATION
SCALE 1:100



1 PLAN
SCALE 1:100



6 EAST ELEVATION
SCALE 1:100

LEGEND

1. Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
2. Existing timber trusses to be replaced with prefabricated timber roof trusses at 17,5° roof pitch to take 0.55mm ibrcolourplus - az 150 roof sheeting and sisalation with ridge flashing.
3. Existing ceiling to be removed and replaced with Rhinoboard ceilings including brandering and cornices
4. Existing fascias to be removed and replaced with new fibre cement fascias.
5. New nutek fibre cement barge boards to be provided at gable ends
6. Replace damaged gutters and downpipes with new aluminium gutters and downpipes
7. Rub, prime and paint all steel windows allow for replacement of window panes(40%)
8. Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
9. Internal walls to be re-plastered and primed and painted.Facebrick at dado level to be acid cleaned with high pressure washer.
10. Remove existing floor finish, inspect floor and allow 15 % screed to floor area ,and install new floor finish.
11. Rain water harvesting tank on concrete plinth to engineer's detail and specifications
12. Dilapidated sanitary-ware to be replaced with new fittings to match existing
13. All external walls with facebrick finish to be acid cleaned with high pressure washer.
14. GMS support posts with beam over to support roof above to Engineers detail.

No.	DATE	AMENDMENT	D.P.W.

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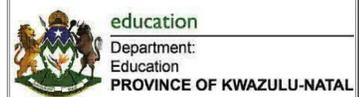
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discipline ARCHITECTURAL

service



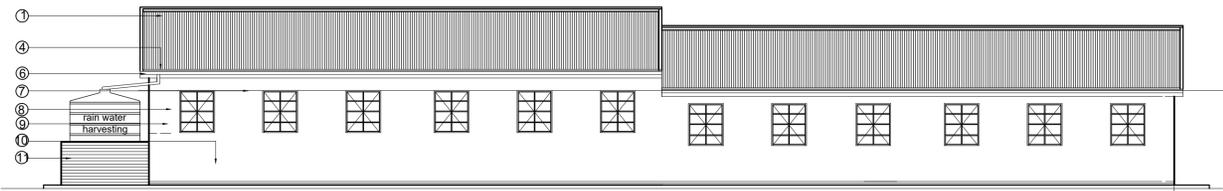
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KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME

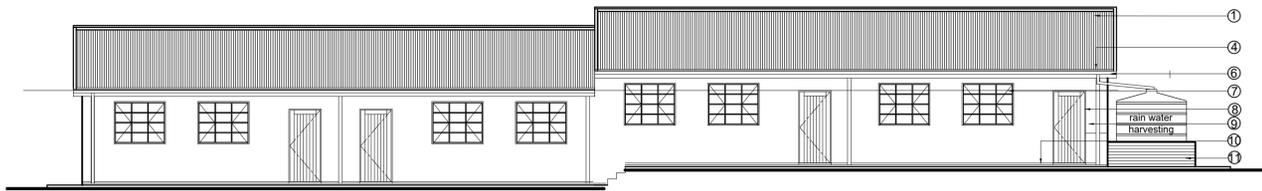
MBASELA PRIMARY SCHOOL
EXISTING BLOCK J
TYPICAL 2 CLASSROOM BLOCK
PLAN SECTION,ELEVATION

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drawing number			REV

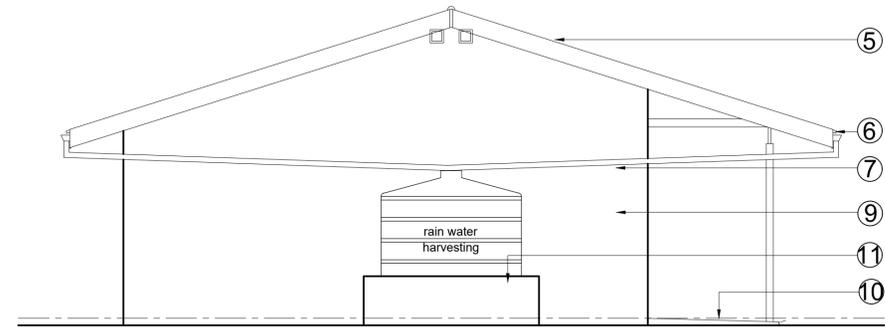
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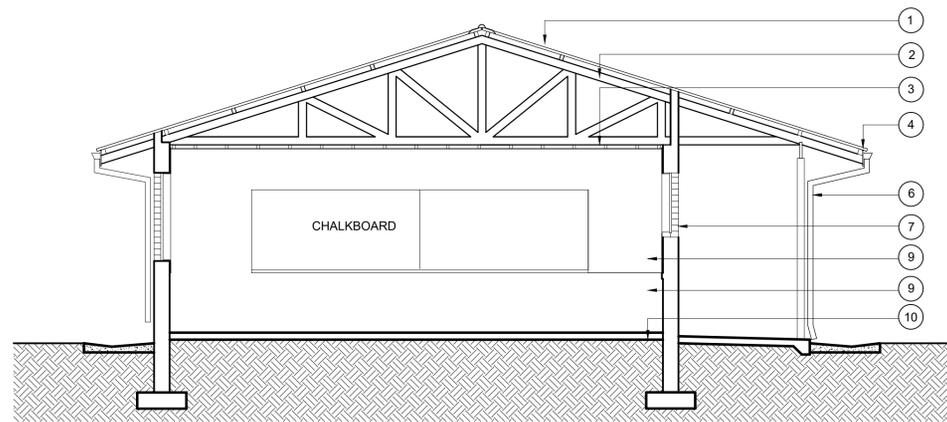
4 SIDE ELEVATION
SCALE 1:100



3 EAST ELEVATION
SCALE 1:100



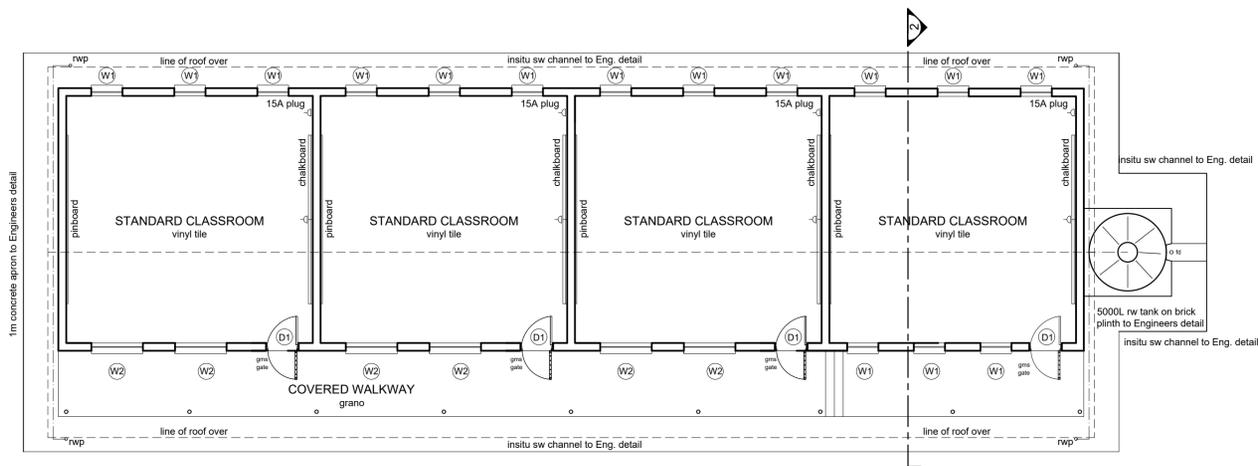
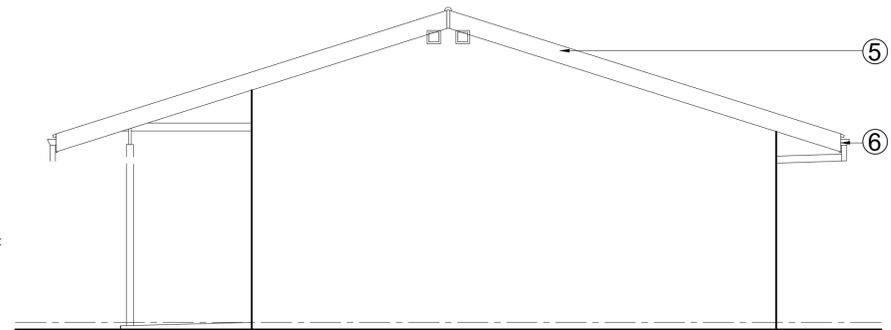
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2 SECTION
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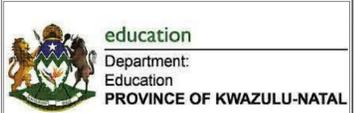
LEGEND

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2. Existing timber trusses to be replaced with prefabricated timber roof trusses at 17.5° roof pitch to take 0.55mm lbr colourplus - az 150 roof sheeting and sisalation with ridge flashing.
3. Existing ceiling to be removed and replaced with Rhinoboard ceilings including branding and cornices
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13. All external walls with facebrick finish to be acid cleaned with high pressure washer.
14. GMS support posts with beam over to support roof above to Engineers detail.



1 PLAN
SCALE 1:100

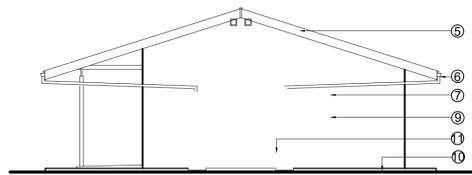
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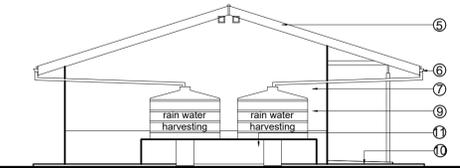
discipline	ARCHITECTURAL
service	


archiTRONIC
architect, interior & urban designer
project manager
 p.o.box 19383 dormenton 4015
 phone : +27(31) 201 3933
 fax: +27(31) 201 3930
 e-mail : ravis@architronic.co.za
 SACAP NO. : 6012

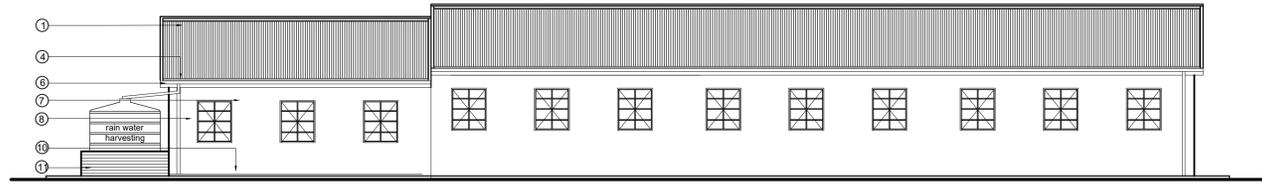
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KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME			
MBASELA PRIMARY SCHOOL			
EXISTING BLOCK K TYPICAL 4 CLASSROOM BLOCK PLAN,SECTION,ELEVATION			
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scale	AS INDICATED	drawn	KB
date	MAY 2019	checked	LC
drawing number			REV



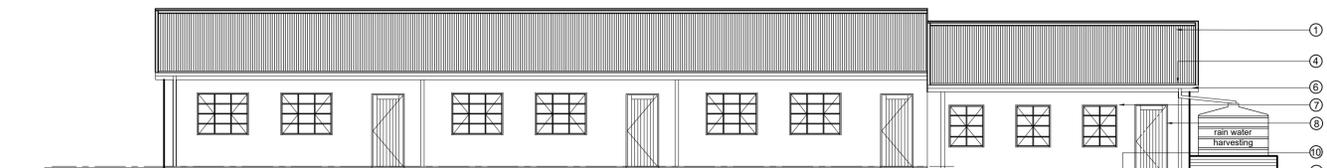
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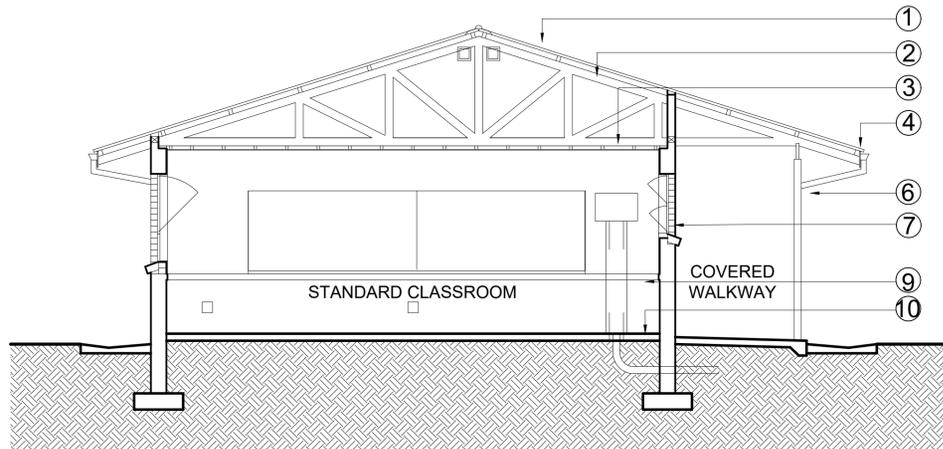
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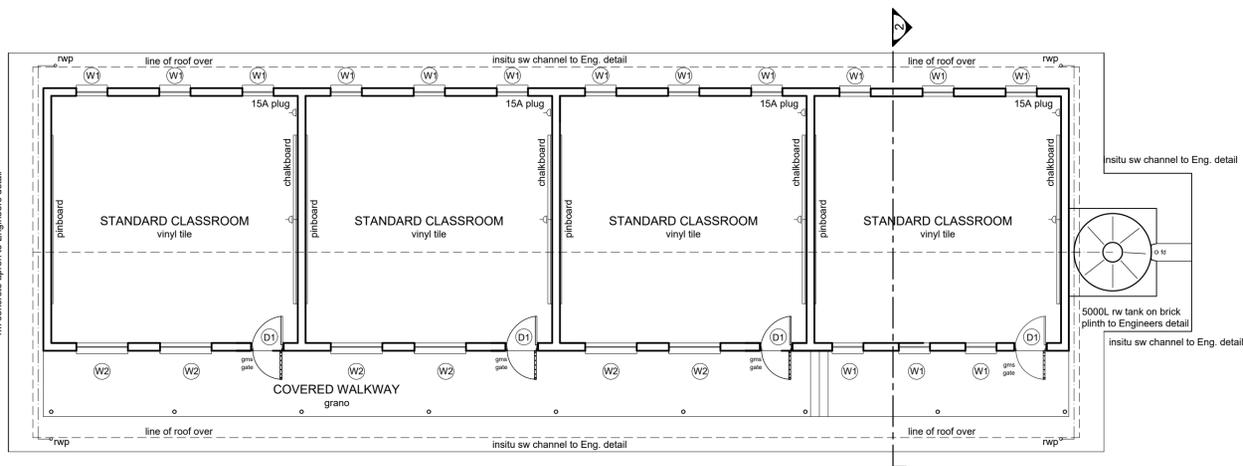
5 BACK ELEVATION
SCALE 1:100



