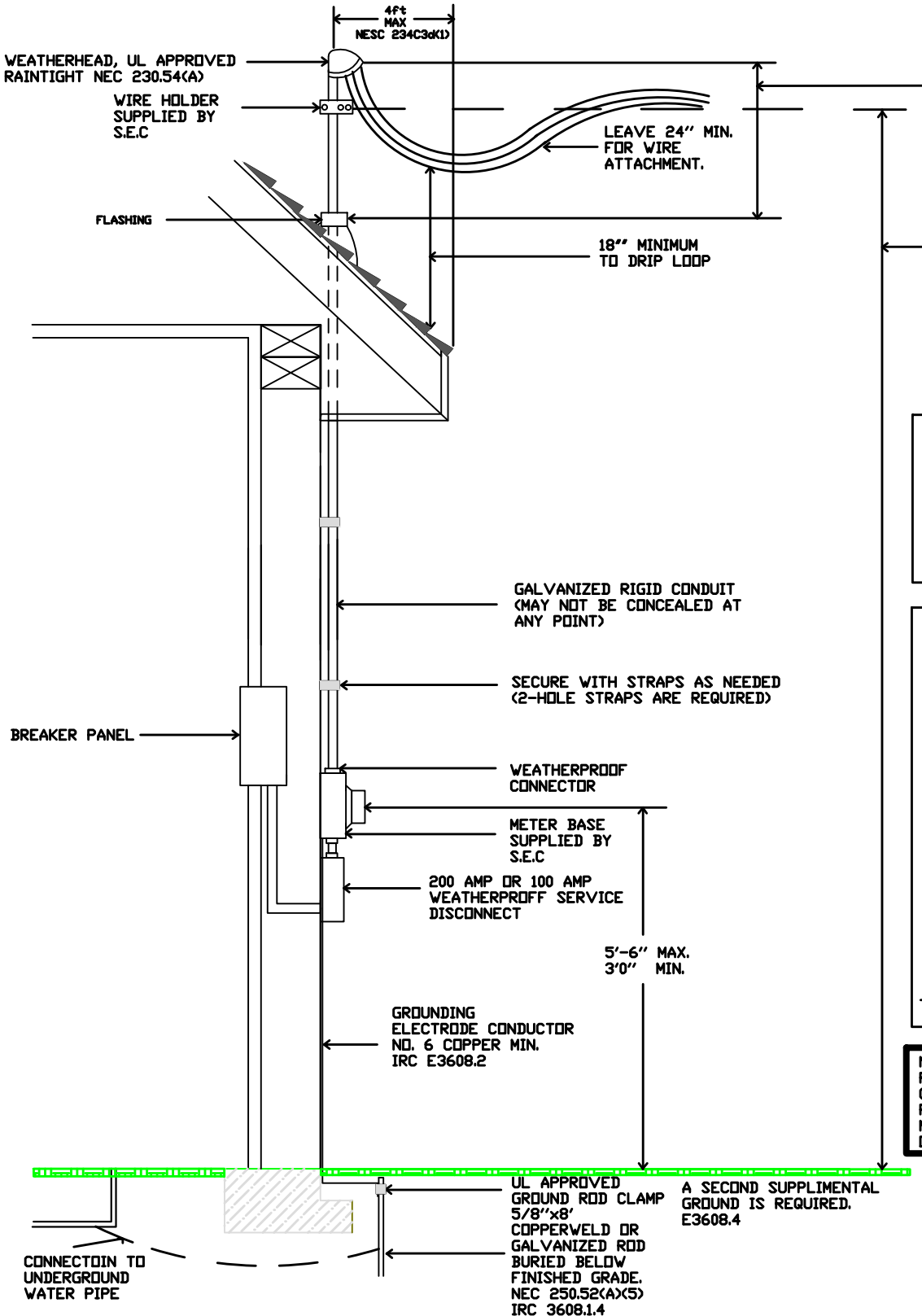


OVERHEAD SERVICE

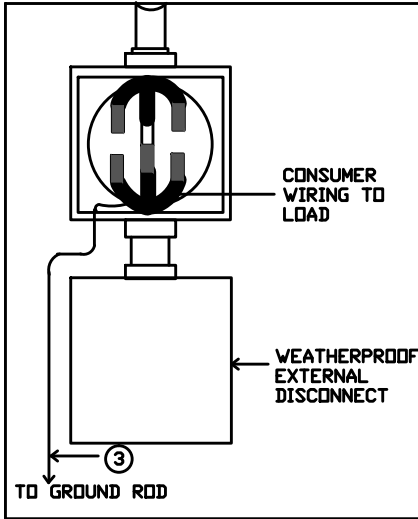
THIS INSTALLATION MAY BE USED ON MOBILE HOMES



