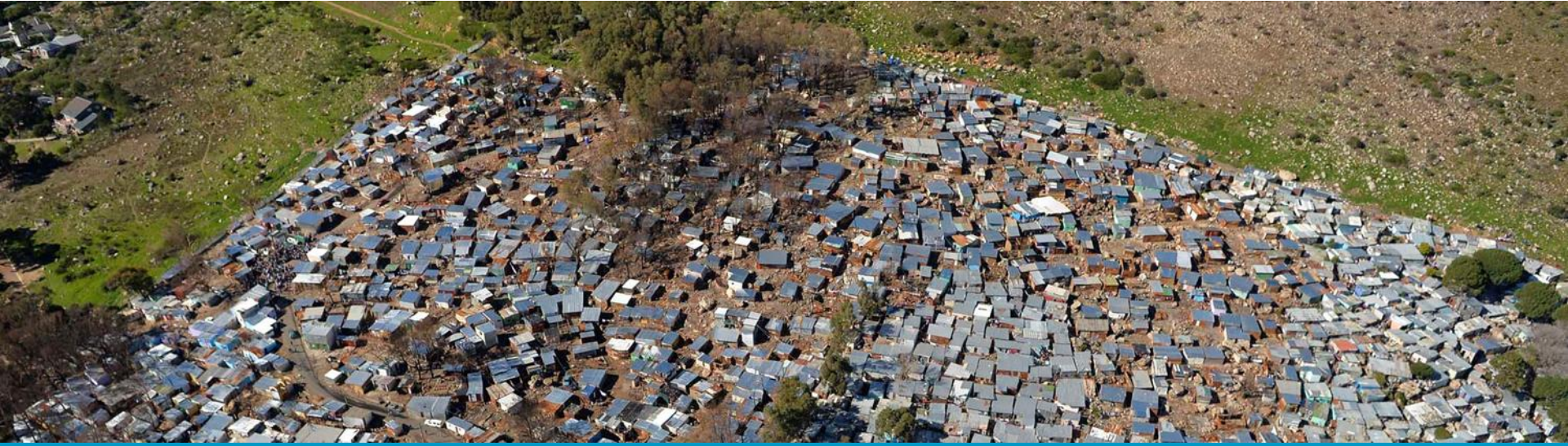
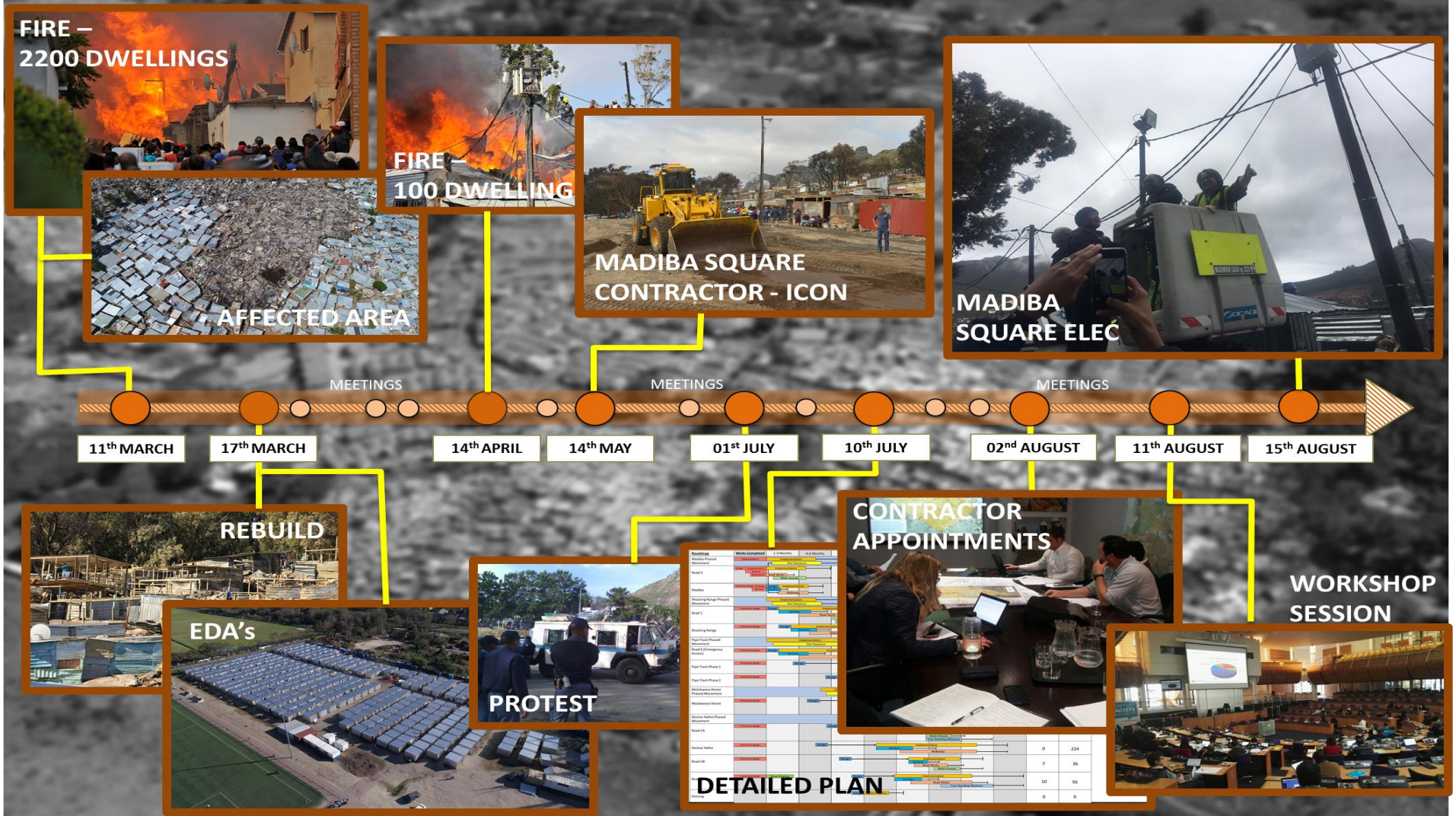


Imizamo Yethu
12th September 2017

Making progress possible. Together.

Agenda

Agenda Item
Portfolio View – Greater Imizamo Yethu
Scope of Works – Imizamo Yethu IS
Roadmap
Planning Work Sequence
Displacement
Planned Areas
Progress


FIRE –
2200 DWELLINGS
FIRE –
100 DWELLING
AFFECTED AREA
MADIBA SQUARE
CONTRACTOR - ICON
MADIBA
SQUARE ELEC
MEETINGS
MEETINGS
MEETINGS
11th MARCH
17th MARCH
14th APRIL
14th MAY
01st JULY
10th JULY
02nd AUGUST
11th AUGUST
15th AUGUST
REBUILD
EDA's
PROTEST
DETAILED PLAN
CONTRACTOR
APPOINTMENTS
WORKSHOP
SESSION

Portfolio View – Greater Imizamo Yethu

TRIANGLE SITE
IY PHASE 3 - PETERSEN
IY ROADS REHABILITATION
IY PHASE 3 HOUSING DEVELOPMENT – FORESTRY SITE
PARKS DEPOT SITE
DISA
IMIZAMO YETHU IS PROGRAMME
MASAKHANE PHP HOUSING
SPORTSFIELD
IY PHASE 3 -PENZANCE

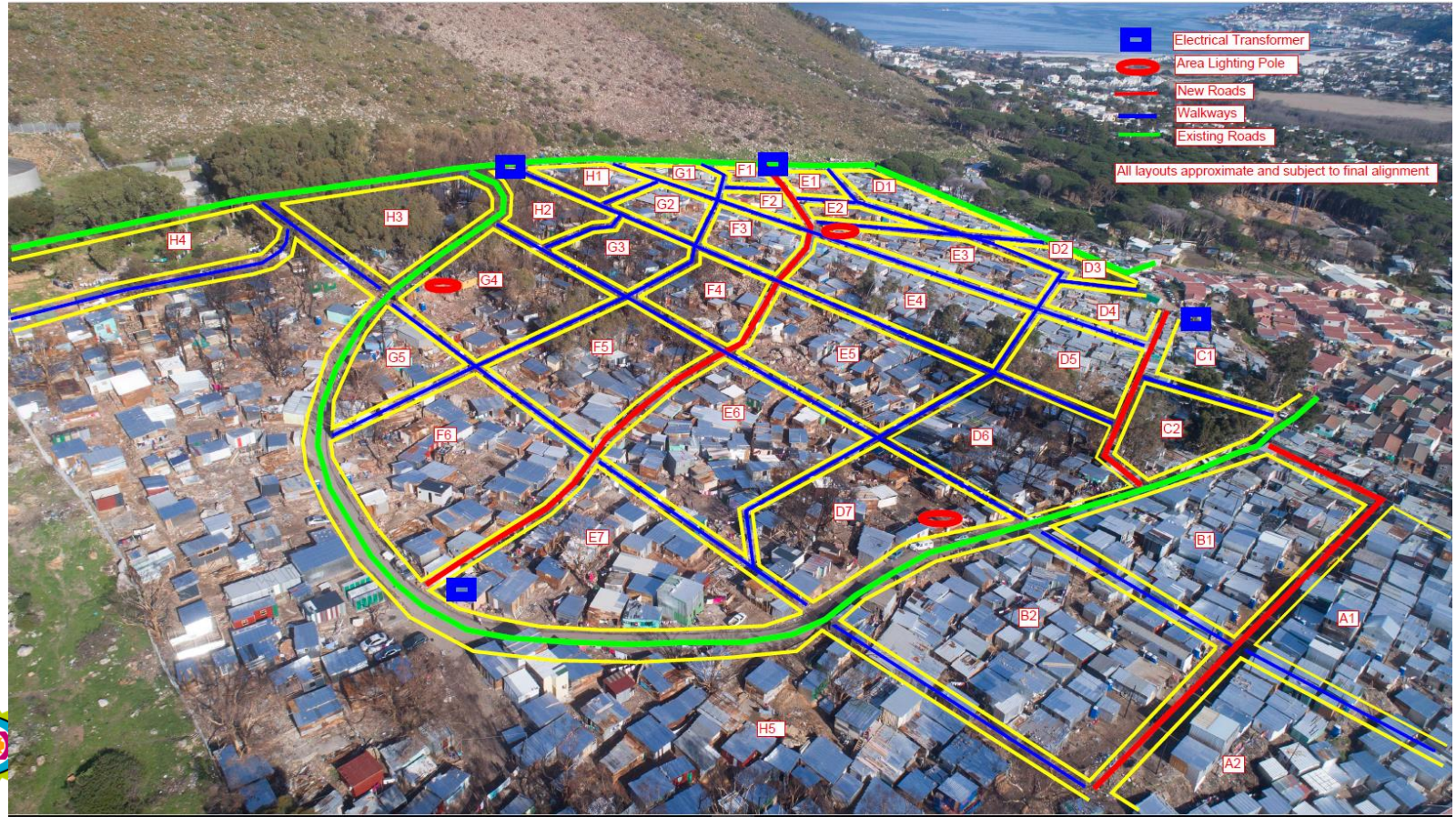
Programme – IY Phase 3 – Housing Development

