

County Road 30 & new Rush Creek Blvd, Maple Grove
 Project Overview:
 Relocate ECK341 feeder cable and 1/0AL 3 phase tap cable.

WO# 111546582
 Sketch 1/4
 Access: Truck
 Feeder: ECK341



Adam Barthel
 C: 612-368-6427

Work Order Information	
Service Request #	: 000014360528
Design Number	: 000001162775
Designer/Planner ID	: 248845
Designer/Planner Name	:
Designer/Planner Ph #	: (000) 000-0000
Manager Approval	:

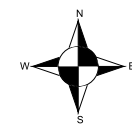
Joint Utility	
E:	G:
T:	C:

Design Location	
Division	: Maple Grove
County	: Hennepin
City	: Maple Grove
Address	:
T: 119N	R: 22W S: 7
Map # : K52011	Permit :

Electric	
Feeder:	Voltage:
Phase:	Bkup Dev ID:

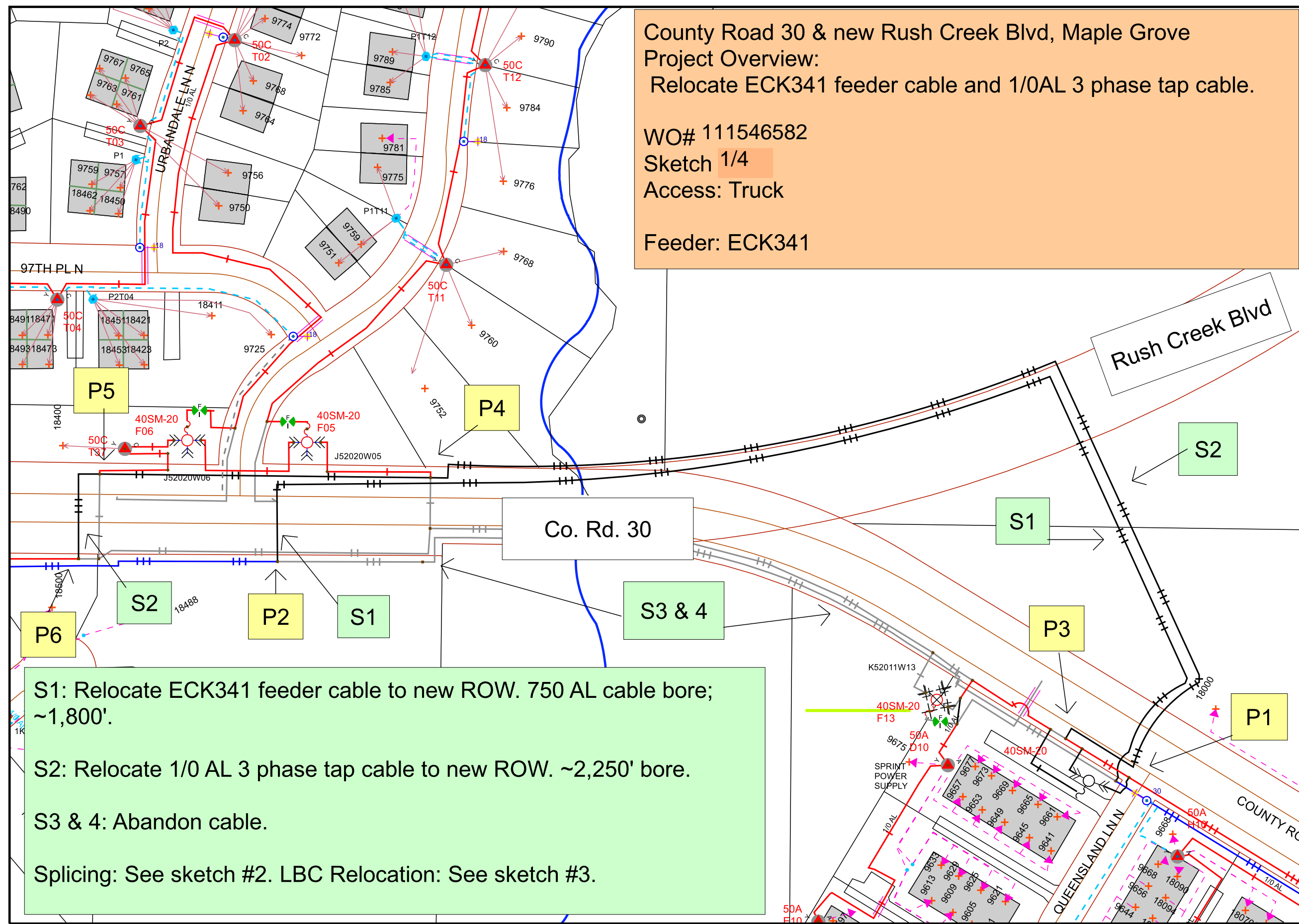
Gas	
System	: Pressure :
Size	: Material :
Dead End	:

Work Order # :
 Date: 03/20/2024
 Sketch: # Of # Sketch Data
 Scale: 1" equals 124'



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S1: Relocate ECK341 feeder cable to new ROW. 750 AL cable bore; ~1,800'.
 S2: Relocate 1/0 AL 3 phase tap cable to new ROW. ~2,250' bore.
 S3 & 4: Abandon cable.
 Splicing: See sketch #2. LBC Relocation: See sketch #3.

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P3: Splice into existing 3ph. 1/0 AL cable outside of new location for LBC "W13". Cable is under paved trail.

P4: Splice out "C" phase to feed LBC "W05".

P5: Splice out "C" phase to feed LBC "W06".

P6: Splice back into 3ph. 1/0 AL cable west of Troy Ln. Cable is under paved trail.

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Sketch 2/4

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Electric

Feeder: Voltage:
 Phase: Bkup Dev ID:

Gas

System : Pressure :
 Size : Material :

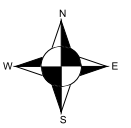
Dead End :

Work Order # :

Date: 03/20/2024

Sketch: # Of # Sketch Data

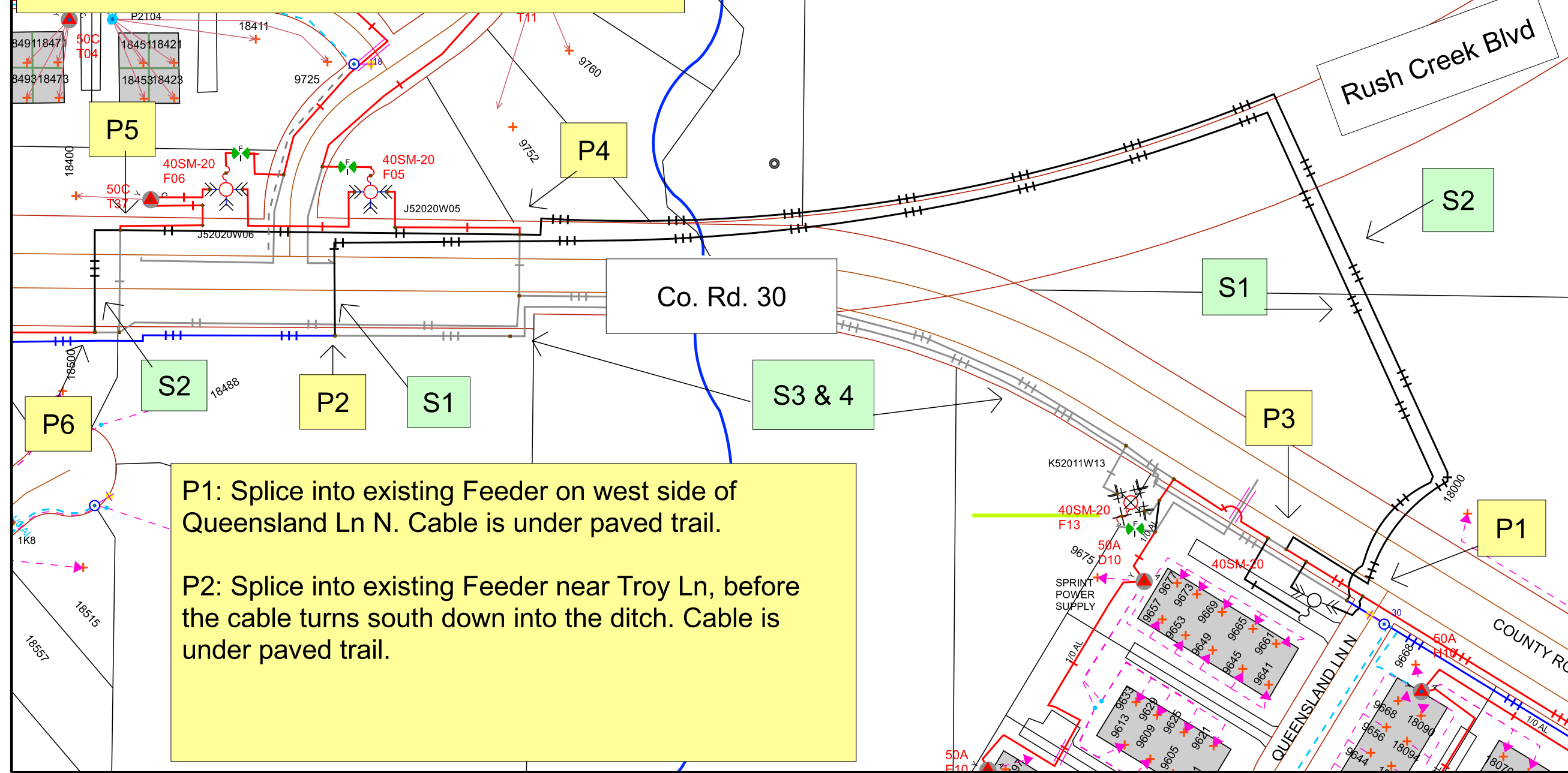
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P1: Splice into existing Feeder on west side of Queensland Ln N. Cable is under paved trail.
 P2: Splice into existing Feeder near Troy Ln, before the cable turns south down into the ditch. Cable is under paved trail.

