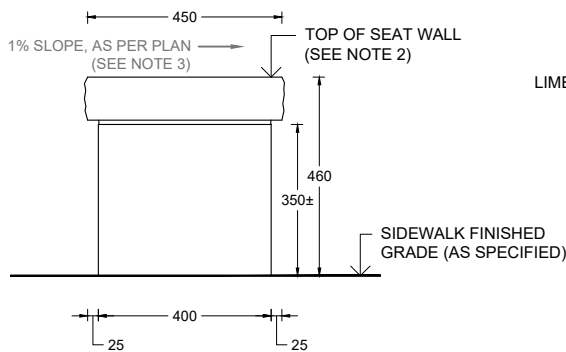
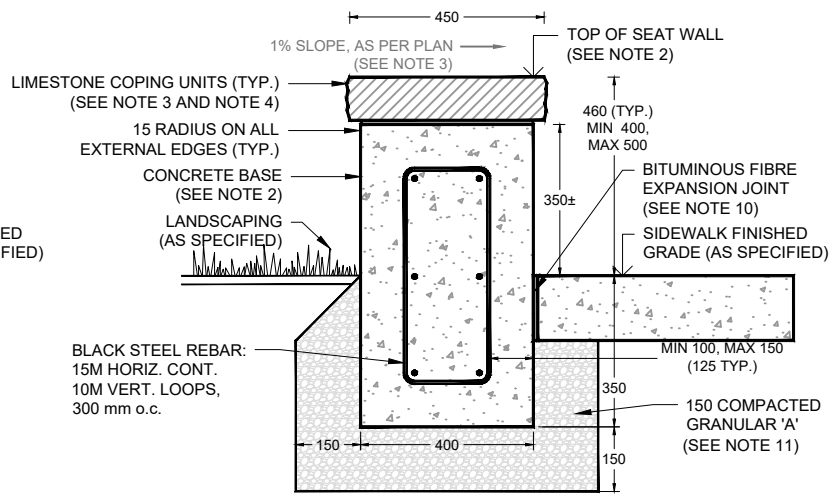


FRONT AND BACK ELEVATION (TYP.)



END ELEVATION (TYP.)



SECTION A-A

NOTES:

1. THE STANDARD DRAWING IS APPLICABLE FOR A TANGENT SEAT WALL SECTION ONLY. THE DESIGNER SHALL PROVIDE APPROPRIATE DESIGN BASED ON SITE SPECIFIC CONDITION AND CONSULTATION OF APPLICABLE STANDARDS AND SPECIFICATIONS.
2. HEIGHT OF SEAT WALL IS INCLUSIVE OF THICKNESS OF COPING MATERIAL (AS SPECIFIED). PREFERRED TOTAL HEIGHT IS 460, AND CAN VARY BETWEEN 400 - 500 BASED ON SITE CONTEXT AND DESIGN. IF NO COPING USED, HEIGHT OF CONCRETE BASE TO BE WITHIN THIS RANGE.
3. LIMESTONE COPING TYPICAL: 100 HIGH x 450 WIDE x LENGTH VARIES (REFER PLAN) AND MAINTAIN DRIP EDGE OF 25, EXTENDED ON ALL SIDES. SMOOTH FINISHED TOP; SPLIT-FACED ENDS; WITH 1% SLOPE ON TOP (REFER PLAN FOR DIRECTION OF SLOPE). COPING SECURED TO CONCRETE BASE USING LIMESTONE MORTAR WITH THICKNESS OF 10.
4. SHOP DRAWINGS AND STONE SAMPLES TO BE PROVIDED FOR APPROVAL. SHOP DRAWINGS TO SHOW FORM TIE HOLE PATTERN, COPING JOINT AND CONSTRUCTION JOINT PATTERN.
5. ALL REINFORCING TO BE BLACK BAR, GRADE 400W STEEL CONFORMING TO CSA STANDARD G30.18 AND HAVE A MINIMUM 100 CONCRETE COVER. REFER TO ENGINEER FOR REINFORCING.
6. ALL EXPOSED SURFACES TO HAVE A SMOOTH FLOAT FINISH AND THEN TREATED WITH A MEDIUM SANDBLAST, OR AS APPROVED.
7. CONCRETE SHALL BE 32 MPa, MAX 0.45 W/CM, CLASS C-2, 5-8% AIR ENTRAINMENT.
8. GRAFFITI-SHIELD ST WB COATING (OR APPROVED EQUAL) TO BE APPLIED TO ALL EXPOSED SURFACES, AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
9. LENGTH LOCATIONS OF JOINTS MAY VARY AND SHALL BE CONFIRMED BY ENGINEER.
10. EXPANSION JOINT TO BE INCLUDED WHEREVER CONCRETE SEAT WALL ABUTS RIGID SURFACE
11. WALLS AND 150 THICK COMPACTED GRANULAR 'A' SHALL BE FOUNDED ON UNDISTURBED SOIL HAVING A MINIMUM BEARING CAPACITY AT ULTIMATE LIMIT STATES 75kPa, OR AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION.

All dimensions are in millimetres unless otherwise shown.



ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING

REV 0

SEP 2023

CONCRETE SEAT WALL WITH STONE COPING

T-603.046

NTS

SHEET 1