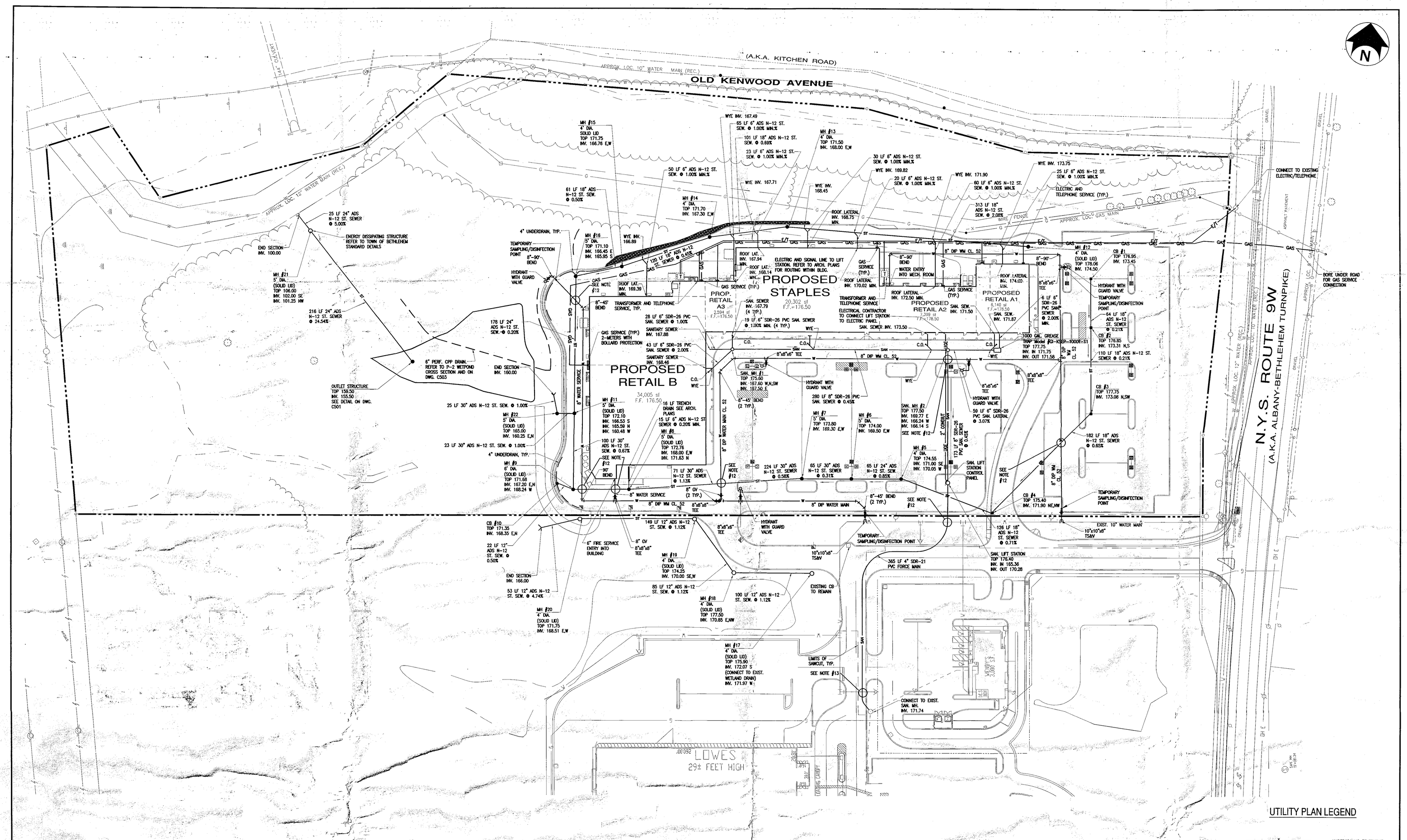

BETHLEHEM CENTER II

241 NYS Route 9W
BETHLEHEM, NY

NIGRO COMPANIES

20 CORPORATE WOODS BLVD.
ALBANY, NEW YORK 12211

BERGMANN associates

Engineers / Architects / Surveyors

200 First Federal Plaza
28 East Main Street, Rochester, New York 14614
585.232.5135 / 585.232.4652 fax

REVISIONS

NO.	DATE	DESCRIPTION	REV.	CK'D
1	12/6/04	REV. PER FIRE CHIEF	DGC	PVG
2	3/28/05	REV. PER TOWN ENG. COMMENTS 12/10/04	DGC	PVG
3	08/01/05	REV. PER TOWN ENG. COMMENTS 08/01/05	DGC	PVG
4	09/26/05	REV. STORM TO POND	DGC	PVG
5	10/14/05	MINOR REVISIONS	DGC	PVG
6	2/01/06	REVISED BLDG. ENVELOPE	DGC	PVG
7	2/23/06	MINOR STORM REVISIONS	DGC	PVG
8	3/22/06	UPDATED SITE LAYOUT REVISED TOP ELEVATION OF SMH #2 AND GREASE TRAP	DGC	PVG
9	3/30/06	ADDED ROOF LATS. REVISED SAN. LATERALS TO BLDGS.	DGC	PVG

NOTE:
Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
This Site Plan Approved.
Title CHAIRMAN
Date 5/4/06

UTILITY PLAN LEGEND

- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- SANITARY SEWER PIPE
- WATER MAIN
- GAS MAIN
- STORM SEWER
- WATER VALVE
- FIRE HYDRANT
- SANITARY SEWER MANHOLE
- CLEAN-OUT
- STORM SEWER MANHOLE
- CATCH BASIN
- LIGHT POLE

0 50 100 150
SCALE BAR

INCHES
Town of Bethlehem, NY

GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS, LOCATIONS, AND DIMENSIONS OF VESTIBULES, SLOPED PAVING, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, AND EXACT LOCATION, DEPTH AND NUMBER OF BUILDING UTILITY ENTRANCE LOCATIONS.