Project – Roads: Rehabilitation

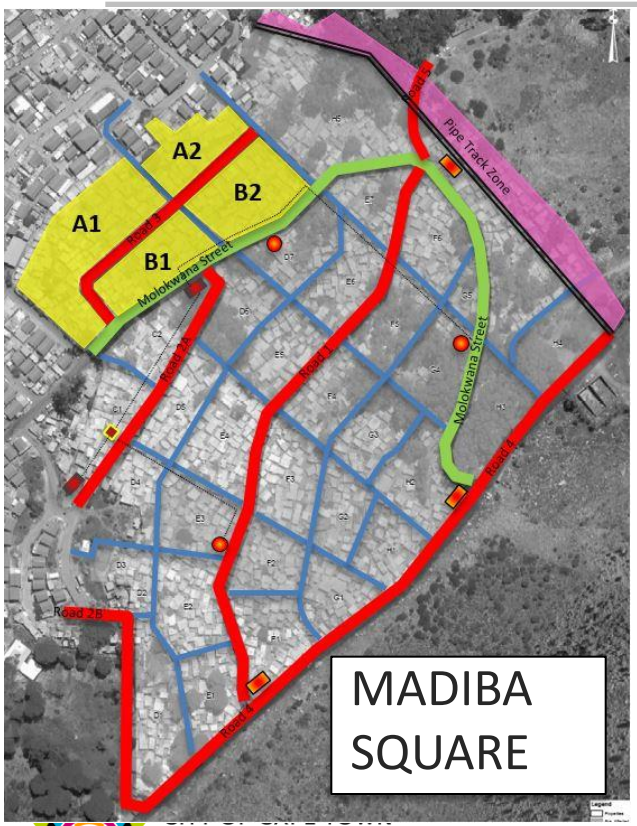
Scope of Works – Imizamo Yethu IS

PHOTO :
03 August 2017

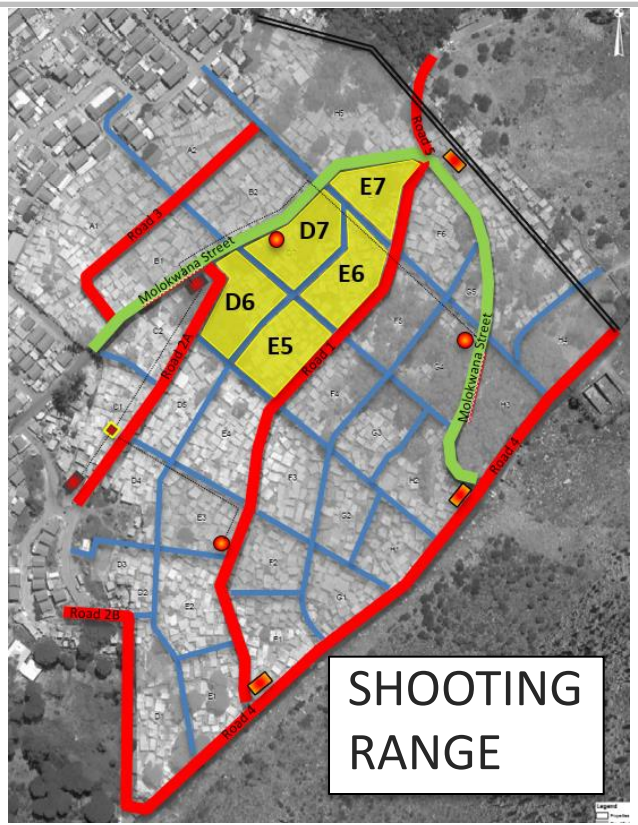
Programme – Imizamo Yethu IS



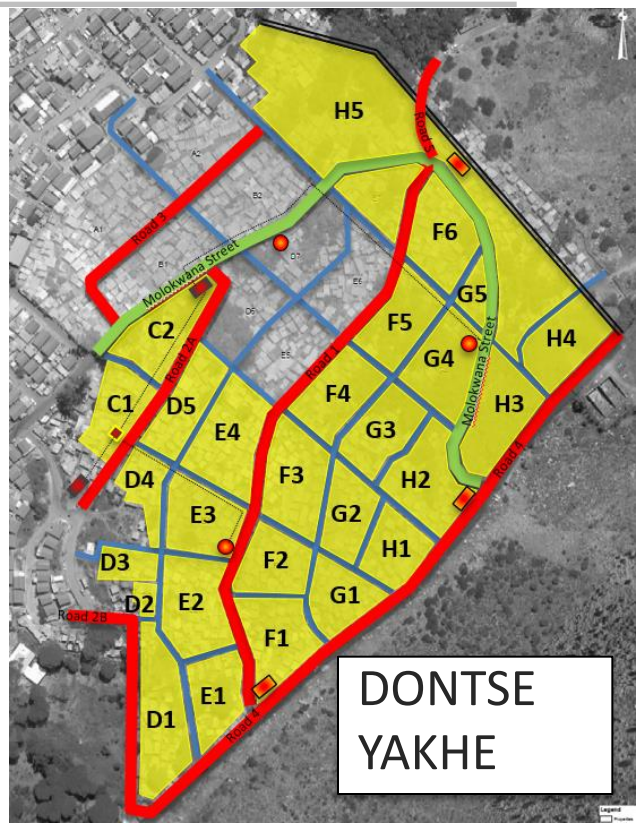
Work Areas



MADIBA SQUARE



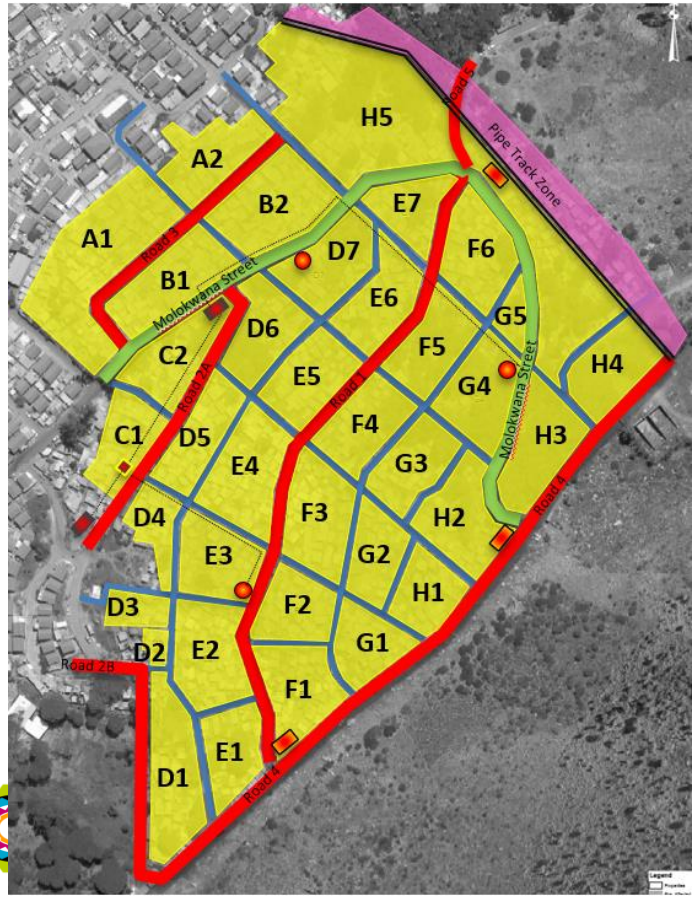
SHOOTING RANGE



DONTSE YAKHE

ISIXEKO SASEKAPA
STAD KAAPSTAD

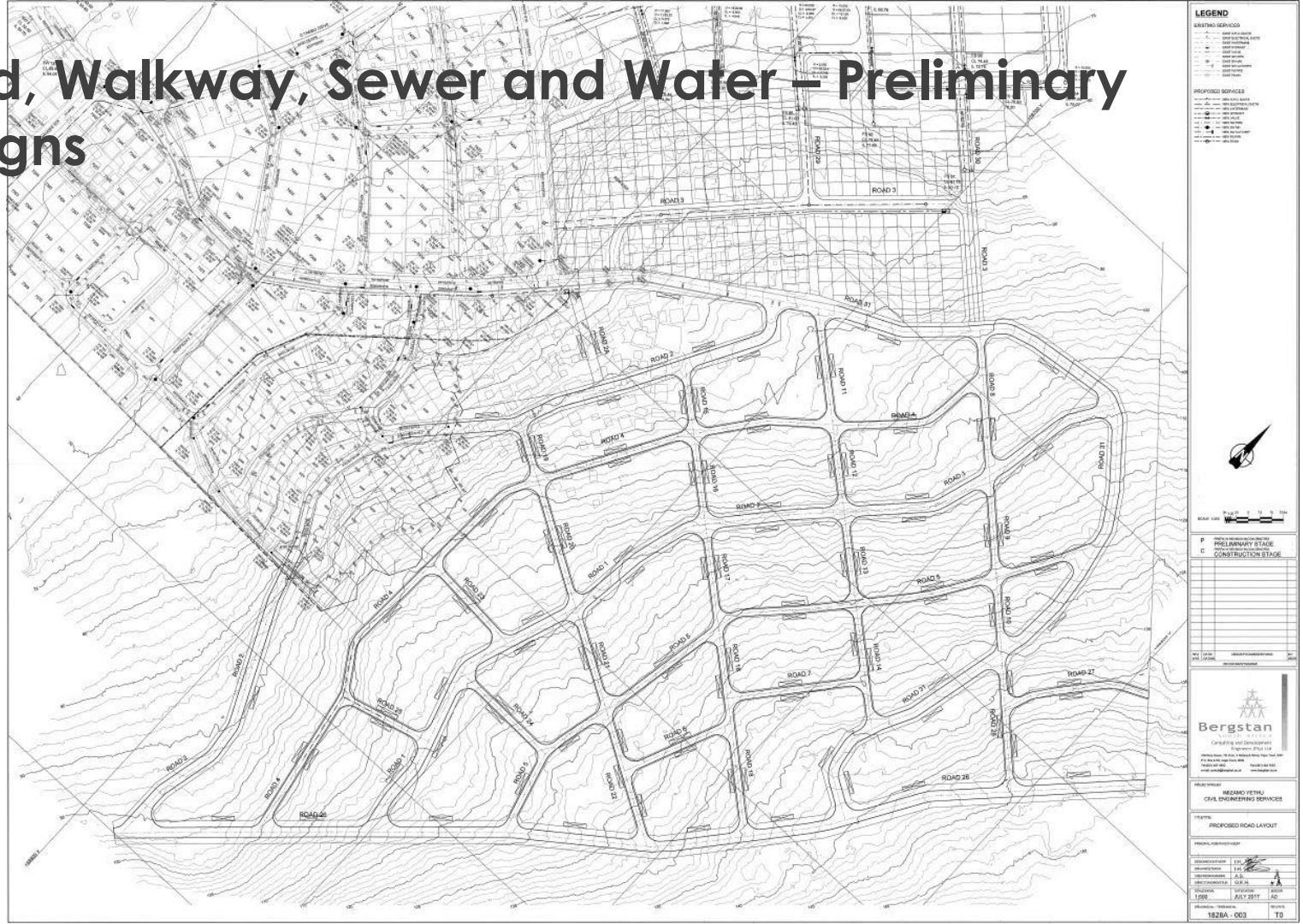
Scope of Works



High level scope summary:

