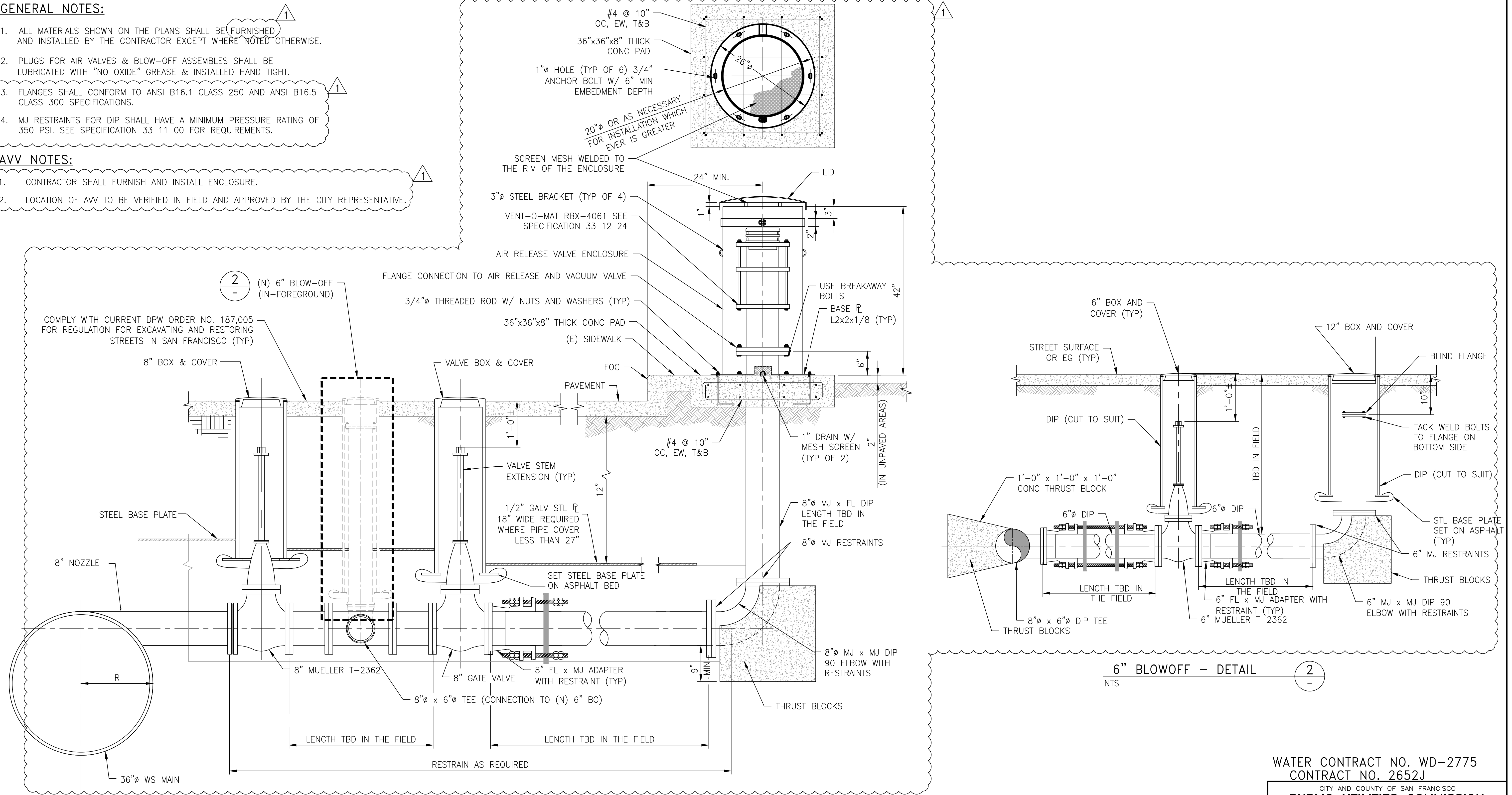


GENERAL NOTES:

1. ALL MATERIALS SHOWN ON THE PLANS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR EXCEPT WHERE NOTED OTHERWISE.
2. PLUGS FOR AIR VALVES & BLOW-OFF ASSEMBLES SHALL BE LUBRICATED WITH "NO OXIDE" GREASE & INSTALLED HAND TIGHT.
3. FLANGES SHALL CONFORM TO ANSI B16.1 CLASS 250 AND ANSI B16.5 CLASS 300 SPECIFICATIONS.
4. MJ RESTRAINTS FOR DIP SHALL HAVE A MINIMUM PRESSURE RATING OF 350 PSI. SEE SPECIFICATION 33 11 00 FOR REQUIREMENTS.

AVV NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL ENCLOSURE.
2. LOCATION OF AVV TO BE VERIFIED IN FIELD AND APPROVED BY THE CITY REPRESENTATIVE.



TYPICAL 8"Ø AIR RELEASE & VACUUM BREAK VALVE ASSEMBLY

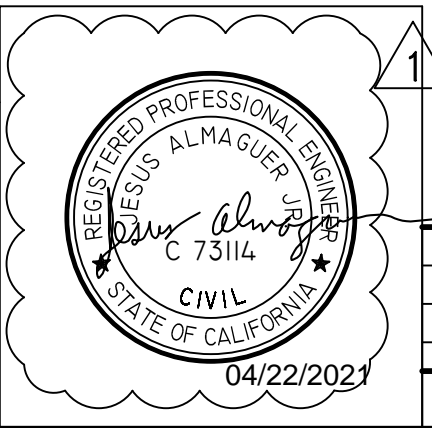
NTS

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REFERENCES

GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC., USED

CCSF 2013
NAVD88



NO.	DATE	DESCRIPTION	BY	APPR'D
1	03/10/21	PCO #3 - REVISE AVV DETAILS	IC	JA

WATER CONTRACT NO. WD-2775 CONTRACT NO. 2652J			
CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU			
INSTALLATION OF 16-INCH AND 36-INCH, AND RELOCATION OF 8-INCH DUCTILE IRON WATER MAINS AT VARIOUS LOCATIONS ON 19TH AVENUE FROM HOLLOWAY AVENUE TO LINCOLN WAY			
TYPICAL AIR RELEASE AND VACUUM VALVE DETAILS			
CHECKED / APPROVED	BY / EC	DRAWN	AS SHOWN
SECTION MANAGER	T. LEE	DESIGNED	OCT 2018
APPROVED	APPROVED		
MANAGER, ENGINEERING MANAGEMENT BUREAU		MANAGER, CITY DISTRIBUTION DIVISION	
SHEET		PLAN NO.	REVISION NO.
. OF .		WD-2775-11	E-31380

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED 0.70MM
YELLOW 0.20MM
GREEN 0.25MM
CYAN 0.40MM
BLUE 0.50MM
MAGENTA 0.20MM
WHITE 0.35MM
GRAY 0.15MM
9 0.15MM
10 1.00MM
100 0.70MM
210 0.60MM