

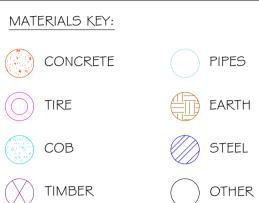
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WALL TYPES KEY:

WALL TYPE A: RAMMED EARTH TIRES

WALL TYPE B: RAMMED EARTH TIRES WALL TYPE C: GLASS BOTTLES + MORTAR

WALL TYPE D: ECOBRICKS + MORTAR

WALL TYPE E: COB + GLASS BOTTLES

WALL TYPE F: ECOBRICKS + MORTAR

PLAN I CUT AT 4' ABOVE TOP OF CONCRETE SLAB.

PLAN 2 CUT AT TOP OF CONCRETE SLAB.

LONG WAY HOME





WWW.LWHOME.ORG INFO@LWHOME.ORG

PROJECT:



42,500 GALLON CISTERN +

8/11 DOME LIBRARY

		REVISIONS:	
NO.	DATE	DESC	DRAWN BY
ı	05/03/2015		M.F.
2	06/05/2021	AS BUILT	5.M.
DRAV	VN BY:		

GERMAIN HOT

06 MAY 2021

SHEET TITLE:

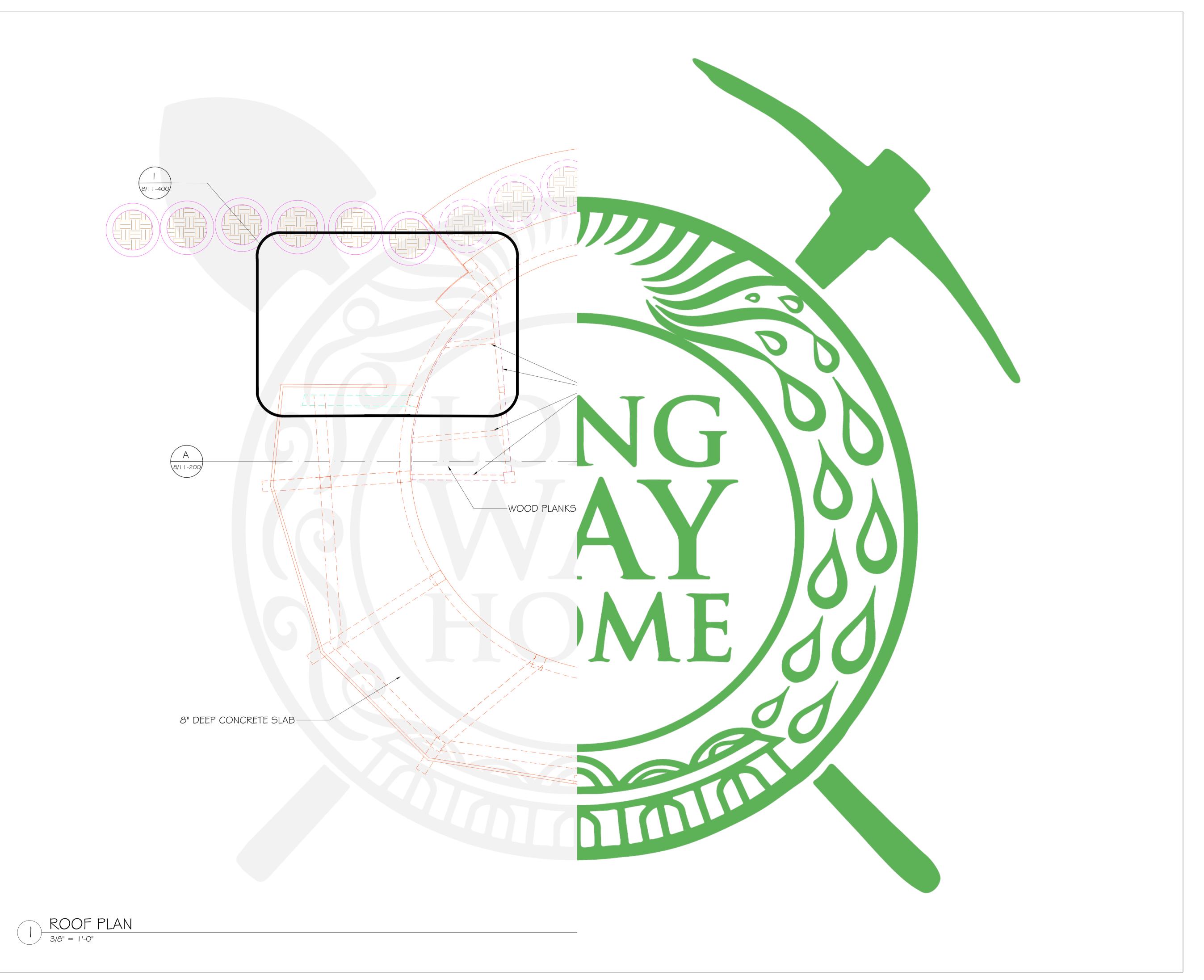
GROUND FLOOR PLANS

SHEET SIZE: 1/4"= | '-0"

SHEET NO.

8/11-100

ΑΙ



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CONCRETE















WALL TYPE F: ECOBRICKS + MORTAR

ALL BEAMS | 4" HIGH (UNLESS NOTED OTHERWISE)

LONG WAY HOME

SAN JUAN COMALAPA, GUATEMALA



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PROJECT:

HERO SCHOOL



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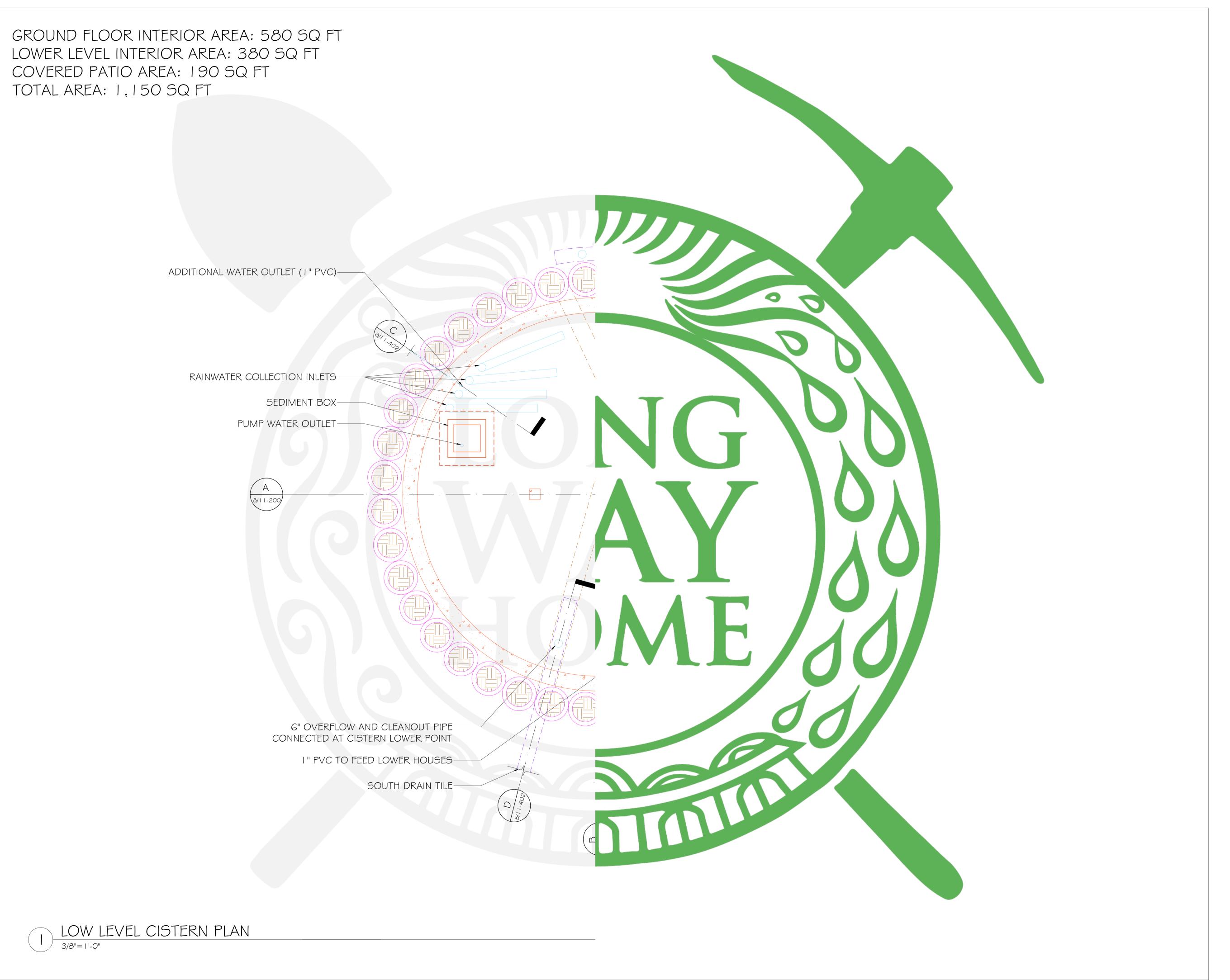
SHEET TITLE: ROOF PLAN

