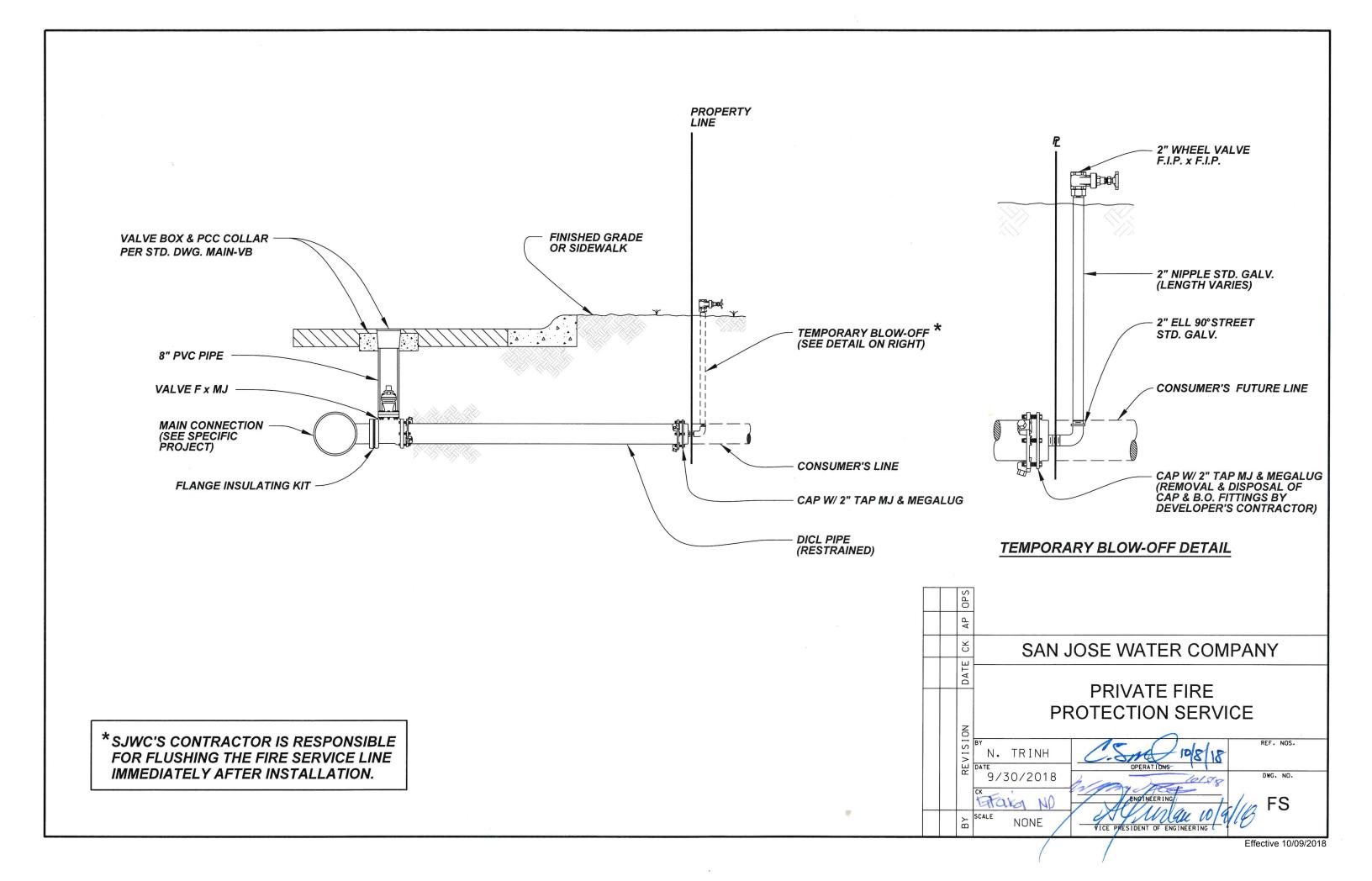
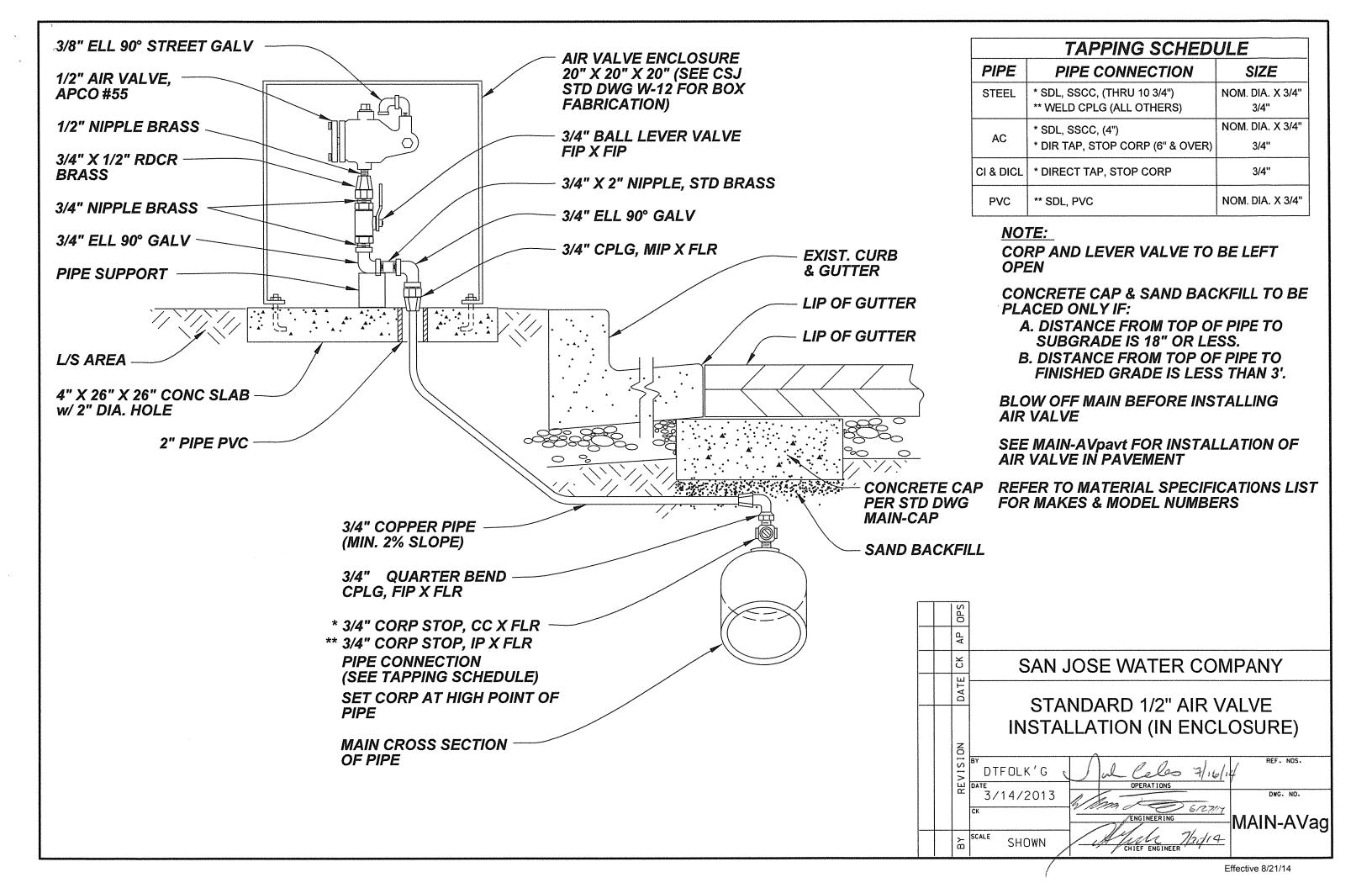
