TYPE 6A WALL

SYMBOLS:
Ser - service limit state 1
Str - strength limit state 1
Ext - extreme event limit state 1
B' - effective footing width
q' - net bearing stress (kpa) assumed to be FG at toe
q - gross uniform bearing stress (kPa)

NOTES:
1. For details not shown at "6A", see "6B", similarly, for details not shown at "6A", see "6B".
2. Design loading for both Type "6A" and "6B" is as shown at "6A".
3. Type 6 retaining wall shall be limited to use for walls of Design H of 6'-0" or less.
4. Where traffic is adjacent to the top of wall, guard railing should be set back from the top front face of wall at least 4'-0" or 8'-0", dependent on wall type.
5. For reinforced concrete wall stem joint details, see "6B".
6. No splices are allowed on @, @, @ and @ bars.
7. See "Retaining Wall Type 6 Details" sheet for Elevation View and Footing Step Details.

LOAD COMBINATIONS AND LIMIT STATES:
Service Load (ser):
Ser = DC+ EV+ EH+1.75LS
Design Load (Str):
Str = 1.00DC+1.00EV+1.00EH+1.00LS

For reinforced concrete wall stem joint details, see "6B".

DESIGN NOTES:
DESIGN: AASHTO LRFD Bridge Design Specifications, 4th Edition with California Amendments
Building Code Requirements for Masonry Structures (TMS 402-08/ACI 530-08/ASCE 5-08)

EI:
Elevation View and Footing Step Details.

NO SCALE