

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

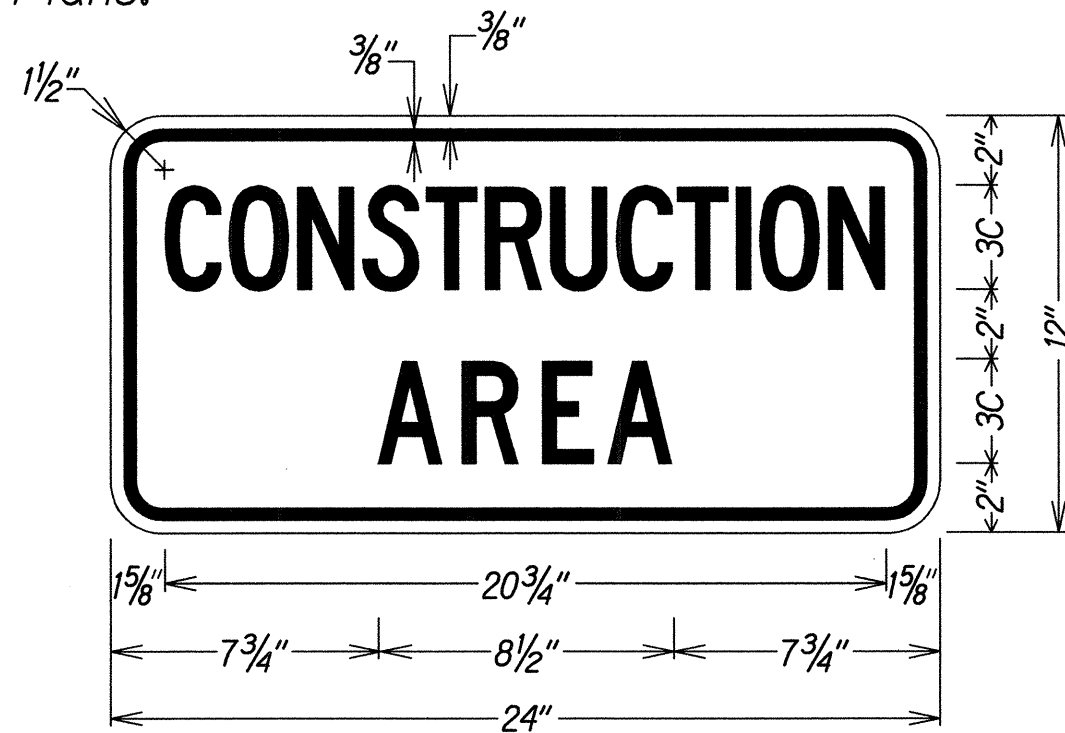
1. Only Traffic Control Plans for major construction activities are shown. The Contractor shall develop his own Traffic Control Plans in accordance with Section 645 of the Special Provisions for activities to complete work not covered by the Traffic Control Plans. The Contractor shall submit the Traffic Control Plans to the Engineer for approval. Payment for development and implementation of the Traffic Control Plans shall be considered incidental to the various contract items.
2. All lane closures and traffic pattern changes (detours) not shown on the plan shall be submitted to the Engineer for approval in accordance with Specifications Section 645-Traffic Control. For restrictions on lane closures, detours, construction work during peak hours, and other requirements regarding maintaining vehicular and pedestrian traffic, see Section 107.13 - Public Convenience and Safety, Section 645-Traffic Control, and Section 104.04 - Maintenance of Traffic.
3. The Contractor shall make minor adjustments at intersections, driveways, bridges, structures, etc. to fit field conditions.
4. Cones or delineators shall be extended to a point where they are visible to approaching traffic.
5. Traffic control devices shall be installed such that the sign or device farthest from the work area shall be placed first. The others shall then be placed progressively toward the work area.
6. Flaggers and/or police officers shall be in sight of each other or in direct communications at all times.
7. When required by the Resident Engineer, the Contractor shall install a flashing arrow board.
8. Sign spacings (L), taper lengths (T), and spacings of cones or delineators shall be as shown in Table 1 of Section 645 in the Specifications, unless otherwise noted on the Traffic Control Plans.

