

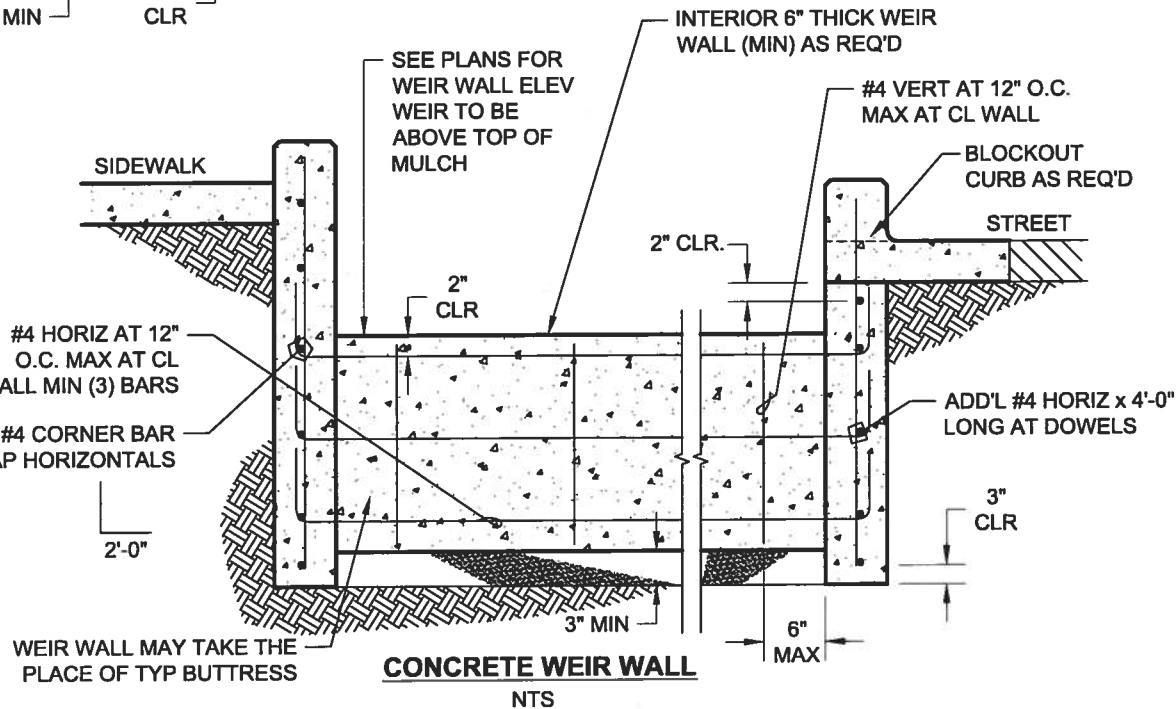
PROVIDE CIP CONCRETE BUTTRESS AT 6'-0" O.C. MAX BETWEEN END WALLS

BUTRESS WALL

NTS

NOTES:

1. Footings per Std. Plan GSI-06d required if buttress is omitted.
2. Foundation subgrade shall consist of undisturbed native soils or compacted structural fill.
3. Retaining wall backfill shall consist of Gravel Backfill for Walls per WSDOT 9-03.12(2).
4. Minimum concrete compressive strength (f_c) shall be 3000 psi.
5. Steel reinforcing shall be A615 Grade 60 (60 ksi minimum yield strength).
6. See Std. Plans GSI-06a, GSI-06b, and GSI-06c for plan and section views.
7. Structural design per this sheet may only be used with Std. Plan GSI-06 series with no modifications.
8. Buttress width to be omitted from area modeled for bioretention area.
9. Provide corner bars shown at all horiz. reinf. in walls and footings. Lap 2'-0" with horiz. reinf. typ.



CONCRETE WEIR WALL

NTS

DCS

PUBLIC WORKS

NA

TACOMA POWER

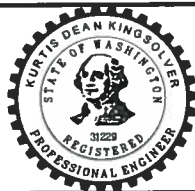
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GMS

ENVIRONMENTAL SERVICES

NA

TACOMA WATER



APPROVED FOR PUBLICATION

[Signature]
CITY ENGINEER

DATE

4/2/16

CITY OF TACOMA
WALLED BIORETENTION
STRUCTURAL BUTTRESS / WEIR

STANDARD PLAN NO.

GSI-06e