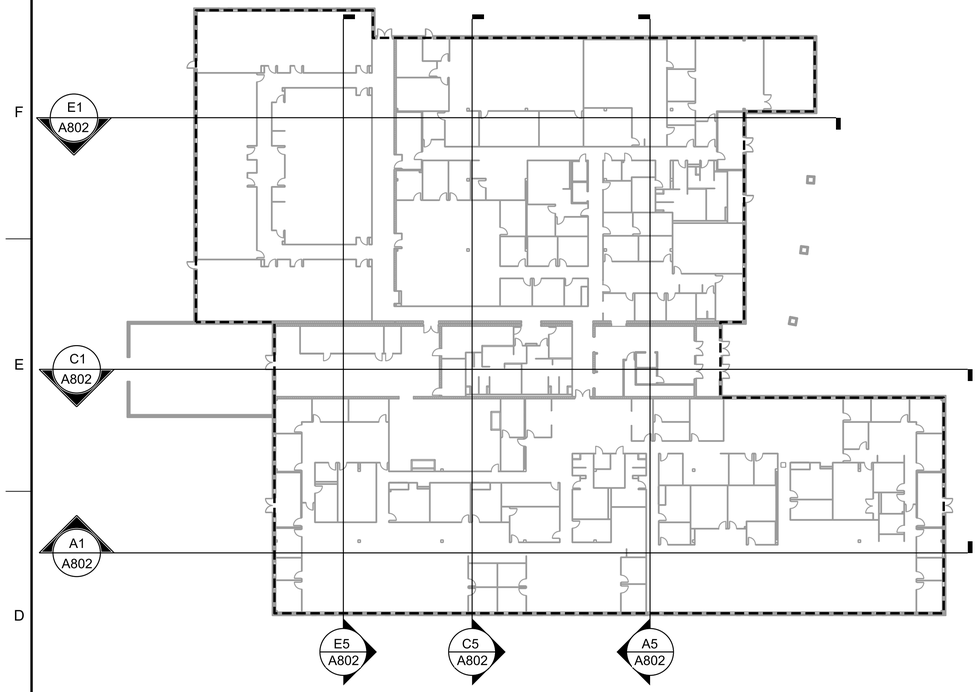
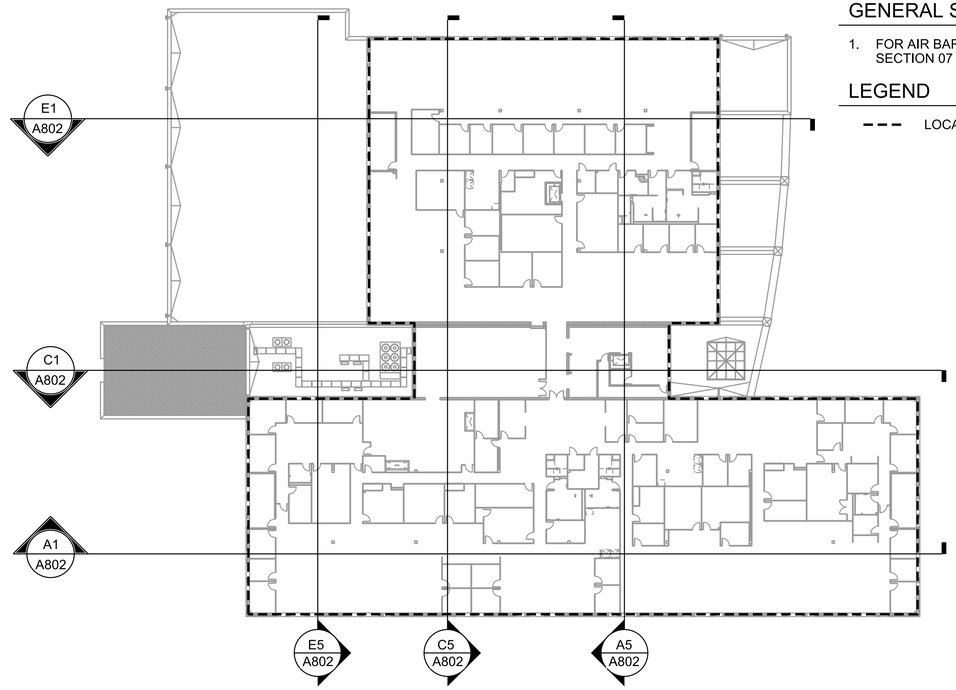
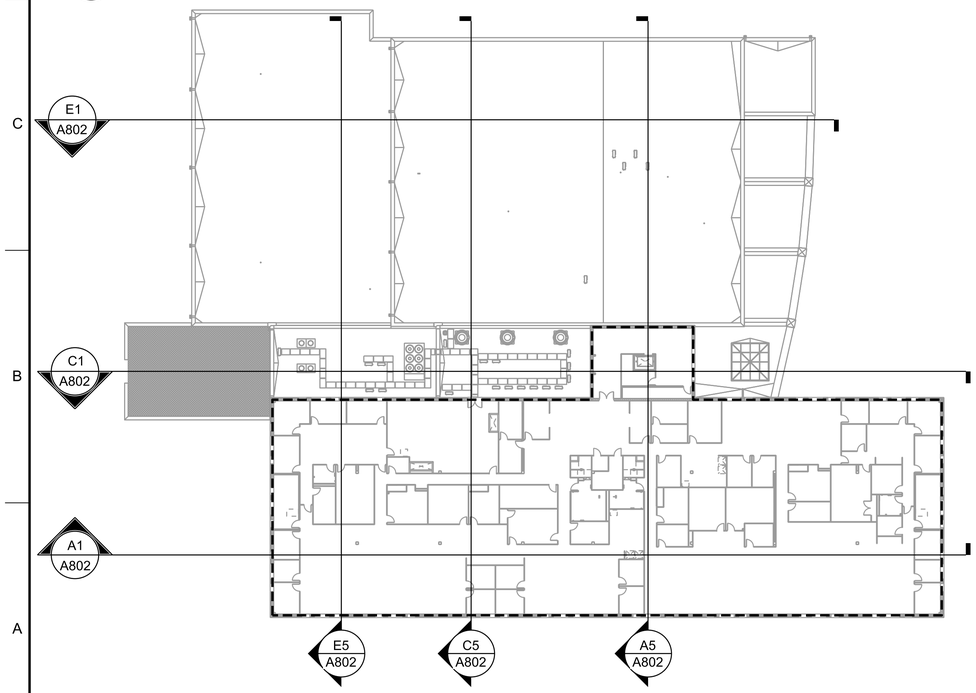


