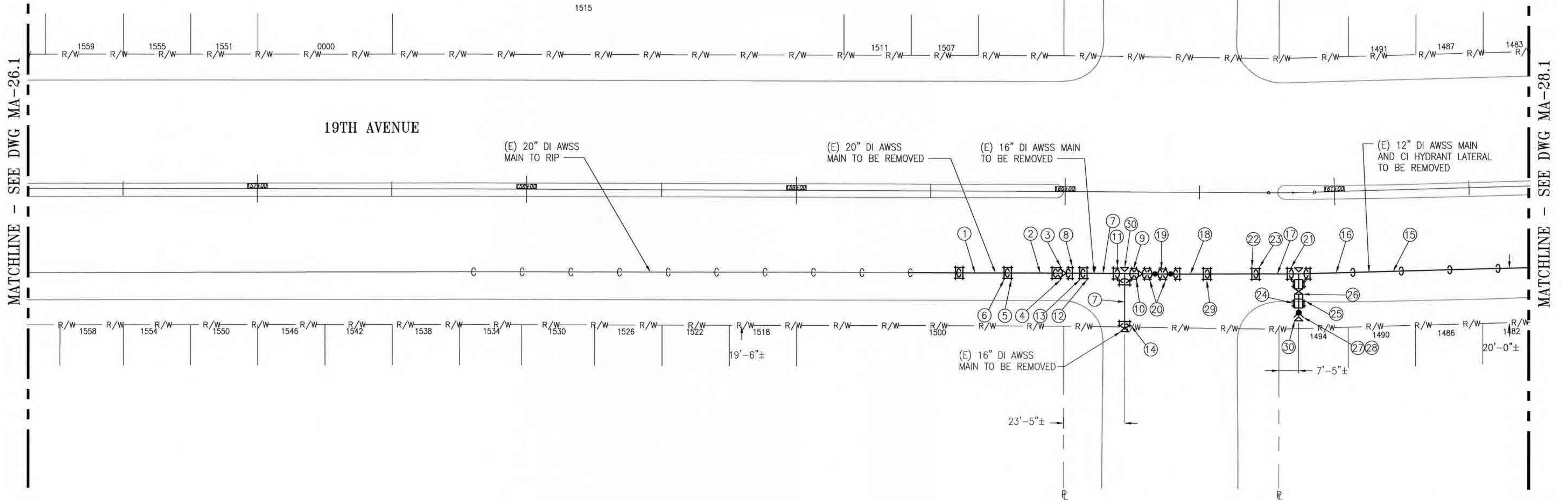


REMOVE AND DISPOSE AS THE CONTRACTOR'S PROPERTY (UNLESS OTHERWISE NOTED):

ITEM	QUAN	DESCRIPTION	ITEM	QUAN	DESCRIPTION
1	2	20" DI BS PIPE, 18'	16	1	12" DI DS PIPE, 18'
2	1	20" DI DS PIPE, CTS	17	1	12" DI BS PIPE, CTS
3	1	20" DI NIPPLE, CTS	18	1	12" DI DS PIPE, CTS
4	1	20"x16" DI MJB REDUCER (R&S)	19	2	12" DI NIPPLE, CTS
5	2	20" DI STOP COLLAR (R&S)	20	2	12" DI AWSS MJB ELBOW, 22 1/2" (R&S)
6	4	20" DI BELL COLLAR (R&S)	21	1	12"x8" DI MJBxGHB HYDRANT TEE
7	2	16" DI DS PIPE, 18'	22	5	12" DI STOP COLLAR (R&S)
8	1	16" DI BS PIPE, CTS	23	2	12" DI BELL COLLAR (R&S)
9	1	16" DI NIPPLE, CTS	24	2	8" CI NIPPLE, CTS
10	1	16"x12" DI MJB REDUCER (R&S)	25	1	8" CI BS PIPE, CTS
11	1	16"x16" DI AWSS MJB TEE (R&S)	26	1	8" CI GHB GATE VALVE, VALVE BOX, FRAME, COVER, DUST PAN (R&S)
12	2	16" DI STOP COLLAR (R&S)	27	1	CI HP GHB HYDRANT ASSY (R&S)
13	1	16" DI BELL COLLAR (R&S)	28	A/R	CI HYDRANT RISER (R&S)
14	1	16" DI AWSS MJB FLAT CAP (R&S)	29	A/R	STEEL/STAINLESS STEEL TIE RODS, NUTS, WASHERS
15	5	12" DI BS PIPE, 18'	30	6	CONCRETE THRUST BLOCK



#### NOTES:

- REFER TO DWG MA-27.2 FOR NEW WORK PLAN AND DWGS MA-27.3A AND MA-27.3B FOR NEW WORK PROFILES.
- THE CONTRACTOR SHALL FIELD VERIFY THE EXACT DEPTHS AND LOCATIONS OF AWSS PIPES.
- REFER TO RELATED DWGS IN THIS CONTRACT PACKAGE FOR EXISTING UTILITIES ADJACENT TO THE AWSS FACILITIES TO BE REMOVED.
- REFER TO DWGS MA-G02 AND MA-G05 FOR NOTIFICATION, SCHEDULING AND CONSTRUCTION SEQUENCING OF WORK.
- 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 NORTH OF KIRKHAM STREET: 5'-2"±  
-20" DI PIPE ON 19TH AVENUE AT KIRKHAM STREET: 4'-6"± TO 6'-2"±

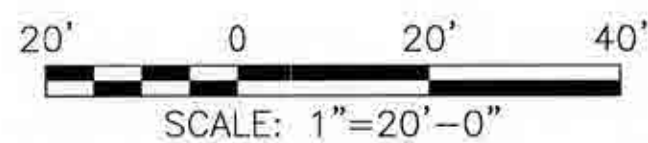
#### REMOVAL WORK - PLAN

SCALE: 1"=20'-0"

LOCATION 27 - 19TH AVENUE BETWEEN LAWTON/KIRKHAM STREETS -

MID-BLOCK AND KIRKHAM/JUDAH STREETS - MID-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 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

FOR THE SOLE USE OF THE DOCUMENT  
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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,  
828



CITY AND COUNTY OF SAN FRANCISCO SAN FRANCISCO PUBLIC WORKS BUREAU OF DESIGN AND ENGINEERING	
SECTION MANAGER J. Smith 12/17/18	DRAWN MM/WC 01/2019
DEPUTY BUREAU MANAGER J. Smith 12/17/18	DESIGNED MBS 01/2019
BUREAU MANAGER J. Smith 12/17/18	CHECKED EL 01/2019
NO.	DATE
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 27 - REMOVAL WORK - PLAN	
APPROVED J. Smith ENGINEERING MANAGER	APPROVED J. Smith MANAGER, CITY DISTRIBUTION DIVISION
SHEET 264 OF 356	FILE NO. 111,562
PLAN NO. MA-27.1	REVISION NO. 0
SCALE 1"=20'-0"	
DATE 01/2019	