

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-24.1 FOR REMOVAL WORK AND DWG MA-24.3 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. REFER TO DWG MA-D08 FOR THE HIGH PRESSURE HYDRANT INSTALLATION DETAILS.
7. 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 NORIEGA STREET: 4'-8"± TO 5'-4"±

FURNISH AND INSTALL (UNLESS OTHERWISE NOTED):

ITEM	QUAN	DESCRIPTION
1	4	20" DI BS PIPE, 18'
2	1	20" DI DS PIPE, CTS
3	3	20" DI NIPPLE, CTS
4	4	20" DI MJB SOLID SLEEVE
5	1	20"x8" DI MJBxFLG HYDRANT TEE
6	2	20" DI STOP COLLAR
7	1	8" DI CLASS 300 FLG GATE VALVE (FC), VALVE BOX, FRAME, COVER, DUST PAN
8	1	8" DI MJBxFLG ADAPTOR
9	1	8" DI NIPPLE, CTS
10	1	DI MJB HP HYDRANT ASSY
11	2	DI HYDRANT FINISH PLATE
12	A/R	DI HYDRANT RISER

FURNISH AND INSTALL (UNLESS OTHERWISE NOTED):

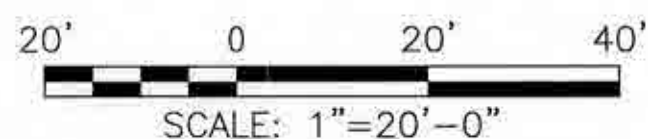
ITEM	QUAN	DESCRIPTION
13	A/R	STAINLESS STEEL TIE RODS, NUTS, WASHERS
14	2	CONCRETE THRUST BLOCK

NEW WORK - PLAN

SCALE: 1"=20'-0"

LOCATION 24 - 19TH AVENUE AND NORIEGA 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 0.15MM
10 1.00MM
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

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CIRCULATE WITHOUT THE EXPRESS
PERMISSION OF THE SFPUC.

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

GATE BOOK PAGES
NO.

AWSS DWG NOS. 826A,
831, 832



CITY AND COUNTY OF SAN FRANCISCO SAN FRANCISCO PUBLIC WORKS BUREAU OF DESIGN AND ENGINEERING			
SECTION MANAGER	12/17/18	DRAWN	MM/WC 01/2019
DEPUTY BUREAU MANAGER	12/19/18	DESIGNED	MBS 01/2019
BUREAU MANAGER	01/18	CHECKED	EL 01/2019
NO.	DATE	DESCRIPTION	BY
REVISIONS			

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 24 - NEW WORK - PLAN			
APPROVED [Signature] ENGINEERING MANAGER	APPROVED [Signature] MANAGER, CITY DISTRIBUTION DIVISION	SCALE 1"=20'-0"	DATE 01/2019
SHEET 258 OF 356	PLAN NO. MA-24.2	FILE NO. 111,556	REVISION NO. 0