9. All traffic lanes shall be minimum of 11 feet wide.
10. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
11. The backs of all signs for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces).
12. At the end of each day's work or as soon as the work is completed, the Contractor shall remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation.
13. Replace permanent pavement markings and traffic signs upon completion of work.
14. Existing conflicting pavement markings shall be removed and temporary pavement markings shall be installed before traffic patterns are changed. After completion of the work, temporary pavement markings shall be removed. Payment for removal of existing pavement markings; and furnishing, installing, and removal of temporary pavement markings, whether or not shown on the Traffic Control Plans shall be considered incidental to the various contract items.
15. The locations of pavement markings, signs, and delineators used in the Traffic Control shall be as shown on the plans and/or as determined in the field by the Engineer.
16. Damage to signs, temporary pavement markers, and delineators caused by the public shall be repaired or replaced by the Contractor as directed by the Engineer and paid for under Section 645. Damage caused by the Contractor's negligence shall be repaired or replaced at the Contractor's expense.

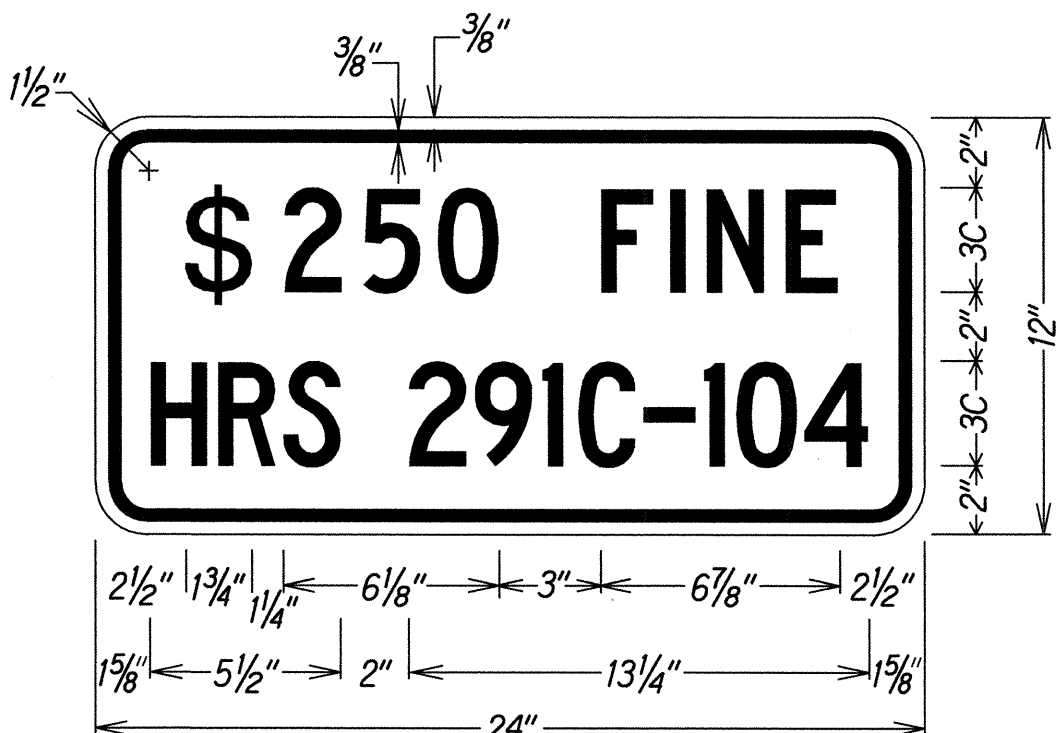
17. The Contractor shall provide sand bags or other accepted weights for the Type II Barricades, when used. The Contractor shall provide steady burn amber lamps during hours of darkness. The lamps shall be attached on the Type II Barricade end closest to the traveled way. The lamp should be visible to the motorist.