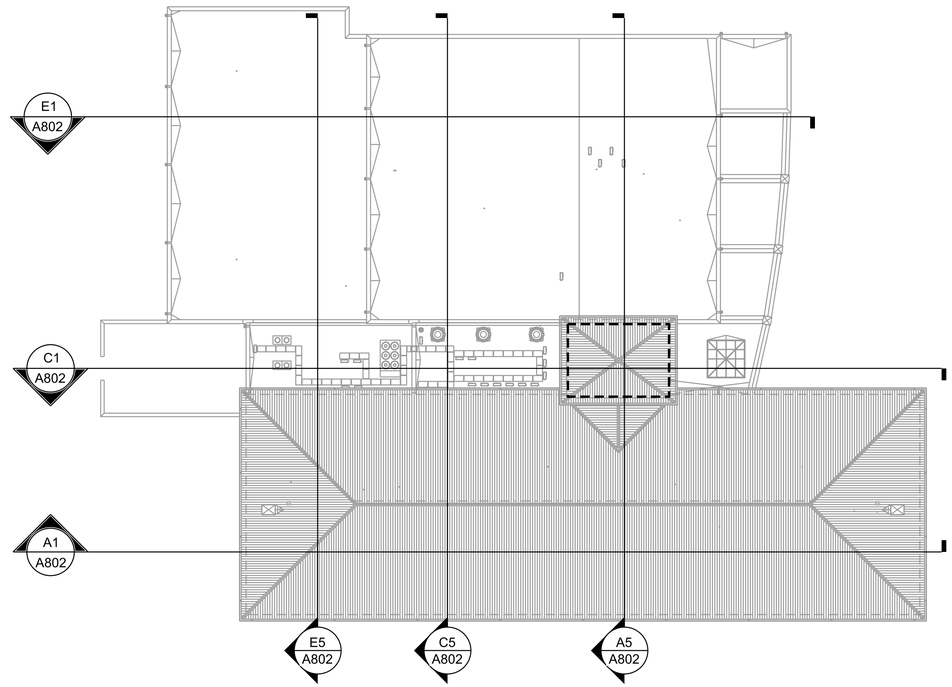
D1 AIR BARRIER FIRST FLOOR PLAN
1/32" = 1'-0"
0 16' 32' 64'



