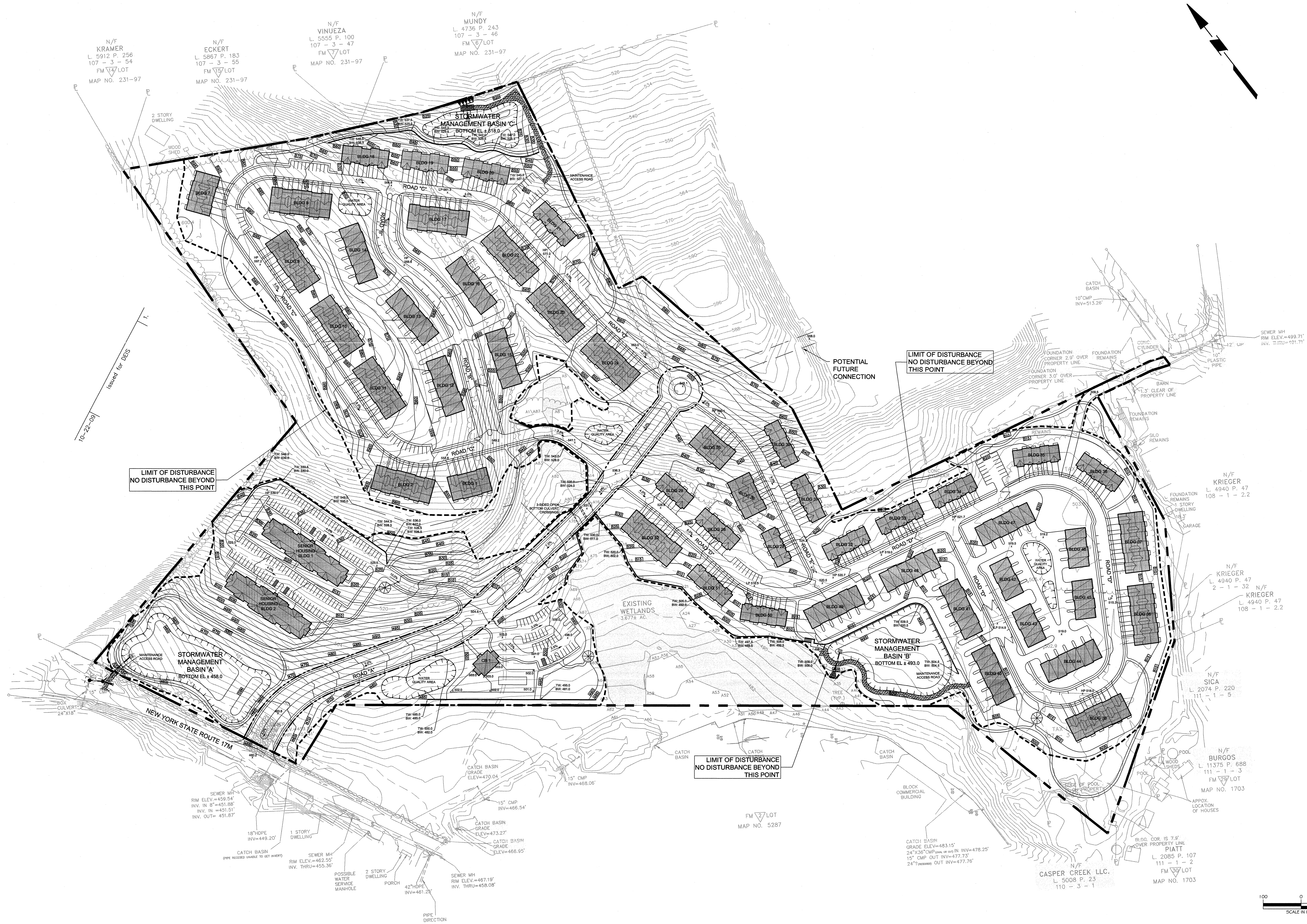




GENERAL NOTES

- EXISTING BOUNDARY, PLANIMETRIC AND TOPOGRAPHIC INFORMATION OBTAINED FROM A SURVEY ENTITLED "SURVEY PREPARED FOR BT PARTNERSHIP", DRAWING NUMBER A-05-0038-01, PREPARED BY LANG & TULLY ENGINEERING AND SURVEYING, P.C., LAST REVISED MAY 17, 2006.
- BOUNDARY INFORMATION FOR LANDS TO BE ACQUIRED FROM NEXANS ENERGY USA INC. OBTAINED FROM A SURVEY ENTITLED "SURVEY OF PROPERTY FOR NEXANS ENERGY USA INC. TO BE SUBDIVIDED AND CONVEYED TO BT HOLDINGS LLC", DRAWING NUMBER 0879-79, PREPARED BY JAMES DILLIN, DATED FEBRUARY 7, 2008.