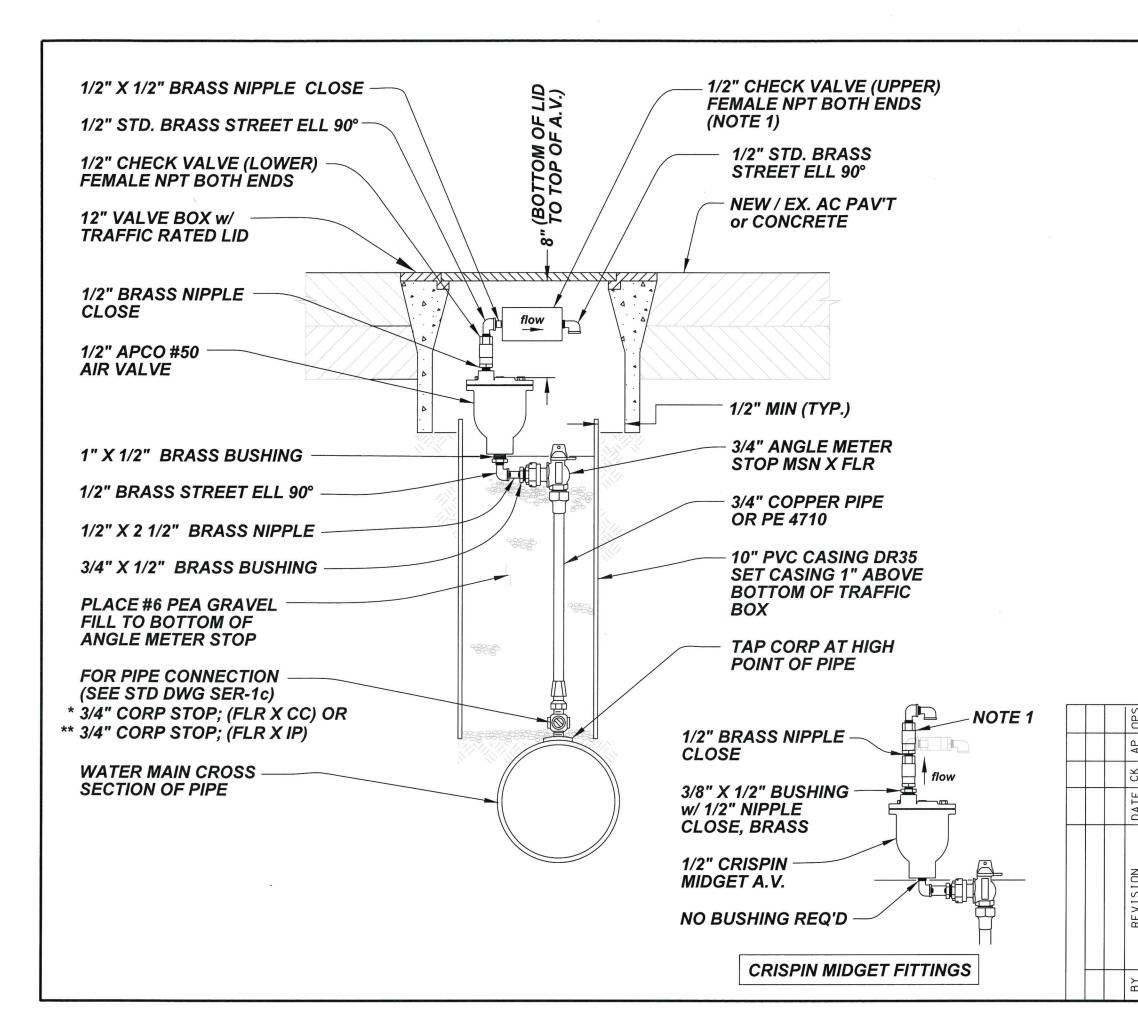
Mains, Hydrants & Fire Services







	TAPPING SCHEDULE		
PIPE	PIPE CONNECTION	SIZE	
STEEL	* SDL, SSCC, (THRU 10 3/4") ** WELD CPLG (ALL OTHERS)	NOM. DIA. X 3/4" 3/4"	
AC & CI	* SDL, SSCC, (4")	NOM. DIA. X 3/4"	
DICL	* DIRECT TAP, CORP STOP	3/4"	
PVC	** SDL, PVC	NOM. DIA. X 3/4"	

AIR VALVE & CHECK VALVE MAKES

A.V.	C.V. (LOWER)	C.V. (UPPER ¹)
APCO-50	KITZ WAFER or APOLLO BALL	KITZ WAFER, APOLLO BALL or TIDEFLEX DUCKBILL
CRISPIN MIDGET	KITZ WAFER or APOLLO BALL	KITZ WAFER, APOLLO BALL or TIDEFLEX DUCKBILL

NOTES:

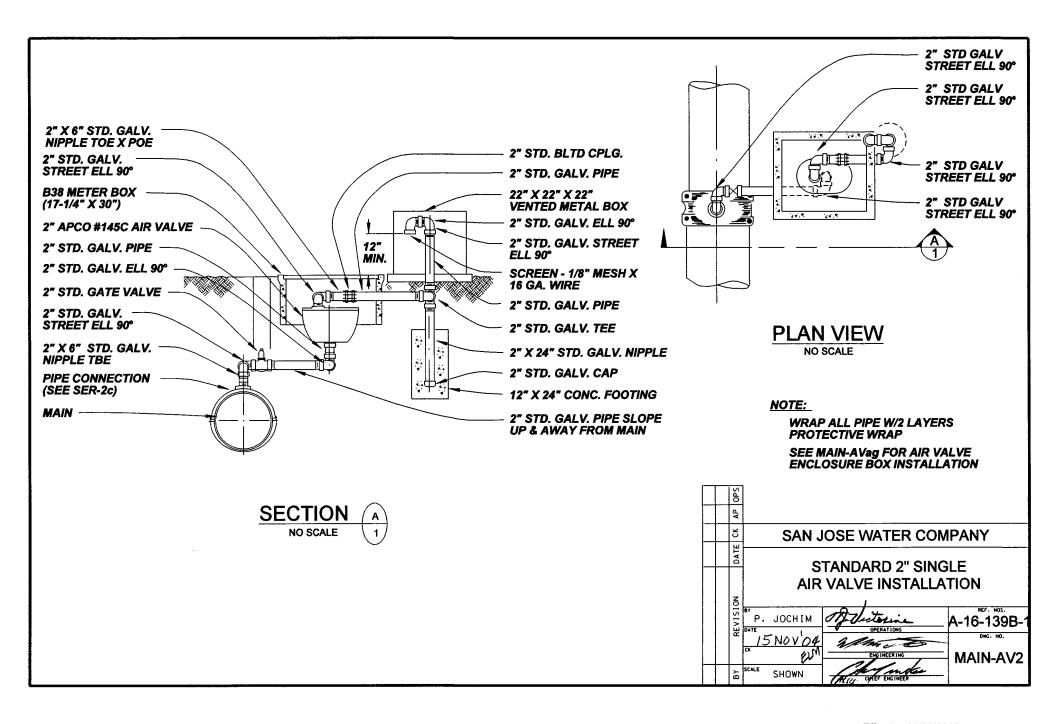
- 1) KITZ WAFER C.V. MUST BE MOUNTED VERTICALLY
- 2) BLOW OFF MAIN BEFORE INSTALLING AIR VALVE
- 3) CORP AND ANGLE STOP TO BE LEFT OPEN
- 4) MSN = METER SWIVEL NUT
- 5) REFER TO MATERIAL SPECIFICATIONS LIST FOR COMPLETE LIST OF MAKE & MODEL NUMBERS.

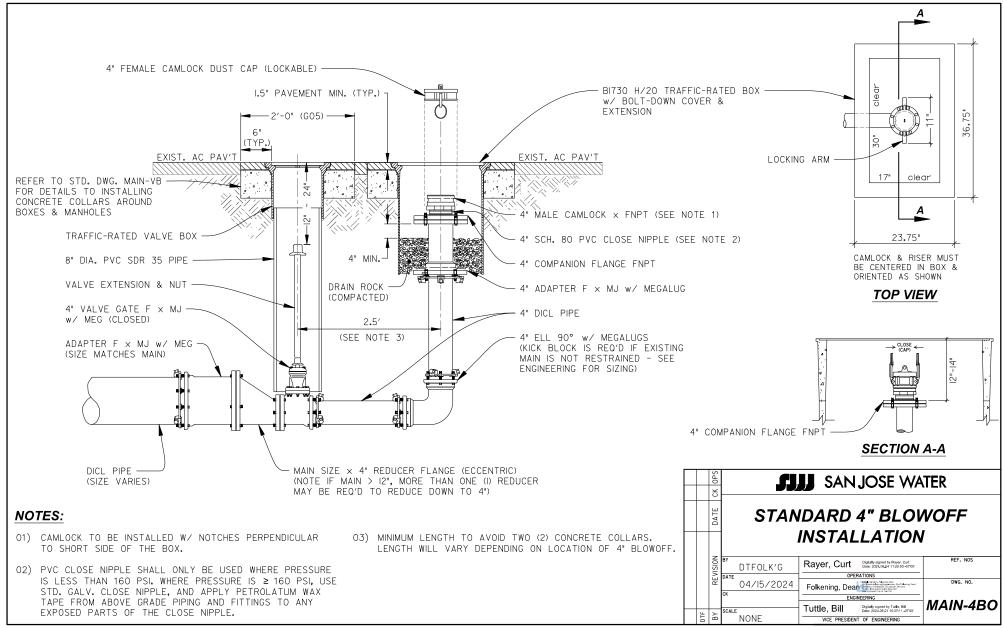
SAN JOSE WATER COMPANY

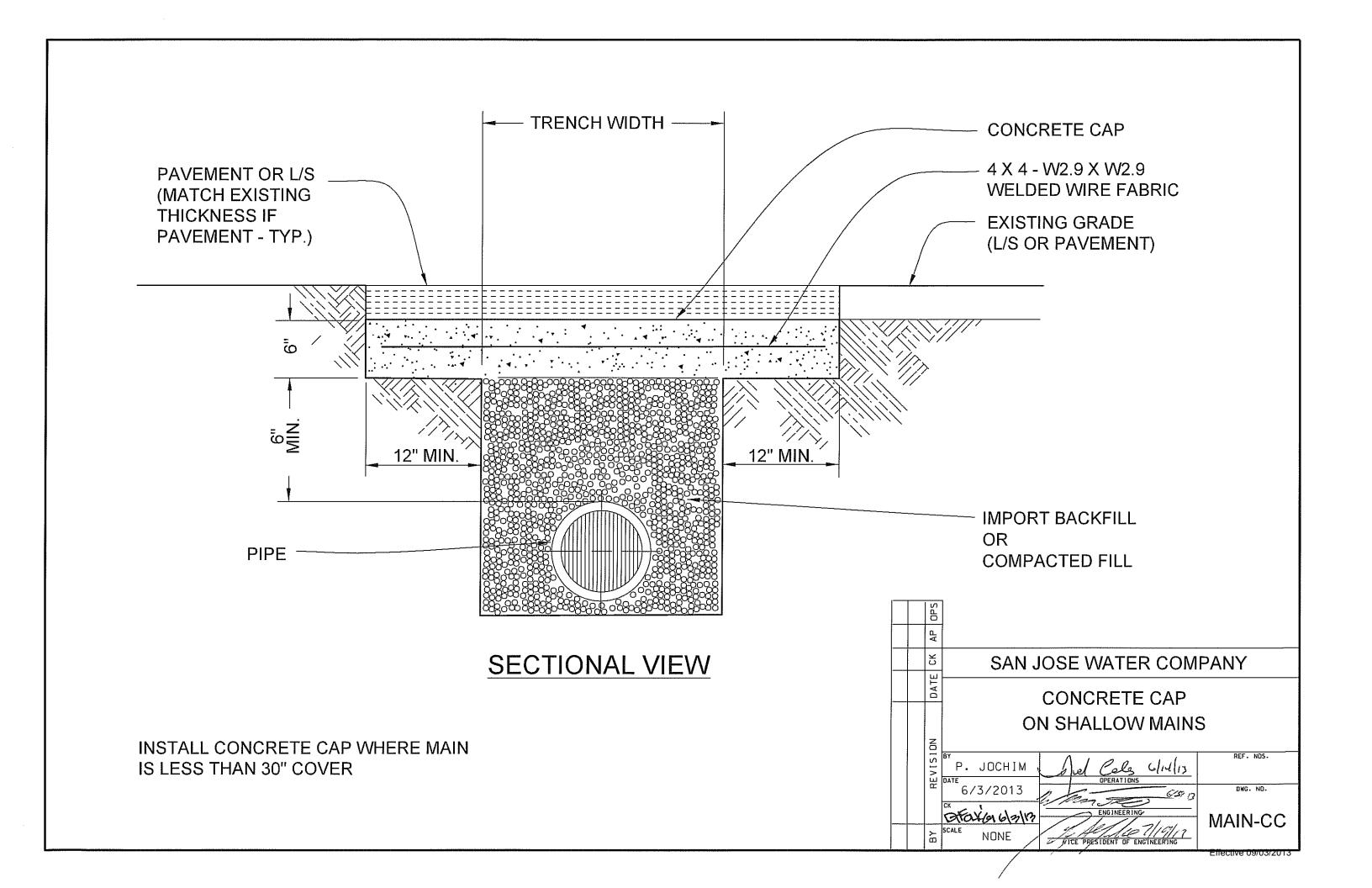
STANDARD 1/2" AIR VALVE INSTALLATION (IN PAVEMENT)

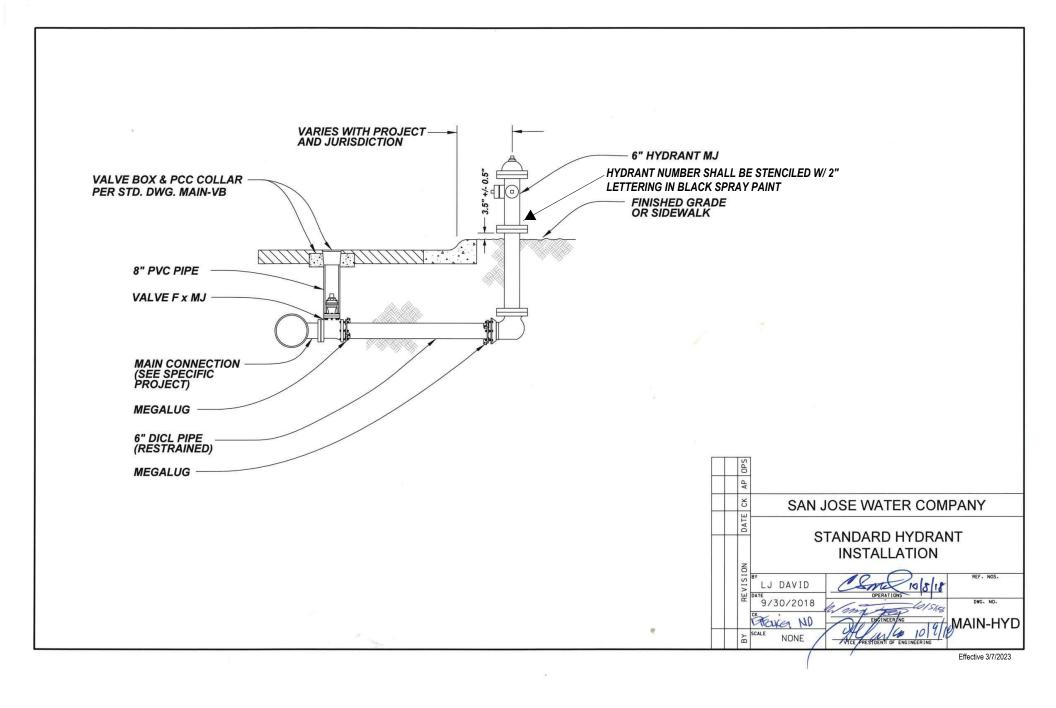
	114017		
5			
1017	N. TRINH	18 M 5/1/19.	
L L	DATE	DISTRIBUTION SYSTEMS / DATE	
r	5/7/2019	Mide Marker Stylia	
	ex starasty	ENGINEERING / DATE	M
_	SCALE NONE	ASSISTANT CHIEF ENGINEER / DATE	

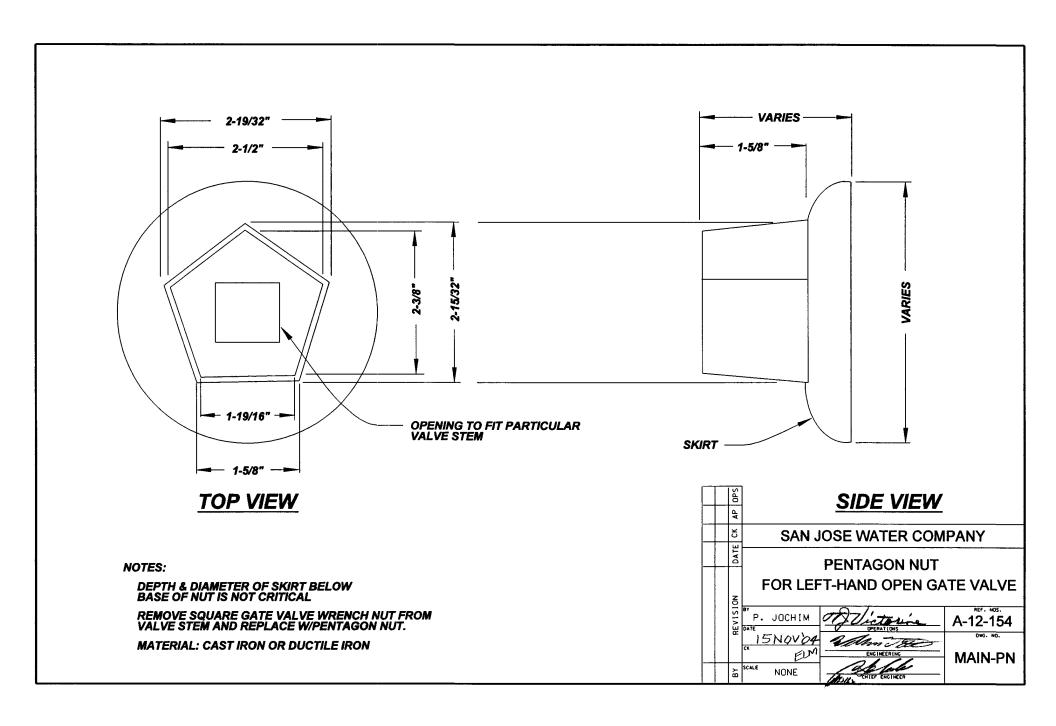
MAIN-AV pavt

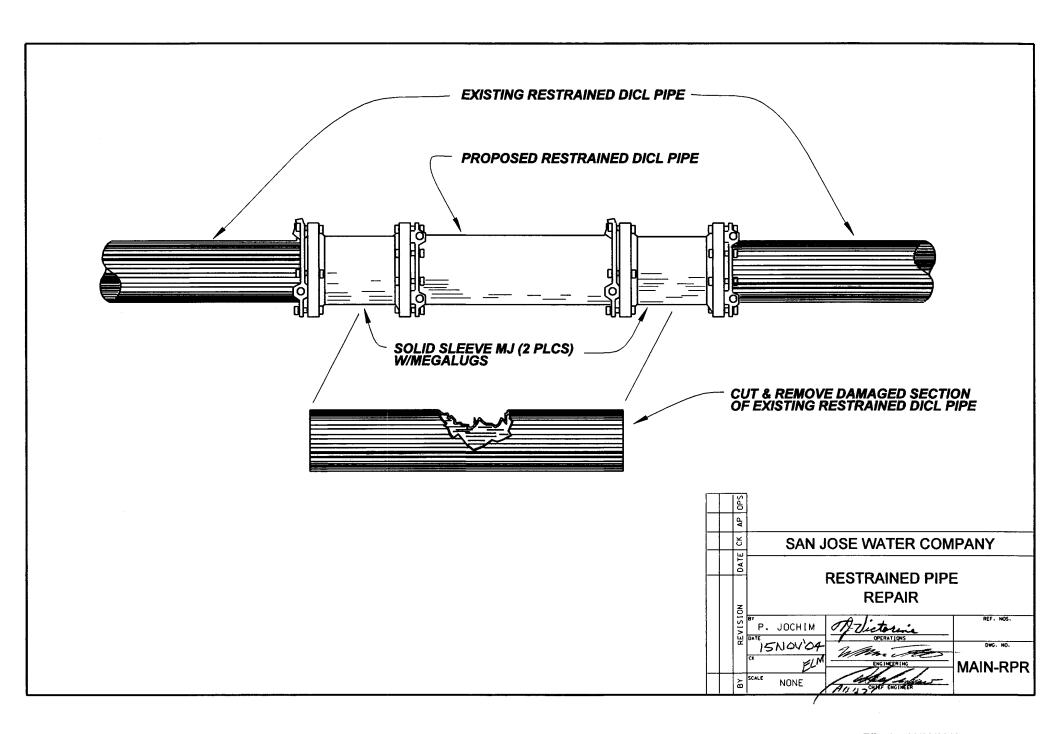


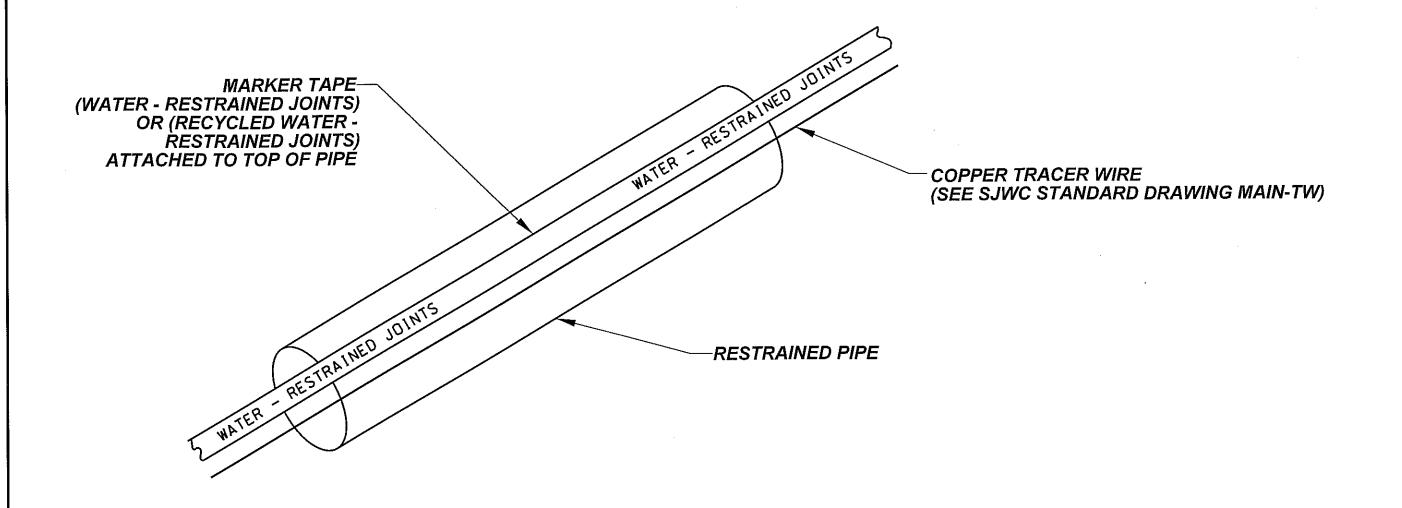






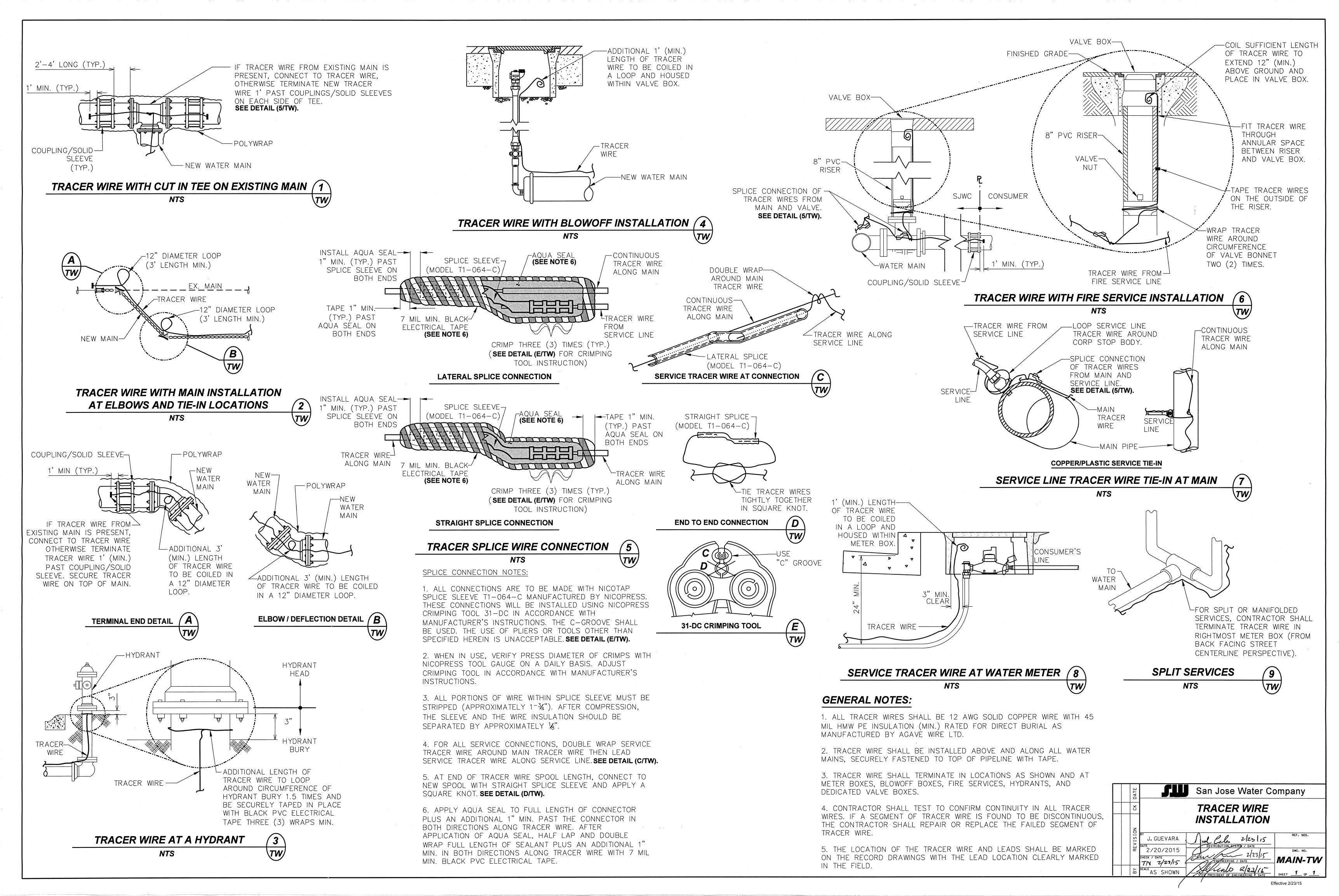


