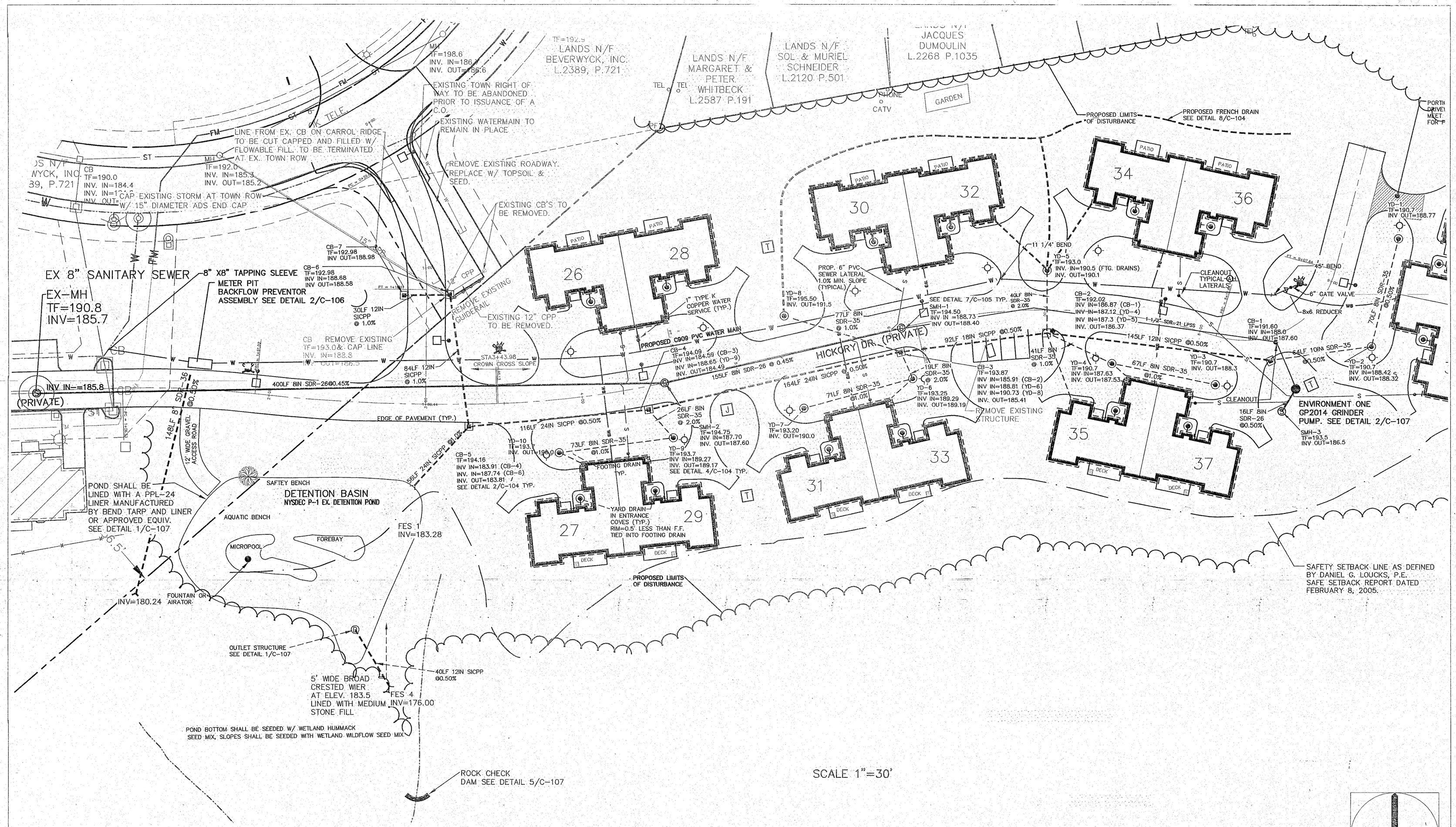

GENERAL NOTES

1. EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED UPON A MAP PROVIDED SEE MAP REFERENCE. LOCATION OF EXISTING UTILITIES ARE BASED UPON PHYSICAL ABOVE GROUND EVIDENCE AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, GRADES, ELEVATIONS, AND MATERIALS GIVEN ON THE PLANS.
3. EXCESS BUILDING MATERIAL AND CLEARING DEBRIS SHALL BE DISPOSED OF OFF SITE.
4. IT SHALL BE THE CONTRACTOR RESPONSIBILITY TO REPLACE OR REPAIR ANY DAMAGE TO EXISTING ON SITE UTILITIES.
5. IT IS THE INTENT OF THESE PLANS TO BE IN STRICT CONFORMANCE WITH ALL TOWN OF BETHLEHEM, COUNTY OF ALBANY, STATE OF NEW YORK, AND APPLICABLE FEDERAL RULES REGULATIONS, AND LAWS. IF CONFLICTS ARE NOTED BETWEEN THE ABOVE, AND THESE PLANS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER AND THE TOWN ENGINEER.
6. CONFLICTS SHOWN ON PLANS OR BETWEEN THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER, OWNER REPRESENTATIVE AND/OR ENGINEER.
7. ALL BUILDING MATERIAL AND DEBRIS SHALL BE DISPOSED OF AT AN APPROVED LOCAITON

