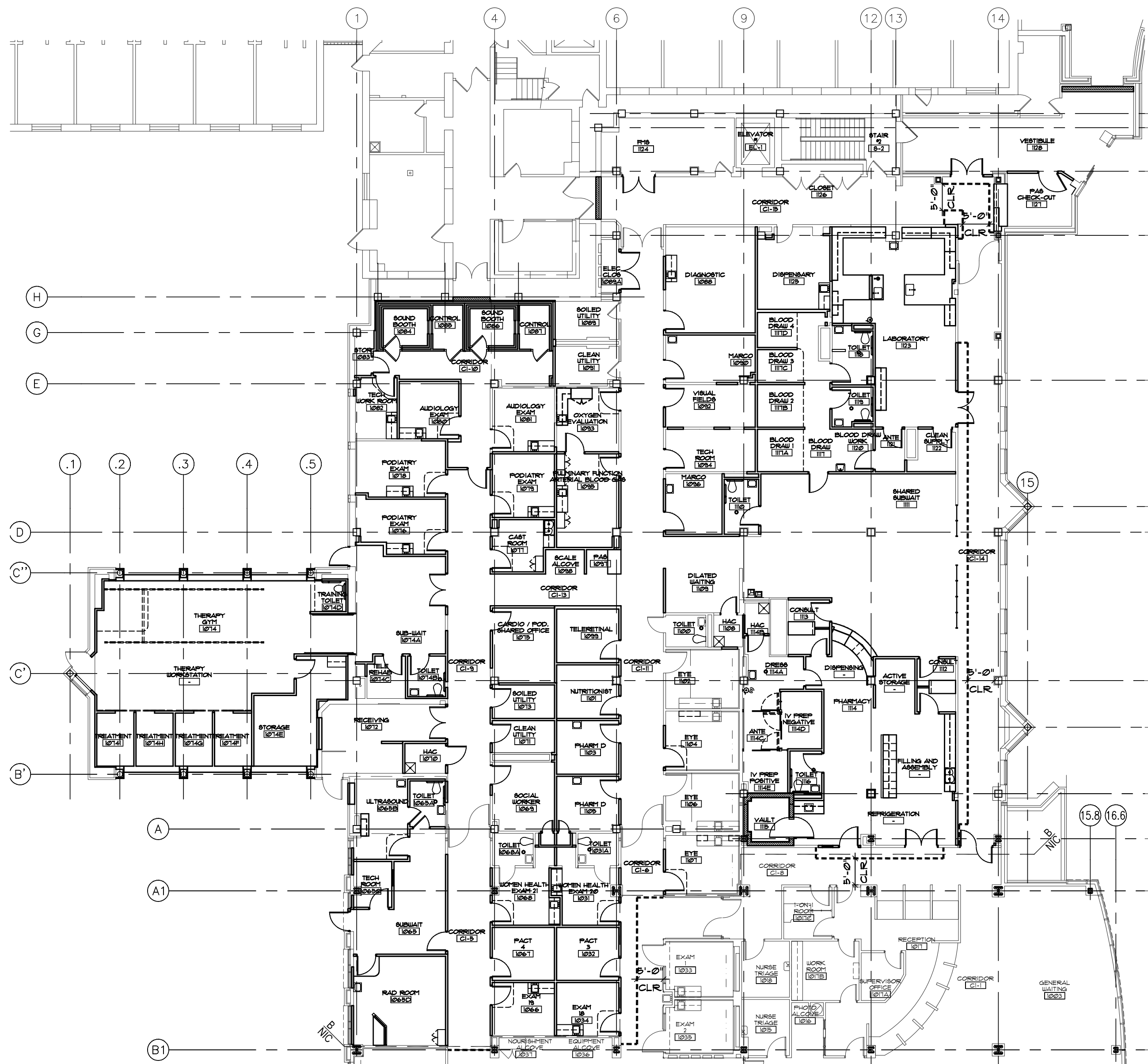


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1 FIRST FLOOR DEDUCT ALTERNATES PLAN
SCALE: 1/16"=1'-0"



2 FIRST FLOOR CONSTRUCTION BARRIER PLAN
SCALE: 1/16"=1'-0"

CONSTRUCTION BARRIER KEY

TEMPORARY CONSTRUCTION PARTITION

BID ITEMS 4 DEDUCTIVE ALTERNATE NARRATIVES

BASE BID: Drawings as currently shown in Contract Documents without application of any deductive alternates, and including the two additive alternates individually broken out as separate costs (Sheets G1007 & G1008).

