All utilities to be installed in accordance with Town standard details and specifications. Prior to construction, the Contractor shall obtain a set of standard details and specifications for use on the job.

All elevations shown are on USGS elevations base.

Prior to any work in the Town right-of-way the Contractor shall obtain a highway work permit from the Town Highway Department.

Prior to any work on sanitary sewer and water, the Contractor shall obtain the necessary permits from the Town sewer and water departments.

Prior to any excavation, Contractor shall call the UFO two working days prior to the work to have underground utilities located in the field. Call 800-962-7962.

PRIVATE UTILITY EASEMENT

EXERCISE CAUTION - NOTIFY ALL UTILITY COMPANIES & LOCATE ANY & ALL EXISTING UTILITIES SUCH AS: GAS, BURRIED ELECTRIC BURRIED TELEPHONE, BURRIED CABLE TV - ANY OTHERS - WHICH MAY BE IN OR ADJACENT TO THE PRIVATE UTILITY EASEMENT - SEE NOTES IN UPPER RIGHT HAND CORNER OF THIS SHEET. MORE COMPLETE UTILITY INFORMATION WILL BE AVAILABLE AT TIME OF CONTRACT.

WATER

ALL WATER MAINS TO BE 8" DIP. SERVICE TO NEW BUILDING TO BE 6" DIP. SERVICE TO NEW SERVICE BUILDING TO BE 1" COPPER.

PRIOR TO ALL SEWER CONSTRUCTION DIG A TEST PIT ON EXISTING WATER & FORCE MAIN IN KRUMKILL RD (AT IROQUOIS TRAIL) & GIVE TOP OF PIPE ELEVATIONS TO THE TOWN ENGINEER.

NOTES

SANITARY SEWER AT KRUMKILL ROAD

REMOVE PAVEMENT & ANY OTHER ITEMS AS NEEDED TO INSTALL THE SEWER - COT CLEANLY BACK FILL WITH R.O.B. GRAVEL - COMPACT IN 12" LIFTS TO 95% PROCTOR - PROVIDE NEW BITUMINOUS PAVEMENT TO MATCH EXISTING ROADWAY PERFORM ALL WORK TO TOWN STANDARDS & TO SATISFACTION OF TOWN ENGINEER

THE DATUM SHOWN ON THESE PLANS IS 0.70 FEET ABOVE USGS DATUM PER TOWN OF BETHLEHEM INFORMATION

NOTE EXISTING SEPTIC FIELD, SEPTIC TANK, DOSING BOX & LINES TO THE SOUTH OF THE EXISTING BARN SEE SHEET TP - 101

CONTRACT LIMIT LINE IS EDGE OF ROAD AT KRUMKILL RD & BEVERWYCK LANE; PROPERTY LINE TO EAST & WEST & ⅓ AND CONTRACT LIMIT LINE WHERE NOTED AS SUCH

LEGEND

- PROPERTY LINE
- SITE UTILITY (AS NOTED)
- EXISTING UTILITY STRUCTURE
- NEW UTILITY STRUCTURE
- HYDRANT (EXISTING)
- POLE (EXISTING)
- NEW FENCE
- NEW CATCH BASIN
- NEW SANITARY MANHOLE
- NEW DRAIN INLET
- NEW STORM LINE (HDPE)
- NEW SANITARY LINE, PVC SDR-26
- NEW WATER LINE
- NEW HYDRANT
- NEW WATER VALVE
- NEW CONTOUR
- EXISTING CONTOUR
- NEW SPOT ELEVATION
- SWALE
- PITCH TO DRAIN
- EXISTING TREE
- NEW GREASE TRAP
- TRANSFORMER
- TEST PIT
- CL = CLEAN OUT TO GRADE
- WYE = WYE CONNECTION
- = PINE TREE TO REMAIN
- SD = SOIL DRAIN
- 6" PERFORATED HDPE
- 4" PERFORATED DRAIN TILE AT 18" FT MIN. CONNECT TO NEAREST CB WITH SUITABLE INVERT THIS IS AN ALTERNATE
- FOUNDATION DRAIN

STORM SEWER

CB #9 (INV 193.50) TO CB #5 (INV. IN 193.0) - 48 LF 12" HDPE AT 1.04%
CB #5 (INV 193.0) TO CB #4 (INV. IN. 191.72) - 128 LF 12" HDPE AT 1.0%
CB #4 (INV 191.72) TO CB #3 (INV. IN. 190.64) - 108 LF 12" HDPE AT 1.0%
CB #3 (INV 197.4) TO CB #7 (INV IN 193.0) - 120 LF 10" COR. HDPE AT 4.0%
DI #3 (INV 193.3) TO CB #7 (INV IN 192.5) - 40 LF 10" HDPE AT 2.0%
CB #7 (INV 190.47) TO CB #6 (INV IN 189.54) - 110 LF 15" HDPE AT 0.85%
CB #6 (INV 189.54) TO CB #12 (INV IN 188.7) - 100 LF 15" HDPE AT 0.83%
CB #13 (INV 193.5) TO CB #12 (INV IN 192.4) - 65 LF 10" HDPE AT 1.7%
DI #2 (INV 195.0) TO CB 13 (INV IN 193.5) - 110 LF 10" HDPE AT 1.36%
CB #12 (INV 188.54) TO EXIST CB (INV IN 184.65) - 122 LF 18" COR. HDPE AT 2.08%
DI #1A (INV 193.8) TO DI #1 (INV 193.0) - 80 LF 15" HDPE AT 1.0%
DI #1 (INV 193.0) TO CB #10 (INV IN 191.40) - 160 LF 15" HDPE AT 1.0%
CB #10 (INV 191.23) TO CB #11 (INV 190.57) - 160 LF 18" HDPE AT 0.41%
CB #8 (INV 192.60) TO CB #10 (INV IN 191.23) - 60 LF 10" HDPE AT 2.0%
CB #11 (INV. 190.57) TO CB #12 (INV 188.54) - 265 LF 18" HDPE AT .77%

SEE COURTYARD DRAWINGS FOR DRAINAGE IN COURTYARDS

SANITARY SEWER

SEE DRAWING C-105 FOR SANITARY SEWER PROFILE & SANITARY SEWER LINE INFORMATION

ALL SANITARY LINES TO BE PVC - SDR - 26

ALL "TOWN" LINES TO BE 8"

ALL OTHERS TO BE 6" & 4" AS NOTED

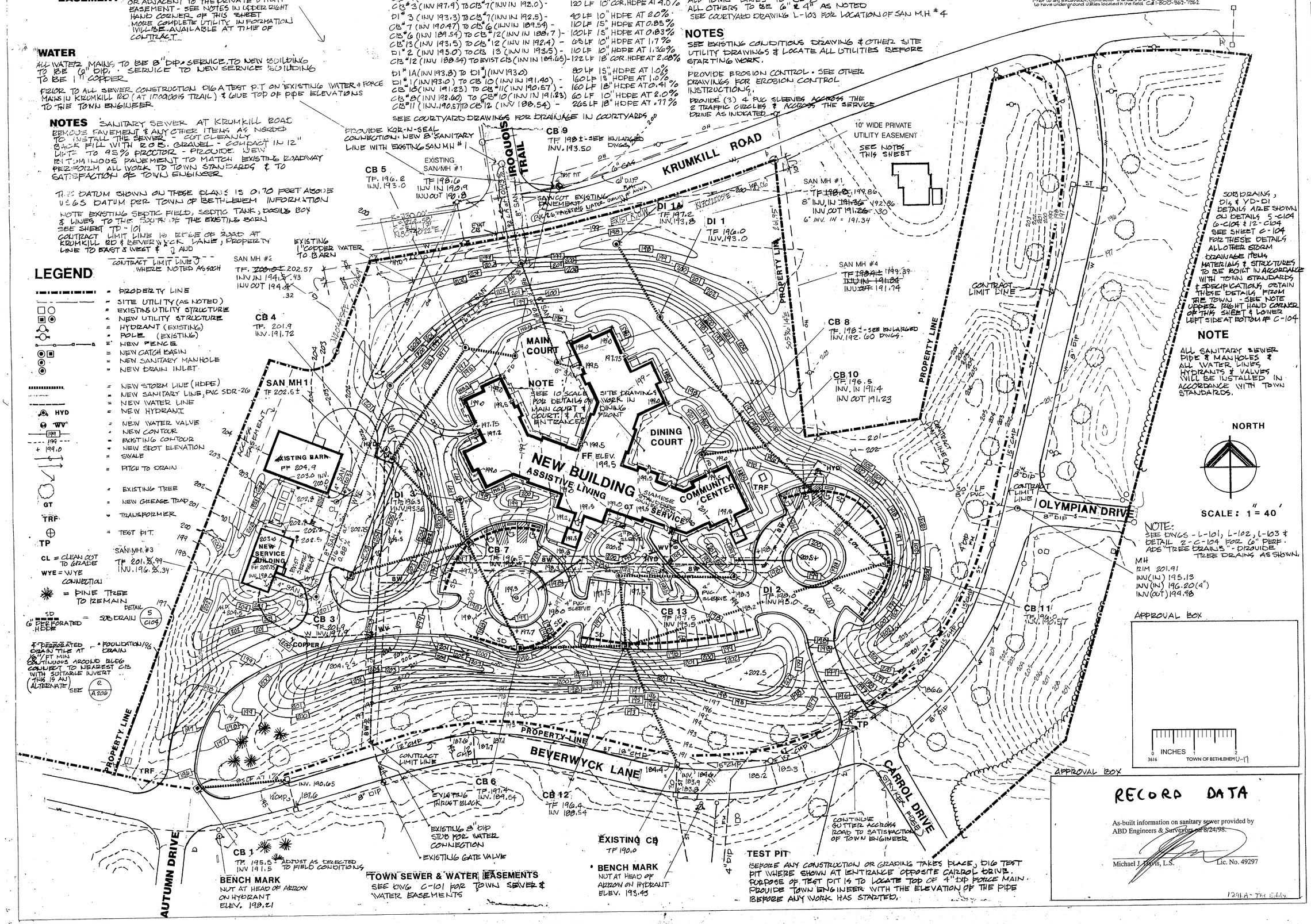
SEE COURTYARD DRAWING L-103 FOR LOCATION OF SAN M.H. #4

