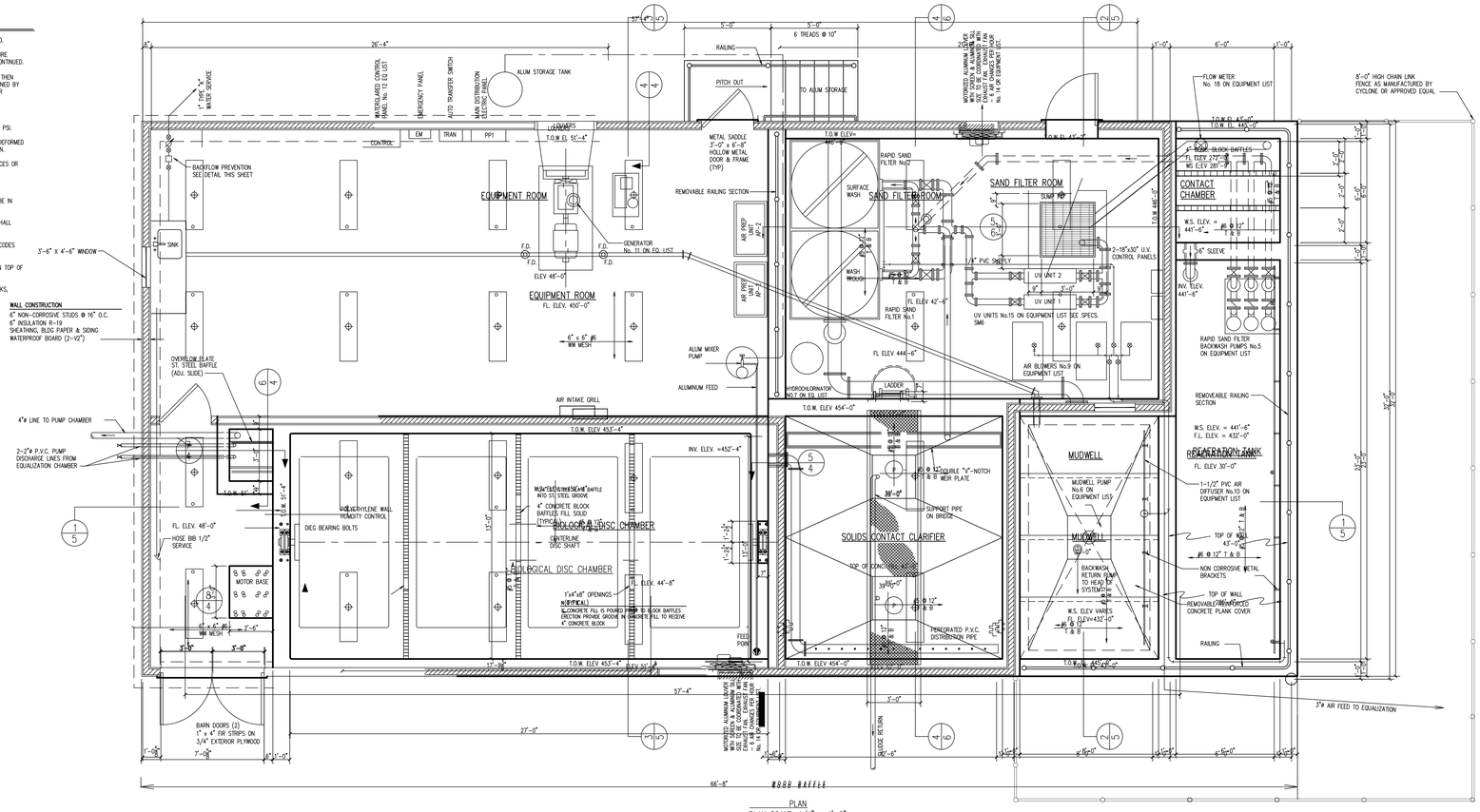
GENERAL NOTES

1. ALL FOUNDATIONS MUST REST ON UNDISTURBED SOIL OR ON PILES IF REMOVED.
2. ASSUME SOIL BEARING PRESSURE IS 3000 PSF. IF ASSUMED BEARING PRESSURE CANNOT BE ATTAINED, ENGINEER TO BE NOTIFIED BEFORE CONSTRUCTION IS CONTINUED.
3. BACKFILL IS TO BE SPREAD IN LAYER NOT MORE THAN 6" IN THICKNESS AND THEN COMPACTED TO A RELATIVE COMPACTION OF NOT LESS THAN 95% AS DETERMINED BY THE CURRENT ASTM METHOD OF TEST D-698 UNLESS OTHERWISE SPECIFIED OR ORDERED BY THE ENGINEER.
   DESIGN AND CONSTRUCTION TO CONFORM TO THE ACE-318 LATEST EDITION.
4. ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 3000 PSI.
5. REINFORCING BARS SHALL BE GRADE 60 CONFORMING TO SPECIFICATION FOR DEFORMED BILLET STEEL BARS FOR CONCRETE REINFORCEMENT ASTM A615 LATEST EDITION.
6. CONTINOUS REINFORCING BARS SHALL BE LAPPED 36 BAR DIAMETERS AT SPLICES OR AS INDICATED.
7. ALL EXPOSED EDGES TO HAVE 3/4" CHAMFER.
8. ALL EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, AND PIPING, TO BE IN PLACE BEFORE CONCRETE IS POURED.
9. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND SHALL NOTIFY (ENGINEER) OF ALL DISCREPANCIES BEFORE STARTING WORK.
10. COVER OVER REINFORCING MEMBERS SHALL BE IN ACCORDANCE WITH LATEST CODES COVERING SEWAGE TREATMENT PLANTS.
11. 12" OF NO. 1 STONE IS REQUIRED UNDER ALL FOOTINGS AND FOUNDATIONS ON TOP OF VINYL FILTER CLOTH.
    COAL TAR COATING TO BE APPLIED TO ALL EXTERIORS OF TANKS, SEPTIC TANKS, EQUALIZATION CHAMBER AND SEWER MAN HOLES.

