

STANDARD BLOCK WALL (GARDEN WALL)

RETAINING WALL DETAILS TO BE ENGINEERED

(PLEASE NOTE: These are general guidelines, not to be used in lieu of actual code requirements for final design. Your final design will be subject to plan review.)



BUILDING & SAFETY DIVISION

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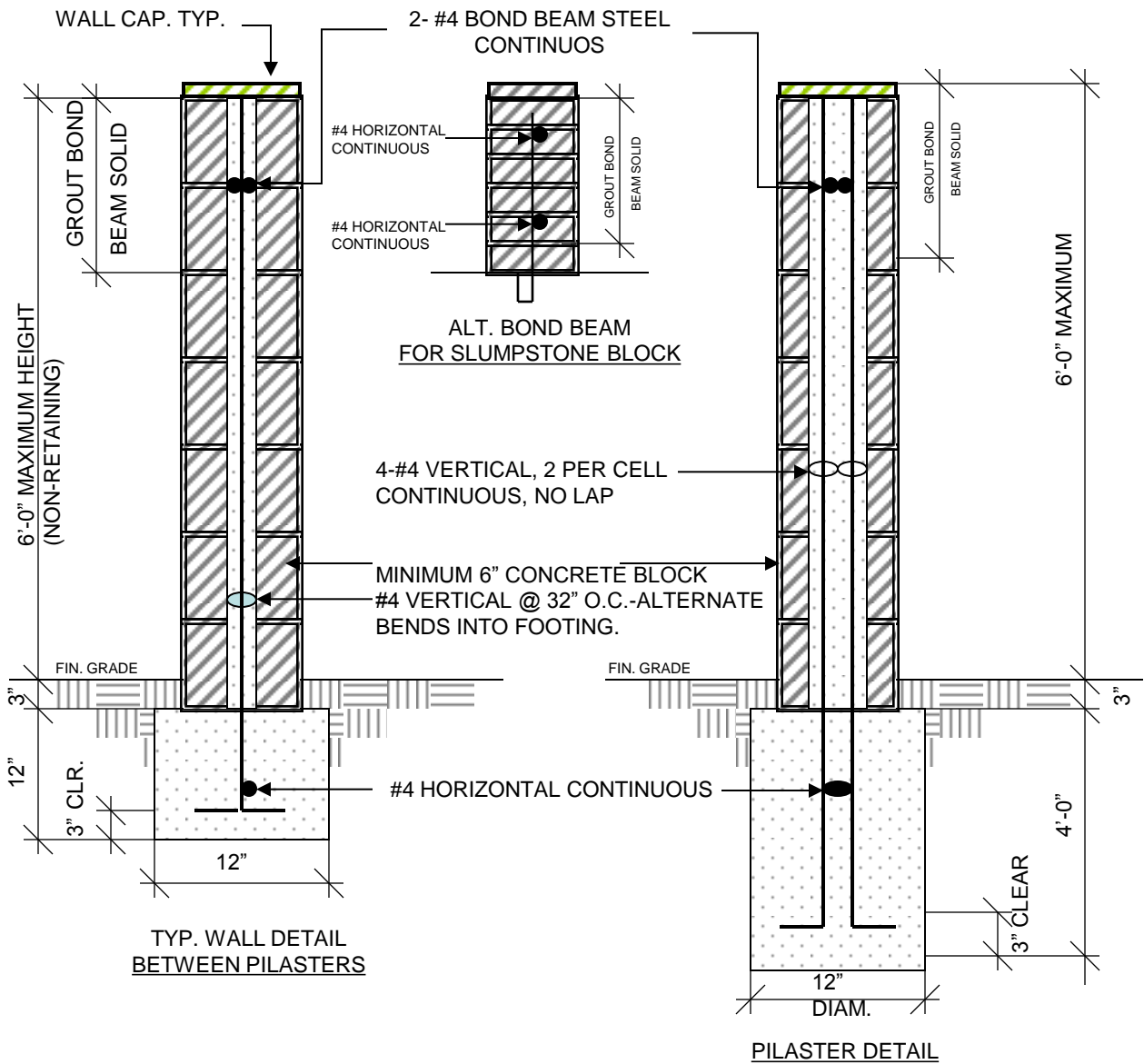
www.lahabracity.com



