



CORLEY REDFOOT ZACK, Inc.

ARCHITECTS ENGINEERS PLANNERS

Addendum No. 3

Page 1

**PROJECT: ORANGE COUNTY JUSTICE EXPANSION
EAST MARGARET LANE
HILLSBOROUGH, NORTH CAROLINA**

**PROJECT #: 0417
DATE: 2/2/07**

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**MODIFICATIONS TO THE CONTRACT DOCUMENTS FOR THE ABOVE-NAMED
PROJECT SHALL BE MADE AS DESCRIBED BELOW AND SHALL BE INCLUDED
IN THE BID AMOUNTS:**

A. CIVIL DRAWINGS

1. **Sheets C3.0:** This sheet is reissued to indicate the numbering of the stormwater structures on the project and the reworking of some stormwater design.
2. **Sheet C3.2:** This sheet is issued for the first time to provide the Stormwater Schedule and details related to the stormwater system.
3. **Sheet C4.0:** This sheet is reissued to revise the water and sewer systems on the site based on requirements from the Town of Hillsborough.

B. GEOTHERMAL AND MECHANICAL DRAWINGS

1. **Sheets G1.0 and G1.1:** These sheets are being reissued to revise the well field configuration, the depth of the wells and details
2. **Sheets M2.00, M2.02, M2.10, M2.20 and M2.30:** These sheets are being reissued to revise mechanical layouts.
3. **See the attached Addendum 2, dated February 1, 2007, from Reece Noland McElrath, Inc. for geothermal and mechanical items.**

C. ELECTRICAL DRAWINGS

1. **Sheets E2.0, E3.1, E7.0, E7.1 and E7.2:** These sheets are being reissued to revise electrical layouts.

END OF ADDENDUM

[Attachments: 30" x 42" Sheets C3.0, C3.2, C4.0, G1.0, G1.1, M2.00, M2.02, M2.10, M2.20, M2.30, E2.0, E3.1, E7.0, E7.1, and E7.2]



February 1, 2007

ORANGE COUNTY JUSTICE EXPANSION
HILLSBOROUGH, NC

ADDENDUM 2

Item 1. Refer to revised drawing M2.30 for clarification on equipment and ductwork arrangements on upper floor mechanical platform.

Item 2. Refer to revised drawing G1.0 for revised geothermal well and piping details. Well depths to be changed to 400'; branch piping to each well to be changed to 1-1/4"; Supply and Return Header Detail and Wellfield Piping Details have been changed to reflect correct number of wells on each circuit and correct pipe sizes; Underground Piping Detail has been changed to show a depth of 48" (min.) for all geothermal piping, except at footers, where piping shall be 60" deep (min.), etc..

Item 3. Refer to revised drawing G1.1 for revised well field layout. Revised plan shows: site utilities more clearly; number of wells has been reduced; locations of some wells have been changed; circuiting of wells has been modified; horizontal below grade geothermal piping has been shifted to the West; and termination point for the geothermal contractor has changed to 2' above slab in the building, etc.. Mechanical Contractor shall only be responsible for indoor piping.

Item 4. Refer to revised drawing M2.20. Revised plan shows: revised duct / diffuser layout at Mural Courtroom (X115) - contractor to delete twelve type "GG" supply diffusers shown to be installed in existing ceiling. Instead, contractor to utilize existing four banks of diffusers. Contractor to remove existing diffusers, clean them, and reinstall them in the same place - to match existing. Contractor to utilize existing custom plenum on top of each existing bank of diffusers to connect to new ductwork as shown. Transition ductwork to existing as required - coordinate with existing conditions prior to bidding; floorplan / duct layout has changed at holding cells; security bars have been eliminated at Holding Cells in 16x14 duct; missing branch and runout duct sizes have been added; fire dampers have been added to ductwork at Elev. Equipment Rooms; one duct smoke detector has been deleted, and two have been added; transfer opening sizes in existing building have been revised; etc.

Item 5. Refer to revised drawing M2.02. Piping arrangement in mechanical room has been modified to match Earth Loop Piping Schematic on M3.00.

Item 6. Refer to revised drawing M2.10. Revised plan shows: missing branch and runout duct sizes have been added; etc..

Item 7. Refer to revised drawing M2.20. Revised plan shows: revised duct / diffuser layout at Mural Courtroom (X115) - contractor to delete twelve type "GG" supply diffusers shown to be installed in existing ceiling. Instead, contractor to utilize existing four banks of diffusers. Contractor to remove existing diffusers, clean them, and reinstall them in the same place – to match existing. Contractor to utilize existing custom plenum on top of each existing bank of diffusers to connect to new ductwork as shown. Transition ductwork to existing as required – coordinate with existing conditions prior to bidding; missing branch and runout duct sizes have been added; fire dampers have been added to ductwork in chases; one duct smoke detector has been added; transfer opening sizes in existing building have been revised; etc.

END OF ADDENDUM