Recommended Mast height 3ft. Wire must maintain at least 18' of clearance above roof for the first 6' from mast and 3' outside of 6' from mast. NESC 234C3d(1) ; NEC 230.24 (A) ; IRC E3604.1

RECOMMENDED GROUND CLEARANCE FOR CABLE IS 16'. THIS MAY BE REDUCED TO 12' FOR PEDESTRIAN AND RESTRICTED TRAFFIC ONLY. 10FT AT BUILDING MEASURED FROM FINAL GRADE OR OTHER ACCESSIBLE SURFACES. (SEE NESC TABLE 232-1) ; NEC 230.24(B)(2) ; IRC E3604.2.2

NOTE: LOCATION OF METER TO BE APPROVED BY COOPERATIVE BEFORE INSTALLATION. ALL METER BASES ARE TO BE SURFACE MOUNTED, LEVEL AND PLUMB. ONLY ONE SET OF SERVICE ENTRANCE CONDUCTORS TO BE TERMINATED IN METER BASE UNLESS APPROVED BY S.E.C. PRIOR TO INSTALLATION.

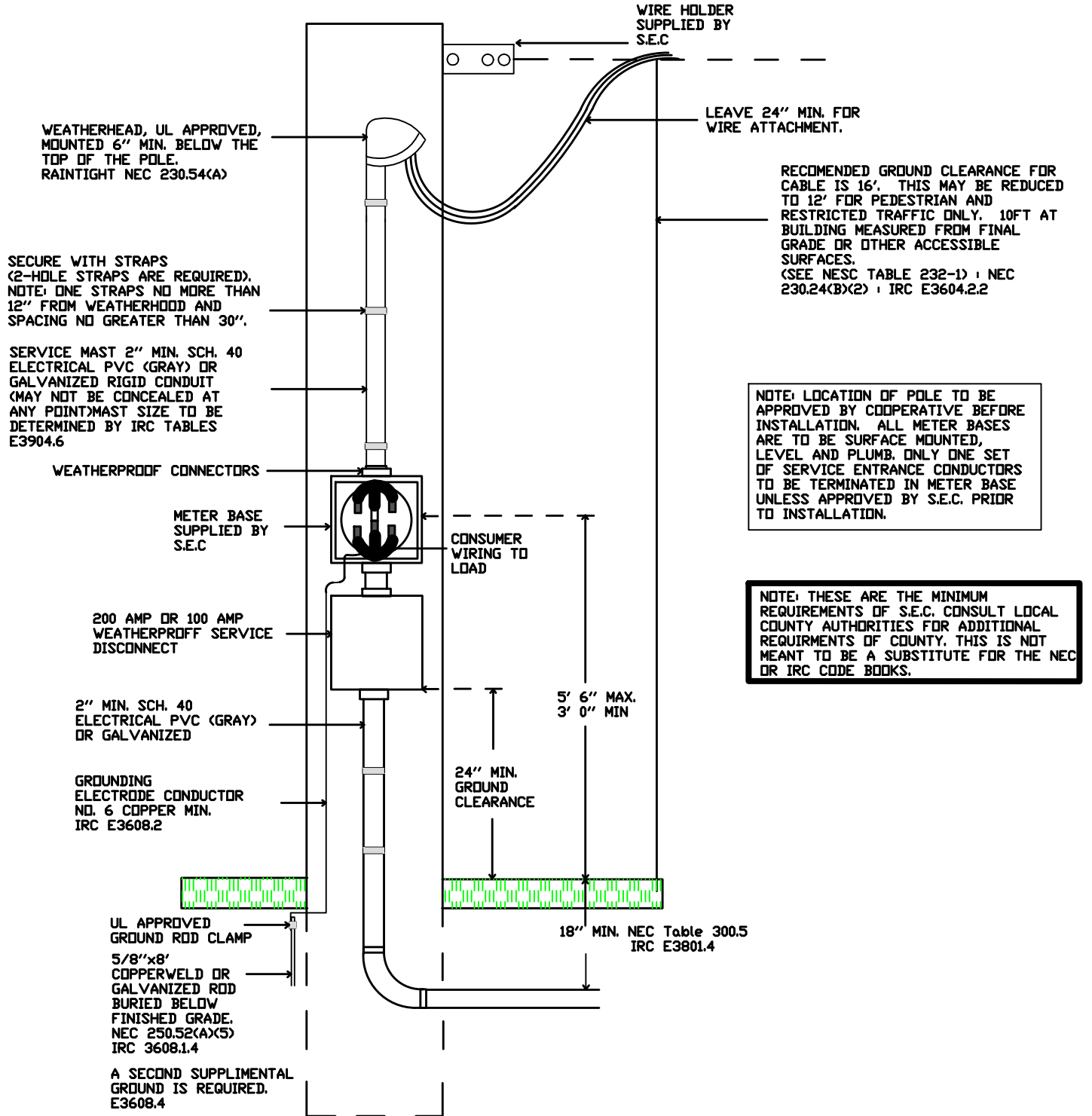


NOTE: THESE ARE THE MINIMUM REQUIREMENTS OF S.E.C. CONSULT LOCAL COUNTY AUTHORITIES FOR ADDITIONAL REQUIREMENTS OF COUNTY. THIS IS NOT MEANT TO BE A SUBSTITUTE FOR THE NEC OR IRC CODE BOOKS.

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OVERHEAD INSTALLATION

FOR MOBILE HOMES OR OTHER FREE STANDING SERVICES



CUSTOMER POLE MUST BE 6" X 6" TREATED MIN, UTILITY TYPE POLE IS PREFERRED, SET 4' MIN. IN THE GROUND WITH A 5' MIN DIAMETER AT THE POINT OF ATTACHMENT AND ABLE TO SUPPORT A SERVICEMAN ON A LADDER. POLE HEIGHT MUST TAKE INTO CONSIDERATION THE SAG OF THE SERVICE CABLE FOR GROUND CLEARANCE, GENERALLY 1' TO 2' ADDITIONAL. MIN. POLE HEIGHT IS 12' 6" FROM FINALL GRADE