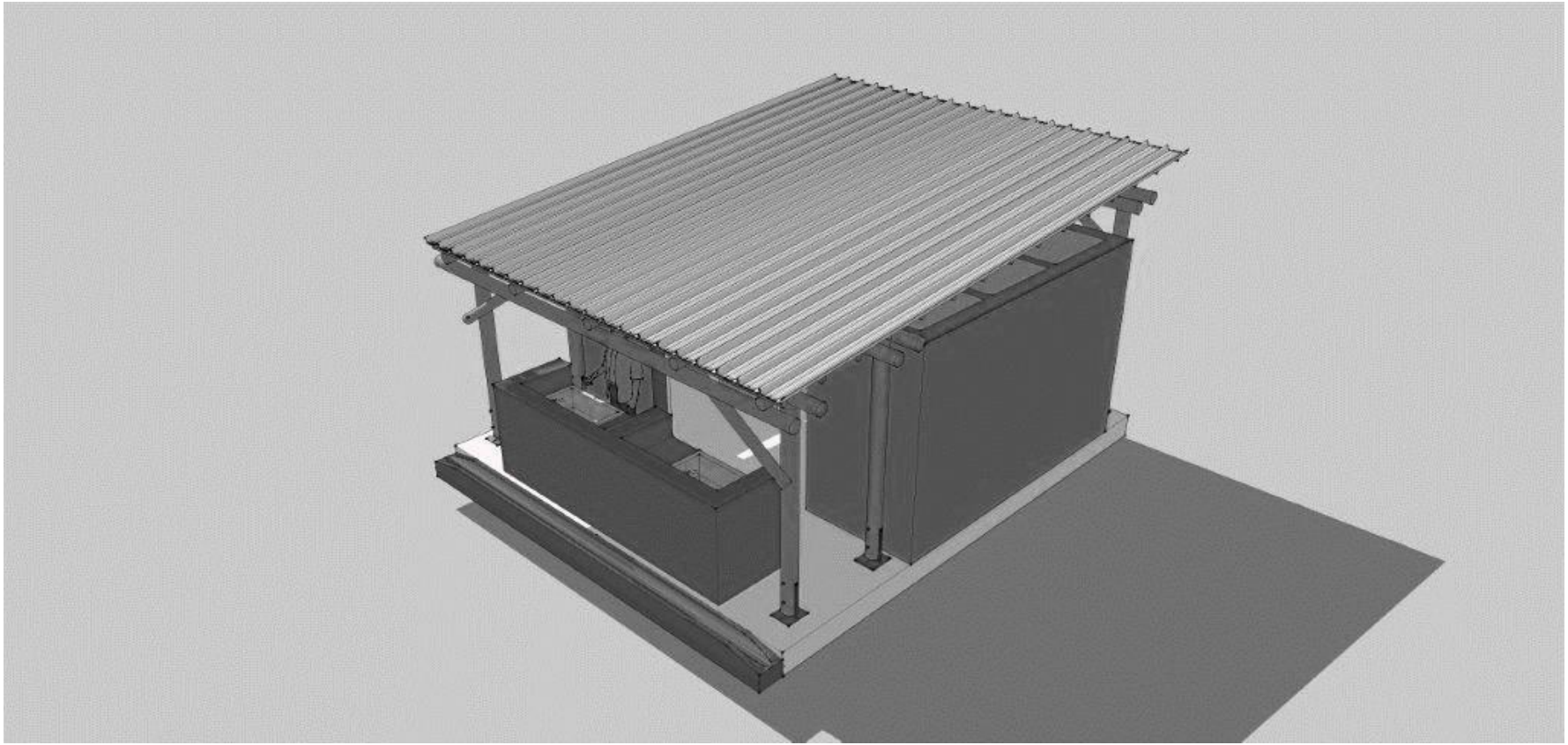
- Construction of Road 1
- Construction of Road 2A
- Construction of Road 2B
- Construction of Road 3
- Construction of Road 4
- Construction of Road 5 (emergency route)
- Construction of walkways (best fit scenario)
- Installation of stormwater
- Installation of bulk water
- Installation of bulk sewer
- Installation of shared sanitation
- Reticulation design of electricity
- Reticulation of electricity to dwellings as per beneficiary list
- Installation of Lighting Mast
- Installation of Mini-substations
- Installation of a 11 MV cable to power mini-substation