18. Contractor shall maintain access to adjacent properties at all times.
19. Cones and signs for night work shall be retroreflective.
20. Steel plates for covering trenches shall have a skid resistant surface.

WORK ZONE NOTES:

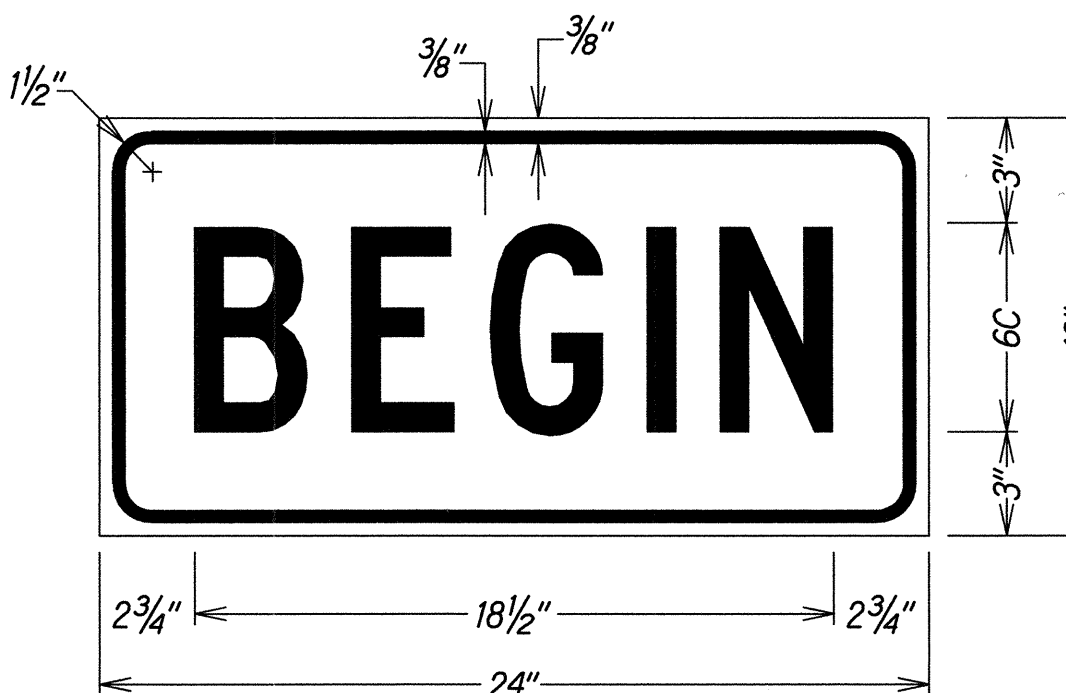
1. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(40),R2-1(30),R2-1(15)) and CW3-5(40),CW3-5(30),CW3-5(15)) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs).
2. Construction sign assemblies shall be installed on both the approaching and trailing ends of each work zone as shown on this plan.
3. Each construction warning sign shall have a minimum of two (2) Type II OM. Each work zone speed limit assembly shall have a minimum of one (1) Type II OM. Installation of each Type II OM shall be considered included in the cost of Item No. 645.3000 Traffic Control.
4. Upon the completion of all physical work or as directed by the Engineer, all construction signs and work zone speed limit assemblies shall be removed. All speed limit signs and posts that were existing at the start of the project within the work zone/project limits shall be restored back to their original locations and configurations.
5. Placement of construction signs shall not obstruct the path of pedestrians and bicyclists.
6. The removal and restoration of existing regulatory speed limit signs with new posts along with the installation, maintenance and removal of work zone speed limit sign assemblies shall be considered included in the cost of Item No. 645.3000 Traffic Control.



