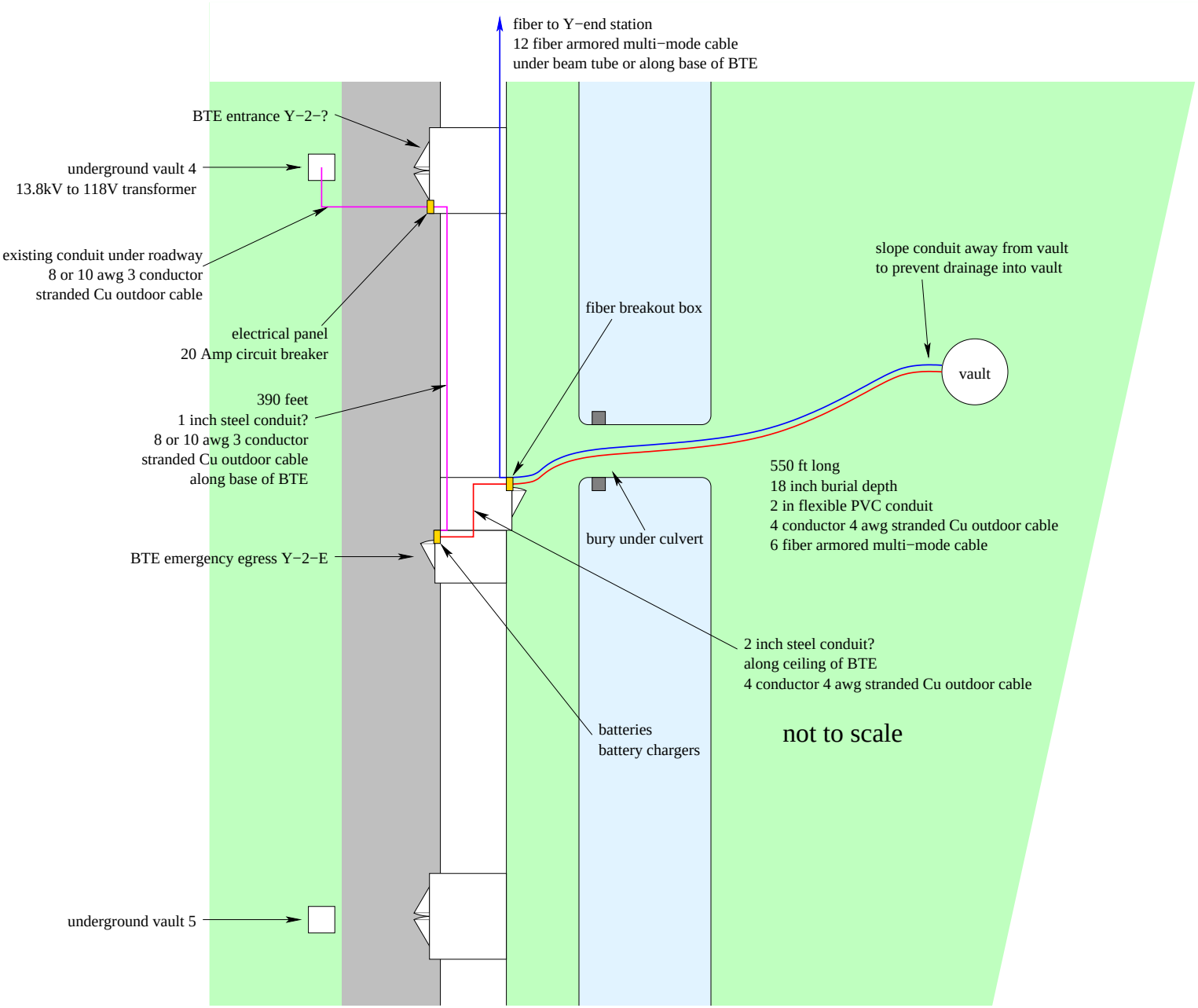
fiber to Y−end station
12 fiber armored multi−mode cable
under beam tube or along base of BTE
BTE entrance Y−2−?
underground vault 4
13.8kV to 118V transformer
existing conduit under roadway
8 or 10 awg 3 conductor
stranded Cu outdoor cable
electrical panel
20 Amp circuit breaker
390 feet
1 inch steel conduit?
8 or 10 awg 3 conductor
stranded Cu outdoor cable
along base of BTE
BTE emergency egress Y−2−E
underground vault 5
fiber breakout box
slope conduit away from vault
to prevent drainage into vault
vault
550 ft long
18 inch burial depth
2 in flexible PVC conduit
4 conductor 4 awg stranded Cu outdoor cable
6 fiber armored multi−mode cable
bury under culvert
2 inch steel conduit?
along ceiling of BTE
4 conductor 4 awg stranded Cu outdoor cable
batteries
battery chargers
not to scale