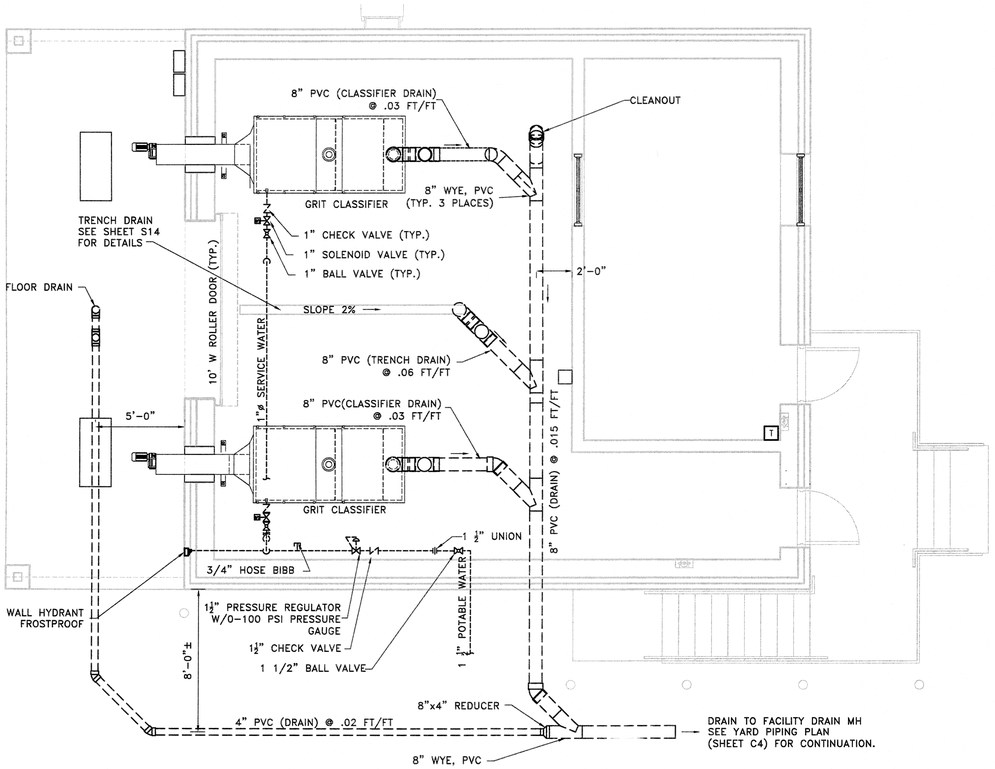
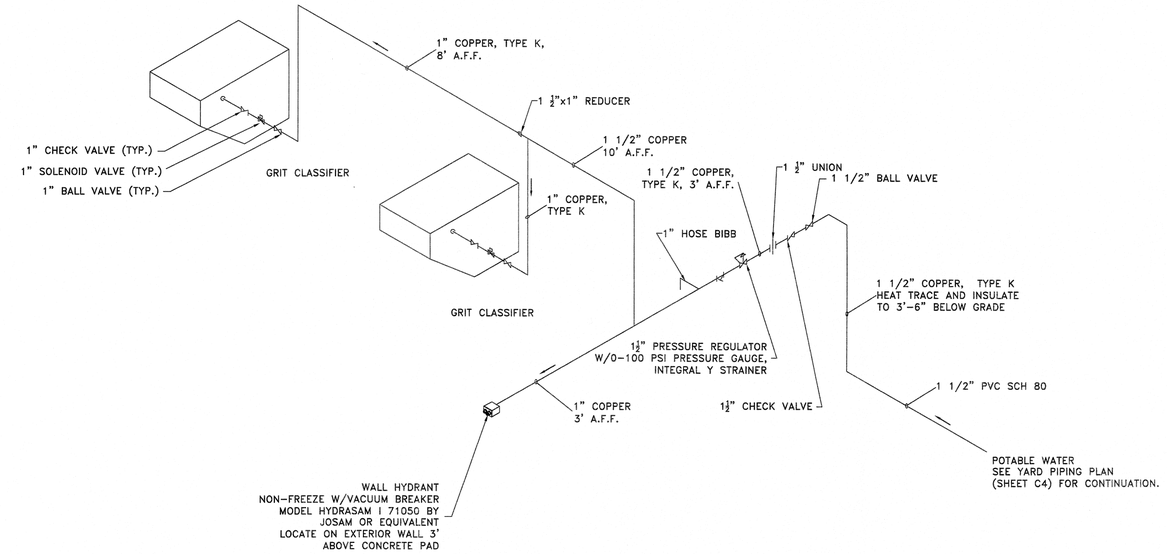