D5 AIR BARRIER SECOND FLOOR PLAN
1/32" = 1'-0"
0 16' 32' 64'



A1 AIR BARRIER THIRD FLOOR PLAN
1/32" = 1'-0"
0 16' 32' 64'



A5 AIR BARRIER TOWER PLAN
1/32" = 1'-0"
0 16' 32' 64'

GENERAL SHEET NOTES

1. FOR AIR BARRIER SYSTEM REQUIREMENTS, SEE SPEC SECTION 07 25 00.00 06.

LEGEND

- - - LOCATION OF AIR BARRIER, TYPICAL

US ARMY CORPS OF ENGINEERS
SAVANNAH DISTRICT

SYMBOL	DESCRIPTION	DATE	APPR.
	REVISIONS		

DESIGNED BY: D. HENRY
DRAWN BY: J. HENRY
CHECKED BY: M. MIRZAIAN
MELISSA MIRZAIAN
PROJECT ENGINEER/ARCHITECT

DATE: AUGUST 2010
SCALE: 1/16" = 1'-0"
DRAWING CODE: F-721-11-16
AUGUST 2010
DATE

U.S. ARMY ENGINEER DISTRICT
LOUISVILLE, KENTUCKY
LOUISVILLE, KENTUCKY

FY 2011 P.N. 58511 P2 114432
NEW CLARKSVILLE BASE CONSOLIDATED
BATTALION BRIGADE HEADQUARTERS
FORT CAMPBELL, KENTUCKY

AIR BARRIER
PLAN DETAILS

SHEET REFERENCE NUMBER:
A801
SHEET 276 OF 614

W912HN-07-X-1009

READY-TO-ADVERTISE

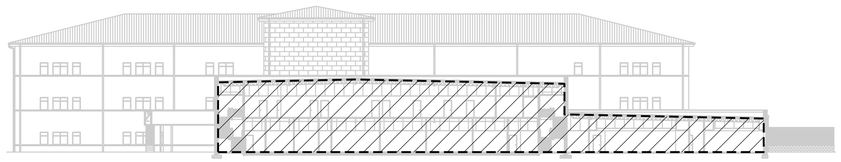
FILE: IP_PWP:dms13040\114432_A801.dgn
DATE: 28-SEP-2010 13:25

GENERAL SHEET NOTES

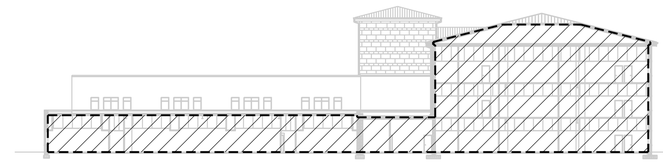
1. FOR AIR BARRIER SYSTEM REQUIREMENTS, SEE SPEC SECTION 07 25 00.00 06.

LEGEND

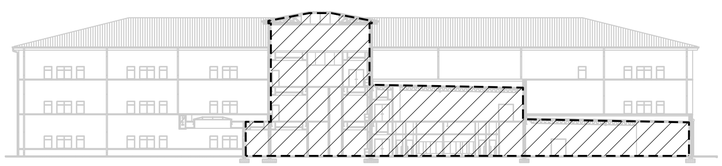
– – – LOCATION OF AIR BARRIER, TYPICAL



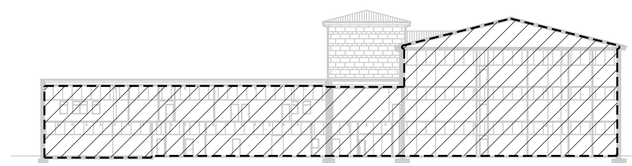
E1 AIR BARRIER SECTION DETAIL
1/32" = 1'-0"
0 16' 32' 64'



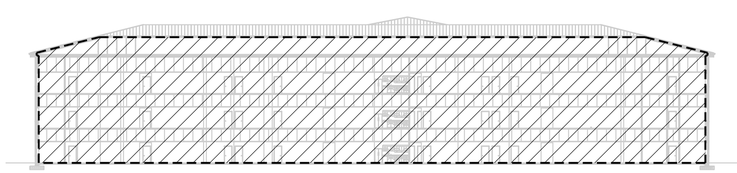
E5 AIR BARRIER SECTION DETAIL
1/32" = 1'-0"
0 16' 32' 64'



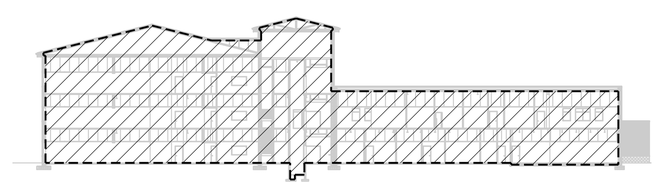
C1 AIR BARRIER SECTION DETAIL
1/32" = 1'-0"
0 16' 32' 64'



C5 AIR BARRIER SECTION DETAIL
1/32" = 1'-0"
0 16' 32' 64'



A1 AIR BARRIER SECTION DETAIL
1/32" = 1'-0"
0 16' 32' 64'



A5 AIR BARRIER SECTION DETAIL
1/32" = 1'-0"
0 16' 32' 64'

US ARMY CORPS OF ENGINEERS
SAVANNAH DISTRICT

SYMBOL	REVISIONS DESCRIPTION	DATE	APPR.

DESIGNED BY: D. HENRY
DRAWN BY: T. STAMP
CHECKED BY: M. MIRZAIAN
MELISSA MIRZAIAN
PROJECT ENGINEER/ARCHITECT
DATE: AUGUST 2010
SCALE: 1/16" = 1'-0"
DRAWING CODE: F-721-11-16
AUGUST 2010
DATE

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
LOUISVILLE, KENTUCKY

FY 2011 P.N. 58511 P2 114432
NEW CLARKSVILLE BASE CONSOLIDATED
BATTALION BRIGADE HEADQUARTERS
FORT CAMPBELL, KENTUCKY

AIR BARRIER DETAIL SECTIONS

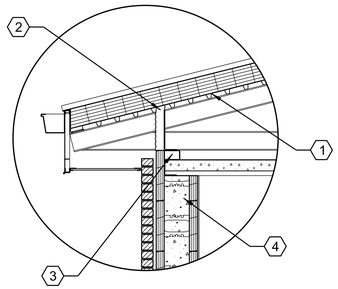
SHEET REFERENCE NUMBER:
A802

SHEET 277 OF 614

W912HN-07-X-1009

READY-TO-ADVERTISE

FILE: IP_PWP:dms13040\114432_A802.dgn
DATE: 28-SEP-2010 13:25



E1 AIR BARRIER AT EAVE

1/2" = 1'-0"

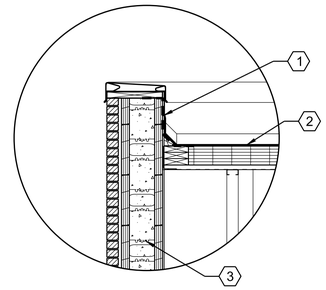
AIR BARRIER COMPONENTS:

1 METAL DECK WITH CONTINUOUS SEALED JOINTS

2 SPRAY FOAM INSULATION. SEAL AGAINST 26 GAUGE BREAK METAL BETWEEN METAL DECK AND CONCRETE WALL

3 TRUSS SEAT

4 CONCRETE WALL IN ICF SYSTEM



E3 AIR BARRIER AT PARAPET

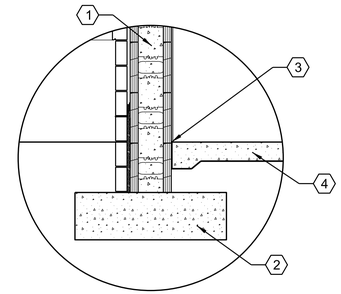
1/2" = 1'-0"

AIR BARRIER COMPONENTS:

1 AIR BARRIER TRANSITION/UNDERLAYMENT

2 SBS MODIFIED BITUMEN ROOFING MEMBRANE

3 CONCRETE WALL IN ICF SYSTEM



E5 AIR BARRIER AT FOUNDATION

1/2" = 1'-0"

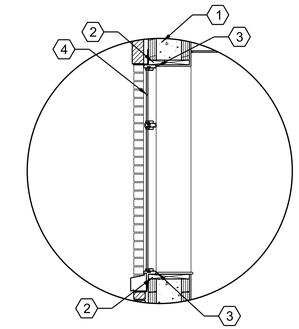
AIR BARRIER COMPONENTS:

1 CONCRETE WALL IN ICF SYSTEM

2 FOOTING

3 SEALANT

4 CONCRETE SLAB ON GRADE



E8 AIR BARRIER AT OPENING

1/2" = 1'-0"

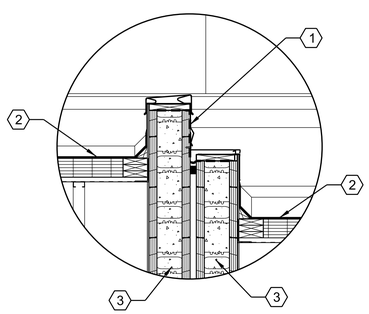
AIR BARRIER COMPONENTS:

1 CONCRETE WALL IN ICF SYSTEM

2 2" PRESSURE TREATED WOOD BLOCKING

3 SEALANT BETWEEN FRAME AND BLOCKING, BOTH SIDES

4 WINDOW GLAZING



B1 AIR BARRIER AT EXPANSION JT

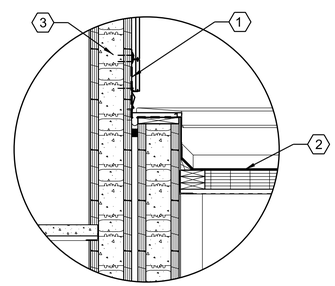
1/2" = 1'-0"

AIR BARRIER COMPONENTS:

1 AIR BARRIER TRANSITION/UNDERLAYMENT

2 SBS MODIFIED BITUMEN ROOFING MEMBRANE

3 CONCRETE WALL IN ICF SYSTEM



B3 AIR BARRIER AT EXPANSION JT

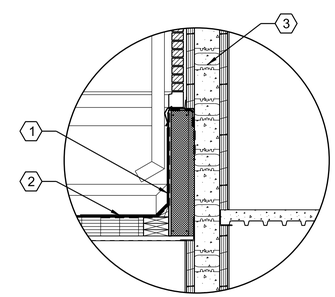
1/2" = 1'-0"

AIR BARRIER COMPONENTS:

1 AIR BARRIER TRANSITION/UNDERLAYMENT

2 SBS MODIFIED BITUMEN ROOFING MEMBRANE

3 CONCRETE WALL IN ICF SYSTEM



B5 AIR BARRIER AT ROOF

1/2" = 1'-0"

AIR BARRIER COMPONENTS:

1 AIR BARRIER TRANSITION/UNDERLAYMENT

2 SBS MODIFIED BITUMEN ROOFING MEMBRANE

3 CONCRETE WALL IN ICF SYSTEM

GENERAL SHEET NOTES

1. FOR AIR BARRIER SYSTEM REQUIREMENTS, SEE SPEC SECTION 07 25 00.00 06.
2. CONTRACTOR'S OPTION: IN LIEU OF SEALING THE METAL DECK TO PERFORM AS AN AIR BARRIER ELEMENT AS SHOWN, THE CONTRACTOR MAY INCLUDE A 1/4" THICK GLASS MAT ROOF SHEATHING OVER THE ENTIRE ROOF DECK WITH A SELF-ADHERING RUBBERIZED ASPHALT SHEET MEMBRANE UNDERLAYMENT. THE UNDERLAYMENT SHALL WRAP AROUND THE RAKES AND BACK TO THE CONCRETE WALL. AT THE GUTTER EAVES, THE SHEATHING AND UNDER-LAYMENT SHALL EXTEND TO THE ROOF EDGES. CONTRACTOR SHALL SUBMIT ALL DETAILS AND MFR INFORMATION PRIOR TO IMPLEMENTING THIS OPTION.

LEGEND

– – – LOCATION OF AIR BARRIER, TYPICAL

US ARMY CORPS OF ENGINEERS
SAVANNAH DISTRICT

SYMBOL	REVISIONS DESCRIPTION	DATE	APPR.

DESIGNED BY: D. HENRY
DRAWN BY: J. HENRY
CHECKED BY: M. MIRZAIAN
PROJECT ENGINEER/ARCHITECT: MELISSA MIRZAIAN

DATE: AUGUST 2010
SCALE: 1/2" = 1'-0"
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
LOUISVILLE, KENTUCKY

FY 2011 P.N. 58511 P2 114432
NEW CLARKSVILLE BASE CONSOLIDATED BATTALION BRIGADE HEADQUARTERS
FORT CAMPBELL, KENTUCKY

AIR BARRIER DETAILS

SHEET REFERENCE NUMBER:
A803

SHEET 278 OF 614

W912HN-07-X-1009

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