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OVERHEAD INSTALLATION

DIAGRAM OS #3

FOR MOBILE HOMES OR OTHER FREE STANDING SERVICES

RECOMMENDED GROUND CLEARANCE FOR CABLE IS 16'. THIS MAY BE REDUCED TO 12' FOR PEDESTRIAN AND RESTRICTED TRAFFIC ONLY. 10FT AT BUILDING MEASURED FROM FINAL GRADE OR OTHER ACCESSIBLE SURFACES. (SEE NESC TABLE 232-1) ; NEC 230.24(B)(2) ; IRC E3604.2.2

LEAVE 24" MIN. FOR WIRE ATTACHMENT.

WIRE HOLDER SUPPLIED BY S.E.C.

WEATHERHEAD, UL APPROVED, MOUNTED 6" MIN. BELOW THE TOP OF THE POLE. RAIN TIGHT NEC 230.54(A)

SERVICE MAST 2" MIN. SCH. 40 ELECTRICAL PVC (GRAY) OR GALVANIZED RIGID CONDUIT (MAY NOT BE CONCEALED AT ANY POINT) MAST SIZE TO BE DETERMINED BY IRC TABLES E3904.6

SECURE WITH STRAPS (2-HOLE STRAPS ARE REQUIRED). NOTE: ONE STRAP NO MORE THAN 12" FROM WEATHERHEAD AND SPACING NO GREATER THAN 30".

NOTE: LOCATION OF POLE TO BE APPROVED BY COOPERATIVE BEFORE INSTALLATION. ALL METER BASES ARE TO BE SURFACE MOUNTED, LEVEL AND PLUMB. ONLY ONE SET OF SERVICE ENTRANCE CONDUCTORS TO BE TERMINATED IN METER BASE UNLESS APPROVED BY S.E.C. PRIOR TO INSTALLATION.

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WEATHERPROOF CONNECTORS

METER BASE SUPPLIED BY S.E.C.

