

995600

995550

995500

995450

995400

464600

464650

464700

464750



CONTOUR INTERVAL 0.25m

LEGEND

- BOUNDARY/MASONRY
- BUILDING
- GE GENERATOR
- GH GUARD HOUSE
- OMH MAN HOLE
- WTE WATER TANK /ELEVATION
- ROAD /ASPHALT/
- CONTOUR MINOR
- CONTOUR MAJOR
- SPOT HEIGHT
- ELECTRIC POLE/WOOD
- TELE POLE
- TRANSFORMER
- WATER TAP/METER
- RETAINING WALL /MASONRY

B1 BENCH MARK

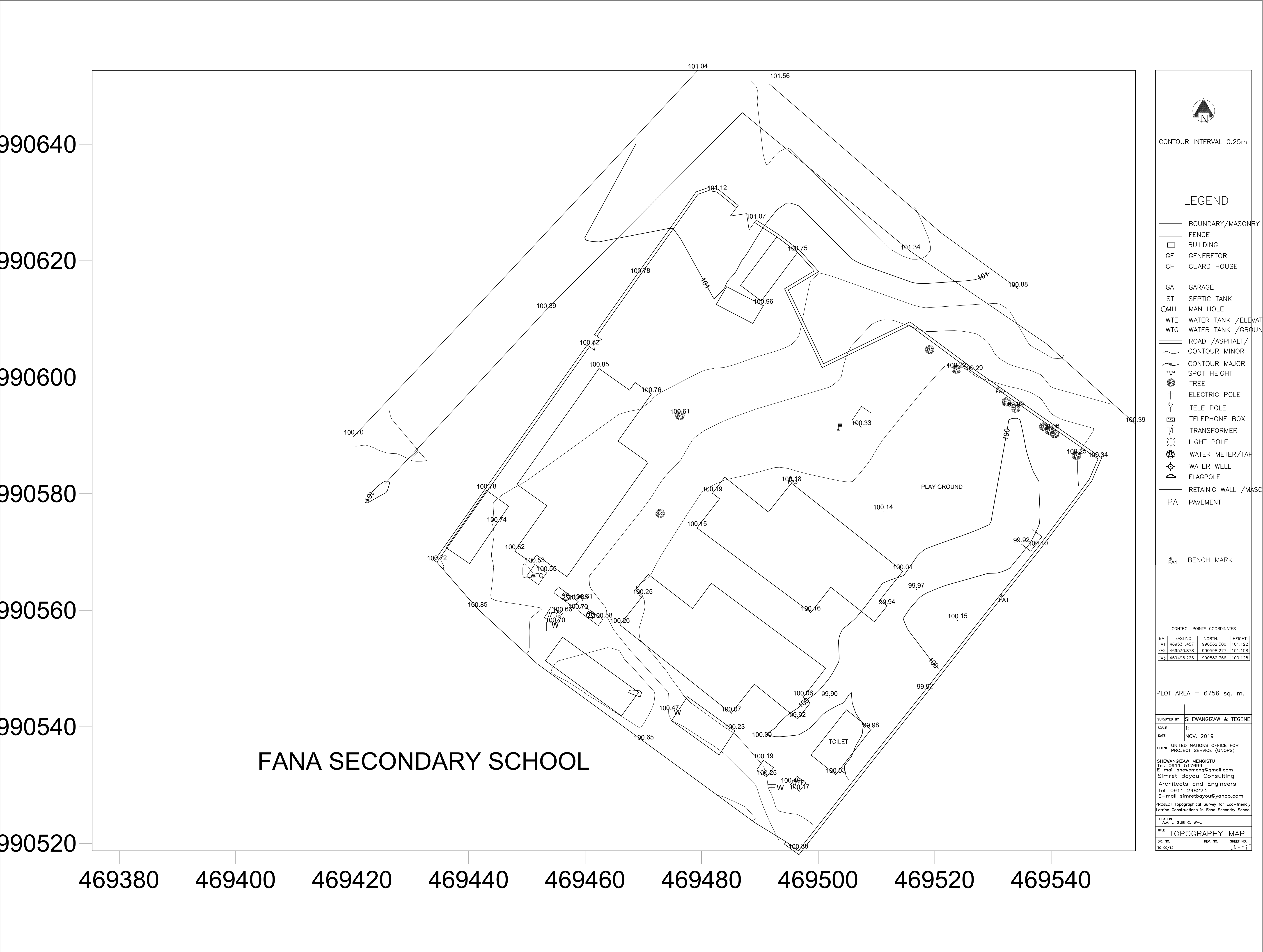
CONTROL POINTS COORDINATES

BM	EASTING	NORTH	HEIGHT
B1	464616.655	995430.337	101.823
B2	464656.766	995425.220	103.162
B3	464708.183	995468.319	103.156

PLOT AREA = 13080 sq. m.

