

GUIDELINES FOR ELECTRICAL HOOKUP

4 WIRES ARE REQUIRED FROM SERVICE POLE TO THE MOBILE HOME (THE FEEDER). THESE WIRES MUST BE INSULATED AND COLOR CODED.

GREEN – FOR EQUIPMENT GROUNDING WIRE SHALL HAVE A CONTINUOUS OUTER FINISH OF GREEN.

WHITE – FOR GROUNDED WIRE
GROUNDED WIRE MUST BE IDENTIFIED (WHITE)
AT ALL TERMINATIONS.
(TERMINATIONS – SERVICE PANEL, METER BASE
AND AT THE WEATHER HEAD ON TOP OF THE POLE)

BLACK – FOR HOT WIRES (2)

FEEDER WIRES MUST BE IN A PIPE OR DIRECT BURIED. THIS INCLUDES THE SPACE BENEATH THE MOBILE HOME.

USE AN APPROVED COMPOUND ON ALL ALUMINUM WIRE TEMINATIONS.

WIRE FROM GROUND ROD SHOULD TERMINATE ON GROUNDED BAR IN THE SERVICE PANEL ON POLE.

GROUNDED BAR IN SERVICE PANEL MUST BE BONDED TO THE SERVICE PANEL (GREEN SCREW).

BACK FED BREAKERS MUST BE SECURED WITH SCREW OR STRAP. CHECK YOUR PANEL LABELS FOR DETAILS.

USE ONLY ELECTRICAL PIPE FITTINGS

IF YOU HAVE ANY QUESTIONS ABOUT THE ABOVE REQUIREMENTS, PLEASE CONTACT:

MECOSTA TOWNSHIP BUILDING DEPARTMENT
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- AT LEAST 1 RECEPTACLE OUTLET SHALL BE INSTALLED IN BASEMENT AND MUST BE G.F.C.I. PROTECTED.

ALL RECEPTACLES INSTALLED IN GARAGES SHALL HAVE GROUND-FAULT PROTECTION (G.F.C.I.)

- **OUTDOOR OUTLETS** – WEATHERPROOF OUTLETS ACCESSIBLE AT GRADE LEVEL SHALL BE INSTALLED AT THE FRONT AND THE BACK OF THE DWELLING AND MUST HAVE GROUND-FAULT PROTECTION. (G.F.C.I.)

ELECTRICAL INSPECTIONS

- **SERVICE**: THE POWER COMPANY IS NOTIFIED THE NEXT DAY
- **ROUGH IN**: BEFORE COVERING ANY WIRING.
- **FINAL INSPECTION**: AFTER ALL WIRING IS COMPLETED AND INCLUDES THE HANGING OF ALL THE FIXTURES AND COVER PLATES.

MANUFACTURE HOUSING INSTALLED ON WALK OUT BASEMENT

1. ONE OUTSIDE LIGHTING AT DOOR
2. ONE LIGHTING FIXTURE MIN. INSIDE SW AT DOOR
3. ONE OUTLET G.F.I. PROTECTED
4. INSIDE LIGHTING AT OR NEAR EQUIPMENT

TO BE SERVICED AS ELECTRICAL SERVICE – WATER WELL – FURNACE IF REQUIRED OUTLET ON BACK OF HOUSE IS NOT ACCESSIBLE AT GRADE LEVEL THEN ONE MUST BE INSTALLED AT DOOR.

- METAL BOXES MUST BE GROUNDED.
- JUNCTION BOXES SHALL BE ACCESSIBLE WITHOUT REMOVING ANY PART OF THE BUILDING.

SMOKE DETECTORS – ARE REQUIRED IN ALL BEDROOMS, EACH FLOOR LEVEL, INCLUDING BASEMENT. DETECTORS SHALL BE ELECTRICALLY WIRED WITH 14-3 ROMEX, SO THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL ALARMS. DETECTORS MUST HAVE BATTERY BACK UP.

- 2 OR MORE 20-AMP CIRCUITS MUST BE INSTALLED FOR THE KITCHEN RECEPTACLE OUTLETS (SMALL APPLIANCE) AND ALSO, ALL COUNTERTOP OUTLETS MUST BE GFCI PROTECTED.
- 20 – AMP CIRCUIT IS REQUIRED FOR THE DINING ROOM OUTLETS.
- SEPARATE 20 – AMP CIRCUIT FOR BATHROOM OUTLETS.

- SEPARATE CIRCUIT IS REQUIRED FOR FURNACE AND ASLO, MUST HAVE DISCONNECT MEANS S/P SWITCH.
- SEPARATE CIRCUIT IS REQUIRED FOR FUNACE AND ALSO, MUST HAVE DISCONNECT MEANS S/P SWITCH. MAY NEED TO BE OVER CURRENT PROTECTION PER INSTRUCTION ON FURNACE.
- A WALL SWITCH AT EACH FLOOR LEVEL TO CONTROL THE LIGHT WHERE THERE ARE 6 STEPS OR MORE.
- SEPARATE 20 – AMP CIRCUIT FOR REFRIGERATOR.
- SEPARATE CIRCUITS ARE RECOMMENDED FOR DISPOSAL, MICROWAVES, SUMP PUMPS AND DISHWASHERS.
- WATER PUMP SEPARATE CIRCUIT IS REQUIRED AND MUST HAVE MEANS OF DISCONNECT 2/ POLE 240 V SWITCH AND WIRE PROTECTION. MAY NEED OVER CURRENT PROTECTION PER INSTRUCTION W/ PUMP.
- RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6’ (MEASURED HORIZONTALLY) FROM AN OUTLET IN THAT SPACE. THIS INCLUDES ANY WALL SPACE 2’ OR MORE IN WIDTH AND THE WALL SPACE WITH SLIDING PANELS IN EXTERIOR WALLS. OUTLETS SHOULD BE SPACED AS EQUALLY APART AS POSSIBLE.
- YOU MUST HAVE AT LEAST 6” OF SLACK WIRE AT EACH OUTLET AND SWITCH POINT.
- AT LEAST 1 LIGHTING OUTLET SHALL BE INSTALLED IN ATTIC, UNDER FLOOR SPACE, UTILITY ROOM AND BASEMENT, IF THESE SPACES ARE USED FOR STORAGE OR CONTAINING EQUIPMENT REQUIRING SERVICING. ALSO AT OR NEAR EQUIPMENT TO BE SERVICED.
- AT LEAST ONE WALL RECEPTACLE OUTLET SHALL BE INSTALLED IN THE BATHROOM ADJACENT TO THE BASIN LOCATION.

<p>ALL RECEPTACLES INSTALLED IN BATHROOMS SHALL HAVE GROUND-FAULT PROTECTION. (G.F.C.I.)</p>
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- AT LEAST 1 WALL SWITCH-CONTROLLED LIGHTING OUTLET SHALL BE INSTALLED IN EACH HABITABLE ROOM, IN BATHROOMS, HALLWAYS, STAIRWAYS, AND ATTACHED GARAGES AND AT OUTDOOR ENTRANCES.
- FIXTURES IN CLOSET: THE CLEARANCE BETWEEN THE FIXTURE AND A STORAGE AREA WHERE COMBUSTABLE MATERIAL MAY BE STORED SHALL BE AT LEAST 18”. A FLUSH RECESSED FIXTURE WITH A SOLID LENS OR A CEILING MOUNTED FLUORESCENT SHALL HAVE A MINIMUM OF 6” CLEARANCE.