



NEW EQUIPMENT MATERIAL LIST

- ① INSTALL NEW 12" APCO AUTOMATIC CONTROL CHECK VALVE SERIES 8000 W/ LIMITORQUE AUTO VALVE OPERATOR COMPLETE WITH ALL ELECTRICAL WIRING AND CONTROLS AS REQD.
- ② INSTALL NEW 18" APCO AUTOMATIC CONTROL CHECK VALVE SERIES 8000 W/ MANUAL OPERATOR.

EXISTING VALVE & REDUCER  
REMOVAL NOTES:

- ① REMOVE EXISTING ELECTRICAL ACTUATOR FROM VALVE AND RETURN TO OWNER. REMOVE AND DISPOSE OF EXISTING VALVE AND REDUCER.
- ② REMOVE AND DISPOSE OF EXISTING VALVE AND REDUCER.

GENERAL NOTES:

1. ALL NEW CUSTOM FABRICATED REDUCERS TO BE DESIGNED AND DIMENSIONED BY THE FABRICATOR. SHOP DRAWINGS WILL BE REQUIRED ON EACH TYPE SHOWING SIZES, MATERIALS USED, HOLES, TAPPED HOLES, BOLT HOLE ALIGNMENTS, WELD SIZES AND TYPES, ETC. FOR APPROVAL BY THE OWNER.
  
2. EXISTING LINES INCLUDING BUT NOT LIMITED TO AIR RELIEF, VENT, AND DRAIN LINES ARE NOT SHOWN IN REVISED VALVE PLAN FOR CLARITY. ALL EXISTING SUCH LINES SHALL REMAIN IN SERVICE. IF ANY EXISTING LINES ARE REMOVED OR DAMAGED DURING CONSTRUCTION, SUCH LINES SHALL BE REPAIRED TO LIKE NEW CONDITION AT NO ADDITIONAL COST TO OWNER.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	6	-	4	6	6	7	.	9	0		0	1	9	7

[illegible]

PUMPS AND PIPING PLAN  
SCALE: 3/8"=1'-0"

PSTA31A	5-6-93	3/8"=1'
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APPROVAL OF AS BUILT DRAWING  
CHIEF CONSTRUCTION ENGINEER  
*Russell B. Lort*  
DATE 4-8-97

APPROVED FOR  
CONSTRUCTION  
*Joe D. Luby* for *Ric Roybal*  
CITY ENGINEER E-2202 DA

CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING GROUP					
STORM WATER PUMP STATION 31					
PUMP DISCHARGE CHECK VALVE MODIFICATION					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>A.G. Gendron</i>	<i>5-24-93</i>	WATER	<i>NA. MGB</i>	<i>5-10-93</i>
TRANSPORT	<i>NA. MGB</i>	<i>5-10-93</i>	WASTEWATER	<i>NA. MGB</i>	<i>5-10-93</i>
HYDROLOGY	<i>Stuart Boring</i>	<i>5-10-93</i>			
PROJECT NO. 4667 90		MAP NO. 1-14		SHEET 1 OF 1	