

NOTE:

FOOTINGS: REINFORCED CONCRETE PER ENGINEER' OF RECORD, WITH BUTTRESS FOOTINGS OF REINFORCED CONCRETE @ 0.8 m DEPTH
WALLS: 50# EARTH BAGS, SOIL MIX INCLUDING 5-50% CLAY, 2 ROWS OF BARBED WIRE BETWEEN EACH COURSE, VERTICAL REBAR 1.2 m MINIMUM IN ALL WALLS & NEXT TO ALL CORNERS AND OPENINGS. MORTAR ANCHORS FOR BARBED WIRE 15 cm LONG MINIMUM AT ALL BUTTRESSES AND PIERS.
PLASTER: USE EARTH OR LIME PLASTER ON UNSTABILIZED EARTH BAGS CONTAINING MORE THAN 10% CLAY. USE CEMENT STUCCO ON SOILS WITH LOW CLAY CONTENT, OR ON SOILS WITH LESS THAN 15% CLAY IN FROST FREE AREAS..
WINDOWS & DOORS: WINDOW AND DOOR OPENINGS 75 cm. REBAR GRILL & SHUTTERS AT WINDOW OPENINGS, EXTERIOR DOORS TO OPEN OUT.
BOND BEAM: REINFORCED CONCRETE INTEGRAL BOND BEAM AND LINTELS 0.3 HIGH x 0.38 WIDE, TIED TO BAGS 60 cm OC WITH 60 cm #4 REBAR
ROOF: CORRUGATED METAL ON PURLINS ON RAFTERS 60 cm O.C. USE HURRICANE STRAPS TO TIE TO TOP PLATE BOLTED TO BOND BEAM.

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Geiger Research Institute of Sustainable Building
www.grisb.org, contact: strawhouses@yahoo.com
www.earthbagstructures.com,
 contact: handshapedland@yahoo.com