200 AMP OR 100 AMP WEATHERPROOF SERVICE DISCONNECT

5' 6" MAX.
3' 0" MIN

24" MIN. GROUND CLEARANCE

2" MIN. SCH. 40 ELECTRICAL PVC (GRAY) OR GALVANIZED

GROUNDING ELECTRODE CONDUCTOR NO. 6 COPPER MIN. IRC E3608.2

18" MIN. NEC Table 300.5 IRC E3801.4

TO GROUND ROD

UL APPROVED GROUND ROD CLAMP

5/8"x8' COPPERWELD OR GALVANIZED ROD BURIED BELOW FINISHED GRADE. NEC 250.52(A)(5) IRC 3608.1.4

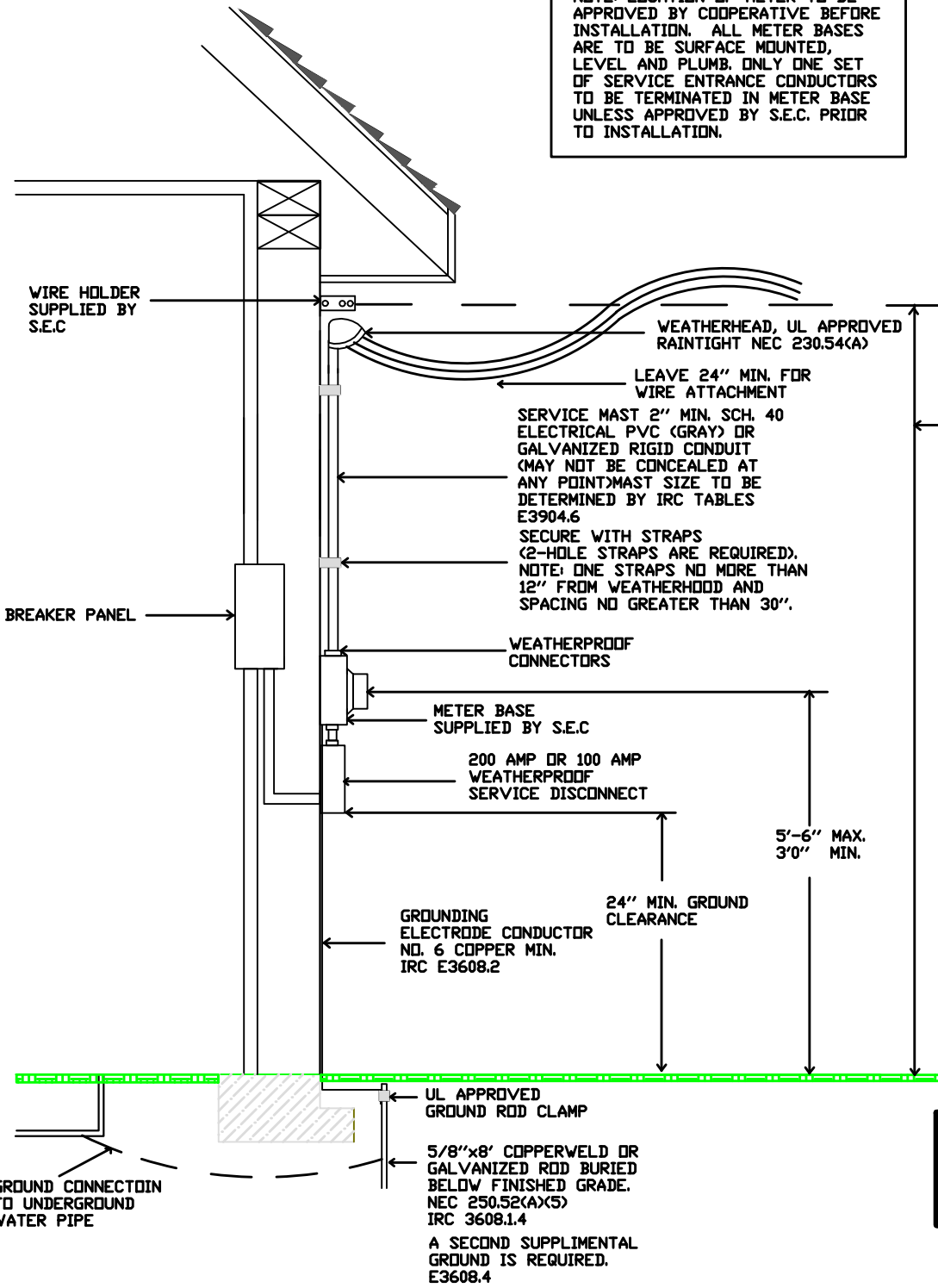
A SECOND SUPPLEMENTAL GROUND IS REQUIRED. E3608.4

