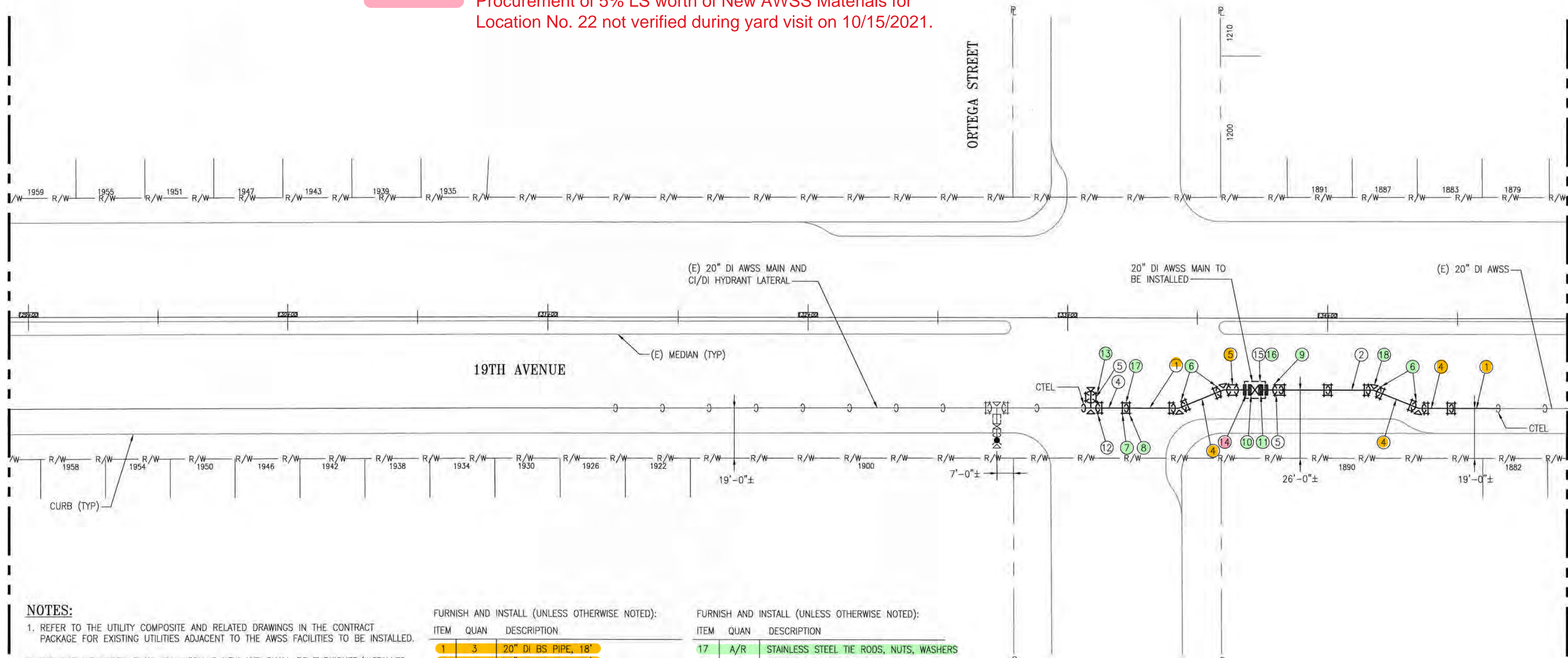


50% LS of New Materials for AWSS Work at Location No. 22 paid in PP6 - May 2021.

45% LS of New Materials for AWSS Work at Location No. 22 paid in PP10 - September 2021.

Procurement of 5% LS worth of New AWSS Materials for Location No. 22 not verified during yard visit on 10/15/2021.



NOTES:

- REFER TO THE UTILITY COMPOSITE AND RELATED DRAWINGS IN THE CONTRACT PACKAGE FOR EXISTING UTILITIES ADJACENT TO THE AWSS FACILITIES TO BE INSTALLED.
- FOR THE NEW WORK PLAN, ALL WORK IS NEW AND SHALL BE FURNISHED/INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY REFERRED TO AS EXISTING.
- MAINTAIN A MINIMUM 12" CLEARANCE BETWEEN ADJACENT UTILITIES/STRUCTURES AND AWSS FACILITIES UNLESS OTHERWISE NOTED OR APPROVED BY THE CITY REPRESENTATIVE.
- 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.
- 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.
- 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

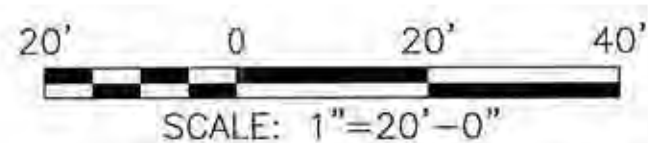
FURNISH AND INSTALL (UNLESS OTHERWISE NOTED):

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
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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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 PUBLIC UTILITIES COMMISSION BUREAU OF DESIGN AND ENGINEERING			
SECTION MANAGER BUREAU MANAGER DESIGNER CHECKED	DATE 12/17/18 12/19/18 12/19/18 12/19/18	DRAWN DESIGNED CHECKED	DATE 01/2019 01/2019 01/2019
REVISIONS			
NO.	DATE	DESCRIPTION	BY

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 ENGINEERING MANAGER	APPROVED MANAGER, CITY DISTRIBUTION DIVISION	SCALE 1"=20'-0"	DATE 01/2019
255 OF 356	MA-22.2	111,553	0