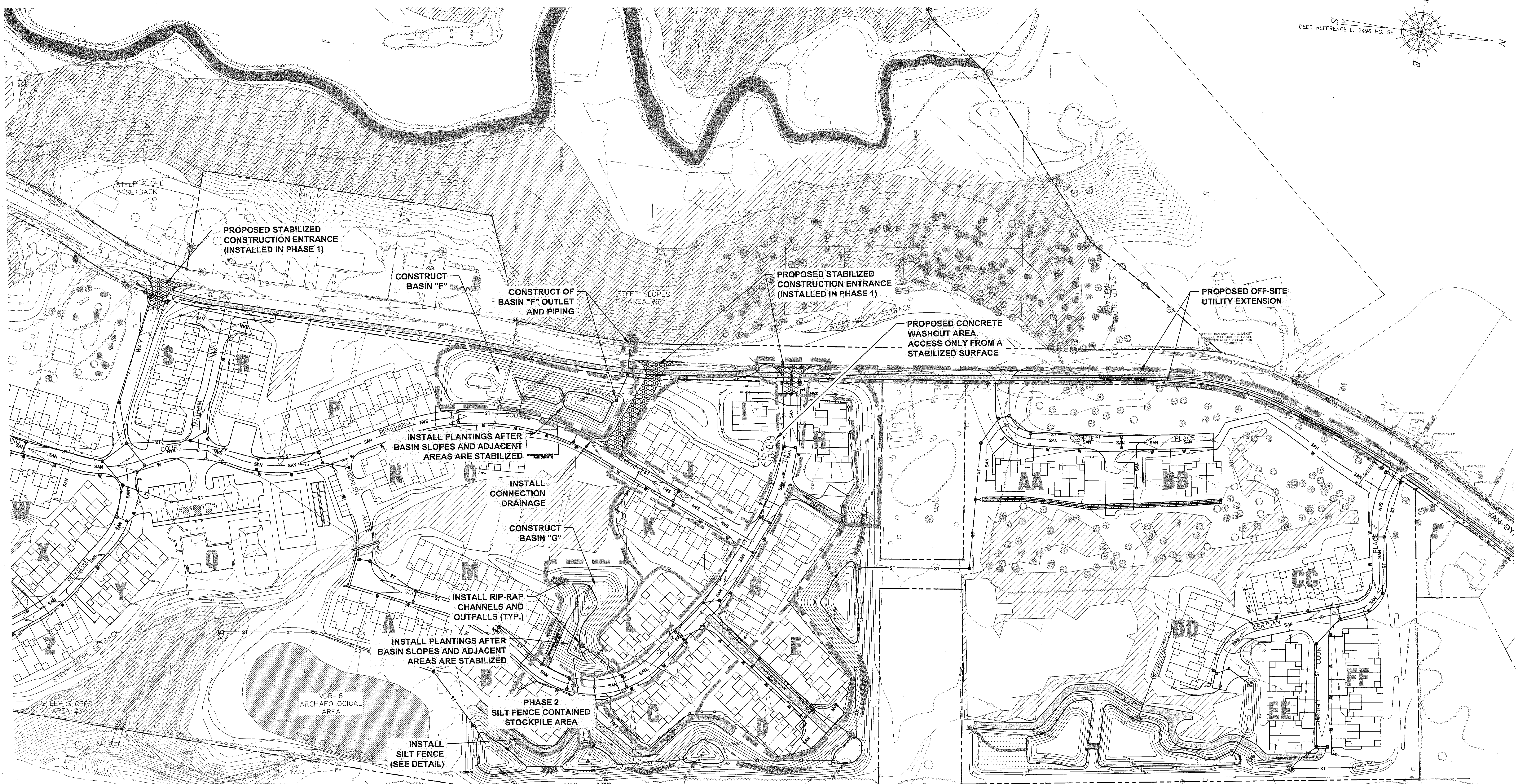
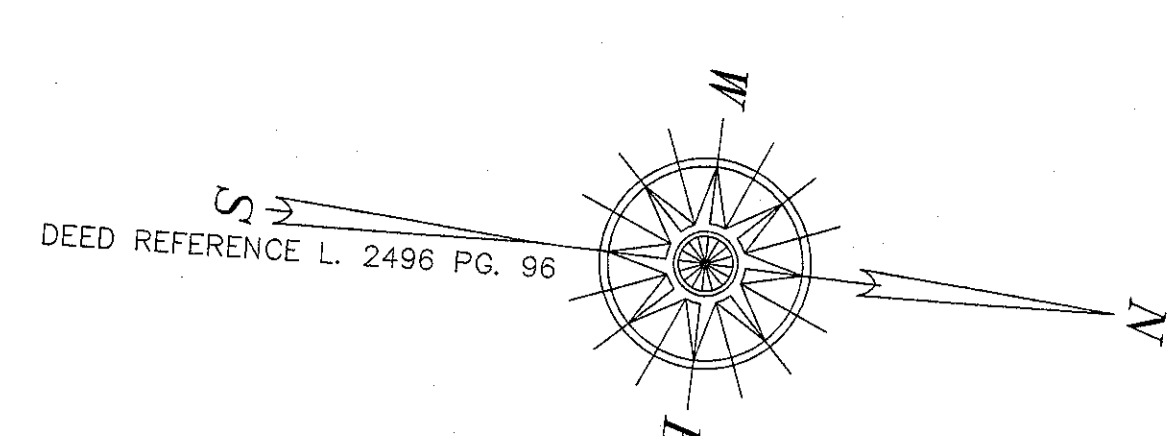


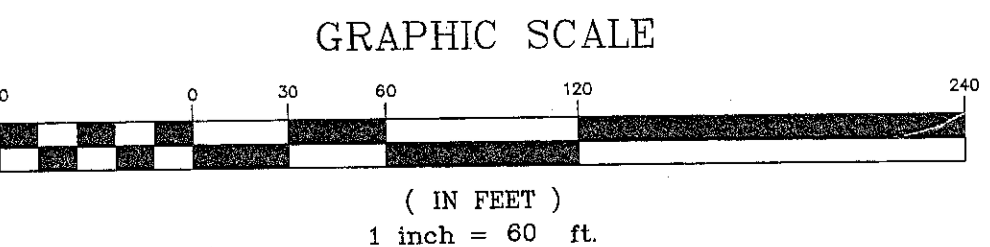
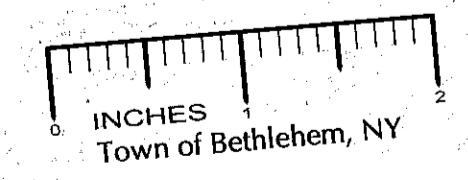
Stantec  
3 Columbia Circle Suite 6  
Albany, NY U.S.A.  
12203  
Tel: 518.452.4356  
Fax: 518.452.2334  
www.stantec.com

The Contractor shall verify the accuracy of all dimensions, DO NOT scale the drawings. Any errors or omissions shall be reported to Stantec without delay. The Contractor shall be responsible for all design and construction. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Unauthorized alteration, modification, or reproduction of any part of this drawing is prohibited. The original signature and seal of the professional engineer shall be considered to be true and valid copies.



- PHASE 2 (62 LIMITS)**
- A. RECONSTRUCT EXISTING CULVERT UNDER VAN DYKE ROAD AND STABILIZE THE DISCHARGE POINT.
  - B. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROLS, GENERALLY DESCRIBED AS:
    1. INSTALLATION OF PERIMETER SEDIMENT CONTROL FENCE A MAXIMUM OF 5 FEET DOWN SLOPE OF AREAS TO BE DISTURBED.
    2. EXCAVATE BASIN 'E' (WEST OF GELDER WAY) AND 'F' TO PROPOSED CONTOURS OF FINISHED SMP'S. INSTALL OUTLET STRUCTURES AND INSTALL CONVEYANCE PIPING.
    3. INSTALL OUTLET STRUCTURES AND OUTLET PIPES.
    4. NOTIFY DESIGN ENGINEER FOR INSPECTION OF SEDIMENT BASINS/STORMWATER MANAGEMENT AREAS FOR APPROVAL BEFORE CONTINUING WITH EARTH DISTURBING ACTIVITIES.
    5. STABILIZE SEDIMENT BASINS AND STORMWATER MANAGEMENT AREAS WITH SEED AND MULCH PER NEW YORK STATE STANDARDS AND SPECIFICATION FOR EROSION AND SEDIMENT CONTROL AND CONSTRUCTION PLANS (SEE CONSTRUCTION DETAILS).
    6. STABILIZE STOCKPILE AREAS WITH SEED AND MULCH.
  - C. ESTABLISH ROADWAY CORRIDOR.
    1. CONSTRUCT TEMPORARY MATERIAL STORAGE AND SOIL STOCKPILE AREAS.
    2. CLEAR TREES AND BRUSH FROM WITHIN THE PROPOSED UTILITY CORRIDOR.
    3. STRIP TOPSOIL AND BOX OUT ROADWAY AND UTILITY CORRIDOR. SLOPE UTILITY CORRIDOR TOWARDS ROAD BED. INSTALL ANY REMAINING WALLS/WALK CROSSINGS, ETC. FOR AN UNINTERRUPTED FLOW CHANNEL.
    4. STABILIZE TOPSOIL STOCKPILE AREAS WITH SEED AND MULCH.
    5. INSTALL BURIED UTILITIES (STORMWATER, SANITARY SEWER, WATER, WATER LATERALS UNDER FUTURE ROAD).
    6. INSTALL ROADWAY (20" CURB, SUB-BASE, AND ASPHALT BINDER COURSE, REMOVE TEMPORARY PIPE/WALK CROSSINGS AND ROCK CHECK DAMS. REMOVE/GRADE TEMPORARY DRAINAGE SWALE AND STABILIZE WITH SEED AND MULCH.
    7. STABILIZE UTILITY CORRIDOR WITH SEED AND MULCH.
    8. CLEAN RE-GRADE AND STABILIZE STORMWATER PRACTICES. INSTALL PLANTS AS SPECIFIED PER DETAIL SHEET.
  - D. LOT BUILD-OUT.
    1. CONTRACTOR IS TO COORDINATE WITH THE OWNER TO DETERMINE WHAT, IF ANY, VEGETATION/TREES ARE TO REMAIN. FENCING SHALL BE UTILIZED TO PROTECT DESIRED VEGETATION.
    2. STAKEOUT/SURVEY PROPOSED BUILDING LOCATION.
    3. PLACE TEMPORARY EROSION AND SEDIMENT CONTROLS FOR BUILDINGS AS NEEDED. INSTALL CATCH BASIN BLOCK AND STONE INLET PROTECTION AT CATCH BASINS LOCATED DOWN GRADIENT OF DISTURBANCES.
    4. CONSTRUCT TEMPORARY MATERIAL STORAGE AND SOIL STOCKPILE AREAS.
    5. CONSTRUCT AND REINFORCE CONCRETE WASH-OUT. AS CONCRETE IS DELIVERED AND PLACED ON SITE, A CENTRALLY LOCATED CONCRETE WASHOUT AREA APPROXIMATELY 15'-FEET SQUARE AND 2'-FEET DEEP SHALL BE PROVIDED. THE WASHOUT AREA SHALL BE ENCLOSED BY SILT FENCE. LOCATED NEXT TO A PAVED ROAD AND SITUATED A MINIMUM OF 50'-FEET FROM A WATERCOURSE. IF REQUIRED, TEMPORARY DIVERSION DIES SHALL BE INSTALLED AROUND WASHOUT AREA TO PREVENT STORMWATER FROM ENTERING WASHOUT LOCATION.
    6. LOCATE FOR HOUSING FOUNDATIONS AND STABILIZE STOCKPILES.
    7. POUR FOUNDATIONS.
    8. BACKFILL AND ESTABLISH ROUGH GRADES.
    9. INSTALL DRIVEWAY SUB-BASE (USE AS ACCESS FOR BUILDERS).
    10. PLACE CURB ALONG ROAD, 15" WIDE AND STABILIZE ALL AREAS THAT WILL NOT SEE SOIL.
    11. DISTURBING ACTIVITY FOR 14 FOURTEEN (14) DAYS.
    12. BUILD FRAMING AND EXTERIOR SHELL, INCLUDING SIDING, ROOF AND SHINGLES.
    13. COMPLETE BUILDING INTERIORS.
    14. PAVE DRIVEWAY.
    15. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES ONCE PERMANENT STABILIZATION HAS BEEN ACHIEVED.



- NOTE:**
1. PHASES 2 THRU 5 ARE SHOWN TO GIVE AN OVERALL PLAN OF DEVELOPMENT. MUNICIPAL APPROVAL IS SOUGHT FOR PHASE 1 AT THIS TIME.
  2. NO MORE THAN 5 ACRES MAY BE DISTURBED AT ANY TIME.
  3. ALL FEDERAL WETLAND BOUNDARIES WITHIN 50' OF ANY PROPOSED SOIL DISTURBANCE MUST BE FLAGGED PRIOR TO CONSTRUCTION ACTIVITY AND ORANGE CONSTRUCTION FENCE INSTALLED ALONG THESE BOUNDARIES.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW YORK STATE DEPARTMENT OF HEALTH

TOWN OF BETHELEM PLANNING BOARD  
TOWN OF BETHELEM, ALBANY COUNTY, NEW YORK  
This Site Plan Approved  
*[Signature]*  
Title Chairman  
Date 07/23/2012  
SP# 165 #1

ALBANY COUNTY HEALTH DEPARTMENT  
ALBANY COUNTY DEPARTMENT OF HEALTH DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
By direction of the Commissioner of Health, these plans are hereby approved. See that sheet for date and signature.

**EROSION & SEDIMENT CONTROL PLAN - PHASE 2**  
VAN DYKE SPINNEY  
AT DELMAR, NEW YORK  
VAN DYKE ROAD  
TOWN OF BETHELEM, COUNTY OF ALBANY - STATE OF NEW YORK

DATE	REVISIONS
8/24/10	REVISED PER LAND CONSERVANCY MEETING
5/27/10	REVISED PER TOWN REVIEW COMMENTS - RESUBMIT TO PLAN BOARD
1/29/11	REVISED PER TOWN COMMENTS - RESUBMIT TO PLAN BOARD
4/29/10	REVISED PER TOWN COMMENTS - RESUBMIT TO PLAN BOARD
2/23/10	REVISED PER TOWN COMMENTS - RESUBMIT TO PLAN BOARD
2/25/10	REVISED PER TOWN REVIEW COMMENTS - RESUBMIT TO PLAN BOARD
10/20/09	REVISED PER LAND CONSERVANCY MEETING
9/23/10	REVISED PER BAYTON AND LOGGANCE COMMENTS
9/22/09	REVISED PER BAYTON AND LOGGANCE COMMENTS

Drawn: RES  
Checked: K.M.  
Approved: AS SHOWN  
Project No: 0540811  
Date: Sept. 2009

EC-2

Sheet No.

10