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.
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 COMPACTION.
   NFS GRAVEL BACKFILL WITH 2000 PSF BEARING CAPACITY. (SEE IRC SECTIONS R403 & R404).

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.
GALVANIZED FLASHING OR AWW PLYWOOD STRIP (8" MIN.) OVER TOP OF 6 MIL POLYETHYLENE AND DAMPPROOFING.

SLOPE 1/2" PER FOOT FOR 6' MINIMUM

6" SLOPE

42" MIN.

6 MIL POLY. FILM JOINTS LAPPED 6" AND BONDED WITH BUTYL TYPE ADHESIVE

GRAVEL OR SAND BELOW POLY. FILM

SIMSON A35 (OR EQ) @ 4'-0" O.C.

SEE NOTE #8 BELOW

DOUBLE AWW TOP PLATES

1/2" AWW PLYWOOD PLYWOOD NAIL: 6d @ 6" O.C. EDGE 8d @ 12" O.C. FIELD

2x6 AWW STUDS @ 16" O.C.

APPROVED DAMPPROOFING APPLIED DIRECTLY TO THE AWW PLYWOOD.

R-15 INSULATION

GALVENIZED 1/2"Ø ANCHOR BOLTS w/ 2x2x3/4 STL L. WASHER @ 4" O.C. (6'-0"
O.C. FOR SINGLE STORY) MAX. AND WITHIN 1'-0" OF ALL SILL PLATE ENDS AND SPLICES. 7" MIN EMBED.

6 MIL GROUND VAPOR RETARDER

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

NOTES:

1. VERIFY ALL INSPECTION REQUIREMENTS 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 PS
3. REBAR MINIMUNIS: 40 GRADE, 30 BAR DIAMETER LAPS.
4. INSTALL BLOCKING PER NOTE #8 BETWEEN RIM JOIST AND ADJACENT PARALLEL JOIST, BEFORE BACKFILLING WALL.
5. USE R-19 INSULATION IF INSTALLED IN WALL CAVITY.
6. ALL WOOD BELOW ANY POINT 6" ABOVE THE ADJACENT GRADE SHALL BE FOUNDATION GRADE AWW.
7. ALL FASTENERS INTO REQUIRED AWW MUST BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.
8. FULL DEPTH BLOCKING @ 4'-0" O.C. BETWEEN RIM JOIST AND NEXT JOIST PARALLEL TO THE FOUNDATION WALL. APPROPRIATELY FASTEN BLOCKING TO SUBFLOOR ABOVE AND PLATE BELOW.

AWW FOUNDATION WALL INSPECTIONS:

1. THE FIRST INSPECTION IS REQUIRED AFTER ALL WOOD FASTENERS ARE INSTALLED, BEFORE THE DAMPPROOFING IS INSTALLED.
2. THE SECOND INSPECTION IS REQUIRED AFTER THE DAMPPROOFING IS INSTALLED.
3. THE THIRD INSPECTION IS REQUIRED AFTER THE NFS BACKFILL IS PLACED AND THE POLY IS IN PLACE, BEFORE BACKFILL OF ANY NATIVE SOIL.
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.
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 NFSL 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.

NOTES:
NOTES:
1. DESIGN ASSUMPTIONS: RESIDENTIAL, MAXIMUM OF 2 FLOORS AND 32’ BUILDING WIDTH. USE COMPACTED NPS 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 ICC 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.
1/2"Ø ANCHOR BOLTS W/ 2X2X3/₄ 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 ½" 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

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
1. Obtain inspector approval before placing any backfill.


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.
TYPICAL PERIMETER THICKENED SLAB

MIN. 24" GRAVEL FILL COMPACTED TO 95% MIN. BY TEST OR AS APPROVED BY INSPECTOR

THICKENED SLAB AT INTERIOR BEARING WALLS

NOTES / LIMITATIONS:
1. 1 STORY MAX. WITH UNDER 1000 SF. MAX 600 SF GARAGE.
2. VERIFY INSPECTION REQUIREMENTS BEFORE PLACING ANY BACKFILL.
3. CONCRETE: 3000 PSI MINIMUM. REBAR MINIMUMS: GRADE 40, 30 BAR DIAMETER LAPS.
4. TOP OF SLAB TO BE A MINIMUM OF 17" ABOVE IMPROVED STREET ELEVATION.
5. EXCAVATE TO SILTY SAND OR GRAVEL & CALL FOR SOILS INSPECTION.
6. COMPACT IN 8" LIFTS & VERIFY 95% MINIMUM BY TEST OR AS APPROVED BY INSPECTOR.
7. INSULATION SHOWN IS MINIMUM & MAY NOT SATISFY ENERGY RATING REQUIREMENTS.
8. OMIT 12"X20' POLY VB BENEATH 20' #4 AWG GROUNDING ELECTRODE CONDUCTOR.
9. GARAGE SLAB REINFORCING TO BE #4's @ 16" O.C. EA. WAY OR 6x6 W2.1 WWF.
10. ALTERNATIVES TO THESE DESIGN LIMITATIONS MUST BE APPROVED BY AN AK REGISTERED ENGINEER.

Approved: City of North Pole
May 1, 2015