

MINIMUM PUBLIC SAFETY REQUIREMENTS FOR UNATTENDED EXCAVATIONS

PRIOR TO THE CONTRACTOR'S DEPARTURE FROM EXCAVATION SITE, PROVISIONS SHALL BE MADE FOR COMPLIANCE WITH THESE MINIMUM REQUIREMENTS. EXCAVATIONS SHALL BE BACKFILLED OR PROTECTED, PROTECTED TO THIS STANDARD AND THE FOLLOWING ARE MINIMUM ACCEPTABLE MEASURES, COMPLIANCE WITH THIS STANDARD DOES NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO PROTECT THE PUBLIC BY ALL NECESSARY MEANS.

IN CONJUNCTION WITH BARRICADES, CONES AND CAUTION TAPE, FENCES OR COVERS MAY BE OMITTED AT THE OPTION OF THE CONTRACTOR WHEN;

- A. THE EXCAVATION IS MORE THAN 6 FEET FROM THE EDGE OF ANY PAVED SURFACE OR PEDESTRIAN WAY.
- B. LESS THAN 3 FEET DEEP WITH SUFFICIENT WARNING DEVICES SUCH AS BARRICADES WITH FLASHERS.
- C. LESS THAN 3 FEET DEEP IN THE VERTICAL PORTION WITH UPPER SIDE SLOPES OF 1:1 OR FLATTER.
- D. IN ANY AREA THAT IS NOT ACCESSIBLE TO THE PUBLIC OR THAT IS MORE THAN 1/2 MILE FROM ANY PLACE OF PUBLIC USE OR HABITATION.

TEMPORARY OR PROTECTIVE FENCING MAY BE 1 1/2"Ø STEEL POST WITH CHAIN LINK FENCE FABRIC OR AS DESIGN BY DESIGN ENGINEER PROFESSIONAL. FENCES SHALL BE CONSTRUCTED SUFFICIENTLY TO PRECLUDE A 6 INCH SPHERE. FENCE HEIGHT SHALL BE 6 FEET MINIMUM FOR ANY EXCAVATION.

ALTERNATELY, TRENCH COVERS MAY BE 1/2 INCH STEEL PLATES, 2 INCH THICK WOOD PLANKS, OR 3/4 INCH PLYWOOD FOR NON TRAFFIC AREAS. NON SKID STEEL PLATES SHALL BE USED TO COVER TRENCHES IN VEHICULAR TRAFFIC AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER TRENCH BRACING AND STEEL PLATES WITH SUFFICIENT STRENGTH TO WITHSTAND TRAFFIC LOADS EROSION. STEEL PLATES ARE WEDGED IN PLACE AND COLD MIX ASPHALT BACKING AROUND THE STEEL PLATE IN WEDGE FORM. WHEN 2 OR MORE STEEL PLATES ARE USED, THE PLATES SHALL BE TACK WIELDED AT EACH CORNER.

TITLE: **UNATTENDED EXCAVATION SAFETY**

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APPROVED: 

7-16-13

STANDARD PLAN

E-2

CITY OF HOLLISTER
ENGINEERING DEPARTMENT

CITY ENGINEER: RUDI GOLNIK LIC. NO. 39570 EXP. DATE: 12-31-2013

DATE

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