6 FRONT ELEVATION
SCALE 1:100



2 SECTION
SCALE 1:50



1 PLAN
SCALE 1:100

LEGEND

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discipline **ARCHITECTURAL**

service _____


archiTRONIC
architects, interior & urban designers
 p.o.box 19383 dormenton 4015
 phone : +27(31) 201 3933
 fax : +27(31) 201 3930
 e-mail : ravi@architronic.co.za
 SACAP NO. : 6012

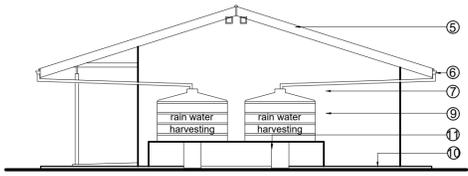
drawing title

**KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME**

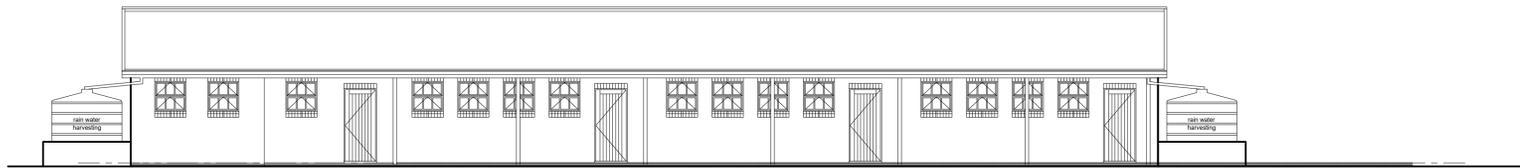
MBASELA PRIMARY SCHOOL
EXISTING BLOCK M
TYPICAL 4 CLASSROOM BLOCK
PLAN,SECTION,ELEVATION

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date	MAY 2019	checked	LC
drawing number			REV

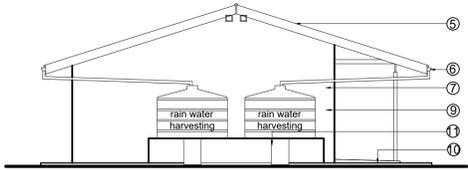
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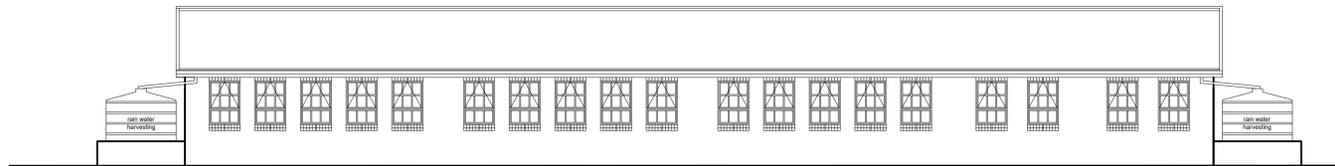
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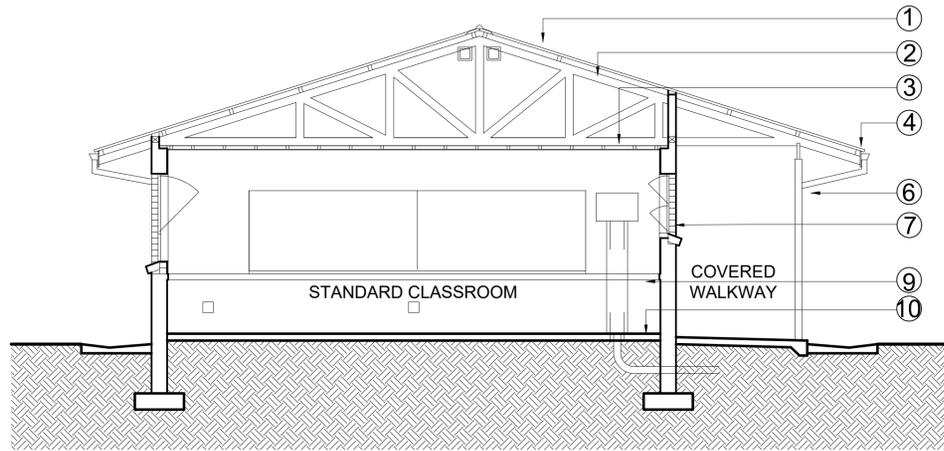
5 BACK ELEVATION
SCALE 1:100



3 SIDE ELEVATION
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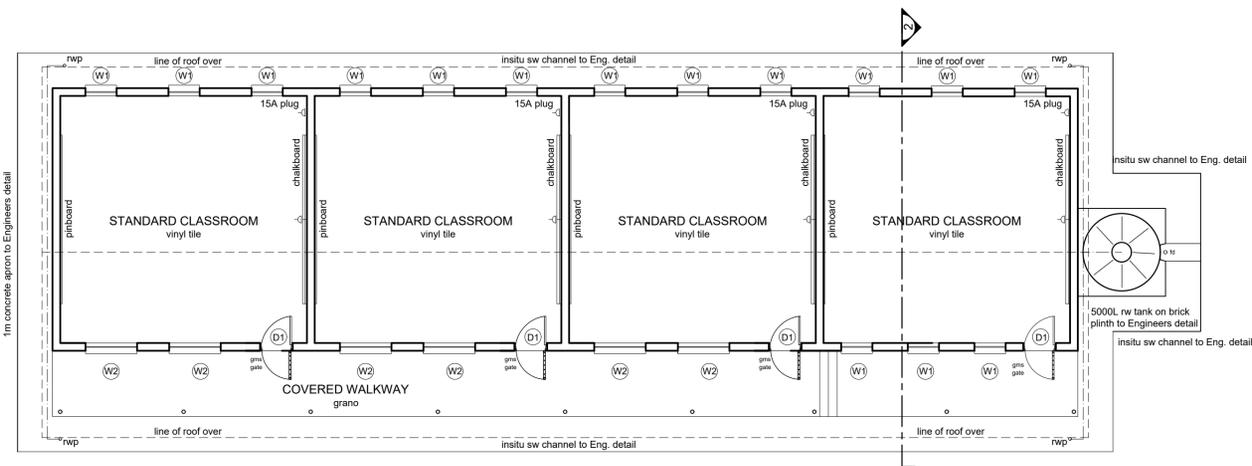
6 FRONT ELEVATION
SCALE 1:100



2 SECTION
SCALE 1:50

LEGEND

1. Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting
2. Install new purlin to interior and exterior of beam filling
3. Existing ceiling to be removed and replaced with Rhinoboard ceilings including branding and cornices
4. Existing fascias to be removed and replaced with new
5. Existing barge boards to be removed and replace with new
6. Replace damaged gutters and downpipes with new aluminium gutters and downpipes
7. Replace damaged glazing and window mechanisms where necessary
8. Replace damaged doors, frames and ironmongery where necessary and add galvanized security gate
9. Internal and external walls to be re-plastered where necessary and all internal and external walls to be primed and painted
10. Dilapidated floors to be replaced with new floor tiles in affected areas
11. Rain water harvesting tank on concrete plinth to engineer's detail and specifications
12. Dilapidated chalkboard to be replaced with new in affected areas



1 PLAN
SCALE 1:100

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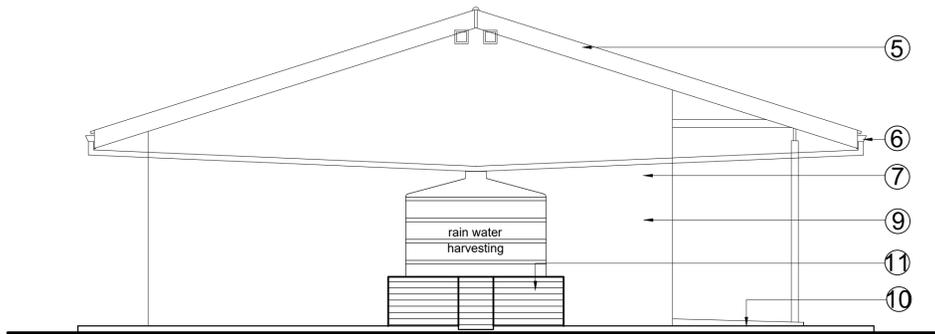
discipline **ARCHITECTURAL**
service



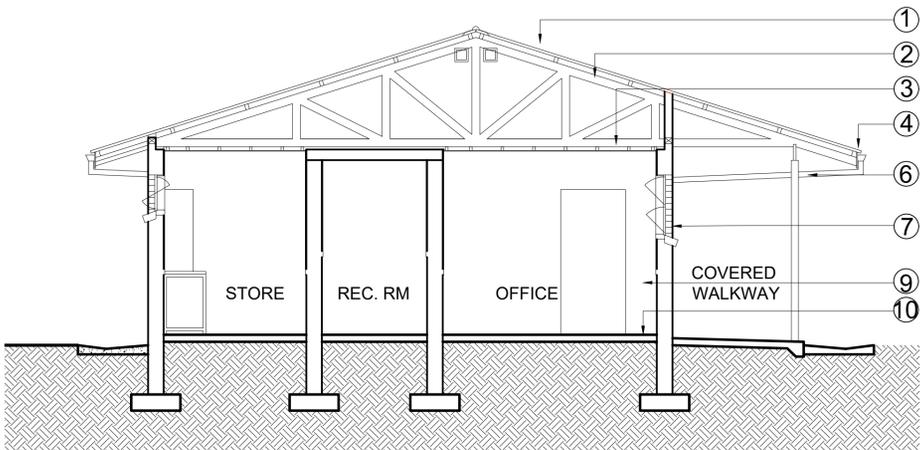
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**KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME**
MBASELA PRIMARY SCHOOL
EXISTING BLOCK N
TYPICAL 4 CLASSROOM BLOCK
PLAN,SECTION,ELEVATION

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date	MAY 2019	checked	LC
drawing number	REV		

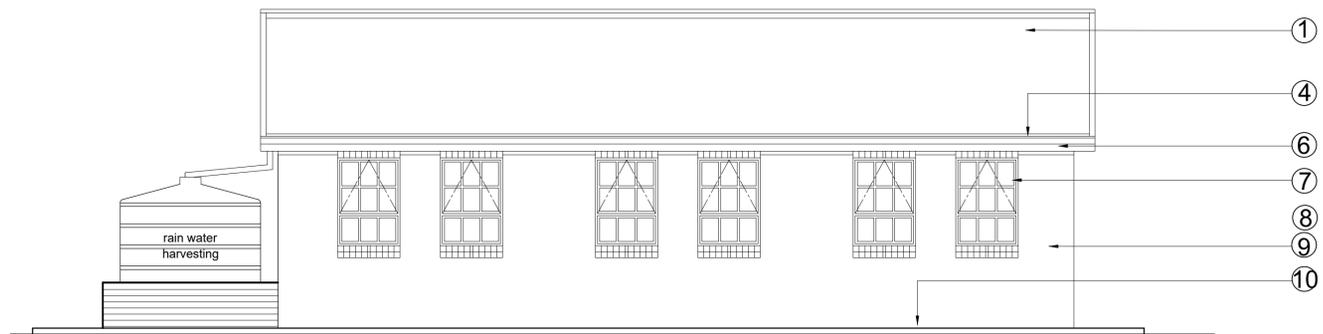
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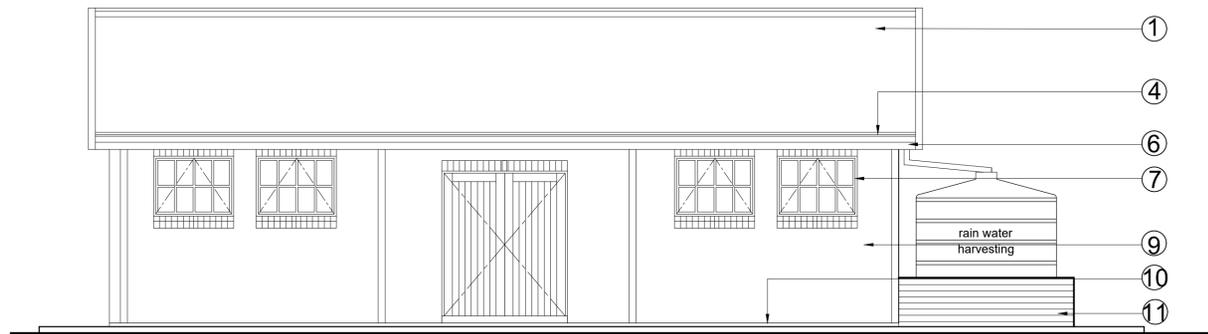
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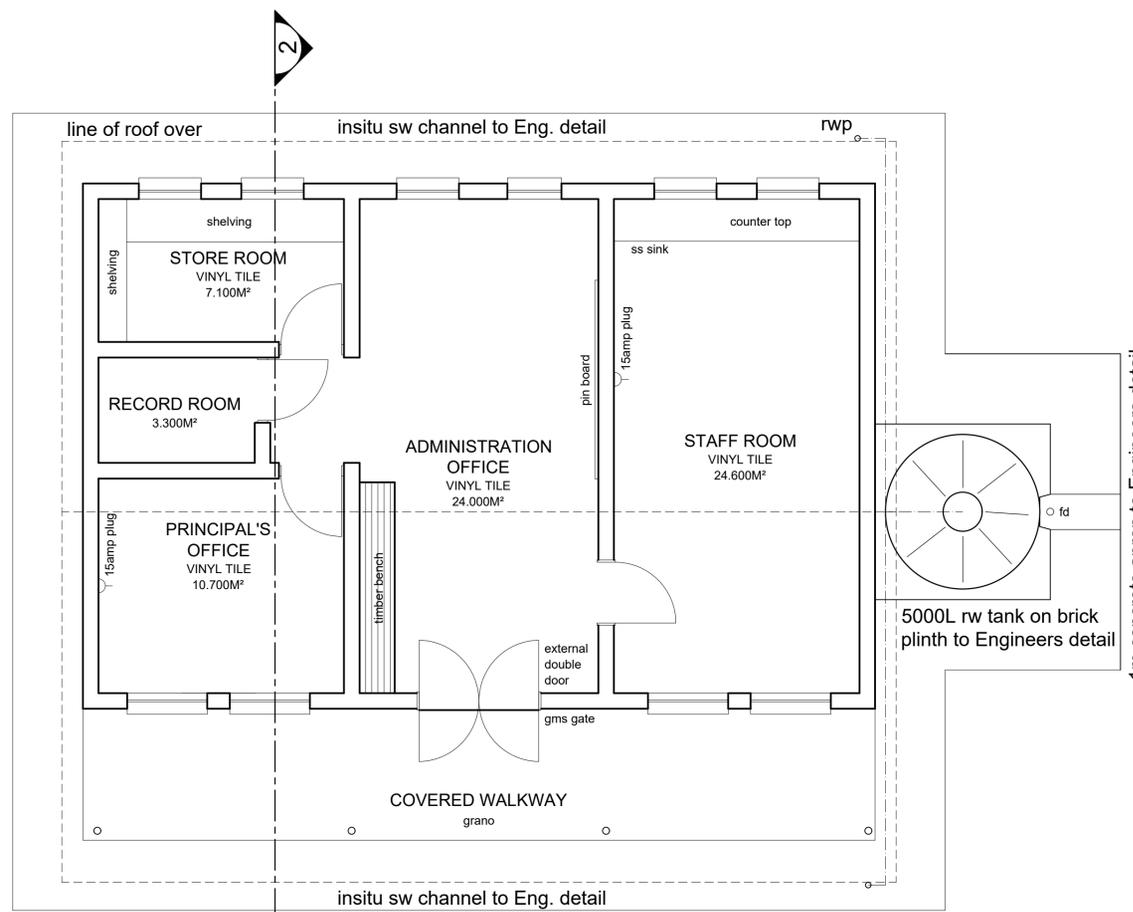
2 SECTION
SCALE 1:50



4 BACK ELEVATION
SCALE 1:50



5 FRONT ELEVATION
SCALE 1:50

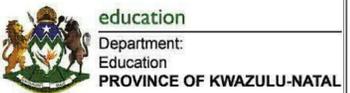


1 PLAN
SCALE 1:50

LEGEND

1. Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting
2. Install new purlin to interior and exterior of beam filling
3. Existing ceiling to be removed and replaced with Rhinoboard ceilings including brandering and cornices
4. Existing fascias to be removed and replaced with new
5. Existing barge boards to be removed and replace with new
6. Replace damaged gutters and downpipes with new aluminium gutters and downpipes
7. Replace damaged glazing and window mechanisms where necessary
8. Replace damaged doors, frames and ironmongery where necessary and add galvanized security gate
9. Internal and external walls to be re-plastered where necessary and all internal and external walls to be primed and painted
10. Dilapidated floors to be replaced with new floor tiles in affected areas
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12. Dilapidated chalkboard to be replaced with new in affected areas

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discipline **ARCHITECTURAL**
service



drawing title
**KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME**

MBASELA PRIMARY SCHOOL
NEW BLOCK O
TYPICAL ADMIN
PLAN,SECTION,ELEVATION

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date	MAY 2019	checked	LC
drawing number			REV

No.	DATE	AMENDMENT	D.P.W.

