

BOSTON SCIENTIFIC, MG
BORE 2 RUNS OF 6 IN CONDUIT,
PULL CABLE & SET 4 -277/480
2000KVA PADMOUNT
TRANSFORMERS.

ECK322 - (4/4) 34.5KV
ECK341 WHEN BUILT
PG. 1

CABLE PULLING
 Pull first run approx. 400' of 1/0AL 34.5KV 3PH cable from splice pit to existing primary to be spliced.
 Pull second run approx. 650' of 1/0AL 34.5KV 3PH cable from splice pit to customer pipe on backside of transformer bank wall on west side of Scimed Blvd.

CABLE PULLING
 Pull approx. 330' between splices. Splice at base of retaining wall.

CABLE PULLING
 Pull cable through customer installed pad between splice at the wall and the 4 new transformers.

Directional Bore
 Bore approx. 2,115ft of 6 in. conduit from K53075F05 to splice location into existing 1/0AL 34.5KV cable.
 Bore approx. 2,285ft of 6 in. conduit from K53075F06 to customer installed conduit located behind the wall of new transformers on west side of Scimed Blvd.

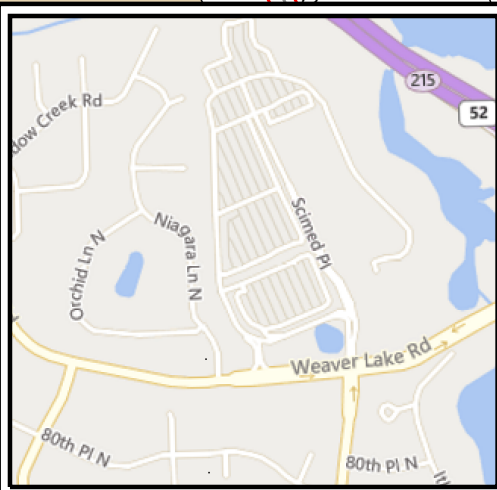
CABLE PULLING
 Pull 650' of 1/0AL 34.5KV 3PH cable between splice pits.

CABLE PULLING
 PULL 650' of 1/0AL 34.5KV 3PH cable from VFI-9 to splice pit.

Splice into existing 750AL and set new 34.5KV VFI-9 K52075L05. Fuse with 200E's.
 91-ECK322
 92-ECK322
 K52075F05 N.O.
 K52075F06 N.O.
 This will become part of ECK341

Restoration
 Restore grassy and asphalt areas at splice locations and at VFI-9 install K52075L05.

NOTE
 SEE PG. 2 FOR TRANSFORMER SKETCH



Designer-
John Pfothenauer
612-963-3804

Work Order Information	
Service Request #	:
Design Number	: 000001054072
Designer/Planner ID	: pftj01
Designer/Planner Name	: Pfothenauer, John
Designer/Planner Ph #	: (612) 963-3804
Manager Approval	:

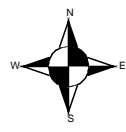
Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: HENNEPIN
City	: MAPLE GROVE
Address	: 4 SCIMED PL
T: 119N	R: 22W S: 21
Map #	: K52065 Permit :

Electric	
Feeder: ECK322	Voltage: 34.5 KV
Phase: ABC	Bkup Dev ID:

Gas	
System	: Pressure :
Size	: Material :
Dead End	:

Work Order # :
 Date: 01/06/2022
 Sketch: 1 Of 1 Sketch Data
 Scale: 1" equals 150'



CONSTRUCTION USE ONLY

NO CHANGES (BUILT AS DESIGNED)
 CHANGES MADE AS INDICATED
 (ALL URD MUST HAVE ACTUAL MEASUREMENTS FROM THE FIELD SITE)

RFO _____
 FOREMAN _____ DATE _____
 TEAM LEADER _____

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