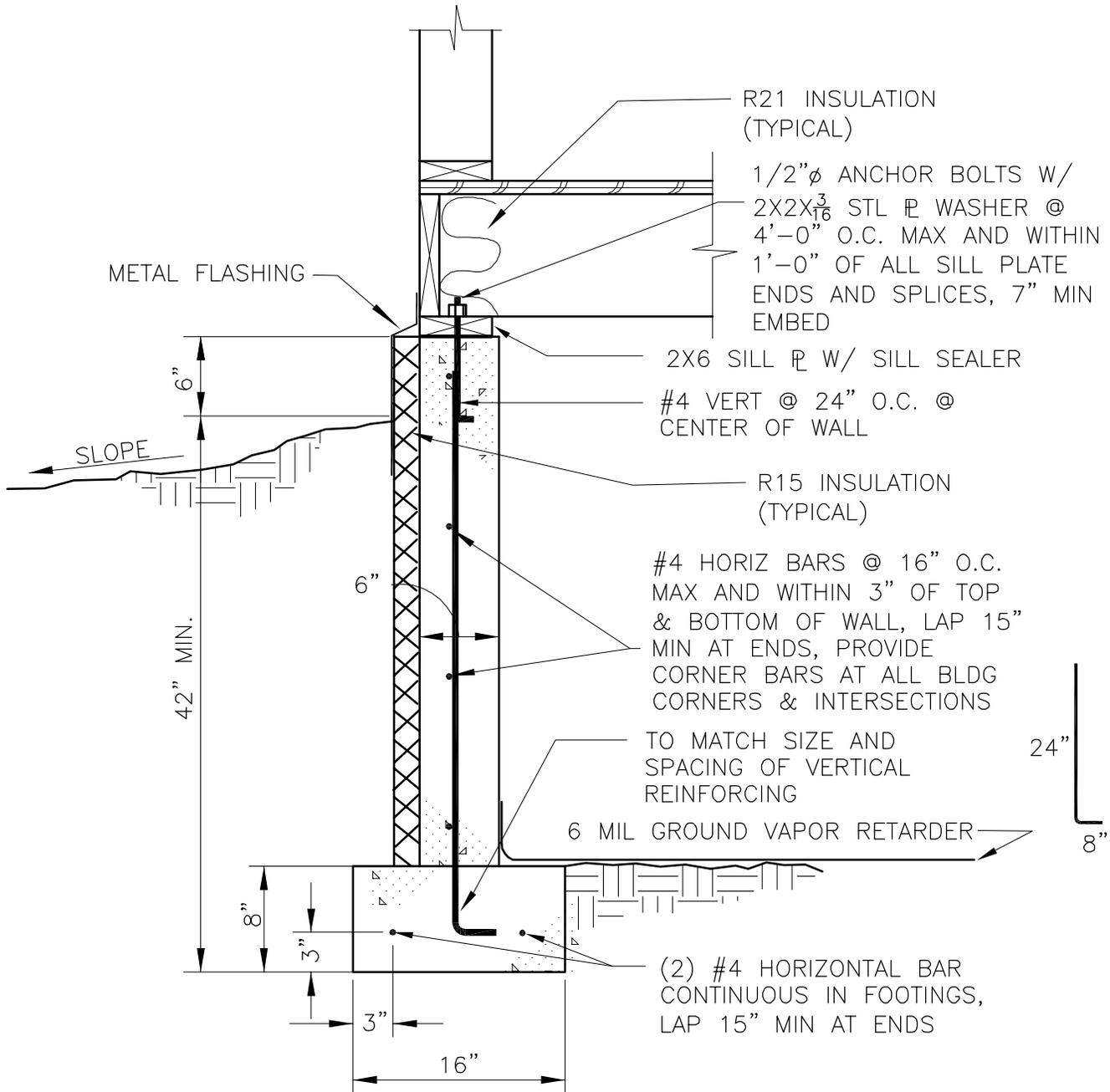


NOTES:

1. VERIFY THAT INSPECTION REQUIREMENTS HAVE BEEN MET BEFORE PLACING ANY CONCRETE.
2. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32' BUILDING WIDTH. USE COMPACTED NFS GRAVEL BACKFILL WITH 2000 PSF BEARING CAPACITY, (SEE IRC SECTIONS R403 & 404).
3. CONCRETE AND GROUT: 2500 PSI MINIMUM COMPRESSIVE STRENGTH.
4. REBAR MINIMUMS: GRADE 40, 30 BAR DIAMETER LAP SPLICES.
5. PROVIDE ADEQUATE WALL BRACING BEFORE PLACING BACKFILL.
6. ANCHOR BOLT SPACING AT SILL PLATE MAY BE INCREASED TO A MAXIMUM OF 6'-0" O.C. FOR A SINGLE STORY RESIDENCE.
7. WET SETTING OF VERTICAL REINFORCING IS STRICTLY PROHIBITED.

