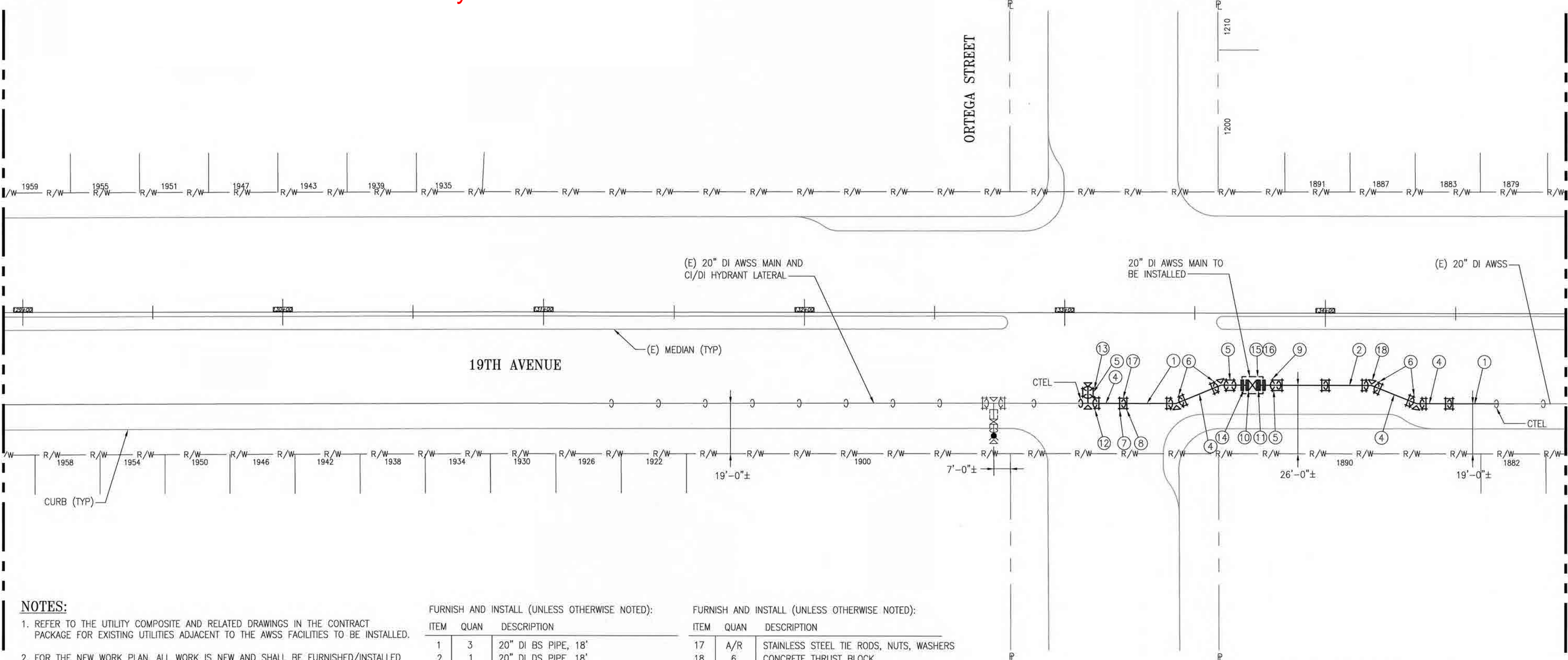


70% LS of AWSS New Installation Work at  
Location No. 22 complete by end of  
PP 15 - February 2022



NOTES:

1. REFER TO THE UTILITY COMPOSITE AND RELATED DRAWINGS IN THE CONTRACT PACKAGE FOR EXISTING UTILITIES ADJACENT TO THE AWSS FACILITIES TO BE INSTALLED.
2. FOR THE NEW WORK PLAN, ALL WORK IS NEW AND SHALL BE FURNISHED/INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY REFERRED TO AS EXISTING.
3. MAINTAIN A MINIMUM 12" CLEARANCE BETWEEN ADJACENT UTILITIES/STRUCTURES AND AWSS FACILITIES UNLESS OTHERWISE NOTED OR APPROVED BY THE CITY REPRESENTATIVE.
4. REFER TO DWGS MA-G02 AND MA-G05 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES. REFER TO DWG MA-22.1 FOR REMOVAL WORK AND DWG MA-22.3 FOR NEW WORK PROFILE.
5. THE NEW AWSS PIPE SHALL BE INSTALLED TO MATCH THE ORIGINAL HORIZONTAL AND VERTICAL ALIGNMENT OF THE REMOVED DI PIPE, UNLESS OTHERWISE SHOWN ON THE NEW WORK PLAN AND PROFILE DWGS.
6. EXISTING PIPELINE ELEVATION FROM FINISHED STREET GRADE TO CENTERLINE OF PIPE PER RECORD DWGS AS PROVIDED BY THE SFPUC:  
-20" DI PIPE ON 19TH AVENUE AT ORTEGA STREET: 5'-6"± TO 6'-9"±