Road, Walkway, Sewer and Water – Preliminary Designs

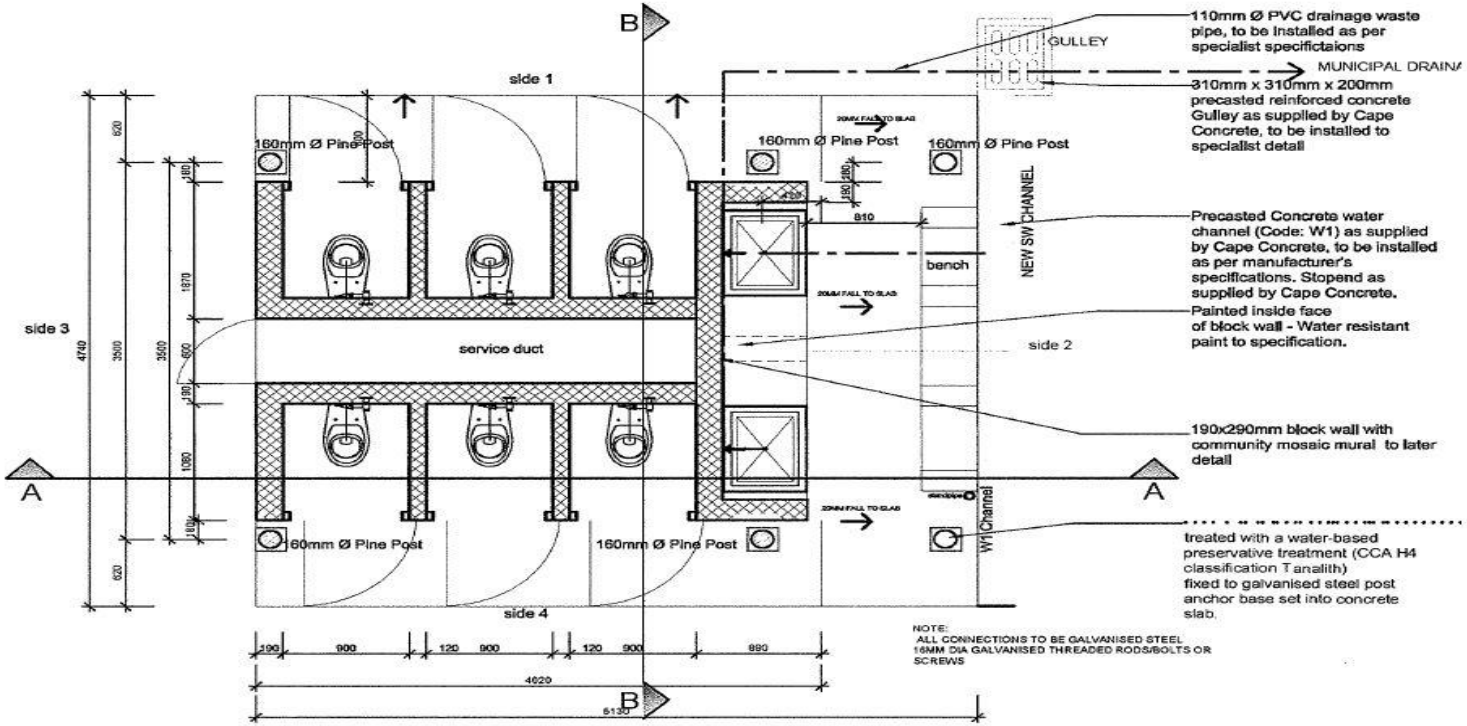


Shared Sanitation Facilities - Positions

Shared Sanitation Facilities - Rendering



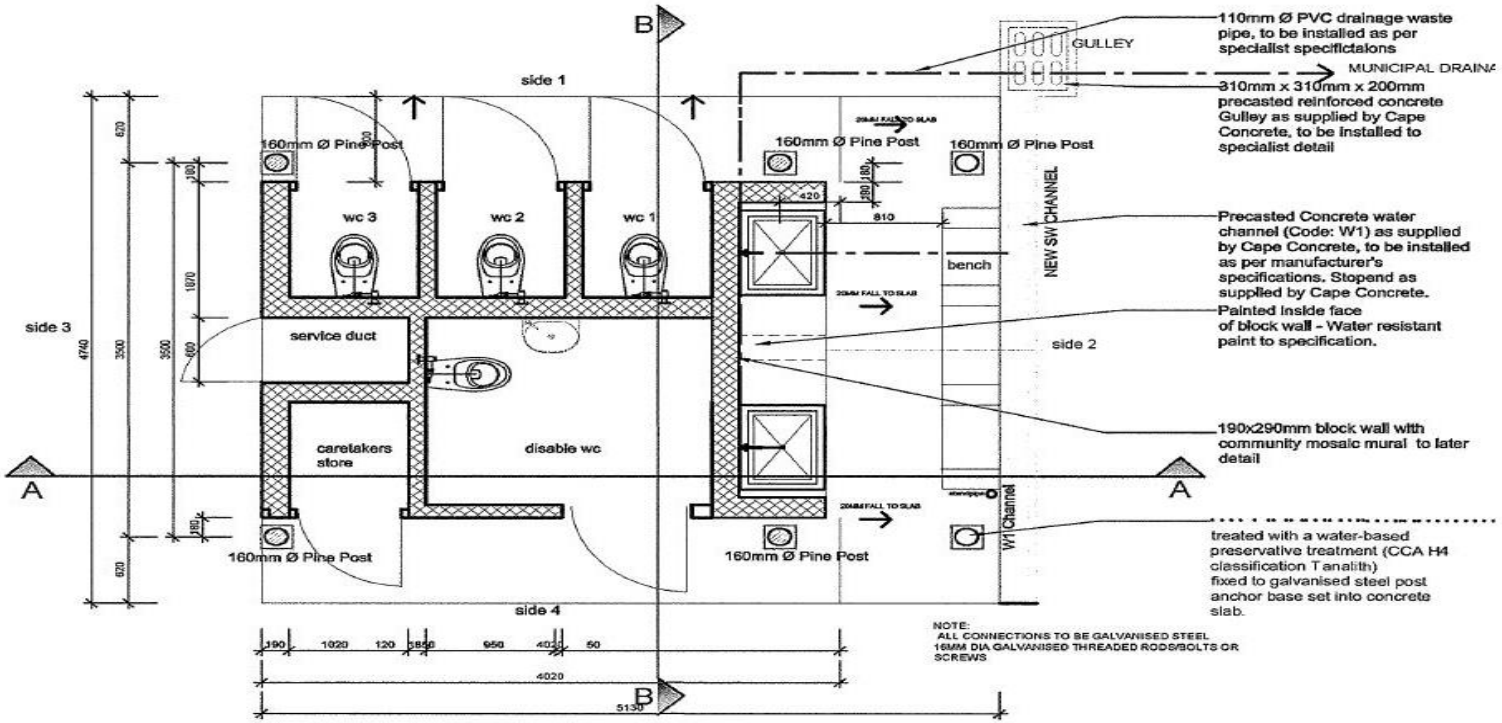
Shared Sanitation Facilities – Type 1



FLOOR PLAN

SCALE 1 : 50

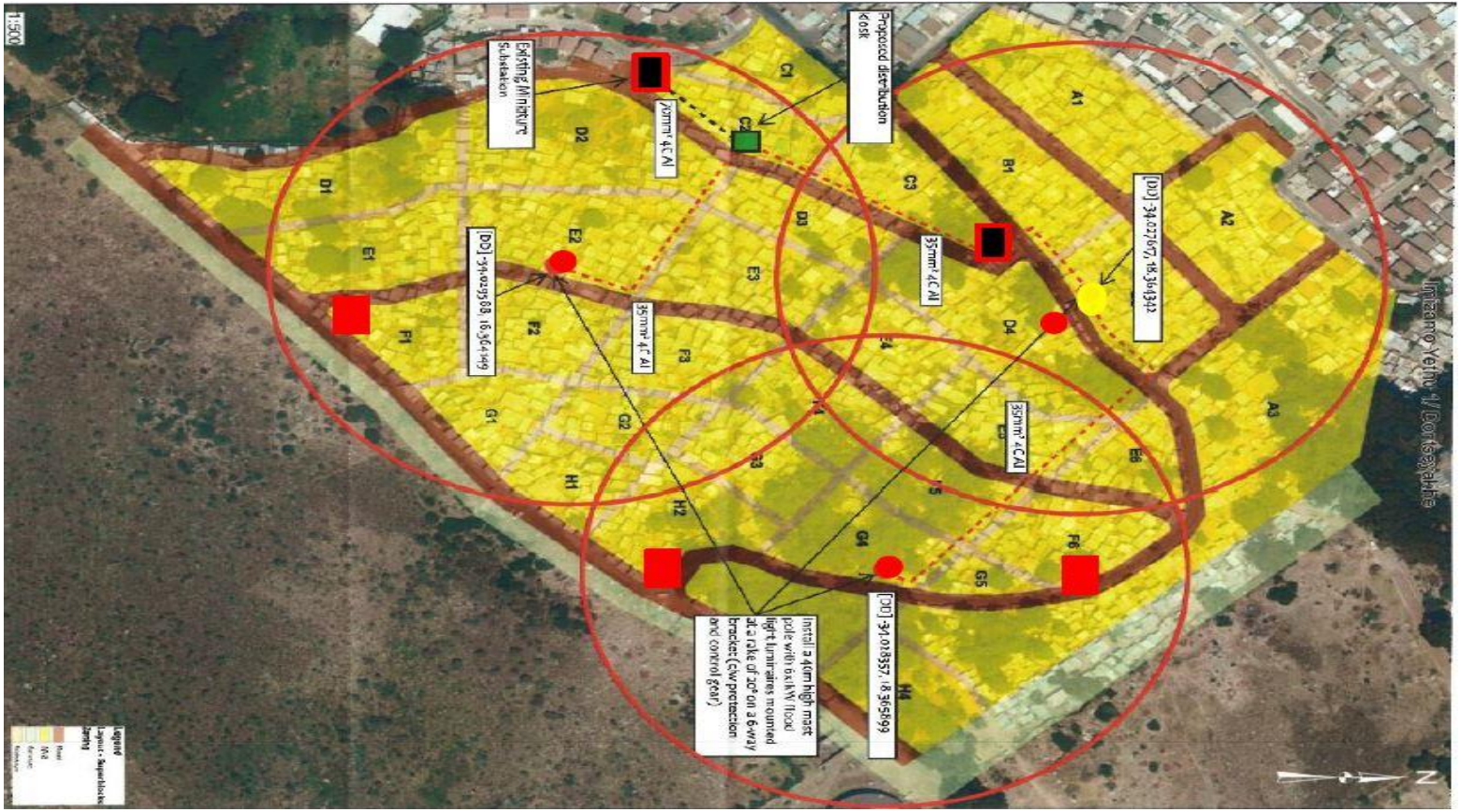
Shared Sanitation Facilities – Type 2



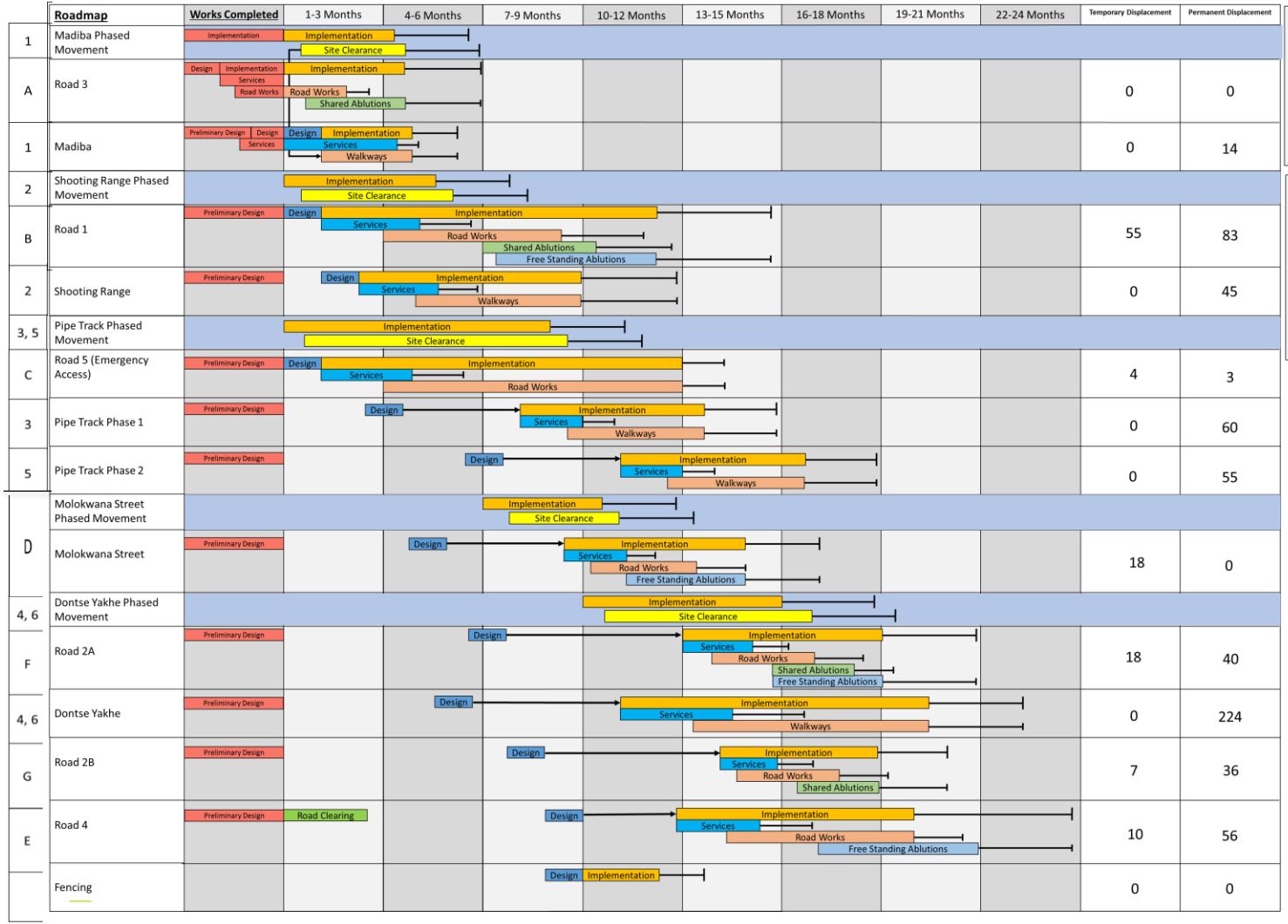
FLOOR PLAN

SCALE 1 : 50

Estimated Electrical Layout



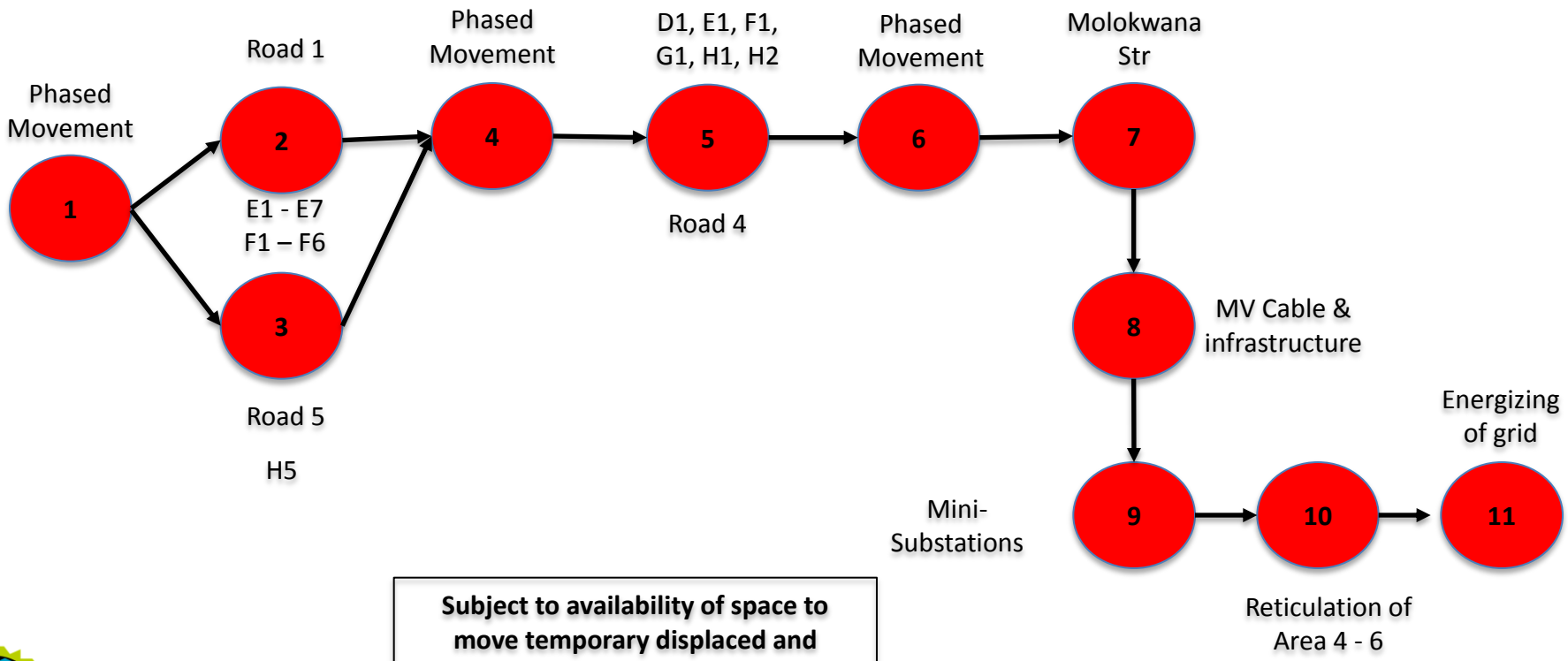
Roadmap



Notes:

- Subject to availability of space to move temporary displaced and permanent displaced community members.
- Timeline and quantities are based on estimated figures and durations.

Estimated Critical Path



Subject to availability of space to move temporary displaced and permanent displaced community members

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Planning Work Sequence

ROAD 2B
ROAD 2A
ROAD 3
ROAD 1
ROAD 4
ROAD 5
Molokwana Str
Month 1 - 3

ROAD 2B
ROAD 2A
ROAD 3
ROAD 1
ROAD 4
ROAD 5
Molokwane Str
Month 3 - 6
N

ROAD 2B
ROAD 2A
ROAD 3
Molokwane Str
ROAD 1
ROAD 4
ROAD 5
Month 6 - 9
N

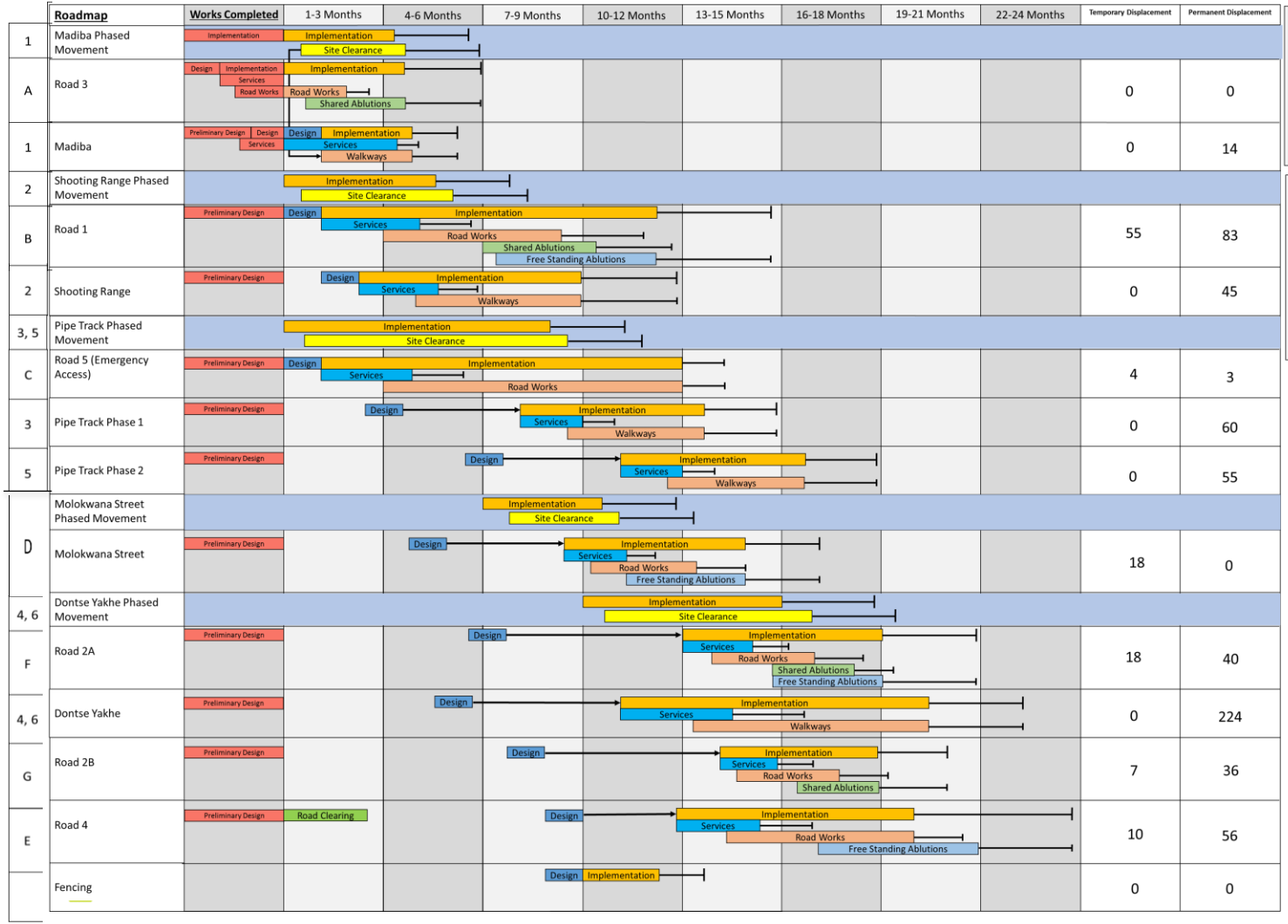
ROAD 2B
ROAD 2A
ROAD 3
ROAD 1
ROAD 4
ROAD 5
Molokwana Str
Month 9 - 12
N

ROAD 2B
ROAD 2A
ROAD 3
Molokwana Str
ROAD 1
ROAD 4
ROAD 5
Month 12 - 15
N

ROAD 2B
ROAD 2A
ROAD 3
Molokwana Str
ROAD 1
ROAD 4
ROAD 5
Month 15 - 18
N

ROAD 2B
ROAD 2A
ROAD 3
ROAD 1
Molokwana Str
ROAD 4
ROAD 5
Month 18 - 21
N

Displacement



Notes:

- Subject to availability of space to move temporary displaced and permanent displaced community members.
- Timeline and quantities are based on estimated figures and durations.

Roadmap	Works Completed	1-3 Months	4-6 Months	7-9 Months	10-12 Months	13-15 Months	16-18 Months	19-21 Months	22-24 Months	Temporary Displacement	Permanent Displacement
Madiba Phased Movement		Implementation / Site Clearance									
Road 3										0	0
Madiba										0	14
Shooting Range Phased Movement		Implementation / Site Clearance									
Road 1										55	83
Shooting Range										0	45
