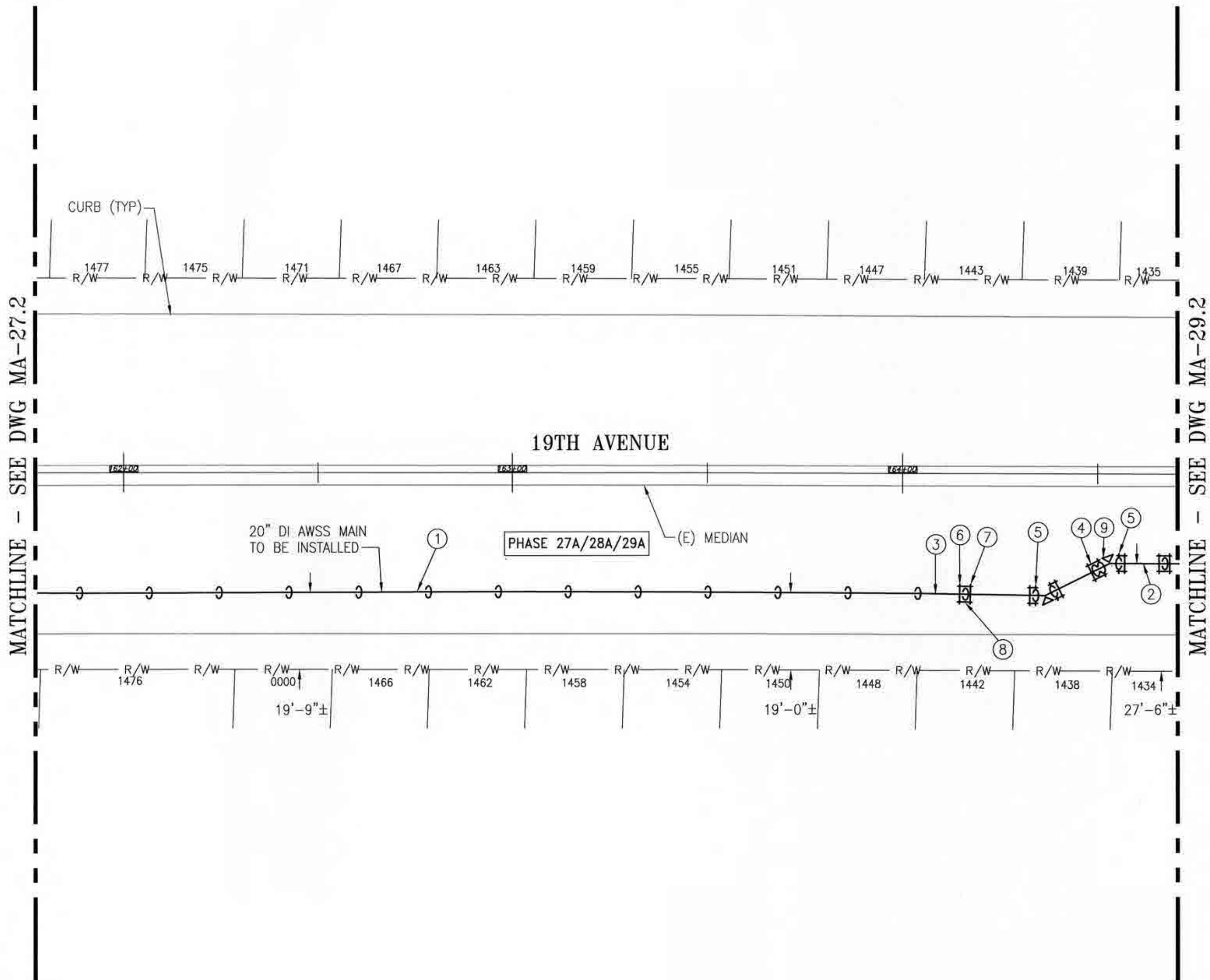


FILE: NAME\\v\\2652\\19th\_avenue\_combined\_city\_project\\2\_Design\\working\_drawings\\E\\E\\current\_aws\\2652\\J\_AWSS\_MA-152-MA-303\_NEW\_WORK.dwg  
SAVE\\Monday, December 10, 2018 3:20:48 PM



**NOTES:**

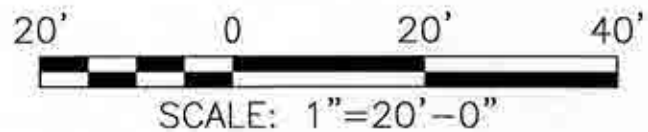
1. REFER TO THE UTILITY COMPOSITE AND RELATED DRAWINGS IN THE CONTRACT PACKAGE FOR EXISTING UTILITIES ADJACENT TO THE AWSS FACILITIES TO BE INSTALLED.
2. FOR THE NEW WORK PLAN, ALL WORK IS NEW AND SHALL BE FURNISHED/INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY REFERRED TO AS EXISTING.
3. 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-28.3 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-G02 FOR CONSTRUCTION SEQUENCING. THE PHASE OF WORK INDICATION ON THE PLAN SHALL BE INSTALLED AND TESTED AS PART OF THE SAME PHASE.
7. 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 MID-BLOCK BETWEEN JUDAH AND KIRKHAM STREETS: 0'-10"± TO 6'-11"±

FURNISH AND INSTALL (UNLESS OTHERWISE NOTED):

ITEM	QUAN	DESCRIPTION
1	14	20" DI BS PIPE, 18'
2	1	20" DI DS PIPE, CTS
3	2	20" DI BS PIPE, CTS
4	1	20" DI NIPPLE, CTS
5	2	20" DI AWSS MJB ELBOW, 22 1/2"
6	5	20" DI STOP COLLAR
7	3	20" DI BELL COLLAR
8	A/R	STAINLESS STEEL TIE RODS, NUTS, WASHERS
9	2	CONCRETE THRUST BLOCK

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

**NEW WORK - PLAN**  
SCALE: 1"=20'-0"  
**LOCATION 28 - 19TH AVENUE BETWEEN KIRKHAM STREET - MID-BLOCK AND JUDAH STREET - MID-BLOCK**



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RECIPIENT - DO NOT CITE, COPY, OR  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 NOS. 827,  
828



CITY AND COUNTY OF SAN FRANCISCO SAN FRANCISCO PUBLIC WORKS BUREAU OF DESIGN AND ENGINEERING			
SECTION MANAGER <i>Engel</i> 12/17/18	DRAWN MM/WC	01/2019	
DEPUTY BUREAU MANAGER <i>Boase</i> 12/19/18	DESIGNED MBS	01/2019	
BUREAU MANAGER <i>John Williams</i> 12/21/18	CHECKED EL	01/2019	
NO.	DATE	DESCRIPTION	BY APPR'D SHEET
REVISIONS			
270 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 28 - NEW WORK - PLAN			
APPROVED <i>Myer</i> ENGINEERING MANAGER	APPROVED <i>John L. Miller</i> MANAGER, CITY DISTRIBUTION DIVISION	SCALE 1"=20'-0'	DATE 01/2019
PLAN NO. MA-28.2	FILE NO. 111,568	REVISION NO. 0	