

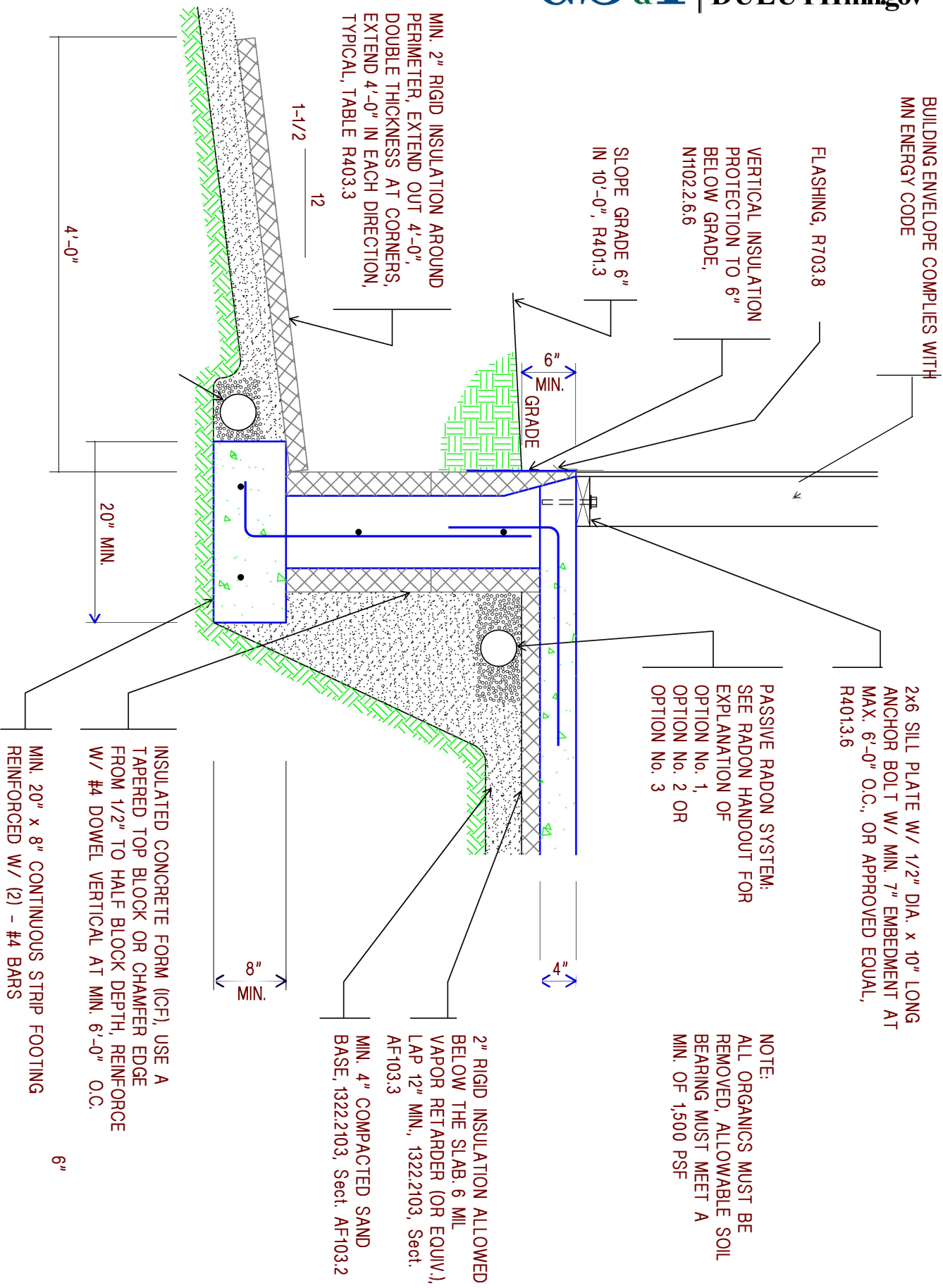
DRAIN TILE OR GRAVEL
DRAINAGE SYSTEM AROUND
PERIMETER, DRAIN TO
DAYLIGHT, R403.3.3



ICF -
NOT TO SCALE

1. THIS DETAIL IS A GENERAL GUIDELINE ONLY. FOUNDATION CONSTRUCTION SHALL COMPLY W/ CHAPTER 4 OF THE 2015 MINNESOTA STATE BUILDING CODE, CHAPTER 1309
2. FOUNDATION INSULATION SHALL COMPLY W/ THE MINNESOTA RESIDENTIAL ENERGY CODE, CHAPTER 1322, TABLE N1102.1

FROST PROTECTED SHALLOW FND.



BUILDING ENVELOPE COMPLIES WITH
MN ENERGY CODE

FLASHING, R703.8

VERTICAL INSULATION
PROTECTION TO 6"
BELOW GRADE,
N1102.2.6.6

SLOPE GRADE 6"
IN 10'-0", R401.3

MIN. 2" RIGID INSULATION AROUND
PERIMETER, EXTEND OUT 4'-0"
DOUBLE THICKNESS AT CORNERS,
EXTEND 4'-0" IN EACH DIRECTION,
TYPICAL, TABLE R403.3

2x6 SILL PLATE W/ 1/2" DIA. x 10" LONG
ANCHOR BOLT W/ MIN. 7" EMBEDMENT AT
MAX. 6'-0" O.C., OR APPROVED EQUAL,
R401.3.6

PASSIVE RADON SYSTEM:
SEE RADON HANDOUT FOR
EXPLANATION OF
OPTION No. 1,
OPTION No. 2 OR
OPTION No. 3

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

2" RIGID INSULATION ALLOWED
BELOW THE SLAB, 6 MIL.
VAPOR RETARDER (OR EQUIV.),
LAP 12" MIN., 1322.2103, Sect.
AF103.3

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

INSULATED CONCRETE FORM (ICF), USE A
TAPERED TOP BLOCK OR CHAMFER EDGE
FROM 1/2" TO HALF BLOCK DEPTH, REINFORCE
W/ #4 DOWEL VERTICAL AT MIN. 6'-0" O.C.

MIN. 20" x 8" CONTINUOUS STRIP FOOTING
REINFORCED W/ (2) - #4 BARS