SURVAYED BY SHEWANGIZAW & TEGENE		
SCALE 1:...		
DATE NOV. 2019		
CLIENT UNITED NATIONS OFFICE FOR PROJECT SERVICE (UNOPS)		
SHEWANGIZAW MENGISTU Tel. 0911 317699 E-mail shewmeng@gmail.com Simret Bayou Consulting Architects and Engineers Tel. 0911 248223 E-mail simretbayou@yahoo.com		
PROJECT Topographical Survey for Eco-friendly Latrine Constructions in BETEL SECONDARY SCHOOL		
LOCATION A.A., SUB C. W.-.,		
TITLE TOPOGRAPHY MAP		
DR. NO.	REV. NO.	SHEET NO.
TD. 00/12		1

BETEL SECONDARY SCHOOL



986060

986040

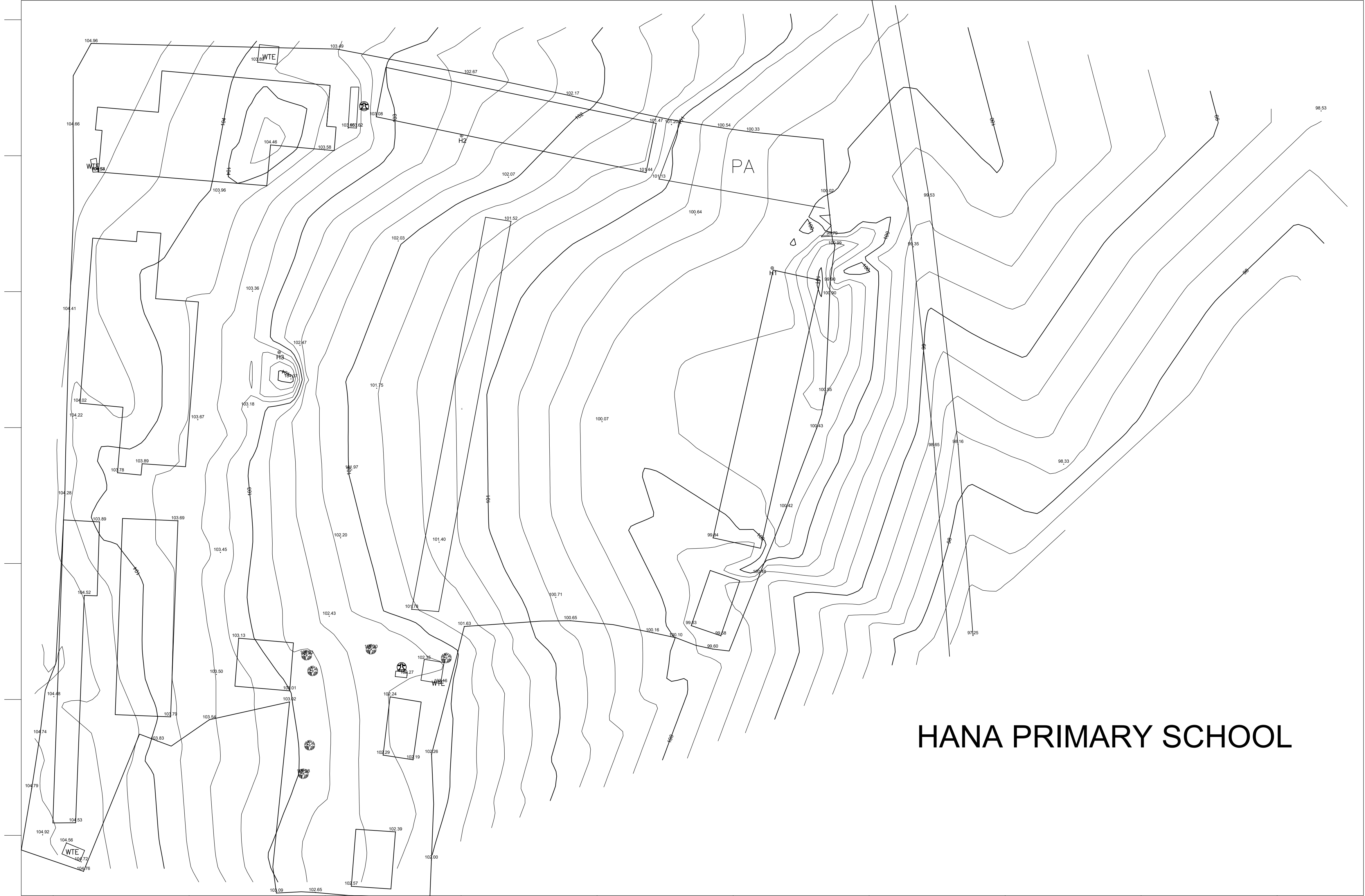
986020

986000


985980

985960

985940



470720 470740 470760 470780 470800 470820 470840 470860 470880 470900



CONTOUR INTERVAL 0.25m

