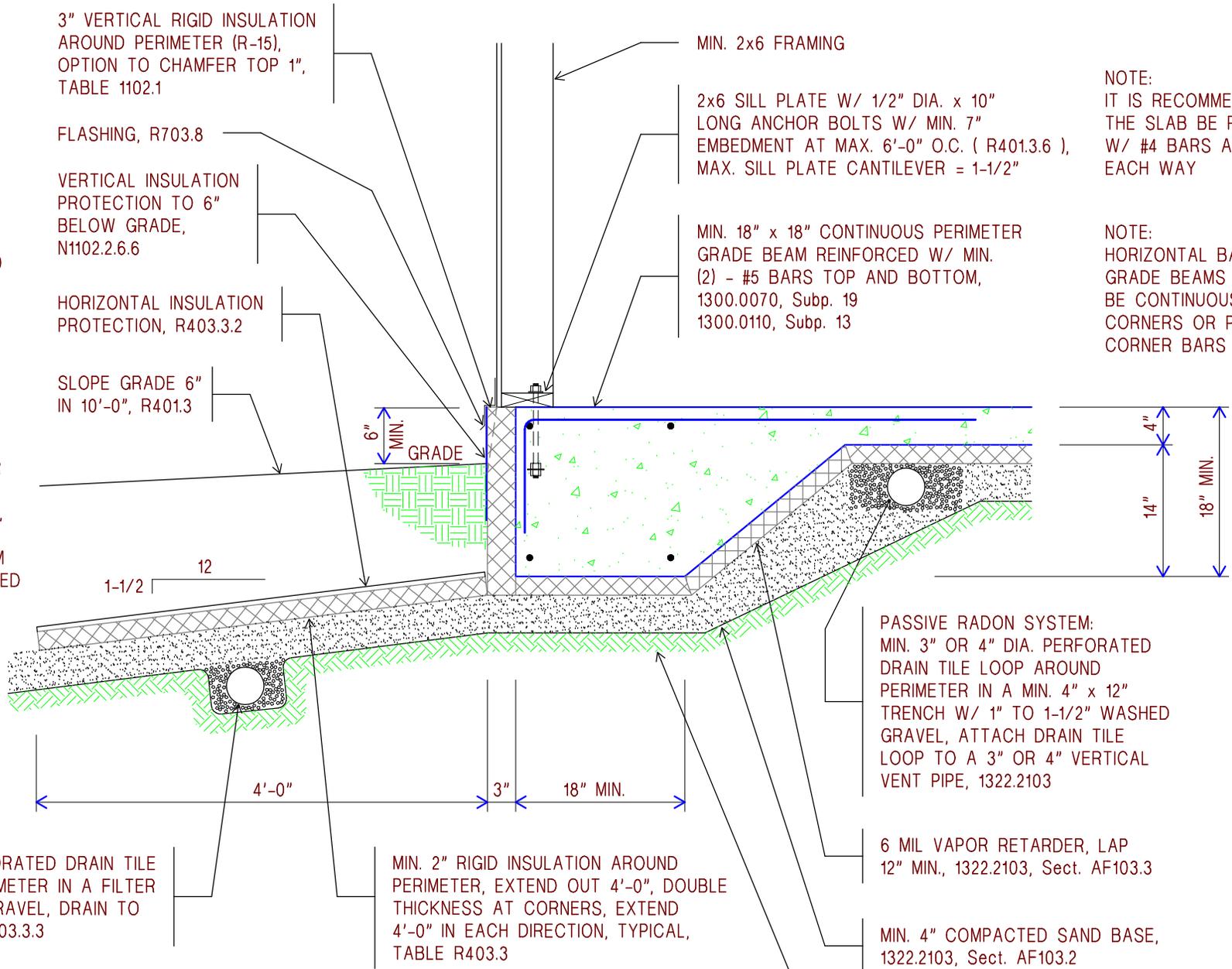


City of Duluth
 Construction Services &
 Inspection Division
 411 W Superior St, Rm 210
 Duluth, MN 55802
 v (218) 730-5300
 f (218) 730-5901

NOTE:
 BRICK OR STONE VENEER
 MUST BE FLUSH W/ THE
 FACE OF THE CONCRETE,
 IF VENEER EXCEEDS ONE
 STORY, THE GRADE BEAM
 WIDTH MUST BE INCREASED
 TO 24"



NOTE:
 IT IS RECOMMENDED THAT
 THE SLAB BE REINFORCED
 W/ #4 BARS AT 2'-0" O.C.
 EACH WAY

NOTE:
 HORIZONTAL BARS IN
 GRADE BEAMS ARE TO
 BE CONTINUOUS AROUND
 CORNERS OR PROVIDE
 CORNER BARS

1 GRADE BEAM- FROST PROTECTED SHALLOW FND.
 NOT TO SCALE

1. FOUNDATION CONSTRUCTION SHALL COMPLY W/ CHAPTER 4 OF THE 2007 MINNESOTA STATE BUILDING CODE, CHAPTER 1309
2. FOUNDATION INSULATION SHALL COMPLY W/ THE 2009 MINNESOTA RESIDENTIAL ENERGY CODE, CHAPTER 1322, TABLE N1102.1

PASSIVE RADON SYSTEM:
 MIN. 3" OR 4" DIA. PERFORATED
 DRAIN TILE LOOP AROUND
 PERIMETER IN A MIN. 4" x 12"
 TRENCH W/ 1" TO 1-1/2" WASHED
 GRAVEL, ATTACH DRAIN TILE
 LOOP TO A 3" OR 4" VERTICAL
 VENT PIPE, 1322.2103

6 MIL VAPOR RETARDER, LAP
 12" MIN., 1322.2103, Sect. AF103.3

MIN. 4" COMPACTED SAND BASE,
 1322.2103, Sect. AF103.2

NOTE;
 ALL ORGANICS MUST BE REMOVED,
 ALLOWABLE SOIL BEARING MUST
 MEET A MIN. OF 1,500 PSF