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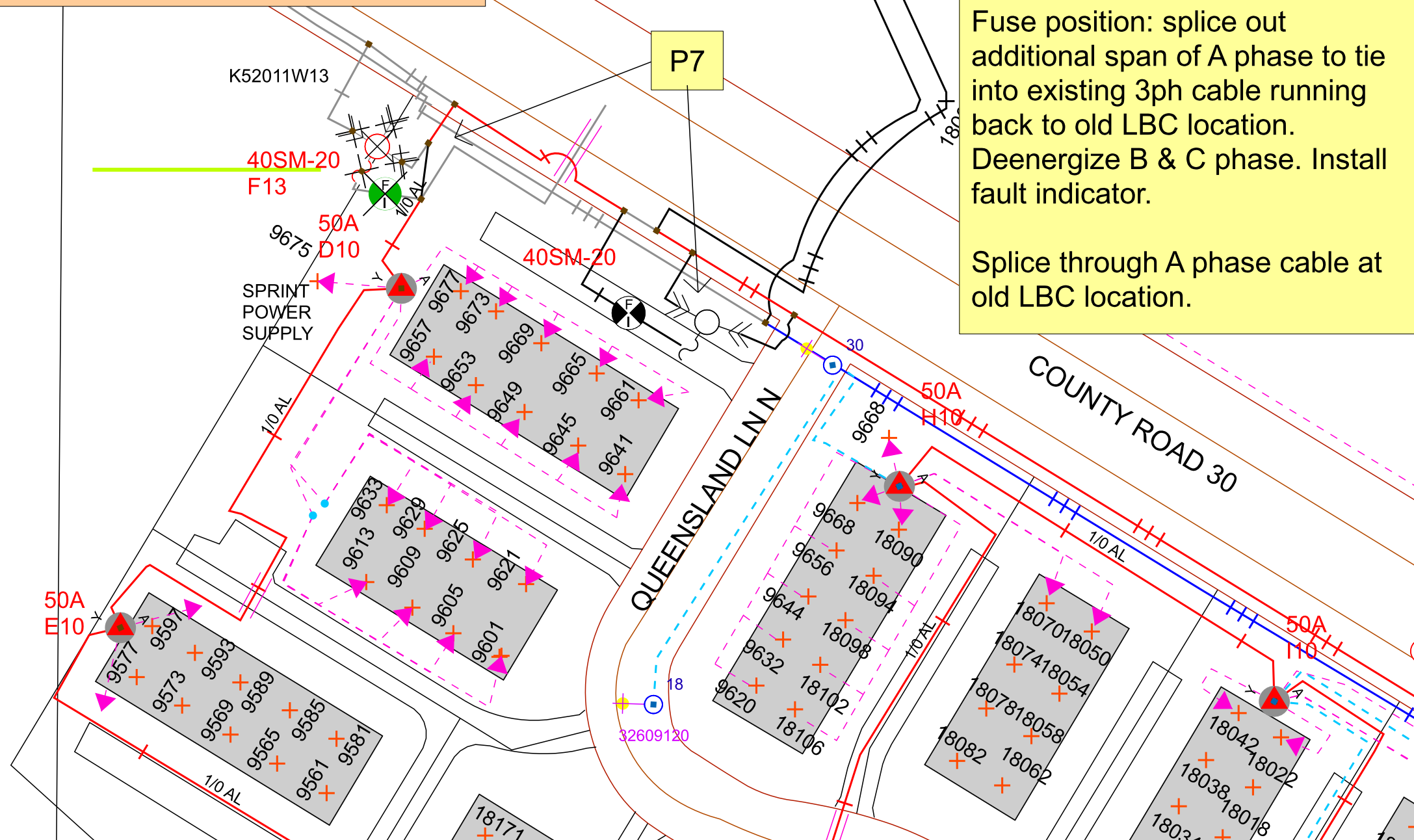
WO # 111546582
 Sketch 3/4
 Access: Truck
 Feeder: ECK341

P7: Relocate LBC "W13" closer to Queensland Ln N to maintain better truck acces. POI/stencil will remain the same. Can relocate existing cabinet if possible.