SHEET SIZE: SCALE: 3/8"= | '-0" ΑΙ

SHEET NO.

8/11-101

NO: 8/11



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CONCRETE



DRAIN TILE







CUT AT 4' ABOVE TOP OF SLAB.

LONG WAY HOME





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SHEET TITLE: LOWER LEVEL

CISTERN PLAN SCALE:

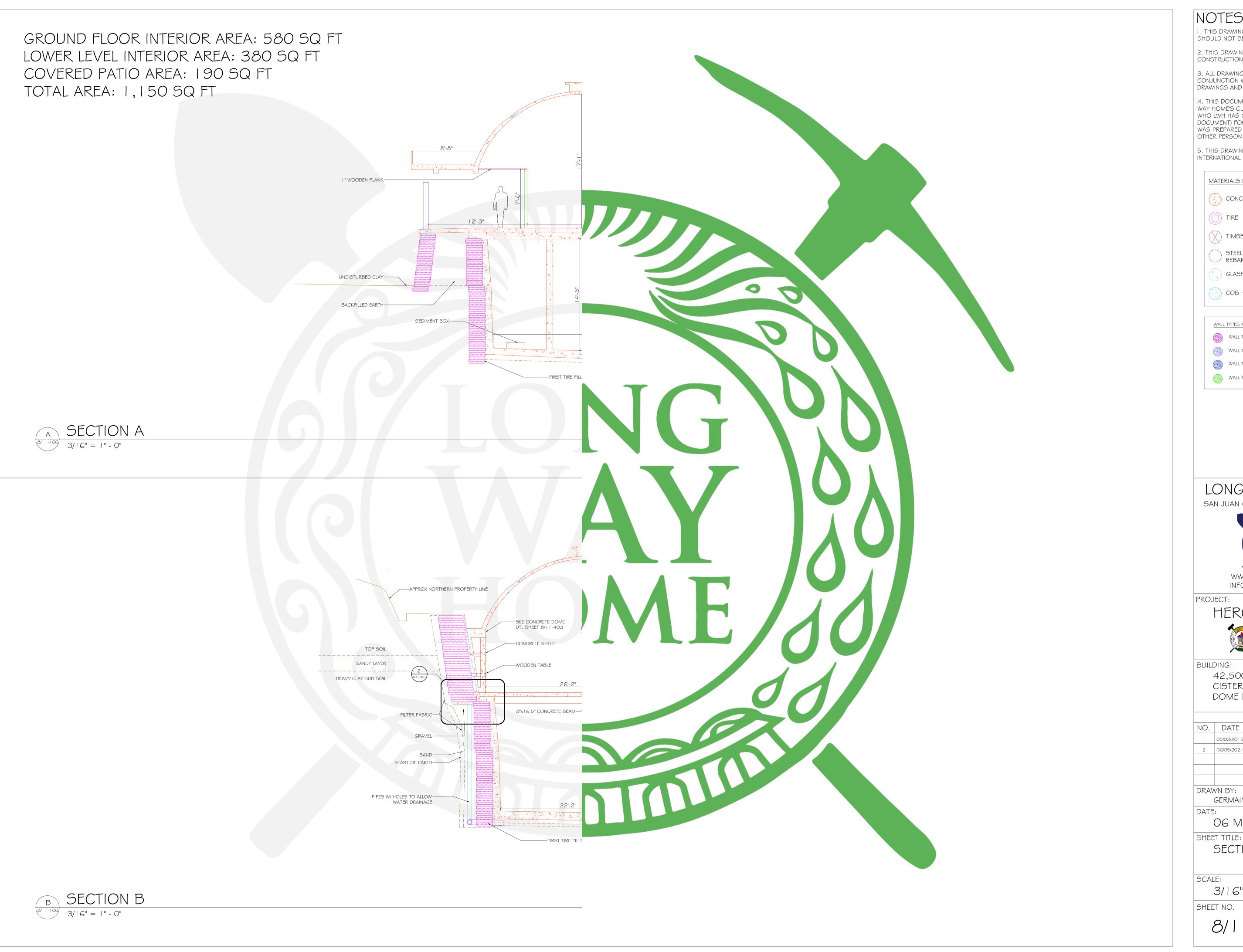
3/8"= | '-0"