WATER SUPPLY NOTES

1. THE WATERMAIN SHALL BE DISINFECTED WITH A WATER AND CHLORINE SOLUTION WITH A MINIMUM OF 50PPM CHLORINE. THE CHLORINE RESIDUAL IS TO BE A MINIMUM OF 25PPM AFTER 24 HOURS. THE WATERMAIN SHALL THEN BE FLUSHED AND A SAMPLE TAKEN FOR BACTERIA TESTING PRIOR TO BEING PLACED IN SERVICE. DISINFECTION SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C651.86 (EXCLUDING SECTION 7.3 COVERING THE TABLET METHOD). CONTINUOUS FEED METHOD PROCEDURE IN AWWA C651 STANDARDS REQUIRED FOR POTABLE WATER SHALL BE MET. CHLORINATION AFTER A 24 HOUR HOLDING PERIOD IN THE MAIN SHALL HAVE A FREE CHLORINE RESIDUAL OF NOT LESS THAN 10 MG/L.
2. WATERWORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL STANDARDS AND SPECIFICATIONS.
3. ALL DUCTILE IRON PIPE TO BE USED MUST MEET ALL APPROPRIATE AWWA STANDARDS.
4. PRESSURE AND LEAKAGE TESTS MUST BE PERFORMED ON THE WATER SYSTEM, AND RESULTS MUST CONFORM TO AWWA C600 STANDARDS. PRESSURE DURING THE TEST SHALL NOT VARY BY MORE THAN 5 PSI. THE MAXIMUM ALLOWABLE LEAKAGE FOR EACH TEST SECTION OF D.I.P. IS DETERMINED BY THE FORMULA (L= {SD sqrt P} OVER {133,200}.
5. ALL WATER MAINS AND SERVICES SHALL BE CONSTRUCTED A MINIMUM OF 5' BELOW THE PROPOSED FINISHED GRADES.
6. ALL HYDRANTS AND FIRE PROTECTION EQUIP SHALL BE CONSTRUCTED TO THE TOWN OF BETHLEHEM STANDARDS.

SANITARY NOTES

INSTALLATION:

1. ALL GRAVITY SEWER PIPE SHALL BE SDR-26 P.V.C.

   INSTALLATION SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND ALL APPLICABLE MANUFACTURERS SPEC.

   BEDDING AND BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR DENSITY.
2. THE LOW PRESSURE SANITARY SEWER SHALL BE INSTALLED IN ACCORDANCE WITH ALL TOWN OF BETHLEHEM REQUIREMENTS.

TESTING:

1. TESTED PER TOWN SPECIFICATIONS.

LEGEND

- NEW STORM SEWER w/ CATCH BASIN
- NEW WATER MAIN WITH HYDRANT
- NEW 1" TYPE K COPPER WATER SERVICE
- NEW 6" PVC SEWER LATERAL MIN. 1.0% GRADE
- NEW SANITARY SEWER W/ MANHOLE
- NEW YARD DRAIN

INCHES 0 1 2
Town of Bethlehem, NY

NOTE: ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE TOWN OF BETHLEHEM FOR REVIEW

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
This plat APPROVED subject to such conditions as are stated in Building Project Approval (B/P/A)
No. BAP-26 Dated 3-7-06
Chairperson
Title Secretary
Date 7/1/06

TOWN OF BETHLEHEM APPROVAL

Angerame Architects, P.C.
Architecture
Planning
Interior Design

30 Essex St.
Albany
New York 12206
P 518 454 9300
F 518 454 9333
W angerameartchitects.com

Project

Beverwyck
A Subsidiary of Albany Guardian Society and The Eddy; a Member of Northeast Health
Setting the Standard in Retirement Living

PHASE IV COTTAGES

Slingerlands , New York

Consultants

Civil:
Brett Steenburgh, P.E. P.L.L.C.
2832 Rosendale Road, Niskayuna , NY 12309
Phone: (518) 365-0675 Fax: (518) 831-9431

Landscape Architect:
Miller Associates
169 Haviland Road, Queensbury , NY 12804
Phone: (518) 792-4958 Fax: (518) 792-8511

Owner

Beechwood Inc.
2212 Burdett Avenue, Troy, NY 12180

Revisions
REVISED 02-16-05
REVISED 05-31-05
REVISED 08-23-05
REVISED 01-29-06
REVISED 02-22-06
REVISED 02-23-06
REVISED 03-01-06
REVISED 03-24-06
REVISED 04-24-06
REVISED 05-21-06

Title REVISED 07-10-06

STATE OF NEW YORK · BRETT L. STEENBURGH · 075455 · LICENSED PROFESSIONAL ENGINEER

UTILITY PLAN

Do not scale drawings – use dimensions shown, verify all dimensions on site. Unauthorized alterations or additions to this document is a violation of Sec. 7209 Sub. 2 of the NYS Education Law. Copyright 2004 Angerame Architects, P. C. All right reserved. No use or reproduction of this material is permitted without the express written consent of Angerame Architects, P. C.

Drawing Number

C-103

Date: AUGUST 5, 2004