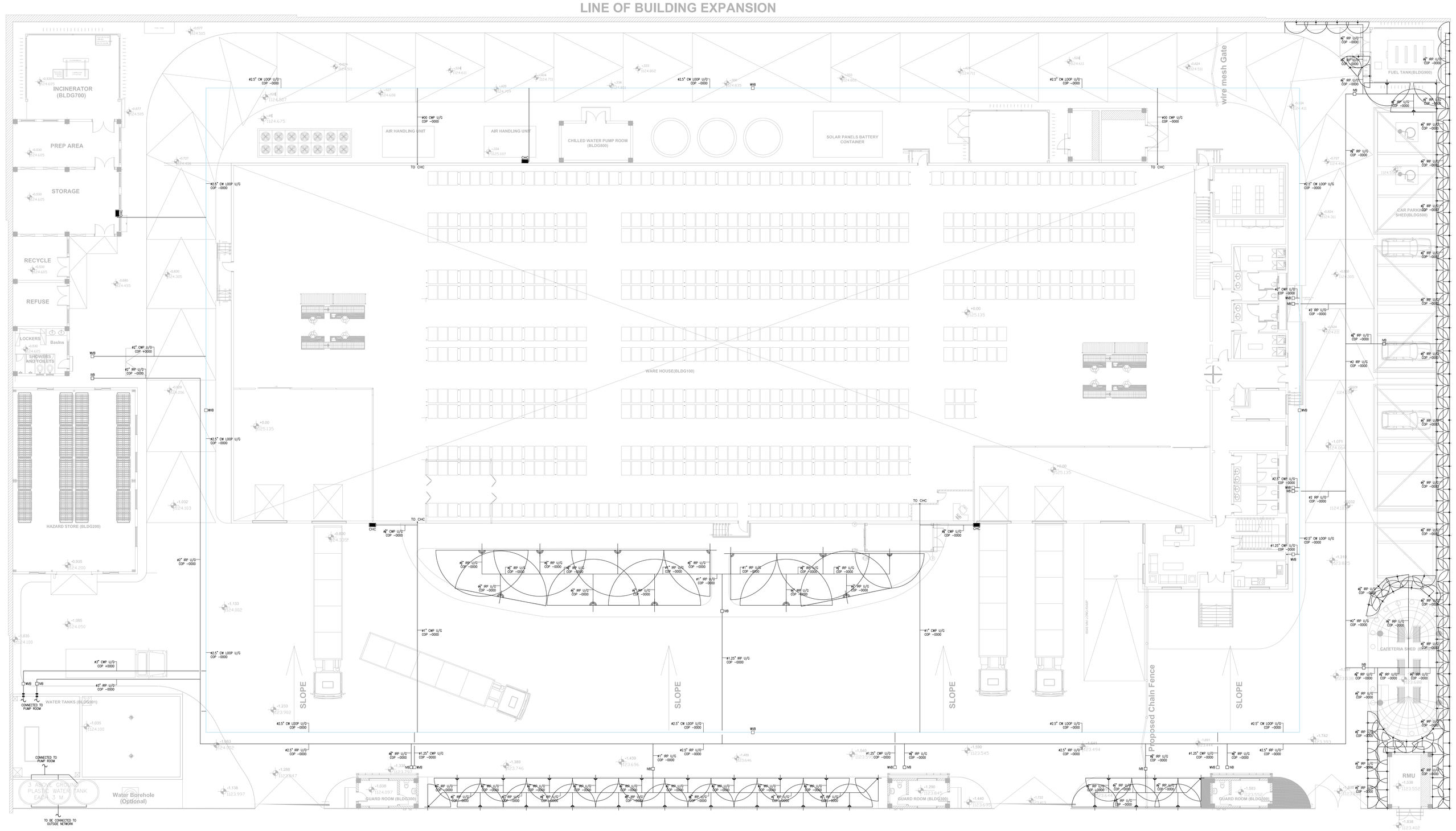


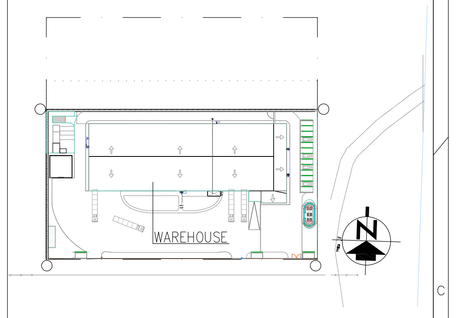

NOTES

- ALL DRAWINGS ARE IN MILLIMETERS, ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE ENGINEER.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, MECHANICAL,ELECTRICAL AND SPECIAL SYSTEMS DRAWINGS AND ALL RELEVANT SECTIONS OF THE SPECIFICATIONS.
- CONTRACTOR SHALL CHECK AND COORDINATE ALL ARCHITECTURAL, STRUCTURAL, ELECTROMECHANICAL AND LANDSCAPE WORKS BEFORE CONSTRUCTION.

SYMBOLS/LEGEND:

| | |
|---|---|
| T/A | TO ABOVE |
| F/A | FROM ABOVE |
| T/B | TO BELOW |
| F/B | FROM BELOW |
| U/T | UNDER TILE |
| H/L | HIGH LEVEL |
| L/L | LOW LEVEL |
| CWP | COLD WATER PIPE |
| HWP | HOT WATER PIPE |
| CWR | COLD WATER RISER |
| HWR | HOT WATER RISER |
| IRR | IRRIGATION RISER |
| IRP | IRRIGATION PIPE |
| L/S | LITER PER SECOND |
| GPM | GALLONS PER MINUTE |
| DN | DOWN |
| U/G | UNDERGROUND |
| AV | ANGLE VALVE |
| BV | BALL VALVE |
| AAV | AUTOMATIC AIR VENT |