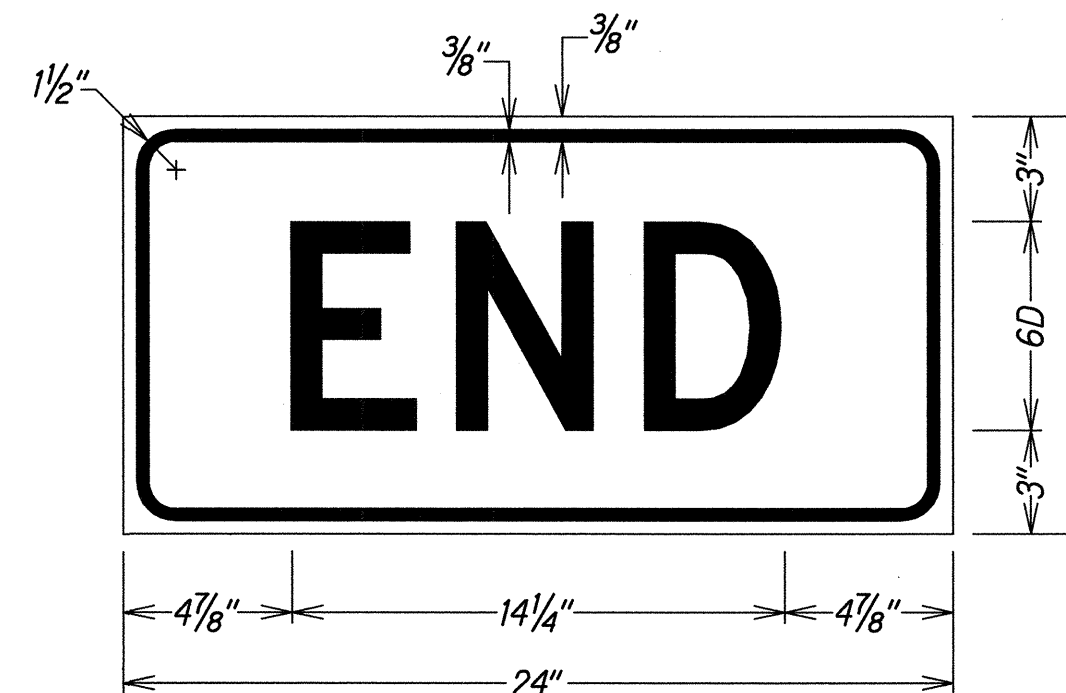
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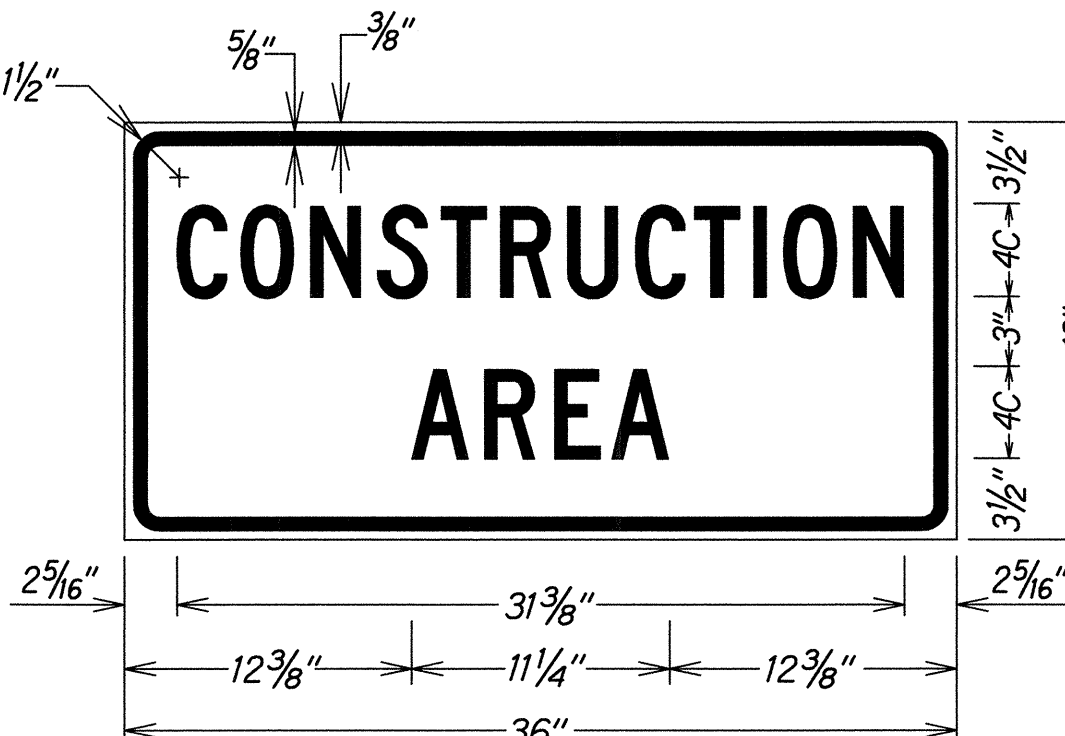
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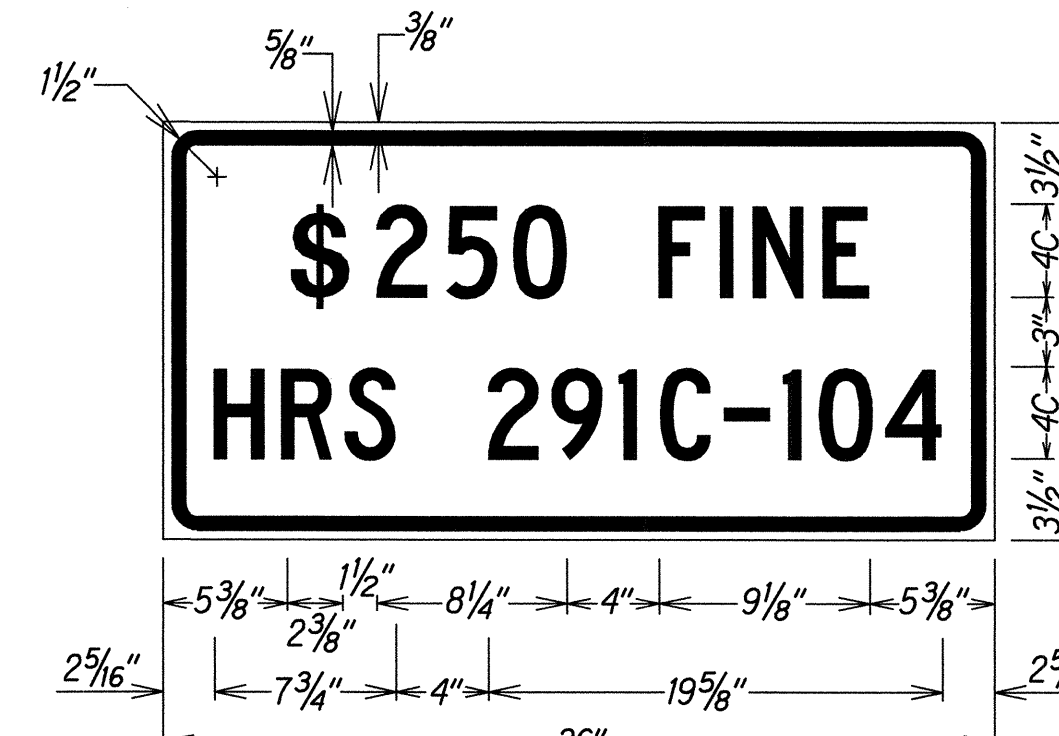
