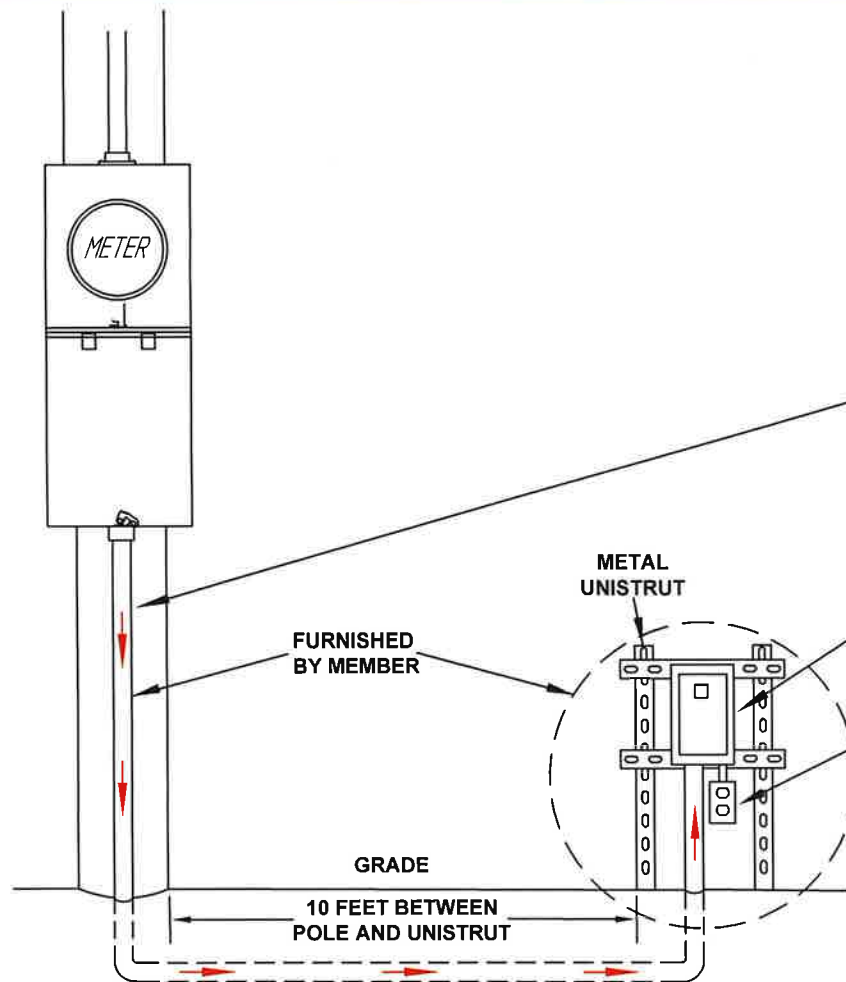


WEATHERPROOF DISCONNECT SPECIFICATIONS



YOU WILL NEED TO INSTALL THE FOLLOWING WEATHERPROOF PANEL PRIOR TO **BREC** CONNECTING YOUR ELECTRICAL EQUIPMENT.

ELECTRICAL CONDUIT (SIZED TO MATCH WIRE) FASTENED AT BOTH ENDS WITH LOCK RINGS AND SMOOTH BUSHINGS. A GROUNDING BUSHING IS RECOMMENDED ON METAL CONDUIT.

WEATHERPROOF PANEL - MINIMUM SIZE IS 30 AMP. INDIVIDUAL BREAKER(S) TO MATCH OUTGOING CIRCUITS.

WEATHERPROOF RECEPTACLE WITH COVERS - THE RECEPTACLE AMPERAGE RATING SHOULD MATCH THE WIRE SIZE AND BREAKER SIZE THAT IS SERVING IT. THE RECEPTACLE SHOULD BE CONNECTED TO THE PANEL WITH CONDUIT USING LOCK RINGS AND SMOOTH BUSHINGS.

NUMBER OF WIRES IN CONDUIT WILL NOT EXCEED NEC LIMITS.



BLACK RIVER ELECTRIC COOP

2600 HIGHWAY 67
FREDERICKTOWN, MO 63645

CONDUIT SIZE CHART

WIRE SIZE	12	10	8	6	4	1	1/0	2/0	4/0	250
CONDUIT SIZE	1 1/2"	1 1/2"	1 1/2"	3/4"	1"	1-1/4"	1-1/2"	1-1/2"	2"	2"

WIRE SIZE CHART

PANEL RATING	WIRE SIZE	
AMPERAGE	COPPER	ALUMINUM
30	10	--
40	8	--
60	6	4
100	4	2
125	2	1/0
150	1/0	2/0
200	2/0	4/0

WEATHERPROOF DISCONNECT SPECIFICATIONS

DRAWN: R.A.
DATE: 9/4/15

CHECKED: D.B.
DATE: 9/18/15

APPROVED: P.M.
DATE: 9/30/15

REV 3

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
2	ADD 'FURNISHED BY MEMBER' NOTATION	8/26/24	DB
3	MOVED DISC OFF POLE ONTO UNISTRUT FIXTURE	8/8/25	DB
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