

**OSS064 REINFORCEMENT-  
PARALLEL OSS064 FROM BKR TO 1-OSS064  
REPLACE EXISTING 750AL WITH 500CU FS.**

**OSS064- 13.8KV (1/1)**



**Designer-  
John Pfothauer  
612-963-3804**

**Work Order Information**

Service Request #	:	
Design Number	:	000001054014
Designer/Planner ID	:	pfjt01
Designer/Planner Name	:	Pfothauer, 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	:	OSSEO SUB
T: 119N	R: 22W	S: 13
Map #	:	L52041
Permit	:	

**Electric**

Feeder: OSS064	Voltage: 13.8 KV
Phase: ABC	Bkup Dev ID:

**Gas**

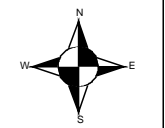
System	:	Pressure	:
Size	:	Material	:
Dead End	:		

Work Order # :

Date: 12/03/2021

Sketch: 1 Of 1 Sketch Data

Scale: 1" equals 97'



**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 \_\_\_\_\_

**P1- Terminate new 500CU FS parallel feed for OSS064 at BKR.**

**S1- Install parallel runs of 500CU FS between BKR and MH 4162 in OSSEO Sub. Remove existing 750 AL.**

**P2 - Extend parallel runs into MH 4162 and remove existing 750AL. Splice if needed.**

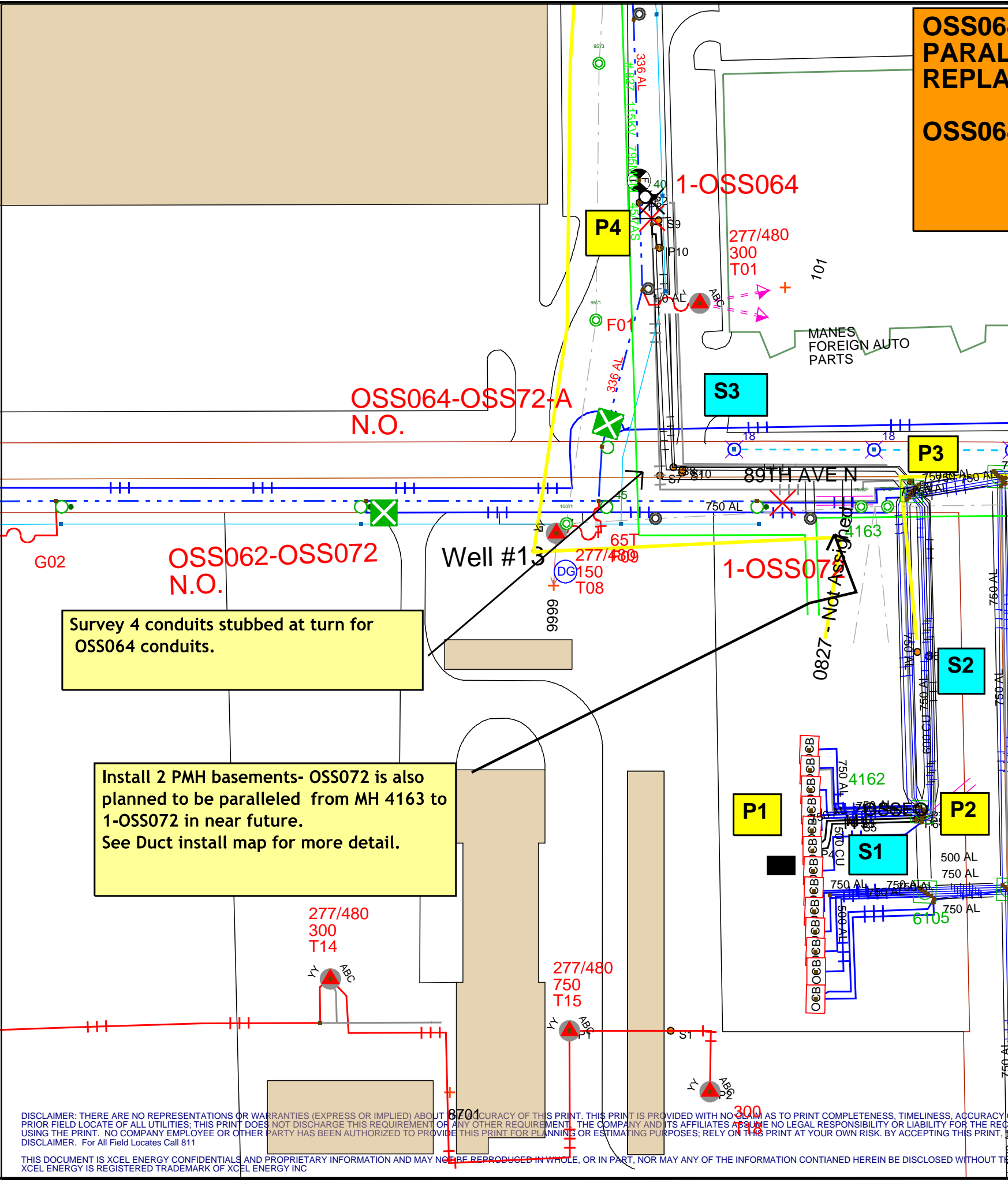
**S2- Pull parallel runs of 500CU FS between MH 4162 and MH4163. Approx. 296 ft each. Remove existing 750AL.**

**P3 - Extend parallel runs into MH 4163 and remove 750AL. Splice if needed.**

**S3- Install 12-way duct package out of MH 4163 and run to the west in the road. At approx. 150ft from MH 4163 run 6 of the conduits into Xcel property and set basements for future switch cabinets. At 285' west of MH 4163, turn 2 conduits north for OSS064. Cap the remaining 4 conduits and mark. Continue with the 2 OSS064 conduits to 1-OSS064.**

**Pull 568 ft of parallel 500CU FS cable from MH 4163 to 1-OSS064 pole. Abandon existing 750AL. SEE DUCT INSTALL MAP FOR DETAIL.**

**P4 - Replace existing 1-OSS064 and terminal pole. Install new 40'CL2 pole and build parallel feed terminal pole. Terminate parallel feeds and install fault indicators.**



**Survey 4 conduits stubbed at turn for OSS064 conduits.**

**Install 2 PMH basements- OSS072 is also planned to be paralleled from MH 4163 to 1-OSS072 in near future. See Duct install map for more detail.**

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