Pipe Track Phased Movement		Implementation / Site Clearance									
Road 5 (Emergency Access)										4	3
Pipe Track Phase 1										0	60
Pipe Track Phase 2										0	55
Molokwana Street Phased Movement				Implementation / Site Clearance							
Molokwana Street										18	0
Dontse Yakhe Phased Movement					Implementation / Site Clearance						
Road 2A										18	40
Dontse Yakhe										0	224
Road 2B										7	36
Road 4										10	56
Fencing										0	0

Legend

- Design
- Implementation
- Site Clearance
- Services (Water, Sewer, Electricity)
- Road Works
- Wash Houses
- Free Standing Ablutions
- Road Clearing
- Works Complete
- Sequencing Allowance

Notes:

- Subject to availability of space to move temporary displaced and permanent displaced community members.
- Timeline and quantities are based on estimated figures and durations.

Roadmap	Works Completed	1-3 Months	4-6 Months	7-9 Months	10-12 Months	13-15 Months	16-18 Months	19-21 Months	22-24 Months	Temporary Displacement	Permanent Displacement
Madiba Phased Movement		Implementation / Site Clearance									
Road 3										0	0
Madiba										0	14
Shooting Range Phased Movement		Implementation / Site Clearance									
Road 1										55	83
Shooting Range										0	45
Pipe Track Phased Movement		Implementation / Site Clearance									
Road 5 (Emergency Access)										4	3
Pipe Track Phase 1										0	60
Pipe Track Phase 2										0	55
Molokwana Street Phased Movement			Implementation / Site Clearance								
Molokwana Street										18	0
Dontse Yakhe Phased Movement					Implementation / Site Clearance						
Road 2A										18	40
Dontse Yakhe										0	224
Road 2B										7	36
Road 4										10	56
Fencing										0	0

Legend

- Design
- Implementation
- Site Clearance
- Services (Water, Sewer, Electricity)
- Road Works
- Wash Houses
- Free Standing Ablutions
- Road Clearing
- Works Complete
- Sequencing Allowance

Notes:

- Subject to availability of space to move temporary displaced and permanent displaced community members.
- Timeline and quantities are based on estimated figures and durations.