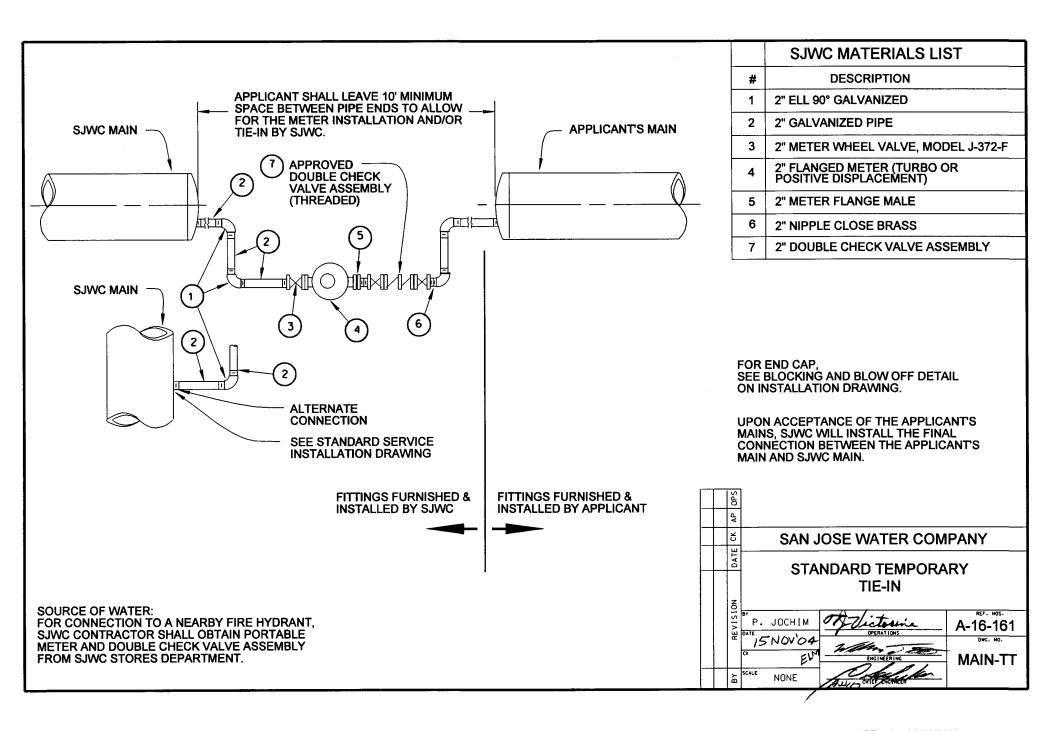


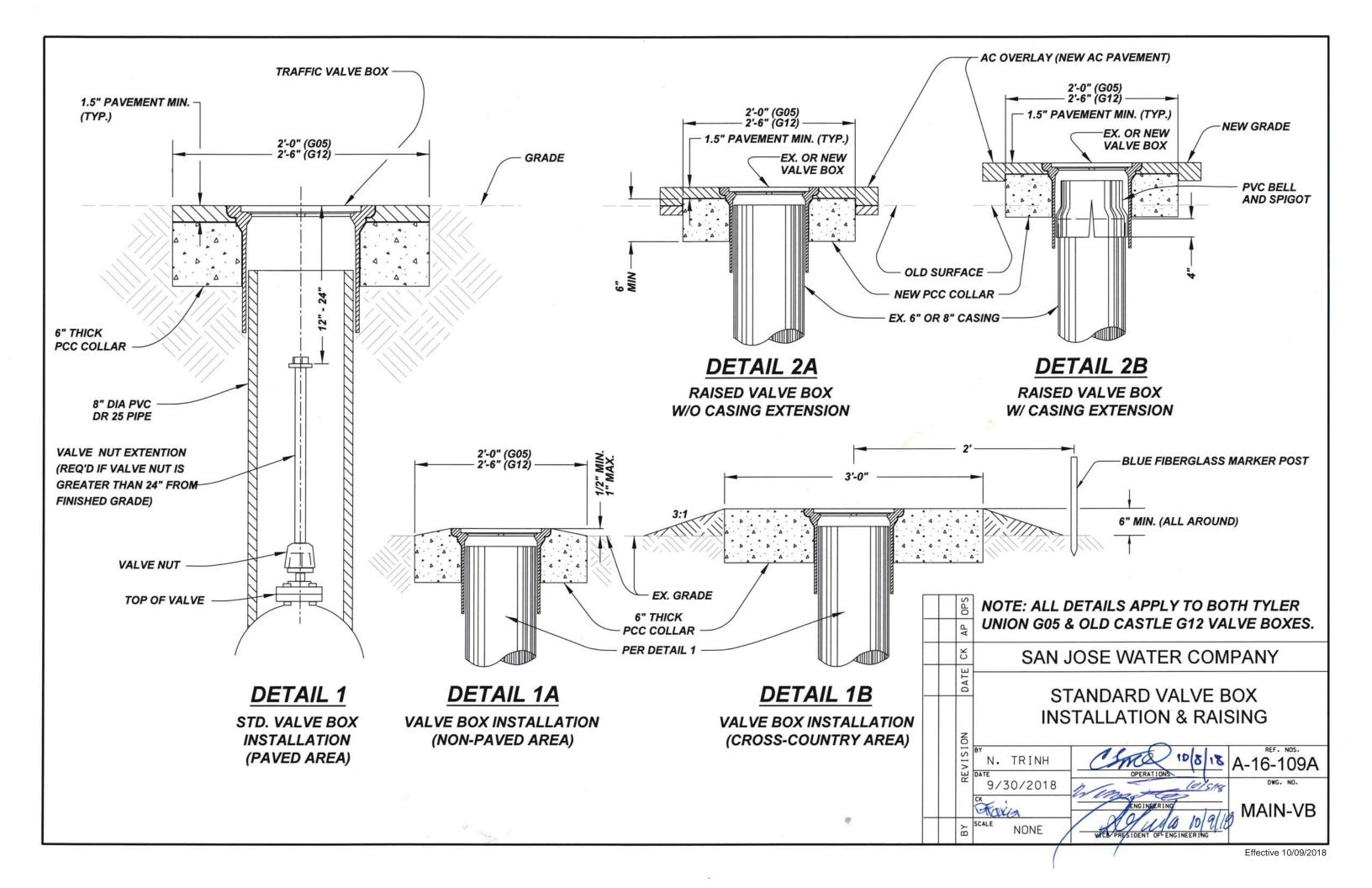


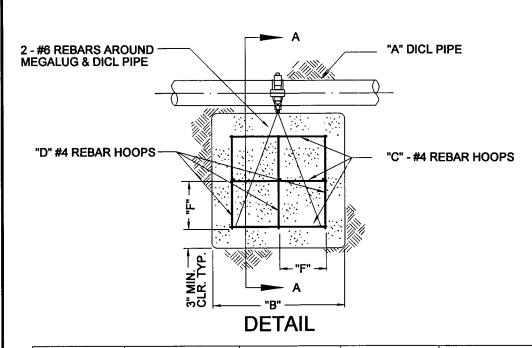
RESTRAINED PIPE MARKER TAPE AND TRACER WIRE DETAIL NTS

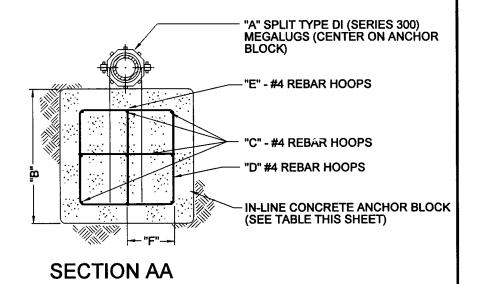
AP OPS		
통 SAN J	OSE WATER COM	PANY
	RESTRAINED PIPE MARKING	
DATE 2/3/15 CK TN 2/3/15	DISTRIBUTION SYSTEM / DATE ENGINEERING / DATE	DWG. NO.
SCALE NONE	VICE PRESIDENTION ENGINEERING / DATE	ective 2/11/15









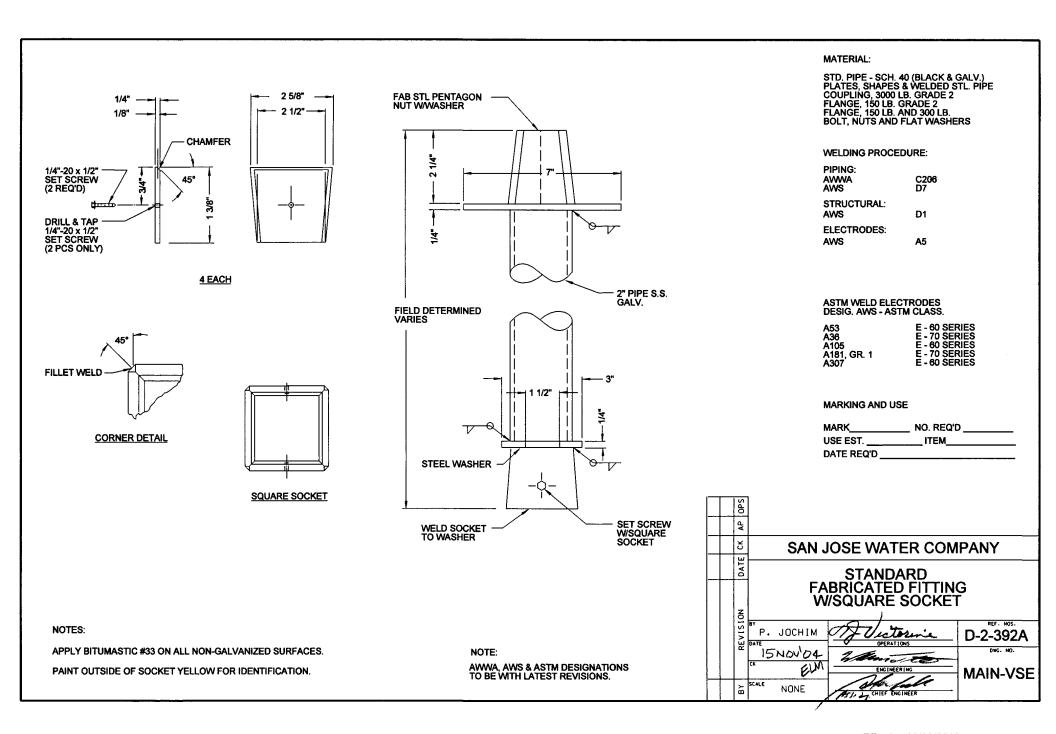


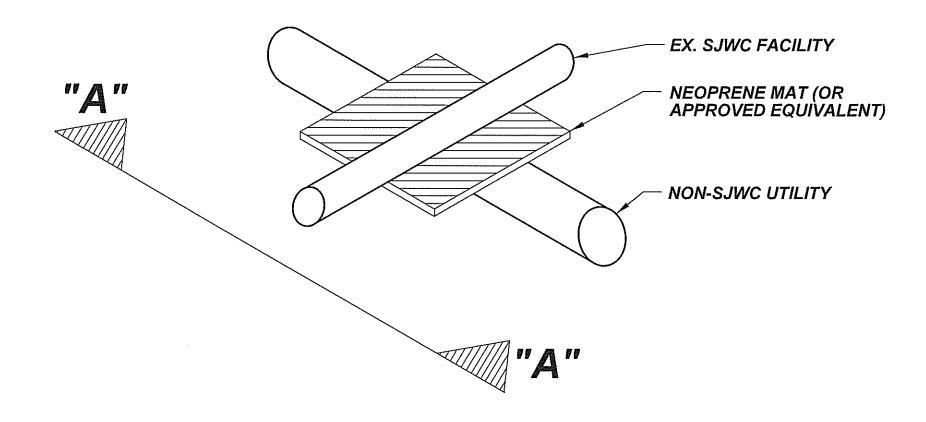
"A" NOMINAL SIZE (IN.)	"B" LENGTH OF ONE SIDE OF ANCHOR BLOCK (IN.)	"C" QUANTITY OF REBAR HOOPS -HORIZONTAL-	"D" QUANTITY OF REBAR HOOPS	"E" QUANTITY OF REBAR HOOPS -VERTICAL-	"F" APPROX. CENTER DISTANCE BETWEEN REBARS (IN.)
4"	30"	3	3	1	12"
6"	39"	4	4	2	11"
8"	45"	4	4	2	13"
10"	54"	5	5	3	12"
12"	60"	6	6	4	11"

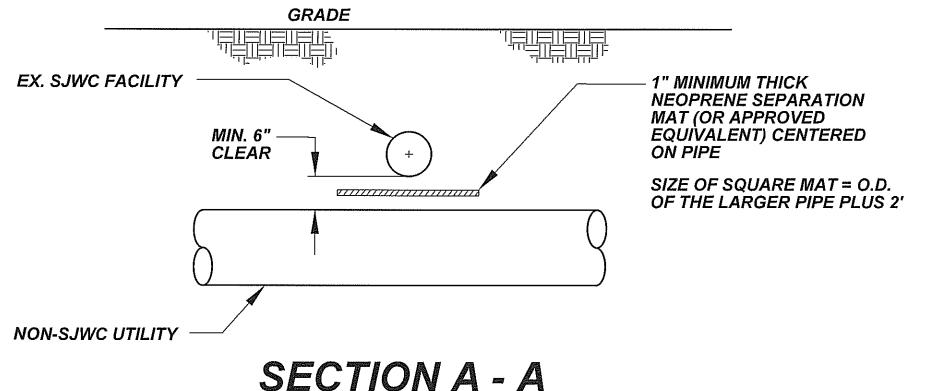
NOTES:

- 1.) IN-LINE ANCHOR BLOCK SHALL BE POURED AGAINST UNDISTURBED GROUND.
- 2.) APPLY TWO COATS OF SUPER TANK SOLUTION ON ALL METAL EXPOSED TO SOIL.
- 3.) ANCHOR BLOCK SIZES ARE BASED ON 150 PSI WORKING PRESSURE (SAFETY FACTOR OF 1.5) AND 2000 LBS./SQ. FT. BEARING SOIL.
 4.) CONCRETE SHALL BE KEPT CLEAR OF FLANGES, NUTS, AND BOLTS.

AP OPS	
8	SAN JOSE WATER COMPANY
ION DATE	IN-LINE ANCHOR BLOCK
REVISIO	P. JOCHIM OATE 15 NOVO 4 CK ENCINEERING MAIN-LAB
β	SCALE NONE ALSIN, CHIEF ENGINEER







NOTES:

BARRIER IS REQUIRED FOR ANY PROPOSED UTILITY CROSSING INVOLVING SJWC PIPING WHERE THE CLEARANCE BETWEEN THE 2 UTILITIES IS LESS THAN 12".

IF THE CLEARANCE IS LESS THAN 6", THEN THE PROPOSED CROSSING IS NOT ALLOWED; AN OFFSET MAY THEN BE REQUIRED IF AN ALTERNATE SOLUTION CAN'T BE FOUND.

	OPS	
	ΑР	
	Š	SAN JOSE WATER COMPANY
	DATE	
	NO	STANDARD SEPARATION BARRIER FOR UTILITIES < 12" CLEAR
	VISI	DTFOLKENING AL CLOS S/1/13 DATE OPERATIONS REF. NOS.
	Я	7/31/2013 CK CK ENGINEERING SEP-BAR
	ВУ	NONE WICE PRESIDENT OF ENGINEERING