

MATERIAL TAKE OFF (MTO)

: ATTAKA - OSCAR PLATFORM : 2258104 : A

Job No. Rev.

BOAT LANDING EL.(+) 8'-8 1/16" & 14'-0 9/16" GRATING GRATING Galv. 60,00 1 60,00 Sq.Ft 7,30 4.	No.	Description	Material Spec.	T (L/A/V)	Qty.	Total (L/A/V)	Unit	Unit Weight (Lbs/ft)	Weight (Lbs)
1. 1" X 3/16" THK. SER. BAR. GRATING Galv. 60,00 1 60,00 Sq.Ft 7,30 4 2. 1" X 3/16" THK. SER. BAR. GRATING Galv. 46,07 1 46,07 Sq.Ft 7,30 3 SOCKET HAND RAIL 3. 2.375" Ø X 0.154" WT. API 5L Grade.B 0,67 12 8,00 Ft 3,65 ACCESS STAIR CHANNEL 4. C. 10X15.3 ASTM A36 2,01 2 4,02 Ft 15,30 5 C. 10X15.3 ASTM A36 1,68 2 3,35 Ft 15,30 6 C. 10X15.3 ASTM A36 1,59 2 3,19 Ft 15,30 ANGLE		BOAT LANDING EL.(+) 8'-8 1/16" & 14'-0 9/16"							
2. 1' X 3/16' THK. SER. BAR. GRATING Galv. 46,07 1 46,07 Sq.Ft 7,30 3 SOCKET HAND RAIL 3. 2.375'Ø X 0.154' WT. API 5L Grade.B 0,67 12 8,00 Ft 3,65 ACCESS STAIR CHANNEL 4. C. 10X15.3 ASTM A36 2,01 2 4,02 Ft 15,30 5. C. 10X15.3 ASTM A36 1,68 2 3,35 Ft 15,30 6. C. 10X15.3 ASTM A36 1,59 2 3,19 Ft 15,30 ANGLE		GRATING							
2. 1" X 3/16" THK. SER. BAR. GRATING Galv. 46,07 1 46,07 Sq.Ft 7,30 SOCKET HAND RAIL 3. 2.375" Ø X 0.154" WT. API 5L Grade. B 0,67 12 8,00 Ft 3,65 ACCESS STAIR CHANNEL 4. C. 10X15.3 ASTM A36 2,01 2 4,02 Ft 15,30 5. C. 10X15.3 ASTM A36 1,68 2 3,35 Ft 15,30 6. C. 10X15.3 ASTM A36 1,59 2 3,19 Ft 15,30 ANGLE	1.	1" X 3/16" THK. SER. BAR. GRATING	Galv.	60,00	1	60,00	Sq.Ft	7.30	438
3. 2.375"Ø x 0.154" WT. API 5L Grade.B 0,67 12 8,00 Ft 3,65 ACCESS STAIR CHANNEL 4. C. 10X15.3 ASTM A36 2,01 2 4,02 Ft 15,30 5. C. 10X15.3 ASTM A36 1,68 2 3,35 Ft 15,30 6. C. 10X15.3 ASTM A36 1,59 2 3,19 Ft 15,30 ANGLE	2.	1" X 3/16" THK. SER. BAR. GRATING	Galv.	46,07	1		-		336
ACCESS STAIR CHANNEL 4. C. 10X15.3 ASTM A36 C. 10X15.3 ASTM A36 C. 10X15.3 ASTM A36 ASTM		SOCKET HAND RAIL							
CHANNEL 4. C. 10X15.3	3.	2.375"Ø X 0.154" WT.	API 5L Grade.B	0,67	12	8,00	Ft	3,65	29
4. C. 10X15.3 ASTM A36 2,01 2 4,02 Ft 15,30 5. C. 10X15.3 ASTM A36 1,68 2 3,35 Ft 15,30 6. C. 10X15.3 ASTM A36 1,59 2 3,19 Ft 15,30 ANGLE		ACCESS STAIR							
5. C. 10X15.3 ASTM A36 1,68 2 3,35 Ft 15,30 6. C. 10X15.3 ASTM A36 1,59 2 3,19 Ft 15,30 ANGLE		CHANNEL							
5. C. 10X15.3 ASTM A36 1,68 2 3,35 Ft 15,30 6. C. 10X15.3 ASTM A36 1,59 2 3,19 Ft 15,30 ANGLE	4.	C. 10X15.3	ASTM A36	2,01	2	4,02	Ft	15.30	62
6. C. 10X15.3 ASTM A36 1,59 2 3,19 Ft 15,30 ANGLE	5.	C. 10X15.3	ASTM A36	1,68	2		Ft		51
	6.	C. 10X15.3	ASTM A36		2	-	Ft		49
		ANGLE							
7. L. 2X2X 1/4"THK. ASTM A36 0,93 2 1,85 Ft 1,65	7.	L. 2X2X 1/4 THK.	ASTM A36	0,93	2	1,85	Ft	1,65	3
GRATING		GRATING							
8. 1" X 3/16" THK. SER. BAR. GRATING Galv. 4,75 1 4,75 Sq.Ft 7,30	8.	1" X 3/16" THK. SER. BAR. GRATING	Galv.	4,75	1	4.75	Sa.Ft	7.30	35
0 4" V 2/4/" TIW CED DID COLTUG	9.	1" X 3/16" THK. SER. BAR. GRATING	Galv.		1				44
10 4" V 2/4/" THE SEP DID SPITING	10.	1" X 3/16" THK. SER. BAR. GRATING	Galv.		1	1000		20.00	17



