

ROOF COVERING
MINIMUM 20 YEAR SHINGLES, 15 LB. FELT MIN.

ROOF SHEATHING (1/2" MINIMUM OR BETTER)
PLY CLIPS SHALL BE USED AS REQUIRED FOR SPACING

ROOF TRUSSES 2 x 4 @ 24" CENTERS MINIMUM
IF MANUFACTURED, ROOF FRAMING PLAN REQUIRED

ICE & WATER BARRIER
R905.1.2

DOUBLE TOP PLATE (TYP.)

INTERIOR WALL / CEILING FINISH (MINIMUM 1/2" SHEETROCK / FIRE-RATED
5/8" IF ADDING TEXTURE, TABLE R702.3.5 FOOTNOTE (d.)
FIRE SEPARATION REQUIRED BETWEEN HOUSE AND GARAGE)

WALL STUDS 2 x 6 @ 16" CENTERS RECOMMENDED

EXTERIOR SHEATHING (MINIMUM 7/16" PLYWOOD OR EQUAL)
EXTERIOR WATER-RESISTIVE BARRIER (TYVEK)

EXTERIOR WALL FINISH

ALL PLUMBING MATERIALS TO COMPLY WITH THE LATEST ADOPTED
EDITION OF THE WYOMING STATE PLUMBING CODE IPC2015
SERVICE LINE FROM METER PIT TO MAIN SHUTOFF IN BUILDING SHALL
BE MIN. 200 PSI. RATED APPROVED POTABLE WATER PIPE.

BLOCKING REQUIRED AT HORIZONTAL JOINTS
SOLID FASTENING ALL PERIMETER EDGES

SUBFLOOR (3/4" TONGUE AND GROOVE MINIMUM)

BAND BOARD

FLOOR JOIST (MANUFACTURED JOIST REQUIRE FLOOR FRAMING PLAN)
TYPE USED: ENGINEERED BCI, I-JOISTS, GLUE LAMS

TERMITE SHIELD (METALLIC)

SUPPORT BEAM (NOT SHOWN)
SPAN: PER 2015 IRC

WOOD SIDING, SHEATHING & WALL FRAMING
ON EXTERIOR HAVE A CLEARANCE OF 6"
MINIMUM TO FINISH GROUND LEVEL

EXTERIOR GRADE 42" MIN. ABOVE TOP OF
FOOTING AND SLOPED TO DRAIN
6" IN 10' REQUIRED SLOPE

ANCHOR BOLTS 1/2", 10" STEEL, MIN 7" INTO CONCRETE OR GROUT CELLS
(SPA. 1' FROM CORNERS MIN. 6'-0" CENTERS)
PROVIDE ANCHOR BOLTS ON BOTH SIDES OF DOOR OPENINGS
(MIN. 2 BOLTS PER PLATE)
LOCATE BOLTS IN MIDDLE THIRD OF WIDTH OF THE PLATE

FOUNDATION:
MINIMUM THICKNESS:
FRAME - 8"
BRICK / VENEER - 10"

MIN. REINFORCEMENT
#4 VERTICAL BARS @ 48" CENTERS FOR MAX WALL HEIGHT
OF 8 FT OR BACKFILL GREATER THAN 4 FEET. OTHERWISE IN
ACCORDANCE WITH IRC TABLES 404.1.2(3) - 404.1.2(4)

WATERPROOFING / DAMP PROOFING

FOUR INCH PLASTIC DRAIN TILE INSIDE & OUTSIDE FOUNDATION (AS NEEDED)
WALLS COVERED WITH ROCK AND BUILDING PAPER. R405 (APPROVED FILTER MEMBRANE)
PROPERLY INSTALLED FORM-A-DRAIN ACCEPTABLE

FOOTING: 42" MINIMUM COVER TO TOP OF FOOTING
MINIMUM 8" DEEP, MINIMUM 16", 18" W/ BRICK VENEER
2 - #4 BARS (1/2") CONTINUOUS STD HOOK

PROVIDE CRUSHED AGGREGATE AS FOLLOWS:
2" BOTTOM AND SIDES
6" TOP - FILL BETWEEN PIPE AND FOOTING

12
4 MIN.