Date	Description	No.
1-20-11	Revised in coordination with FEIS	2.
10-22-09	Issued for DEIS	1.

UNAUTHORIZED ALTERATION OR ADDITION TO PLANS BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 206, SUB-DIVISION 2 OF N.Y. STATE EDUCATIONAL LAW.



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NJ Certificate of Authorization No. 245A27996400

Project

**CHESTER
DEVELOPMENT**
VILLAGE OF CHESTER

ORANGE COUNTY

NEW YORK

Drawing Title

**GRADING AND
DRAINAGE PLAN**

Project No. **9123501**

Date **2-17-2009**

Scale **1"=100'**

Drn. By **BDH**

Last Revised **1-20-2011**

Drawing No.

21.01

Of

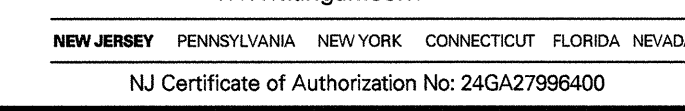
1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES WHERE SHOWN ON THE PLAN.
2. INSTALL SEDIMENT BARRIERS/SWALES/DITCHES/DIKES AT DOWN SLOPE SLOAN AREA FROM ALL PROPOSED GRADING OPERATIONS, AND INSTALL OTHER SEDIMENTATION AND EROSION CONTROL STRUCTURES WHERE SHOWN ON THE DRAWINGS.
3. LAND DISTURBED SHALL BE LIMITED TO ONLY THAT AREA NECESSARY FOR DEVELOPMENT, NO MORE THAN FIVE (5) ACRES OF UNPROTECTED SOIL SHALL BE DISTURBED AT ANY ONE TIME WITHOUT NOTICE. PREVIOUS EARTHWORK SHALL BE STABILIZED AS SPECIFIED BEFORE ADDITIONAL AREA IS EXPOSED.
4. CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED, THEN STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED. USED STOCKPILED TOPSOIL WITH VEGETATION REYGRASS COVER AS SPECIFIED BELOW (SEE NOTE 8), AND ERECT A SILT FENCE AROUND THE STOCKPILE.
5. PROTECT ALL TREES WHICH ARE TO REMAIN AND WHICH ARE IN OR NEAR CONSTRUCTION AREAS AS DIRECTED IN THE FIELD WITH THE FOLLOWING PLAN: A. TO MAINTAIN PLANT SNOW FENCING THAT THE DRIP LINE SURROUNDING TREES, IF POSSIBLE, OR TO MAINTAIN A MINIMUM DIAMETER OF 10 FEET AROUND TREES. WHERE FENCING MUST BE PLACED CLOSER THAN THE DRIP LINE, PLACE 4 INCHES OF WOOD CHIPS OVER ROOT ZONE TO EXTEND TO THE DRIP LINE. MAINTAIN THIS WOOD CHIP PROTECTION FOR THE DURATION OF CONSTRUCTION.
6. PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM.
7. INSTALL SEDIMENT BARRIERS AROUND ALL STORM DRAIN INLETS, OR MODIFY SEDIMENT CONTROL MEASURES INSTALLED IN #2 ABOVE AND MAINTAIN UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH VEGETATION AND ALL PAVEMENTS ARE PAVED WITH A BASE COURSE.
8. SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNDISTURBED FOR A PERIOD OF 14 DAYS OR MORE AND WHICH WILL NOT BE COVERED WITHIN 30 DAYS WITH VEGETATION REYGRASS COVER, AS FOLLOWS (METHOD OF SEEDING IS OPTIONAL):
 - a. LOOSEN SEEDBED BY DISCING TO A 4" DEPTH.
 - b. SEED WITH 6 LB. PER ACRE PERENNIAL OR ANNUAL REYGRASS.
 - c. COVER WITH 100-200 LBS PER ACRE OF #2 OR #3 CHOPPED HAY BOUND IN PLACE WITH 2000 LB PER ACRE CELLULOSE FIBER MULCH, AND WITH AN APPROVED TACKIFIER BINDER.
9. IF CONSTRUCTION IS SUSPENDED OR COMPLETED, ALL DISTURBED AREAS SHALL BE SEEDD AND MULCHED IMMEDIATELY. ALL SLOPES STEEPER THAN ONE ON THREE (V/H) AND PERIMETER TRENCHES AND TRAP EXBANKMENTS SHALL, ON COMPLETION, BE IMMEDIATELY MULCHED WITH VEGETATION REYGRASS SEED AND FERTILIZER.
10. AFTER COMPLETION OF SITE CONSTRUCTION, FINE GRADE AND SPREAD TOPSOIL ON ALL LAWN AREAS AND SEED WITH PERENNIAL LAWN MIX AS FOLLOWS (SEE LANDSCAPE PLAN FOR OTHER PLANTING INFORMATION):
 - a. LIME TOPSOIL TO PH 6.0.
 - b. FERTILIZE WITH 20 LB. PER 1000 SQ. FT. OF 5-10-10, 50% WATER SOLUBLE NITROGEN FERTILIZER.
 - c. SEED WITH 5 LB. PER 1000 SQ. FT. OF THE FOLLOWING MIXTURE, OR OTHER MIXTURE APPROVED BY THE LANDSCAPE ARCHITECT: 40% JAMESTOWN CHENINGSS FESCUE, 40% BARON KENTUCKY BLUEGRASS AND 20% YORKTOWN PERENNIAL REYGRASS.
 - d. MULCH AS DESCRIBED FOR TEMPORARY SEEDING (NOTE 8 ABOVE).
 - e. FERTILIZE 4 WEEKS AFTER GERMINATION WITH 10 LB. 20-10-10 FERTILIZER PER 1000 SQ. FT.
11. DURING THE PROGRESS OF CONSTRUCTION, MAINTAIN ALL SEDIMENT TRAPS, BARRIERS, AND FILTERS AS NECESSARY TO PREVENT THEIR BEING CLOGGED UP WITH SEDIMENT.
12. AFTER PAVEMENTS ARE INSTALLED AND PERMANENT VEGETATIVE COVER AND PLANTINGS ARE ESTABLISHED, REMOVE SEDIMENT BARRIERS AND SEED THOSE DISTURBED AREAS.
13. MAINTAIN ALL SEEDD AND PLANTED AREAS TO INSURE A VIABLE STABILIZED VEGETATIVE COVER.
14. STRUCTURAL MEASURES MUST BE MAINTAINED TO BE EFFECTIVE. IN GENERAL, THESE MEASURES MUST BE PERIODICALLY INSPECTED TO INSURE STRUCTURAL INTEGRITY, TO DETECT VANDALISM DAMAGE, AND FOR CLEANING AND REPAIR WHENEVER NECESSARY.
15. DURING CONSTRUCTION, ALL STRUCTURES SHOULD BE INSPECTED WEEKLY AND AFTER EVERY RAIN. REMOVE ACCUMULATED SEDIMENT AND STOCKPILE AND STABILIZE IN AN AREA NOT SUBJECT TO FURTHER CONSTRUCTION.
16. AFTER CONSTRUCTION IS COMPLETED, PERMANENT SEDIMENT OR EROSION CONTROL STRUCTURES SHOULD BE INSPECTED AT LEAST SEMIANNUALLY AND AFTER EVERY RAIN.

