



**NOTE:**

PROPOSED BOLLARD HAS A  
4 HOLE WEDGE ANCHOR BOLT  
STEEL BASEPLATE, 2 QTY.  
(0' TO 0.5' BELOW GRADE)  
PROPOSED WOOD UTILITY POLE  
HAS A 5/8" DIA. COPPER GROUND ROD  
(0.25' TO 8' BELOW GRADE)

-  - REQUEST ENCROACHMENT  
(For Wood Utility Pole)
-  - REQUEST ENCROACHMENT  
(For Proposed Bollard)

(FOR OFFICE USE ONLY)

CARTO 14-15 F

B					
A					
DESCRIPTION	DRWN	CHKD	APPD	DATE	
REVISIONS					
DRAWN BY	AP	CHECKED	LC / TS		
DATE	05-01-2025	APPROVED	GE		

**REQUEST ENCROACHMENT  
INTO IRONWOOD ST.  
AT 5207 TIREMAN ST.**

**CITY OF DETROIT  
CITY ENGINEERING DIVISION  
SURVEY BUREAU**

**JOB NO. 25-20**

**DRWG. NO. 01**