Imizamo Yethu Estimated Phased Movement Schedule

ROADMAP DETAIL	Duration (Months)																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Madiba		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Road 1	55	55	55	55	55	55	55	55	55	55	55	55												
	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
Shooting Range		45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Road 5 (emergency Access)	4	4	4	4	4	4	4	4	4	4	4	4												
	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Pipe Track Phase 1								60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Pipe Track Phase 2										55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
Road 2A													18	18	18	18	18	18						
													40	40	40	40	40	40	40	40	40	40	40	40
Dontse Yakhe											224	224	224	224	224	224	224	224	224	224	224	224	224	224
Road 2B														7	7	7	7	7						
														36	36	36	36	36	36	36	36	36	36	36
Road 4												10	10	10	10	10	10	10	10	10				
												56	56	56	56	56	56	56	56	56	56	56	56	56
Temporary Phased Movement	59	59	59	59	59	59	59	59	59	59	59	69	28	35	35	35	35	35	10	10	0	0	0	**0**
Permanent Movement (Accumulative)	96	155	155	155	155	155	155	215	215	270	494	550	590	626	626	626	626	626	626	626	626	626	626	**648**
Total Per Month	155	214	214	214	214	214	214	274	274	329	553	619	618	661	661	661	661	661	636	636	626	626	626	648

Subject to availability of space to move temporary displaced and permanent displaced community members

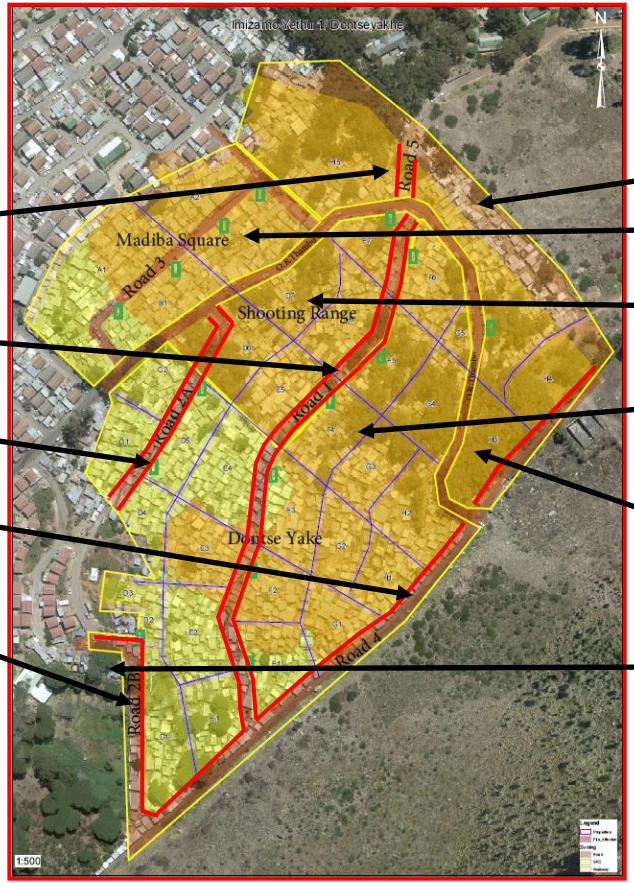
NOTE:
22 Households needs to be permanently displaced due to the Stormwater System.

Estimated Displacement Numbers

ROADS

4	13
55	83
18	40
10	56
7	36

112 TEMPORARY	648 PERMANENT



AREAS

0	115
0	14
0	45
0	224

BULK SERVICES

18	0
0	22

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

GIS Mapping

What?

- Geo-referenced platform linked to beneficiary meta-data, allowing the spatial visualization of people movement and structure.

Why?

- Developed to track people movement and structures.
- Assisting with improved beneficiary management.

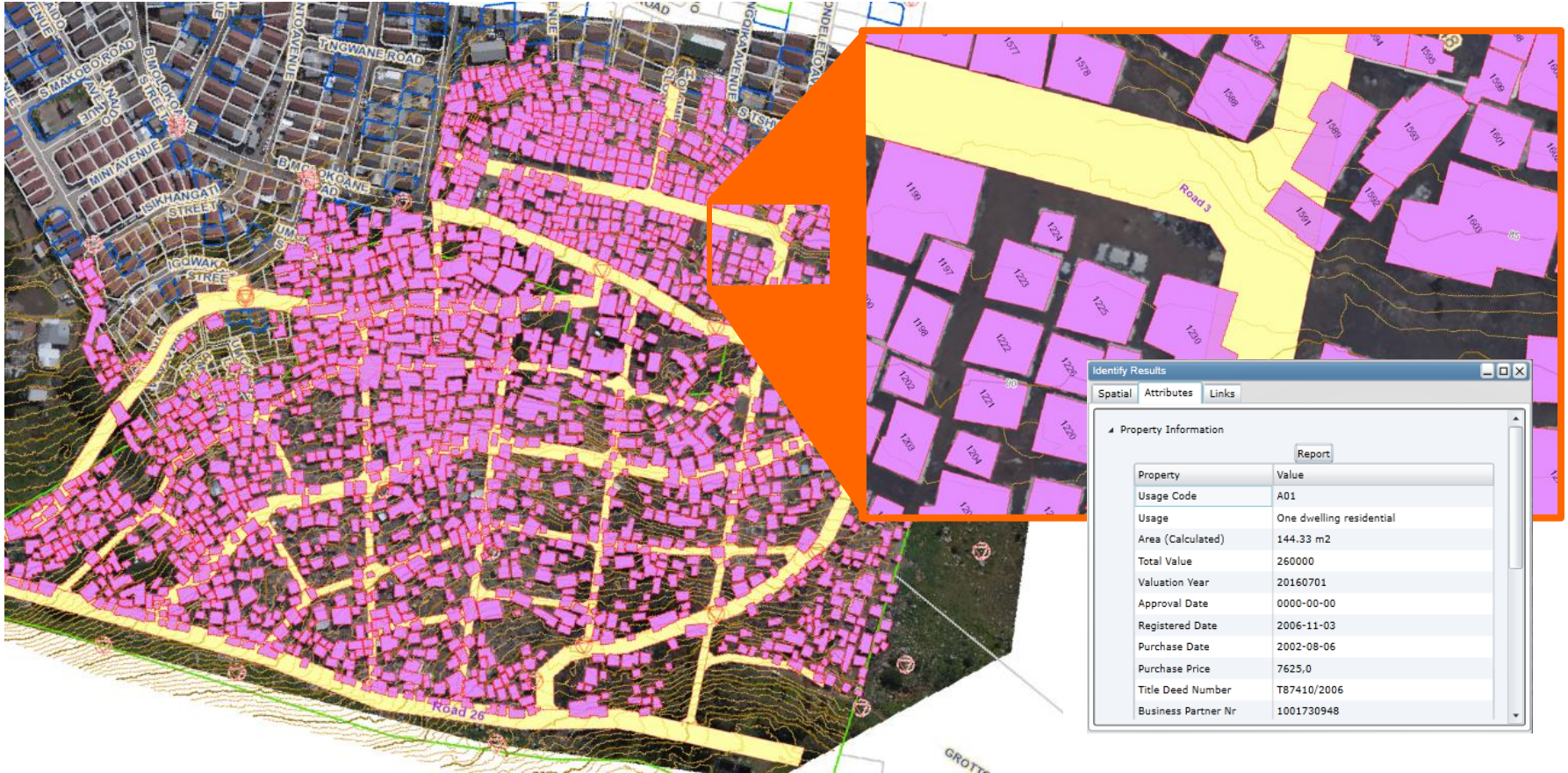
Who?

- The system currently covers the community of the IY Informal Settlement

How?

- Weekly aerial surveys conducted and uploaded to Geomatics. At Geomatics survey data are standardized. Designs are overlaid and structures are digitalized and represented using polygons. As a baseline, household data captured using geo-referencing are then superimposed as meta-data.