24" INSIDE OF
EXTERIOR WALL

#4 - 1/2" REBAR
CONTINUOUS - ONE UPPER
12" OF WALL AND THIRD
POINTS FOR WALLS >8 FT
PER IRC Table R404.1.2(1)

4" MIN. FLOOR THICKNESS W/
APPROVED VAPOR BARRIER
6 MIL. POLYETHYLENE FILM



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RESIDENTIAL BUILDINGS BUILDING GUIDE SHEET

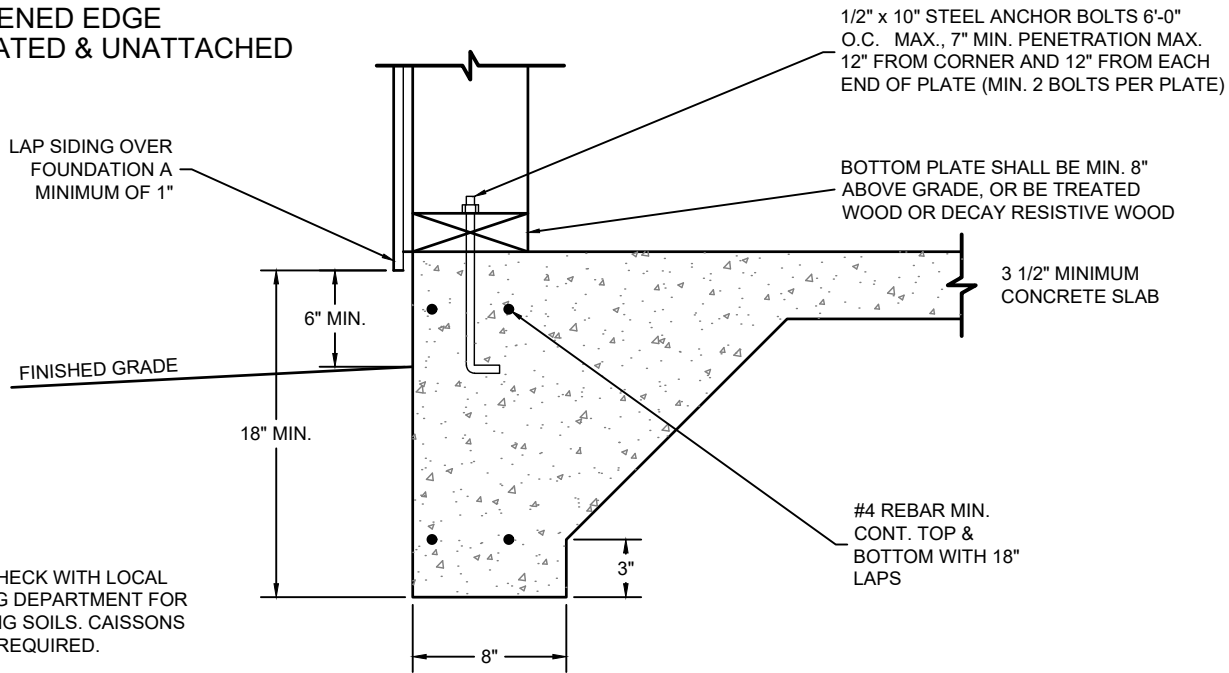
DATE:

MAY 24th, 2017

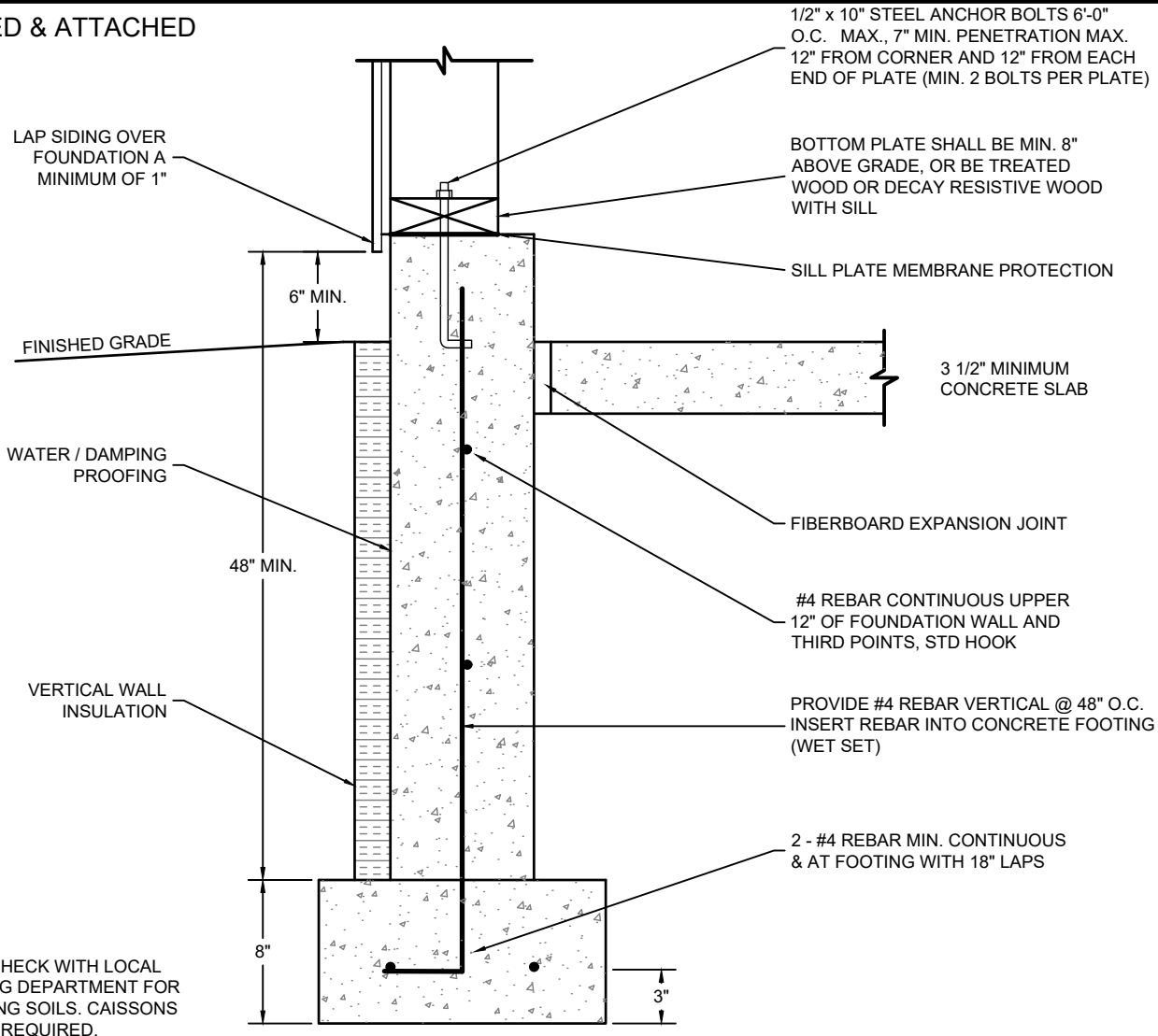
DRAWING NO.