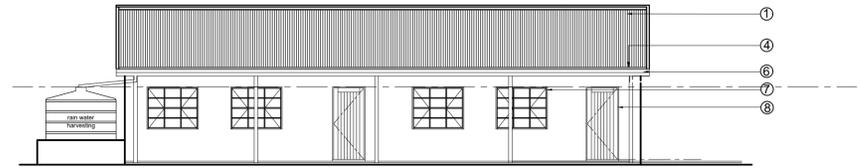
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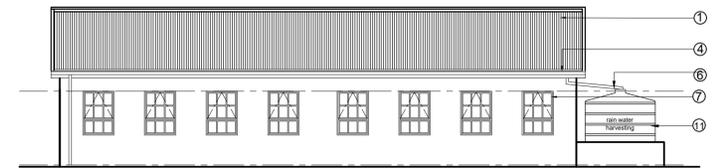
discipline **ARCHITECTURAL**
service _____

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architects, interior & urban designers
project managers
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fax : +27(0)11 201 3530
e-mail : ravi@architronic.co.za
SACAP NO. : 6012

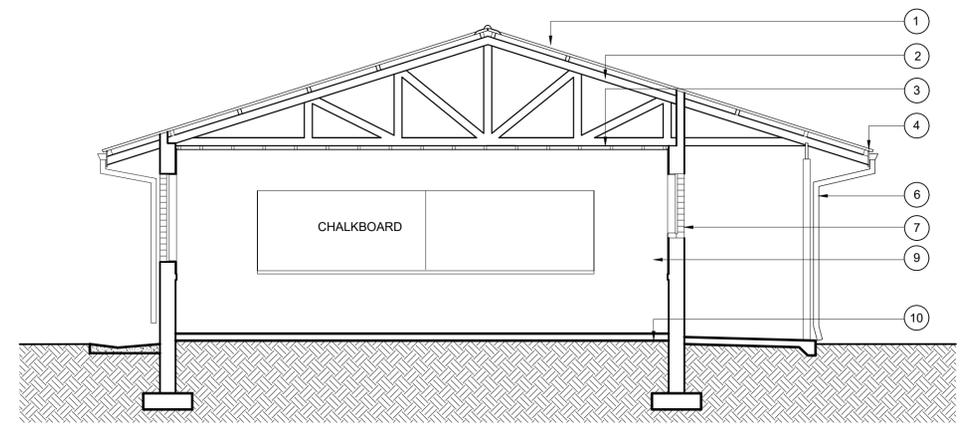
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KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME
MBASELA PRIMARY SCHOOL
EXISTING BLOCK P
TYPICAL 2 CLASSROOM BLOCK
PLAN,SECTION,ELEVATION
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scale AS INDICATED drawn RP
date MAY 2019 checked LC
drawing number REV



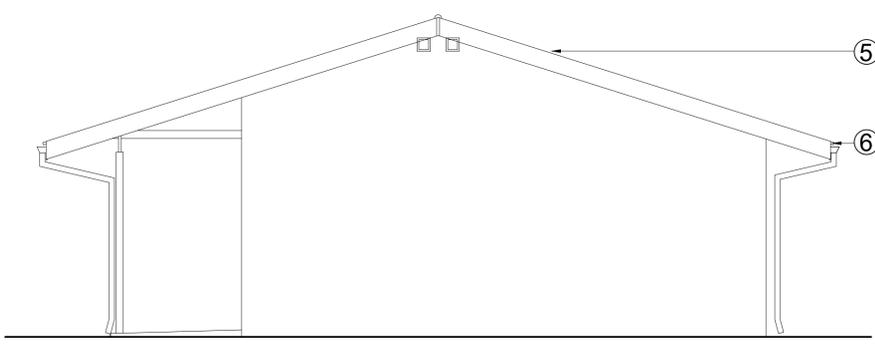
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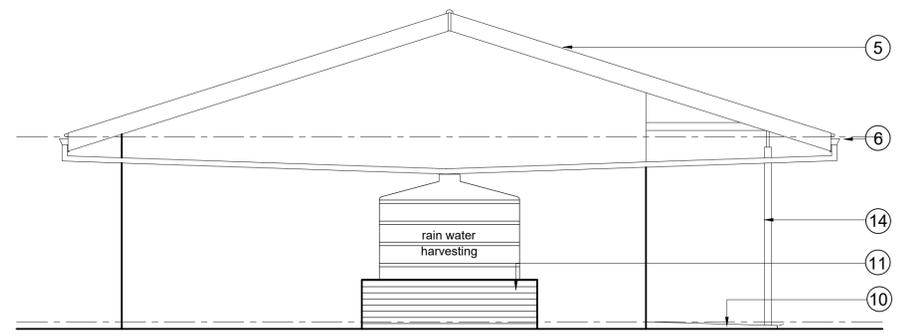
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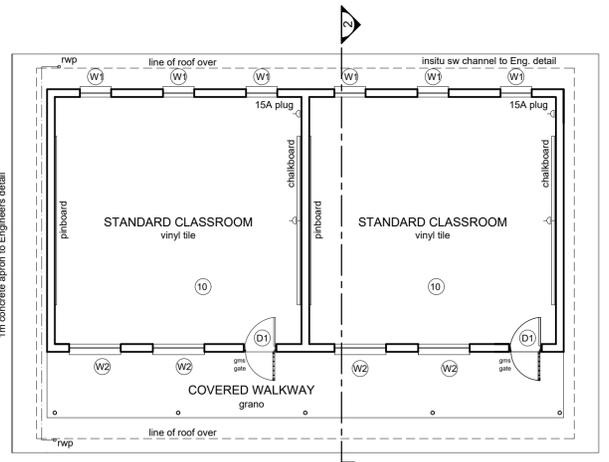
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5 SIDE ELEVATION
SCALE 1:50



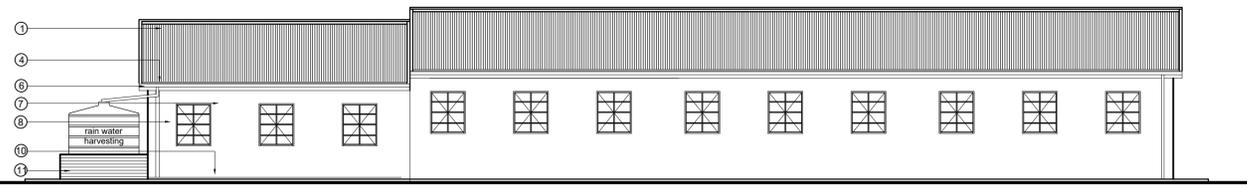
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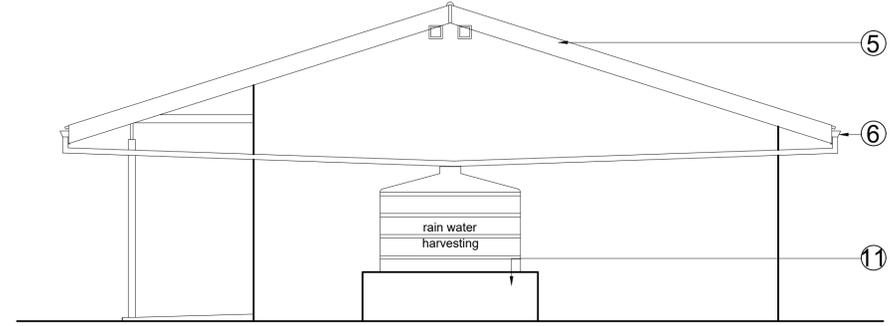
1 PLAN
SCALE 1:100

LEGEND

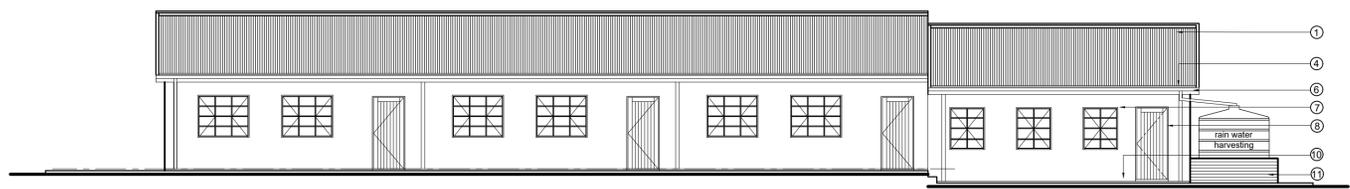
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- Rain water harvesting tank on concrete plinth to engineer's detail and specifications
- Dilapidated sanitary-ware to be replaced with new fittings to match existing
- All external walls with facebrick finish to be acid cleaned with high pressure washer.
- GMS support posts with beam over to support roof above to Engineers detail.



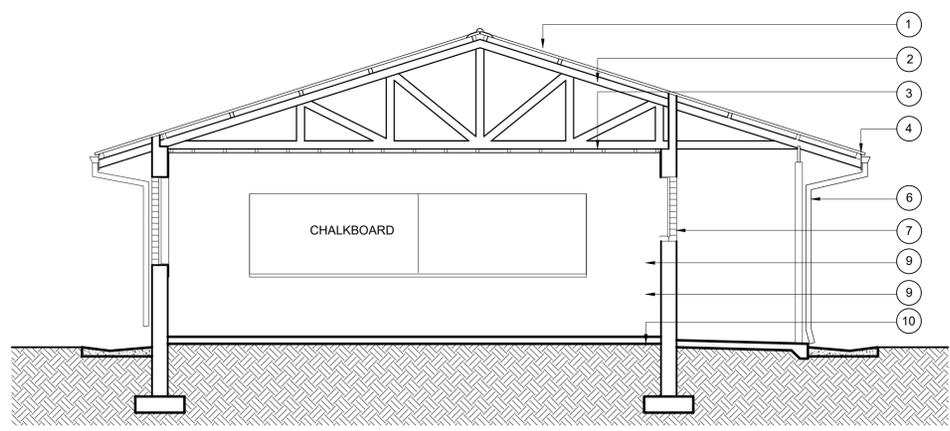
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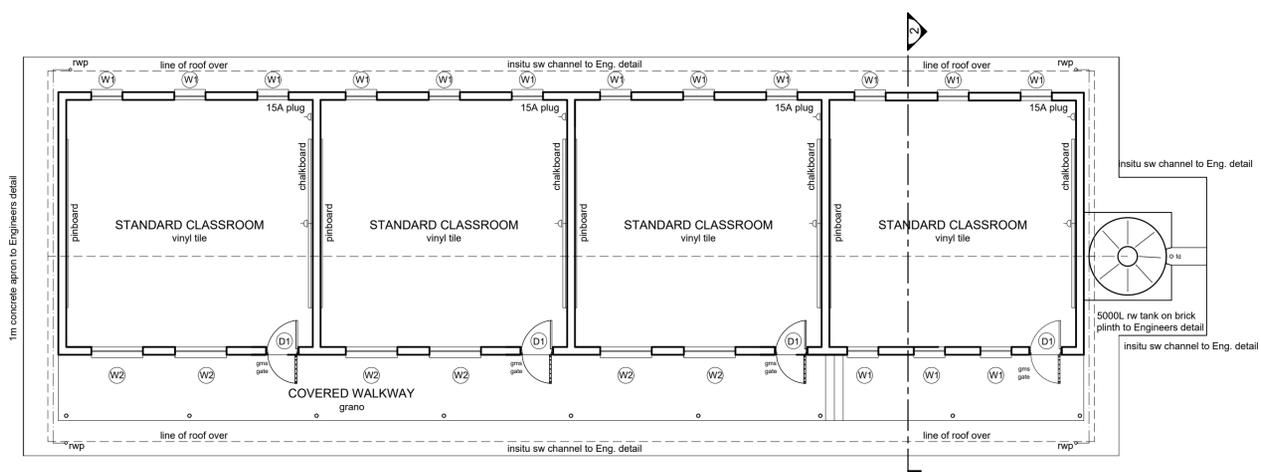
5 SIDE ELEVATION
SCALE 1:100



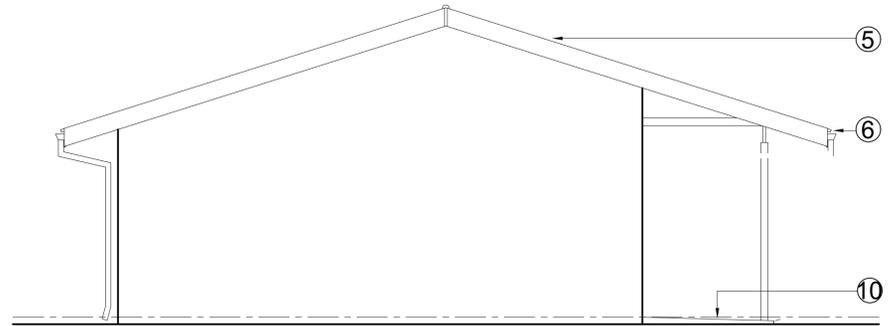
3 FRONT ELEVATION
SCALE 1:100



2 SECTION
SCALE 1:100



1 PLAN
SCALE 1:100

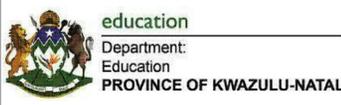


5 SIDE ELEVATION
SCALE 1:100

LEGEND

- Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
- Existing timber trusses to be replaced with prefabricated timber roof trusses at 17,5° roof pitch to take 0.55mm lbr colourplus - az 150 roof sheeting and sisalation with ridge flashing.
- Existing ceiling to be removed and replaced with Rhinoboard ceilings including brandering and cornices
- Existing fascias to be removed and replaced with new fibre cement fascias.
- New nutek fibre cement barge boards to be provided at gable ends
- Replace damaged gutters and downpipes with new aluminium gutters and downpipes
- Rub, prime and paint all steel windows allow for replacement of window panes(40%)
- Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
- Internal walls to be re-plastered and primed and painted.Facebrick at dado level to be acid cleaned with high pressure washer.
- Remove existing floor finish, inspect floor and allow 15 % screed to floor area ,and install new floor finish.
- Rain water harvesting tank on concrete plinth to engineer's detail and specifications
- Dilapidated sanitary-ware to be replaced with new fittings to match existing
- All external walls with facebrick finish to be acid cleaned with high pressure washer.
- GMS support posts with beam over to support roof above to Engineers detail.