CITY OF FAIRBANKS	
STANDARD RESIDENTIAL FOUNDATIONS	
CRAWL SPACE - CONCRETE BLOCK	SFD-1

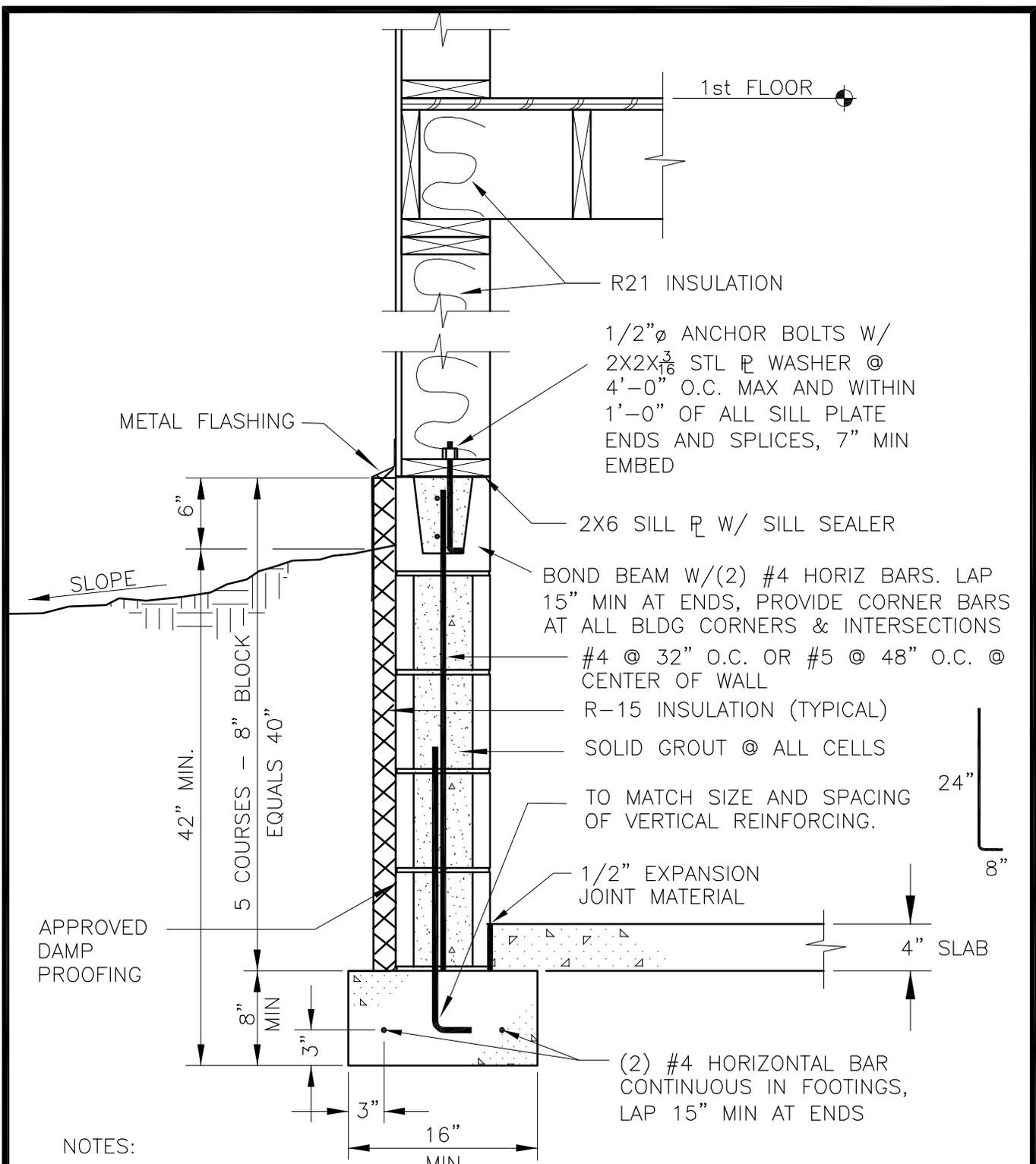


NOTES:

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2. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32' BUILDING WIDTH. USE COMPACTED NFS GRAVEL BACKFILL WITH 2000 PSF BEARING CAPACITY, (SEE IRC SECTIONS R403 & 404).
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7. WET SETTING OF VERTICAL REINFORCING IS STRICTLY PROHIBITED.

CITY OF FAIRBANKS	
STANDARD RESIDENTIAL FOUNDATIONS	
CRAWL SPACE - 6" POURED CONC.	SFD-2

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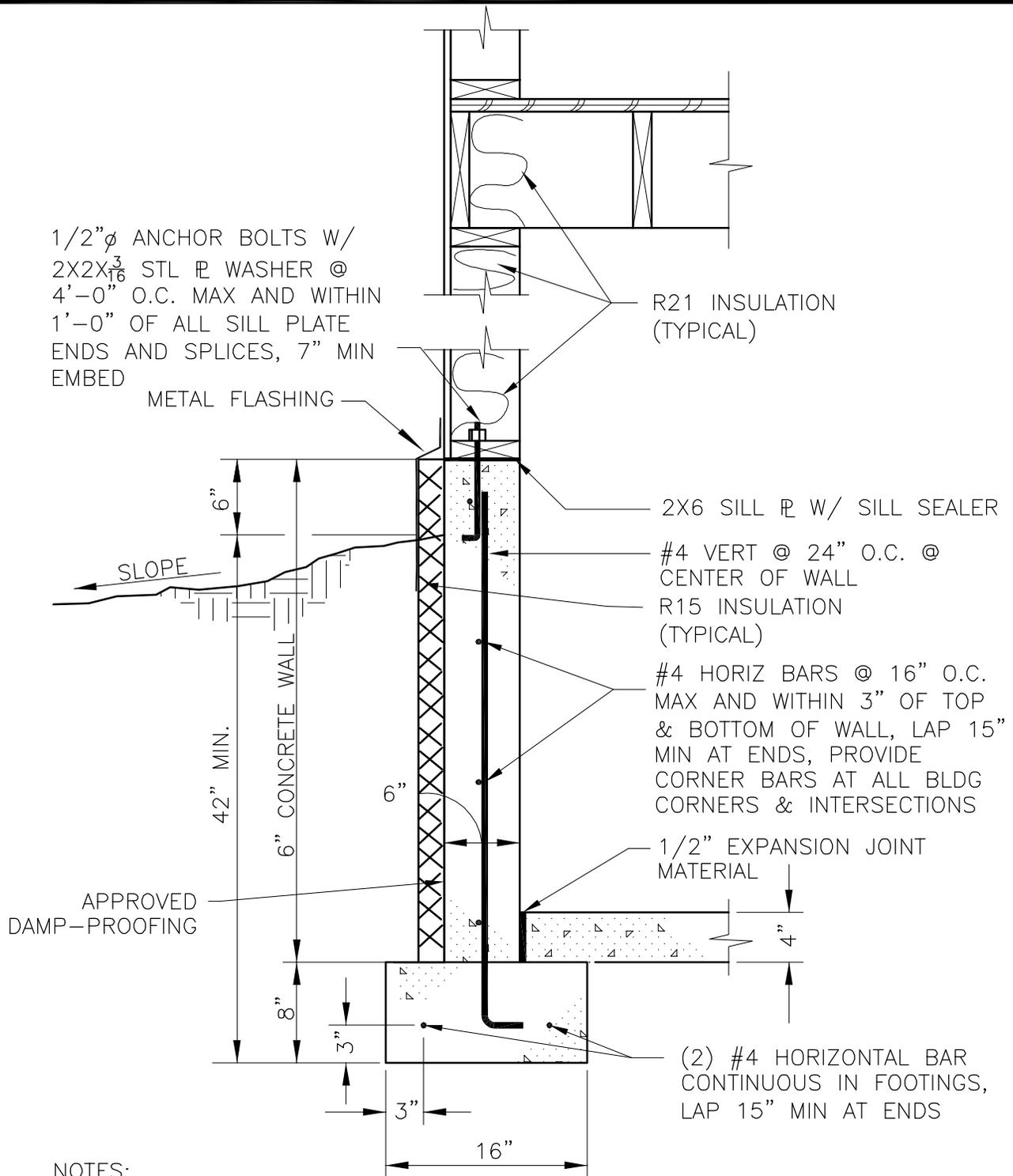
NOTES:

1. VERIFY THAT INSPECTION REQUIREMENTS HAVE BEEN MET BEFORE PLACING ANY CONCRETE.
2. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32' BUILDING WIDTH. USE COMPACTED NFS GRAVEL BACKFILL WITH 2000 PSF BEARING CAPACITY, (SEE IRC SECTIONS R403 & 404).
3. CONCRETE AND GROUT: 2500 PSI MINIMUM COMPRESSIVE STRENGTH.
4. REBAR MINIMUMS: GRADE 40, 30 BAR DIAMETER LAP SPLICES.
5. PROVIDE ADEQUATE WALL BRACING BEFORE PLACING BACKFILL.
6. ANCHOR BOLT SPACING AT SILL PLATE MAY BE INCREASED TO A MAXIMUM OF 6'-0" O.C. FOR A SINGLE STORY RESIDENCE.
7. WET SETTING OF VERTICAL REINFORCING IS STRICTLY PROHIBITED.

CITY OF FAIRBANKS	
STANDARD RESIDENTIAL FOUNDATIONS	
DAYLIGHT BASEMENT - CONCRETE BLOCK	SFD-4

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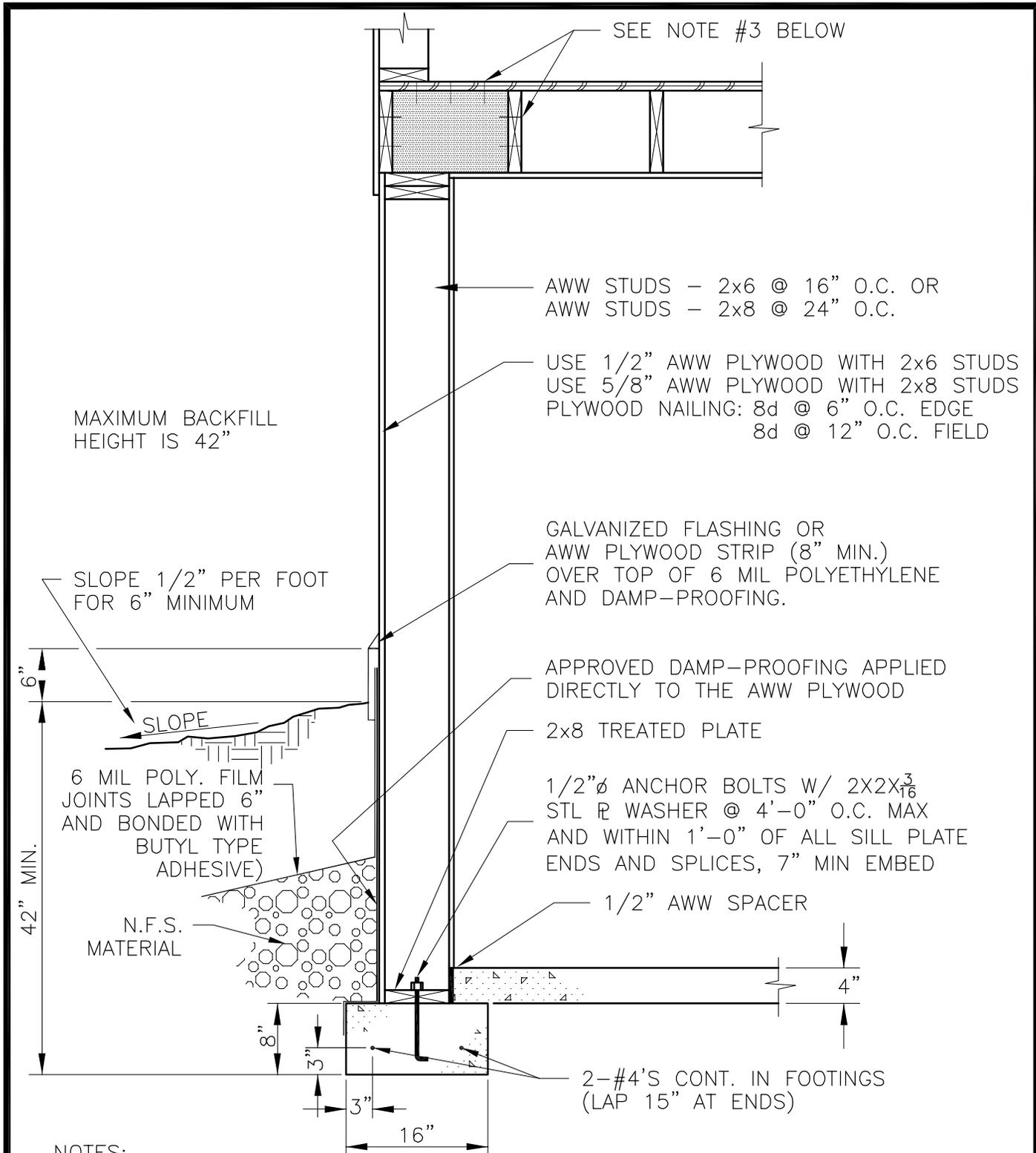
NOTES:

1. VERIFY THAT INSPECTION REQUIREMENTS HAVE BEEN MET BEFORE PLACING ANY CONCRETE.
2. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32' BUILDING WIDTH. USE COMPACTED NFS GRAVEL BACKFILL WITH 2000 PSF BEARING CAPACITY, (SEE IRC SECTIONS R403 & 404).
3. CONCRETE AND GROUT: 2500 PSI MINIMUM COMPRESSIVE STRENGTH.
4. REBAR MINIMUMS: GRADE 40, 30 BAR DIAMETER LAP SPLICES.
5. PROVIDE ADEQUATE WALL BRACING BEFORE PLACING BACKFILL.
6. ANCHOR BOLT SPACING AT SILL PLATE MAY BE INCREASED TO A MAXIMUM OF 6'-0" O.C. FOR A SINGLE STORY RESIDENCE.
7. WET SETTING OF VERTICAL REINFORCING IS STRICTLY PROHIBITED.

CITY OF FAIRBANKS	
STANDARD RESIDENTIAL FOUNDATIONS	
DAYLIGHT BASEMENT - 6" CONCRETE	SFD-5

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NOTES:

1. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32' BUILDING WIDTH. USE COMPACTED NFS GRAVEL BACKFILL WITH 2000 PSF BEARING CAPACITY, (SEE IRC R403 & 404 AS AMENDED) CONCRETE AND GROUT: 2500 PSI MINIMUM.
2. INSULATION AND THERMAL PROVISIONS HAVE BEEN OMITTED FOR CLARITY. REFER TO THE FAIRBANKS AMENDMENTS TO THE IECC FOR MINIMUM REQUIREMENTS.
3. FULL DEPTH BLOCKING @ 4'-0" O.C. BETWEEN RIM JOIST AND NEXT JOIST PARALLEL TO THE FOUNDATION WALL. FASTEN BLOCKING TO SUBFLOOR ABOVE AND PLATE BELOW.
4. OBTAIN INSPECTOR APPROVAL BEFORE COVERING: SHEATHING, DAMPROOFING AND POLY FILM.
5. PROVIDE ADEQUATE WALL BRACING BEFORE PLACING BACKFILL.
6. ALL FASTENERS INTO REQUIRED AWW MUST BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.

CITY OF FAIRBANKS	
STANDARD RESIDENTIAL FOUNDATIONS	
FULL BASEMENT - ALL WEATHER WOOD	SFD-6

P:\BUILDING\2010 AMENDMENTS\SFD-6.DWG & 24:23A PLOT SCALE: 1=16 REV 7/29/10

1/2"Ø ANCHOR BOLTS
 W/ 2X2X³/₁₆ STL PL
 WASHER @ 4'-0" O.C.
 MAX AND WITHIN 1'-0"
 OF ALL SILL PLATE
 ENDS AND SPLICES, 7"
 MIN EMBED

(3) 10d NAILS MIN FLOOR
 SHEATHING TO BLOCKING

PROVIDE 2x BLOCKING, FULL DEPTH @
 4'-0" O.C. MAX AT PARALLEL JOISTS

2x SILL PL W/ SILL SEALER

BOND BEAM W/ (2) #4 HORIZ
 BARS. LAP 15" MIN AT ENDS,
 PROVIDE CORNER BARS AT ALL
 BLDG CORNERS AND
 INTERSECTIONS

R15 INSULATION

BOND BEAM

#5 @24" O.C. VERT.
 REINFORCING. VERTS TO BE
 OFFSET 1" TO 1 1/2" FROM
 CENTERLINE TOWARD INNER FACE

SOLID GROUT AT ALL CELLS

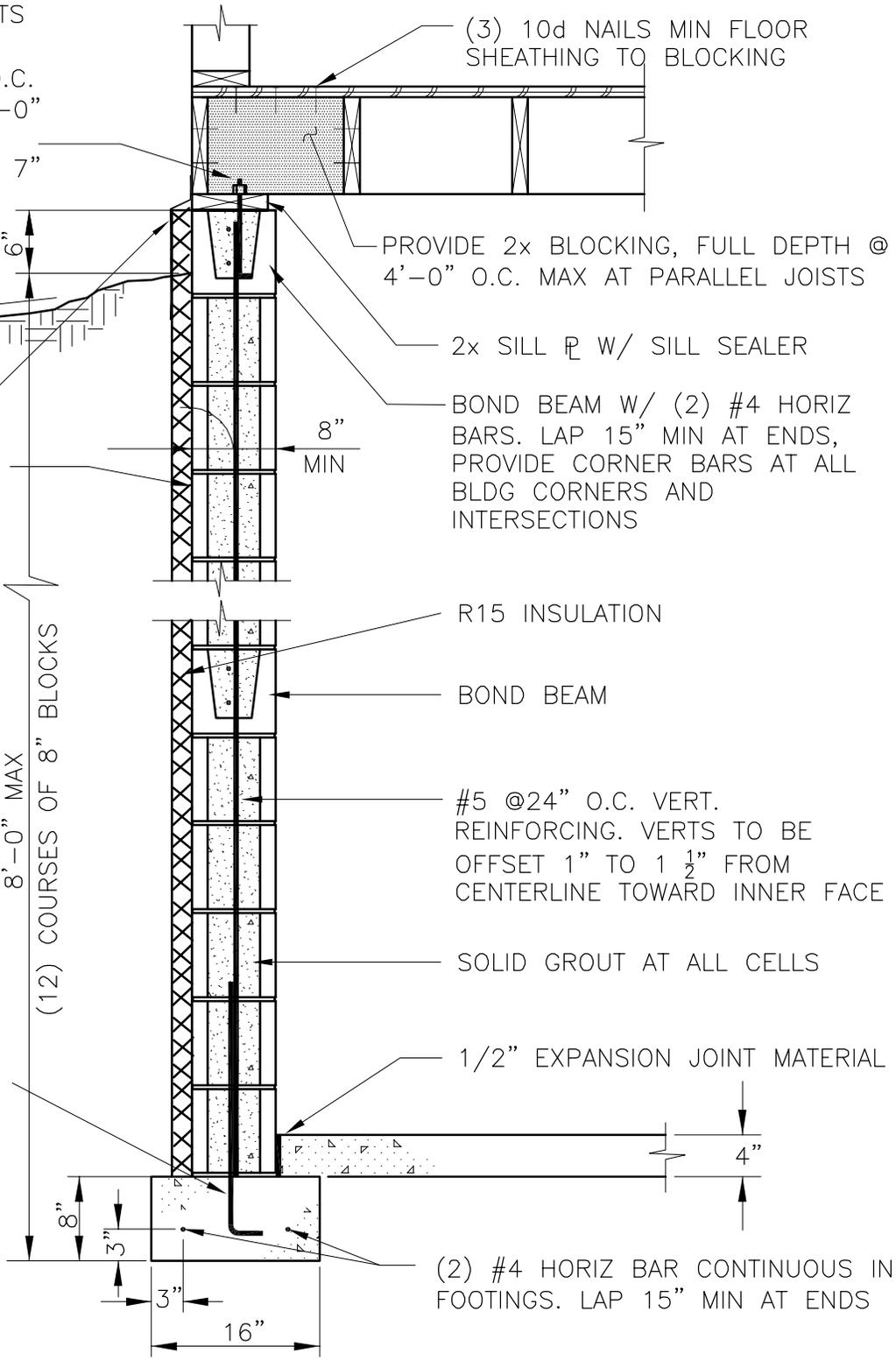
1/2" EXPANSION JOINT MATERIAL

(2) #4 HORIZ BAR CONTINUOUS IN
 FOOTINGS. LAP 15" MIN AT ENDS

6"
 SLOPE
 METAL FLASHING
 APPROVED
 DAMP-PROOFING
 (REQUIRES INSP)

8'-0" MAX
 (12) COURSES OF 8" BLOCKS

24"
 8"
 TO MATCH SIZE
 AND SPACING OF
 VERTICAL
 REINFORCING.



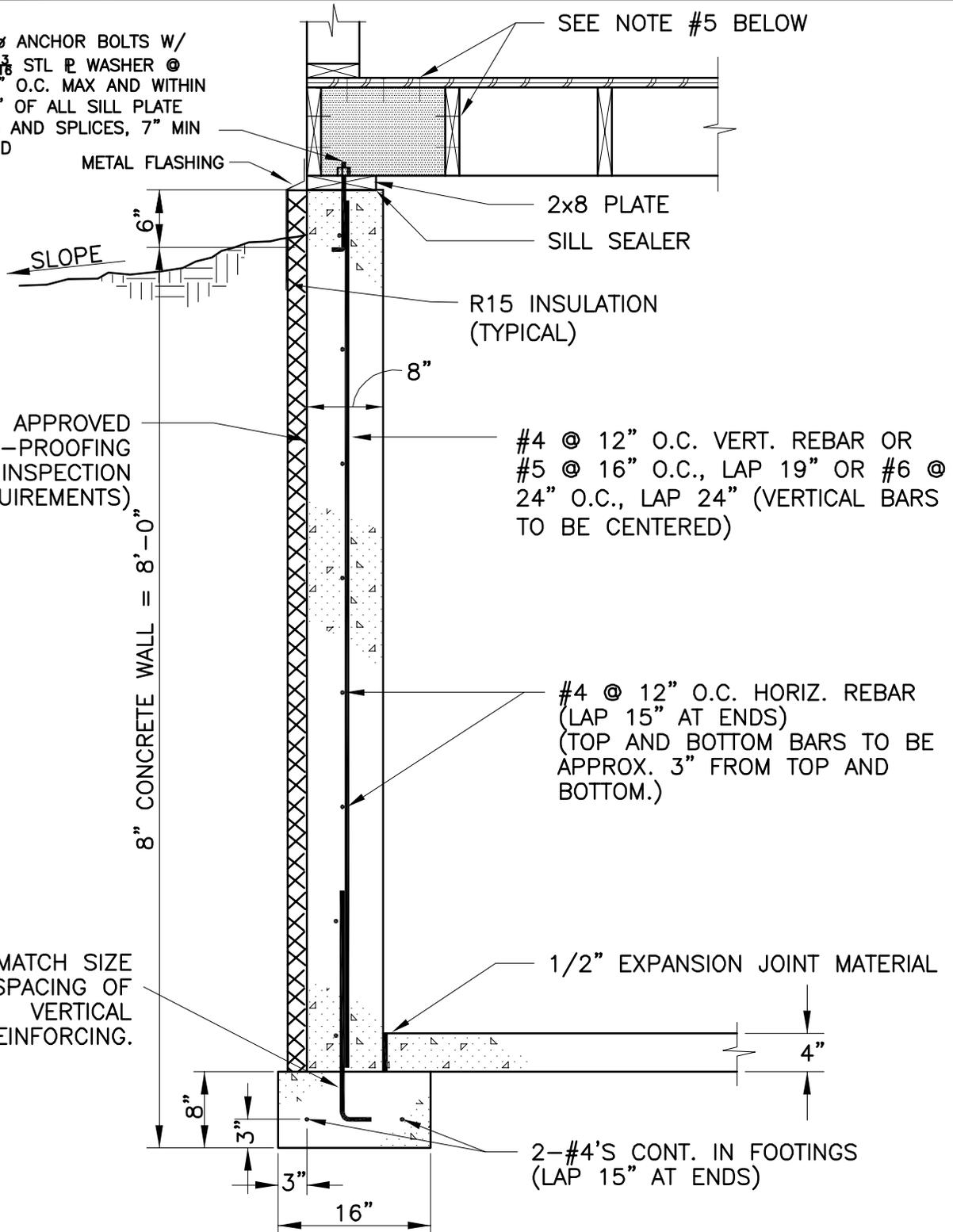
NOTES:

1. VERIFY THAT INSPECTION REQUIREMENTS HAVE BEEN MET BEFORE PLACING ANY CONCRETE.
2. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32' BUILDING WIDTH. USE COMPACTED NFS GRAVEL BACKFILL WITH 2000 PSF BEARING CAPACITY, (SEE IRC SECTIONS R403 & 404).
3. CONCRETE AND GROUT: 2500 PSI MINIMUM COMPRESSIVE STRENGTH.
4. REBAR MINIMUMS: GRADE 40, 30 BAR DIAMETER LAP SPLICES.
5. PROVIDE ADEQUATE WALL BRACING BEFORE PLACING BACKFILL.
6. ANCHOR BOLT SPACING AT SILL PLATE MAY BE INCREASED TO A MAXIMUM OF 6'-0" O.C. FOR A SINGLE STORY RESIDENCE.

CITY OF FAIRBANKS	
STANDARD RESIDENTIAL FOUNDATIONS	
FULL BASEMENT - CONCRETE BLOCK	SFD-7

1/2"Ø ANCHOR BOLTS W/
2X2X1/8" STL P WASHER @
4'-0" O.C. MAX AND WITHIN
1'-0" OF ALL SILL PLATE
ENDS AND SPLICES, 7" MIN
EMBED

SEE NOTE #5 BELOW



APPROVED
DAMP-PROOFING
(SEE INSPECTION
REQUIREMENTS)

8" CONCRETE WALL = 8'-0"

#4 @ 12" O.C. VERT. REBAR OR
#5 @ 16" O.C., LAP 19" OR #6 @
24" O.C., LAP 24" (VERTICAL BARS
TO BE CENTERED)

#4 @ 12" O.C. HORIZ. REBAR
(LAP 15" AT ENDS)
(TOP AND BOTTOM BARS TO BE
APPROX. 3" FROM TOP AND
BOTTOM.)

TO MATCH SIZE
AND SPACING OF
VERTICAL
REINFORCING.

1/2" EXPANSION JOINT MATERIAL

2-#4'S CONT. IN FOOTINGS
(LAP 15" AT ENDS)

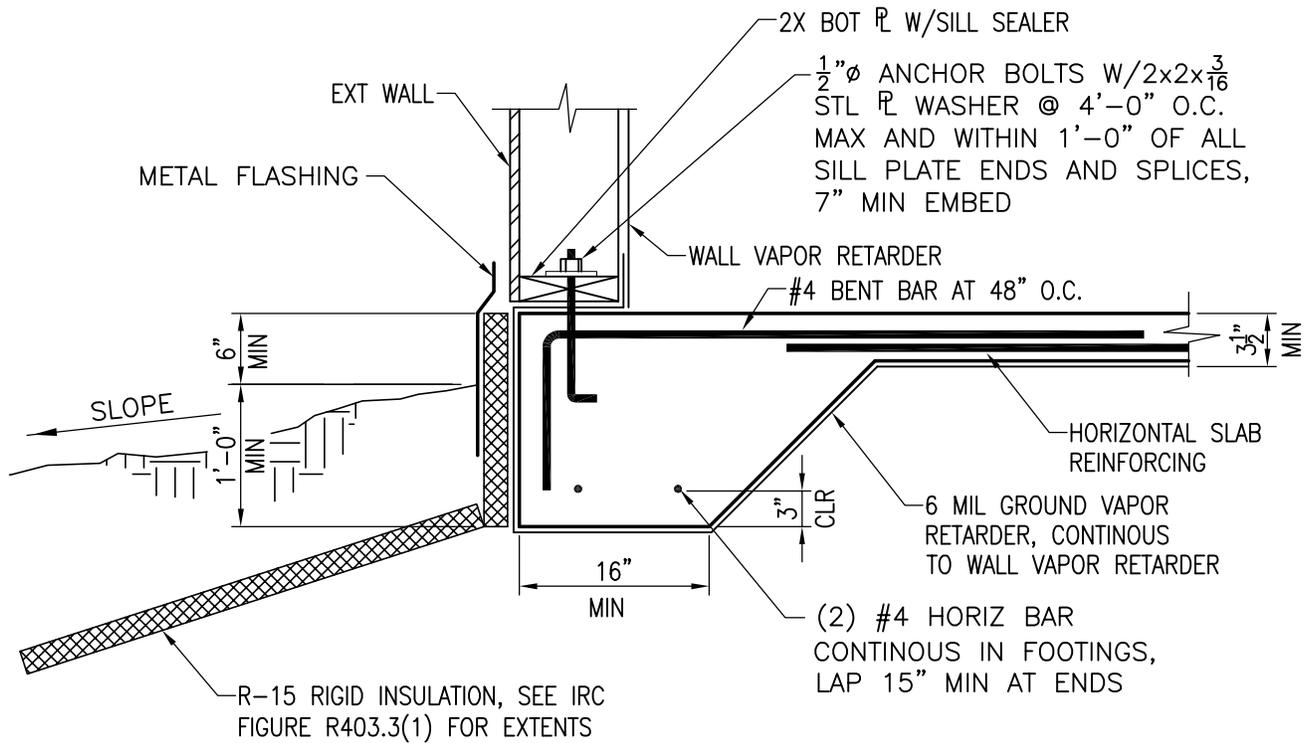
NOTES:

1. OBTAIN INSPECTOR APPROVAL BEFORE PLACING ANY BACKFILL.
2. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32' BUILDING WIDTH. USE COMPACTED NFS GRAVEL BACKFILL WITH 2000 PSF BEARING CAPACITY. (SEE IRC R403 & 404 AS AMENDED). CONCRETE AND GROUT: 2500 PSI MINIMUM.
3. REBAR MINIMUMS: 40 GRADE, 30 BAR DIAMETER LAPS.
4. PROVIDE ADEQUATE WALL BRACING BEFORE PLACING BACKFILL.
5. FULL DEPTH BLOCKING @ 4'-0" O.C. BETWEEN RIM JOIST & NEXT JOIST PARALLEL TO THE FOUNDATION WALL. APPROPRIATELY FASTEN BLOCKING TO SUBFLOOR ABOVE AND PLATE BELOW.
6. WET SETTING OF VERTICAL REINFORCING IS STRICTLY PROHIBITED.

CITY OF FAIRBANKS	
STANDARD RESIDENTIAL FOUNDATIONS	
FULL BASEMENT - 8" POURED CONC.	SFD-8

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NOTES:

1. VERIFY THAT INSPECTION REQUIREMENTS HAVE BEEN MET BEFORE PLACING ANY CONCRETE.
2. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32' BUILDING WIDTH. USE COMPACTED NFS GRAVEL BACKFILL WITH 2500 PSF MIN BEARING CAPACITY.
3. CONCRETE AND GROUT: 2500 PSI MINIMUM COMPRESSIVE STRENGTH.
4. REBAR MINIMUMS: GRADE 40, 30 BAR DIAMETER LAP SPLICES.
5. ANCHOR BOLT SPACING AT SILL PLATE MAY BE INCREASED TO A MAXIMUM OF 6'-0" O.C. FOR A SINGLE STORY RESIDENCE.
6. GROUND VAPOR RETARDER MAY BE LAPPED TO EXTERIOR WALL VAPOR BARRIER WHERE USING AN EXTERIOR INSULATION WALL SYSTEM.

CITY OF FAIRBANKS
STANDARD RESIDENTIAL FOUNDATIONS

SLAB ON-GRADE - THK'D EDGE FTG

SFD-9