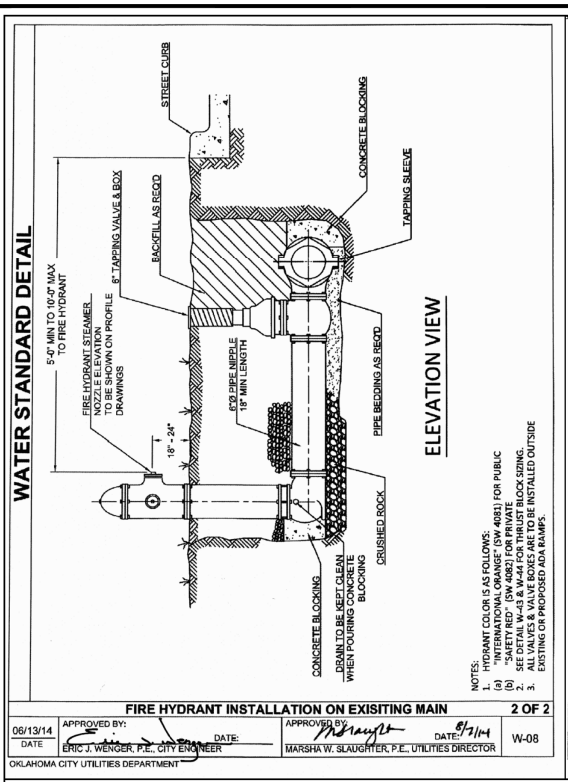
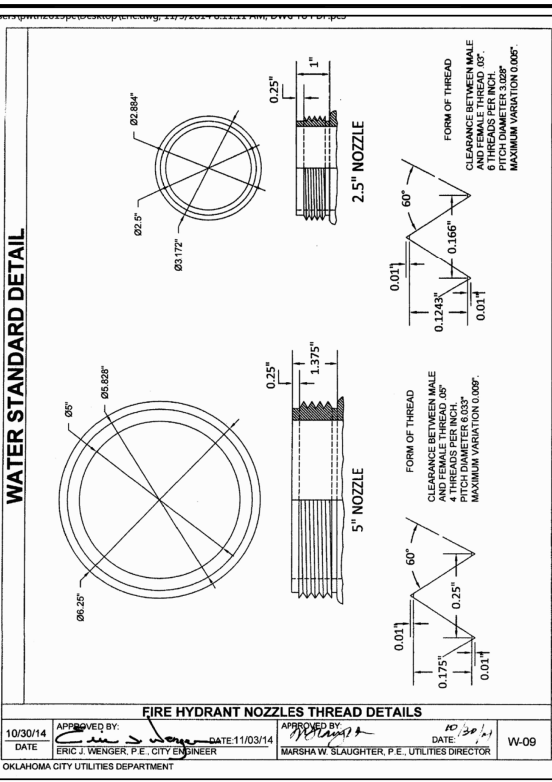


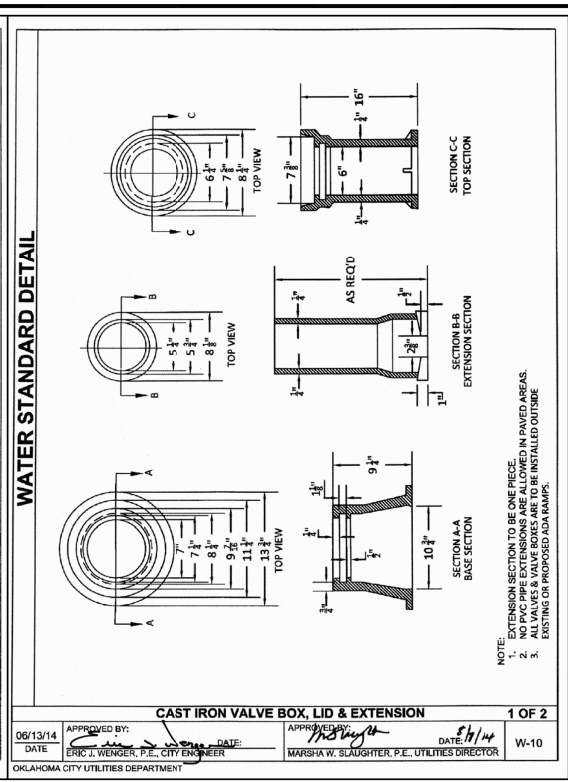
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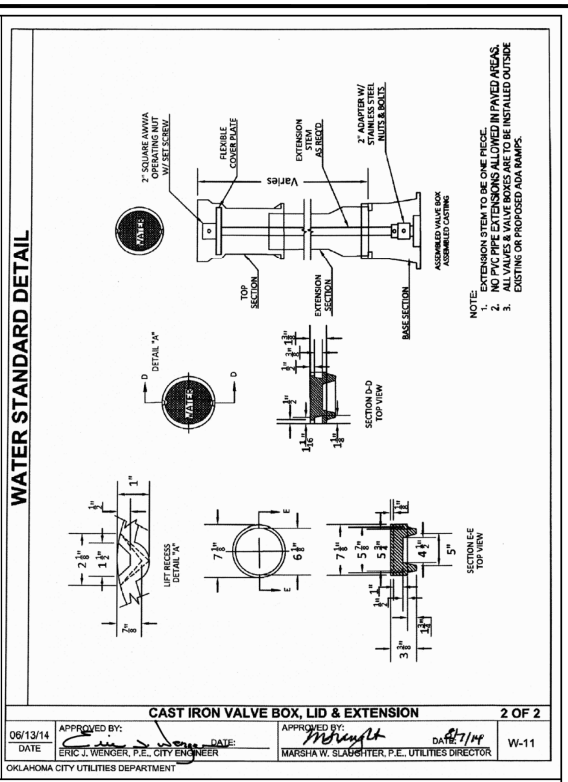
**FIRE HYDRANT INSTALLATION ON EXISTING MAIN** 2 OF 2  
 DATE: 06/13/14 APPROVED BY: *[Signature]* DATE: 8/7/14 W-08  
 ERIC J. WENGER, P.E., CITY ENGINEER MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR  
 OKLAHOMA CITY UTILITIES DEPARTMENT