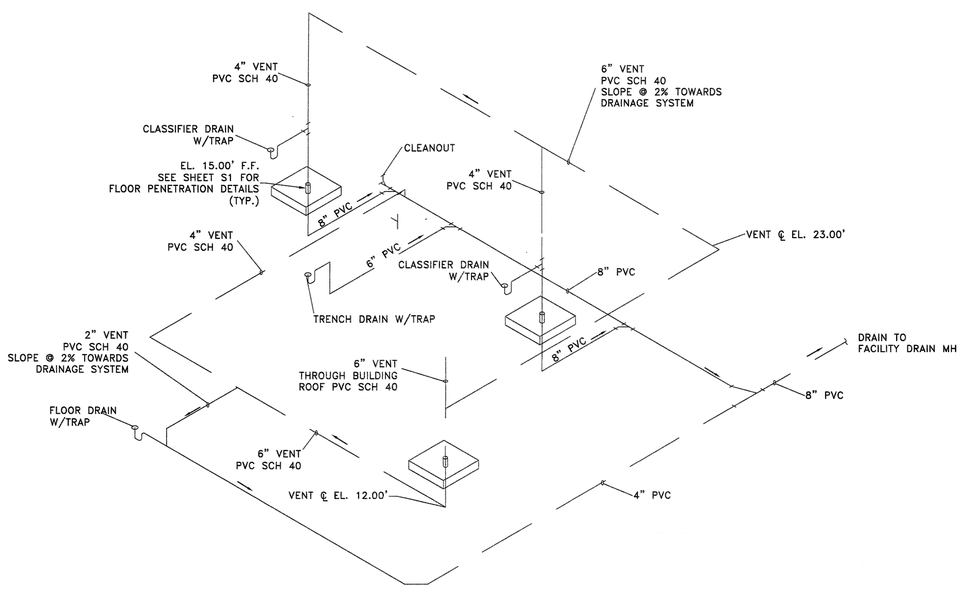
GRIT CLASSIFIER BUILDING DOMESTIC WATER AND SANITARY DRAIN PLAN

SCALE: 1/4"=1'-0"



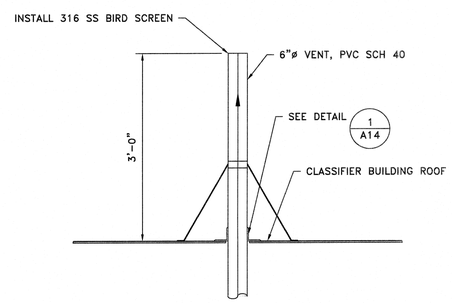
DOMESTIC WATER RISER DIAGRAM

SCALE: NONE



SANITARY RISER DIAGRAM

SCALE: NONE



DETAIL 1 BUILDING VENT ROOF PENETRATION

SCALE: NONE

GENERAL PLUMBING NOTES:

1. ALL PLUMBING WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT APPLICABLE EDITION OF THE INTERNATIONAL BUILDING CODE AS ADOPTED AND IMPLEMENTED BY THE STATE OF NEW JERSEY UNIFORM CONSTRUCTION CODE. ALL WORK SHALL ALSO COMPLY WITH THE LATEST CURRENT EDITION OF THE NATIONAL STANDARD PLUMBING CODE AS ADOPTED AND IMPLEMENTED BY THE STATE OF NEW JERSEY UNIFORM CONSTRUCTION CODE.
2. ESTABLISH ELEVATIONS OF BURIED PIPE OUTSIDE OF BUILDING TO ENSURE NOT LESS THAN 3'-6" OF COVER FOR SANITARY SEWER PIPING AND NOT LESS THAN 3'-6") OF COVER FOR WATER PIPING.
3. OBTAIN ALL REQUIRED APPROVALS BEFORE STARTING INSTALLATION.
4. ALL PENETRATIONS IN SLABS, ROOF AND WALLS SHALL BE SEALED AND MADE WATERTIGHT AS INDICATED IN SPECIFICATIONS.
5. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR DETAILS ON OPENINGS IN WALLS, ROOF AND SLABS.
6. CONTRACTOR TO PROVIDE ALL PIPING AND EQUIPMENT SUPPORTS AS NEEDED.
7. CONTRACTOR SHALL DESIGN, PROVIDE AND INSTALL ALL PIPE SUPPORTS TO SUPPORT THE PIPES AND EQUIPMENT SHOWN. THE DESIGN OF ALL PIPE SUPPORTS SHALL BE BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW JERSEY. WHERE A PIPE SUPPORT IS SHOWN ON THE PLAN, THE CONTRACTOR SHALL DESIGN, PROVIDE AND INSTALL A PIPE SUPPORT AT THE LOCATION SHOWN AND IN THE ORIENTATION SHOWN. SEE PLANS AND SPECIFICATION FOR DESIGN AND OTHER PIPE SUPPORT REQUIREMENTS. CONTRACTOR SHALL SUBMIT FOR REVIEW, PIPE SUPPORTS CALCULATIONS AND SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW JERSEY. MATERIALS SHALL NOT BE FABRICATED UNTIL THE ENGINEER'S APPROVAL HAS BEEN OBTAINED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ELEVATIONS PRIOR TO ORDERING ANY EQUIPMENT. NO ALLOWANCES WILL BE MADE BY THE OWNER FOR ERRORS RELATED TO THE CONTRACTOR NOT VERIFYING AND CHECKING THE DIMENSIONS AND ELEVATIONS IN THE FIELD.
9. HEAT TRACING WITHIN SHALL BE WITHIN THE GRIT CLASSIFIER BUILDING SUITABLE FOR EXPLOSION PROOF ENVIRONMENTS.
10. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE TOWNSHIP AND THE ENGINEER AND ALL OTHER CONTRACTORS TO MINIMIZE INTERUPTIONS TO NORMAL TOWNSHIP OPERATION.
11. THE CONTRACTOR SHALL SUBMIT DETAILED WORK PLAN INCLUDING SEQUENCE OF OPERATIONS INCLUDING BY-PASS FLOW ARRANGEMENTS PRIOR TO COMMENCING WORK AND SHALL BE SUBJECT TO APPROVAL OF THE TOWNSHIP. SEE SPECIFICATIONS.
12. ALL DIMENSIONS TO BE FIELD VERIFIED, UNLESS STATED OTHERWISE.
13. ALL HARDWARE SHALL BE STAINLESS STEEL.
14. PROVIDE FLEXIBLE CONNECTIONS AS PER EQUIPMENT MANUFACTURER'S STANDARDS.
15. ALL PIPING IS NOT SHOWN ON PLAN AND SECTION VIEWS.
16. THE GRIT CLASSIFIER ROOM AND THE EXISTING PUMP STATION BUILDING IS CLASSIFIED AS A CLASS I DIVISION 1, GROUP D, EXPLOSION HAZARD AREA AND ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS.
17. REFER TO SHEET C4, YARD PIPING PLAN.

APPROVED: 4/13/17
Richard A. Alaimo
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NO. 13195

REVISIONS	DATE	BY

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GRIT CHAMBER UPGRADE

DOMESTIC WATER AND SANITARY PIPING PLAN

SCALE: AS NOTED

CLIENT: WOODBRIDGE TOWNSHIP

PROJECT LOCATION: WOOBRIDGE TOWNSHIP, MIDDLESEX COUNTY, NEW JERSEY

PROJECT NO.: B-0726-0023-000

CONTRACT NO.: 1230

DATE: APRIL 2017
DESIGNED BY: LMG
DRAWN BY: HC
CHECKED BY:
DEPT. HEAD:

SHEET P1

FILE NO.:

Plotted: 4/10/2017 3:14 PM Last saved: 12/28/2016 9:58 AM File Name: K:\Projects\B0726\0023\00\Drawings\Cdr-P01_Domestic_Water_ and Sanitary Piping Plan.dwg