NOTES

SEE EXISTING CONDITIONS DRAWING & OTHER SITE UTILITY DRAWINGS & LOCATE ALL UTILITIES BEFORE STARTING WORK.

PROVIDE EROSION CONTROL - SEE OTHER DRAWINGS FOR EROSION CONTROL INSTRUCTIONS.

PROVIDE (3) 4" PVC SLEEVES ACROSS THE 2 TRAFFIC CIRCLES & ACROSS THE SERVICE DRIVE AS INDICATED



SOIL DRAINS, DI 1 & YD-DI DETAILS ARE SHOWN ON DETAILS 5-C104 6-C104 & 12-C104 SEE SHEET C-104 FOR THESE DETAILS ALL OTHER STORM DRAINAGE ITEMS MATERIALS & STRUCTURES TO BE BOUGHT IN ACCORDANCE WITH TOWN STANDARDS & SPECIFICATIONS OBTAIN THESE DETAILS FROM THE TOWN - SEE NOTE UPPER RIGHT HAND CORNER OF THIS SHEET & LOWER LEFT SIDE AT BOTTOM OF C-104

NOTE

ALL SANITARY SEWER PIPE & MANHOLES & ALL WATER LINES HYDRANTS & VALVES WILL BE INSTALLED IN ACCORDANCE WITH TOWN STANDARDS.

NOTE: SEE DWGS - L-101, L-102, L-103 & DETAIL 2-C-104 FOR 6" PERF. ADS TREE DRAINS & - PROVIDE TREE DRAINS AS SHOWN.

MH 12IM 201.91
INV(IN) 195.13
INV(IN) 196.20(4")
INV(OUT) 194.98

APPROVAL BOX

0 INCHES 1 2
3616 TOWN OF BETHLEHEM U-17

APPROVAL BOX

RECORD DATA

As-built information on sanitary sewer provided by ABD Engineers & Surveyors on 8/24/98.

Michael J. Davis, L.S. Lic. No. 49297

1294 A- The Eddy

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Project

Beverwyck
A joint initiative of Albany Guardian Society and The Lady of Beverwyck of Northeast Inc.
Setting the Standard in Retirement Living

PHASE III ASSISTIVE LIVING AND COMMUNITY CENTER
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Slingerlands, New York

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Revisions
- REVISED 9/8/97 TO REACT TO TOWN COMMENTS
- REVISED 9/24/97 TO REACT TO TOWN COMMENTS
- REVISED 9/29/97 TO REACT TO TOWN COMMENTS
- REVISED 10.17.97 TO REACT TO TOWN COMMENTS
- REVISED 11.5.97 TO REACT TO ALBANY COUNTY HEALTH DEPT.

Title
TOPOGRAPHY & UTILITY PLAN

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Drawing Number
C-102

Date: 10.1.97