DETAIL I
PLAN - TOP HINGE BRACKET

DETAIL I
ELEVATION TOP HINGE BRACKET

PLAN
DETAIL II - BOTTOM HINGE BRACKET DETAIL

ELEVATION

NOTES
1)ALL FULL WELDED CONSTRUCTION FOR MILD STEEL.
2) DOORS MUST BE PLANE ALONG BOTH SKIN PLATES AND ALL FRAME CORNERS TRUE 90°
3) STEEL SURFACE FINISH 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.
5) AN ALTERNATIVE TO THE ABOVE TREATMENTS WILL ONLY BE ACCEPTED AFTER WRITTEN PERMISSION IS OBTAINED FROM THE ENGINEER
6) ONE DOOR IS ONLY SHOWN - BOTH DOORS SYMMETRICAL
7) WHERE 200X75X20 STEEL PLATE TOUCH TO THE CONCRETE WALL. GIVE RUBBER STOP TO CONCRETE
8) 7 ϕ9 HOLES 225C/C
NUMBER OF HOLES DIAMETRE OF HOLE DISTANCE BETWEEN CENTRE
9) IN THE CORNERS FIRST FERRULES ON A DISTANCE OF 100mm FROM THE EDGE OF THE DOOR
NB ALL FERRULES BOLTS AND WASHERS SHALL BE SUPPLIED
10) CONTRACTOR MUST ASCERTAIN ALL DIMENSIONS AND LOCATION OF THE STRUCTURE BEFORE ANY CONSTRUCTION

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 1:10	

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

PROJECT
SOASOA DRAINAGE SCHEME

DRAWING TITLE
1. DETAILS OF STANDARD STEEL DOOR FOR CAST IN SITU OUTFALL STRUCTURE

SHEET 2 OF 3 SHEETS	DRAWING NUMBER N/D/LB 1170