1. If a 57" wall is required the reinforcing steel in the drilled shaft connecting wall shall remain in the same position, relative to the top of the wall, as in the 42" wall.

2. Refer to Standard Construction Drawings (SCD) TC-21.10 and TC-21.20 for reinforcement schedules and details.

3. For information regarding the transition sections of the barrier wall, see SCD RM-4.4.

4. For single slope concrete barrier shapes, see SCD RM-4.3.

5. All reinforcing steel shall be epoxy coated, comply with and be placed in accordance with C&W 505.

6. Provide all anchor bolts with standard steel hex nuts, leveling nuts, and plate washers. The nuts shall be capable of developing the full strength of the anchor bolts. Anchor bolts shall be Grade 05. Threads shall be UNC-2B, and may be either rolled or cut, and coarse threaded. The embedded end of the anchor bolt shall be headed or threaded with a hex nut. Anchor bolt material may be smooth steel rod that is threaded at the ends or threaded over its entire length. Hex nuts shall be ASTm A709 Grade 36 or Grade 50. Anchor bolts shall be hot-dip galvanized American Standard heavy hex, Grade DH, with UNC-2B threads. Plate washers shall be A709 Grade 36 or Grade 50. Anchor bolts shall be hot-dip galvanized per ASTM A709. All nuts and plate washers shall be galvanized per C&W 71002.

1. See SCD's TC-21.10 and TC-21.20 for anchor bolt projection length, "P".

Standard Construction Drawings (SCDs) TC-21.10 and TC-21.20:

Foundation Diameter

Permissible
Construction Joint

Hex Nut or
headed anchor bolt with plated washer

4" Raceway
(if required)

See diagrams for vertical bar size and number

Top of
Median

Anchor Bolt

SECTION A, 42" BARRIER

Noted 602, 603, 606, and 603 bars not shown

VERTICAL REBAR

SECTION A, 57" BARRIER

Noted 402, 403, 506, and 603 bars not shown

HEADED ANCHOR
BOLT OPTION

NUTTED ANCHOR
BOLT OPTION

HEADED OR CENTER
MOUNT TYPE

CANTILEVER,
BUTTERFLY

NOTE:

SCD's TC-21.10 and TC-21.20:

HEADED ANCHOR
BOLT OPTION

NUTTED ANCHOR
BOLT OPTION

HEADED OR CENTER
MOUNT TYPE

CANTILEVER,
BUTTERFLY

NOTE:

SCD's TC-21.10 and TC-21.20:

HEADED ANCHOR
BOLT OPTION

NUTTED ANCHOR
BOLT OPTION

HEADED OR CENTER
MOUNT TYPE

CANTILEVER,
BUTTERFLY

NOTE:

SCD's TC-21.10 and TC-21.20:

HEADED ANCHOR
BOLT OPTION

NUTTED ANCHOR
BOLT OPTION

HEADED OR CENTER
MOUNT TYPE

CANTILEVER,
BUTTERFLY

NOTE:

SCD's TC-21.10 and TC-21.20:

HEADED ANCHOR
BOLT OPTION

NUTTED ANCHOR
BOLT OPTION

HEADED OR CENTER
MOUNT TYPE

CANTILEVER,
BUTTERFLY

NOTE:

SCD's TC-21.10 and TC-21.20:

HEADED ANCHOR
BOLT OPTION

NUTTED ANCHOR
BOLT OPTION

HEADED OR CENTER
MOUNT TYPE

CANTILEVER,
BUTTERFLY

NOTE:

SCD's TC-21.10 and TC-21.20:

HEADED ANCHOR
BOLT OPTION

NUTTED ANCHOR
BOLT OPTION

HEADED OR CENTER
MOUNT TYPE

CANTILEVER,
BUTTERFLY

NOTE:

SCD's TC-21.10 and TC-21.20: