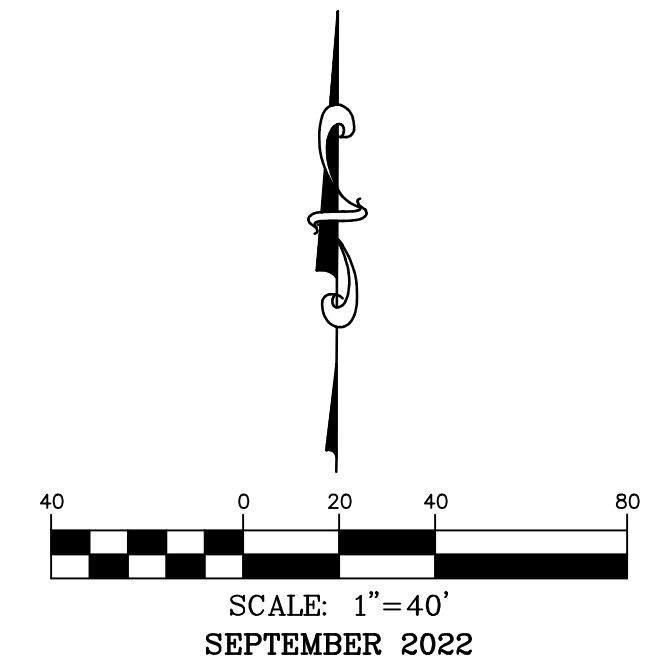


# UTILITY PLAN



**C3 INDUSTRIES**

**INDUSTRIES**

636-332-4574 (tel.)  
636-327-0760 (fax)  
www.motcall.com  
North Office  
8 East Main Street  
Wentzville, Missouri 63385

**COCHRAN**

Civil Engineering  
Land Surveying  
Architecture  
Site Development  
General Consulting  
Master Planning

Missouri State Certificate  
of Authority Number: 2010000046  
Cochran Project No. M20-8003C

DATE

Michael L. Hackmeister No. E-2017018980  
Registered Professional Engineer  
State of Missouri  
for Cochran Engineering & Surveying

**Developer Information**  
BLOOM MEDICALS OF MO CULTIVATION 1 LLC  
2082 SOUTH STATE STREET, ANN ARBOR, MI 48104  
(734)-323-1822

**Owner Information**  
BLOOM MEDICALS OF MO CULTIVATION 1 LLC  
2082 SOUTH STATE STREET, ANN ARBOR, MI 48104

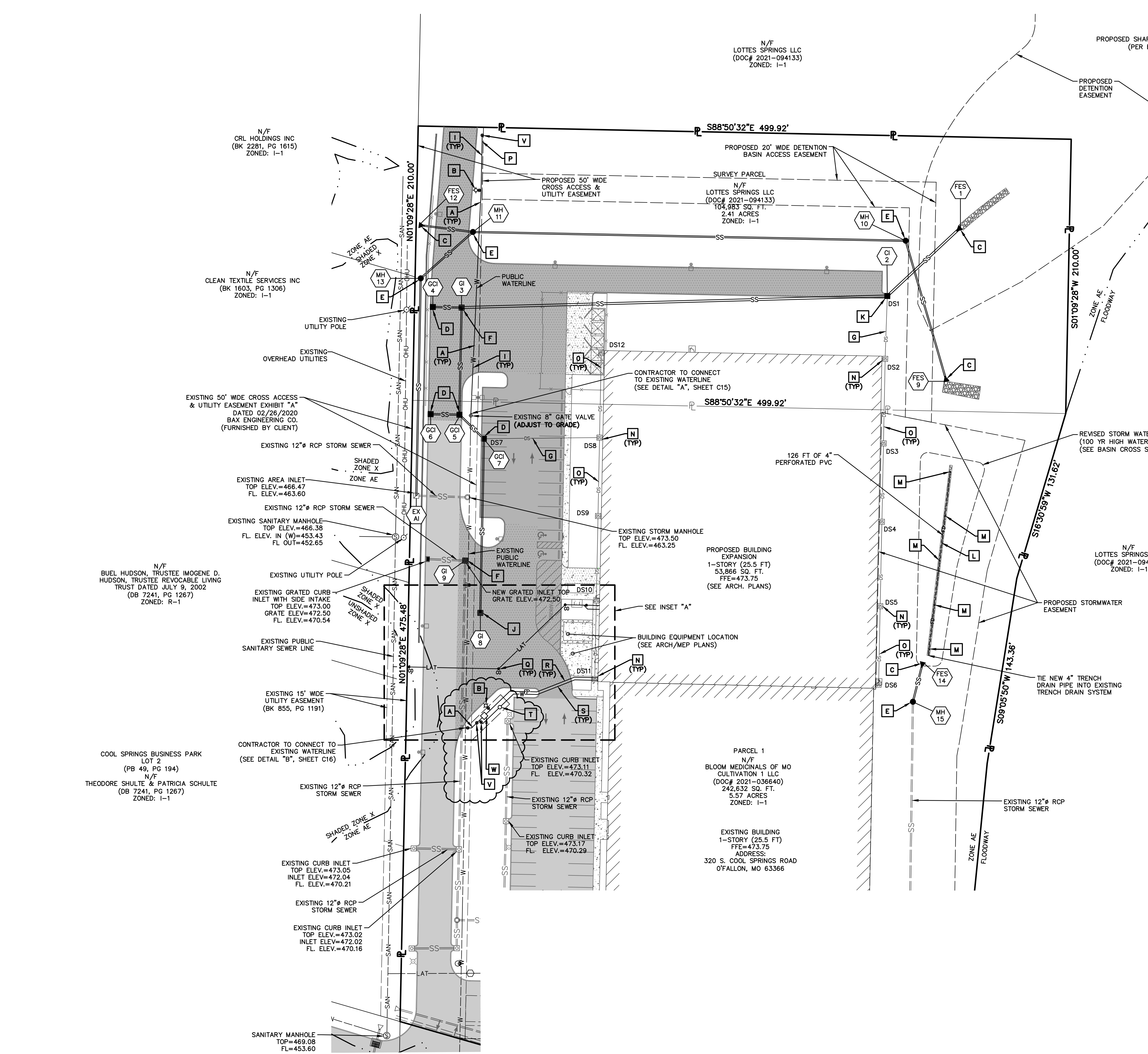
**Utility Plan**

P+Z No. 22-002935

City No.

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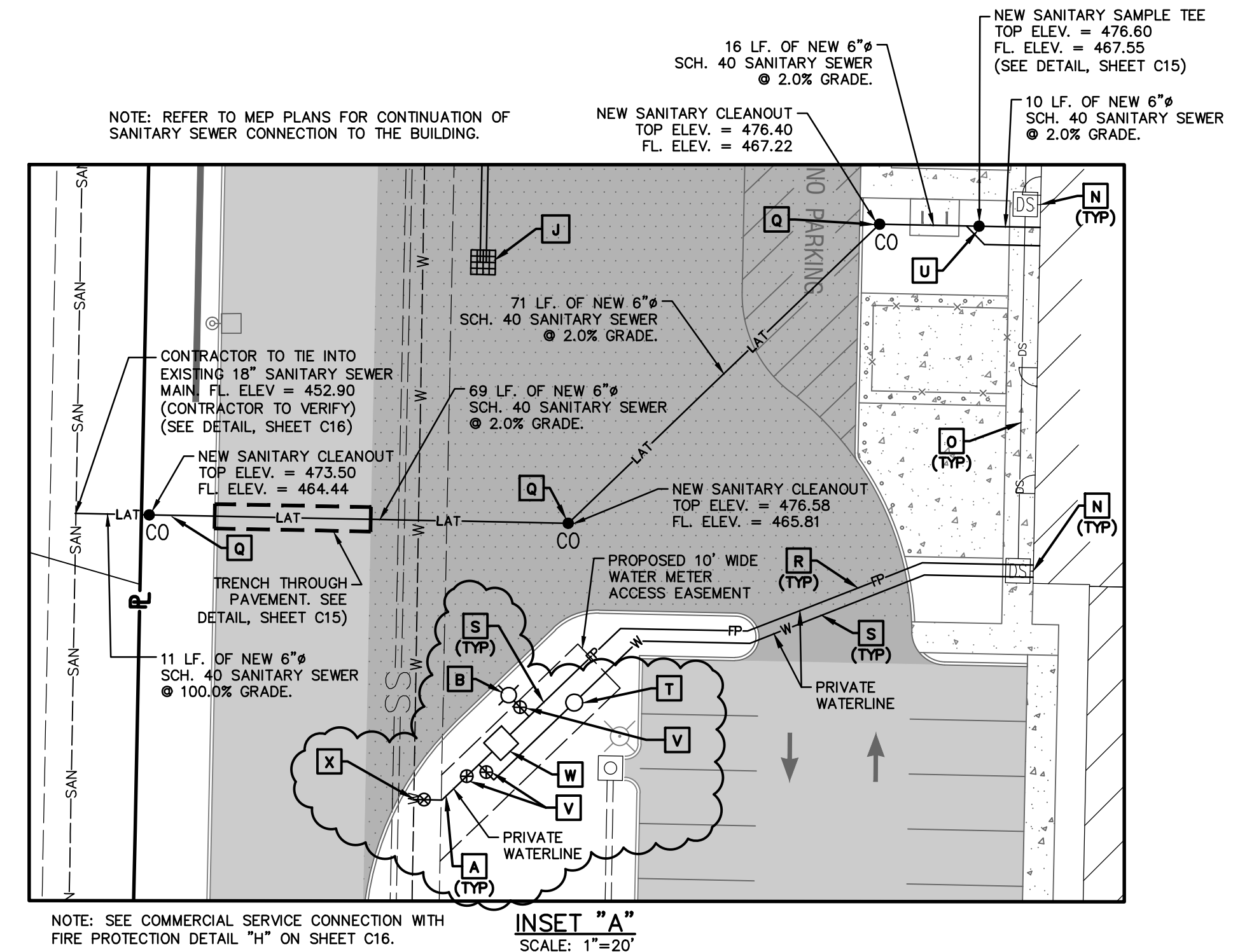
**C5**



