+ BUILDING SYSTEMS. ONE FIELD PLAN.

COMPLEX SYSTEMS. CONTROLLED REMOVAL. ONE ACCOUNTABLE TEAM.

ASI connected cooling removal, electrical safe-off, fire-system coordination and building restoration in a compressed technical decommissioning program for HCLTech in Cary.

5 DAYS
MAIN FIELD PLAN

600 LF
CHILLED-WATER LINES

200+
CEILING PENETRATIONS



OVERVIEW

CHALLENGE

Retiring a server room meant disconnecting the building infrastructure around it. Chilled-water piping extended to the mechanical room; electrical, fire protection and ceiling repairs had to move together within a five-day main field plan.

ASI APPROACH

ASI coordinated the technical trades, building-engineer interfaces and removal sequence. Electrical safe-off preceded dismantling; mechanical and fire-system work ran alongside restoration. A later flooring change completed the raised-floor infill.

RESULTS

- Cooling, UPS and associated server-room infrastructure decommissioned.
- Removal routes and affected hard-lid areas restored.
- Raised-floor openings infilled using existing material.

HCLTECH | CARY, NORTH CAROLINA

This was infrastructure decommissioning with building-level dependencies. Working with Hilldrup, ASI managed the mechanical, electrical, fire-protection and restoration scopes needed to retire the server-room environment.

PROJECT INFO

CLIENT SITE
HCLTech

LOCATION
Cary, North Carolina

MAIN FIELD PLAN
Five days

PROJECT REACH
Server room + pipe route

DELIVERY
Technical decommission

STATUS
Completed

+ THE INFRASTRUCTURE BEHIND THE REMOVAL

THE SCOPE RAN BEYOND THE ROOM.
EVERY CONNECTION HAD A SEQUENCE.

Cooling equipment could not simply be rolled away. Piping, power, fire protection and the surfaces left behind were linked tasks within one coordinated field plan.



EQUIPMENT REMOVAL | IN PROGRESS

COOLING + POWER

COORDINATED DISCONNECTION

FIRE + BUILDING

SYSTEM INTERFACES

REPAIR + INFILL

RESTORATION AFTER REMOVAL

A FIVE-DAY MAIN FIELD PLAN

Mechanical, electrical and fire-protection activities were scheduled together. Drywall followed the removal work, with final punch in the main field plan. A separate flooring change addressed the raised-floor infill.

BUILDING COORDINATION MATTERED

The pipe route passed through adjoining areas rather than stopping at the server-room door. ASI coordinated the planned restroom shutdown with the building engineer so the work and tenant logistics could be aligned.

+ THE ASI DELIVERY MODEL

REMOVE THE SYSTEMS.
CONTROL THE CONNECTIONS.

ASI linked the specialist scopes to a single field sequence, with clear limits between ASI work, retained building systems and work assigned to others.

SAFE

ISOLATE PRE-REMOVAL DISMANTLING

Disconnect UPS equipment and its generator connection, then safe off the cooling-unit, rack, overhead and underfloor electrical infrastructure within the server room.

MECH

TRACE REMOVAL BEYOND THE ROOM

Remove two water-cooled Liebert PCW units, associated drains and approximately 600 linear feet of chilled-water piping back toward the mechanical room.

FIRE

MANAGE THE BUILDING INTERFACE

Remove the FM200 system and coordinate its separation from the building house system, including reprogramming. Keep this dependency tied to the removal sequence.

RESTORE

CLOSE THE OPENINGS LEFT BEHIND

Repair the affected hard-lid and pipe-route areas. Coordinate access through adjoining spaces with the building engineer, including a planned two-day restroom shutdown.

CLOSE

COMPLETE THE TECHNICAL CLOSEOUT

Handle in-room low-voltage and card-system removal, then add raised-floor infill using existing material as the follow-on authorized flooring scope.

PROJECT INFO

CLIENT SITE
HCLTech

LOCATION
Cary, North Carolina

DELIVERY PARTNER
Hilldrup

FOOTPRINT
Server room + pipe route

MAIN FIELD PLAN
Five days

FOLLOW-ON
Raised-floor infill

STATUS
COMPLETED

ONE TEAM CONTROLLED EVERY DEPENDENCY

The field plan connected mechanical, electrical, fire protection, repair work and punch. Clear work boundaries protected the retained systems and kept tasks assigned to other providers separate.

COORDINATE | SAFE OFF | DISCONNECT | REMOVE | RESTORE | CLOSE OUT

ONE ACCOUNTABLE PARTNER FOR THE TECHNICAL DECOMMISSIONING SCOPE.

+ THE OUTCOME

THE EQUIPMENT WAS ONLY PART OF IT.
ASI HANDLED THE CONNECTIONS.

The completed scope joined equipment removal to utility disconnection, building-system coordination and restoration. ASI carried the technical work through signed field closeout and the subsequent flooring change.

600 LF

CHILLED-WATER LINE SCOPE

Removal extended from the server room toward the mechanical room.

200+

CEILING PENETRATION SCOPE

Repair work followed the piping removal through affected hard-lid areas.

5 DAYS

MAIN FIELD PLAN

Mechanical, electrical and fire work were planned in parallel, followed by punch.

WHAT THE PROJECT DELIVERED

INFRASTRUCTURE DECOMMISSIONED

Cooling equipment, UPS systems and associated server-room connections were addressed as a coordinated technical package.

BUILDING INTERFACES MANAGED

Generator, house fire-system and mechanical-room interfaces stayed within the same delivery plan.

RESTORATION INCLUDED

Affected hard-lid and route repairs followed removal. The later raised-floor infill reused existing material.

CLEAR RESPONSIBILITY

ASI managed its specialist trades while preserving the agreed boundaries for systems and work assigned to others.

ONE ACCOUNTABLE PARTNER.
FROM SAFE-OFF THROUGH RESTORATION.

DELIVERY RESULT

For facilities and real estate teams, the value was a coordinated technical decommission: one accountable partner connecting the removal work to the building systems and repairs it affected.

PLANNING A COMPLEX TECHNICAL DECOMMISSION?

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+ FIELD EXECUTION

FROM CONNECTED INFRASTRUCTURE.
TO REMOVAL AND RESTORATION.

The work reached beyond equipment cabinets: cooling routes, electrical connections and the raised-floor environment all needed their own coordinated handoff.



COOLING EQUIPMENT | BEFORE



CHILLED-WATER ROUTE | BEFORE



PIPE-ROUTE REPAIR | IN PROGRESS



RAISED-FLOOR INFILL | COMPLETED