#2

**THICKENED EDGE
UNHEATED & UNATTACHED**



HEATED & ATTACHED



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GARAGE FOUNDATION DETAILS

DATE:

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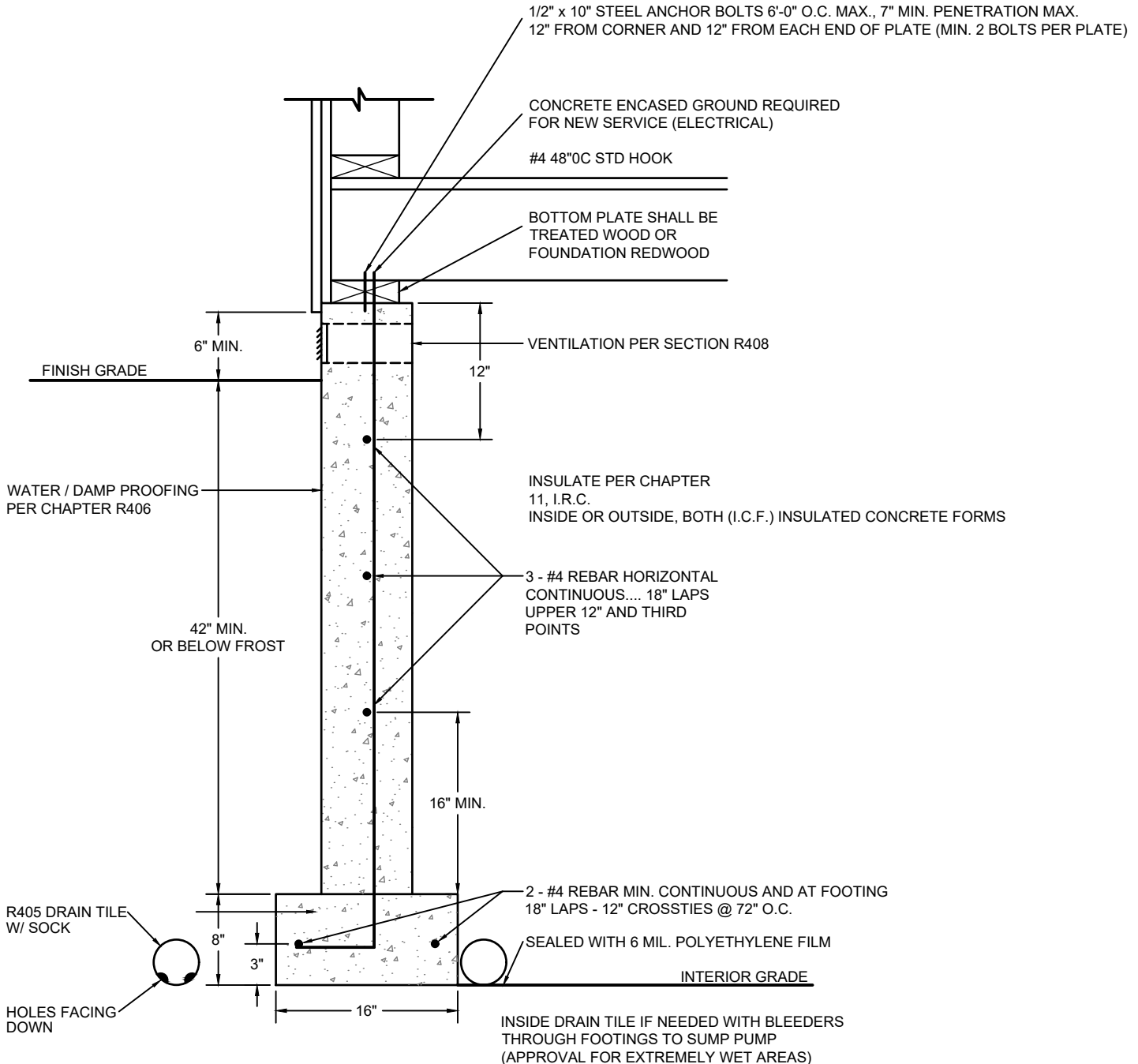
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NOTE: MAINTAIN AT LEAST 18" CLEAR BETWEEN THE BOTTOM OF THE FLOOR JOISTS TO THE GRADE LEVEL OF THE CRAWLSPACE, AND AT LEAST 12" UNDER A BEAM.