SCHEMATIC PLAN

SMALL DOUBLE CLASSROOM MODULE
 LEOGÂNE, HAITI

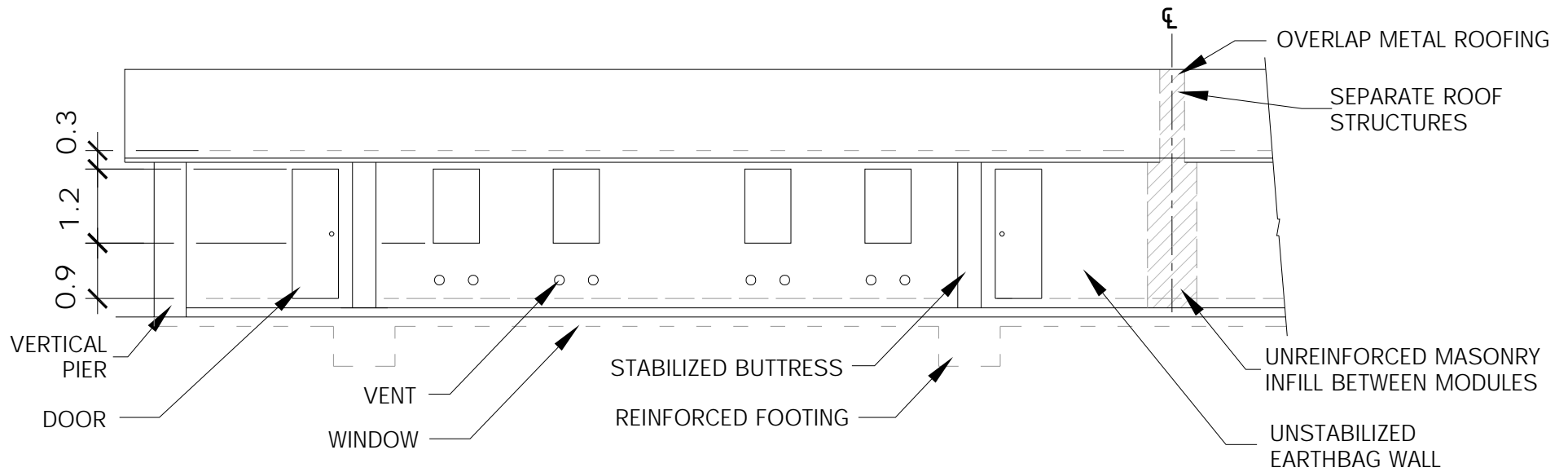
DRAWN BY: PATTI STOUTER
 CHECKED BY: OG
 DATE: SEPTEMBER 16, 2010

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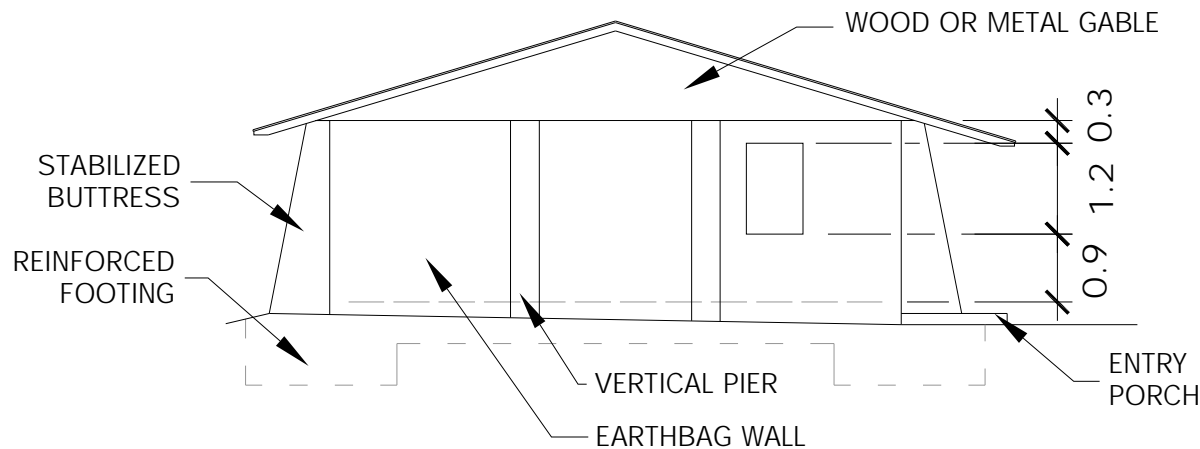
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A1

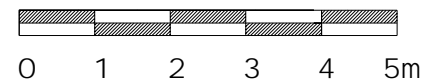
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FRONT



LEFT SIDE



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 Geiger Research Institute of Sustainable Building
www.grisb.org, contact: strawhouses@yahoo.com
www.earthbagstructures.com,
 contact: handshapedland@yahoo.com

