



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. PLAN AND SECTION A-A INDICATE TYPICAL OUTLET IN-LINE WITH TRIPLE GRATING INSTALLATION AND ASSOCIATED CHAMBERS. DETAIL CAN BE MODIFIED FOR TWIN AND SINGLE GRATING INSTALLATION OR FOR OFF-LINE OUTLETS TO TRAPEZOIDAL OR TRIANGULAR S.W. CHANNEL. ASSOCIATED DRAINS AND PIPEWORK SHALL BE AS DETAILED ON THE DRAWINGS AND SCHEDULES. APRON SLAB ON PLAN AND SECTION B-B SHOWN TO SUIT VERGE INSTALLATION. SLAB WIDTH AND PROFILE DIFFERS WHEN USED IN CENTRAL RESERVE LOCATION.
3. CHAMBER GRATINGS AS SPECIFIED IN CHAMBER SCHEDULE TO SUIT CROSS-SECTION OF APRON. GRATING FRAMES TO BE BEDDED ON MORTAR AND SECURELY FIXED TO REBATES FORMED IN CONCRETE APRON BY APPROVED MECHANICAL MEANS. FRAME TO BE OTHERWISE BEDDED ON EPOXY RESIN MORTAR.
4. MAIN CHAMBER BENEATH APRON SLAB TO BE AS RCD/500/9 (1050 CATCHPIT).
5. A TRANSVERSE JOINT SHALL BE FORMED AT EACH END OF THE APRON SLAB IN ACCORDANCE WITH MCDRW, CLAUSE 1009. TRANSVERSE JOINTS SHALL NOT BE PERMITTED WITHIN THE APRON SLAB. NO JOINTS SHALL BE PERMITTED WITHIN ADJACENT LENGTHS OF CONCRETE PAVEMENT SLABS. NECESSARY JOINTS IN SUCH SLABS SHALL BE SPACED ACCORDINGLY.
6. APRON SLAB AND ASSOCIATED DIMENSION H TO BE DESIGNED TO WITHSTAND THE ACCIDENTAL WHEEL LOADING DEFINED IN BD 37. CONCRETE TO APRON SLAB SHALL COMPLY WITH MCDRW, CLAUSE 1103. PLAIN CONCRETE SHALL BE A DESIGNED CONCRETE, STRENGTH CLASS C 28/35 TO IS EN 206-1. REINFORCED CONCRETE SHALL BE STRENGTH CLASS C 32/40 TO MCDRW, CLAUSE 1001.
7. TRANSITION/TERMINAL RAMP TO BE FORMED AS AN INTEGRAL PART OF THE APRON SLAB.
8. OVER-EXCAVATION FOR MAIN CHAMBER BENEATH SUBSIDIARY CHAMBERS TO BE BACKFILLED WITH ST1 CONCRETE TO MCDRW, CLAUSE 2602.

NOT TO SCALE