2. CONTRACTOR SHALL CONTACT THE TOWN OF BETHLEHEM WATER PLANT OPERATOR AT 765-4433 IMMEDIATELY PRIOR TO USING A WATER MAIN. USING WATER MAIN INCLUDES, BUT NOT LIMITED TO INITIAL FLUSHING, CHLORINATING AND FINAL FLUSHING. THE CONTRACTOR SHALL NOTIFY THE TOWN OF BETHLEHEM WATER DEPARTMENT PRIOR TO MAKING THE TWO TAPS (TSV) CONNECTIONS TO THE EXISTING 10 INCH WATER MAIN.
3. THE CONTRACTOR SHALL COORDINATE ANY RELOCATION OF UTILITIES WITH EACH RESPECTIVE UTILITY COMPANY
4. THE GENERAL CONTRACTOR SHALL INSTALL NEW POLES/BASES/CONDUIT WIRING/ FIXTURES TO PROPOSED LOCATIONS. THE SITE CONTRACTOR SHALL SIZE THE CONDUIT AND WIRING ACCORDINGLY. THE CONTRACTOR SHALL COORDINATE SITE LIGHTING ELECTRICAL SOURCE WITH ARCHITECTURAL PLANS.
5. DOMESTIC AND SPRINKLER SYSTEM WATER METER AND BACK FLOW PREVENTER TO BE LOCATED IN STORES. REFER TO ARCHITECTURAL PLANS FOR TYPE, SIZE, ETC...
6. UPON COMPLETION OF THE INSTALLATION AND TESTING OF THE WASTE WATER SYSTEM THE CONTRACTOR SHALL PROVIDE A LETTER FROM A NYS LICENSED PROFESSIONAL ENGINEER STATING THAT THE SYSTEM WAS INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. TESTING DATA TO BE PROVIDED.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF TRANSFORMER PAD AS DIRECTED BY UTILITY COMPANY. THE PAD SHALL CONFORM TO UTILITY COMPANY SPECIFICATIONS.
8. THE CONTRACTOR SHALL TAKE MEASURES AS REQUIRED DURING CONSTRUCTION TO AVOID DAMAGING STORM SEWERS AND OTHER UTILITIES.
9. ALL UTILITIES (INCLUDING BUT NOT LIMITED TO SANITARY SEWER, STORM DRAINAGE AND WATER) SHALL BE INSTALLED IN ACCORDANCE WITH TOWN OF BETHLEHEM STANDARD DETAILS AND SPECIFICATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THESE DOCUMENTS FOR USE ON THE JOB.
10. THE CONTRACTOR SHALL REFER TO THE BETHLEHEM CENTER II ENGINEERS REPORT SANITARY SEWER AND WATER SYSTEM, DATED APRIL 2005, REVISED SEPTEMBER 2005.