LEGEND

==	BOUNDARY/MASONRY
---	FENCE
□	BUILDING
GE	GENERATOR
GH	GUARD HOUSE
GA	GARAGE
ST	SEPTIC TANK
OMH	MAN HOLE
WTE	WATER TANK /ELEVATION
WTG	WATER TANK /GROUND
==	ROAD /ASPHALT/
~	CONTOUR MINOR
~	CONTOUR MAJOR
SP	SPOT HEIGHT
🌳	TREE
⚡	ELECTRIC POLE/WOOD
📶	TELE POLE
☎	TELEPHONE BOX
⚡	TRANSFORMER
☀	LIGHT POLE
⚡	WATER TAP/METER
🕒	WATER WELL
🚩	FLAGPOLE
==	RETAINING WALL /MASONRY
PA	PAVEMENT
BM	BENCH MARK

CONTROL POINTS COORDINATES

BM	EASTING	NORTH	HEIGHT
H1	470825.744	986023.470	100.000
H2	470780.056	986042.939	102.860
H3	470753.239	986011.071	104.223

PLOT AREA = 10447 sq. m.

SURVISED BY	SHEWANGIZAW & TEGENE
SCALE	1:---
DATE	NOV. 2019

CLIENT UNITED NATIONS OFFICE FOR PROJECT SERVICE (UNOPS)

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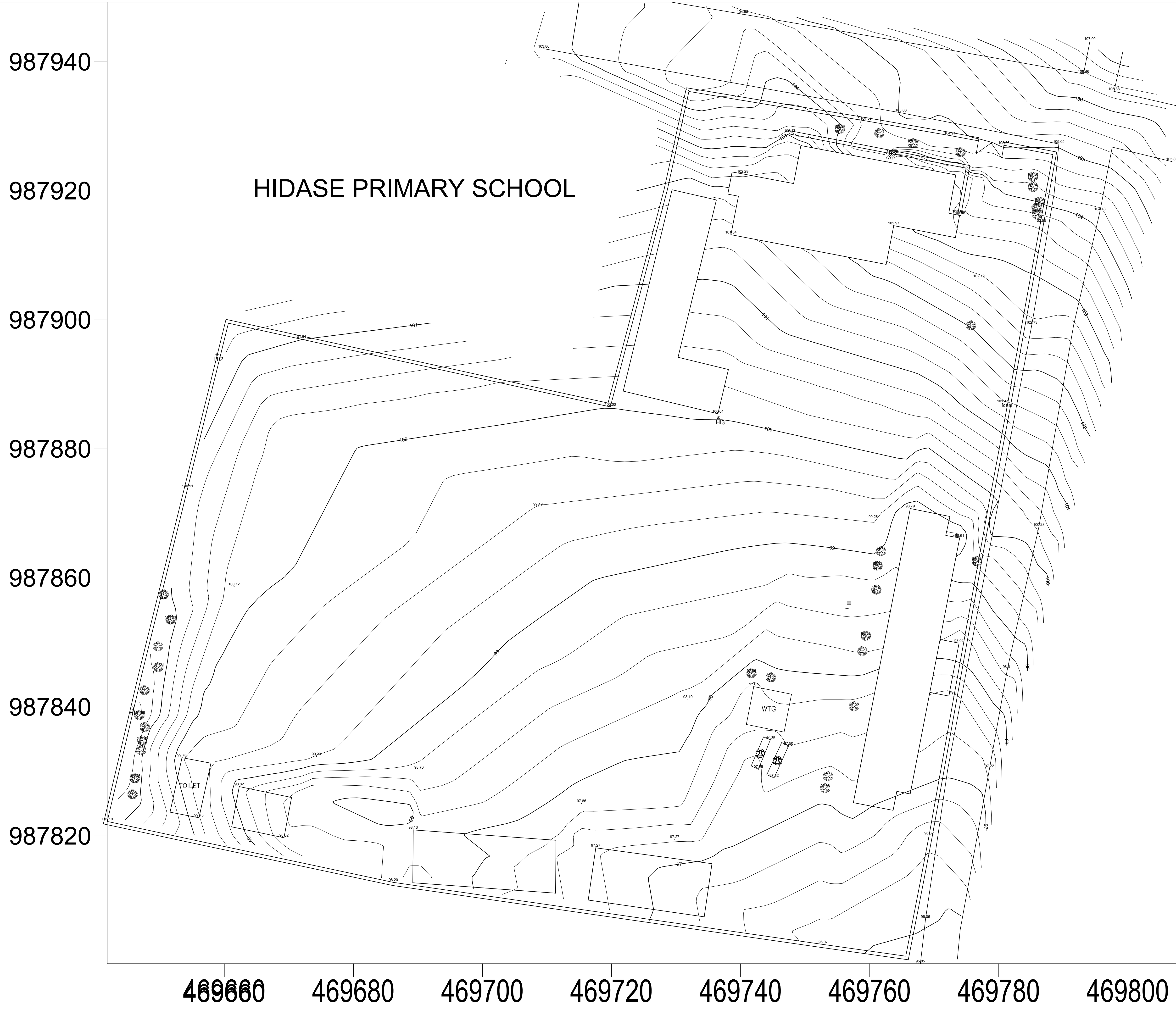
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PROJECT PROJECT Topographical Survey for Eco-friendly Living Communities in HANA, PIRAE, SCHOOL

LOCATION A.A., SUB C. W.--

TITLE TOPOGRAPHY MAP

DRL NO.	REV. NO.	SHEET NO.
TO 06/12		1



CONTOUR INTERVAL 0.25m

LEGEND

- BOUNDARY/MASONRY
- FENCE
- BUILDING
- CONTOUR MINOR
- CONTOUR MAJOR
- SPOT HEIGHT
- MAN HOLE
- WATER TANK /ELEVAT
- WATER TANK /GROUN
- ROAD
- TREE
- ELECTRIC POLE
- TELE POLE
- TELEPHONE BOX
- TRANSFORMER
- LIGHT POLE
- WATER METER/TAP
- FLAGPOLE

BENCH MARK

CONTROL POINTS COORDINATES

BM	EASTING	NORTH	HEIGHT
HI1	469645.7180	987839.8330	102.405
HI2	469658.8640	987894.6310	102.12
HI3	469736.5760	987884.8320	100.002

PLOT AREA = 12833 sq. m.

