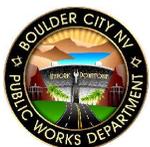


**REQUIRED INFORMATION:**

- A TYPE & SIZE OF CONDUCTORS FOR CONDUIT & SIZE OF CONDUIT \_\_\_\_\_
- B SIZE OF SERVICE & DESCRIPTION \_\_\_\_\_
- C SIZE OF SUB-PANEL & DESCRIPTION \_\_\_\_\_
- D GROUNDING ELECTRICAL \_\_\_\_\_

**NOTES:**

1. IDENTIFY LOCATION OF SERVICE ENTRANCE (UNDERGROUND OR OVERHEAD)
2. MANDATORY: PROVIDE ELECTRICAL LOAD CALCS FOR ALL PANELS
3. TYPE, SIZE AND DESCRIPTION



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**ENGINEERING  
DIVISION**

**STANDARD DRAWING  
ELECTRICAL REQUIREMENTS**

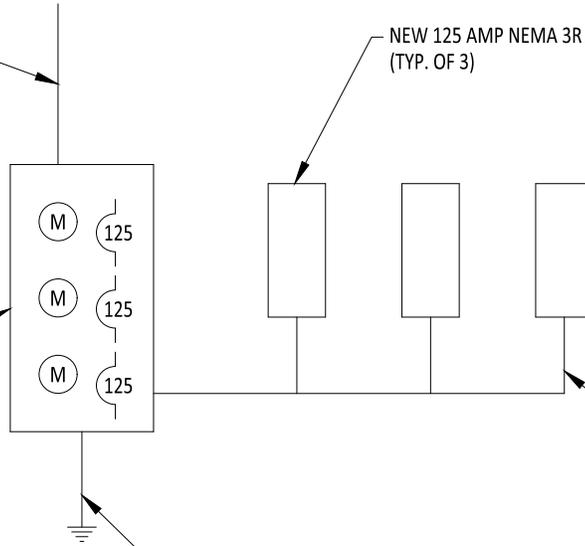
**ONE LINE DIAGRAM FOR NEW METER / MAIN SERVICE  
SERVICE 240 / 120 1Ø**

CREATED BY:  
**C. CROFT**  
ISSUE DATE:  
**12/10/15**  
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**1 OF 1**

3" RIGID CONDUIT W/  
6 - 250 MCM ALUMINUM  
CONDUCTORS

NEW 125 AMP NEMA 3R SUB-PANEL  
(TYP. OF 3)

3 METER / MAIN  
COMBO SERVICE

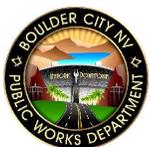


1 1/4" EMT W/ (3) #2 COPPER  
CONDUCTORS & (1) #8 GROUND  
(TYP. OF 3)

#2 COPPER GROUND  
TO 8' GROUND ROD

REQUIRED INFORMATION:

- 1. TYPE OF CONDUCTORS FOR CONDUIT \_\_\_\_\_
- 2. SIZE OF SERVICE \_\_\_\_\_
- 3. LOAD CALCULATION (1) \_\_\_\_\_
- 4. LOAD CALCULATION (2) \_\_\_\_\_
- 5. LOAD CALCULATION (3) \_\_\_\_\_



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**STANDARD DRAWING  
ELECTRICAL REQUIREMENTS**

**ONE LINE DIAGRAM FOR NEW 3 METER / MAIN SERVICE  
OVERHEAD SERVICE 240 / 120 1Ø**

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**C. CROFT**  
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**12/02/15**  
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