

THE FOLLOWING SOIL PARAMETERS WERE FURNISHED BY NCDOT-GEOTECHNICAL UNIT SOILS AND FOUNDATION SECTION. THE FOLLOWING SOIL PARAMETERS SHALL BE USED FOR THE DESIGN OF TEMPORARY SHORING-BARRIER SUPPORTED. "FOR TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, DO NOT USE THE STANDARD SHORING DESIGN FROM STA. 10+17 +/- -L- TO STA. 10+42 +/- -L-. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHORING DESIGN".

UNIT WEIGHT OF SOIL, $\gamma = 120 \text{ lb/ft}^3$
 FRICTION ANGLE, $\phi = 30$
 COHESION, $c = 0 \text{ lb/ft}^2$
 ROCK WAS ENCOUNTERED NEAR ELEVATION 2668.0' DURING THE SUBSURFACE INVESTIGATION.

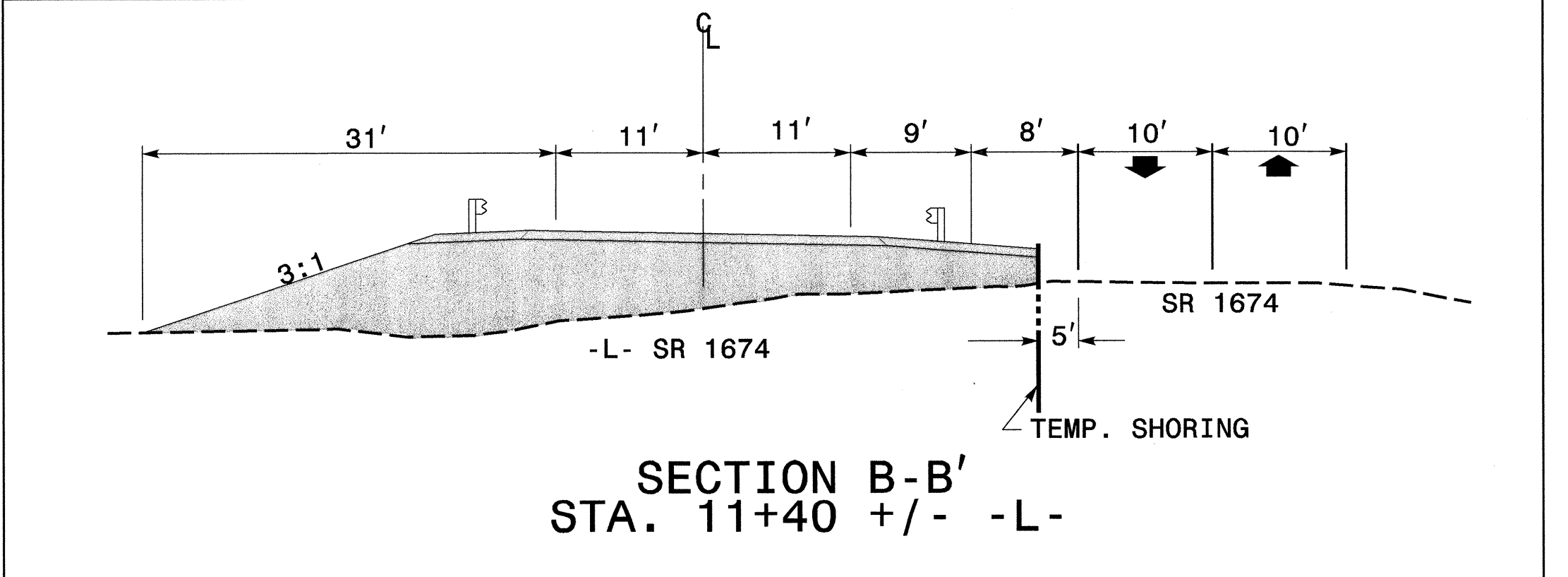
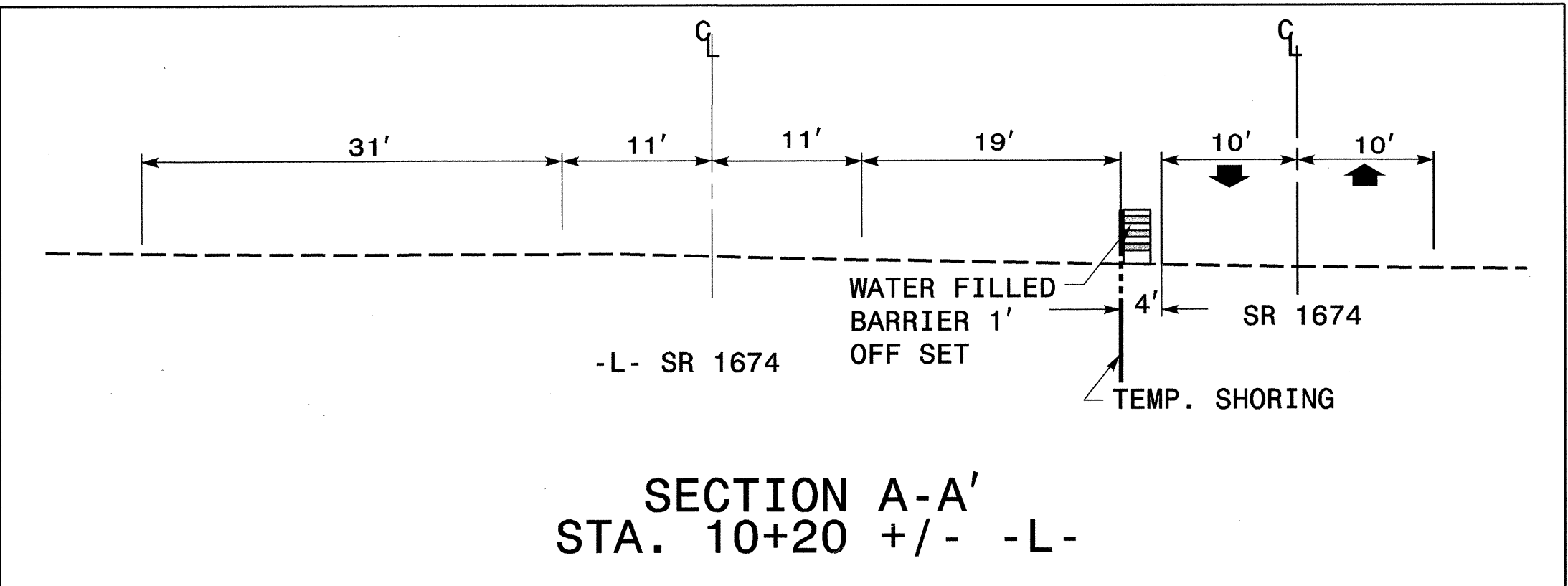
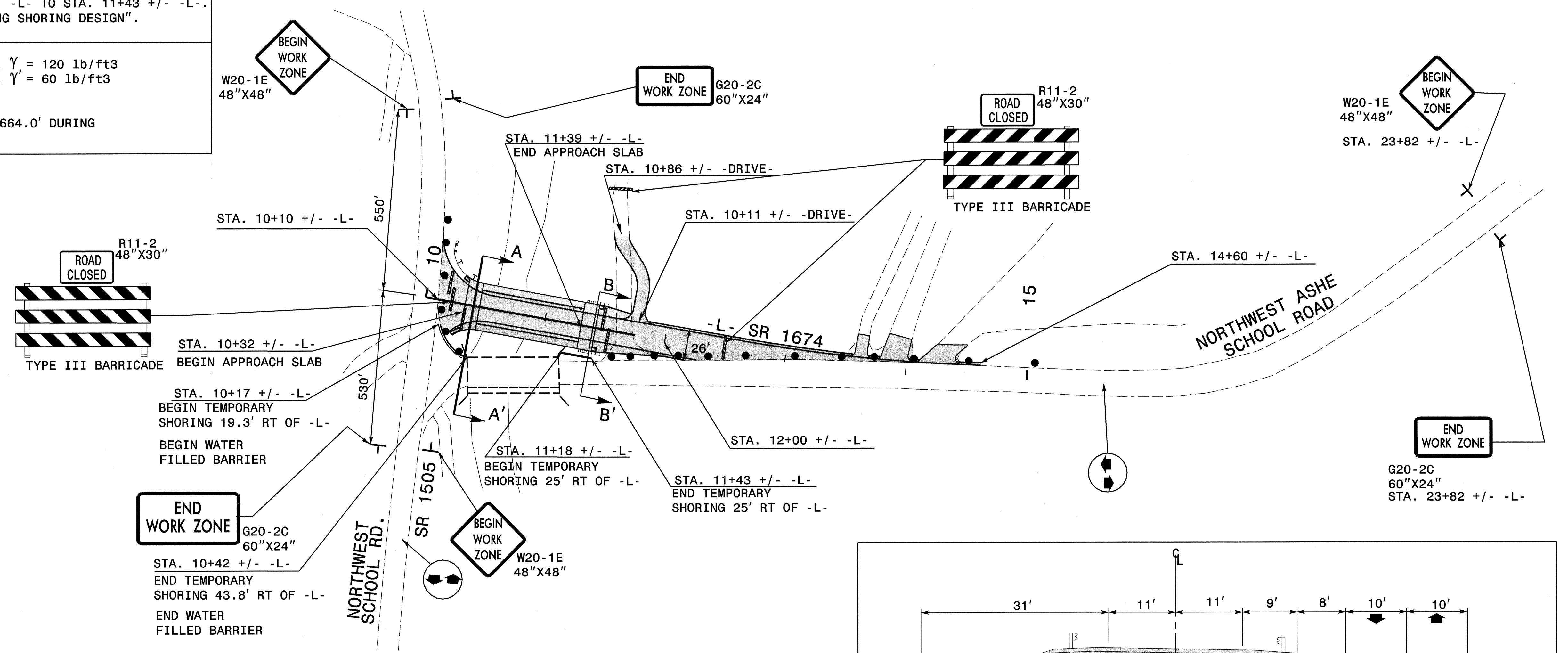
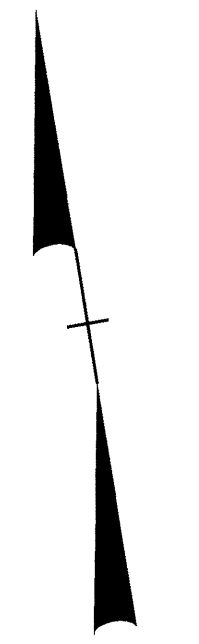
THE FOLLOWING SOIL PARAMETERS WERE FURNISHED BY NCDOT-GEOTECHNICAL UNIT SOILS AND FOUNDATION SECTION. THE FOLLOWING SOIL PARAMETERS SHALL BE USED FOR THE DESIGN OF TEMPORARY SHORING-BARRIER SUPPORTED. "FOR TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, DO NOT USE THE STANDARD SHORING DESIGN FROM STA. 11+18 +/- -L- TO STA. 11+43 +/- -L-. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHORING DESIGN".