**DOWNSPOUT COLLECTOR FLOWLINE TABLE**

DS1	FL. ELEV. = 466.81
DS2	FL. ELEV. = 468.73
DS3	FL. ELEV. = 469.38
DS4	FL. ELEV. = 469.98
DS5	FL. ELEV. = 470.63
DS6	FL. ELEV. = 471.23
DS7	FL. ELEV. = 468.49
DS8	FL. ELEV. = 469.38
DS9	FL. ELEV. = 469.98
DS10	FL. ELEV. = 470.63
DS11	FL. ELEV. = 471.23
DS12	FL. ELEV. = 470.03

- UTILITY LEGEND**
- A NEW 8" SDR 21 PVC WATER MAIN.
  - B NEW FIRE HYDRANT PER CITY STANDARDS. SEE DETAILS, SHEET C16.
  - C NEW FLARED END SECTION. SEE DETAIL, SHEET C15.
  - D NEW GRATED CURB INLET WITH SIDE INTAKE. SEE DETAIL, SHEET C15.
  - E NEW STORM MANHOLE. SEE DETAIL, SHEET C16.
  - F NEW GRATED INLET TOP. SEE DETAIL, SHEET C16.
  - G NEW 12" SDR 26 PVC DOWNSPOUT COLLECTOR LINE AT 1.00% MIN. SLOPE. SEE DETAIL, SHEET C16.
  - H NEW 6" SCH 40 PVC SANITARY LATERAL. SEE DETAIL, SHEET C16.
  - I NEW RESTRAINED JOINT PIPING FOR WATER LINE.
  - J NEW GRATED INLET. SEE DETAIL, SHEET C16.
  - K NEW CURB INLET. SEE DETAILS, SHEET C16.
  - L NEW TRENCH DRAIN. SEE DETAIL, SHEET C15.
  - M NEW 4" DOME GRATE. SEE DETAIL, SHEET C15.
  - N NEW DOWNSPOUT CONNECTION. SEE DETAIL, SHEET C16.
  - O NEW 10" SDR 26 PVC DOWNSPOUT COLLECTOR LINE AT 1.00% MIN. SLOPE. SEE DETAIL, SHEET C16.
  - P NEW CONCRETE CROSS BLOCK. SEE DETAIL, SHEET C16.
  - Q NEW SANITARY SEWER CLEAN-OUT. SEE DETAIL, SHEET C16.
  - R NEW 6" SDR 21 PVC FIRE PROTECTION LINE.
  - S NEW 2" SDR 21 PVC WATER SERVICE LINE.
  - T NEW 2" WATER METER. SEE DETAIL, SHEET C16.
  - U NEW SANITARY SAMPLING TEE. SEE DETAIL, SHEET C15.
  - V NEW GATE VALVE. SEE DETAIL, SHEET C16.
  - W NEW DETECTOR CHECK VALVE IN PYRAMID BOX.
  - X NEW 8"x8"x8" TAPPING TEE AND VALVE. SEE DETAIL "B", SHEET C16.



NOTE: SEE COMMERCIAL SERVICE CONNECTION WITH FIRE PROTECTION DETAIL "H" ON SHEET C16.

**INSET "A"**  
SCALE: 1"=20"

All OSHA rules & regulations established for the type of construction required by these plans shall be strictly followed (i.e. Trenching, Blasting, etc.)

**MISSOURI**  
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City of O'Fallon Standard Notes and Details - July 2019