NOT TO SCALE

OPTION #1

STANDARD DETAIL



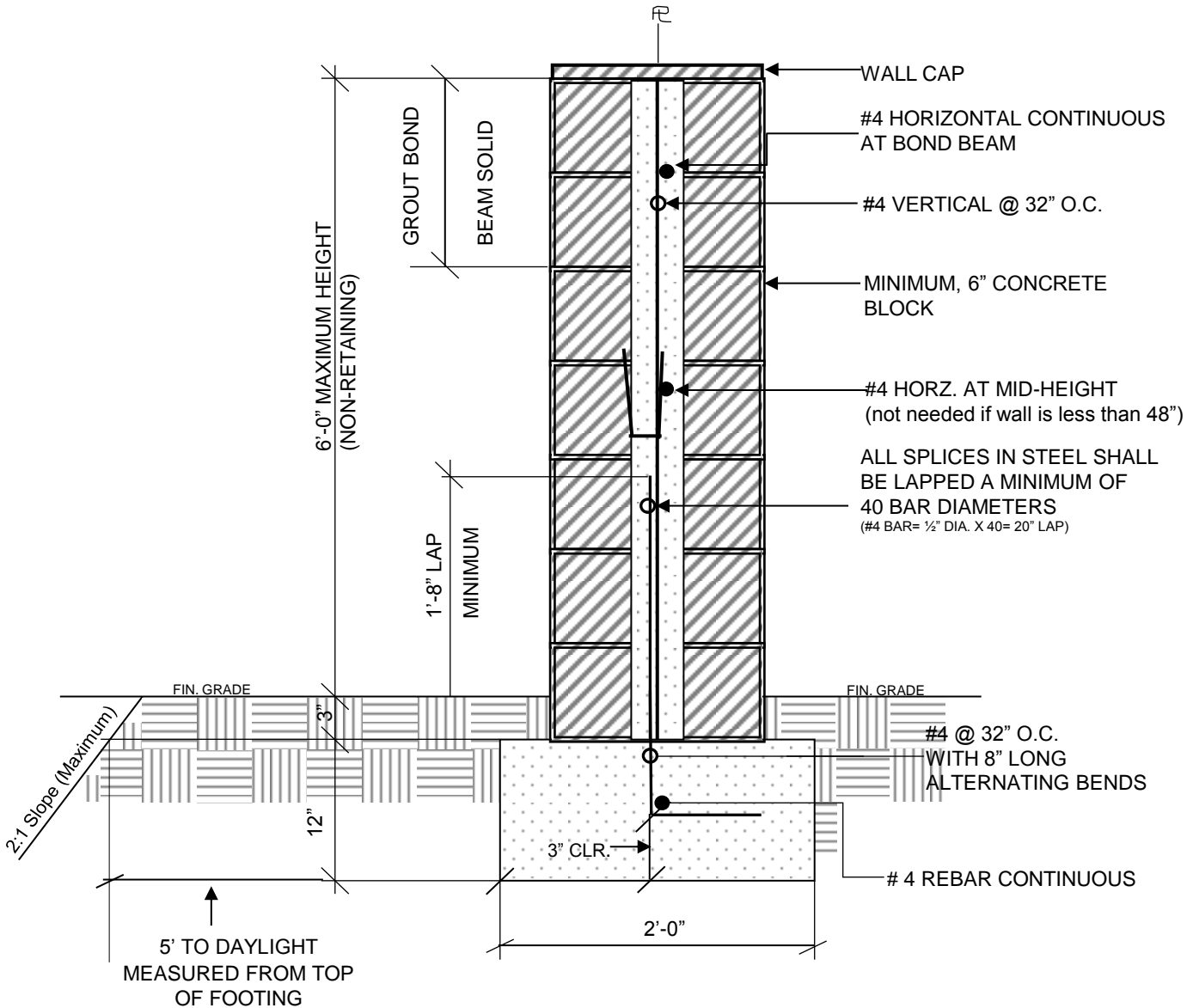
NOTES:

1. CONCRETE MASONRY UNITS(BLOCK) SHALL CONFORM TO A.S.T.M. STANDARD C90.
2. CONCRETE AND GROUT SHALL ATTAIN A MINIMUM 2,000 psi COMPRESSIVE STRENGTH AT 28 DAYS.
3. ALL CELLS WITH REINFORCING MUST BE GROUTED, SOLID.
4. PROVIDE AN EXPANSION JOINT EVERY 25' TO 30' - DO NOT EXTEND STEEL OF BOND BEAM THROUGH EXPANSION JOINTS.
5. PROVIDE ADEQUATE DRAINAGE BEHIND ANY WALL WITH EARTH AGAINST IT. (DO NOT BLOCK DRAINAGE).
6. PILASTERS ARE TO BE LOCATED AT 10'-0" ON CENTER, MAXIMUM, AND AT EACH END, AND AT ALL CORNERS.

NOT TO SCALE

STANDARD DETAIL

OPTION #2



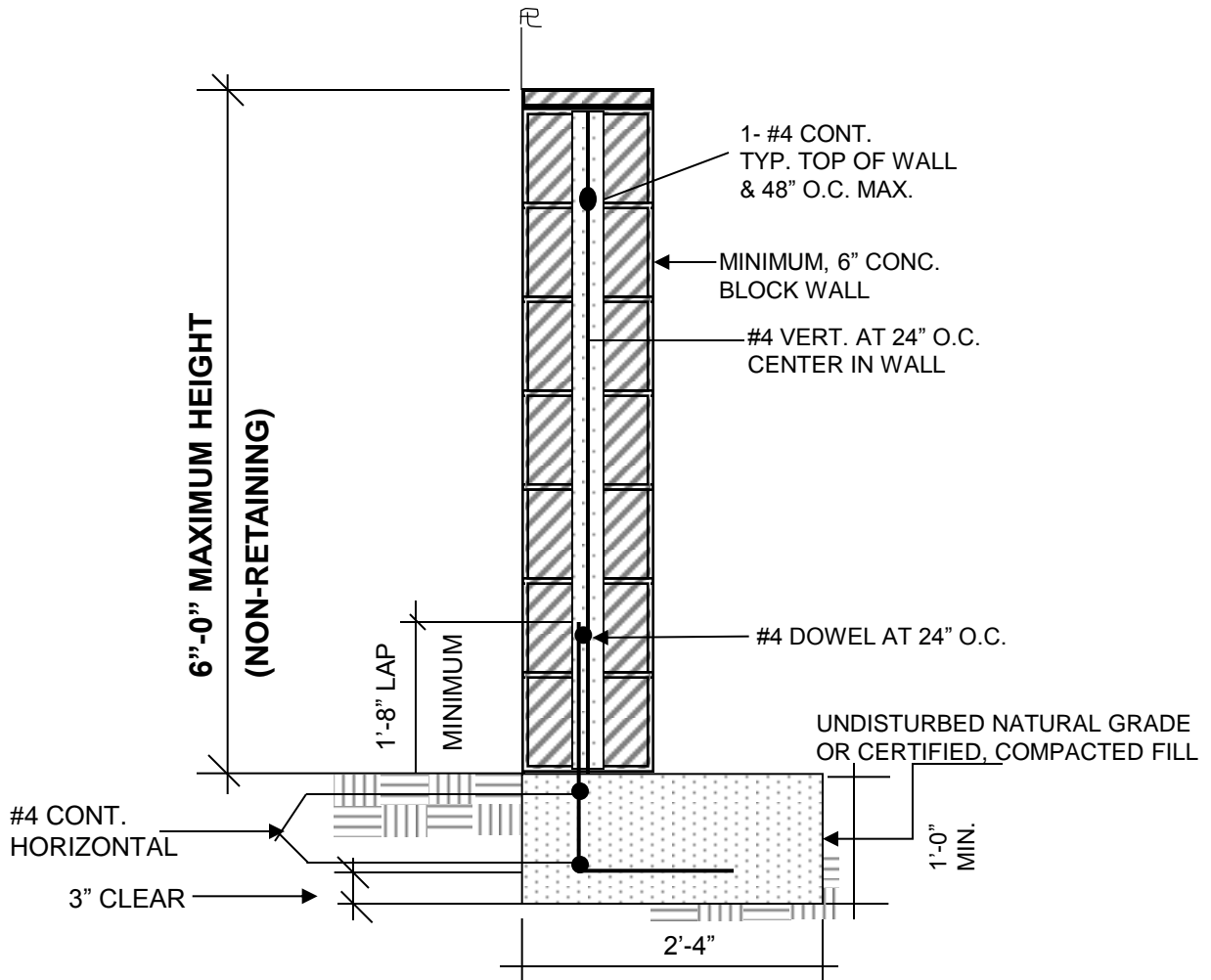
NOTES:

1. CONCRETE BLOCK SHALL CONFORM TO A.S.T.M. STANDARD C90.
2. CONCRETE AND GROUT SHALL ATTAIN 2,000 psi COMPRESSIVE STRENGTH AT 28 DAYS.
3. ALL CELLS WITH REBAR MUST BE GROUTED, SOLID.
4. PROVIDE AN EXPANSION JOINT EVERY 25' TO 30'- DO NOT EXTEND STEEL OF BOND BEAM THROUGH EXPANSION JOINTS.
5. PROVIDE ADEQUATE DRAINAGE BEHIND ANY WALL WITH EARTH AGAINST IT (DO NOT BLOCK DRAINAGE).

NOT TO SCALE

STANDARD DETAIL

OPTION #3



NOTES:

1. MIN. ALLOWABLE SOIL BEARING 1500 P.S.F.
2. MIN. CONCRETE COMPRESSIVE STRENGTH 2000 P.S.I. AT 28 DAYS. PORTLAND CEMENT SHALL CONFORM TO ASTM C 150-B1.
3. MASONRY UNITS SHALL CONFORM TO ASTM C-90 AND WALL SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 21 OF THE CBC.
4. MORTAR SHALL BE, MINIMUM, TYPE S OR M PER TABLE 2103.11
5. GROUT SHALL BE 2000 P.S.I. MIN. AT 28 DAYS.
6. REINFORCING STEEL SHALL, AT A MINIMUM, CONFORM TO ASTM A615.
7. GROUT ALL CELLS WITH REINFORCING STEEL MUST BE GROUTED SOLID.

COMMON LINE AGREEMENT FOR CONSTRUCTION OF BLOCK WALL BETWEEN ADJACENT PROPERTIES

I hereby agree to the construction of a block wall that will be placed along or near to my property line. I understand that the footings for this block wall may be placed partially or entirely on my property. I also understand that it is the responsibility of the contractor doing the work or adjacent property owner to repair or replace any of the dirt/landscaping that is displaced during construction.

I hereby agree to the above conditions.

Owner (Print)

Owner (Print)