GIS Mapping- Example



Areas

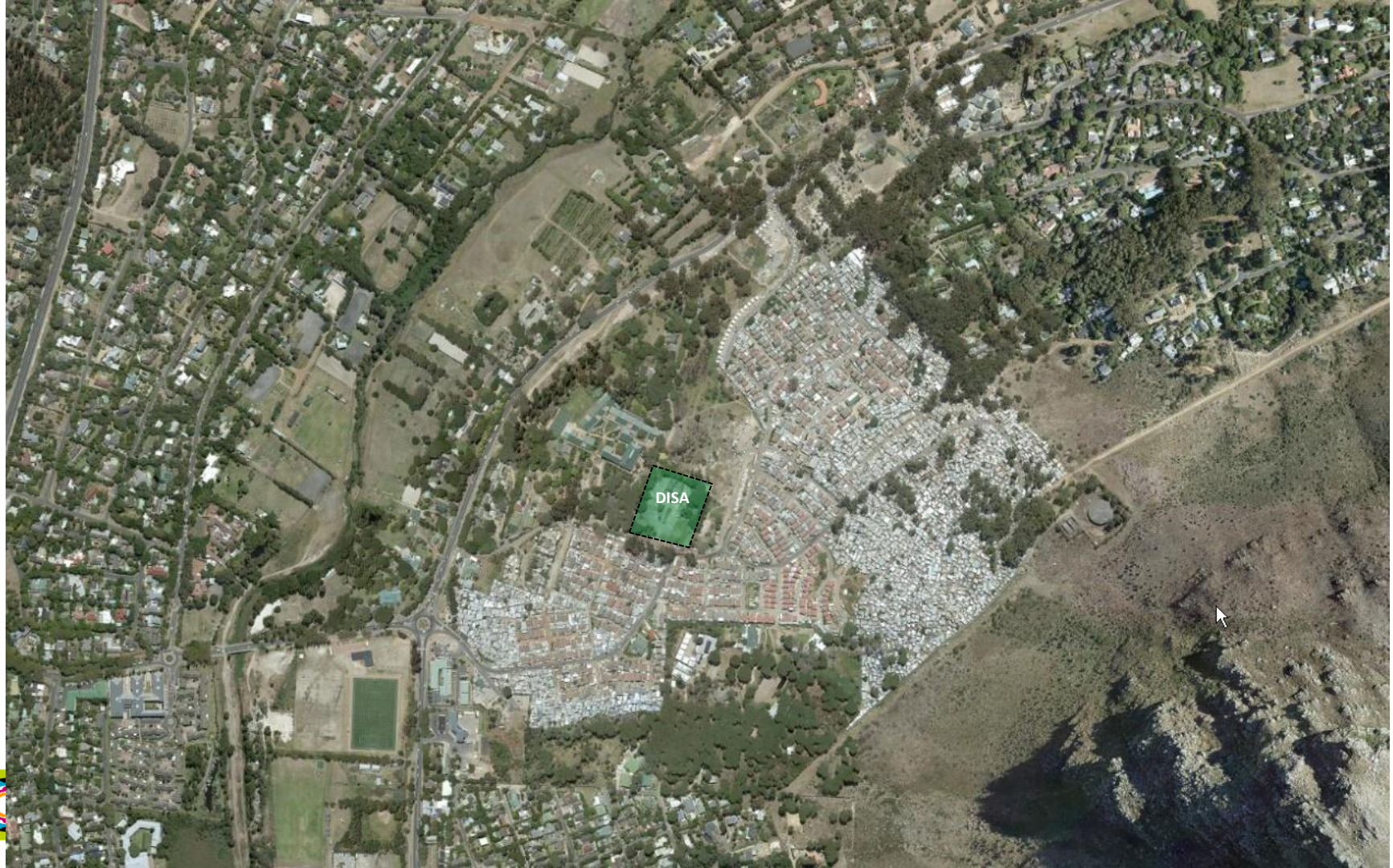
TRIANGLE SITE
PARKS DEPOT SITE
DISA
IMIZAMO YETHU IS PROGRAMME
SPORTSFIELD

EDA - Sportsfield

SPORTSFIELD
EDA

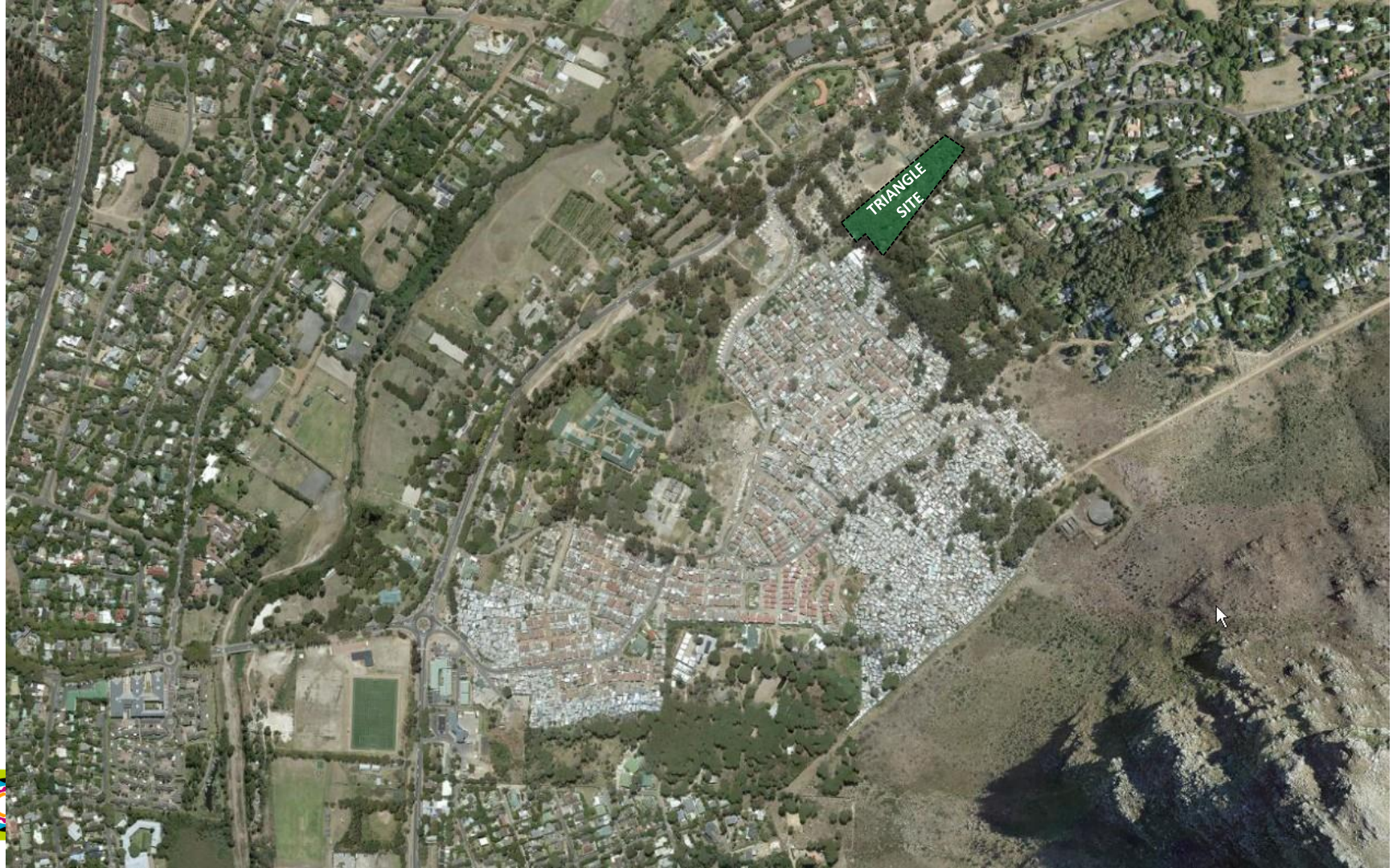
EDA - Sportsfield

DISA

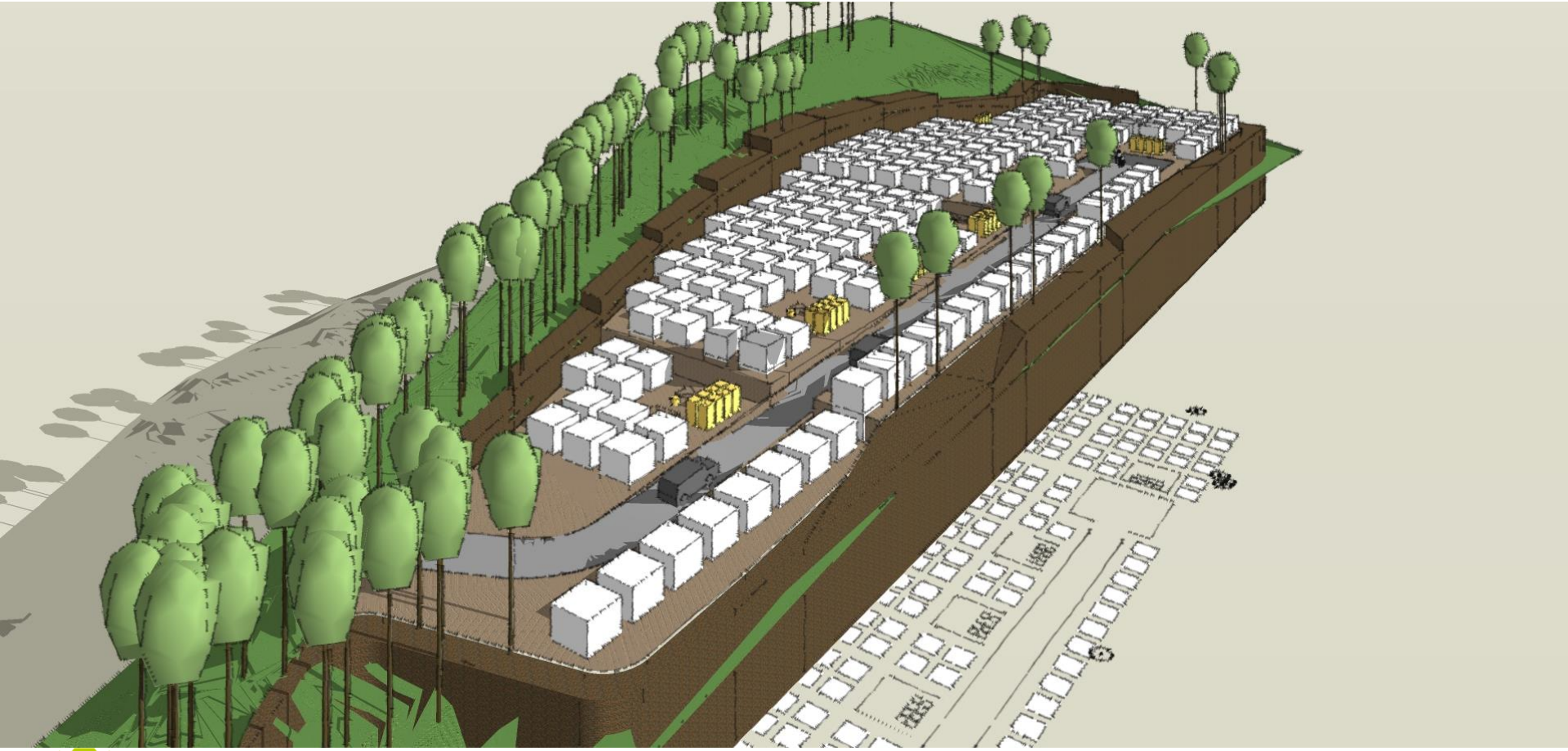

DISA

DISA

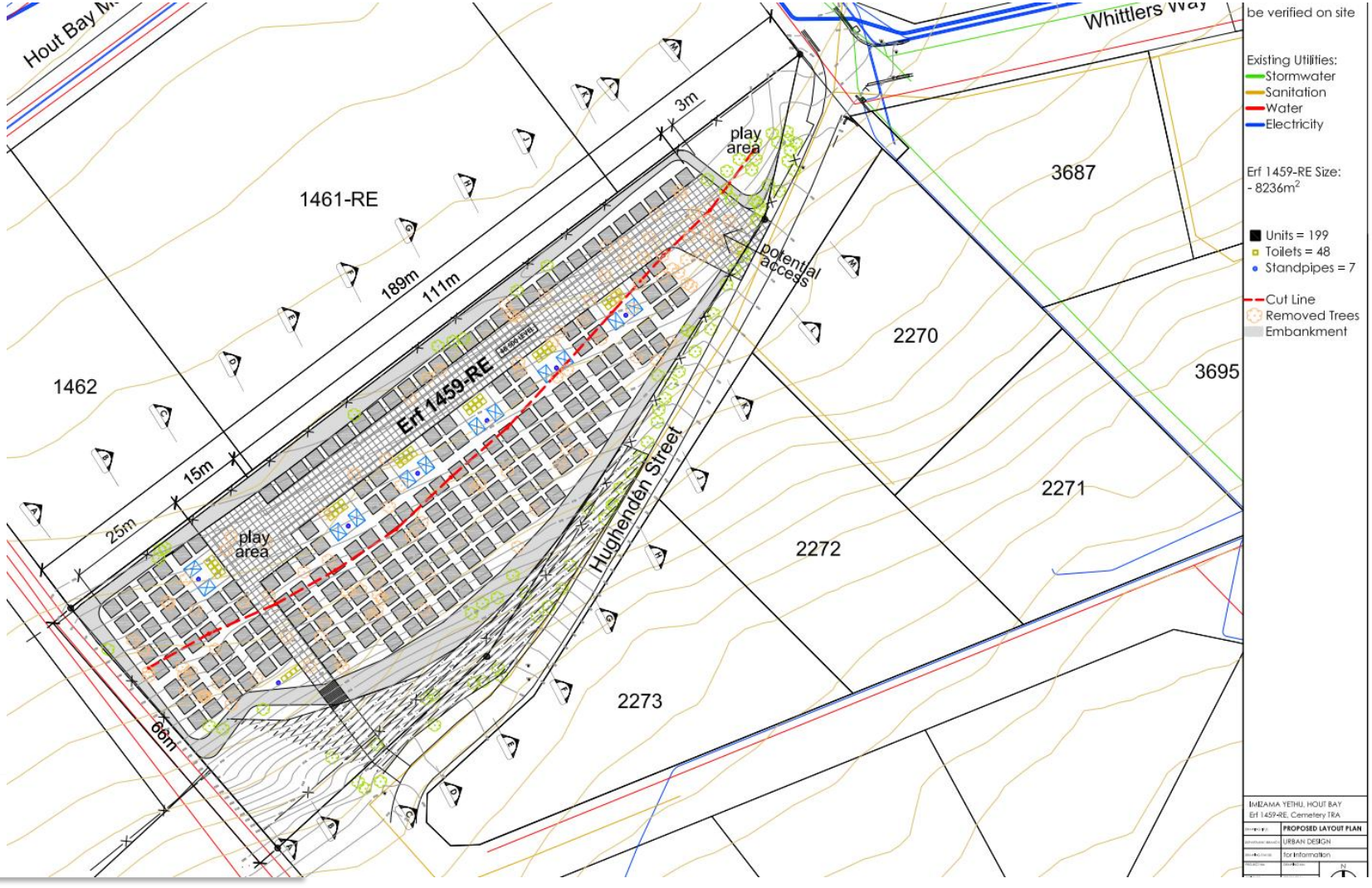
Triangle Site


TRIANGLE
SITE

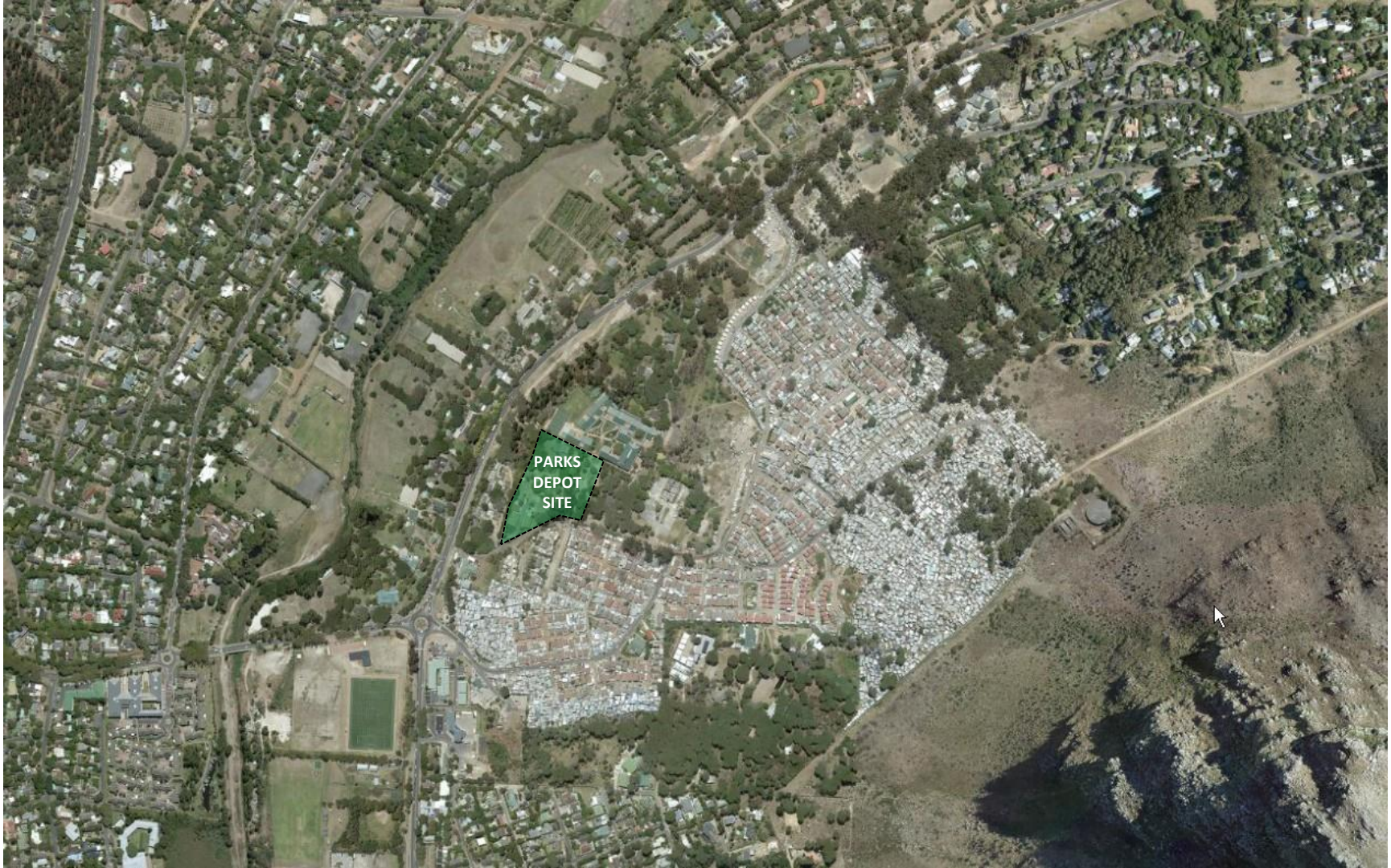
Triangle Site



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD


Hout Bay M
Whittlers Way
be verified on site
Existing Utilities:
Stormwater
Sanitation
Water
Electricity
Erf 1459-RE Size:
- 8236m²
Units = 199
Toilets = 48
Standpipes = 7
Cut Line
Removed Trees
Embankment
1461-RE
1462
Erf 1459-RE
3687
2270
3695
2271
2272
2273
Hughenden Street
play area
play area
potential access
3m
189m
111m
15m
25m
66m
IMIZAMA YETHU, HOUT BAY
Erf 1459-RE, Cemetery TRA
PROPOSED LAYOUT PLAN
URBAN DESIGN
for information

Parks Depot Site


PARKS
DEPOT
SITE

Parks Depot
Site
R MHLABA
AVENUE
A MLANGENI
AVENUE
M MABINDA
AVENUE
C HANI AVENUE
O R TAMBO
ROAD
MINI
AVENUE

Parks Depot Site

Progress on IS

Progress Update

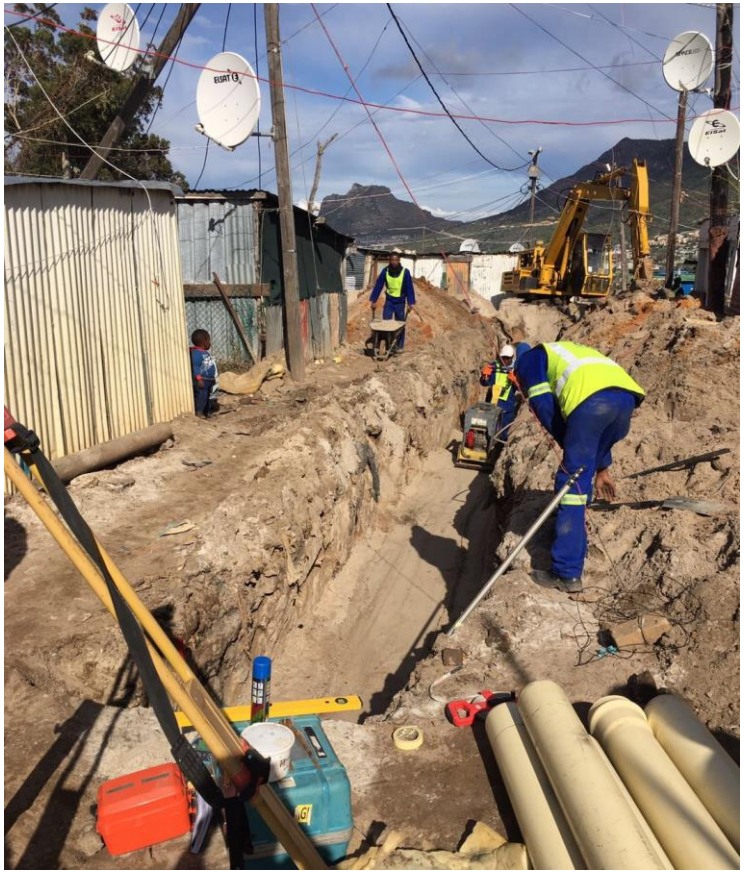
- **Madiba Square**
  - Electrical switch on 15th Aug completed
  - Continue services installation & road finish.
  - Road box cut completed.

- **Dontse Yahke and Shooting Range**
  - Construction permit received, which concludes all contractual obligations for Contractor.
  - Site surveys ongoing, Road 5 completed, Road 1 in progress with Geo Tech.
  - Informal trading solution being investigated.

- **Parks Depot**
  - MOU signed off by ISWWS, Social Services, AFM, DOM and City Manager.