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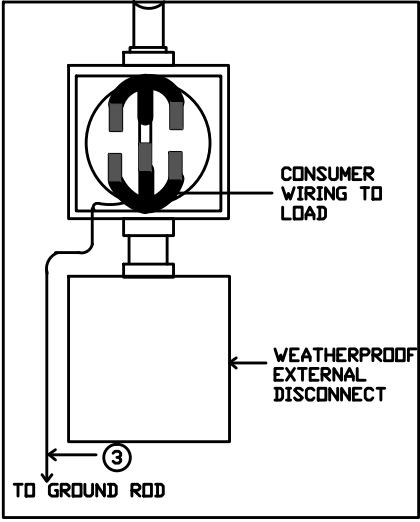
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OVERHEAD SERVICE (NO MOBILE HOMES) METER INSTALLATION ON BUILDINGS WITH SUFFICIENT CLEARANCES

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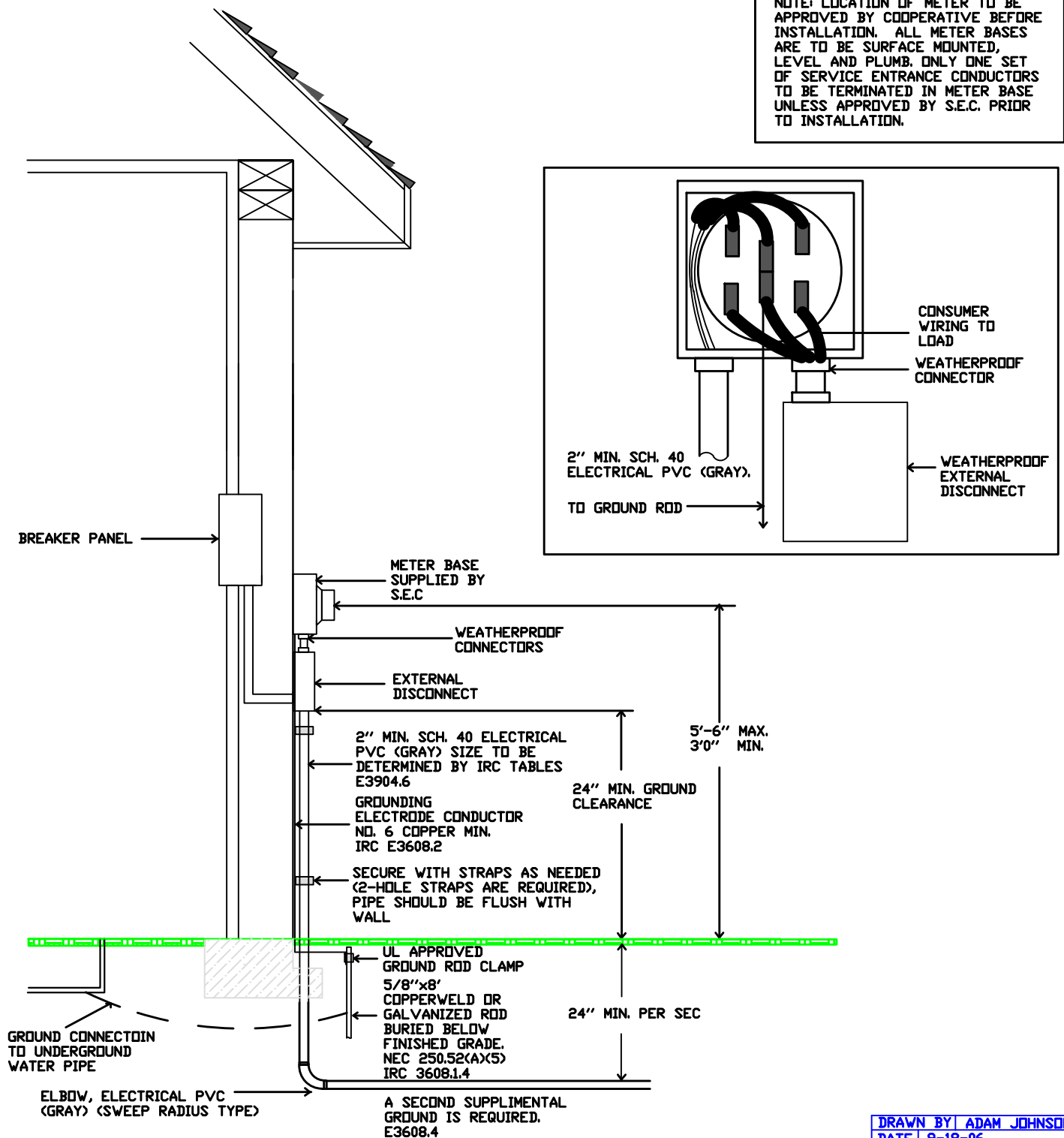