SHEET NO.

8/11-102

SHEET SIZE:

ΑΙ



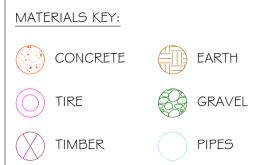
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REBAR

DRAIN TILE OTHER

GLASS

COB + PLASTER FINISHES

WALL TYPES KEY:

WALL TYPE A: RAMMED EARTH TIRES

WALL TYPE B: RAMMED EARTH TIRES

WALL TYPE C: GLASS BOTTLES + MORTAR

WALL TYPE D: ECOBRICKS + MORTAR

LONG WAY HOME

SAN JUAN COMALAPA, GUATEMALA



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ı	05/03/2015		M.F.
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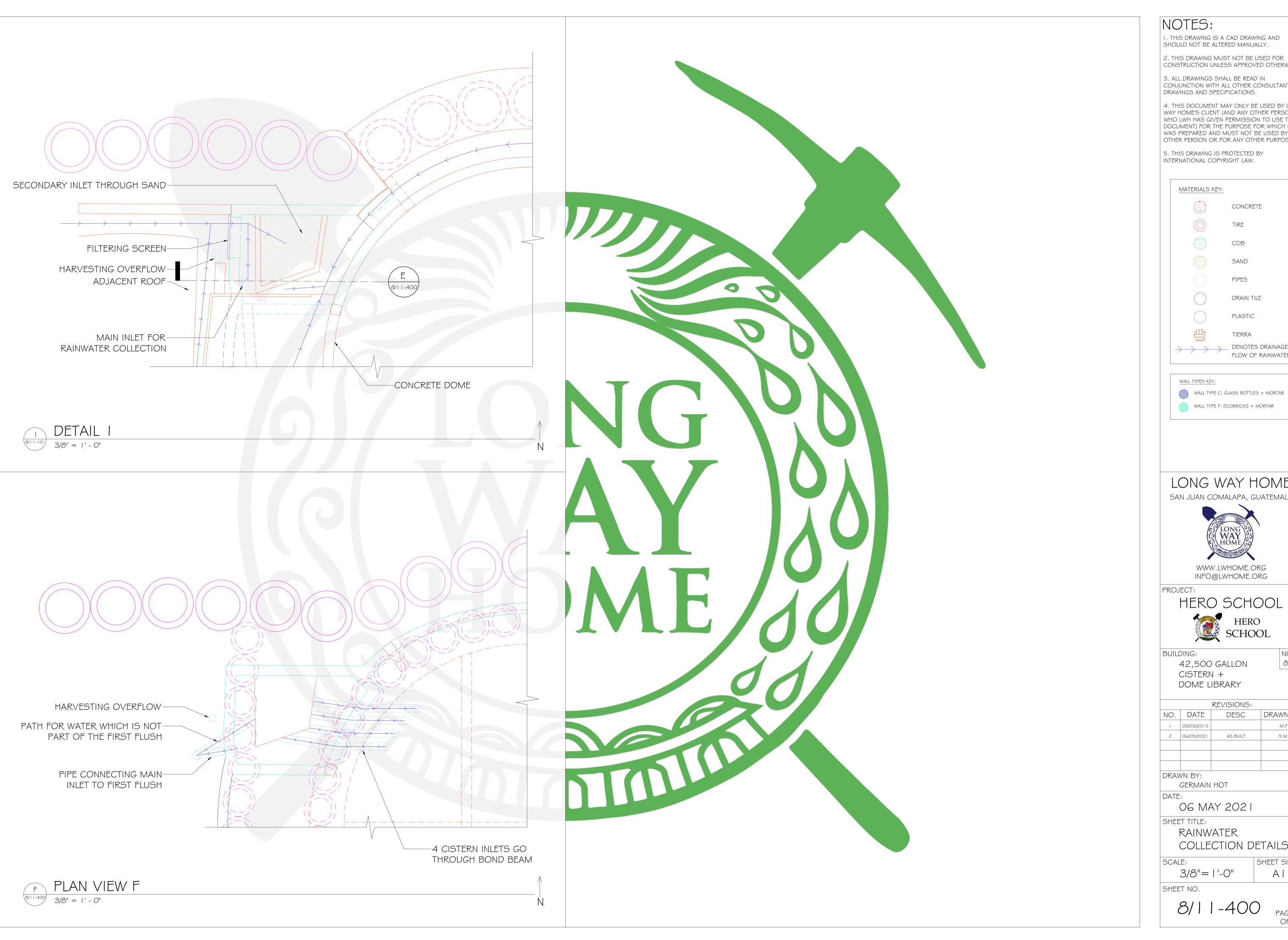
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SECTIONS