BID ITEM 1: Work contemplated in Base Bid with application of Deductive Alternate #1

DEDUCTIVE ALTERNATE #1: Limited Renovation of Therapy Gym Areas

Demolition
Demo all space with the exception of the Ambulance Bay per the Contract Documents.

Architectural
Construct all non-rated perimeter walls with gypsum board installed on corridor side of metal stud to create shell space. Extend metal stud and gypsum board to deck above. Construct all rated perimeter walls as indicated on sheet A801. Tape, mud, sand and joint all gypsum board on corridor side of shell space. Install doors 1074A-1 & 1074A-2 and all related frames and hardware per door schedule on sheet A802. No new floor, wall, ceiling or specialty construction to be installed within shell space or existing ambulance bay.

Structural
No new work required within the Ambulance Bay. No demo work required. Space shall remain as-is prior to construction. Do not install any of the structural reinforcement or support shown on CS501.

Electrical
No new work required.

Technology
No new work required.

Ventilation
No new work required.

Piping
No new work required. Unit heaters and associated piping shall remain.

Plumbing
No new work required.

Fire Protection
No new work required. No demo work required. Space shall remain as-is prior to construction.

BID ITEM 2: Work contemplated in Base Bid with application of Deductive Alternate #1 and #2

DEDUCTIVE ALTERNATE #2: Limited Renovation of Pharmacy Compounding Lab Areas

Demolition
Demo all space per the Contract Documents.

Architectural
Construct all non-rated perimeter walls with gypsum board installed on Pharmacy 1114 side of metal stud to create shell space. Extend metal stud and gypsum board to deck above. Construct all rated perimeter walls as indicated on sheet A801. Construct demising wall between deductive alternates 2 and 5 as single sided gypsum board installed on Pharmacy 1114 of partition. Tape, mud, sand and joint all gypsum board on Pharmacy 1114 side of shell space. Install door 1114A-1 and all related frames and hardware per door schedule on sheet A802. No new floor, wall, ceiling or specialty construction to be installed within shell space.

Electrical
Provide four (4) flush mounted duplex receptacles, one (1) on each wall of the shell space, fed from panel LP2 using minimum 2#12 & 1#12 GND, in 3/4" C. Provide (8) F88 luminaires evenly spaced, suspended from the structure, fed from panel LP2 using minimum 2#12 & 1#12 GND, in 3/4" C, and controlled by a flush mounted luminaire switch installed at the entry to the shell space. Provide two (2) evenly spaced smoke detectors and fire alarm audio/visual devices per NFPA. To accommodate the future build out of the space, provide 18 empty 3/4" conduits from above the north electrical closet to above the shell space and label as "Future lighting, power, and fire alarm".

Technology
Provide four (4) flush mounted 2-port information outlets (one per wall). Locate information outlets adjacent to convenience electrical outlets described in electrical narrative. Each information outlet shall receive standard rough-in and cabling as specified throughout this project.

Ventilation
Demo ceiling mounted air inlets and outlets. Duct mains shall not be removed. Duct connections to the removed air inlets and outlets shall remain and balancing shall not be adjusted to provide space temperature conditioning. Provide additional support from structure for any flexible duct hanging below 8'-0" after removal of inlets/outlets. Existing TAB-12 Tstat shall be located in the shell space.

Piping
No new ductwork, Tstat, or TAB work required.

Plumbing
No new work required.

Fire Protection
All fire protection items shall remain functional after ceiling demo work is completed in shell space.

BID ITEM 3: Work contemplated in Base Bid with application of Deductive Alternate #1, #2 and #3

DEDUCTIVE ALTERNATE #3: Limited Renovation of Laboratory Areas

Demolition
Demo all space per the Contract Documents.

Architectural
Construct all non-rated perimeter walls with gypsum board installed on Toilet Room / Blood Draw side of metal stud to create shell space. Extend metal stud and gypsum board to deck above. Construct all rated perimeter walls as indicated on sheet A801. Construct demising wall between deductive alternates 3 and 6 as single sided gypsum board installed on Toilet Room / Blood Draw side of partition. Tape, mud, sand and joint all gypsum board on corridor side and Toilet Room / Blood Draw side of shell space. Install doors 1123-1 and 1121-1 and all related frames and hardware per door schedule on sheet A802. No new floor, wall, ceiling or specialty construction to be installed within shell space.

Electrical
Provide four (4) flush mounted duplex receptacles, one (1) on each wall of the shell space, fed from panel LP3 using minimum 2#12 & 1#12 GND, in 3/4" C. Provide (16) F88 luminaires evenly spaced, suspended from the structure, fed from panel LP3 using minimum 2#12 & 1#12 GND, in 3/4" C, and controlled by a flush mounted luminaire switch installed at the entry to the shell space. Provide two (2) evenly spaced smoke detectors and fire alarm audio/visual devices per NFPA. To accommodate the future build out of the space, provide 31 empty 3/4" conduits from above the north electrical closet to above the shell space and label as "Future lighting, power, and fire alarm".

Technology
Provide four (4) flush mounted 2-port information outlets (one per wall). Locate information outlets adjacent to convenience electrical outlets described in electrical narrative. Each information outlet shall receive standard rough-in and cabling as specified throughout this project.

Ventilation
Perform all demo work as shown on plan. Provide 12x12 supply duct from TAB-29 as shown on MH-1118 and terminate duct after north wall penetration of shell space. Relocate existing Tstat as shown on MH-1118. Provide 14x12 return duct as shown on MH-1118 and terminate duct after wall penetration between Toilet 1118 and Laboratory 1123. Do not provide any branch ductwork or air handlers/ducts within shell space. Supply duct from TAB-27 serving PAK-check and associated work shall be completed.

Piping
No new work required.

Plumbing
No new work required.

Fire Protection
All fire protection items shall remain functional after ceiling demo work is completed in shell space.

BID ITEM 4: Work contemplated in Base Bid with application of Deductive Alternate #1, #2, #3 and #4

DEDUCTIVE ALTERNATE #4: Limited Renovation of Radiology Areas

Demolition
Demo Room 2118 per contract documents with the exception of existing doors, partitions, flooring, floor base, and EXISTING RETURN AIR DUCT RETURN GRILLE. Do not demo Rooms 2092, 2093 & 2094.

Architectural
Construct all non-rated perimeter walls with gypsum board installed on corridor side of metal stud to create shell space. Extend metal stud and gypsum board to deck above. Construct all rated perimeter walls as indicated on sheet A801. Tape, mud, sand and joint all gypsum board on corridor side of shell space. Install doors 1113-1, 1113-2, 1113-3, 1113-4 and 1114-1 and all related frames and hardware per door schedule on sheet A802. Do not install door 1114A-1 or demising partition between deductive alternate No. 2 & No. 5. No new floor, wall, ceiling or specialty construction to be installed within room 2118.

Electrical
All existing outlets to remain functional. To accommodate the future build out of the space, provide 11 empty 3/4" conduits from above the north electrical closet to above existing construction within the space and label as "Future lighting, power, and fire alarm". For room 2118 provide (2) F88 luminaires evenly spaced suspended from the structure, fed from panel LP3 using minimum 2#12 & 1#12 GND, in 3/4" C, and controlled by a flush mounted luminaire switch installed at the entry to the shell space.

Technology
Contractor to provide minimum 1 working data outlet per room in 2092, 2093, 2094 & 2118.

Ventilation
Maintain area ventilation. Demo return duct downstream of room 2118 return grille and cap duct at return grille. New ductwork running through Room 2118 and serving rooms still within the contract scope are to be installed per the contract documents.

Piping
No new work required.

Plumbing
No new work required.

Fire Protection
All fire protection items shall remain functional.

BID ITEM 5: Work contemplated in Base Bid with application of Deductive Alternate #1, #2, #3, #4 and #5

DEDUCTIVE ALTERNATE #5: Limited Renovation of Pharmacy Areas

Demolition
Demo all space per the Contract Documents.

Architectural
Construct all non-rated perimeter walls with gypsum board installed on corridor side of metal stud to create shell space. Extend metal stud and gypsum board to deck above. Construct all rated perimeter walls as indicated on sheet A801. Tape, mud, sand and joint all gypsum board on corridor side of shell space. Install doors 1113-1, 1113-2, 1113-3, 1113-4 and 1114-1 and all related frames and hardware per door schedule on sheet A802. Do not install door 1114A-1 or demising partition between deductive alternate No. 3 & No. 6. No new floor, wall, ceiling or specialty construction to be installed within shell space.

Electrical
Provide four (4) flush mounted duplex receptacles, one (1) on each wall of the shell space, fed from panel LP2 using minimum 2#12 & 1#12 GND, in 3/4" C. Provide (22) F88 luminaires evenly spaced, suspended from the structure, fed from panel LP2 using minimum 2#12 & 1#12 GND, in 3/4" C, and controlled by a flush mounted luminaire switch installed at the entry to the shell space. Provide two (2) evenly spaced smoke detectors and fire alarm audio/visual devices per NFPA. To accommodate the future build out of the space, provide 28 empty 3/4" conduits from above the north electrical closet to above the shell space and label as "Future lighting, power, and fire alarm".

Technology
Provide four (4) flush mounted 2-port information outlets (one per wall). Locate information outlets adjacent to convenience electrical outlets described in electrical narrative. Each information outlet shall receive standard rough-in and cabling as specified throughout this project.

Ventilation
Demo ceiling mounted air inlets and outlets. Duct mains shall not be removed. Duct connections to the removed air inlets and outlets shall remain and balancing shall not be adjusted to provide space temperature conditioning. Provide additional support from structure for any flexible duct hanging below 8'-0" after removal of inlets/outlets. Existing TAB-15 and TAB-16 Tstats shall be located in the shell space.

Piping
No new ductwork, Tstat, or TAB work required.

Plumbing
No new work required.

Fire Protection
All fire protection items shall remain functional after ceiling demo work is completed in shell space.

BID ITEM 6: Work contemplated in Base Bid with application of Deductive Alternate #1, #2, #3, #4, #5 and #6

DEDUCTIVE ALTERNATE #6: Limited Renovation of Blood Draw Areas

Demolition
Demo all space per the Contract Documents.

Architectural
Construct all non-rated perimeter walls with gypsum board installed on corridor side of metal stud to create shell space. Extend metal stud and gypsum board to deck above. Construct all rated perimeter walls as indicated on sheet A801. Tape, mud, sand and joint all gypsum board on corridor side of shell space. Install door 1111-1 and all related frames and hardware per door schedule on sheet A802. Do not install door 1111A-1 or demising partition between deductive alternate No. 3 & No. 6. No new floor, wall, ceiling or specialty construction to be installed within shell space.

Electrical
Provide four (4) flush mounted duplex receptacles, one (1) on each wall of the shell space, fed from panel LP3 using minimum 2#12 & 1#12 GND, in 3/4" C. Provide (10) F88 luminaires evenly spaced, suspended from the structure, fed from panel LP3 using minimum 2#12 & 1#12 GND, in 3/4" C, and controlled by a flush mounted luminaire switch installed at the entry to the shell space. Provide two (2) evenly spaced smoke detectors and fire alarm audio/visual devices per NFPA. To accommodate the future build out of the space, provide 19 empty 3/4" conduits from above the north electrical closet to above the shell space and label as "Future lighting, power, and fire alarm".

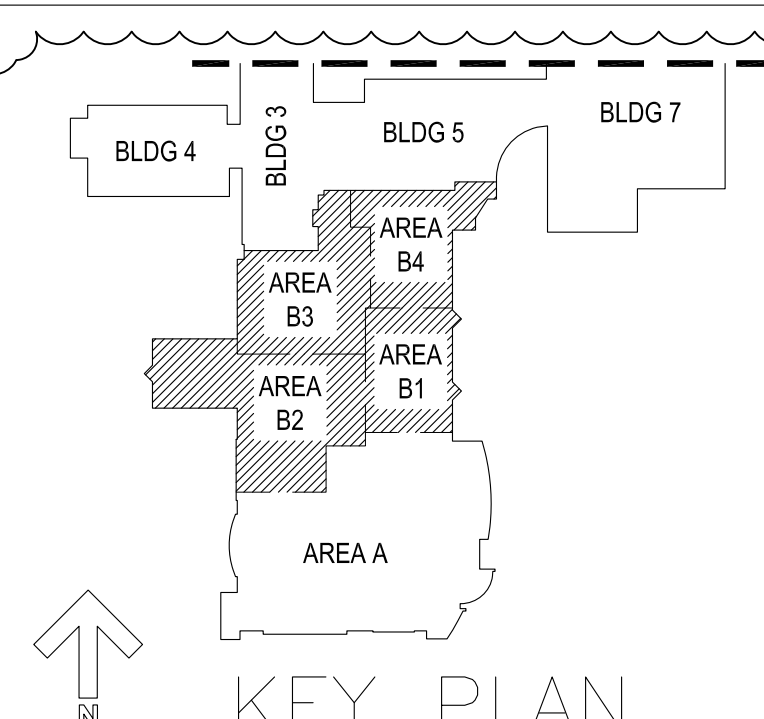
Technology
Provide four (4) flush mounted 2-port information outlets (one per wall). Locate information outlets adjacent to convenience electrical outlets described in electrical narrative. Each information outlet shall receive standard rough-in and cabling as specified throughout this project.

Ventilation
Perform demolition work. Discharge of TAB-26 shall be open to the shell space to provide space temperature conditioning. Provide return duct air flow balancing in 10x8 existing return ductwork. Locate TAB 26 Tstat within shell space.

Piping
No new work required.

Plumbing
No new work required.

Fire Protection
All fire protection items shall remain functional after ceiling demo work is completed in shell space.



KEY PLAN

CONSULTANTS: MECHANICAL, ELECTRICAL AND PLUMBING



1100 WARRENVILLE ROAD, SUITE 400W
NAPerville, IL 60563
630.527.2320 FAX: 630.527.2321
www.kjww.com

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REFERENCE SCALE IN INCHES
1" = 1'-0"

STRUCTURAL, CIVIL, ARCHITECTURE

GUIDON DESIGN

2453 N. DELAWARE ST.
INDIANAPOLIS, IN 46205
PHONE: (317) 800-6388

ARCHITECTURE, PLANNING AND INTERIORS

PFB ARCHITECTS, LLC

33 N. LASALLE STREET, SUITE 3600
CHICAGO, ILLINOIS 60602
PHONE: (312) 376-3100 FAX: (312) 376-3106

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Drawing Title

DEDUCTIVE ALTERNATES PLAN AND NARRATIVE

Project Title

RELOCATE JOLIET CBQC
BID PACKAGE C
PHASE 2

Location

JOLIET, ILLINOIS

Date

07-25-2013

Checked

T.J. J.M.

Drawn

B.P. C.S. J.W.

Project Number

578-369

Building Number

8

Drawing Number

G1006

Dwg. 6 of 107

Office of
Construction
and Facilities
Management