SURVAYED BY	SHEWANGIZAW & TEGENE
SCALE	1:---
DATE	NOV. 2019

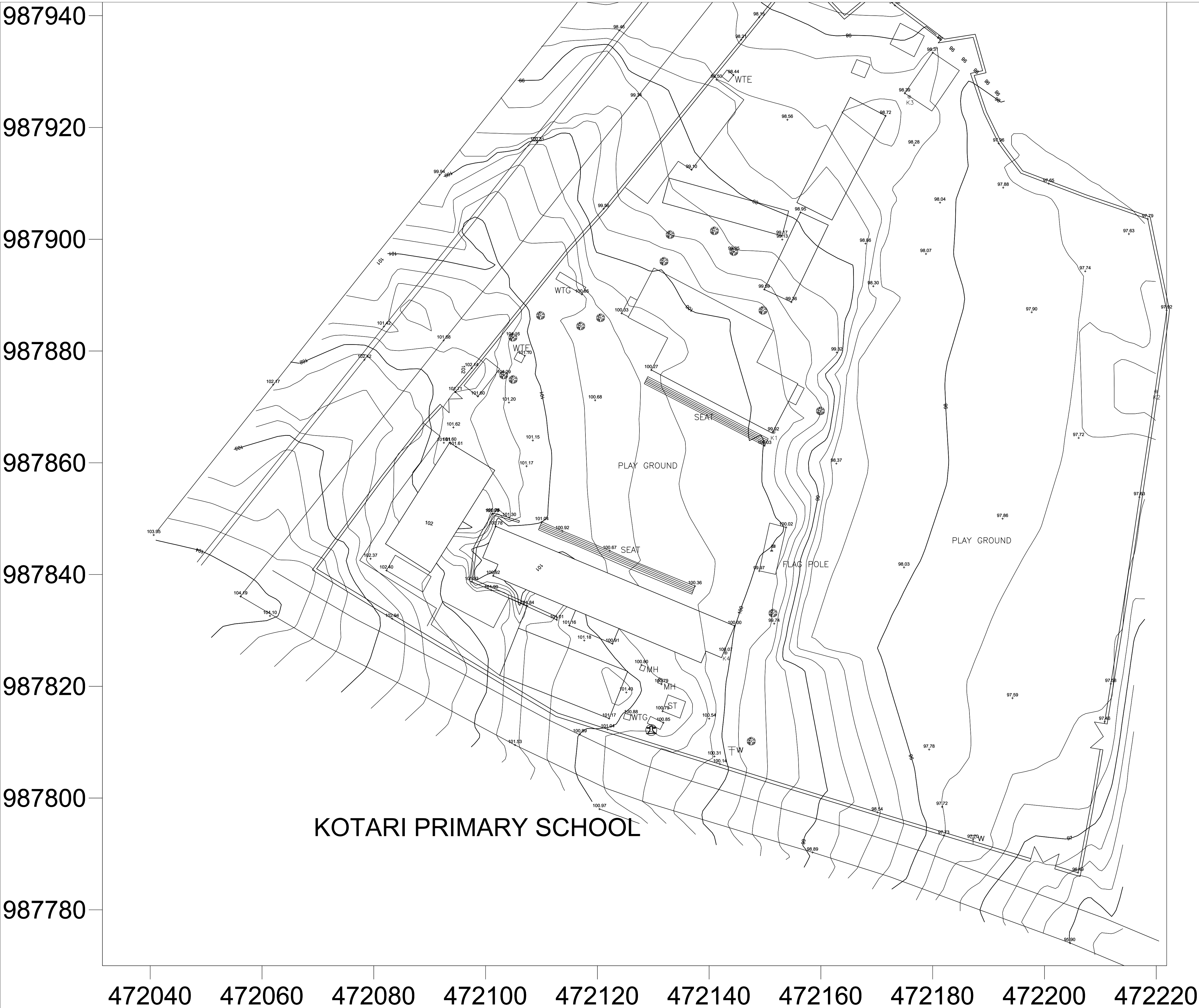
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PROJECT Topographical Survey for Eco-friendly Latrine Constructions in HIDASE PRIM. SCHOOL

LOCATION A.A. ... SUB C. W-.,

TITLE TOPOGRAPHY MAP		
DR. NO.	REV. NO.	SHEET NO.
TO 00/12		1 / 1



LEGEND

- BOUNDARY/MASONRY
- FENCE
- BUILDING
- ST SEPTIC TANK
- OMH MAN HOLE
- WTE WATER TANK /ELEVAT
- WTG WATER TANK /GROUN
- ROAD /ASPHALT/
- CONTOUR MINOR
- CONTOUR MAJOR
- SPOT HEIGHT
- TREE
- ELECTRIC POLE
- TELE POLE
- WATER METER/TAP
- FLAGPOLE
- RETAINIG WALL /MASC

BENCH MARK

CONTROL POINTS COORDINATES

BM	EASTING	NORTH.	HEIGHT
K1	472151.523	987865.462	99.920
K2	472219.964	987872.746	98.325
K3	472175.818	987925.470	98.398
K4	472142.957	987825.980	100.072

PLOT AREA = 14793 sq. m.

SURVAYED BY SHEWANGIZAW & TEGENE

SCALE 1:---

DATE NOV. 2019

CLIENT UNITED NATIONS OFFICE FOR PROJECT SERVICE (UNOPS)

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PROJECT Topographical Survey for Eco-friendly
Latrine Constructions in KOTARI PRIM. SCHOOL

LOCATION A.A. .. SUB C. W--.

