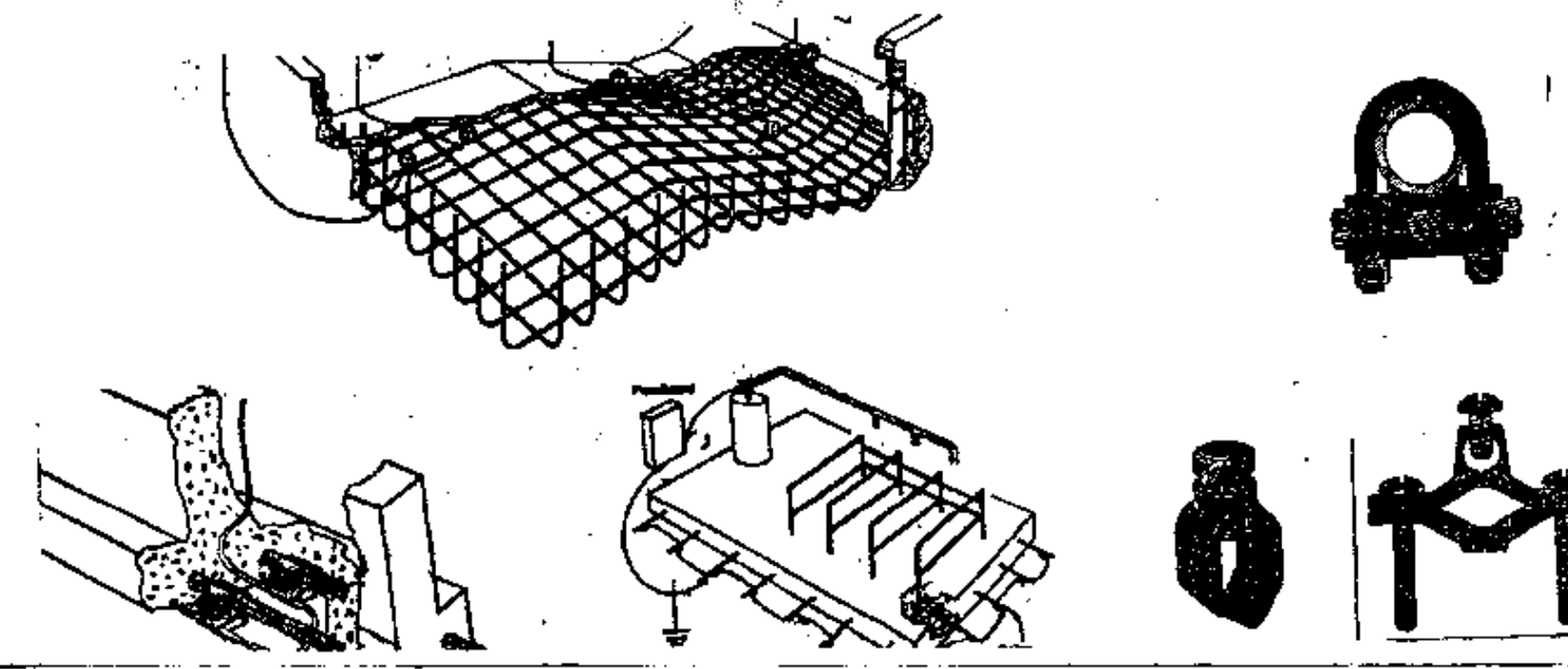


TO: ALL BUILDERS
FROM: THE BUILDING DEPT.
SUBJECT: GROUNDING OF REBAR IN FOOTINGS

PLEASE BE AWARE THAT AS OF APRIL 1, 2002 ALL REBAR, NO. 4 OR LARGER WHICH ARE IN A FOOTING MUST BE GROUNDED TO THE ELECTRIC PANEL.

EXAMPLES OF CLAMP CONNECTORS AND A COMMON BONDING GRID ARE SHOWN BELOW.