GENERAL NOTES (CONTINUED):

10. ROOF DRAINS SHALL NOT BE LESS THAN THREE FEET BELOW FINISHED GRADE AT BUILDING WALL.
11. ALL STORM AND SANITARY SEWER PIPING IS MEASURED FROM CENTERLINE TO CENTERLINE OF STRUCTURES.
12. THE CONTRACTOR SHALL MAINTAIN MIN. 18" VERTICAL SEPARATION BETWEEN WATER MAIN AND SANITARY AND STORM SEWERS.
13. THE CONTRACTOR SHALL PROVIDE WINTER MARKER TO ALL HYDRANTS. THE OWNER SHALL ANNUALLY INSPECT AND REPLACE AS NECESSARY.
14. ALL DRAINAGE STRUCTURES SHALL BE OPEN GRATE UNLESS OTHERWISE NOTED ON THE PLAN.
15. THE CONTRACTOR SHALL REFER TO THE TOWN OF BETHLEHEM DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL SHEETS ENTITLED "STORM DRAINAGE DETAILS, WATER DISTRIBUTION DETAILS AND SANITARY SEWER DETAILS", LATEST REVISION.
16. THE PROPOSED GREASE TRAP SHALL HAVE H-20 LOADING.
17. THE CONTRACTOR CAN REFER TO BETHLEHEM CENTER II ENGINEER'S REPORT PREPARED BY BERGMANN ASSOCIATES REVISED SEPTEMBER 2005 FOR THE DESIGN BASIS OF THE SANITARY SEWER LIFT STATION.
18. WATER CONNECTION AT TEES AND GATE VALVE CLUSTERS SHALL BE ANCHOR TYPE.

CAUTION- NOTICE TO CONTRACTOR:

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/ OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

HYDRANT FLOW TEST:

A HYDRANT FLOW TEST WAS PERFORMED ON SITE NOVEMBER 18, 2004.

LOCATION OF PRESSURE HYDRANT: DIRECTLY ACROSS FROM LOWE'S CANOPY.

LOCATION OF FLOW HYDRANT: EXIST. HYDRANT LOCATED ON THE NORTH SIDE OF ENTRANCE DRIVE, ACROSS FROM WENDY'S.

STATIC: 72 psi
RESIDUAL: 62 psi
FLOW: 880 gpm

NOT APPROVED:
THIS PLAN HAS NOT RECEIVED FINAL APPROVAL OF ALL REVIEWING AGENCIES. THIS PLAN IS SUBJECT TO REVISIONS UNTIL ALL APPROVALS ARE OBTAINED AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.

UTILITY PLAN

RECEIVED
MAY 8 2006
PLANNING
TOWN OF BE...

STATE OF NEW YORK · PIETRO VINCENT GIOVENCO · 072957 · LICENSED PROFESSIONAL ENGINEER

4/7/06

PIETRO V. GIOVENCO/NYS LIC. #072957

Project Manager:	P. Giovenco, PE
Designed by:	D. Christopher
Drawn by:	D. Christopher
Checked by:	P. Giovenco, PE
Date Issued:	APRIL 19, 2004
Scale:	1" =50'
Project Number:	6092.00
File Name:	I:\MIGRO\6092\6092-UP01.dwg
Drawing Number:	C102