| F.M | FLOW METER |
| EWH | ELECTRIC WATER HEATER |
| IVB | IRRIGATION VALVE BOX |
| WVB | WATER VALVE BOX |
| WSP | WATER SUPPLY PUMP |

KEYPLAN




| INDEX | DATE | DESCRIPTION | DESIGNED BY | CHECKED BY | APPROVED BY |
|---|---|---|---|---|---|
| R6 | | | | | |
| R5 | | | | | |
| R4 | | | | | |
| R3 | | | | | |
| R2 | | | | | |
| R1 | | | | | |
| R0 | 26-07-20 | DETAILED DESIGN | A.O.D | A.O.T | H.A.A |

THIS DRAWING IS THE PROPERTY OF COSMOS-E
AND MUST NOT BE REPRODUCED OR ITS CONTENTS DIVULGED WITHOUT WRITTEN PERMISSION

CLIENT

NatPharm
Access to Affordable Quality Medicines

MAIN CONSULTANT

COSMOS E

COSMOS-E
ENGINEERS & CONSULTANTS
P.O. BOX 2444, HARARE, ZIMBABWE
HARARE SHERATON - MCARTHY HOUSE, 3RD FLOOR
TEL: (263)(0)4776574/5/6/7/8/9
FAX: (263)(0)4776577
E-mail: info@cosmos-e.com
WEB: www.cosmos-e.com

LOCAL CONSULTANT

NYIKA ENGINEERING & TECHNICAL SERVICES (PVT) LTD
1 CAUSTON CLOSE, ROUNDS, HARARE, ZIMBABWE.
E-mail: nyikaen@gmail.com