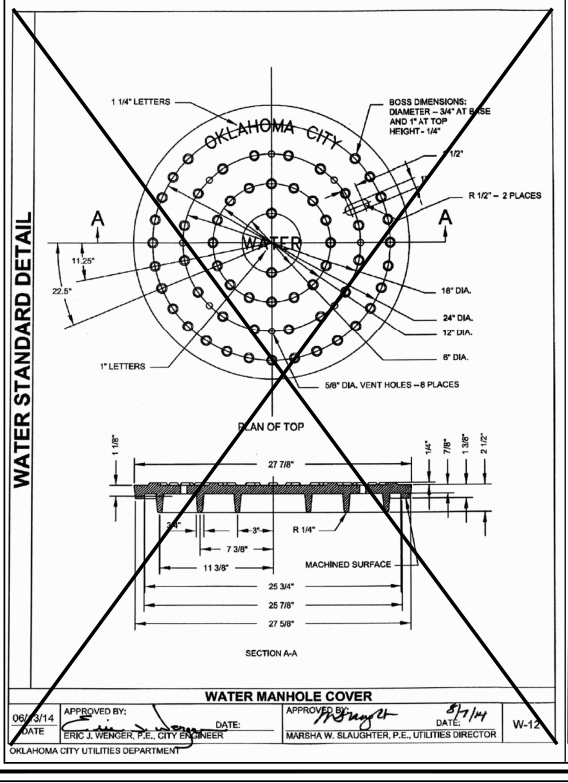
**FIRE HYDRANT NOZZLES THREAD DETAILS**  
 DATE: 10/30/14 APPROVED BY: *[Signature]* DATE: 8/7/14 W-09  
 ERIC J. WENGER, P.E., CITY ENGINEER MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR  
 OKLAHOMA CITY UTILITIES DEPARTMENT



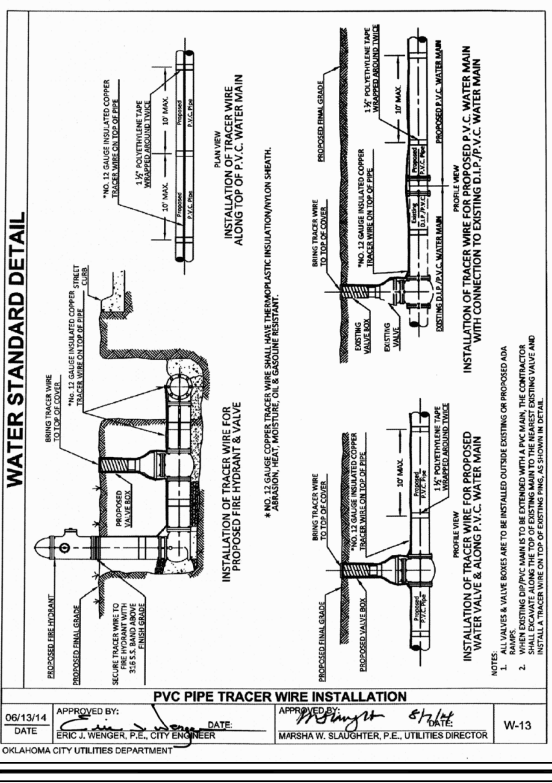
**CAST IRON VALVE BOX, LID & EXTENSION** 1 OF 2  
 DATE: 06/13/14 APPROVED BY: *[Signature]* DATE: 8/7/14 W-10  
 ERIC J. WENGER, P.E., CITY ENGINEER MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR  
 OKLAHOMA CITY UTILITIES DEPARTMENT