VENTILATE THE CRAWLSPACE WITH OPENINGS NEAR THE CORNERS. THE TOTAL AREA OF THE OPENINGS SHOULD BE 1 SQUARE FOOT FOR EACH 150 SQUARE FEET OF CRAWLSPACE FLOOR AREA.

THE CRAWLSPACE ACCESS MUST BE A MINIMUM OF 18" x 24" AND BE UNOBSTRUCTED.

BASEMENT MAY REQUIRE ENGINEERED DESIGN.



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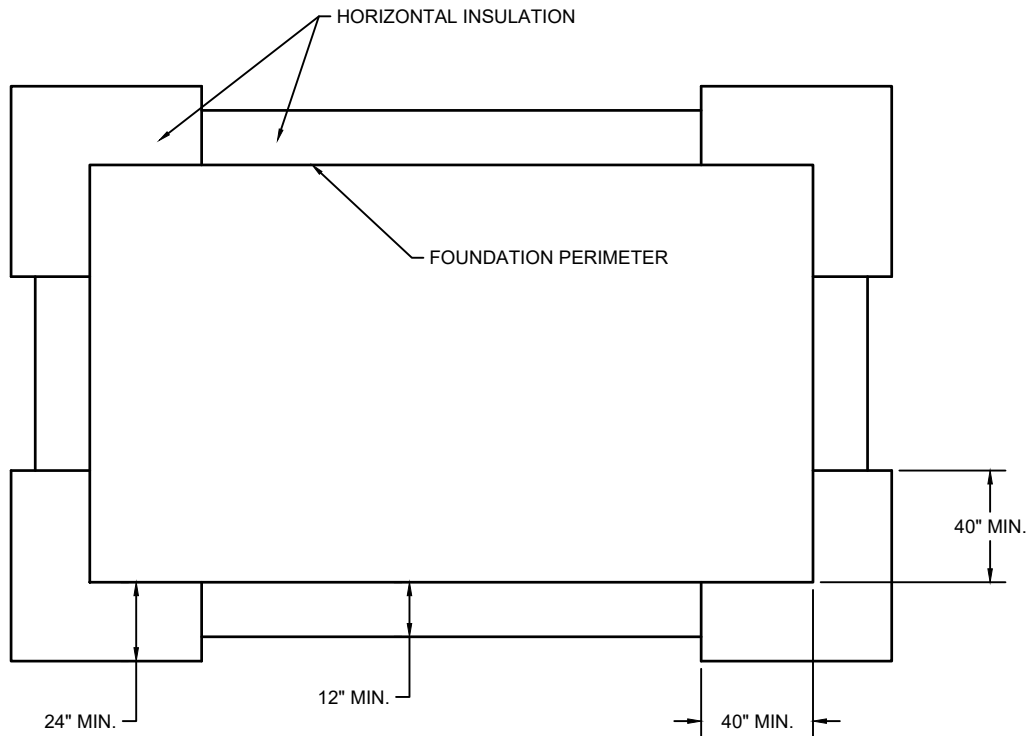
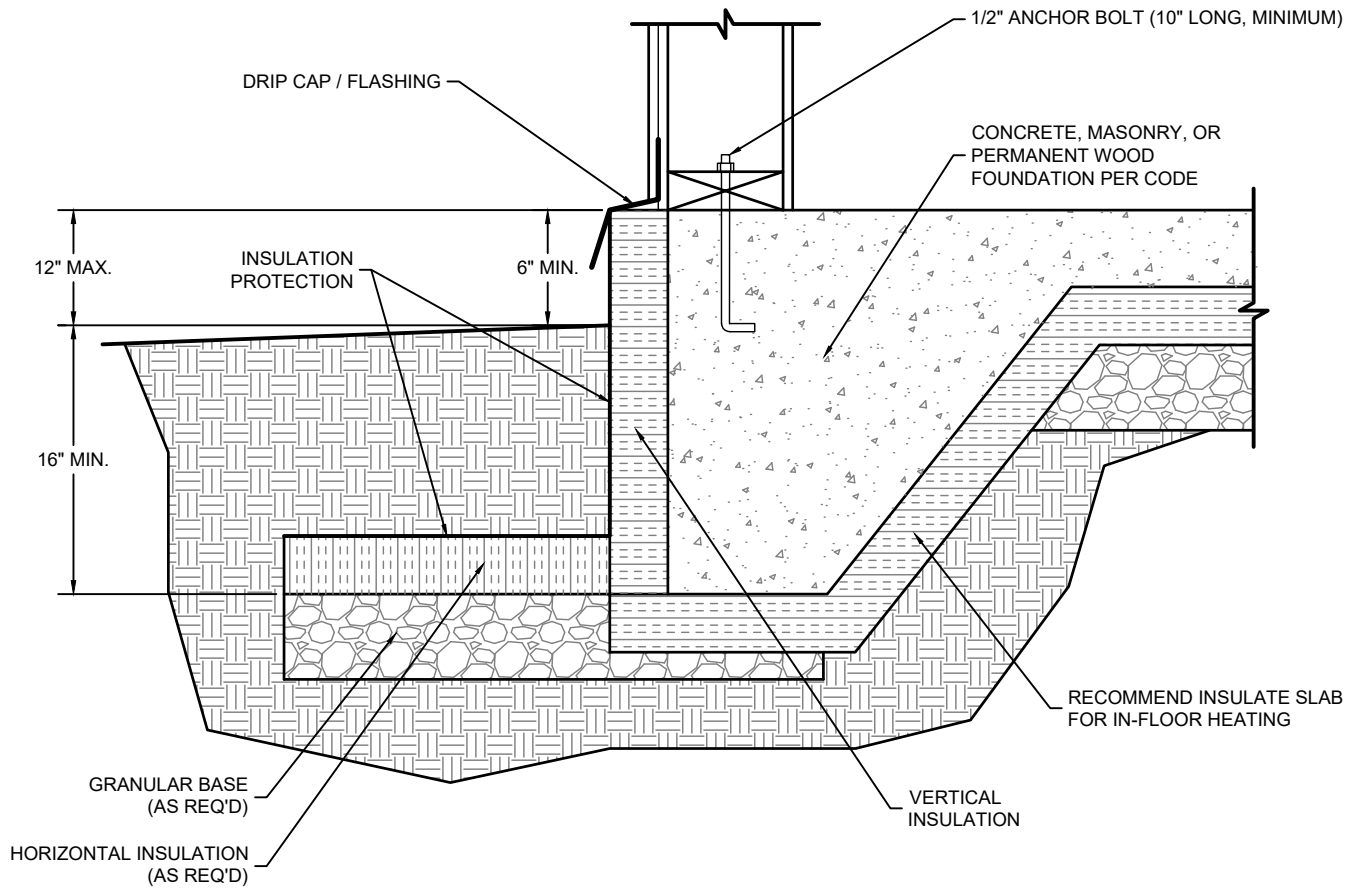
CRAWLSPACE FOUNDATION

