

PROJECT MANAGER: Mohammad Zaid, PE (1540) 387-5374 (Salem)
SURVEYED BY: Richard Zlams, L.S. (703) 1631-5325 (Burgess & Niple)
DESIGN SUPERVISED BY: J. Scott Hodge, PE (1540) 857-3322 (AECOM)
DESIGNED BY: Craig Riddin, PE (1540) 857-3369 (AECOM)

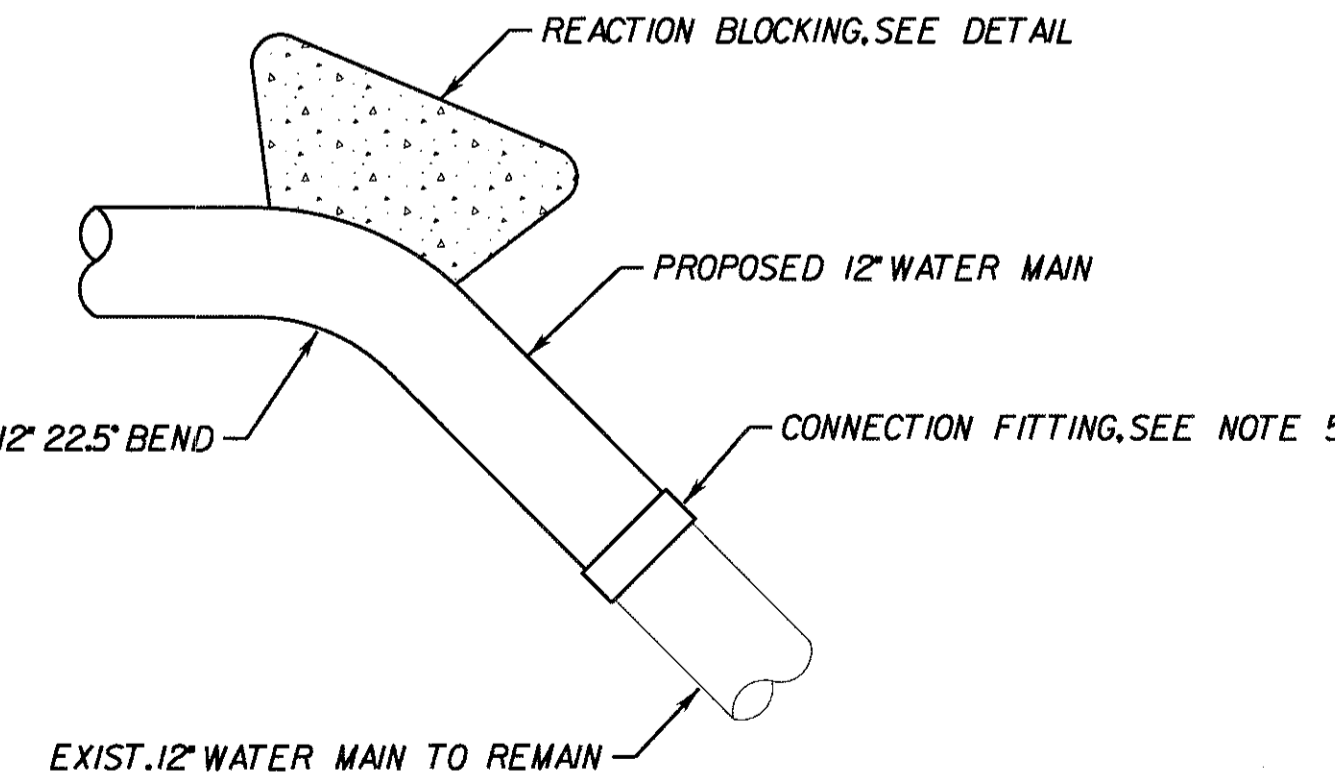
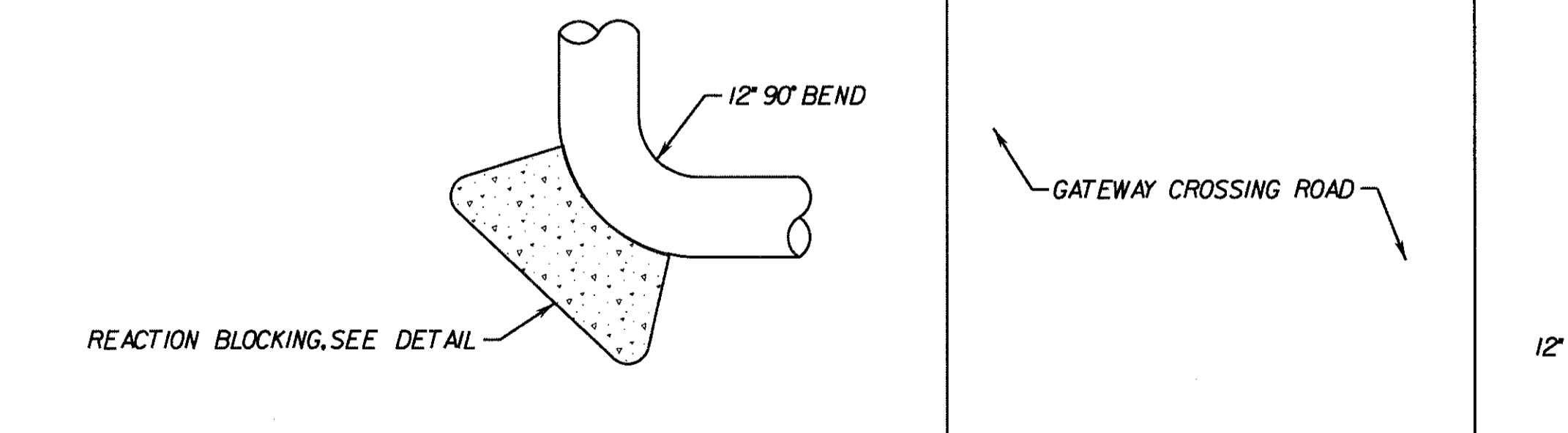
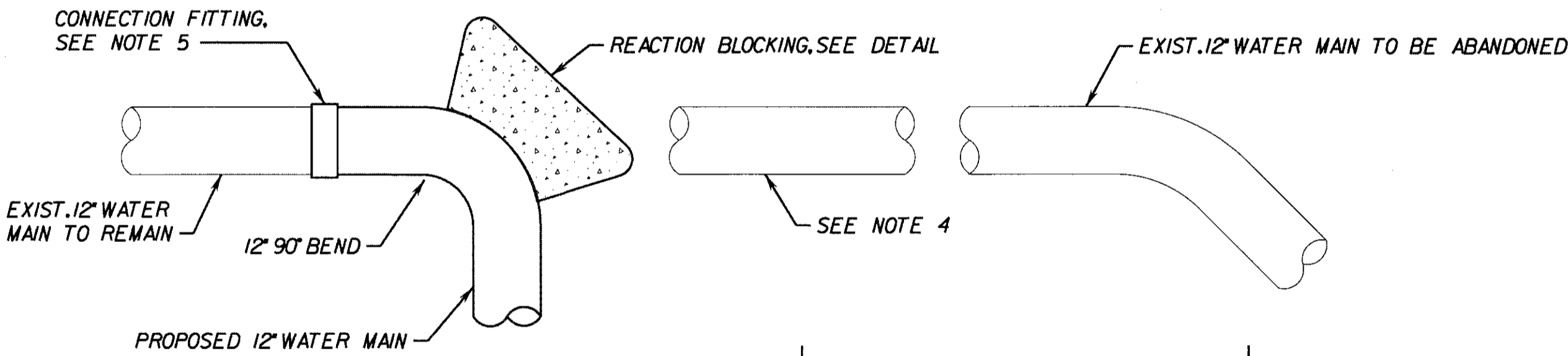
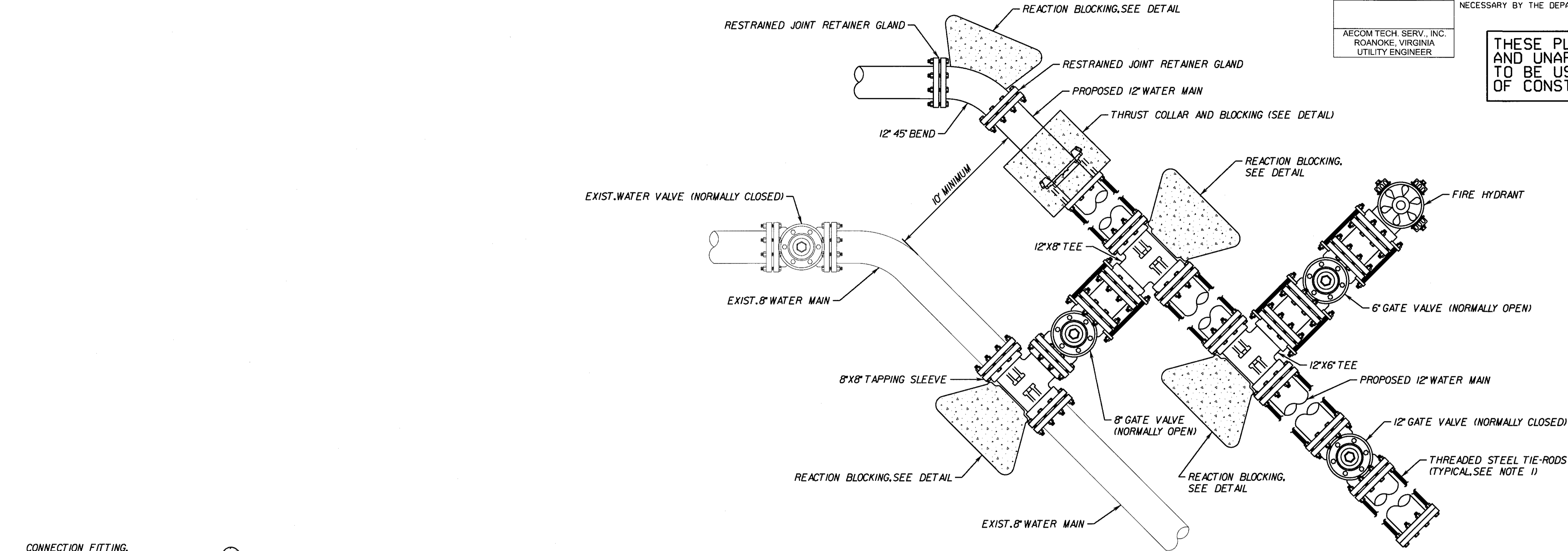
UTILITY DETAILS