**ENCASED ELECTRODE DETAIL MUST COMPLY WITH UCC BULLETIN NO. 02-2
PLEASE REFER TO UCC BULLETIN No. 02-2 ON SHEET M-1**

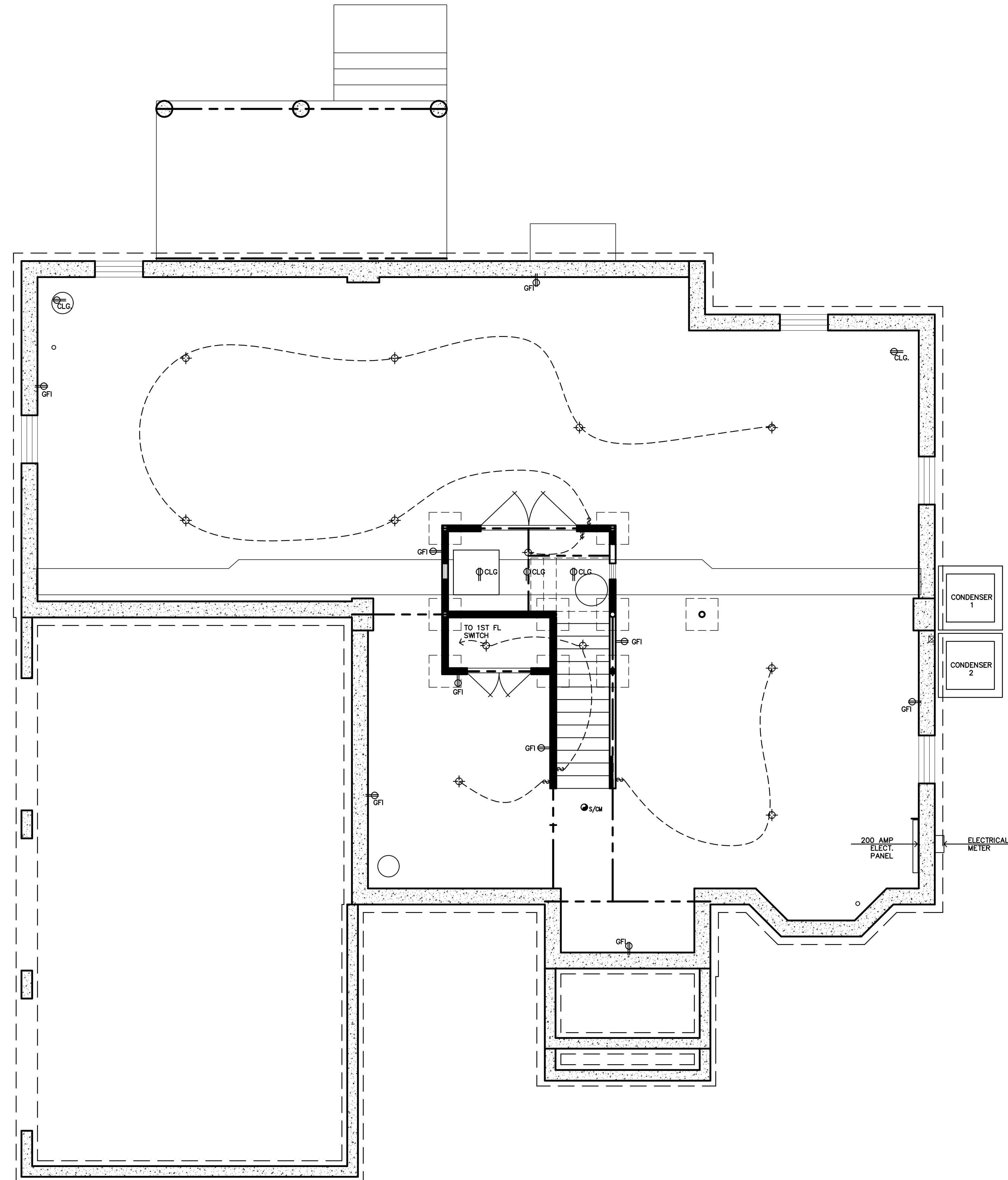
4 ELECTRICAL GROUNDING DETAIL
E-1 NTS

2015 IECC SECTION 404.1:
NJ LICENSED ELECTRICIAN MUST ENSURE THAT
MIN. 75% OF ALL LIGHTS HAVE HIGH EFFICIENCY LAMPS

ELECTRICAL LEGEND	
⊕	6" DIA. RECESSED LIGHTING FIXTURE
⊕ FIXTURE	LIGHTING FIXTURE (INTERIOR OR EXTERIOR)
⊕ 50 FCM	50 CFM EXHAUST FAN
△	WALL SCONSE LTG (INTERIOR OR EXTERIOR)
⌘	ELECTRICAL SWITCH
⊖	DUPLEX RECEPTACLE OUTLET
⊖ GFI	GROUND FAULT CIRCUIT INTERRUPTER OUTLET
⊙ S	SMOKE DETECTOR
⊙ S/CO	SMOKE/CARBON MONOXIDE DETECTOR

ELECTRICAL NOTE TO CONTRACTOR:

- *PROVIDE A 200 AMP PANEL IN BASEMENT; SEE FOUNDATION PLAN FOR LOCATION.
- *FOR ELECTRICAL METER LOCATION, SEE 1ST FLOOR ELECTRICAL PLAN
- *PROVIDE A PAIR OF ELECTRICAL CONDUITS FROM ATTIC TO BASEMENT FOR FUTURE ELECTRICAL NEEDS IN ATTIC. THIS SHALL AVOID RIPPING THROUGH ANY FINISHED WALLS/FLOORS/CEILINGS



1 BASEMENT ELECTRICAL FLOOR PLAN
E-1 1/4"=1'-0"

BUILDING DEPARTMENT INFO		
	EXISTING	PROPOSED ADDITIONS
USE GROUP	R-5	R-5
