ITEMS	MEMBER	NO.	WEIGHT (mkg)	TOTAL WEIGHT (kg)
1	610x50x10 MS STRIP	20	3.93	47.95
2	190x50x10 STRIP SUPPORT	180	3.93	134.41
3	2650x50x10 STRIP WELDED TO 2 & 5	180	3.93	1874.6
4	610x50x50x10 MS ANGLE WELDED TO 5	20	7.85	95.75
5	200x50x10 STRIP SUPPORT	180	3.93	141.5
6	108.5x40x5 STRIP WELDED TO 3	40	1.57	6.90
7	610x50x10 MS STRIP WELDED TO 3	20	3.93	47.95

NOTES

1) A FULL WELDED CONSTRUCTION FROM STRUCTURAL STEEL GRADE 250.

2)ALL JOINTS SHALL BE WELDED AND EXCEPT WHERE OTHERWISE STATED ALL WELDS TO BE 5mm CONTINUOUS FILLET MAY SUFFICE.

BEAD WELD
FILLET WELD
WELD ALL AROUND

3) PROTECTIVE 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.

4) ALL STEEL 50X10 EXCEPT WHERE MARKED.

5) 8 NO. 16ϕ X 200mm LONG BOLTS TO BE CAST IN CONCRETE FOR RACK FIXING. THREAD TO PROTRUDE 30 FROM CONCRETE (ALTERNATIVELY 16ϕ CAST IN SOCKETS)

6) CUT-OUTS IN OUTER PANELS NOT REQUIRED IF IN-SITU OUTFALL CONSTRUCTED.

REFERENCE

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 1:20 / 1:10	

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

PROJECT

SOASOA DRAINAGE SCHEME

DRAWING TITLE

TRASH RACK FOR OUTFALL STRUCTURE - 5 BARREL TRASH RACK STRUCTURE

SHEET 1 OF 1 SHEETS	DRAWING NUMBER N/D/LB 1175