TITLE TOPOGRAPHY MAP

DR. NO.	REV. NO.	SHEET NO.
TO 00/12		1

989500

989480

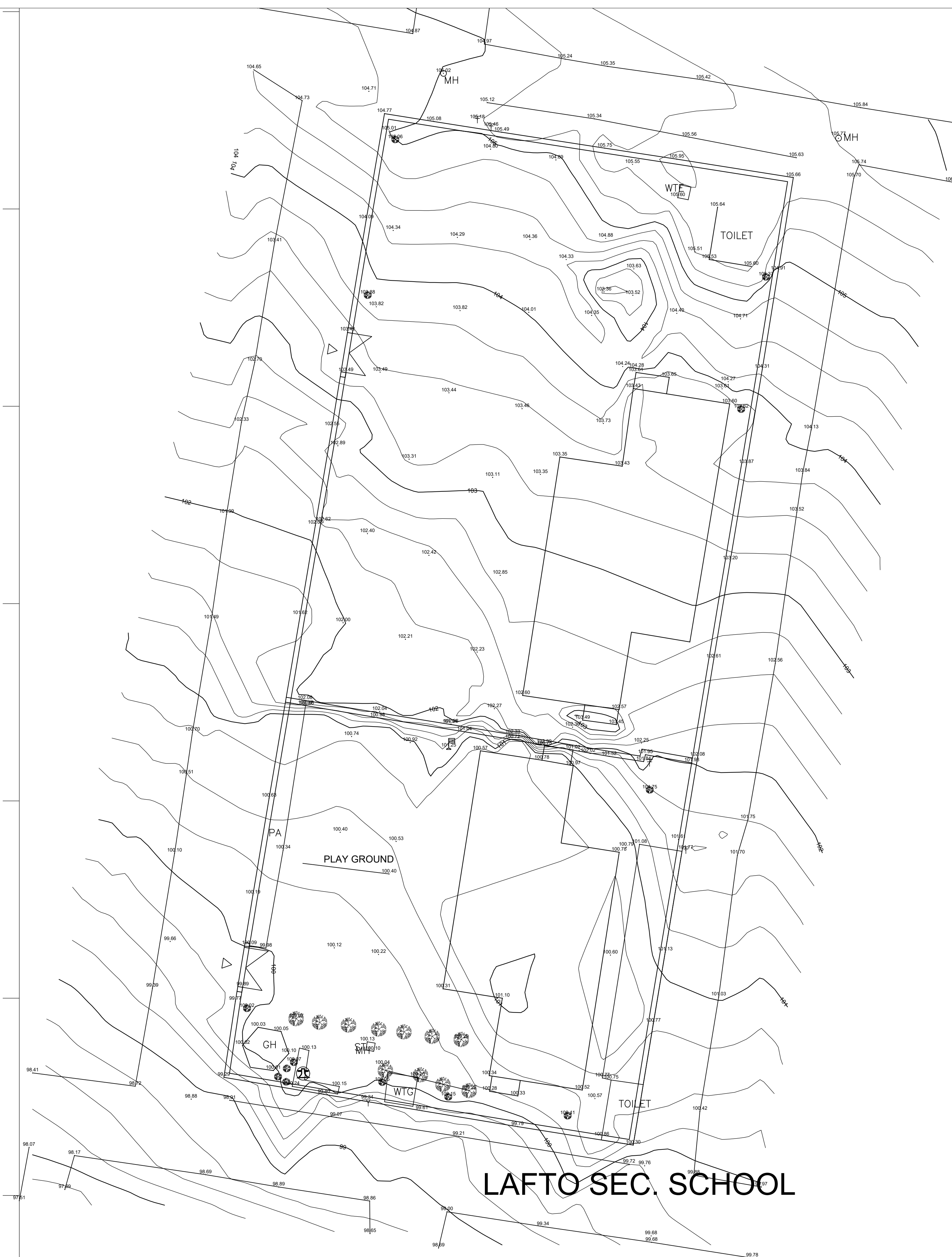
989460

989440

989420

989400

989380



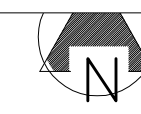
472060

472080

472100

472120

472140



CONTOUR INTERVAL 0.25m

LEGEND

- BOUNDARY/MASONRY FENCE
- FENCE
- BUILDING
- GENERATOR
- GUARD HOUSE
- GARAGE
- SEPTIC TANK
- MAN HOLE
- WATER TANK /ELEVATED/
- WATER TANK /GROUND/
- ROAD /ASPHALT/
- CONTOUR MINOR
- CONTOUR MAJOR
- SPOT HEIGHT
- TREE
- ELECTRIC POLE
- TELE POLE
- TELEPHONE BOX
- TRANSFORMER
- LIGHT POLE
- WATER METER/TAP
- WATER WELL
- FLAGPOLE
- RETAINING WALL /MASONRY/
- PAVEMENT

BENCH MARK

CONTROL POINTS COORDINATES

BM	EASTING	NORTH.	HEIGHT
L1	472079.455	989405.858	100.678
L2	472098.930	989401.275	100.285
L3	472110.144	989449.151	103.275

PLOT AREA = 4178 sq. m.

SURVAYED BY	SHEWANGIZAW & TEGENE
SCALE	1:---
DATE	NOV. 2019

CLIENT UNITED NATIONS OFFICE FOR
PROJECT SERVICE (UNOPS)

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PROJECT Topographical Survey for Eco-friendly