  - Project schedule in progress.
  - Relocation of Parks & Rec depot office is being investigated.

- **Triangle Site**
  - Land use application in progress

IY - Informal Settlements
(Madiba Square)



IY - Informal Settlements
(Madiba Square)

Progress Update

- **DISA site**
  - Topographical survey information completed.

- **Sportsfield EDA**
  - Sportfield flood line management being investigated.
  - Various timelines, related to environmental permissions, are being tested.

- **IY Formal Settlements**
  - Site works have commenced in February 2017, but progress has slowed down due to obstructions in the area.
  - Structure typologies for Site 1 and 3 to be confirmed with community.
  - Relocation of traders from the area.

- **IY Masakhane PHP Housing**
  - The construction of 82 units outstanding, of which 22 units pose topographical challenges.
  - Identification of alternative strategy to accommodate the 22 units ongoing.

Progress Update

- **Alternative Land**
  - Continued analysis and investigations into alternative land options.

- **Verifications**
  - GIS user-interface platform complete.
  - On-site verification is ongoing.
  - Post fire beneficiary list both Disa Park and Sports Complex is Complete.

- **Engagement**
  - Phase 1: Road 1
  - Phase 2: ISM (Remaining Informal site)
  - IY Block Committee and IY Community Leadership

- **Communications**
  - Formal communications plan in development, pamphlet developed and distributed.
  - CLO / PSC to be fast tracked.

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Thank You

Making progress possible. Together.