SCHEMATIC ELEVATIONS
SMALL DOUBLE CLASSROOM MODULE
 LEOGÂNE, HAITI

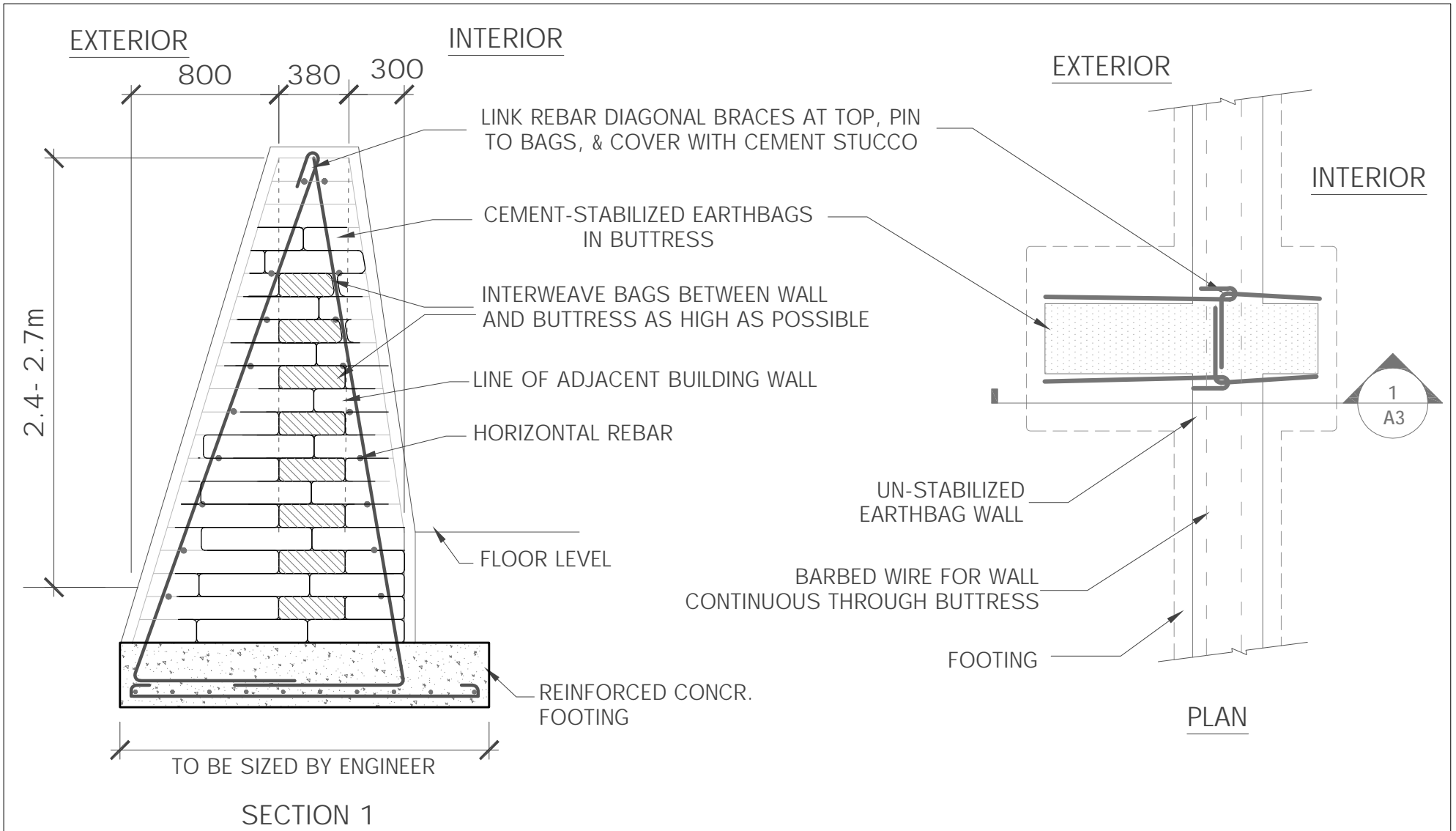
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A2

FILE NAME:
 EDE Classrm2



ALL NOTES ON SHEET A4 APPLY.

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 Geiger Research Institute of Sustainable Building
www.grisb.org, contact: strawhouses@yahoo.com
www.earthbagstructures.com,
 contact: handshapedland@yahoo.com

SCHEMATIC BUTTRESS
 SMALL DOUBLE CLASSROOM MODULE
 LEOGÂNE, HAITI

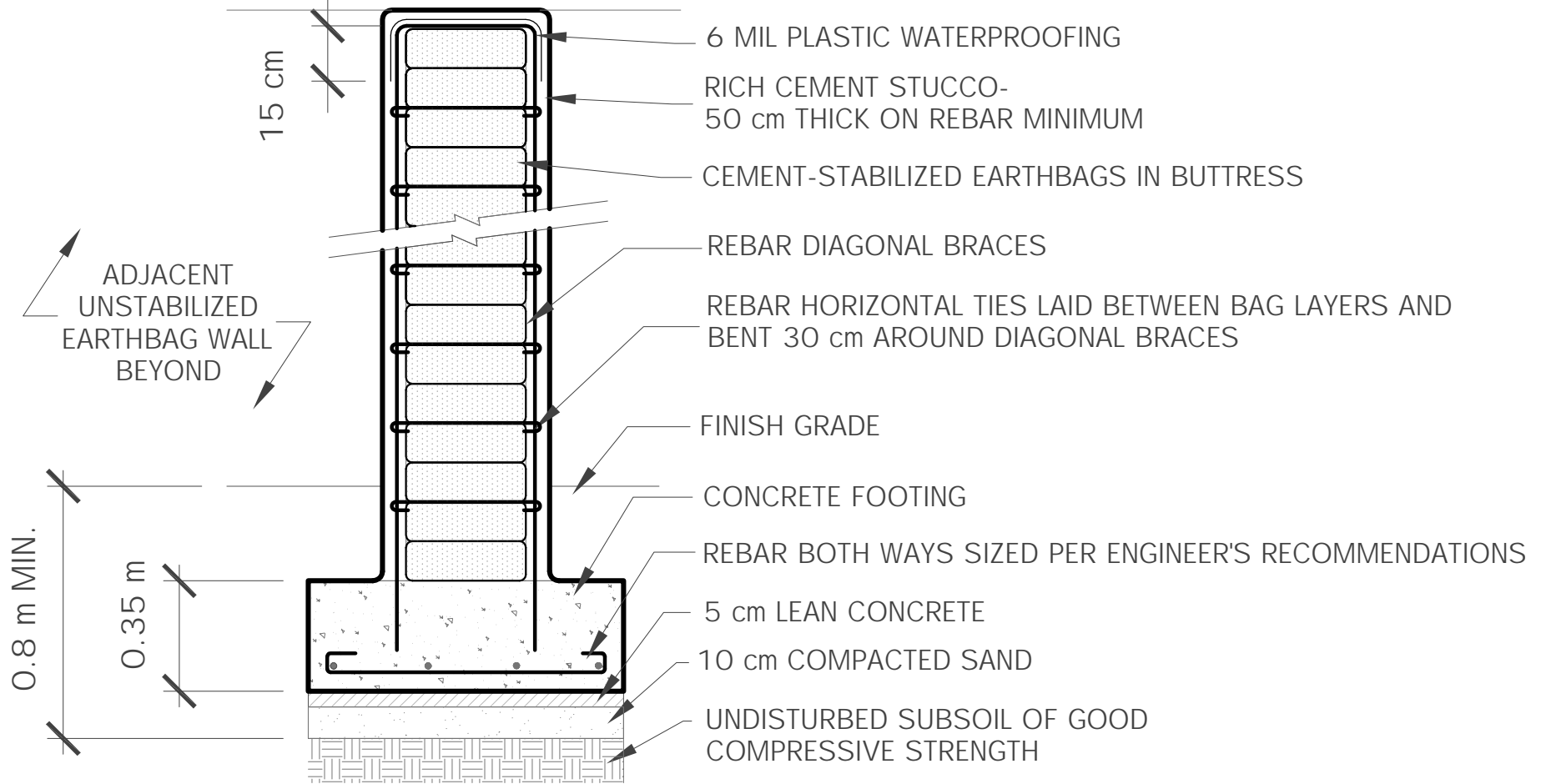
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A3

FILE NAME:
 EDE Classrm2



NOTES:

1. DESCRIPTION OF DESIGN AND CONSTRUCTION IS INCOMPLETE AND CONCEPTUAL, SUBJECT TO DEVELOPMENT AND MODIFICATION BY THE ARCHITECT OR ENGINEER OF RECORD.
2. REINFORCED BUTTRESSES OF BAGS WITH CEMENT-STABILIZED EARTH FILL MAY BE ENGINEERED ACCORDING TO STANDARDS APPLICABLE TO CONCRETE AND CONCRETE MASONRY CONSTRUCTION (ASTM E2392/ E2392 M/ P.5).
3. ROOF OVERHANGS 50 cm MINIMUM TO PROTECT TOPS OF EARTH WALLS.

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Geiger Research Institute of Sustainable Building
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SCHEMATIC

BUTTRESS DETAIL

SMALL DOUBLE CLASSROOM MODULE

LEOGÂNE, HAITI

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A4

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FILE NAME:
 EDE Classrm2