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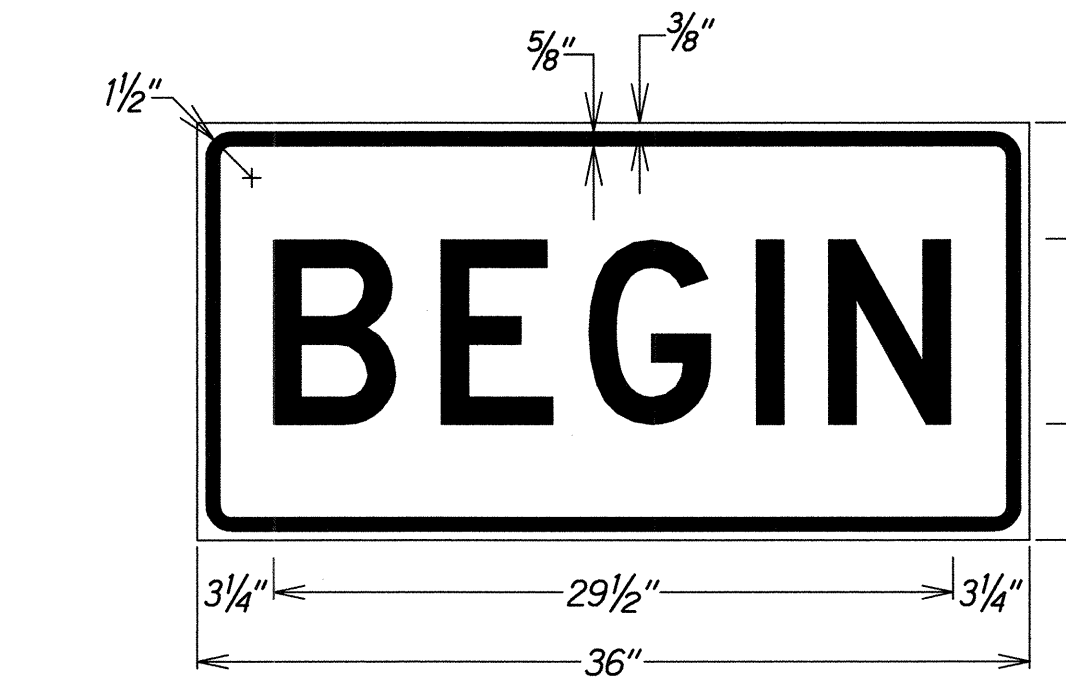
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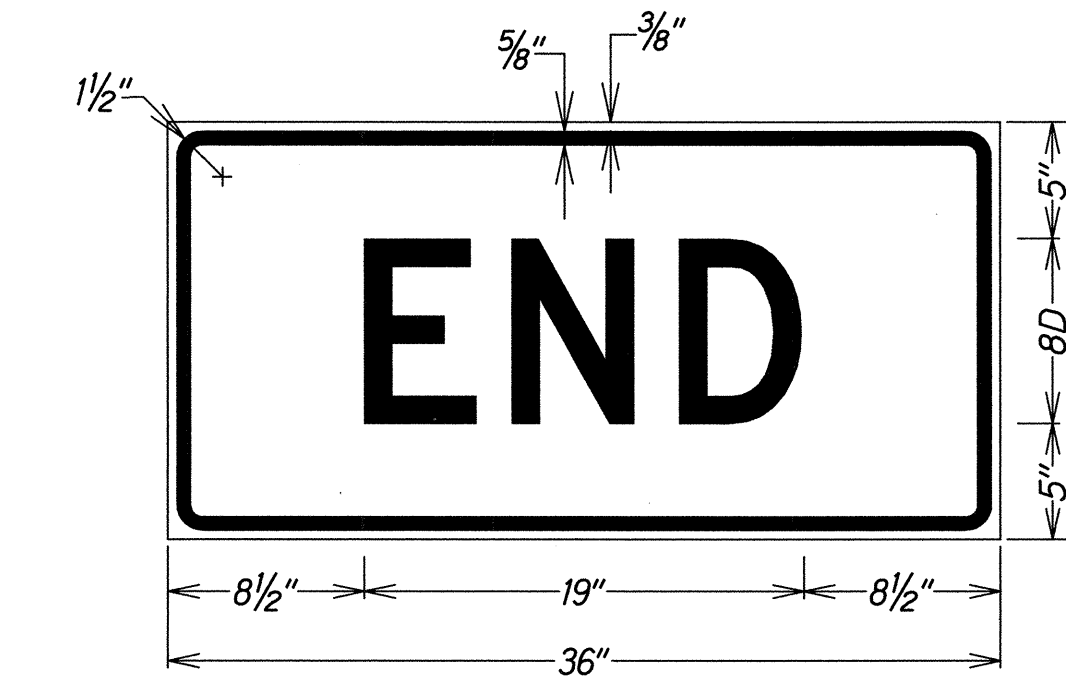
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TRAFFIC CONTROL NOTES,
AND SIGN DETAILS**
*Kuhio Highway Emergency Repairs
Vicinity of MP 21.7 (Wailapa Stream)*
FEDERAL AID PROJECT NO. ER-14(1)
Scale: None Date: April 2006

SHEET No. TC1 OF 3 SHEETS