Address

Address

Signature

Signature

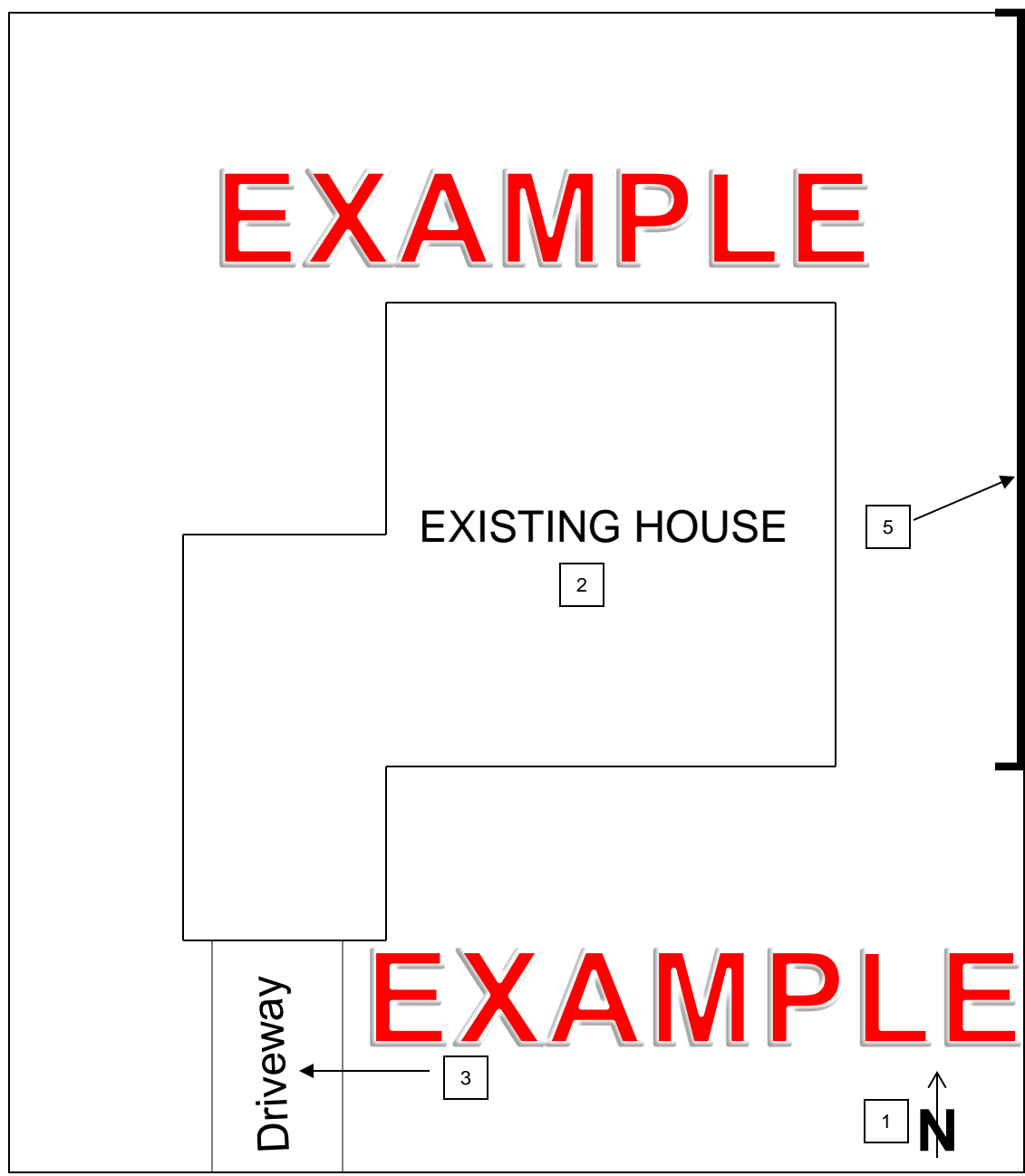
TYPICAL PLOT PLAN

4 P.L. _____ feet

4 P.L. _____ feet

4 P.L. _____ feet

EXAMPLE



STREET (NAME)

SCALE: _____ = _____

1

INSTRUCTIONS

1. Show project address, owners name, north arrow and scale
2. Show accurate footprint of all existing structures
3. Show driveway
4. Show all property lines (P.L.), label each and properly dimension
5. Show dimensions of proposed walls (length, height)

Owner: _____
 Address: _____
 City: _____ State: _____
 Zip Code: _____

Notes:

1. Have correct legal description and address of property.
2. Note adjoining streets or alleys and width of curb cuts.
3. North arrow should be correctly placed.
4. Draw completely dimensioned lot plan.