

## Engineering Department

Nicholas J. Rystrom, P.E. - *City Engineer*  
319 Charger Street Revere MA 02151  
781. 286. 8152



**Patrick M. Keefe Jr.**  
*Mayor*

Final as-built plans are required for all construction (new AND redeveloped) projects prior to City Engineer approval and permit issuance. This is a proposed site plan and should be treated as an existing condition, detailed survey plan, overlaid with all proposed development and modifications. The requirements of said site plan are as follows:

- 1.) Comply with the *Zoning Ordinances of the City of Revere, Section 17.17.050 "Materials for Review"* and the *City of Revere Rules & Regulations Governing the Subdivision of Land, Section 4 "Definitive Plan"*
- 2.) Show to considerable detail all that is proposed to be constructed.
- 3.) All plans shall be prepared with drafting software (AutoCAD or other), **NO SKETCHES**
- 4.) All plans shall be prepared at 40 scale (engineering, 1" = 40') or other, approved by the City Engineer and on sheets NO BIGGER than 24" x 36"
- 5.) Provide locations of all underground utility services
- 6.) Provide locations of all relevant utility structures (CBs, MHs, etc.), including rim and invert elevations
- 7.) Provide size and material for all underground utilities, including both main lines and service lines.
- 8.) Show proposed utility service penetration locations with dimensions along the foundation.
- 9.) Show foundation dimensions and closest offset to each property line.
- 10.) Provide top of foundation elevation.
- 11.) Provide reference to vertical datum.
- 12.) Provide existing and proposed site topography and distinguish between the two.
- 13.) Provide reference to horizontal datum - coordinates of two lot corners or tie to two local permanent monuments.
- 14.) Provide parcel ID, street address, and any previous lot designations.
- 15.) Provide relevant information for direct abutters (now/formerly, parcel ID, etc.) as well as any relevant adjacent structures.
- 16.) Show bearings and distances of all site property lines and related rights of way, accurate to 1/100 of a second and 1/100 of a foot.
- 17.) Show all driveways, decks, porches, pavement, grassed areas, landscaping, trees in excess of 4" dia., retaining walls, etc.
- 18.) Show light poles, signs, utility poles, pavement markings, parking meters, etc.
- 19.) Provide a zoning bulk table showing required and proposed zoning information (zoning district, offsets, required open space, etc.)
- 20.) Show any/all existing and proposed easements.
- 21.) List any/all variances, special permits, or waivers on the plan(s) as well as evidence that any of such has been obtained.
- 22.) Provide all other measurements accurate to 1/10 of a foot.
- 23.) Provide a north arrow (specify true or magnetic)

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- 24.) Plan shall be wet stamped, signed and dated by a registered PLS and PE
- 25.) Perform a deep hole excavation at the approximate center of the proposed foundation and provide the results of a soil evaluation performed by a State licensed soil evaluator. Evaluation should include but not be limited to soil type(s), soil layer thickness, ground water elevation, etc. The elevation of the proposed building foundation shall be adjusted accordingly.
- 26.) Provide proposed sediment and erosion control measures (i.e., barrier, inlet protection, construction entrance, etc.)

**The guidelines listed above are provided as base requirements only. The City Engineer reserves the right to require or omit any data or information, based on individual circumstances.**

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