

COMPATIBILITY WITH EXISTING CONDITIONS

Design Conditions

Existing Conditions

The A/E must visit the site prior to start of design to determine existing conditions of electrical and mechanical systems. The design must be based upon the actual conditions, not initial design specifications.

Review of renovation drawings located in the Facilities Information Center of Engineering Services shall be an integral part of the design process.

If upgrading of the central system is necessary to meet the new needs, this information shall be given to the University Project Coordinator.

The updating of riser diagrams must also be included in project scope.

Utility Sources

The use of central utilities rather than stand-alone systems is encouraged. The A/E must closely communicate with the University early in the design phase of the project to determine the best probable sources of central services. The University Utilities Engineer will approve sources prior to schematic design.

Utility Capacity

As part of schematic design, the A/E must demonstrate that the project under design will not adversely affect utility availability for other spaces, nor utilize inordinate amounts of future capacity for all utilities. Provision is to be made for other planned consumers when a utility is upgraded.

Determination of capacity must be made early enough for funds to be allocated within the renovation project (prior to schematic design estimate if possible).

Existing Code Violations

As a part of schematic design, the A/E will receive, from the project coordinator, a listing of any outstanding code violations in areas to be renovated for incorporation into the project. Items uncovered during surveys and site visits are to be brought to the attention of the University Project Coordinator who will seek funding for incorporation of such items into the project. The project coordinator shall obtain the list from OSEA.

All (existing and new) openings in fire and acoustical separations are to be patched at end of the project.

Existing Deficiencies

As part of the Project's Program Statement, the A/E will receive, from the project coordinator, a listing of known and/or suspected deficiencies in the mechanical systems serving areas to be renovated. Such items are to be reviewed with the University Project Coordinator to determine which items must be incorporated into the project scope.

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