No.	DATE	AMENDMENT	D.P.W.
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date: _____			
professional registration no.: _____			



discipline ARCHITECTURAL
service

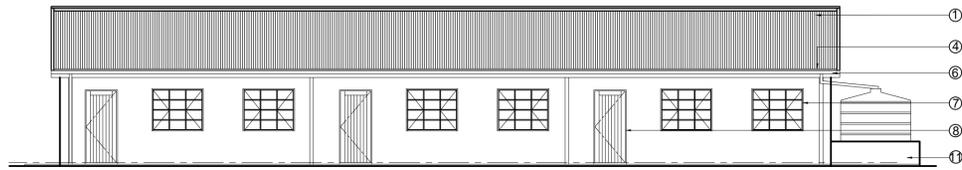


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phone : +27(0)1201 3533
fax : +27(0)1201 3530
e-mail : ravi@architronic.co.za
SACAP NO. : 6012

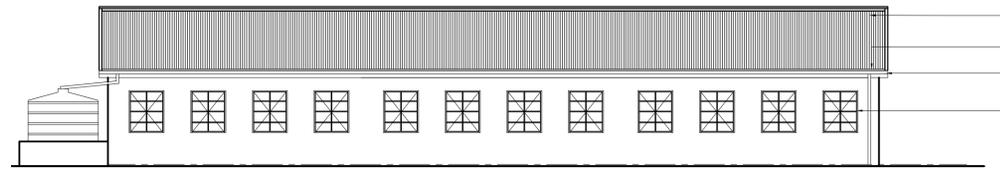
drawing title
**KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME**

MBASELA PRIMARY SCHOOL
EXISTING BLOCK Q
TYPICAL 4 CLASSROOM BLOCK
PLAN,SECTION,ELEVATION

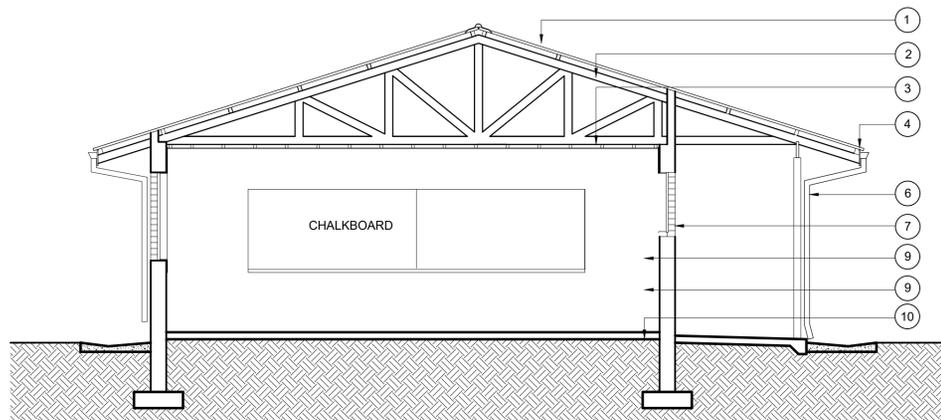
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date	MAY 2019	checked	LC
drawing number			REV



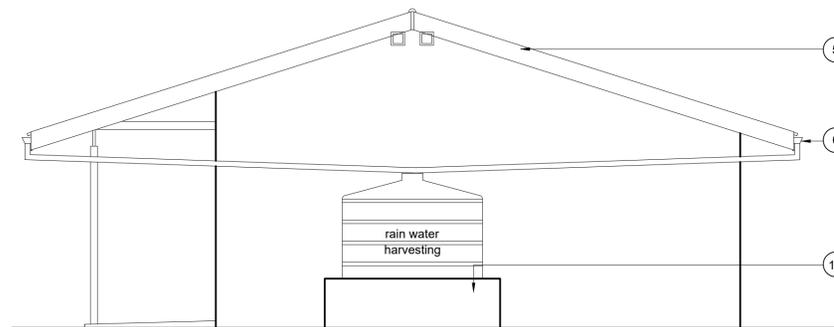
3 FRONT ELEVATION
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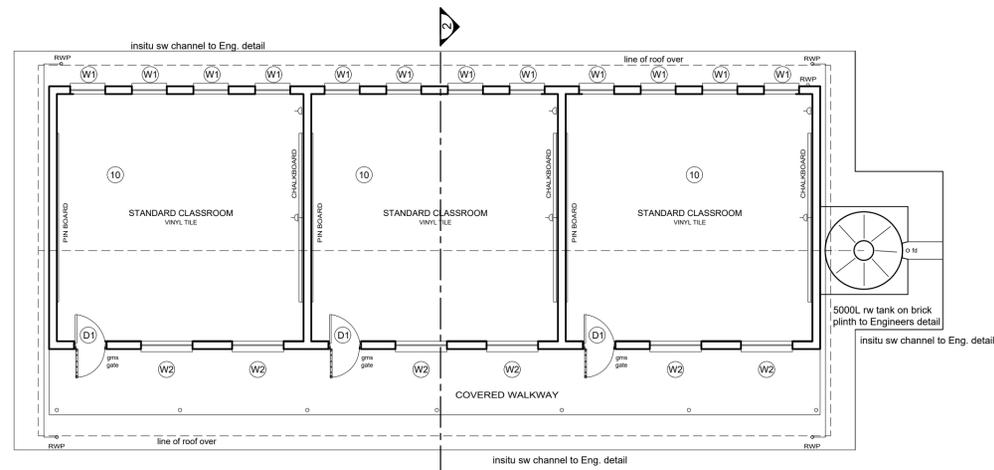
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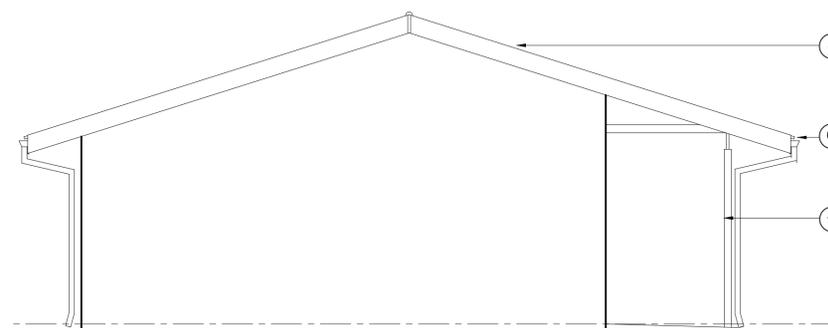
2 SECTION
SCALE 1:50



5 SIDE ELEVATION
SCALE 1:100



1 PLAN
SCALE 1:100



6 SIDE ELEVATION
SCALE 1:100

LEGEND

- Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting on timber purlins to engineers details.
- Existing timber trusses to be replaced with prefabricated timber roof trusses at 17,5° roof pitch to take 0.55mm ibr colourplus - az 150 roof sheeting and sisalation with ridge flashing.
- Existing ceiling to be removed and replaced with Rhinoboard ceilings including branding and cornices
- Existing fascias to be removed and replaced with new fibre cement fascias.
- New nutek fibre cement barge boards to be provided at gable ends
- Replace damaged gutters and downpipes with new aluminium gutters and downpipes
- Rub, prime and paint all steel windows allow for replacement of window panes(40%)
- Remove doors and provide new external solid timber door with new galvanized security gates with ironmongery by specialist supplier.
- Internal walls to be re-plastered and primed and painted.Facebrick at dado level to be acid cleaned with high pressure washer.
- Remove existing floor finish, inspect floor and allow 15 % screed to floor area ,and install new floor finish.
- Rain water harvesting tank on concrete plinth to engineer's detail and specifications
- Dilapidated sanitary-ware to be replaced with new fittings to match existing
- All external walls with facebrick finish to be acid cleaned with high pressure washer.
- GMS support posts with beam over to support roof above to Engineers detail.

No.	DATE	AMENDMENT	D.P.W.

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drawing title

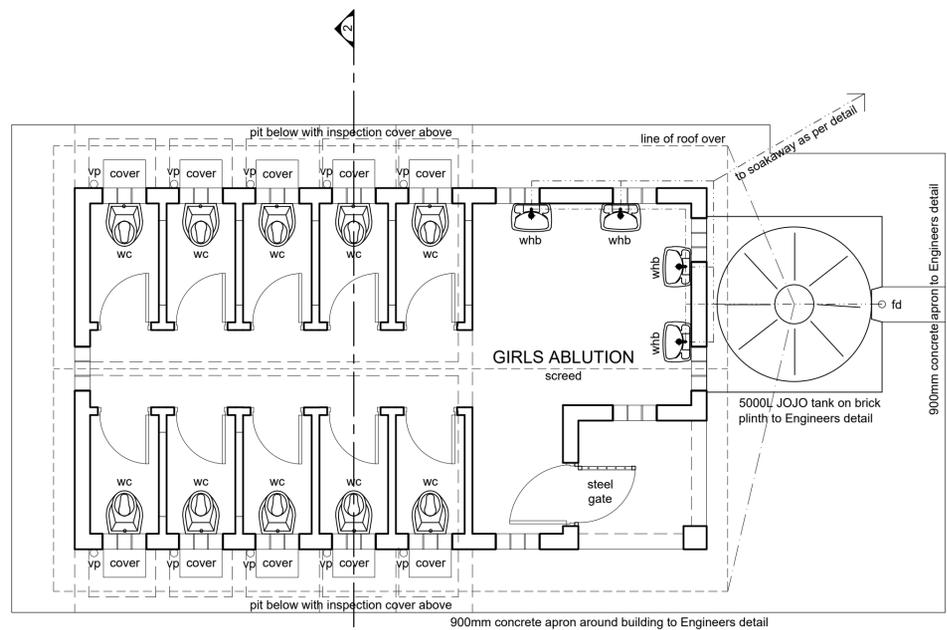
KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME

MBASELA PRIMARY SCHOOL

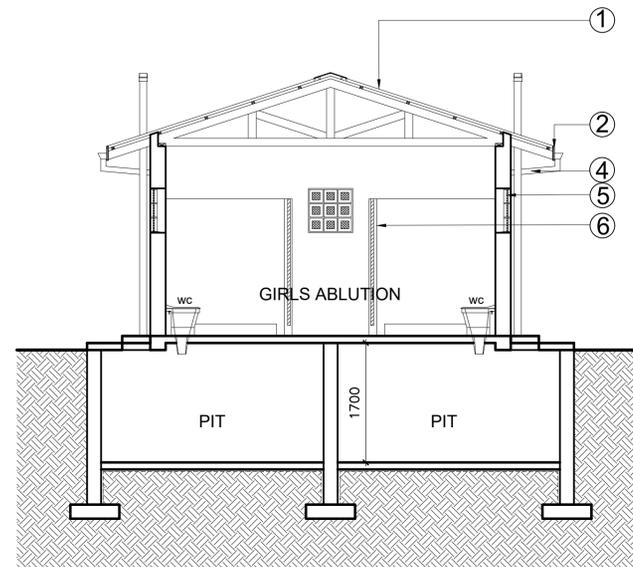
EXISTING BLOCK U
TYPICAL 3 CLASSROOM BLOCK
PLAN,SECTION,ELEVATION

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scale	AS INDICATED	drawn	KB
date	MAY 2019	checked	LC
drawing number			REV

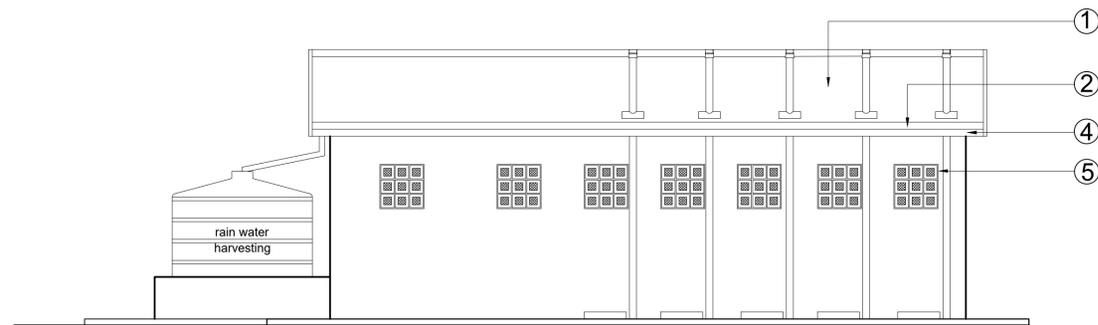
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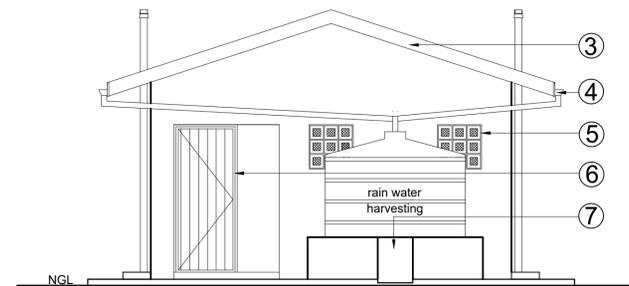
1 PLAN
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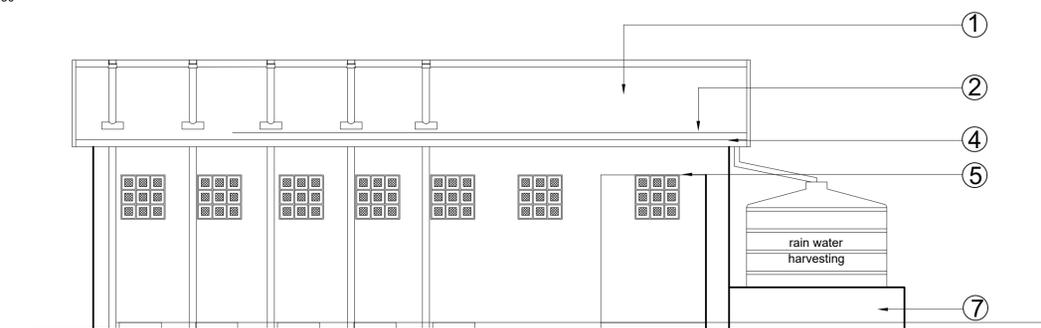
5 SECTION
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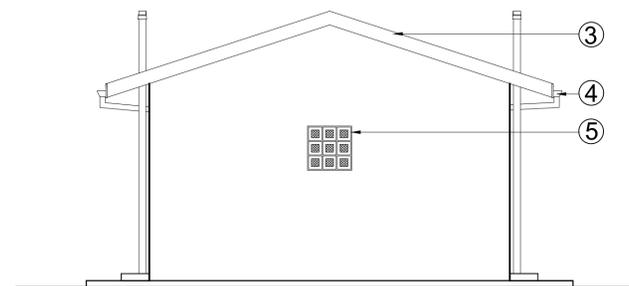
2 REAR ELEVATION
SCALE 1:50



