

**MAPLE GROVE POLICE GUN RANGE-
11370 89TH AVE N
UG RELOCATION - BORE NEW UG,
REMOVE EXISTING PADMOUNT & SET
NEW.**

OSS072 - 13.8 KV (1/2)

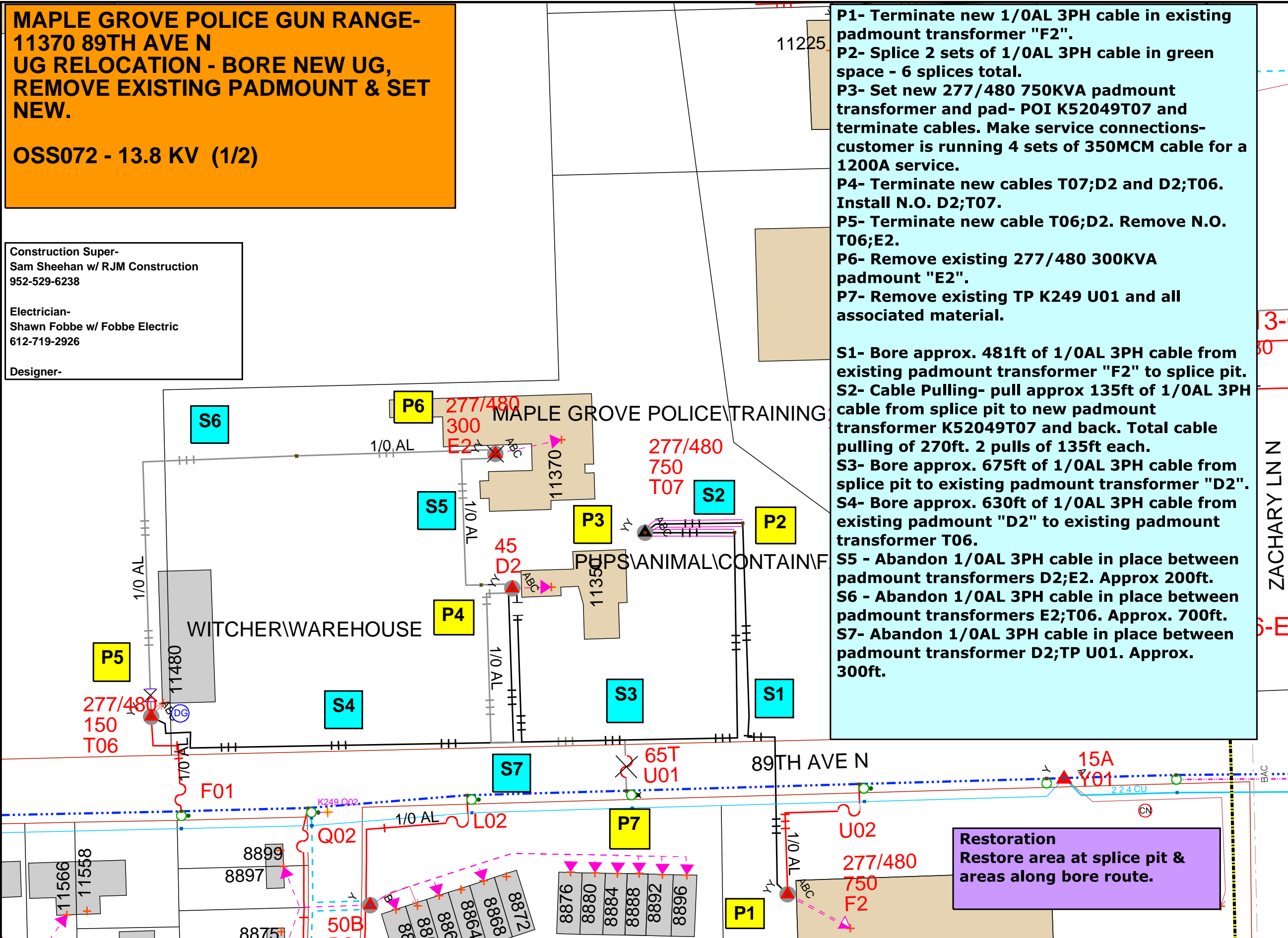
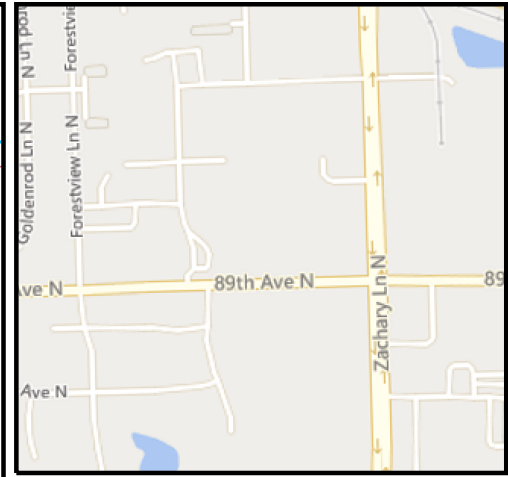
Construction Super-
Sam Sheehan w/ RJM Construction
952-529-6238

Electrician-
Shawn Fobbe w/ Fobbe Electric
612-719-2926

Designer-

- P1- Terminate new 1/0AL 3PH cable in existing padmount transformer "F2".**
- P2- Splice 2 sets of 1/0AL 3PH cable in green space - 6 splices total.**
- P3- Set new 277/480 750KVA padmount transformer and pad- POI K52049T07 and terminate cables. Make service connections- customer is running 4 sets of 350MCM cable for a 1200A service.**
- P4- Terminate new cables T07;D2 and D2;T06. Install N.O. D2;T07.**
- P5- Terminate new cable T06;D2. Remove N.O. T06;E2.**
- P6- Remove existing 277/480 300KVA padmount "E2".**
- P7- Remove existing TP K249 U01 and all associated material.**

- S1- Bore approx. 481ft of 1/0AL 3PH cable from existing padmount transformer "F2" to splice pit.**
- S2- Cable Pulling- pull approx 135ft of 1/0AL 3PH cable from splice pit to new padmount transformer K52049T07 and back. Total cable pulling of 270ft. 2 pulls of 135ft each.**
- S3- Bore approx. 675ft of 1/0AL 3PH cable from splice pit to existing padmount transformer "D2".**
- S4- Bore approx. 630ft of 1/0AL 3PH cable from existing padmount "D2" to existing padmount transformer T06.**
- S5 - Abandon 1/0AL 3PH cable in place between padmount transformers D2;E2. Approx 200ft.**
- S6 - Abandon 1/0AL 3PH cable in place between padmount transformers E2;T06. Approx. 700ft.**
- S7- Abandon 1/0AL 3PH cable in place between padmount transformer D2;TP U01. Approx. 300ft.**



Work Order Information	
Service Request #	:
Design Number	: 000001086560
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	: 11370 89TH AVE N
T: 119N	R: 22W S: 14
Map #	: K52049
Permit	:

Electric	
Feeder: OSS072	Voltage: 13.8 KV
Phase: ABC	Bkup Dev ID:

Gas	
System	: Pressure
Size	: Material
Dead End	:

Work Order # :
Date: 08/19/2022
Sketch: 1 Of 1 Sketch Data
Scale: 1" equals 108'

- 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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