WALL CONSTRUCTION
6" NON-CORROSIVE STUDS @ 16" O.C.
6" INSULATION R-19
SHEATHING, BLDG PAPER & SIDING
WATERPROOF BOARD (2-1/2")



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

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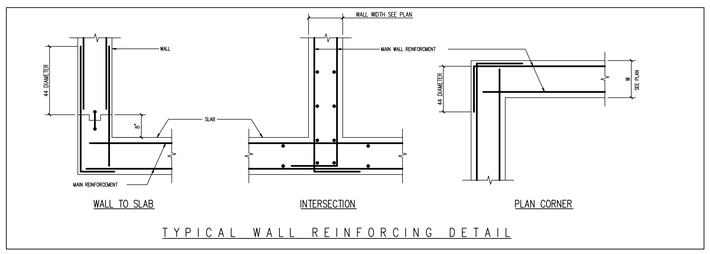
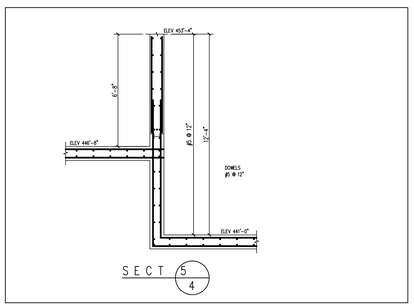
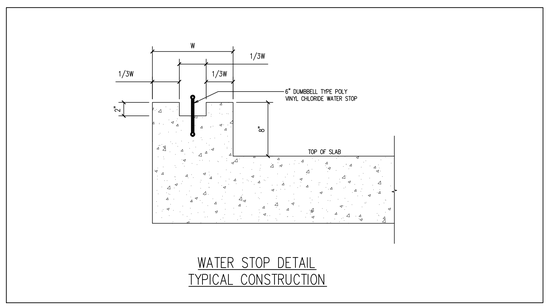


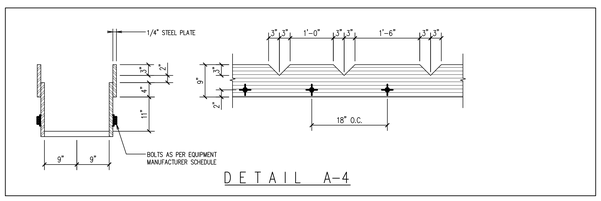
TYPICAL WALL REINFORCING DETAIL



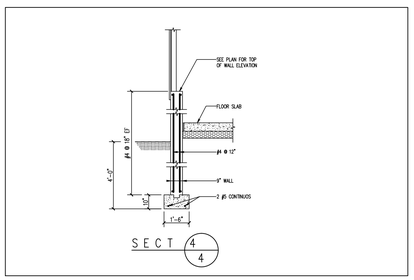
SECT 5/4



WATER STOP DETAIL
TYPICAL CONSTRUCTION



DETAIL A-4



SECT 4/4

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

REV.	DESCRIPTION	BY	DATE
1	TOWN PLANNER MEMO (7/8/2010) & TOWN ENGINEER MEMO (7/9/2010)	PL	December 29, 2010
2	TOWN PLANNER MEMO (9/9/2011) & TOWN ENGINEER MEMO (9/3/2011)	DPG	February 24, 2012
3	COMPLETENESS SUBMISSION	DPG	July 31, 2012
4	ACCEPTED DRAWING SET	DPG	September 12, 2012
5	RESOLUTION 139-13	PJG	April 22, 2013

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P.E. for Civil Engineering Only

CONCRETE LAYOUT
WASTEWATER TREATMENT FACILITY
HIGHGATE - WOODLANDS AT NORTH SALEM
REED ROAD AND HARDSCRABBLE ROAD
TOWN OF NORTH SALEM
COUNTY OF WESTCHESTER
STATE OF NEW YORK

DRAWN BY: RN	CHECKED BY: DC
SCALE: AS NOTED	
DATE: NOVEMBER 1, 2005	
JOB NUMBER	SHEET
	CL-1, WWTP 4 OF 15