DATE:

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#3



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FROST PROTECTED HEATED BUILDINGS

DATE:

MAY 24th, 2017

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#4

NEW OR EXISTING
LIGHT REQUIRED



OPEN GUARDRAILS ON DECKS MORE THAN 30 INCHES ABOVE GRADE OR A FLOOR BELOW SHALL HAVE MEMBERS SPACED SO THAT A 4" DIAMETER SPHERE CANNOT PASS THROUGH.

GUARDRAIL

36" MIN.
HEIGHT

OPENINGS FOR REQUIRED
GUARDS ON THE SIDES
OF STAIR TREADS SHALL
NOT ALLOW A 4 3/8"
DIAMETER SPHERE TO
PASS THROUGH

STAIRWAY NOTES:

1. STAIRWAYS SHALL BE NOT LESS THAN 36" IN WIDTH.
2. STAIRWAY RISERS SHALL BE NOT GREATER THEN 7 3/4".
3. STAIRWAY TREADS SHALL HAVE A MINIMUM RUN OF 10".
4. THE LENGTH OF RUN AND THE HEIGHT OF RISER SHALL NOT VARY. MORE THAN 3/8" IN THE ENTIRE RUN OF THE STAIR.
5. OPEN RISERS PERMITTED IF NOT OVER 30" FINISHED GRADE
6. A NOSING NOT LESS THAN 3/4" BUT NOT MORE THAN 1 1/4" SHALL BE PROVIDED ON STAIRWAYS WITH SOLID RISERS, AND LESS THEN 11".
7. COMPOSITE MATERIALS (EXAMPLE: TREX) MAY REQUIRE 4 STINGERS.

HANDRAIL (SEE DETAILS BELOW)

34-38" ABOVE
NOSING

LESS THAN
6" DIA.

GUARDRAIL REQUIRED IF
MORE THAN 30"

10" MIN. RUN
FROM NOSING
TO NOSING

OPEN RISERS
LESS THEN 4"
ABOVE 30"

7 3/4" MAX. RISE

36" MIN.

LANDING SAME
WIDTH AS STAIRS

FINISHED GRADE

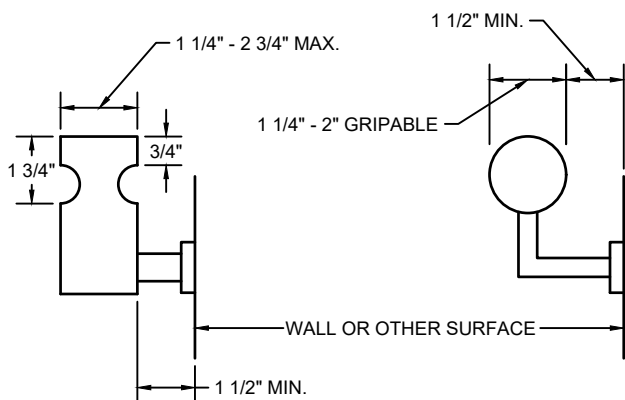
HANDRAIL NOTES:

1. HANDRAILS SHALL BE CONTINUOUS ON AT LEAST ONE SIDE OF STAIRS WITH 4 OR MORE RISERS.
2. TOP OF HANDRAILS SHALL BE PLACED NOT LESS THAT 34" NOR MORE THAN 38 INCHES ABOVE STAIR NOSINGS.
3. THE HANDGRIP POTIONS OF HANDRAILS SHALL BE NOT LESS THAN 1/4 INCHES NOR MORE THAN 2-1/4 INCHES IN CROSS SECTION FOR NON CIRCULAR HANDRAILS.
4. HANDRAILS SHALL BE PLACED NOT LESS THAN 1-1/2 INCHES FROM ANY WALL OR OTHER SURFACE.
5. HANDRAILS TO BE RETURNED TO WALL, POST OR SAFETY TERMINAL (PER 311.5.6.2 IRC)

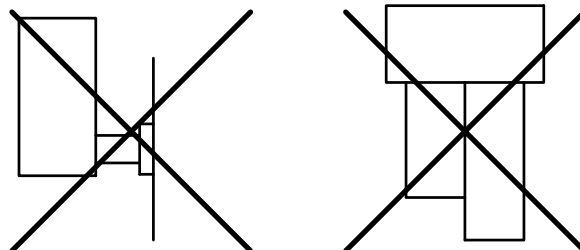
ACCEPTABLE HANDRAIL DETAILS

TYPE II

TYPE I



UNACCEPTABLE HANDRAILS



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STAIR & HANDRAIL SPECIFICATIONS

DATE:

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DRAWING NO.

#6