STABILIZED CONSTRUCTION ENTRANCE PAD	
WATER TIGHT FENCE	
PERMIT OF DISTURBANCE	
CHIP RAP OUTLET PROTECTION	
EROSION CONTROL MATTING	

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2. BOUNDARY INFORMATION FOR LANDS TO BE ACQUIRED FROM NEXANS ENERGY USA INC. OBTAINED FROM A SURVEY ENTITLED "SURVEY OF PROPERTY FOR NEXANS ENERGY USA INC. TO BE SUBDIVIDED AND CONVEYED TO BT HOLDINGS LLC", DRAWING NUMBER 079-79, PREPARED BY JAMES DILLIN, DATED FEBRUARY 7, 2008.

UNAUTHORIZED ALTERATION OR ADDITION TO PLANS BEARING A LICENSED
PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209
SUB-DIVISION 2 OF N.Y. STATE EDUCATIONAL LAW.

BRYAN M. WAINOR
PROFESSIONAL ENGINEER N.Y. LIC. No.080661-



**CHESTER
DEVELOPMENT**
VILLAGE OF CHESTER

NEW YORK

SOIL EROSION & SEDIMENT CONTROL PLAN

Date	2-17-2009
Scale	1"=100'
Drn. By	BDH
Last Revised	1-20-2011

23.01

Of