UNIT WEIGHT OF SOIL ABOVE ELEV. 2668', $\gamma = 120 \text{ lb/ft}^3$
 UNIT WEIGHT OF SOIL BELOW ELEV. 2668', $\gamma = 60 \text{ lb/ft}^3$
 FRICTION ANGLE, $\phi = 30^\circ$
 COHESION, $c = 0 \text{ lb/ft}^2$
 ROCK WAS ENCOUNTERED NEAR ELEVATION 2664.0' DURING THE SUBSURFACE INVESTIGATION.

PHASE I

- STEP 1: PLACE WORK ZONE ADVANCE WARNING SIGNS ON ALL -L- AND -Y- LINE APPROACHES TO THE PROJECT.
- STEP 2: USING FLAGGERS AND ROADWAY STANDARD DRAWING NO. 1101.02 SHEET 1 OF 7, INSTALL TEMPORARY SHORING BARRIER SUPPORTED FROM STA. 10+17 +/- -L- OFF SET 19.3 FT. RT OF -L- TO STA. 10+42 +/- -L- OFF SET 43.8 FT. RT OF -L- AND TEMPORARY SHORING OFF SET 25' RIGHT OF -L- FROM STA. 11+18 +/- -L- TO STA. 11+43 +/- -L-.
- STEP 3: CONSTRUCT PROPOSED BRIDGE NO. 503 AND PROPOSED APPROACHES, UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA. 10+10 +/- -L- TO STA. 12+00 +/- -L-, AS SHOWN IN THE STRUCTURE AND ROADWAY PLANS. CONSTRUCT PROPOSED DRIVE UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA. 10+11 +/- -L- DRIVE- TO STA. 10+86 +/- -L- DRIVE-, AS SHOWN IN THE ROADWAY PLANS.
- STEP 4: USING FLAGGERS AND ROADWAY STANDARD DRAWING NO. 1101.02 SHEET 1 OF 7, BEGIN CONSTRUCTION OF PROPOSED SR 1674 -L-, UP TO THE EXISTING SR 1674 EDGE OF PAVEMENT ELEVATION FROM STA. 12+00 +/- -L- TO STA. 14+60 +/- -L-, AS SHOWN IN THE ROADWAY PLANS.

PROJ. REFERENCE NO.	SHEET NO.
B-3607	TCP-3



PLANS PREPARED BY :
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 2/16/04

PHASE I	
SCALE: NONE	REVISIONS
DATE: 09-03	02-04
DWG. BY: MAC	
DESIGN BY: MAC	
REVIEWED BY: BKS	
GADD FILE: TCP03.DGN	