SECTION A-A
scale 1:5

VIEW X
scale 1:5

PLAN
scale 1:5

UPPER BEARING FIXING BOLT LOCATION
4 No. 16Ø x 150 long bolts set into concrete with 30 thread protruding (alternatively 16Ø cast in sockets)

REQUIRED ACCESSORIES FOR ONE SET OF DOORS

1. BRACKETS
a) UPPER - 2 NOS.
b) LOWER - 2 NOS.
2. PINTEL
a) UPPER - 2 NOS.
b) LOWER - 2 NOS
3. BEARING (LOWER) - 2 NOS.
4. TRUBOLTS M16 - 16 NOS.
5. ADJUSTING BOLTS M16 (WITH LOCK-NUTS) - 6 NOS.
6. SHIMS (ASSORTED SIZES SHOWN IN DETAIL DRAWING SD 44 - 2 NOS.

ELEVATION
scale 1:5

PLAN
scale 1:5

SECTION A-A
scale 1:5

DETAIL OF STAINLESS STEEL FERRULES WITH THREADED DEPTH
scale 1:5

PLAN
UPPER PINTLE DETAIL
scale 1:5

NOTES
1)ALL MEASUREMENTS ARE IN MILLIMETERS.
2) UPPER BEARING (EXCEPT BOLTS) SHALL BE WELDED CONSTRUCTION FROM STRUCTURAL STEEL GRADE 250.
3) BOLTS AND NUTS SHALL BE HARD BRONZE, MARINE GRADE 16mmØ. BOLTS SHALL BE THREADED 75mm UNDER HEAD (FULLY THREADED).
4) UPPER PINTLE SHALL BE MACHINED AND FABRICATED FROM STAINLESS STEEL.
5) UPPER BEARING TREATMENT
- GRIT BLASTING
- PAINT SPRAYING OF ONE COAT TRANSPOXY PRIMER 1.16
- AFTER DRY, ONE COAT OF TRANSPOXY HB INTERMEDIATE 2.19 UNDERCOAT
- AFTER DRY, TWO COATS OF TRANSPOXY TAR AA 2.2
- MIXING OF PAINTS IS PROHIBITED.

REFERENCE
N/D/LB 1173 DOUBLE BARREL TIDE GATE STRUCTURE
N/D/LB 1171 STEEL DOOR LOWER BEARING
N/D/LB 1172 STEEL DOOR UPPER BEARING

VARIATIONS	NAMES	DATE

DRAWN V.ALIFERETI	DATE OCTOBER 2020
DESIGNED KHIN MAUNG CHO	CHECKED
SENIOR DRAFTSPERSON	
SENIOR DESIGN ENGINEER	
PRINCIPAL ENGINEER KHIN MAUNG CHO	
SCALE 1:5	

MINISTRY OF WATERWAYS & ENVIRONMENT
DEPARTMENT OF WATERWAYS
318 TOORAK ROAD
LEVEL 3 BALI TOWER
PO BOX 1292
SUVA

PROJECT
SOASOA DRAINAGE SCHEME

DRAWING TITLE
FIXING DETAILS FOR STEEL DOOR UPPER BEARING

SHEET 1 OF 1 SHEET	DRAWING NUMBER N/D/LB 1172