SUMMARY MATERIAL TAKE OFF (MTO)

Reference

Tittle : ATTAKA - OSCAR PLATFORM

Job No. : 2258104

Rev. : A

No.	Description		Total	Total Required			
NO.	Description	Material Spec.	(L/A/V)	QTY	UNIT		
PIPE							
01.	2.375"Ø X 0.154" WT.	API 5L Grade.B	8,00	1,00	LENGTH		
BEAA	٨						
02.	C. 10X15.3	ASTM A36	10,56	1,00	LENGTH		
MISS	CELLANEOUS						
03.	L. 2X2X 1/4"THK.	ASTM A36	1,85	1,00	LENGTH		
04.	1" X 3/16" THK. SER. BAR. GRATING	Galv.	119,11	3,00	SHEET		

Notes:

L : Length (Ft) A : Area (SqFt)

V : Volume (CuFt)

COVER SHEET JDE.WO 2258104 ATTAKA "O" PLATFORM REFURBISHMENT CAMPAIGN STRUCTURE

BACHMAT KANNAYAN



ATTAKA"OSCAR" PLATFORM

NO. DRAWING NO.		REV.	TITLE	REMARKS		
1	_	=	COVER SHEET JDE.WO 2258104 -ATTAKA "O" PLATFORM - REFURBISH CAMPIAGN -STRUCTURE			
2	ATT-OP-1064	-	ATTAKA "O" PLATFORM - STRUCTURE DRAWING INDEX			
3	ATT-OP-1064 10F2	Α	ATTAKA "O" PLATFROM - BOAT LANDING - GRATING PLAN	DEMOLISH		
4	ATT-0P-1064 20F2	Α	ATTAKA "O" PLATFROM — BOAT LANDING — GRATING PLAN AND DETAIL	SCOPE OF WORK		
5	ATT-0P-1166 10F4	A	ATTAKA "O" PLATFORM — BOAT LANDING — ACCES STAIR WAY	DEMOLISH		
6	ATT-0P-1166 20F4	Α	ATTAKA "O" PLATFORM — BOAT LANDING — ACCES STAIR WAY AND LADDER DETAIL	SCOPE OF WORK		

RACHMAT KURNIAWAN



													BALIKPAPAN-EAST KALIMANTAN
NOTES :		D	DRAWING NO.	REFERENCE DRAWINGS	REV DATE	BY CHKD APPD	REVISION		SIGNED	DATE	TITLE	ΔΤΤΔ	(A "O" PLATFORM
								DRAW BY	RS	12.03.12			RAWING INDEX
								CHECKED BY	DN			-	STRUCTURE
								APPROVED BY	RK		SCALE	JOB NO.	DRAWING NO.
								APPROVED BY			-	2258104	ATT-OP-1064
4	2	0		4	M	-	6			~			CAD REF .