4 SIDE ELEVATION
SCALE 1:50



3 FRONT ELEVATION
SCALE 1:50

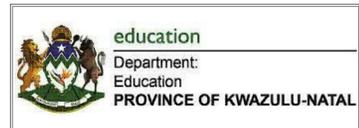


4 SIDE ELEVATION
SCALE 1:50

LEGEND

1. Existing asbestos roof sheeting to be removed and replaced with IBR roof sheeting
2. Existing fascias to be removed and replaced with new
3. Existing barge boards to be removed and replace with new
4. Replace damaged gutters and downpipes with new aluminium gutters and downpipes
5. Replace damaged glazing and window mechanisms where necessary
6. Replace damaged doors, frames and ironmongery where necessary and add galvanized security gate
7. Rain water harvesting tank on concrete plinth to engineer's detail and specifications

No.	DATE	AMENDMENT	D.P.W.
Copyright vests in the Department of Public Works			
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name: _____			
date: _____			
professional registration no.: _____			



discipline ARCHITECTURAL
service _____



drawing title
**KZN D.O.E. INFRASTRUCTURE
DEVELOPMENT AND MAINTENANCE
PROGRAMME**
MBASELA PRIMARY SCHOOL
EXISTING BLOCK W
TYPICAL FEMALE ABLUTION (10 CUBICL)
PLAN,SECTION,ELEVATION

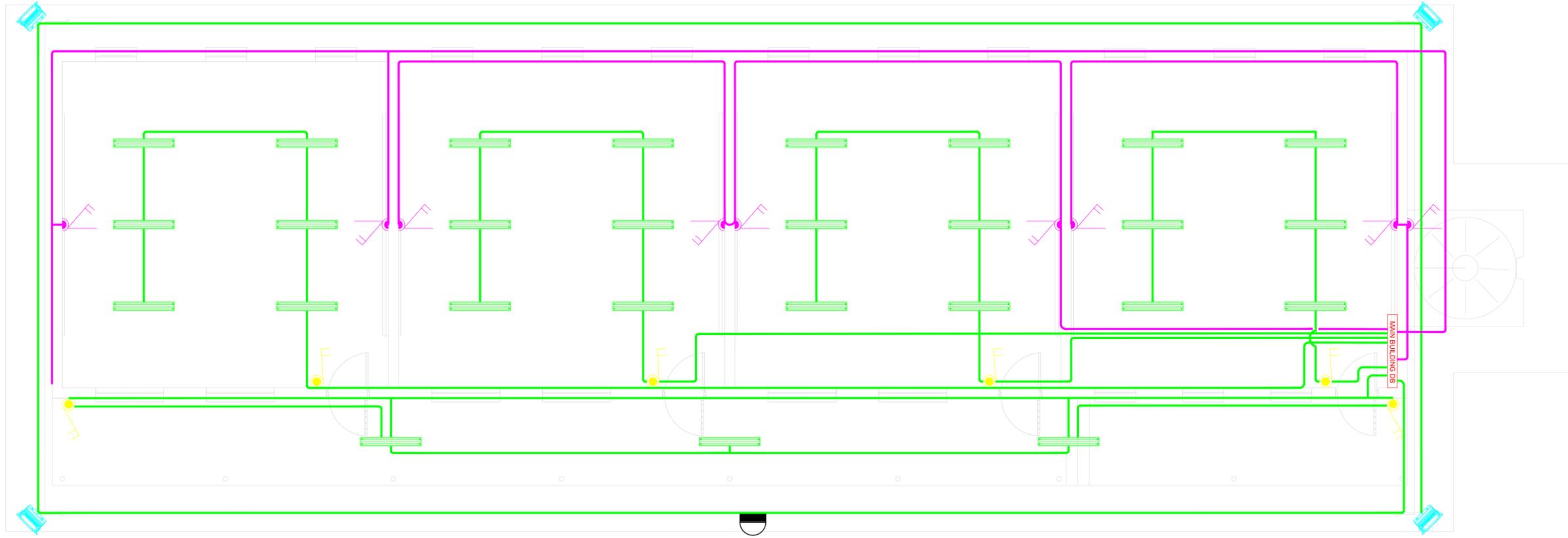
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date	MAY 2019	checked	LC
drawing number			REV

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 5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARCHITECT'S DRAWING AND ALL DIMENSIONS VERIFIED.
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 8. SUBCONTRACTING OF ANY PORTION OF THE WORKS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES AND LIABILITIES IN TERMS OF THE CONTRACT AND THE REGULATIONS NOTED IN 6.
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 10. ALL WET SERVICES ARE TO HAVE FLEXIBLE JOINTS AGAINST THE BUILDING.
 11. STORMWATER IS TO BE ADEQUATELY ROUTED AWAY FROM THE STRUCTURE.
 12. PONDING OF WATER DURING AND AFTER CONSTRUCTION IS NOT BE PERMITTED.

ITEM	DISCRIPTION	QTY
1	FLUORESCENT LIGHTS	27
2	ROOM SUPPLY DB'S	0
3	MAIN SUPPLY DB	1
4	PERIMETER SPOTLIGHTS	4
5	SINGLE LIGHT SWITCH	0
6	DOUBLE LIGHT SWITCH	6
7	DAY NIGHT SWITCH	1
8	DOUBLE PLUG	9
9	LIGHT CONDUIT	-
10	PLUG CONDUIT	-

LEGEND

	FLUORESCENT LIGHTS
	PERIMETER SPOTLIGHTS
	ROOM SUPPLY DB'S
	MAIN SUPPLY DB
	DOUBLE PLUG SOCKET
	DOUBLE LIGHT SWITCH
	SINGLE LIGHT SWITCH
	DAY NIGHT SWITCH
	LIGHT CONDUIT
	PLUG CONDUIT



STATUS: FOR INFORMATION

	NAME	SIGNATURE	ECSA REG. No.	DATE
DESIGNED BY:	M.B.			---
REVIEWED BY:	N.V.			---
APPROVED BY:	---			---

Civpro Engineering Joint Venture

Musgrave Centre
8th Floor, Musgrave Road,
Durban
Tel: (031) 000 0449
Fax: (086) 673 3964
www.civproeng.co.za

CLIENT:

Department: Education
PROVINCE OF KWAZULU-NATAL

DBSA

REFERENCE DRAWINGS

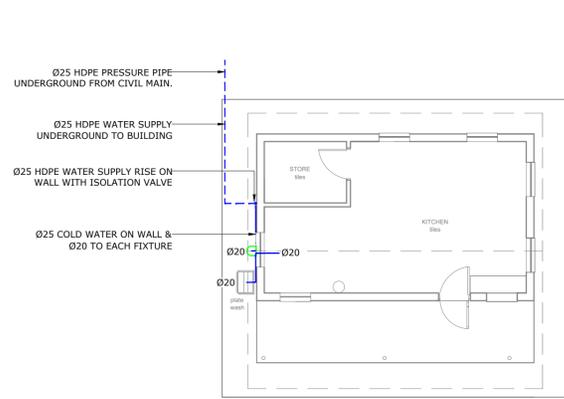
REV	DESCRIPTION	DATE

PROJECT: KZN D.O.E. INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME

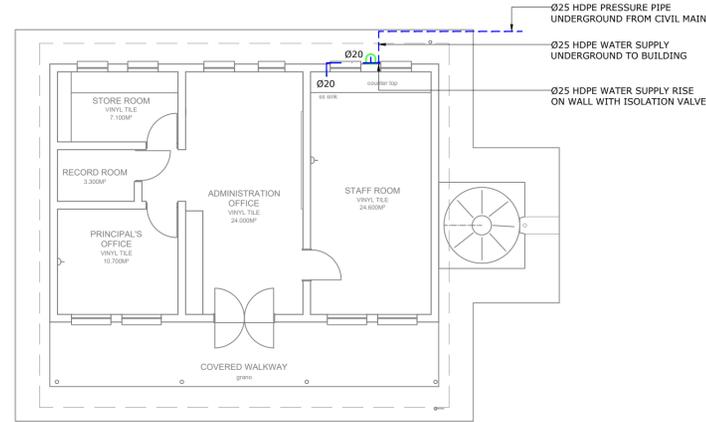
TITLE: MBASELA PRIMARY SCHOOL ELECTRICAL EQUIPMENT LAYOUT

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AS SHOWN	18/10/22	M.B	N.V

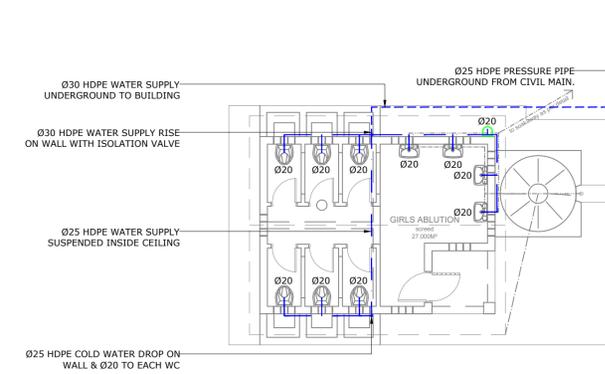
PROJECT NO:	DRAWING NO:	REVISION:
J21003	500-MBA-08	A



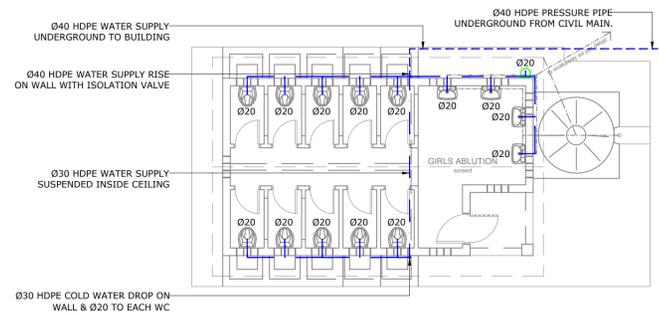
**01 - Existing Block B - Typical Kitchen Plan:
Water Reticulation Layout
Scale 1:100**



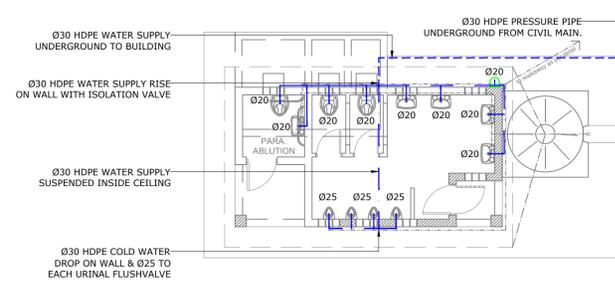
**02 - Existing Block O - Typical Admin Plan:
Water Reticulation Layout
Scale 1:100**



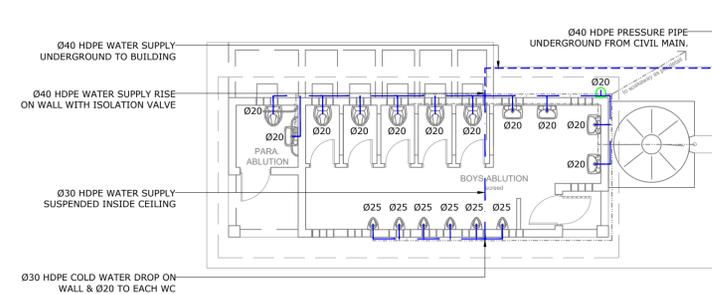
**03 - Existing Block - Typical Girls Ablution Plan:
Water Reticulation Layout
Scale 1:100**



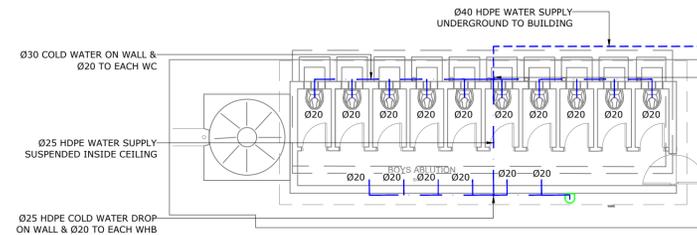
**04 - Existing Block W - Typical Female Ablution Plan (10):
Water Reticulation Layout
Scale 1:100**



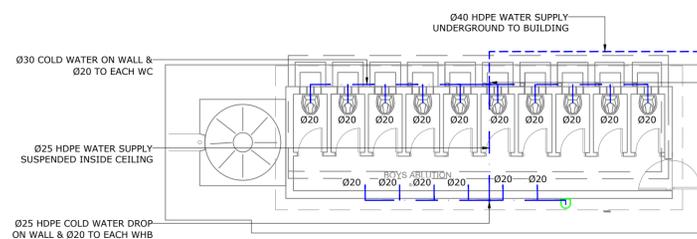
**05 - Existing Block - Typical Ablution Plan:
Water Reticulation Layout
Scale 1:100**



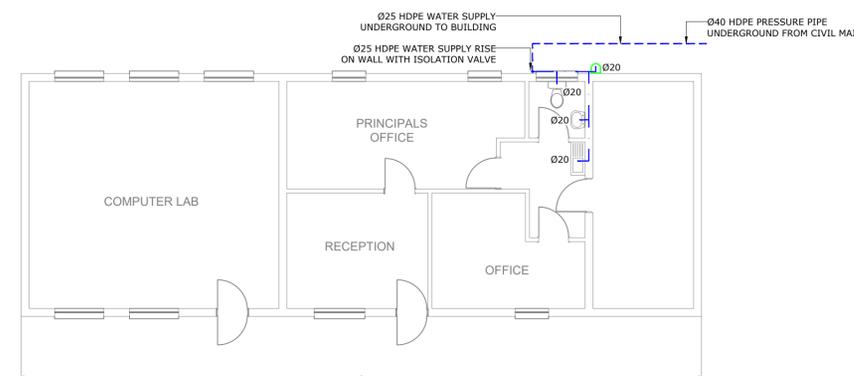
**06 - Existing Block - Typical Boys Ablution Plan:
Water Reticulation Layout
Scale 1:100**



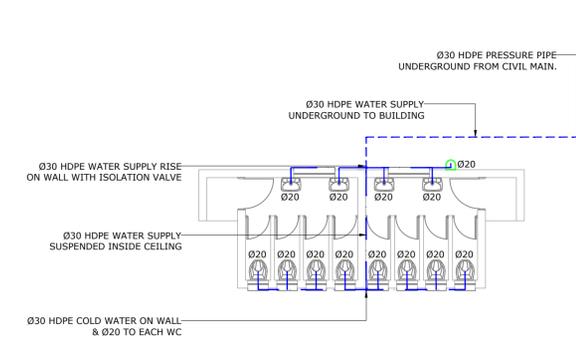
**07 - Existing Block E Typical Female Ablutions (10 Cubicle) Plan:
Drainage Reticulation Layout
Scale 1:100**



**08 - Existing Block D Typical Male Ablutions (10 Cubicle) Plan:
Water Reticulation Layout
Scale 1:100**



**09 - Existing Admin Block: Water Reticulation Layout
Scale 1:100**



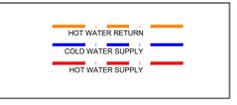
**10 - Existing Admin, O/Male & Female:
Water Reticulation Layout
Scale 1:100**

PLUMBER TO NOTE:
• FINAL PIPE ROUTING TO BE CONFIRMED ON SITE.

