ARCHITECTS INC.

JAMES MICHAEL MILLIGAN STEPHEN A. BUSCH

4685 LARWELL DRIVE COLUMBUS, OHIO 43220 (614) 326-5565 FAX:326-5566 WEB ADDRESS: WWW.JMMARCH.COM

March 20, 2007

TO:

Butler County Engineers Office, 1921 Fairgrove Avenue, Hamilton, Ohio 45011

Attention: Teresa Barnes

PROJECT:

Chesterwood Village Phase 2: Light Care Assisted Living and Main Street

8073 Tylersville Rd.

West Chester, Ohio 45069

OWNER:

CHAP Properties III, LTD., 8073 Tylersville Rd., West Chester, Ohio 45069

ARCHITECT:

JMM Architects, Inc., 4685 Larwell Drive, Columbus, Ohio 43220

Correction Letter Response #1: Engineer Plan Review 3-16-07, Question Responses. Application # BLD-CT07-00729

Per the Engineer Review Correction Letter issued on 3-16-07, please see the partial responses below for items #3 and #4 as requested.

Please note that response to Item #1, for site storm calculations will need to be supplied by the Owner's Civil consultant, Bayer Becker Inc. (513) 829-2149. We are trying to work with Bayer Becker to get this information, and will respond accordingly under a separate response letter.

Please note that the response to Item #2, for the required "field verification" of Catch Basin at Tylersville Road, indicated as Invert 888.47, and Catch Basin to the south of the previous basin, with invert indicated as 887.45, will need to be investigated by the Owner's Civil consultant, Bayer Becker Inc. (513) 829-2149. These are existing invert locations that have not been altered by the Phase 2 project, and this information was supplied to our firm in the form of electronic file survey by Bayer Becker Inc. We are trying to work with Bayer Becker to verify this information, and will respond accordingly under a separate response letter.

Review Response #3:

Please see the attached Sheets P-8 and Architectural Sheet 3-20 indicating the required roof drainage information. The roof areas are drained with gutters and down-spouts tied into storm lines.

Roof Wells use interior roof drains and overflows routed to exterior locations as indicated.

Review Response #4:

Please see the attached Sheets P-0 and Architectural Sheet 1-3 indicating the required plumbing at the Basement area. Plan 'B' on sheet 1-3 indicates perimeter footing tile at basement area, that is collected in (2) sump pumps in the basement area and ejected up to normal foundation height and taken to yard drains as indicated. This is all storm only. See Sheet P-0 shows the complete plumbing plan in the basement area, storm lines and sanitary lines.

Note elevator pit sump has a separate sanitary line, pump, and ejector (not tied to storm line).

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4685 LARWELL DRIVE COLUMBUS, OHIO 43220

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March 30, 2007

TO:

Butler County Engineers Office, 1921 Fairgrove Avenue, Hamilton, Ohio 45011

Attention: Teresa Barnes

PROJECT:

Chesterwood Village Phase 2: Light Care Assisted Living and Main Street

8073 Tylersville Rd. West Chester, Ohio 45069

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Correction Letter Response #1: Engineer Plan Review 3-16-07, Question Responses. Application # BLD-CT07-00729

Per the Engineer Review Correction Letter issued on 3-16-07, please see the partial responses below for item #1 as requested.

Please see the attached documents for Item #1; site storm calculations as provided for the development of this project site. The Owner's Civil consultant, Bayer Becker Inc. (513) 829-2149, provided this information to our firm, and to the Owner. If there are further needs, please norify our firm as required, and we will help facilitate the information.

Please note that we are still working on the response to Item #2, for the required "field verification" of Catch Basin at Tylersville Road, indicated as Invert 888.47, and Catch Basin to the south of the previous basin, with invert indicated as 887.45, will need to be investigated by the Owner's Civil consultant, Bayer Becker Inc. (513) 829-2149. These are existing invert locations that have not been altered by the Phase 2 project, and this information was supplied to our firm in the form of electronic file survey by Bayer Becker Inc. We are trying to work with Bayer Becker to verify this information, and will respond accordingly under a separate response letter.

Thanking you in advance for your prompt review of this submission. If you have any questions, please feel free to call us to discuss.

STEVE GAGLIARDI

Project Manager

JMM Architects, Inc.

4685 Larwell Drive

Columbus, Ohio 43220

(614) 326-5565 phone

(614) 326-5566 fax

Surface water is to be directed into these temporary silt basins by means of temporary swales and ditches. As the installation of the atorm sever progress, atore boles are to be placed at the linkt and outlet of severa to central the silt. Popment for the above shall be included in Rens Excandion. Strow boles are to be utilized to create temporary dams to catch the silt. These are to be installed at points where the flow is concentrated. NOTE: IN VERTICAL CLEARMET OF 10 00

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UNION TOWNSHIP BUTLER COUNTY OHIO

CHESTERWOOD
HEALTHCARE FACILITY

LAWRENCEBURG, INDIANA 47025 BAYER-BECKER ENGINEERS 1230 BELLEVIEW DRIVE

STORM SEWER CALCULATIONS

 $V_p = (1.486 / n) * R^{2.5} * S^{1.7}$ FORMULAE USED Q. = AC * I (required) $Q_b = A_p * V_p$ R = (Pipe Dia. / 4)

Designed By: CAR Reviewed By: Date: 5-5-99

Job # 95-79 Sheet:

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