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UNDERGROUND SERVICE

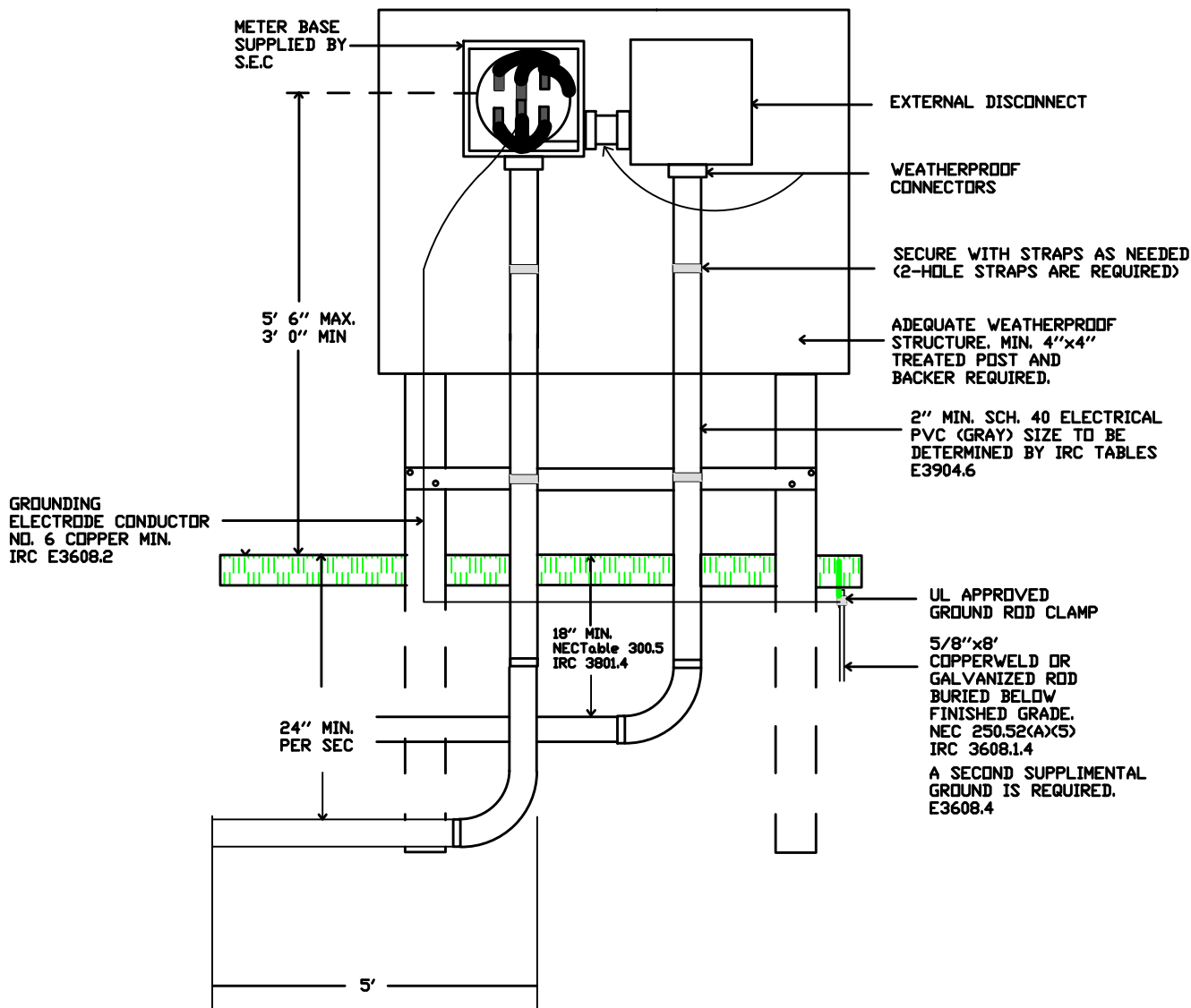
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UNDERGROUND INSTALLATION