Splice into & out of existing 3 ph. cable to feed thru LBC.

Fuse position: splice out additional span of A phase to tie into existing 3ph cable running back to old LBC location. Deenergize B & C phase. Install fault indicator.

Splice through A phase cable at old LBC location.



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Phase:	Bkup Dev ID:

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

Work Order # :
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"After" sketch when LBC relocation is completed.



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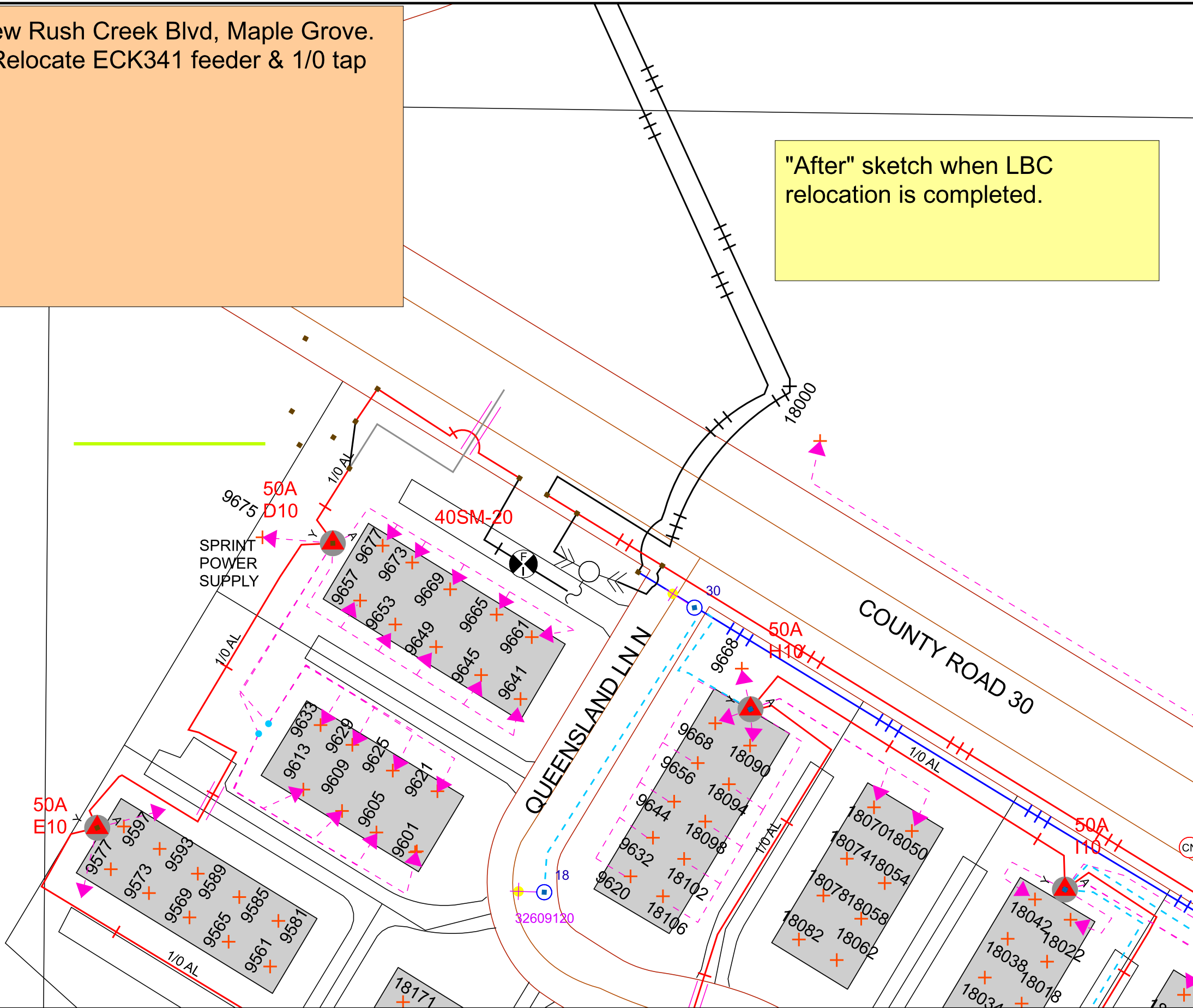
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