Latrine Constructions in LAFTO SECONDARY SCHOOL

LOCATION
A.A. .. SUB C. W--.

TITLE
TOPOGRAPHY MAP

DR. NO.	REV. NO.	SHEET NO.
TO 00/12		1

995200

995180

995160

995140

995120

995100

995080

995060

470660 470680 470700 470720 470740 470760 470780

LIDETA SELAM ELEMENTARY SCHOOL.

- FENCE

BUILDING

GE GENERETOR

GH GUARD HOUSE

GA GARAGE

ST SEPTIC TANK

OMH MAN HOLE

WTE WATER TANK /ELEVATED/

WTG WATER TANK /GROUND/

ROAD /ASPHALT/

CONTOUR MINOR

CONTOUR MAJOR

SPOT HEIGHT

TREE

ELECTRIC POLE

TELE POLE

TELEPHONE BOX

TRANSFORMER

LIGHT POLE

WATER METER/TAP

WATER WELL

FLAGPOLE

RETAINIG WALL /MASONRY/

PA PAVEMENT

⊙ L1 BENCH MARK

CONTROL POINTS COORDINATES

BM	EASTING	NORTH.	HEIGHT
L1	470693.925	995163.905	100.198
L2	470702.296	995151.428	100.015
L3	470734.679	995182.292	99.681
L4	470765.892	995134.564	99.553

PLOT AREA = 8637 sq. m.

SURVAYED BY	SHEWANGIZAW & TEGENE
SCALE	1:___
DATE	NOV. 2019

CLIENT UNITED NATIONS OFFICE FOR PROJECT SERVICE (UNOPS)

