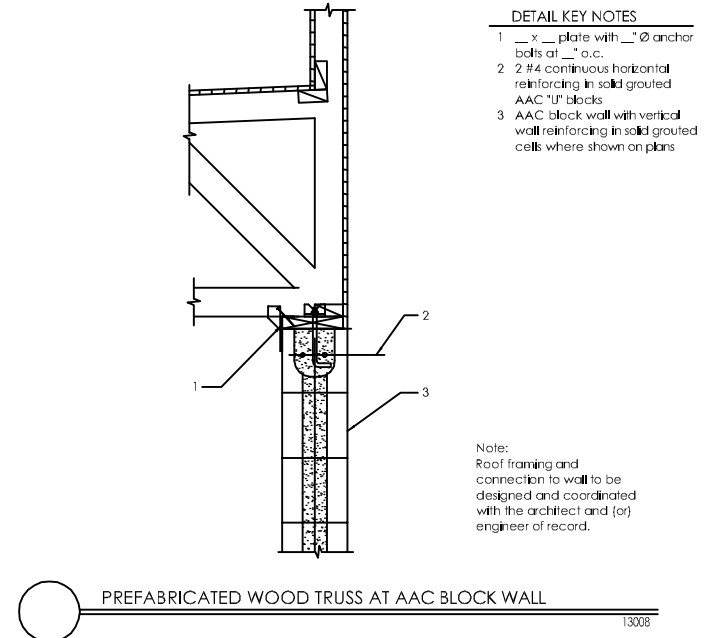
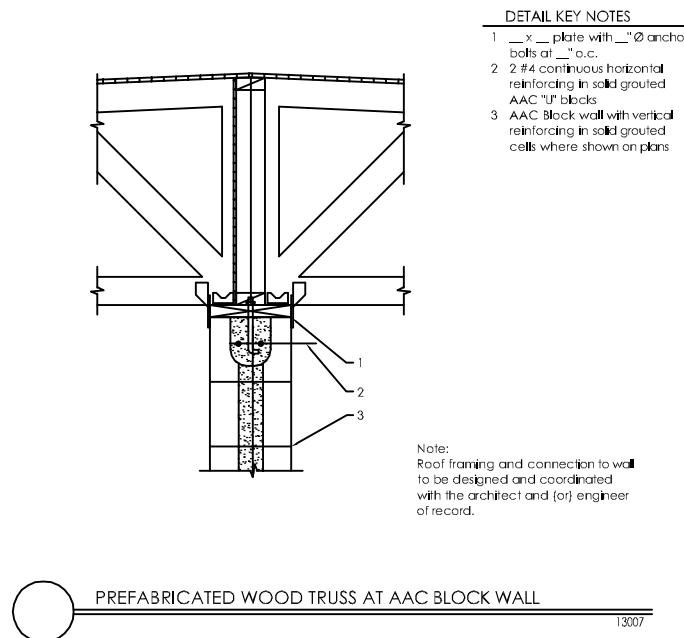
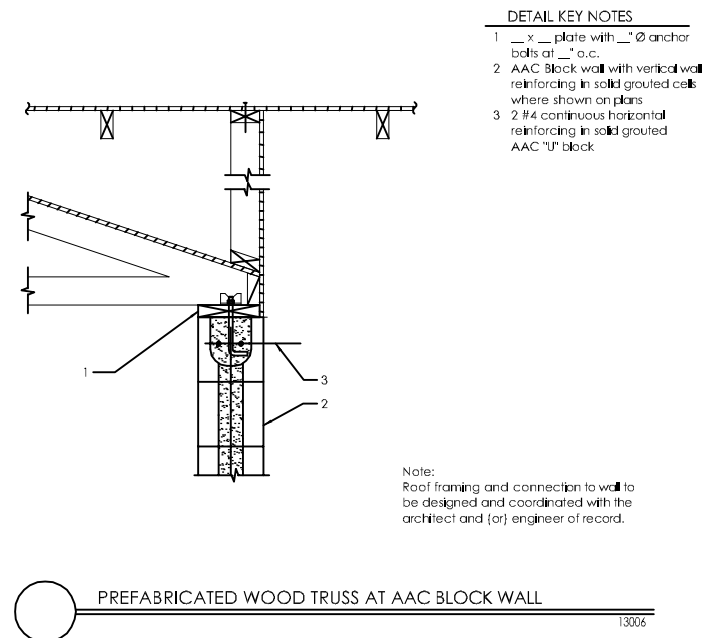
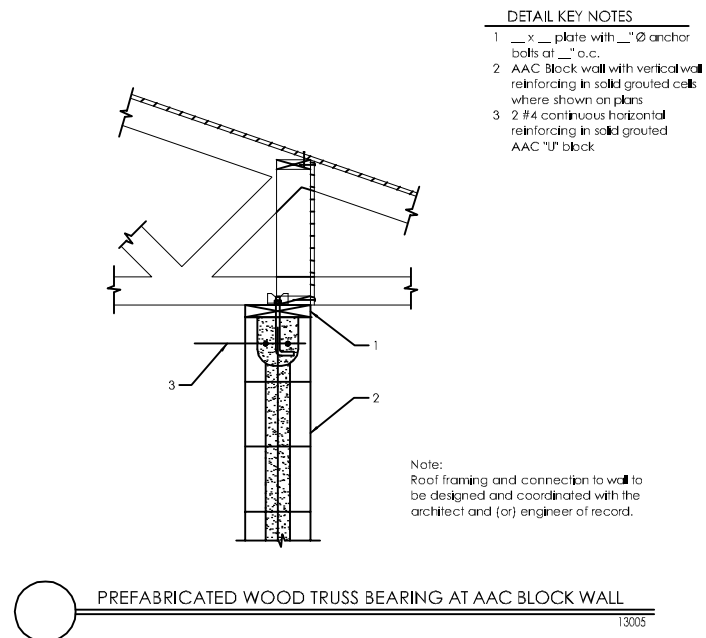
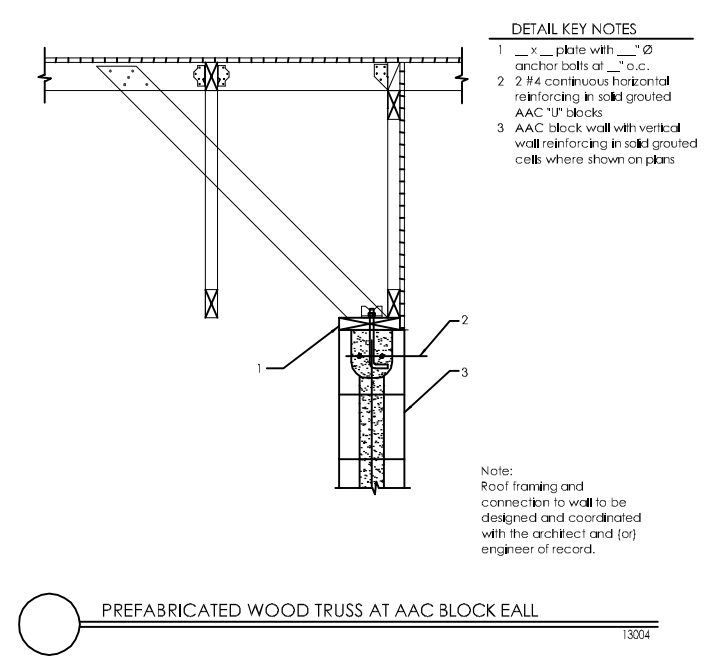
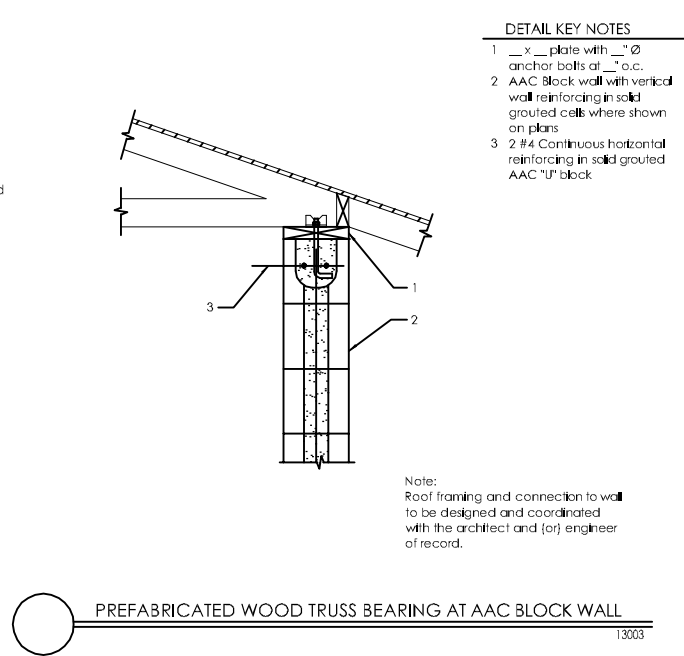
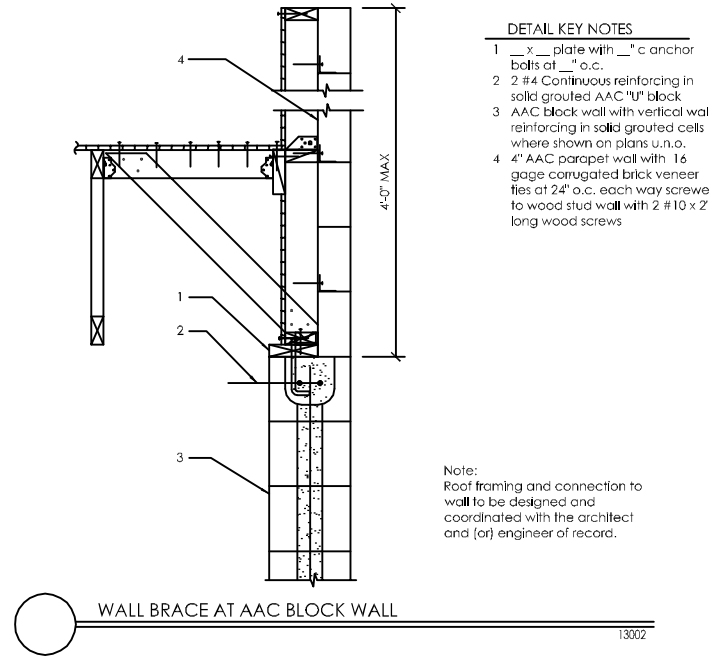
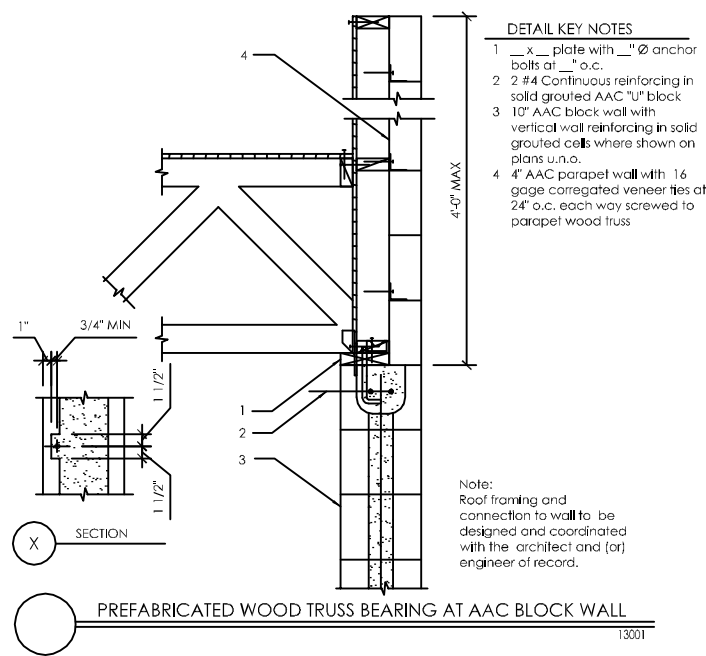


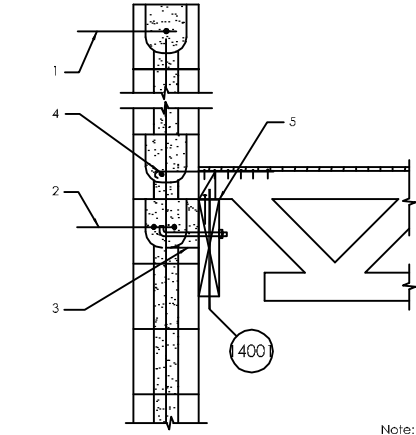
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AAC Framing Details

Structural Framing Details		
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13100	Pref. Wood Truss at AAC Wall – Wood Ledger	13101
13200	Wood “I” Joists at AAC Wall – Top Plate	13201-13202
13300	Wood “I” Joists at AAC Wall – Wood Ledger	13301-13303
13400	Wood Joists at AAC Wall – Top Plate	13401
13500	Wood Joists at AAC Wall – Wood Ledger	None at this time
13600	Wood framing at AAC and CMU Basement walls	13601
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14100	Pref. Wood Trusses / Joists at non-bearing AAC wall	14101
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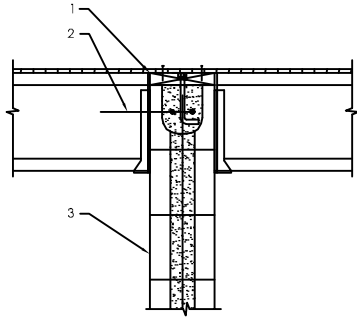


WOOD TRUSS BEARING AT WOOD LEDGER TO AAC BLOCK WALL



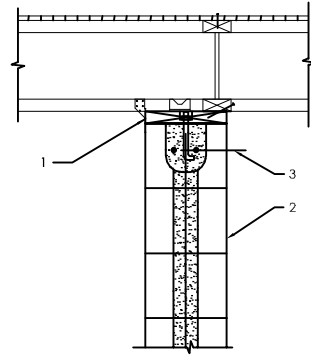
Note:
Roof framing and connection to wall to
be designed and coordinated with the
architect and (or) engineer of record.

- DETAIL KEY NOTES
- 1 #4 continuous horizontal reinforcing in solid grouted AAC "U" block - typ at top of parapet walls
 - 2 #4 continuous horizontal reinforcing in solid grouted AAC "U" block
 - 3 Notch AAC "U" block 6" at each ledger bolt - See typical ledger bolt detail
 - 4 #4 continuous horizontal reinforcing in solid grouted AAC "U" block at wall strap
 - 5 Wood ledger and connection - See ledger schedule on plans



- DETAIL KEY NOTES
- 1 ___x___ plate with ___" \varnothing anchor bolts at ___" o.c.
 - 2 2 #4 continuous horizontal reinforcing in solid grouted AAC "U" block
 - 3 AAC Block wall with vertical wall reinforcing in solid grouted cells where shown on plans

Note:
Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.



- DETAIL KEY NOTES
- 1 ___x___ plate with ___" \varnothing anchor bolts at ___" o.c.
 - 2 AAC Block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 3 2 #4 continuous horizontal reinforcing in solid grouted AAC "U" block

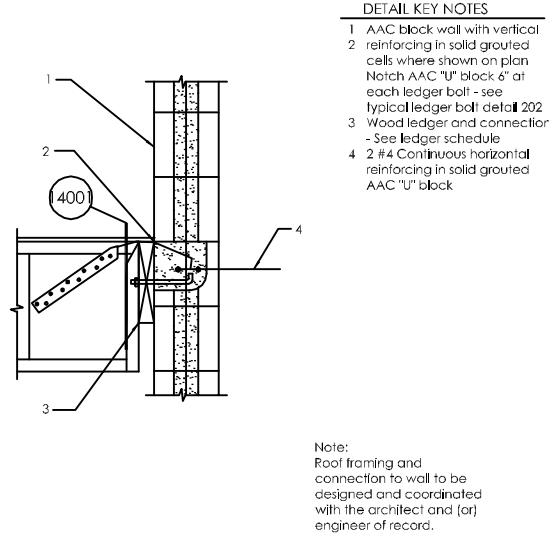
Note:
Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.

PREFABRICATED WOOD "I" JOIST AT AAC BLOCK WALL
13201

WOOD "I" JOIST AT AAC BLOCK WALL
13202

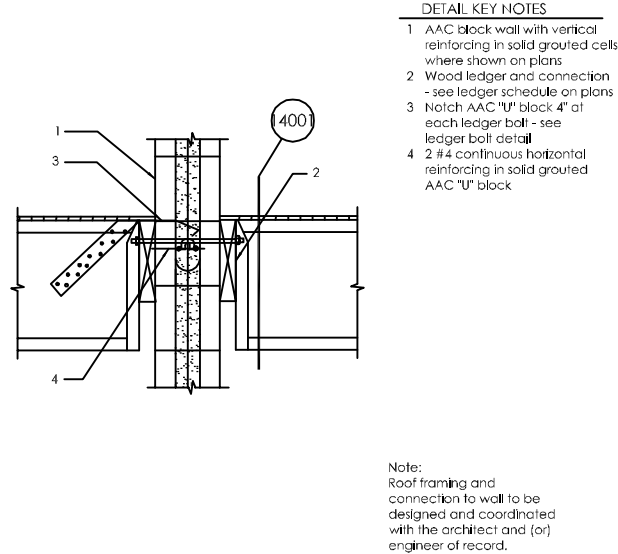
WOOD "I" JOIST AT AAC BLOCK WALL

13301



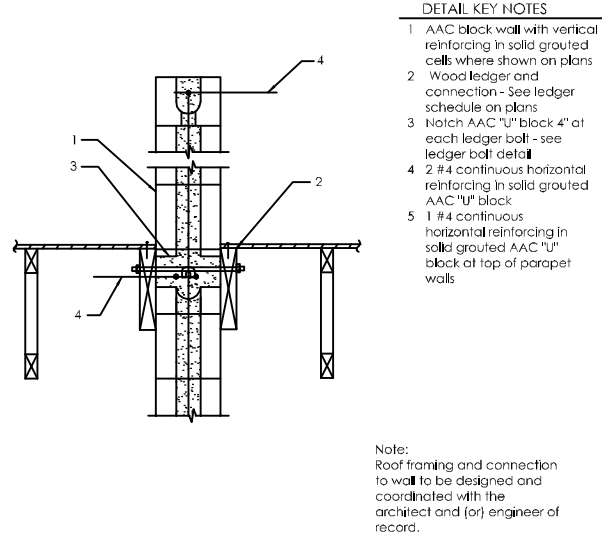
WOOD ROOF "I" JOIST AT AAC BLOCK WALL

13302

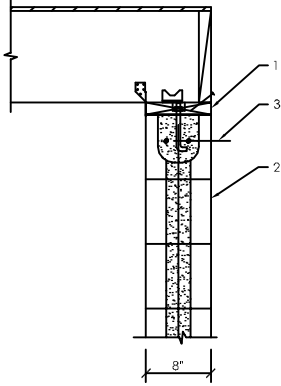


AAC DOUBLE LEDGER - NON-BEARING

13303



- DETAIL KEY NOTES
- 1 ___x___ plate with ___" Ø anchor bolts at ___" o.c.
 - 2 AAC Block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 3 2 #4 continuous horizontal reinforcing in solid grouted AAC "U" block



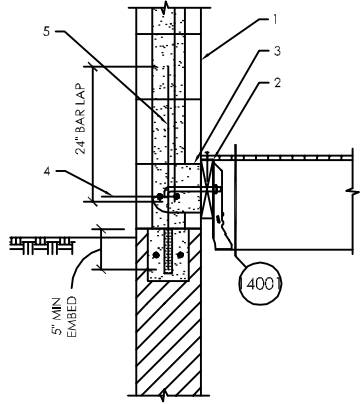
Note:
Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.

WOOD JOIST AT AAC BLOCK WALL

13401

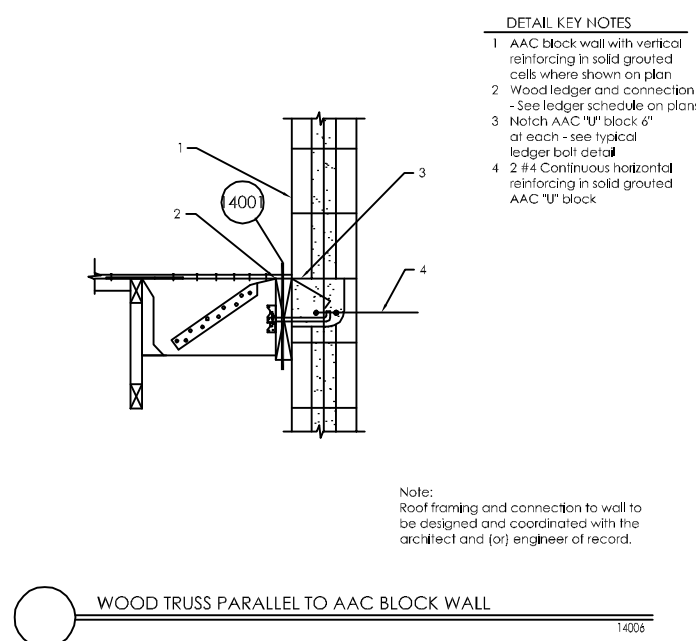
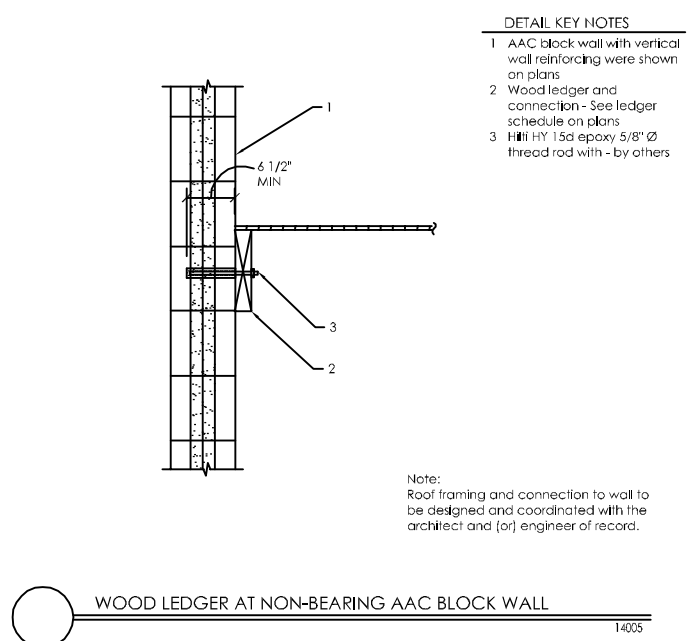
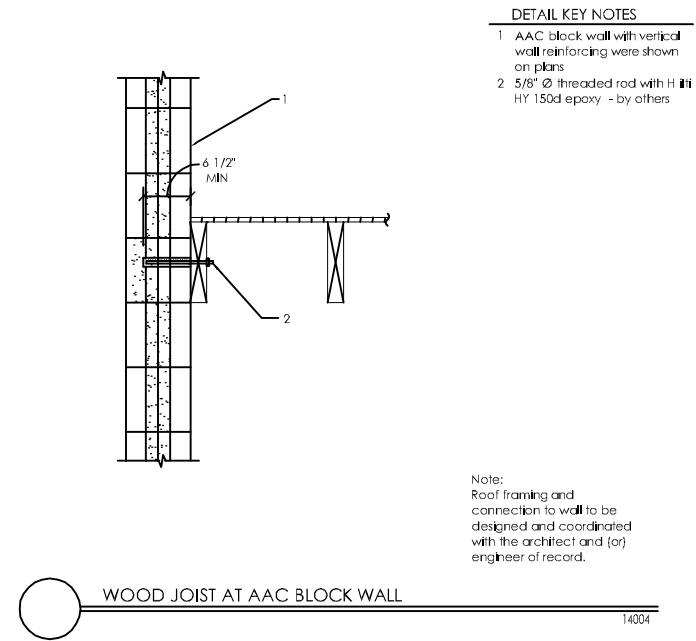
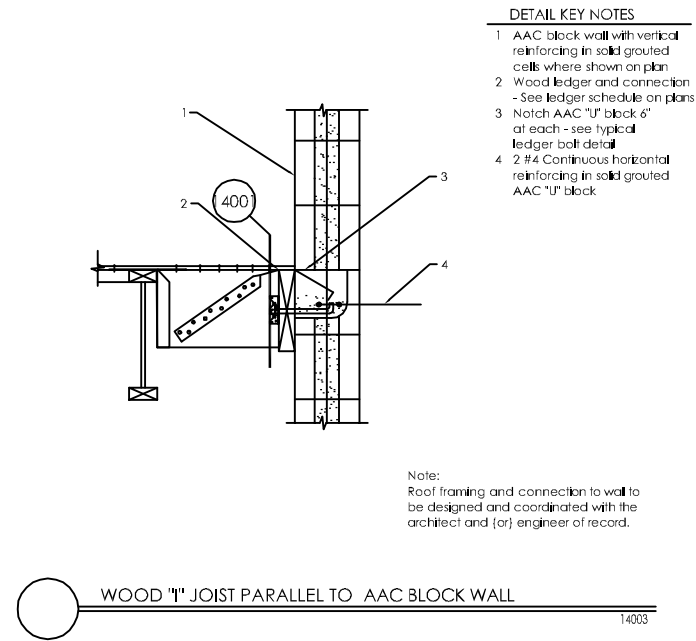
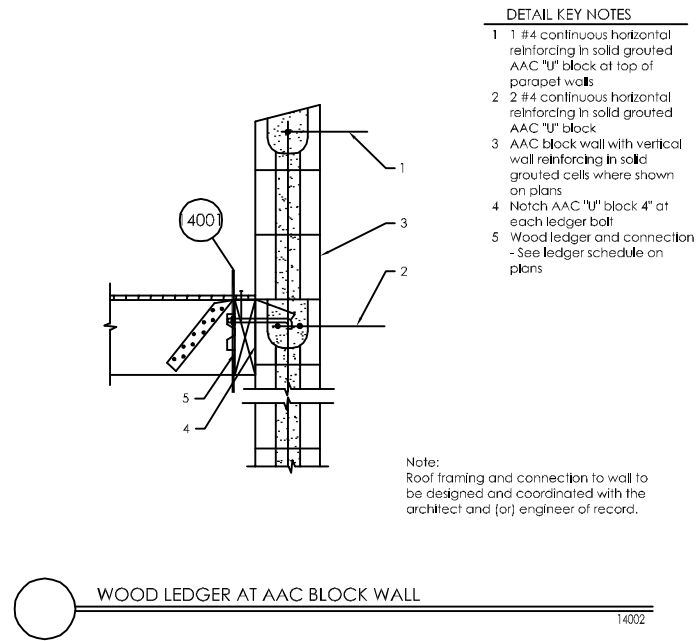
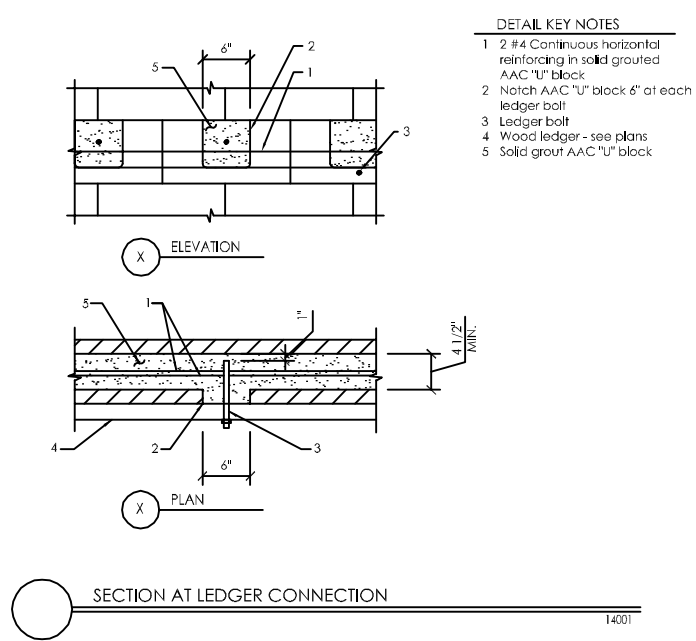
13601

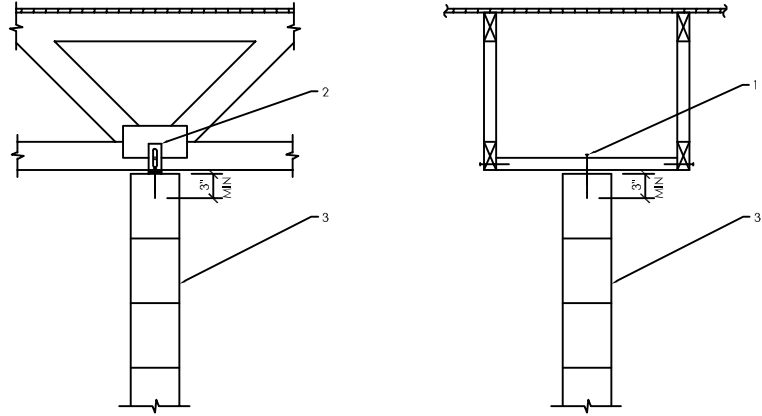
AAC WALL AT CMU BASEMENT WALL AND FLOOR JOIST



- DETAIL KEY NOTES
- 1 AAC block wall with #4 vertical reinforcing at wall ends, corners, each side of opening and at spacing not to exceed 48" o.c.
 - 2 Wood ledger and connection
- See ledger schedule on plans
 - 3 Notch bond beam block 4" at each ledger bolt
 - 4 2 #4 continuous horizontal reinforcing in solid grouted AAC "U" block
 - 5 #5 dowels to lap vertical wall reinforcing with simpson HY150 epoxy into cmu wall

- Notes:
1. Reinforcing shown is minimum reinforcing requirement, additional reinforcing at door openings greater than 4'-0" may be required.
 2. Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.





- DETAIL KEY NOTES
- 1 3/16" Coarse threaded screws at each block/clip
 - 2 Simpson DTC clip at each truss
 - 3 6" AAC Block wall

Note:
Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.

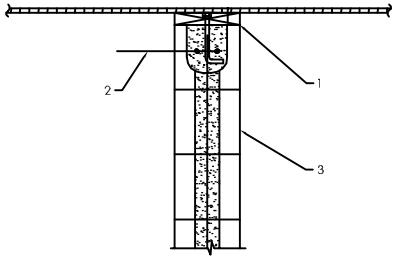
TYPICAL TOP OF AAC WALL CONNECTION AT PREFABRICATED WOOD TRUSS

14101

14101

E-CRETE

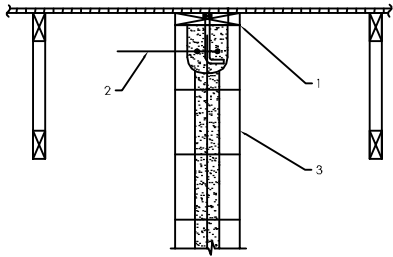
- DETAIL KEY NOTES
1. 2" x 2" wood plate with 2" Ø anchor bolts at 24" o.c.
 2. 2 #4 Continuous horizontal reinforcing in solid grouted AAC "U" block.
 3. AAC Block wall with vertical wall reinforcing in solid grouted cells where shown on plans



Note:
Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.

INTERIOR AAC BLOCK WALL AT WOOD JOIST/TRUSS 14201

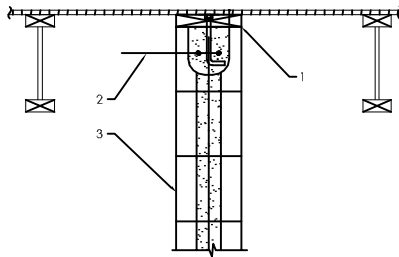
- DETAIL KEY NOTES
1. 2" x 2" wood plate with 2" Ø anchor bolts at 24" o.c.
 2. 2 #4 Continuous horizontal reinforcing in solid grouted AAC "U" block.
 3. AAC Block wall with vertical wall reinforcing in solid grouted cells where shown on plans



Note:
Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.

INTERIOR AAC BLOCK WALL AT WOOD JOIST/TRUSS 14202

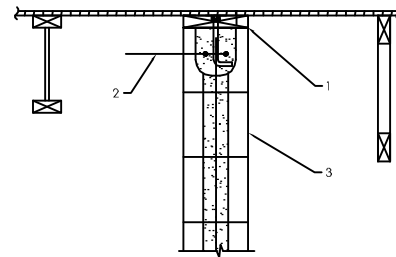
- DETAIL KEY NOTES
1. 2" x 2" wood plate with 2" Ø anchor bolts at 24" o.c.
 2. 2 #4 Continuous horizontal reinforcing in solid grouted AAC "U" block.
 3. AAC Block wall with vertical wall reinforcing in solid grouted cells where shown on plans



Note:
Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.

INTERIOR AAC BLOCK WALL AT WOOD JOIST/TRUSS 14203

- DETAIL KEY NOTES
1. 2" x 2" wood plate with 2" Ø anchor bolts at 24" o.c.
 2. 2 #4 Continuous horizontal reinforcing in solid grouted AAC "U" block.
 3. AAC Block wall with vertical wall reinforcing in solid grouted cells where shown on plans

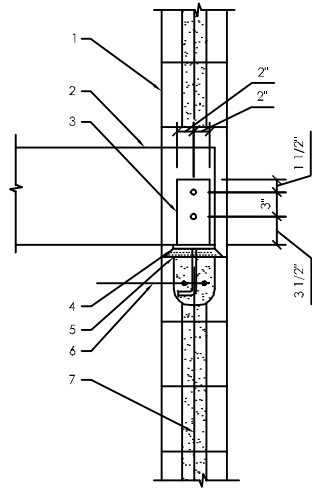


Note:
Roof framing and connection to wall to be designed and coordinated with the architect and (or) engineer of record.

INTERIOR AAC BLOCK WALL AT WOOD JOIST/TRUSS 14204

WOOD BEAM AT AAC BLOCK WALL

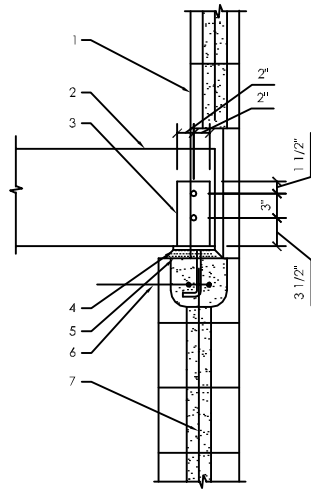
15001



- DETAIL KEY NOTES
- 1 AAC block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 2 Wood beam
 - 3 1/4\"
 - 4 1/2\"
 - 5 1\"
 - 6 2 #4 x 48\"
 - 7 Provide 1 #4 vertical reinforcing under beam bearing - typ

WOOD BEAM AT AAC BLOCK WALL

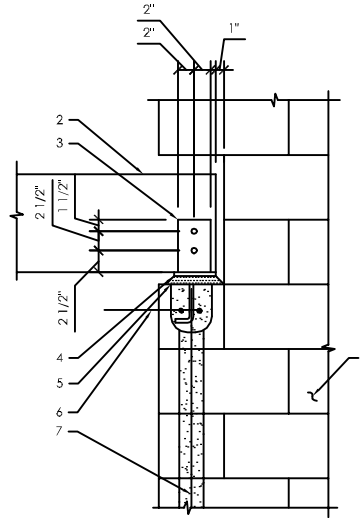
15002



- DETAIL KEY NOTES
- 1 AAC block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 2 Wood beam
 - 3 1/4\"
 - 4 1/2\"
 - 5 1\"
 - 6 2 #4 x 48\"
 - 7 Provide 1 #4 vertical reinforcing under beam bearing - typ

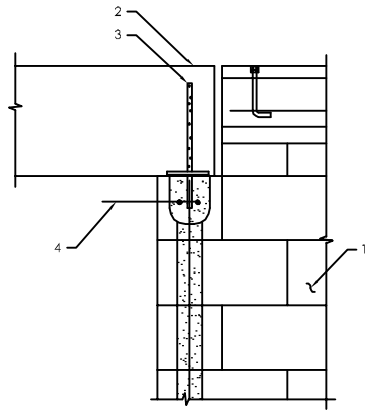
WOOD BEAM AT AAC BLOCK WALL

15003



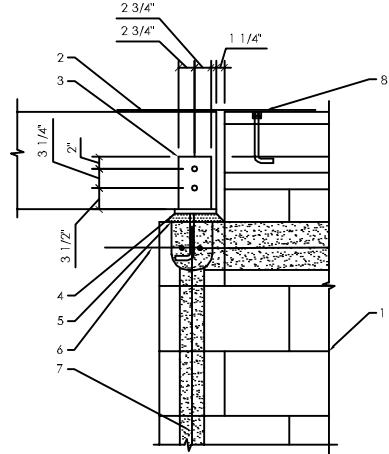
- DETAIL KEY NOTES
- 1 AAC block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 2 Wood beam
 - 3 1/4\"
 - 4 1/2\"
 - 5 1\"
 - 6 2 #4 x 48\"
 - 7 Provide 1 #4 vertical reinforcing under beam bearing - typ

WOOD BEAM AT AAC BLOCK WALL



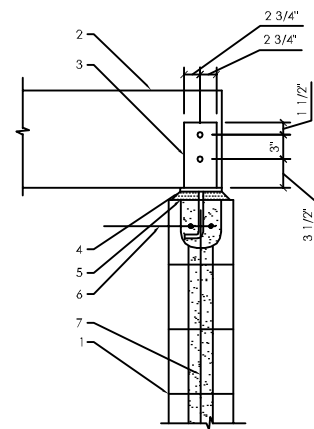
- DETAIL KEY NOTES
- 1 AAC block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 2 Wood beam - by others
 - 3 Simpson META with TSS - by others
 - 4 2 #4 x 48" long centered under beam in solid grouted

WOOD BEAM AT AAC BLOCK WALL



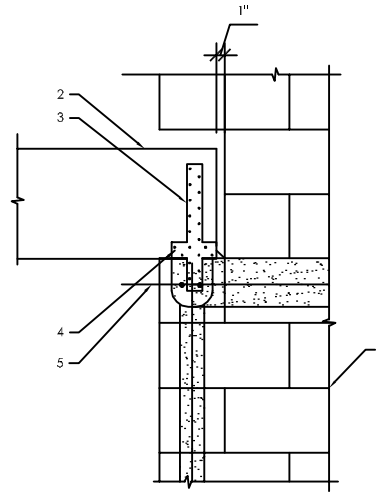
- DETAIL KEY NOTES
- 1 AAC block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 2 Wood beam - by others
 - 3 3/16" Steel plate each side of beam with 2 - 3/4" Ø thru-bolts
 - 4 1/2" x 6" x 6" bearing plate with 2 - 3/4" Ø anchor bolts - by others
 - 5 1" drypack
 - 6 2 #4 x 2'-0" long centered under beam in solid grouted
 - 7 AAC "U" block Provide 1 #4 vertical reinforcing under beam bearing - typ
 - 8 Simpson strap - by others

WOOD BEAM AT AAC BLOCK WALL



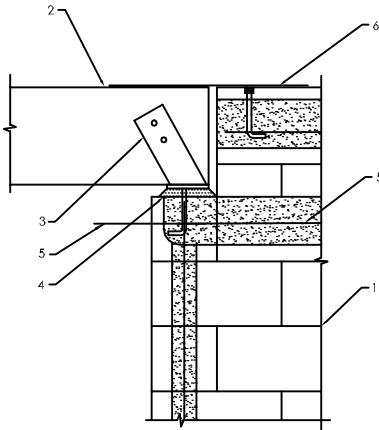
- DETAIL KEY NOTES
- 1 AAC block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 2 Wood beam - by others
 - 3 3/16" Steel plate each side of beam with 2 - 3/4" Ø thru-bolts
 - 4 Bearing plate with 2 - 3/4" Ø anchor bolts - by others
 - 5 1" drypack
 - 6 2 #4 x 48" long centered under beam in solid grouted
 - 7 AAC "U" block Provide 1 #4 vertical reinforcing under beam bearing - typ

WOOD BEAM AT AAC BLOCK WALL



- DETAIL KEY NOTES
- 1 AAC block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 2 Wood beam
 - 3 Simpson HETAL 12 at each side of beam cut AAC blocks as required to provide 4" of concrete grout around strap
 - 4 Provide a moisture barrier membrane between beam and AAC block wall
 - 5 2 #4 x 48" long centered under beam in solid grouted AAC "U" block - use corner bars as required

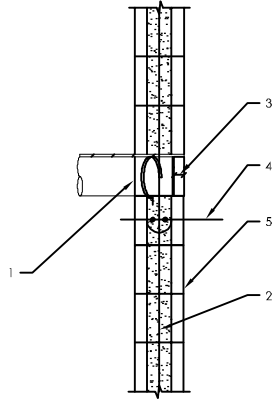
WOOD BEAM AT AAC BLOCK WALL



- DETAIL KEY NOTES
- 1 AAC block wall with vertical wall reinforcing in solid grouted cells where shown on plans
 - 2 Wood beam - by others
 - 3 Simpson GLB type beam seat
 - 4 1" drypack
 - 5 2 #4 x 4' - 0" long centered under beam in solid grouted AAC "U" block
 - 6 Simpson strap - by others

WOOD VIGA BEAM AT AAC BLOCK WALL

15201

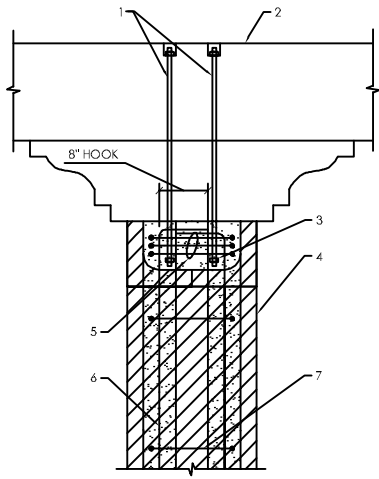


Note:
Framing and connection to wall to be
designed and coordinated with the
architect and [or] engineer of record.

- DETAIL KEY NOTES
- 1 AAC Blocks between vigas
 - 2 Vertical wall reinforcing in 3" Ø solid grouted cell where shown on plan
 - 3 2" minimum AAC end block
 - 4 2 #4 horizontal reinforcing in solid grouted AAC "U" block
 - 5 AAC Block wall

WOOD BEAM AT AAC COLUMN

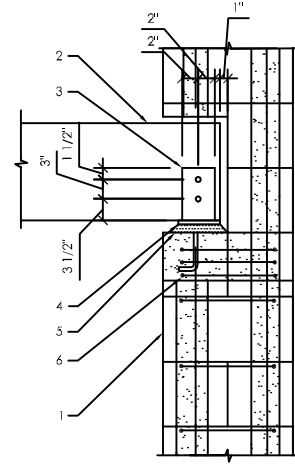
15301



- DETAIL KEY NOTES
- 1 2 - 1/2" \varnothing threaded rods - see structural drawings
 - 2 Wood beam - see structural drawings
 - 3 Nut with 1" \varnothing washer
 - 4 E-Crete AAC column
 - 5 3 #3 ties in top 5" of column
 - 6 4 #4 vertical reinforcing - see detail 103
 - 7 #4 ties at 16" o.c.

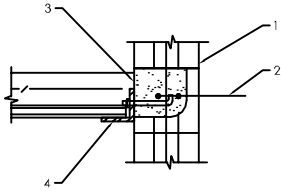
WOOD BEAM AT AAC COLUMN

15302



- DETAIL KEY NOTES
- 1 AAC block column with #4 vertical column reinforcing in solid grouted cells at each corner
 - 2 Wood beam - by others
 - 3 1/4" Steel plate each side of beam with 2 - 3/4" \varnothing thru-bolts
 - 4 1/2" x 6" x 10" bearing plate with 2 - 3/4" \varnothing anchor bolts
 - 5 1" drypack
 - 6 3 #2 ties in top 5" of column

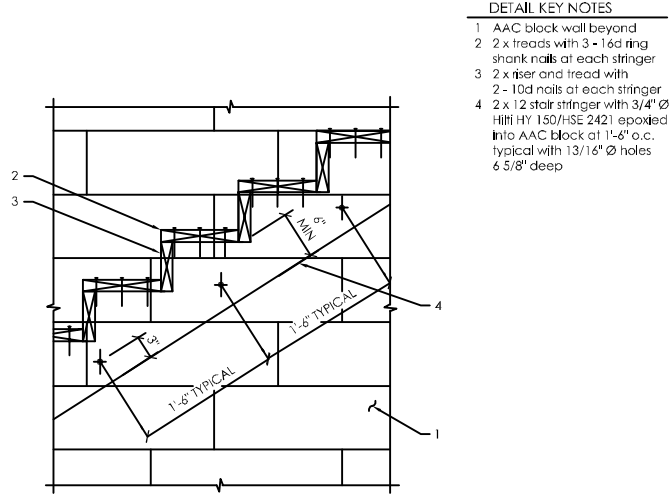
- DETAIL KEY NOTES
- 1 AAC Block wall with vertical reinforcing in solid grouted cells where shown on plans
 - 2 2 #4 continuous horizontal reinforcing in solid grouted AAC "U" block
 - 3 Notch AAC "U" block 4" at each ledger bolt - see ledger bolt detail
 - 4 Steel ledger and connection - See ledger schedule on plans



Note:
Framing to be designed and coordinated with the architect and (or) engineer of record.

STEEL LEDGER AT AAC BLOCK WALL

16001



WOOD STAIR STRINGER ATTACHMENT AT AAC WALL

18201