PROJECT TITLE

ZIMBABWE ( MUTARE ) MEDICAL WAREHOUSE

DRAWING TITLE

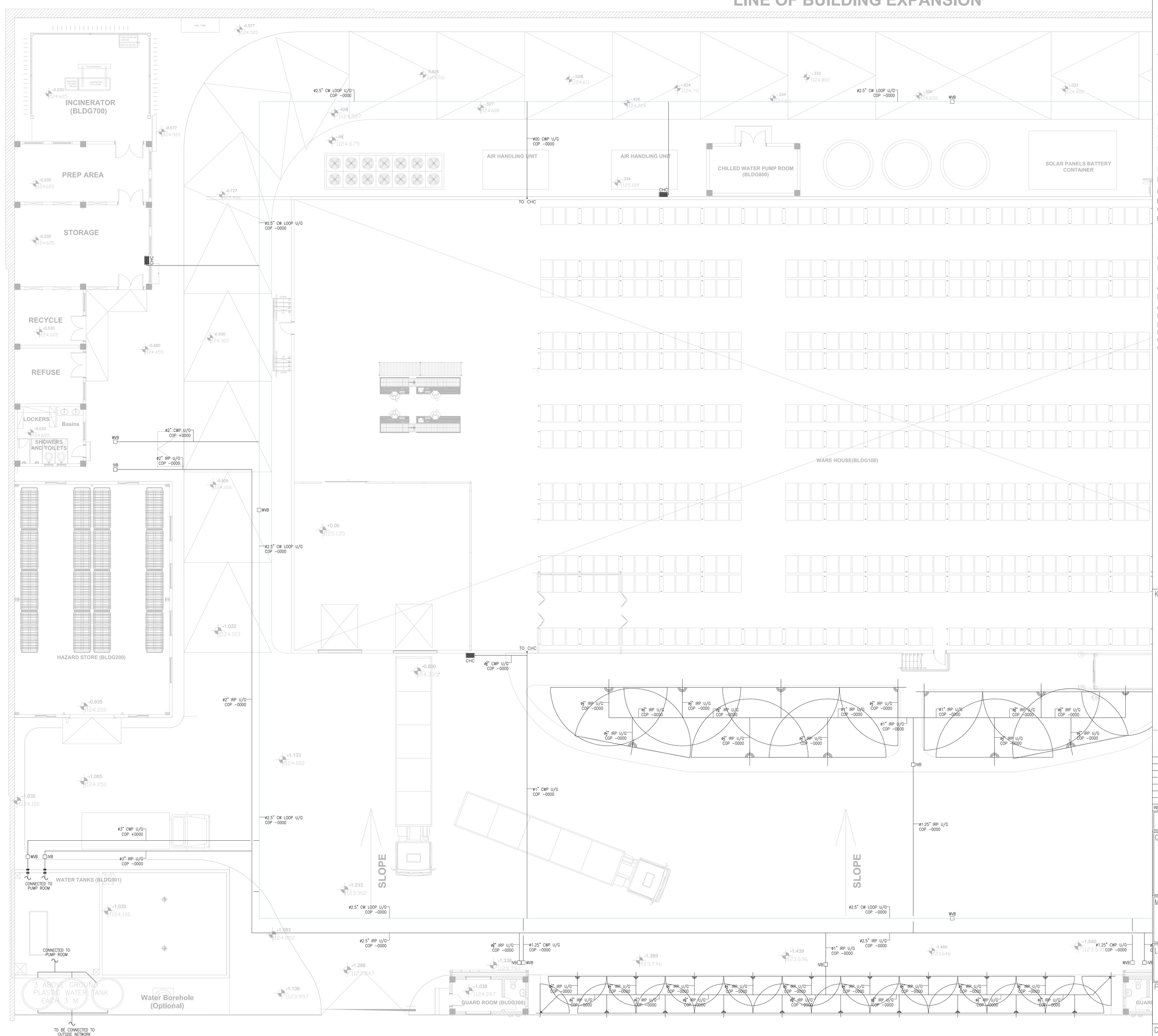
WATER SUPPLY SYSTEM
LAYOUT MASTER PLAN

PROJECT NO. Z2016

SCALE: 1:150

DRAWING NO. Z2016-0100-PDE-2100-0

PROJECT NUMBER | BUILDING NO. | DOC. DESCRIPTION | DOC. NUMBER | REV.