General Notes:
1. This drawing is to be read in conjunction with drawings issued by the consultants of various disciplines. In particular, structural, electrical, mechanical and wet services engineers.
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5. All work on site is to conform to good building practice and all relevant national codes and standards.
6. The master held at Cipro bears the original signature of approval.

No.	Date	Revisions	Drawn
A	2022/10/14	Issued For Information	M.R

Dwg No.	Description
1120-19-MBA-GA-2014	Existing Admin, O/Male & Female & Block W
1120-19-MBA-GA-2020	Existing Block B Typical Kitchen Plan
1120-19-MBA-GA-2020	Existing Block O Typical Male Ablution (10)
1120-19-MBA-GA-2020	Existing Block E Typical Female Ablution (10)
1120-19-MBA-GA-2014	Existing Block O Typical Admin
1120-19-MBA-GA-2022	Existing Block W Typical Female Ablution (10)



Project Name:
DBSA Schools - Mbasela Primary School

Project Description:
KZN D.O.E Infrastructure Development & Maintenance Programme

Project Service:
Mechanical: Wet Services

Client:



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Consultants:

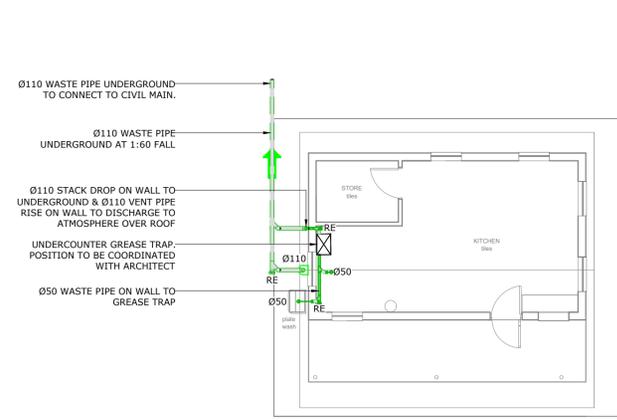


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For Information

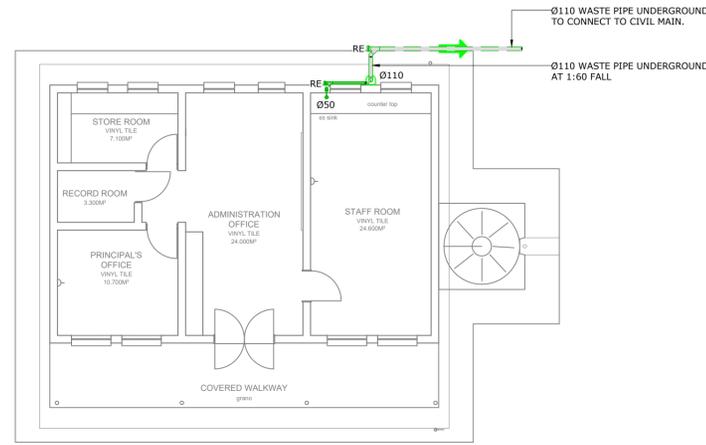
Consultant Approval:

Drawing Details:
Existing Block B, O, W, E, D & Admin
Water Reticulation Layout

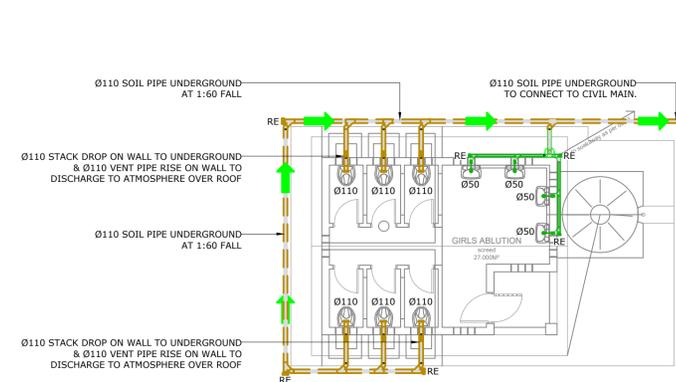
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COUNCIL APPROVAL SIGNOFF:			



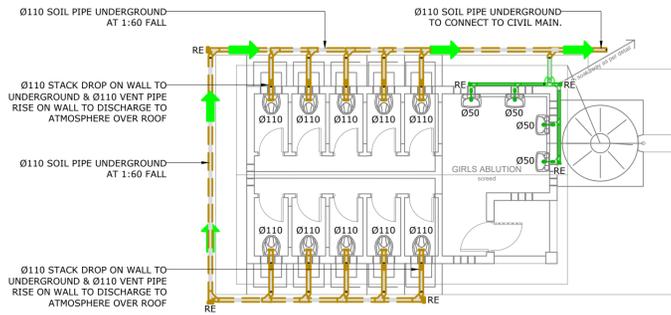
01 - Existing Block B - Typical Kitchen Plan: Drainage Reticulation Layout
Scale 1:100



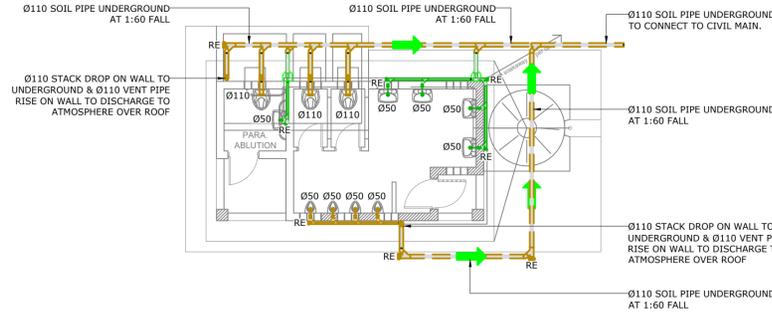
02 - Existing Block O - Typical Admin Plan: Drainage Reticulation Layout
Scale 1:100



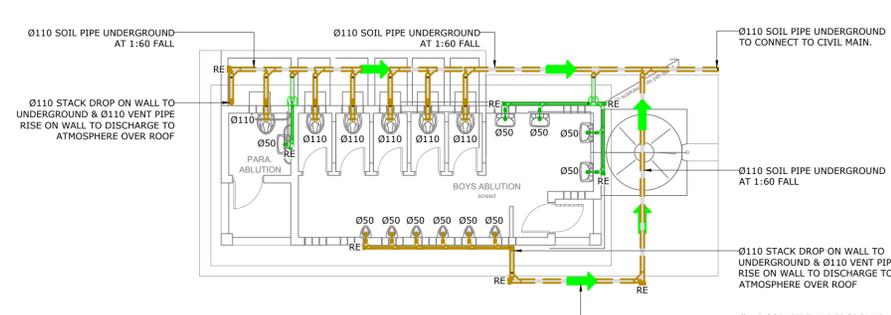
03 - Existing Block - Typical Girls Ablution Plan: Drainage Reticulation Layout
Scale 1:100



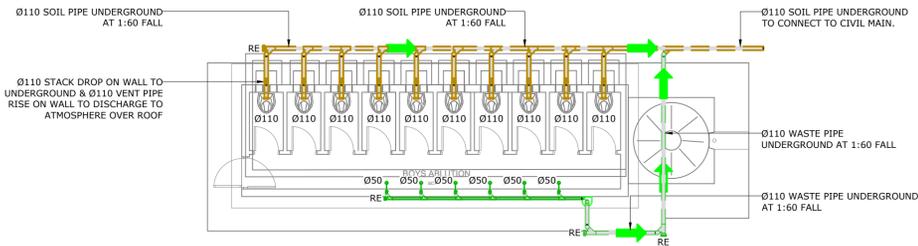
04 - Existing Block W - Typical Female Ablution Plan (10): Drainage Reticulation Layout
Scale 1:100



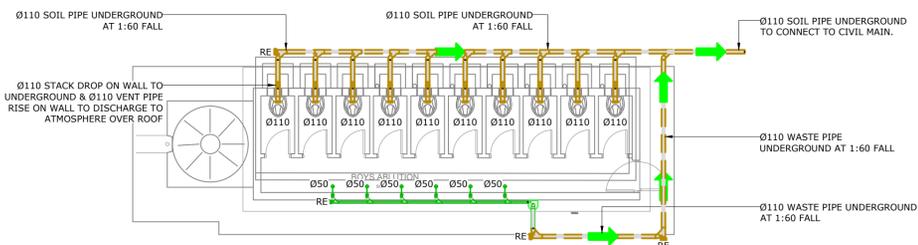
05 - Existing Block - Typical Ablution Plan: Drainage Reticulation Layout
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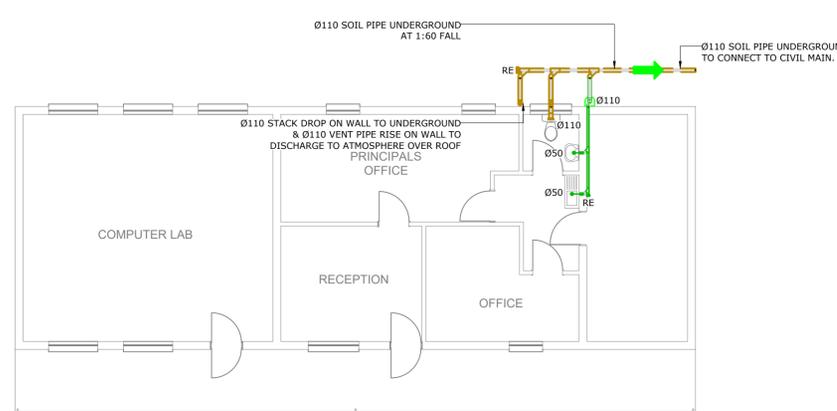
06 - Existing Block - Typical Boys Ablution Plan: Drainage Reticulation Layout
Scale 1:100



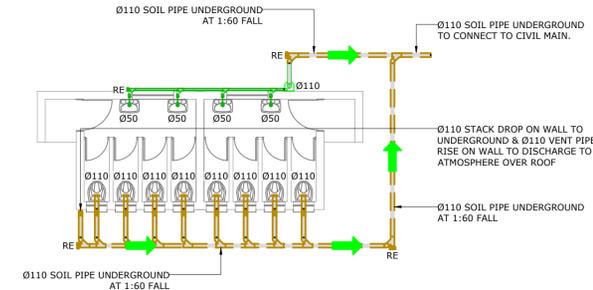
07 - Existing Block E Typical Female Ablutions (10 Cubicle) Plan: Drainage Reticulation Layout
Scale 1:100



08 - Existing Block D Typical Male Ablutions (10 Cubicle) Plan: Drainage Reticulation Layout
Scale 1:100



09 - Existing Admin Block: Drainage Reticulation Layout
Scale 1:100



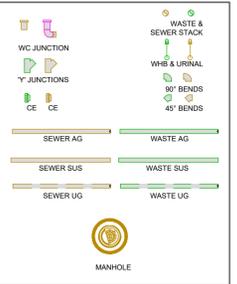
10 - Existing Admin, O/Male & Female: Drainage Reticulation Layout
Scale 1:150

PLUMBER TO NOTE:
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No.	Date	Revisions	Drawn
A	2022/10/14	Issued For Information	M.R

Dwg No.	Description
1120-19-MBA-GA-2014	Existing Admin, O/Male & Female & Block W
1120-19-MBA-GA-2020	Existing Block B Typical Kitchen Plan
1120-19-MBA-GA-2020	Existing Block O Typical Admin Plan
1120-19-MBA-GA-2020	Existing Block E Typical Female Ablution (10)
1120-19-MBA-GA-2020	Existing Block O Typical Admin
1120-19-MBA-GA-2022	Existing Block W Typical Female Ablution (10)



Project Name: DBSA Schools - Mbasela Primary School

Project Description: KZN D.O.E Infrastructure Development & Maintenance Programme

Project Service: Mechanical: Wet Services



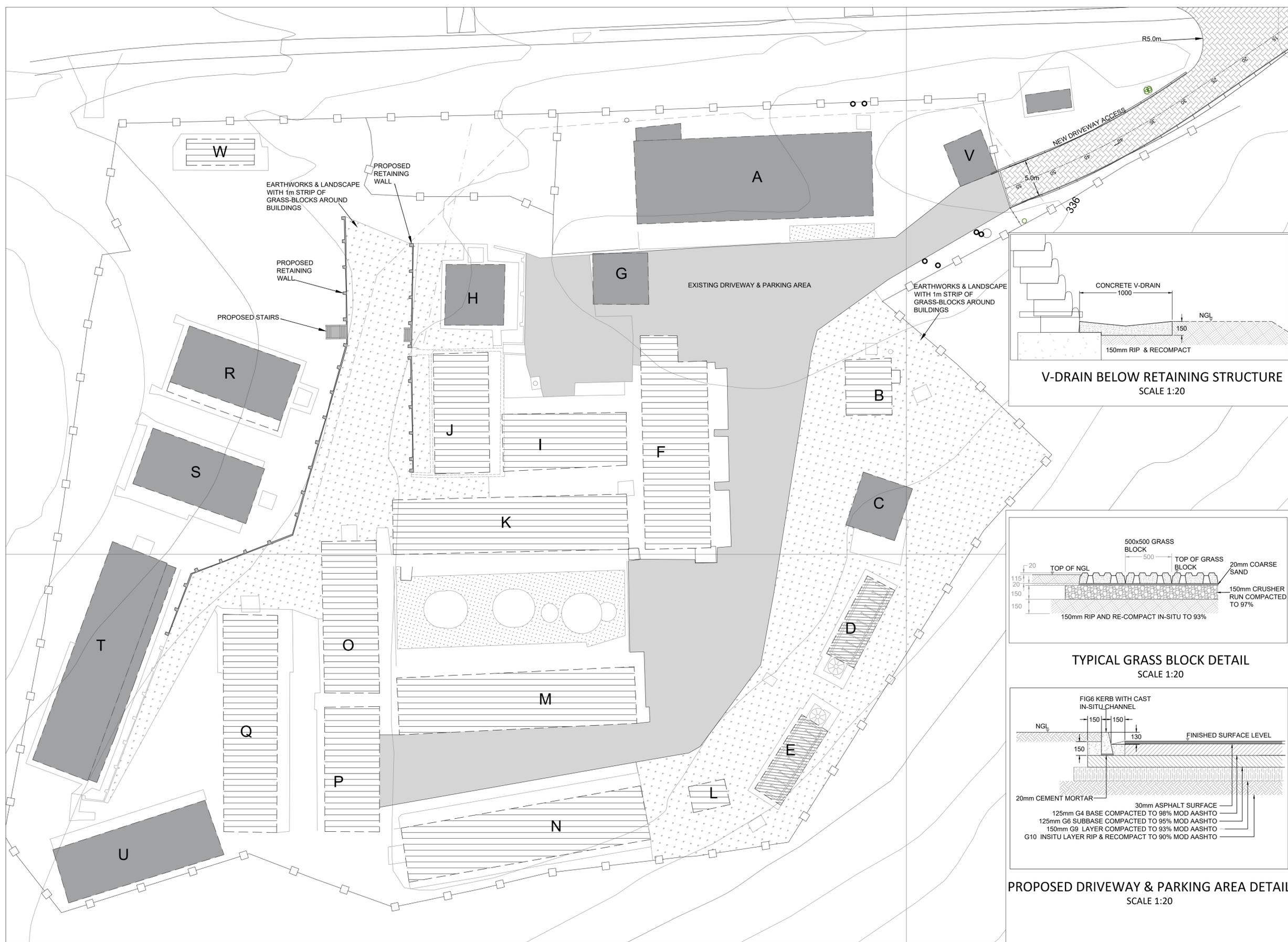
Drawing Issued: For Information

Consultant Approval:

Drawing Details: Existing Block B, O, W, E, D & Admin Drainage Reticulation Layout

Drawing Number:	Rev No.:
2259-WETS-LYT-08-02-RA	A
Date: 2022/10/14	Scale: 1:100
Client:	Paper Size: A1
Date:	Drawn: M.R
	Checked: Z.D

COUNCIL APPROVAL SIGNOFF:



CIVIL SERVICES LAYOUT PLAN
SCALE 1:250

LEGEND

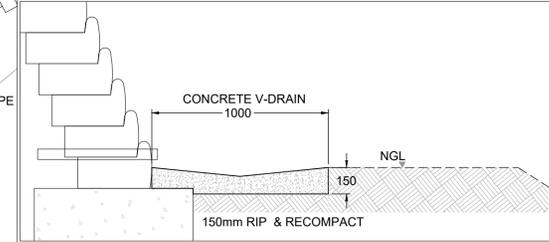
- EXISTING DRIVEWAY AND PARKING AREA
- EXISTING SCHOOL BLOCKS - REPLACEMENT OF ASBESTOS ROOFS
- EXISTING SCHOOL BLOCKS - NO ROOF REPLACEMENT
- EXISTING GRASS AREA
- PROPOSED RETAINING WALL
- PROPOSED STAIRS
- PROPOSED LANDSCAPING WITH GRASS-BLOCKS
- PROPOSED DRIVEWAY ACCESS
- DEMOLISH AND REBUILD BUILDING



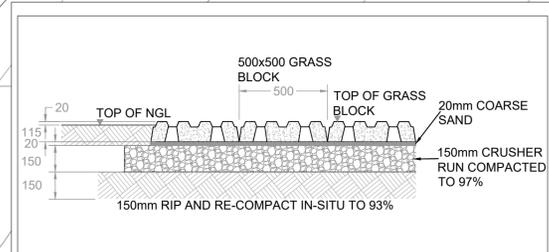
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 15. ALL DEBRI AND VEGETATION TO BE REMOVED FROM THE STORMWATER SYSTEMS (DRAINS AND CHANNELS).



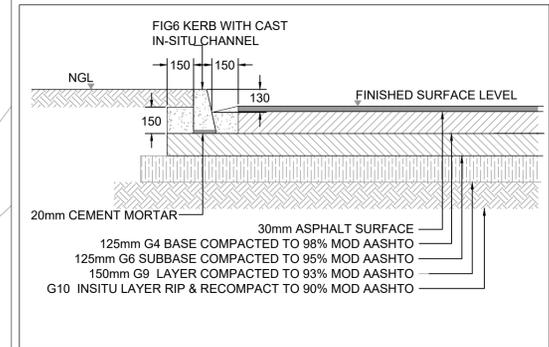
LOCALITY PLAN
SCALE 1:20000



V-DRAIN BELOW RETAINING STRUCTURE
SCALE 1:20



TYPICAL GRASS BLOCK DETAIL
SCALE 1:20



PROPOSED DRIVEWAY & PARKING AREA DETAIL
SCALE 1:20

STATUS: **FOR APPROVAL**

	NAME	SIGNATURE	ECSA REG. No.	DATE
DESIGNED BY:	R.V.			20-09-2022
REVIEWED BY:	N.Z.			21-09-2022
APPROVED BY:	N.Z.			22-09-2022

Civpro Engineering Joint Venture
Musgrave Centre
8th Floor, Musgrave Road,
Durban
Tel: (031) 000 0449
Fax: (086) 673 3964
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REFERENCE DRAWINGS	
TYPICAL SECTIONS & ALIGNMENTS	-300-MBA-02

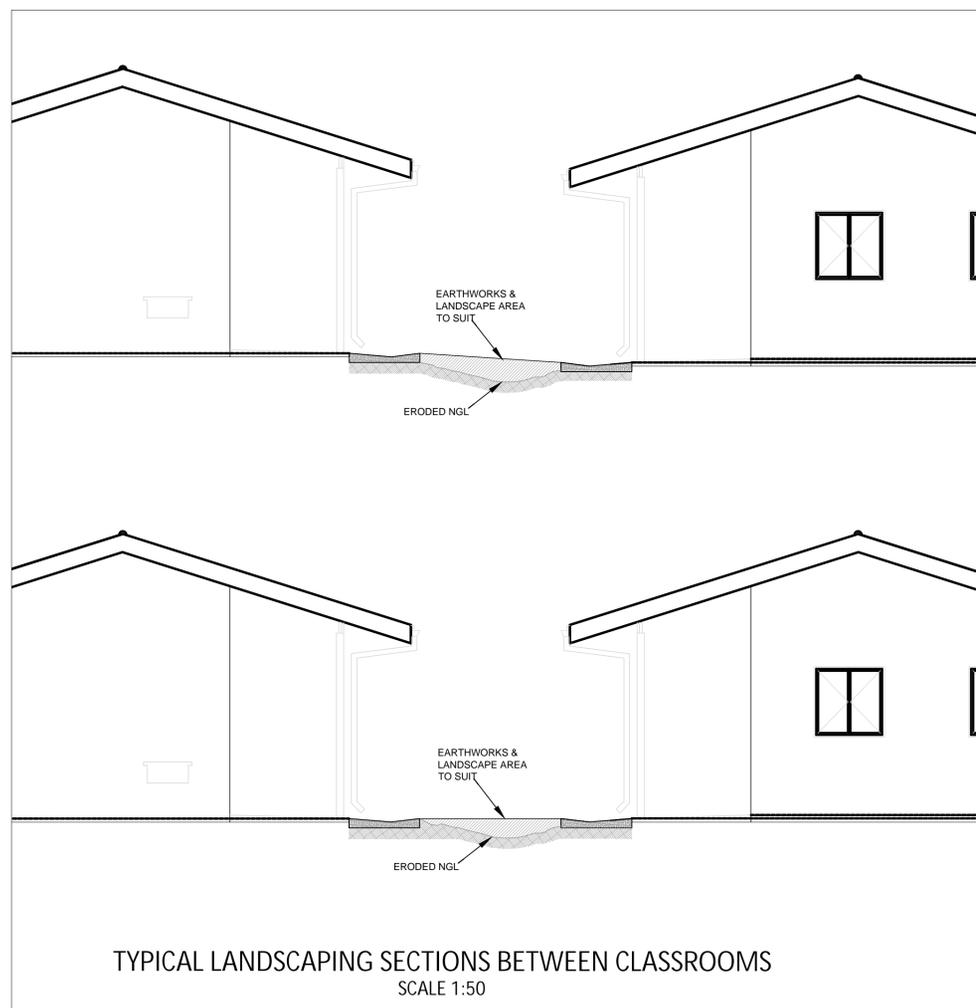
REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	20/09/2022

PROJECT: **KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME**

TITLE: **MBASELA PRIMARY SCHOOL CIVIL SERVICES LAYOUT PLAN**

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
AS SHOWN	20/09/22	RV	NZ

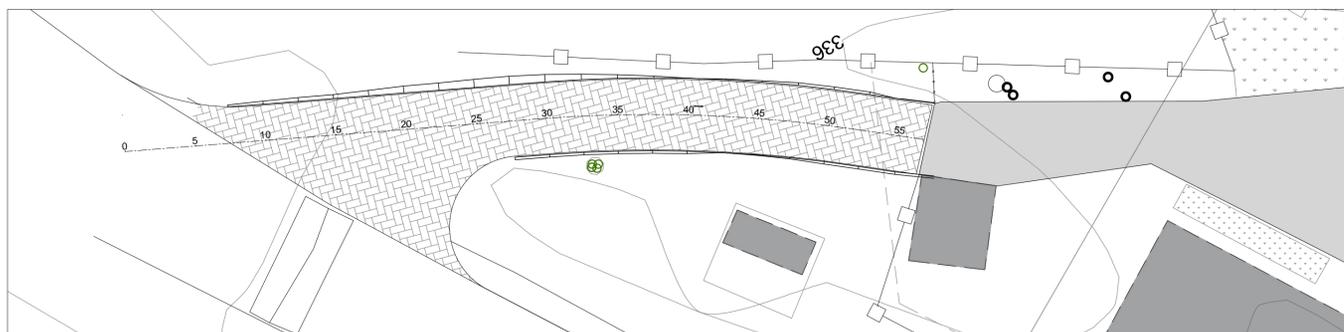
PROJECT NO:	DRAWING NO:	REVISION:
D19001	300-MBA-01	A



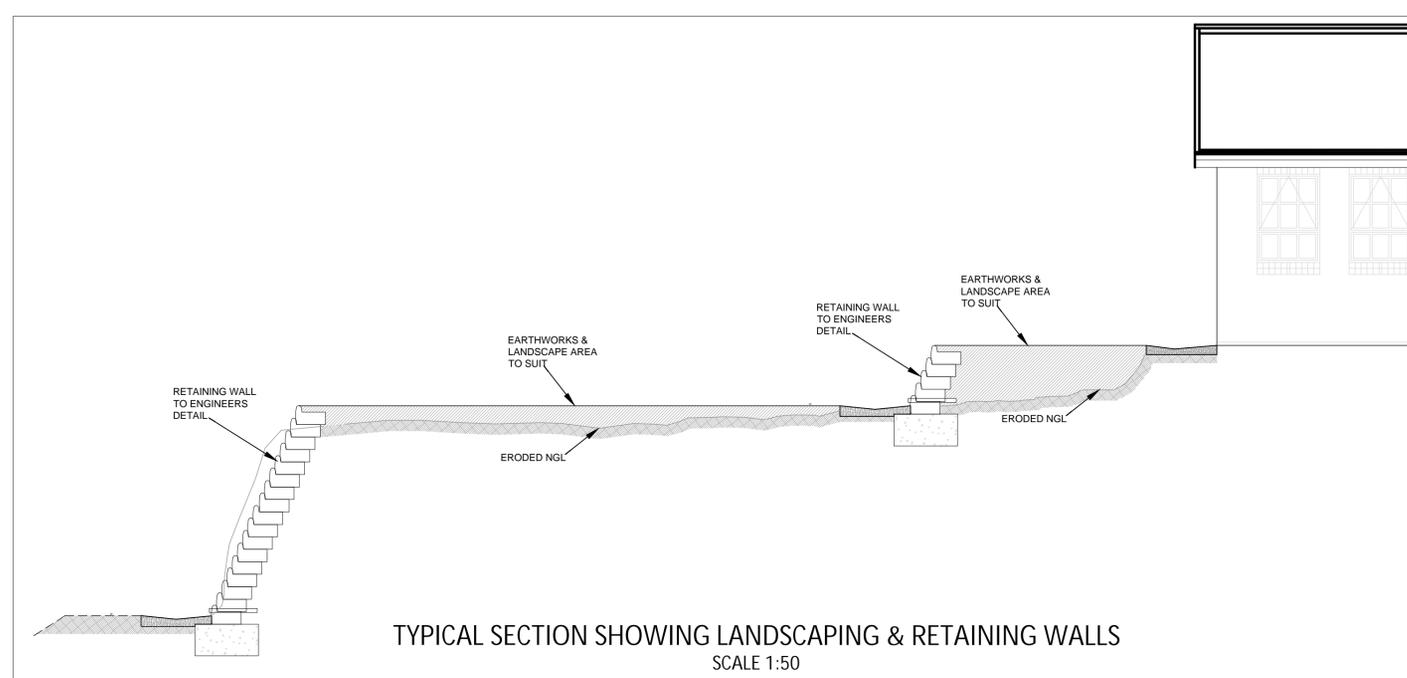
TYPICAL LANDSCAPING SECTIONS BETWEEN CLASSROOMS
SCALE 1:50



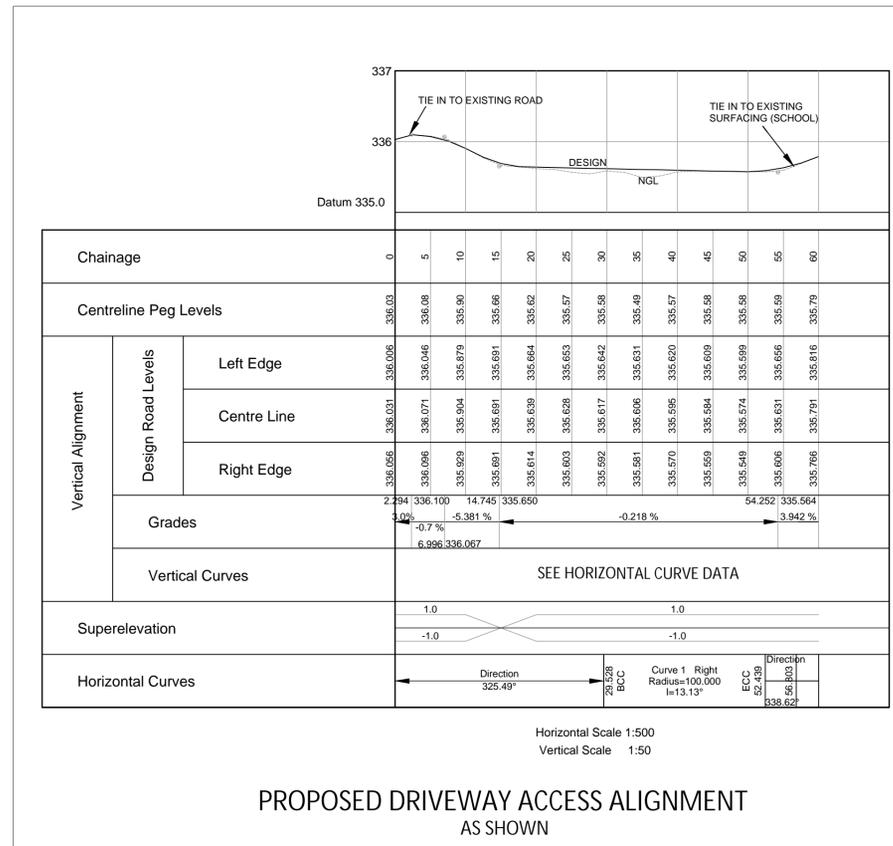
TYPICAL SECTION SHOWING LANDSCAPING & GRASS-BLOCKS STRIP
SCALE 1:50



PROPOSED DRIVEWAY ACCESS LAYOUT PLAN
SCALE 1:250



TYPICAL SECTION SHOWING LANDSCAPING & RETAINING WALLS
SCALE 1:50



PROPOSED DRIVEWAY ACCESS ALIGNMENT
AS SHOWN

Horizontal Curve Data			
Start	0.000	8078.314	3290538.058
End			
Elements of curve No. 1 (PI1)			Radius 100.000
Back straight	325.2918	Transitions	0.000 0.000
Front straight	338.3656	Tangents	11.506 11.506
Intersect angle	13.0737	Trans. Shift	0.000 0.000
Curve direction	RIGHT	Arc length	22.911
Chainage	Y	X	
PI1	8055.066	3290571.870	
CC1	8143.986	3290619.046	
BC1	29.528	8061.585	3290562.389
EC1	52.439	8050.871	3290582.584
End	8049.279	3290586.647	