FURNISH AND INSTALL (UNLESS OTHERWISE NOTED):

ITEM	QUAN	DESCRIPTION
1	3	20" DI BS PIPE, 18'
2	1	20" DI DS PIPE, 18'
3	1	20" DI BS PIPE, CTS
4	4	20" DI DS PIPE, CTS
5	3	20" DI NIPPLE, CTS
6	4	20" DI AWSS MJB ELBOW, 22 1/2"
7	11	20" DI STOP COLLAR
8	3	20" DI BELL COLLAR
9	2	20" DI MJBxCLASS 300 FLG ADAPTOR
10	1	20" DI CLASS 300 FLG GATE VALVE
11	1	20" DI/ST CLASS 300 FLG DISMANTLING JOINT
12	1	20" DI AWSS MJB TEE
13	1	20" DI AWSS MJB FLAT CAP
14	2	20" DI CLASS 300 FLG SPOOL, APPROX 36"
15	1	CAST-IN-PLACE REINFORCED CONCRETE VALVE VAULT - SEE DWG MA-D04 AND MA S-DWGS FOR DETAILS
16	1	23" SQUARE DI "HPFS" ACCESS FRAME, COVER, DUST PAN - SEE DWGS MA-D04 AND STRUCTURAL DWGS FOR DETAILS

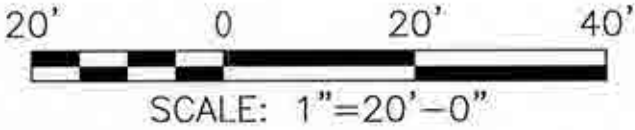
FURNISH AND INSTALL (UNLESS OTHERWISE NOTED):

ITEM	QUAN	DESCRIPTION
17	A/R	STAINLESS STEEL TIE RODS, NUTS, WASHERS
18	6	CONCRETE THRUST BLOCK

NEW WORK - PLAN  
SCALE: 1"=20'-0"

LOCATION NO. 22 - 19TH AVENUE AND ORTEGA STREET

PLOT: EXTENTS  
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 1.00MM  
10 0.50MM  
100 0.50MM  
210 0.50MM



PLAN APPROVAL DATE	CONTRACT No.	PROJECT ID	DISTRICT	COUNTY	ROUTE	POST MILES TOTAL PROJECT
	04-0G3501	0400000325	04	SF	1	R0.94/4.05

FOR THE SOLE USE OF THE DOCUMENT  
RECIPIENT - DO NOT CITE, COPY, OR  
CIRCULATE WITHOUT THE EXPRESS  
PERMISSION OF THE SFPUC.

REFERENCES  
GATE BOOK PAGES, PLANS,  
SURVEY NOTES, ETC. USED  
  
GATE BOOK PAGES  
NO.  
  
AWSS DWG NO. 833



CITY AND COUNTY OF SAN FRANCISCO BUREAU OF DESIGN AND ENGINEERING	
SECTION MANAGER E. Smith 12/17/18	DRAWN MM/WC 01/2019
DEPUTY BUREAU MANAGER D. Smith 12/19/18	DESIGNED MBS 01/2019
BUREAU MANAGER R. Smith 12/19/18	CHECKED EL 01/2019
NO. DATE DESCRIPTION BY APPR'D SHEET	
255 OF 356	

CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION WATER ENTERPRISE CITY DISTRIBUTION DIVISION 19TH AVENUE (STATE ROUTE 1) COMBINED CITY PROJECT AUXILIARY WATER SUPPLY SYSTEM WORK LOCATION 22 - NEW WORK - PLAN	
APPROVED [Signature] ENGINEERING MANAGER	APPROVED [Signature] MANAGER, CITY DISTRIBUTION DIVISION
SCALE 1"=20'-0"	DATE 01/2019
PLAN NO. MA-22.2	REVISION NO. 0