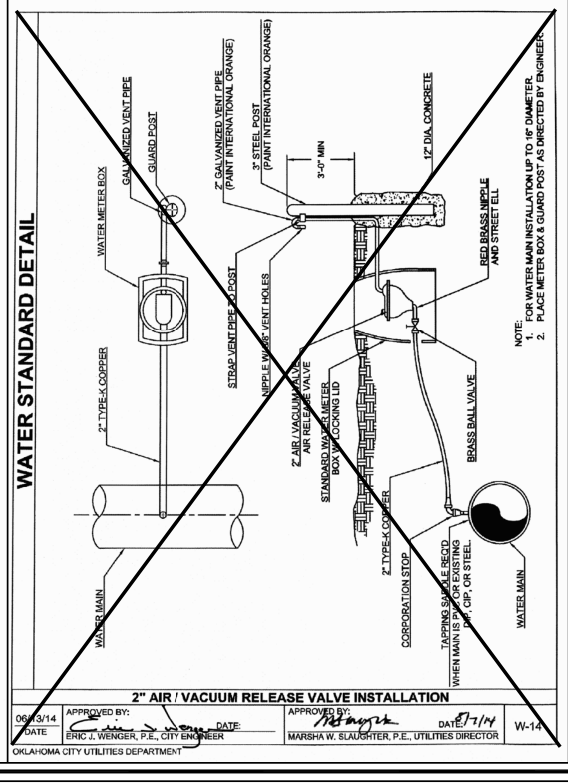
**CAST IRON VALVE BOX, LID & EXTENSION** 2 OF 2  
 DATE: 06/13/14 APPROVED BY: *[Signature]* DATE: 8/7/14 W-11  
 ERIC J. WENGER, P.E., CITY ENGINEER MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR  
 OKLAHOMA CITY UTILITIES DEPARTMENT



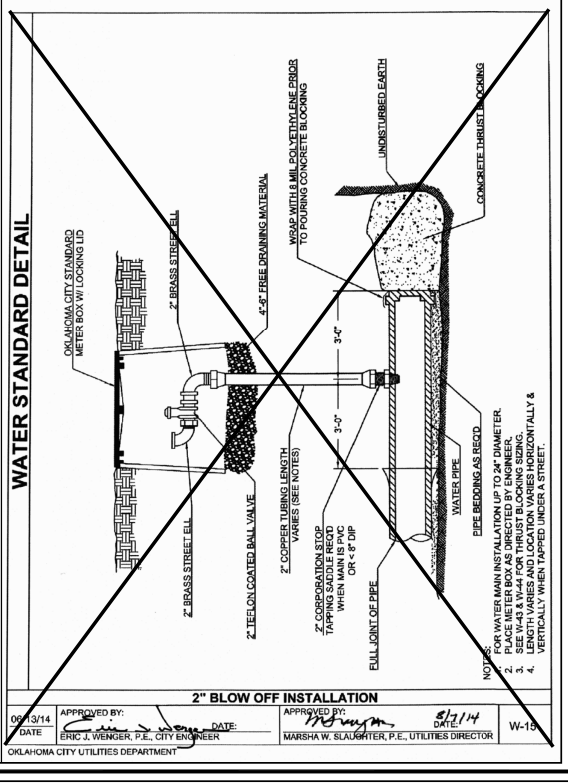
**WATER MANHOLE COVER**  
 DATE: 06/13/14 APPROVED BY: *[Signature]* DATE: 8/7/14 W-12  
 ERIC J. WENGER, P.E., CITY ENGINEER MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR  
 OKLAHOMA CITY UTILITIES DEPARTMENT



**PVC PIPE TRACER WIRE INSTALLATION**  
 DATE: 06/13/14 APPROVED BY: *[Signature]* DATE: 8/7/14 W-13  
 ERIC J. WENGER, P.E., CITY ENGINEER MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR  
 OKLAHOMA CITY UTILITIES DEPARTMENT



**2\"/>
 DATE: 06/13/14 APPROVED BY: *[Signature]* DATE: 8/7/14 W-14  
 ERIC J. WENGER, P.E., CITY ENGINEER MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR  
 OKLAHOMA CITY UTILITIES DEPARTMENT**



**2\"/>
 DATE: 06/13/14 APPROVED BY: *[Signature]* DATE: 8/7/14 W-15  
 ERIC J. WENGER, P.E., CITY ENGINEER MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR  
 OKLAHOMA CITY UTILITIES DEPARTMENT**

NO.	DATE	DESCRIPTION
1	11/07/14	STD DRAWING W-09 MODIFIED

**WATER STANDARD DETAILS**

DATE: 11/07/14  
 DRAWN BY: JDS  
 CHECKED BY: MWS/EJW

SCALE: AS SHOWN

SHEET NUMBER: **W-STD-02**



The City of  
**Oklahoma City**  
 Utilities Department  
 Engineering Division

