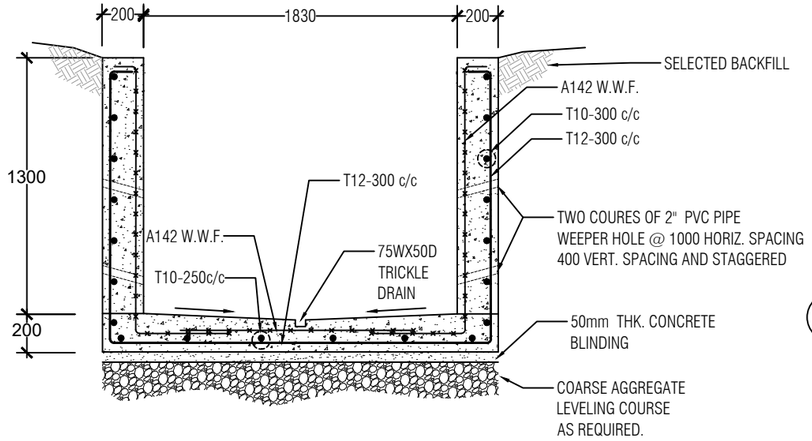
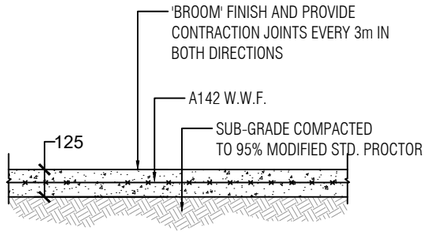


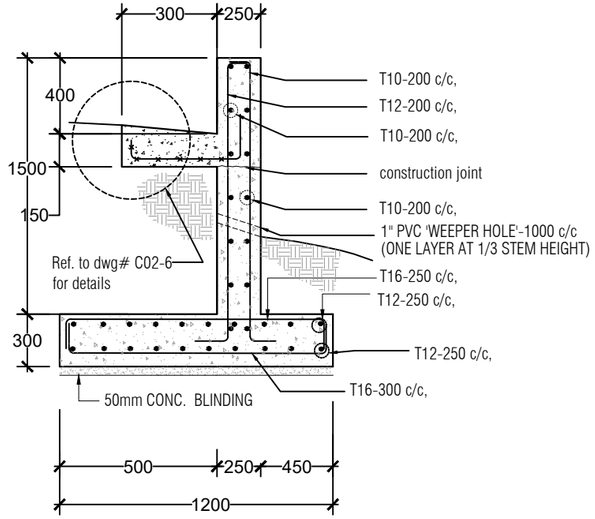
1 1830W X 1300D OPEN R.C. BOX DRAIN

SCALE: N.T.S.



3 TYP. CONCRETE SLAB-ON-GRADE

SCALE: N.T.S.



5 TYP. RETAINING WALL DETAILS

SCALE: N.T.S.

NOTES

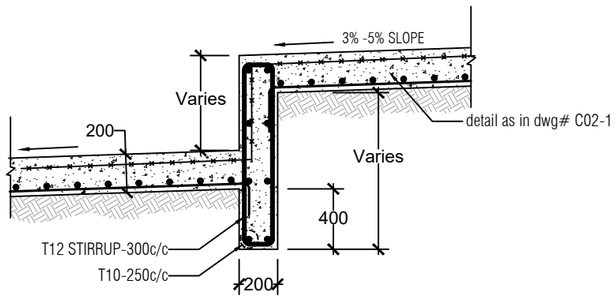
1. DO NOT SCALE THESE DRAWINGS
2. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. EARTH BEARING CAPACITIES ASSUMED TO BE 200 N/mm2 OR GREATER. THE ENGINEER SHALL ORDER TESTS WHERE REQUIRED.
4. THE ENGINEER SHALL VERIFY THE LIMIT OF EXCAVATION AND THE DEPTH OF EXCAVATION
5. CONCRETE STRENGTHS SHALL BE USED ACCORDING TO THE FOLLOWING APPLICATIONS (u.n.0) AND IN ACCORDANCE WITH ASTM C39

LOCATION	28-DAY CYLINDER STRENGTH (MPa)
Drainage	21 MPa (N/mm2)
Footings, Slab-on-grade Foundation walls	25 MPa (N/mm2)
Structural slabs,beams columns, retaining walls	30 MPa (N/mm2)
Toppings on metal decks	25 MPa (N/mm2)
Water retaining structures	35 MPa (N/mm2)

