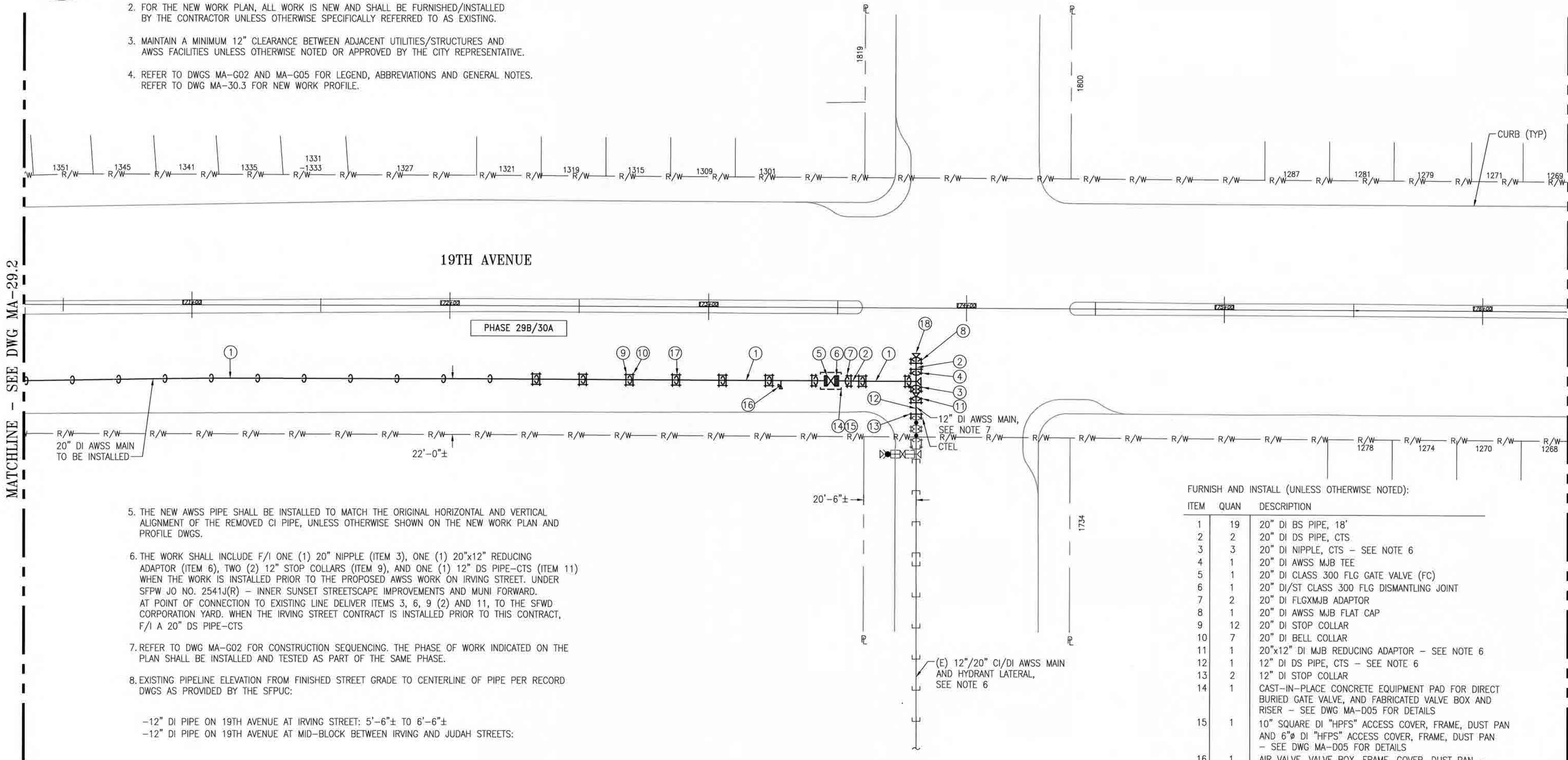


NOTES:

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-30.3 FOR NEW WORK PROFILE.