FOR MOBILE HOMES OR OTHER RESIDENCES

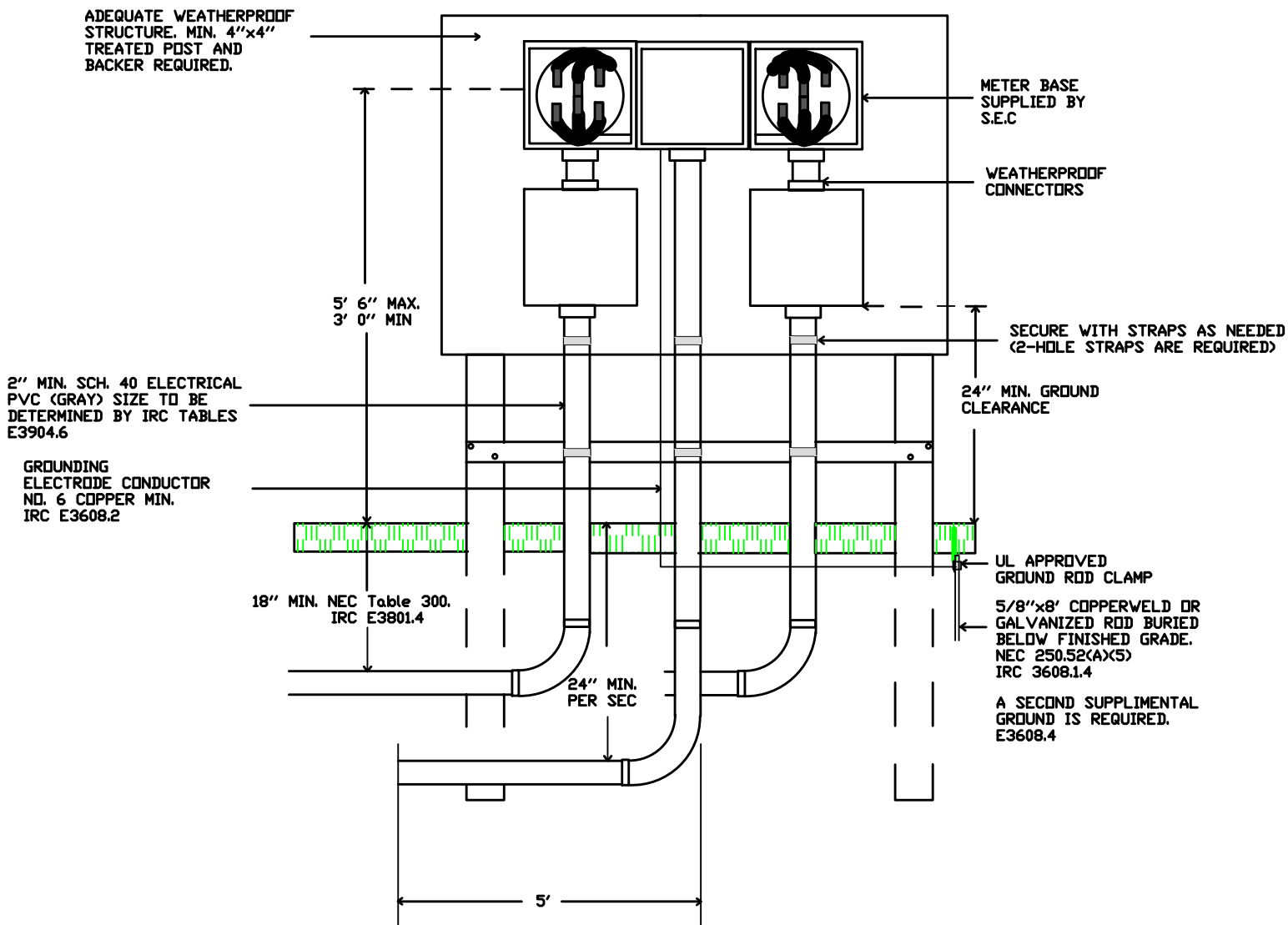


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UNDERGROUND INSTALLATION

FOR MOBILE HOMES OR OTHER RESIDENCES



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