Vertical Curve Data			
Start	0.000	336.031	
End			
Elements of curve no. 1 (Parabola)			
Back Grade	3.0078466	Length In	0.000
Front Grade	-0.7018290	Length Out	0.000
K Value	0.0000000		
Chainage	Elevation		
VP11	2.294	336.100	Curve Length 0.000
BVC1	2.294	336.100	
EVC1	2.294	336.100	

Elements of curve no. 2 (Parabola)			
Back Grade	-0.7018290	Length In	3.750
Front Grade	-5.3813395	Length Out	3.750
K Value	1.6027317		
Chainage	Elevation		
VP12	6.996	336.067	Curve Length 7.500
BVC2	3.246	336.093	
EVC2	10.746	335.865	

Elements of curve no. 3 (Parabola)			
Back Grade	-5.3813395	Length In	3.750
Front Grade	-0.2176829	Length Out	3.750
K Value	1.4524591		
Chainage	Elevation		
VP13	14.745	335.650	Curve Length 7.500
BVC3	10.995	335.852	
EVC3	18.495	335.642	

Elements of curve no. 4 (Parabola)			
Back Grade	-0.2176829	Length In	5.000
Front Grade	3.9416745	Length Out	5.000
K Value	2.4042175		
Chainage	Elevation		
VP14	54.252	335.564	Curve Length 10.000
BVC4	49.252	335.575	
SAG4	49.775	335.574	
EVC4	59.252	335.761	
End	75.512	336.402	

Edge Control Data						
Chainage	% Left	% Right	Round	W. Left	W. Right	Temp.
0.000	-1.000	1.000	0.000	2.500	2.500	1
Constant	10.000	-1.000	-1.000	0.000	2.500	1
Varies	20.000	1.000	-1.000	0.000	2.500	1
Constant	75.512	1.000	-1.000	0.000	2.500	1

REFERENCE DRAWINGS	
-CIVIL SERVICES LAYOUT PLAN	-300-MBA-01

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	20/09/2022

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LEGEND

- NGL/ERODED NGL
- EARTHWORKS \ LANDSCAPE
- PROPOSED DRIVEWAY ACCESS

STATUS: FOR APPROVAL

DESIGNED BY:	R.V.	SIGNATURE	ECSA REG. No.	DATE
REVIEWED BY:	N.Z.			21-09-2022
APPROVED BY:	N.Z.			22-09-2022

Civpro Engineering Joint Venture

Musgrave Centre
8th Floor, Musgrave Road,
Durban
Tel: (031) 000 0449
Fax: (086) 673 3964
www.civproeng.co.za

CLIENT: education
Department of Education
PROVINCE OF KWAZULU-NATAL

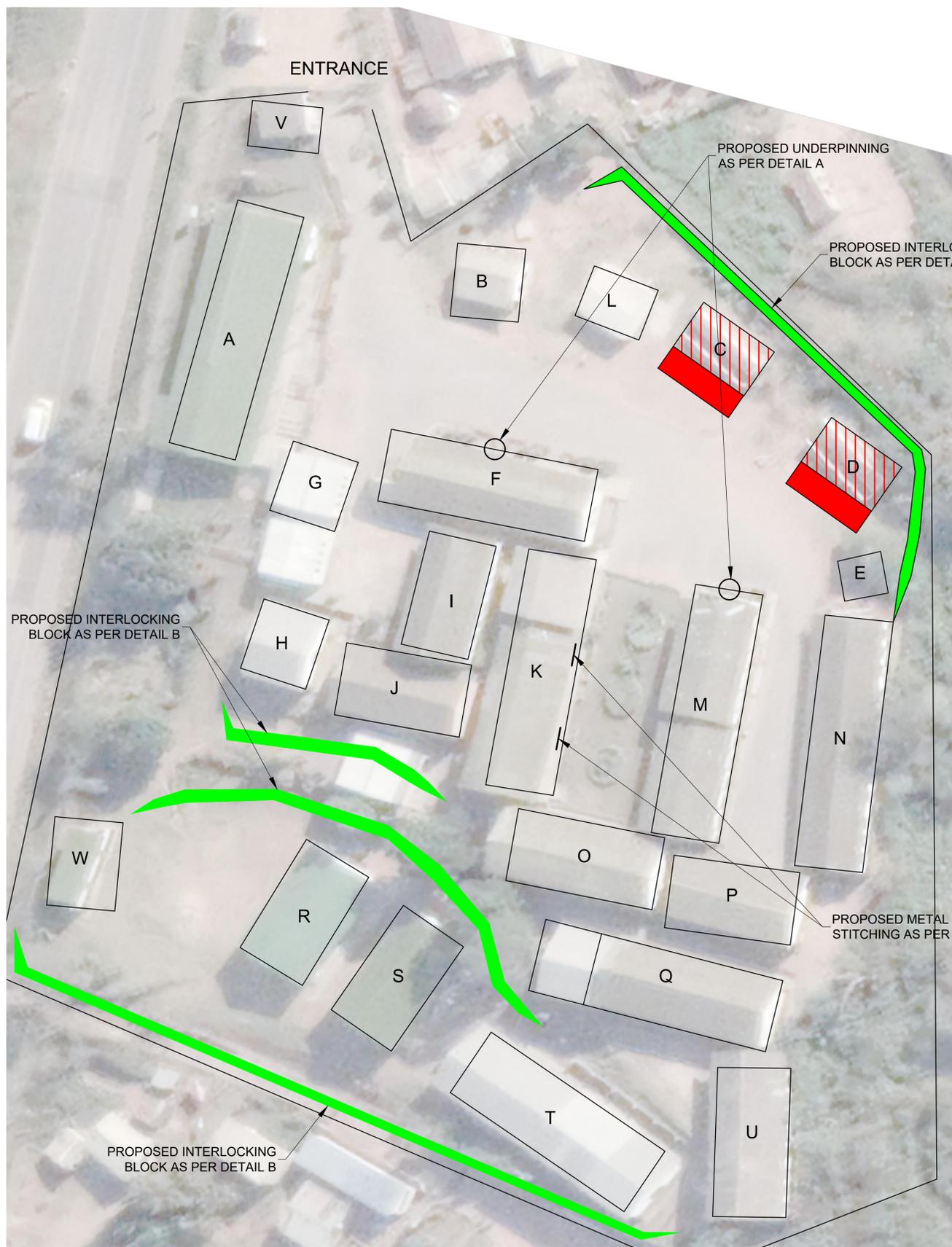
DBSA

PROJECT: KZN DOE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE PROGRAMME

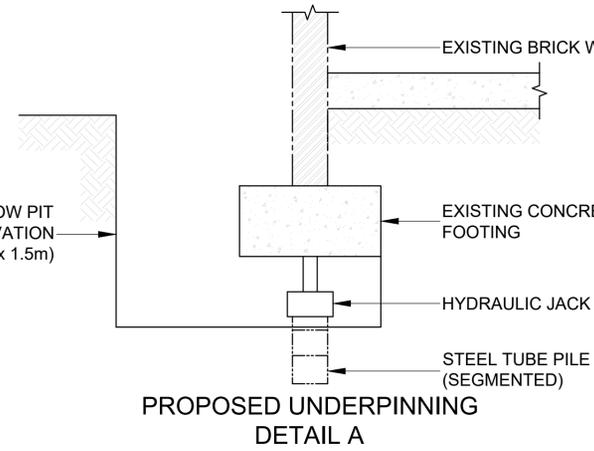
TITLE: MBASELA PRIMARY SCHOOL TYPICAL SECTIONS & ALIGNMENTS

SCALE AT A1: AS SHOWN DATE: 20/09/22 DRAWN: RV CHECKED: NZ

PROJECT NO: D19001 DRAWING NO: 300-MBA-02 REVISION: A

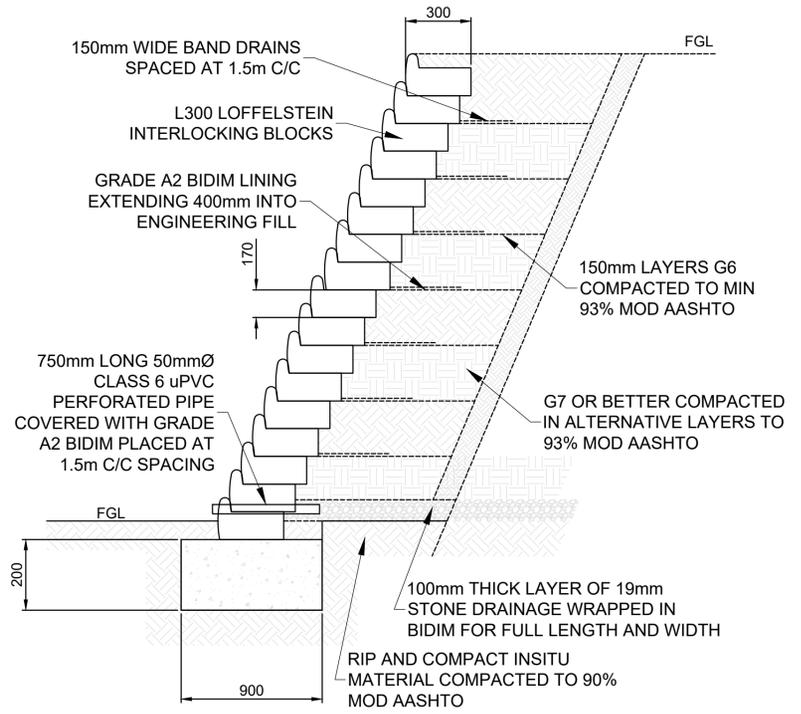


SITE LAYOUT PLAN
SCALE 1:500

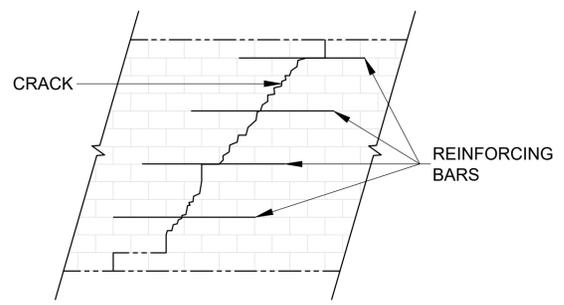


DETAIL-A UNDERPINNING METHODOLOGY

- EXCAVATE 1.5m x 1.5m (DEPTH VARIES) TO EXPOSE THE FOUNDATION.
- POSITION THE STEEL SEGMENT CENTRAL TO THE UNDERSIDE OF THE FOUNDATION.
- JACK THE STEEL PILE SEGMENTS ADDED TO PILE LENGTH ONE AT A TIME UNTIL RESISTANCE.
- BACKFILL THE PIT WITH 30MPa CONCRETE UP TO THE UNDERSIDE OF THE FOUNDATION.



TYPICAL INTERLOCKING BLOCK
DETAIL B



PROPOSED METAL STITCHING
DETAIL C

METAL STITCHING METHODOLOGY

THE STRUCTURAL CRACKS ARE TO BE METAL STITCHED USING 1000MM LONG THORHELICAL OR SIMILAR APPROVED 9MM DIAMETER HELICAL BARS WHICH ARE TO BE INSTALLED AT EVERY 4TH COURSE FOR THE LENGTH OF THE CRACK BEING REPAIRED AS INDICATED THE DETAIL AND IN THE FOLLOWING STEPS:

- GRIND OUT MORTAR BED JOINT TO A DEPTH OF 40mm x 500mm LONG EITHER SIDE OF THE CRACK.
- CLEAR DEBRIS FROM THE SLOT AND THOROUGHLY FLUSH OUT WITH WATER OR BLAST WITH COMPRESSED AIR.
- APPLY A BED OF 30MPa GROUT TO THE BACK OF THE SLOT TO APPROXIMATELY 10mm FROM THE SURFACE.
- PUSH THE THORHELICAL BAR BACK INTO THE GROUT FILLED SLOT, TROWEL BACK THE DISPLACED GROUT.
- FINISH FACE BRICK GROUT JOINT INLINE WITH EXISTING.

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IF ANY INFORMATION IS
UNCLEAR ON THE DRAWINGS
CONTACT CIVPRO

STATUS: FOR APPROVAL

	NAME	SIGNATURE	ECSA REG. No.	DATE
DESIGNED BY:	T.N.			20/09/2022
REVIEWED BY:	M.W.			20/09/2022
APPROVED BY:	T.N.			20/09/2022

Civpro Engineering Joint Venture
Musgrave Centre
8th Floor, Musgrave Road,
Durban
Tel: (031) 000 0449
Fax: (086) 673 3964
www.civproeng.co.za

CLIENT: Department of Education
PROVINCE OF KWAZULU-NATAL
DBSA

PROJECT: REPLACEMENT OF ASBESTOS

TITLE: MBASELA PRIMARY SCHOOL STRUCTURAL REPAIRS

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
AS SHOWN	20/09/2022	KW	NZ
PROJECT NO:	DRAWING NO:	REVISION:	
D19001	400-MBA-01	0.1	

REV	DESCRIPTION	DATE
0.1	DRAWING ISSUED FOR APPROVAL	20/09/2022

REV	DESCRIPTION	DATE
0.1	DRAWING ISSUED FOR APPROVAL	20/09/2022