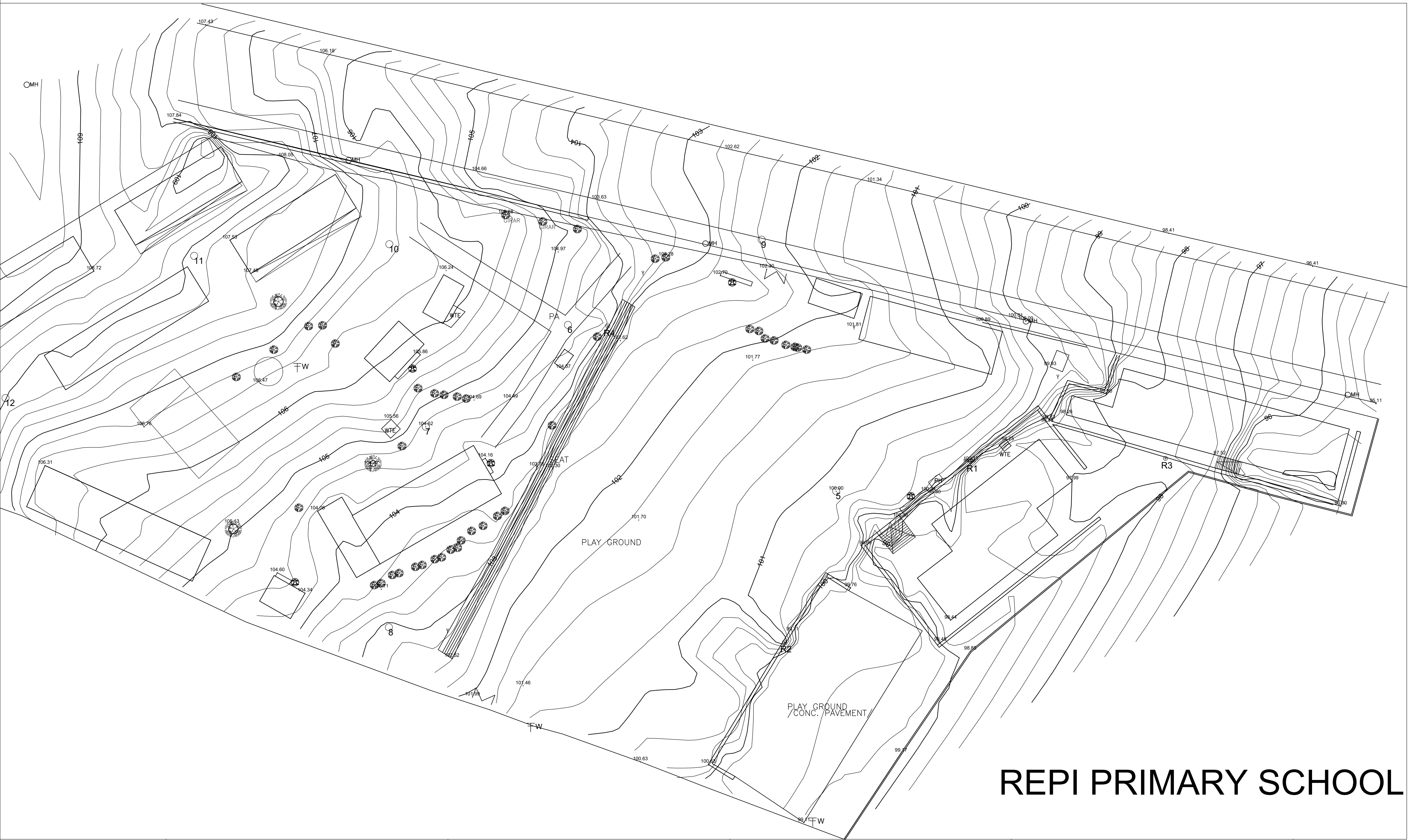
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PROJECT Topographical Survey for Eco-friendly Latrine Constructions in LIDETA SELAM ELEM. SCHOOL

LOCATION
A.A. .. SUB C. W--.,

TITLE
TOPOGRAPHY MAP

DR. NO.	REV. NO.	SHEET NO.
TO 00/12		1 / 1



CONTOUR INTERVAL 0.25m

LEGEND

- BOUNDARY/MASONRY FENCE
- FENCE/CIS/BUILDING
- OMH MAN HOLE
- WTE WATER TANK /ELEVATED
- WTG WATER TANK /GROUND,
- ROAD /ASPHALT/CONTOUR MINOR
- CONTOUR MAJOR
- SPOT HEIGHT
- TREE
- EW ELECTRIC POLE/WOODEN
- TELE POLE
- TELEPHONE BOX
- TRANSFORMER
- LIGHT POLE
- WATER TAP/METER
- WATER WELL
- FLAGPOLE
- RETAINING WALL /MASONRY
- PA PAVEMENT

BENCH MARK

CONTROL POINTS COORDINATES

BM	EASTING	NORTH	HEIGHT
R1	464342.799	992386.045	1100.182
R2	464309.736	992353.945	1101.823
R4	464278.366	992410.077	1104.675

PLOT AREA = 17034 sq. m.

SURVAYED BY	SHEWANGIZAW & TEGENE		
SCALE	1:_____		
DATE	NOV. 2019		
CLIENT	UNITED NATIONS OFFICE FOR PROJECT SERVICE (UNOPS)		
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PROJECT Topographical Survey for Eco-friendly Latrine Construction in REPI PRIM. SCHOOL			
LOCATION A.A. - SUB C. W.-.			
TITLE TOPOGRAPHY MAP			
DR. NO.	REV. NO.	SHEET NO.	
TO 06/12		1 / 1	

464200

464250

464300

464350

464400