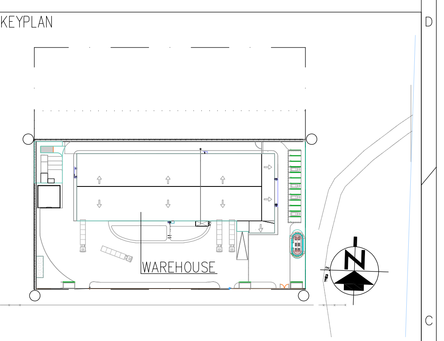

NOTES

- ALL DRAWINGS ARE IN MILLIMETERS, ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE ENGINEER.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, MECHANICAL,ELECTRICAL AND SPECIAL SYSTEMS DRAWINGS AND ALL RELEVANT SECTIONS OF THE SPECIFICATIONS.
- CONTRACTOR SHALL CHECK AND COORDINATE ALL ARCHITECTURAL, STRUCTURAL, ELECTROMECHANICAL AND LANDSCAPE WORKS BEFORE CONSTRUCTION.

SYMBOLS/LEGEND:

| | |
|---|---|
| T/A | TO ABOVE |
| F/A | FROM ABOVE |
| T/B | TO BELOW |
| F/B | FROM BELOW |
| U/T | UNDER TILE |
| H/L | HIGH LEVEL |
| L/L | LOW LEVEL |
| CWP | COLD WATER PIPE |
| HWP | HOT WATER PIPE |
| CWR | COLD WATER RISER |
| HWR | HOT WATER RISER |
| IRR | IRRIGATION RISER |
| IRP | IRRIGATION PIPE |
| L/S | LITER PER SECOND |
| GPM | GALLONS PER MINUTE |
| DN | DOWN |
| U/G | UNDERGROUND |
| AV | ANGLE VALVE |
| BV | BALL VALVE |
| AAV | AUTOMATIC AIR VENT |
| F.M | FLOW METER |
| EWH | ELECTRIC WATER HEATER |
| IVB | IRRIGATION VALVE BOX |
| WVB | WATER VALVE BOX |
| WSP | WATER SUPPLY PUMP |

KEYPLAN




| INDEX | DATE | DESCRIPTION | DESIGNED BY | CHECKED BY | APPROVED BY |
|---|---|---|---|---|---|
| R6 | | | | | |
| R5 | | | | | |
| R4 | | | | | |
| R3 | | | | | |
| R2 | | | | | |
| R1 | | | | | |
| R0 | 26-07-20 | DETAILED DESIGN | A.O.D | A.O.T | H.A.A |

THIS DRAWING IS THE PROPERTY OF COSMOS-E
AND MUST NOT BE REPRODUCED OR ITS CONTENTS DIVULGED WITHOUT WRITTEN PERMISSION

CLIENT

NatPharm
Access to Affordable Quality Medicines

MAIN CONSULTANT

COSMOS E
COSMOS-E
ENGINEERS & CONSULTANTS
P.O. BOX 5144, HARARE, ZIMBABWE
6A GUN-ON-SHO RD, HEIGHFIELD, HARARE, ZIMBABWE
TEL: (263)(0)4776574-7/8/9, 4776580
FAX: (263)(0)4776579
E-mail: cosmos@cosmos-e.co.zw
WEB: www.cosmos-e.co.zw

LOCAL CONSULTANT

NYIKA ENGINEERING & TECHNICAL SERVICES (PVT) LTD
1 GAZUNA CLOSE, ROUNDHILL, HARARE, ZIMBABWE.
E-mail: nyikaeng@gmail.com

PROJECT TITLE

ZIMBABWE ( MUTARE ) MEDICAL WAREHOUSE

DRAWING TITLE

WATER SUPPLY SYSTEM LAYOUT PART (1/2)

PROJECT NO. Z2016

SCALE: 1:100

DRAWING NO. Z2016-000-PDE-201-0
PROJECT NUMBER | BUILDING NO. | DOC. DESCRIPTION | DOC. NUMBER | REV.