3/16"=1'-0"

SHEET NO.

SHEET SIZE:



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LONG WAY HOME SAN JUAN COMALAPA, GUATEMALA



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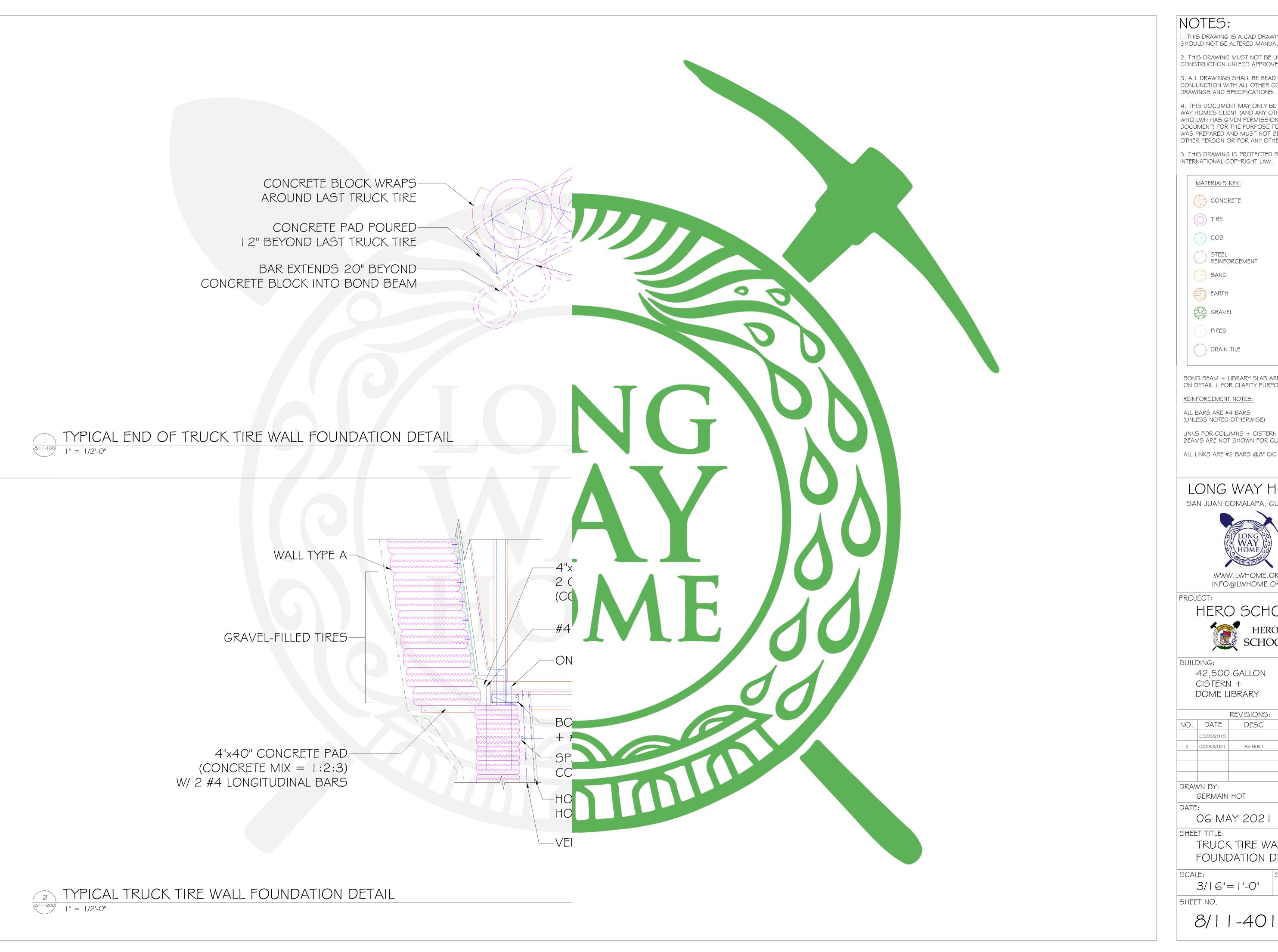
SHEET TITLE:

RAINWATER COLLECTION DETAILS

SCALE: SHEET SIZE: 3/8"= | '-0" ΑI

SHEET NO.

8/11-400



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CONCRETE



COB



STEEL REINFORCEMENT



EARTH





DRAIN TILE

BOND BEAM + LIBRARY SLAB ARE NOT SHOWN ON DETAIL I FOR CLARITY PURPOSES.

REINFORCEMENT NOTES:

ALL BARS ARE #4 BARS (UNLESS NOTED OTHERWISE)

LINKS FOR COLUMNS + CISTERN CEILING BEAMS ARE NOT SHOWN FOR CLARITY

ALL LINKS ARE #2 BARS @8" C/C

LONG WAY HOME

SAN JUAN COMALAPA, GUATEMALA



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SHEET TITLE:

TRUCK TIRE WALL FOUNDATION DETAILS

SCALE: 3/16"=1'-0"

SHEET SIZE: ΑI

SHEET NO.

8/11-401



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COB



DRAIN TILE





GRAVEL



SAN JUAN COMALAPA, GUATEMALA



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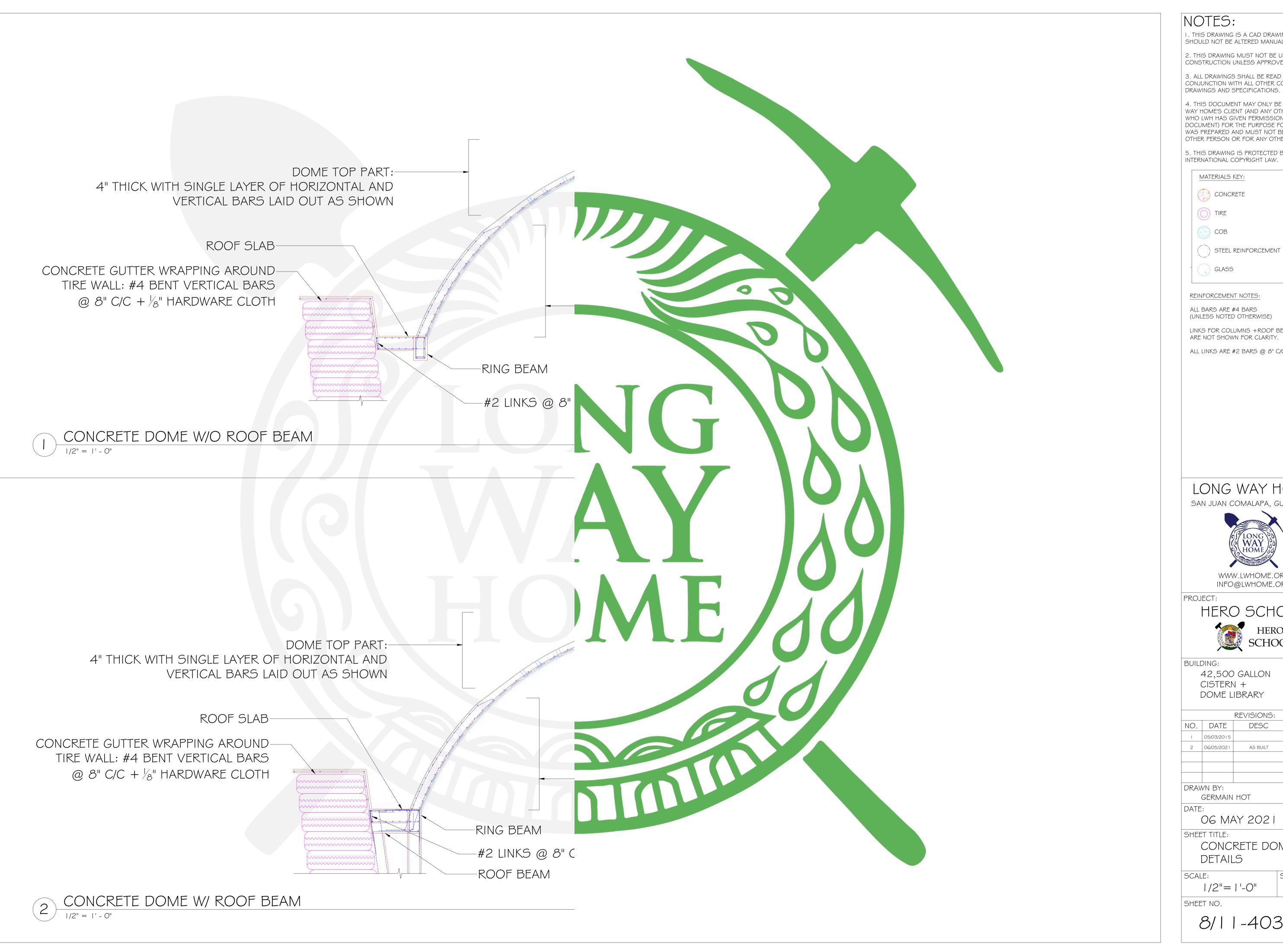
CISTERN PIPE DETAILS