CONSTRUCTION CLASS	5B	5B
SQUARE FOOTAGE	SEE COVER SHEET	
VOLUME	SEE COVER SHEET	
OCCUPANCY LOAD		
AREA OF LARGEST FLOOR (SF)	SEE COVER SHEET	

DESIGN LOAD TABLE:	
FIRST FLOOR:	50 PSF LIVE 10 PSF DEAD
SECOND FLOOR:	40 PSF LIVE 10 PSF DEAD
ROOF:	30 PSF LIVE 10 PSF DEAD
WIND:	100 MPH (ASSUMED)

ZONING DATA:	
MUNICIPALITY	MARLBORO, NEW JERSEY
LOT NO	78.01
BLOCK NO.	153
ZONE	R-80

ROBERT A. HERNANDEZ ARCHITECT LLC

267 AMBOY AVENUE SUITE 30 METUCHEN, NJ 08840
TEL: (732)372-7955 FAX: (208)730-6888
EMAIL: NJARCHITECT@GMAIL.COM

ESK BUILDER INC.

136 BEACON HILL ROAD MARLBORO, NEW JERSEY LOT: 78.01 BLOCK: 153

CLIENT NAME: MICHAEL KONTOS
CLIENT CONTACT INFORMATION: TELEPHONE: (732) 275-7789

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REVISION #	REVISION DATE
REV-2	REVISION 2 MARCH 13, 2018
REVISION 1	FEBRUARY 2, 2018
REVISION #	REVISION DATE

DWGS ON THIS SHEET:	ROBERT A. HERNANDEZ ARCHITECT
DATE: JANUARY 9, 2018	
SCALE: AS SHOWN	
DRAWN BY R.A.H.	N.J. Reg. No. 18706 Cert. of Auth. AC-919 (NOT VALID UNLESS SEALED)
CHECKED BY R.A.H.	PAGE: E-1
PROJECT NUMBER 16-049	SHEET: 8 OF 16