LINE OF BUILDING EXPANSION

wire mesh Gate

CHILLED WATER PUMP ROOM (BLDG800)

SOLAR PANELS BATTERY CONTAINER

FUEL TANK(BLDG900)

CAR PARKING SHED(BLDG500)

CAFETERIA SHED (BLDG400)

WARE HOUSE(BLDG100)

GUARD ROOM (BLDG300)

GUARD ROOM (BLDG300)

RMU

SLOPE

SLOPE

SLOPE

Proposed Chain Fence

8M WIDE LONG RAMP

TO CHC

CHC

WVB

IVB

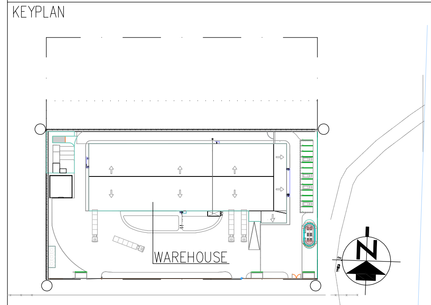
NOTES

- ALL DRAWINGS ARE IN MILLIMETERS, ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE ENGINEER.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, MECHANICAL,ELECTRICAL AND SPECIAL SYSTEMS DRAWINGS AND ALL RELEVANT SECTIONS OF THE SPECIFICATIONS.
- CONTRACTOR SHALL CHECK AND COORDINATE ALL ARCHITECTURAL, STRUCTURAL, ELECTROMECHANICAL AND LANDSCAPE WORKS BEFORE CONSTRUCTION.

SYMBOLS/LEGEND:

| | |
|---|---|
| T/A | TO ABOVE |
| F/A | FROM ABOVE |
| T/B | TO BELOW |
| F/B | FROM BELOW |
| U/T | UNDER TILE |
| H/L | HIGH LEVEL |
| L/L | LOW LEVEL |
| CWP | COLD WATER PIPE |
| HWP | HOT WATER PIPE |
| CWR | COLD WATER RISER |
| HWR | HOT WATER RISER |
| IRR | IRRIGATION RISER |
| IRP | IRRIGATION PIPE |
| L/S | LITER PER SECOND |
| GPM | GALLONS PER MINUTE |
| DN | DOWN |
| U/G | UNDERGROUND |
| AV | ANGLE VALVE |
| BV | BALL VALVE |
| AAV | AUTOMATIC AIR VENT |
| F.M | FLOW METER |
| EWH | ELECTRIC WATER HEATER |
| IVB | IRRIGATION VALVE BOX |
| WVB | WATER VALVE BOX |
| WSP | WATER SUPPLY PUMP |

KEYPLAN




| INDEX | DATE | DESCRIPTION | DESIGNED BY | CHECKED BY | APPROVED BY |
|---|---|---|---|---|---|
| R6 | | | | | |
| R5 | | | | | |
| R4 | | | | | |
| R3 | | | | | |
| R2 | | | | | |
| R1 | | | | | |
| R0 | 26-07-20 | DETAILED DESIGN | A.O.D | A.O.T | H.A.A |

THIS DRAWING IS THE PROPERTY OF COSMOS-E
AND MUST NOT BE REPRODUCED OR ITS CONTENTS DIVULGED WITHOUT WRITTEN PERMISSION

CLIENT

NatPharm
Access to Affordable Quality Medicines

MAIN CONSULTANT

COSMOS E

COSMOS-E
ENGINEERS & CONSULTANTS
80 EL MOKTAR EL AHMADI SQUARE
MOHANDESSEEN, GIZA
CAIRO, EGYPT
TEL: (202)33497400+(202)33351010
FAX:(202)33497750 P.O.BOX:11561
E-MAIL:info@cosmos-e.com
WEB: www.cosmos-e.com

LOCAL CONSULTANT

NYIKA ENGINEERING & TECHNICAL SERVICES (PVT) LTD
1 OLADONA CLOSE, HIGHLANDS, HARARE, ZIMBABWE.
E-mail: nyikaeng@gmail.com

PROJECT TITLE

ZIMBABWE ( MUTARE ) MEDICAL WAREHOUSE

DRAWING TITLE

WATER SUPPLY SYSTEM
LAYOUT PART (1/2)

PROJECT NO. Z2016

SCALE: 1:100

DRAWING NO. Z2016-000-PDE-2012-0

PROJECT NUMBER | BUILDING NO. | DOC. DESCRIPTION | DOC. NUMBER | REV.