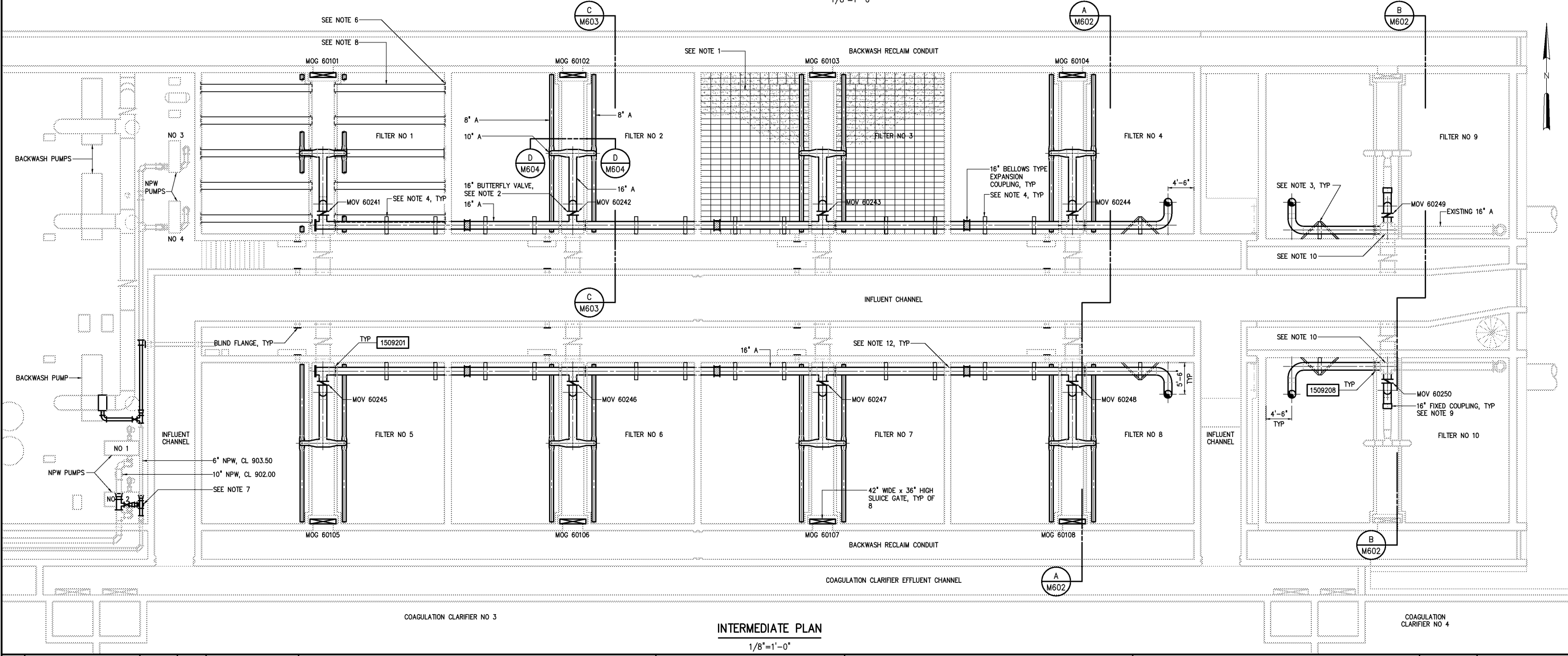


**PARTIAL TOP PLAN**  
1/8"=1'-0"

- NOTES:**
- 1 PROVIDE NEW FILTER MEDIA AND LOW PROFILE BLOCK UNDERDRAIN IN FILTER NUMBERS 1 – 8.
  - 2 PROVIDE OPERATOR EXTENSION AND ELECTRIC OPERATOR FOR 16" BUTTERFLY VALVE, TYPICAL IN FILTER NUMBERS 1 – 10.
  - 3 FIXED PIPE SUPPORT. SEE DETAIL 1/M604.
  - 4 SLIDING PIPE SUPPORT. SEE DETAIL 2/M604.
  - 5 CONTRACTOR FIELD VERIFY FILTER DIMENSIONS PRIOR TO SUBMITTING FILTER EQUIPMENT.
  - 6 SET WASHWATER TROUGH IN EXISTING POCKETS AND GROUT FLUSH WITH BASIN WALL.
  - 7 PROVIDE INTERCONNECTION WITH 6" GATE VALVE BETWEEN 6" NPW AND 10" NPW.
  - 8 PROVIDE NEW WASHWATER TROUGHS IN FILTER NUMBERS 1 – 8. GROUT TROUGH DISCHARGE END IN PLACE PER MANUFACTURERS INSTRUCTIONS.
  - 9 PREPARE ENDS OF NEW AND EXISTING PIPING AS REQUIRED BY FIXED COUPLING MANUFACTURER. SEE SPECIFICATION SECTION 15000.
  - 10 ROTATE EXISTING TEE AS SHOWN FOR FILTER NOS. 9-10.
  - 11 PROVIDE ALL MATERIALS REQUIRED TO INSTALL FSL-60403 IN THE AIR SCOUR BLOWER DISCHARGE PIPING IN THE BLOWER BUILDING. REFER TO DWG 1600.
  - 12 CORE DRILL WALL TO ALLOW PIPE PENETRATION.



**INTERMEDIATE PLAN**  
1/8"=1'-0"

3	AS BUILT	OCT 2007	RLT
2	CONSTRUCTION	MAR 2004	RLT
1	REGULATORY APPROVAL	NOV 2003	RLT
NO.	ISSUED FOR	DATE	BY
			APPROVED

DESIGNED MAF  
DRAWN RWB  
CHECKED  
PROJ. ENGR. DAN

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIORE, SEAL NO. 22769

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY RONALD L. TAYLOR, SEAL NO. 024649

**RECORD DRAWING**

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**CITY OF ROANOKE**  
VIRGINIA

**REGIONAL WATER POLLUTION CONTROL PLANT**  
PROCESS TRAIN IMPROVEMENTS

**EFFLUENT FILTER MODIFICATIONS**

**MECHANICAL**  
INTERMEDIATE PLAN

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE MARCH 2004	H & S JOB NUMBER 30788B
	CONTRACT NUMBER B	DRAWING NUMBER M601