

**16" ASR EXTENSION ALIGNMENT**

COMBINATION AIR RELEASE VALVE		
ID NO.	STA NO.	SIZE
AV-1	09+60	2"
AV-2	26+90	2"

BLOW-OFF VALVE	
ID NO.	STA NO.
BO-1	18+40
BO-2	33+44

WATER VALVE	
ID NO.	STA NO.
WV-1	18+80
WV-2	34+82
WV-3	34+98
WV-16	34+90 RT 15.84 TO WELL 5
WV-4	44+05
WV-5	44+20 LT 8.00
WV-8	44+33 TO WELL 6

ELBOW	
TYPE	NO.
11.25	4
22.50	N/A
45.00	8

TEE	
TYPE	NO.
16"x16"x16"	2

**NOTES:**

1. INSTALL WATER VALVES PER DETAIL SHEET 0000M10.
2. INSTALL BLOWOFFS PER DETAIL SHEET 0000M11.
3. INSTALL COMBINATION ARV PER DETAIL SHEET 0000M13.

**16" RECIRCULATION LINE**

COMBINATION AIR RELEASE VALVE		
ID NO.	STA NO.	SIZE
AV-3	9+70	2"
AV-7	26+70	2"

BLOW-OFF VALVE	
ID NO.	STA NO.
BO-3	17+12
BO-4	34+00

WATER VALVE	
ID NO.	STA NO.
WV-6	17+28
WV-9	44+35
WV-10	34+21
WV-12	34+10
WV-17	34+18 RT 10.00

ELBOW	
TYPE	NO.
11.25	4
45.00	46

TEE	
TYPE	NO.
16"x16"x16"	1

**16" PUMP TO WASTE**

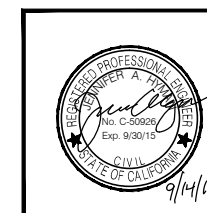
COMBINATION AIR RELEASE VALVE		
ID NO.	STA NO.	SIZE
AV-8	9+70	2"
AV-9	26+70	2"

BLOW-OFF VALVE	
ID NO.	STA NO.
BO-5	17+09
BO-6	33+80

WATER VALVE	
ID NO.	STA NO.
WV-7	17+20
WV-11	33+91
WV-13	33+96 RT 5.5 TO WELL 5
WV-14	43+94
WV-15	34+02
WV-19	44+07

ELBOW	
TYPE	NO.
11.25	N/A
22.50	2
45.00	6

TEE	
TYPE	NO.
16"x16"x16"	2



REVISIONS		
1	BID ADDENDUM 1	9/14/15 JAH

<b>TRANSMISSION MAINS FOR MPWSP MECHANICAL ASR PIPELINES EXTENSION VALVE TABLE</b>	
CALIFORNIA AMERICAN WATER	
URS CORPORATION 1333 BROADWAY, SUITE 800 OAKLAND, CALIFORNIA 94612	
DRAWN BY C. SOMERA PROJECT ENG'R J. HYMAN APPROVED C. SMITH	DATE SEPTEMBER 2015 PROJECT 60424498 USE DIMENSIONS ONLY SCALE AS SHOWN
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	
<b>2002M01</b>	