5. THE NEW AWSS PIPE SHALL BE INSTALLED TO MATCH THE ORIGINAL HORIZONTAL AND VERTICAL ALIGNMENT OF THE REMOVED CI PIPE, UNLESS OTHERWISE SHOWN ON THE NEW WORK PLAN AND PROFILE DWGS.
6. THE WORK SHALL INCLUDE F/I ONE (1) 20" NIPPLE (ITEM 3), ONE (1) 20"x12" REDUCING ADAPTOR (ITEM 6), TWO (2) 12" STOP COLLARS (ITEM 9), AND ONE (1) 12" DS PIPE-CTS (ITEM 11) WHEN THE WORK IS INSTALLED PRIOR TO THE PROPOSED AWSS WORK ON IRVING STREET. UNDER SFPW JO NO. 2541J(R) - INNER SUNSET STREETSCAPE IMPROVEMENTS AND MUNI FORWARD. AT POINT OF CONNECTION TO EXISTING LINE DELIVER ITEMS 3, 6, 9 (2) AND 11, TO THE SFWD CORPORATION YARD. WHEN THE IRVING STREET CONTRACT IS INSTALLED PRIOR TO THIS CONTRACT, F/I A 20" DS PIPE-CTS
7. REFER TO DWG MA-G02 FOR CONSTRUCTION SEQUENCING. THE PHASE OF WORK INDICATED ON THE PLAN SHALL BE INSTALLED AND TESTED AS PART OF THE SAME PHASE.
8. EXISTING PIPELINE ELEVATION FROM FINISHED STREET GRADE TO CENTERLINE OF PIPE PER RECORD DWGS AS PROVIDED BY THE SFPUC:

-12" DI PIPE ON 19TH AVENUE AT IRVING STREET: 5'-6"± TO 6'-6"±
-12" DI PIPE ON 19TH AVENUE AT MID-BLOCK BETWEEN IRVING AND JUDAH STREETS:

FURNISH AND INSTALL (UNLESS OTHERWISE NOTED):

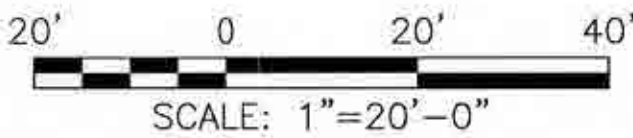
ITEM	QUAN	DESCRIPTION
1	19	20" DI BS PIPE, 18'
2	2	20" DI DS PIPE, CTS
3	3	20" DI NIPPLE, CTS - SEE NOTE 6
4	1	20" DI AWSS MJB TEE
5	1	20" DI CLASS 300 FLG GATE VALVE (FC)
6	1	20" DI/ST CLASS 300 FLG DISMANTLING JOINT
7	2	20" DI FLGXMB ADAPTOR
8	1	20" DI AWSS MJB FLAT CAP
9	12	20" DI STOP COLLAR
10	7	20" DI BELL COLLAR
11	1	20"x12" DI MJB REDUCING ADAPTOR - SEE NOTE 6
12	1	12" DI DS PIPE, CTS - SEE NOTE 6
13	2	12" DI STOP COLLAR
14	1	CAST-IN-PLACE CONCRETE EQUIPMENT PAD FOR DIRECT BURIED GATE VALVE, AND FABRICATED VALVE BOX AND RISER - SEE DWG MA-D05 FOR DETAILS
15	1	10" SQUARE DI "HPFS" ACCESS COVER, FRAME, DUST PAN AND 6" DI "HPFS" ACCESS COVER, FRAME, DUST PAN - SEE DWG MA-D05 FOR DETAILS
16	1	AIR VALVE, VALVE BOX, FRAME, COVER, DUST PAN - SEE AWSS STANDARD DWGS FOR DETAILS
17	A/R	STAINLESS STEEL TIE RODS, NUTS, WASHERS
18	2	CONCRETE THRUST BLOCK

NEW WORK - PLAN

SCALE: 1"=20'-0"

LOCATION 30 - 19TH AVENUE BETWEEN JUDAH/IRVING STREETS -

MID-BLOCK AND IRVING STREET/LINCOLN WAY - MID-BLOCK



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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PERMISSION OF THE SFPUC.

REFERENCES

GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC, USED
GATE BOOK PAGES
NO.
AWSS DWG NOS. 826,
827



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	12/19/18	CHECKED	EL	01/2019

NO.	DATE	DESCRIPTION	BY	APPR'D
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 30 - NEW WORK - PLAN

APPROVED	APPROVED	SCALE
ENGINEERING MANAGER	MANAGER, CITY DISTRIBUTION DIVISION	1"=20'-0"
SHEET	PLAN NO.	DATE
276 OF 356	MA-30.2	01/2019
	FILE NO.	REVISION NO.
	111,574	0

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