| REVISED | STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---------|-------|-------|---------------------------------------|-----------|
| | VA. | 11 | 0081-011-120, PE-102 RW-202, C-502 | 18D |

DESIGN FEATURES RELATING TO CONSTRUCTION
OR TO REGULATION AND CONTROL OF TRAFFIC
MAY BE SUBJECT TO CHANGE AS DEEMED
NECESSARY BY THE DEPARTMENT

AECOM TECH. SERV., INC.
ROANOKE, VIRGINIA
UTILITY ENGINEER

THESE PLANS ARE UNFINISHED
AND UNAPPROVED AND ARE NOT
TO BE USED FOR ANY TYPE
OF CONSTRUCTION.



NOTES:
1. TIE-RODS SHALL BE ASTM A307 CADMIUM COATED TIE-RODS. PROVIDE SIX (6) 3/4 INCH DIAMETER RODS.

DETAIL C
NO SCALE

NOTES:
1. ALL JOINTS RESTRAINED.
2. COORDINATE WITH TOWN OF TROUTVILLE PRIOR TO RELOCATING WATER MAIN AS REQUIRED TO CROSS GATEWAY CROSSING ROAD BEING CONSTRUCTED.
3. RELOCATION OF WATER MAIN TO CROSS GATEWAY CROSSING ROAD TO BE PERFORMED PRIOR TO GRADING OPERATIONS TO INSTALL PROPOSED ROAD. CONTRACTOR SHALL BUILD AS MUCH OF RELOCATED WATER MAIN AS POSSIBLE PRIOR TO MAKING CONNECTIONS AS DETAILED TO ENSURE MINIMAL SERVICE INTERRUPTION. CONTACT TOWN OF TROUTVILLE MINIMUM FOURTEEN (14) DAYS PRIOR TO MAKING CONNECTIONS. CONFORM TO ALL TOWN REQUIREMENTS WHEN MAKING CONNECTIONS.
4. REMOVE EXISTING WATER MAIN TO BE ABANDONED AS INDICATED ON PLAN.
5. CONNECTION FITTING AS SPECIFIED IN WATER/SANITARY SEWER UTILITY NOTES.

DETAIL D
NO SCALE

PROJECT
0081-011-120

SHEET NO.
18D