SCALE: 1/2=1'-0"

SHEET NO.

8/11-402 PAGE 7 OF 11

SHEET SIZE:



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STEEL REINFORCEMENT



REINFORCEMENT NOTES:

ALL BARS ARE #4 BARS (UNLESS NOTED OTHERWISE)

LINKS FOR COLUMNS +ROOF BEAMS ARE NOT SHOWN FOR CLARITY.

ALL LINKS ARE #2 BARS @ 8" C/C

LONG WAY HOME

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06 MAY 2021

SHEET TITLE:

CONCRETE DOME DETAILS

SHEET SIZE: 1/2"= | '-0" ΑI

SHEET NO.

8/11-403



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MATERIALS KEY:

TIRE

REINFORCEMENT

GLASS

PLASTIC

EARTH

COB

SAND + CEMENT FINISHES

WALL TYPES KEY:

WALL TYPE A: RAMMED EARTH TIRES

WALL TYPE B: RAMMED EARTH TIRES

WALL TYPE D: ECOBRICKS + MORTAR

WALL TYPE E: COB + GLASS BOTTLES

WALL TYPE F: ECOBRICKS + MORTAR

LONG WAY HOME



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06 MAY 202 I

SHEET TITLE:

WALL TYPE DETAILS

 $| \ | = | \ | - |$

SHEET SIZE: ΑΙ

SHEET NO.



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ELECTRICITY KEY:

S SWITCH

LIGHT

OUTLET HIGH LEVEL (ABOUT IM ABOVE GROUND)

OUTLET LOW LEVEL
(ABOUT 0.2 M ABOVE GROUND)

MAIN FEED

FUSE BOX

ON GF ALL SOCKETS ARE LOCATED ABOVE THE TABLE LEVEL IN PRESENCE OF A TABLE.

ALL LIGHTS ARE SHEDDING LIGHT ON TABLES OR SHELVES.

LONG WAY HOME

SAN JUAN COMALAPA, GUATEMALA



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PROJECT:

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SHEET TITLE:

ELECTRICITY PLANS

SCALE: 3/16"=1'-0"

SHEET SIZE:

SHEET NO.

8/11-500 PAGE 10 OF 11



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WATER MANAGEMENT KEY:

DENOTES DRAINAGE FLOW OF RAINWATER

LONG WAY HOME

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06 MAY 2021

SHEET TITLE:

ROOF DRAINAGE PLAN

SCALE: 3/8=1'-0"

ΑΙ

SHEET NO.

8/11-600 PAGE II

SHEET SIZE: