

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

METAL FLASHING

2x8 PLATE

SILL SEALER

SLOPE

R15 INSULATION
(TYPICAL)

APPROVED
DAMP-PROOFING
(SEE INSPECTION
REQUIREMENTS)

#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)

8" CONCRETE WALL = 8'-0"

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

1/2" EXPANSION JOINT MATERIAL

TO MATCH SIZE
AND SPACING OF
VERTICAL
REINFORCING.

24"
8"

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