6. REINFORCEMENT SHALL CONFORM TO ASTM 615, GRADE 60 HOT OR COLD WORKED TYPE '2' FOR DEFORMED HIGH YIELD BARS DENOTED BY 'T' AND GRADE 40, FOR HOT ROLLED PLAIN BARS DENOTED BY 'R'.
7. ALL NOMINAL CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS (U.N.O.):

   Ground Beams, footings, structures or parts thereof in direct contact with the soil and/ water- 75mm (3")
   Walls and slabs- 50mm (2")
   CFD metal deck slab: BRC/WWF- 25mm (1")
   MAIN REBAR- 37mm (1.5")

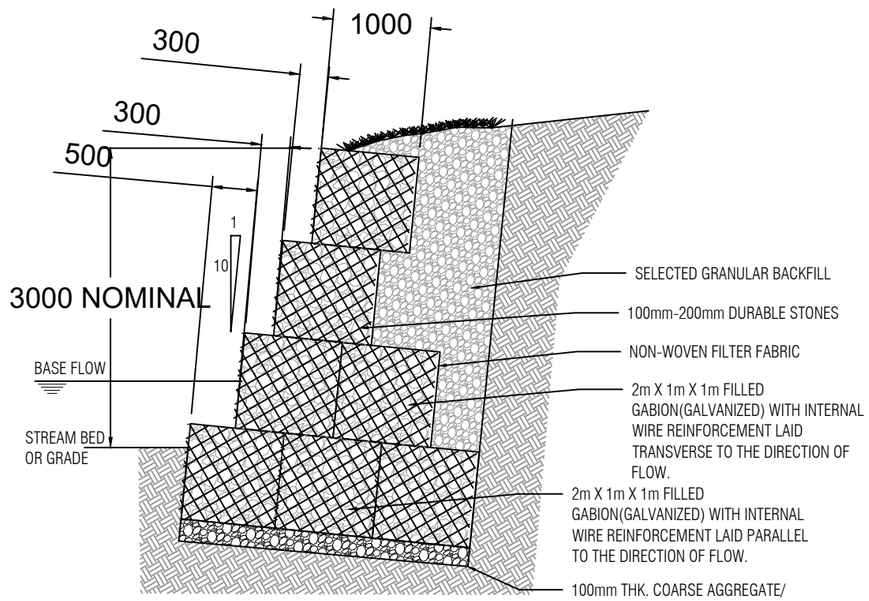
8. ALL BITUMINOUS SURFACE (WEARING) COURSES SHALL BE PENETRATION GRADE 60/70 BITUMEN & LAKE ASPHALT BLEND U.N.O.
9. FOR REBARS LAP LENGTHS SHALL BE MIN. 40 x BAR DIAMETER.
   FOR WELDED WIRE MESH, LAP LENGTHS SHALL BE NO LESS THAN 300mm,
10. ALL EARTH COMPACTION SHALL BE TO 95% STD. MODIFIED PROCTOR U.N.O.



2 TYP. STEP DRAIN DETAIL

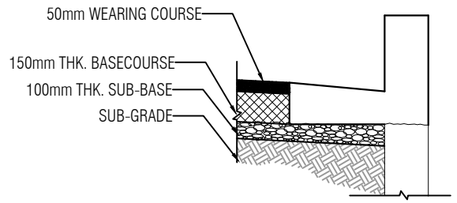
SCALE: N.T.S.

NOTE:
Provide 50mm cover to rebars at drops.



4 TYPE B GABION BASKET WALL

SCALE: N.T.S.



6 TYP. ROAD STRUCTURAL DETAILS

SCALE: N.T.S.

FOR TENDER

NO.		REVISION	INITIALS

GABION BASKETS AT FRIENDSFIELD

PROJECT CODE:	DIQUD-2022-BTB-012
DISTRICT:	BAGATELLE-BACOLET
DWG. TITLE:	DETAILS

TOBAGO HOUSE OF ASSEMBLY
DIVISION OF INFRASTRUCTURE QUARRIES AND URBAN DEVELOPMENT
2-10 OLD GOVERNMENT FARM ROAD
SHAW PARK,
SCARBOROUGH,
TOBAGO.

DESIGNED:	DIQUD
DRAWN:	DIQUD
CHECKED:	DIQUD
DATE:	JUNE 2022
SCALE:	NTS
DWG. NO.:	C02