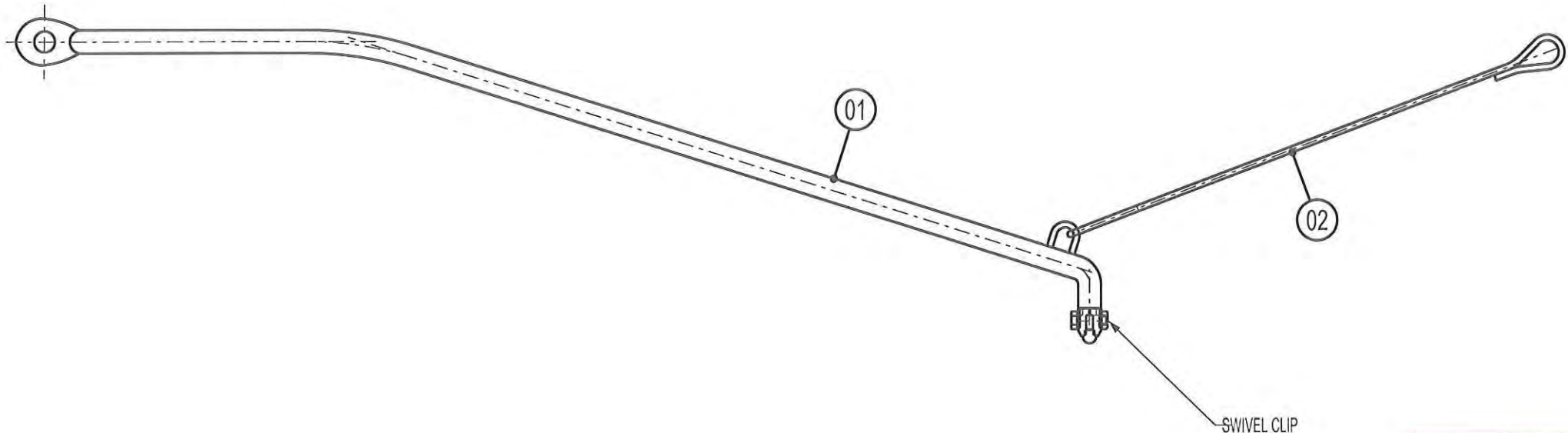


H500110-3-133-E-DE-0045-01-0-JV
DRAWING NUMBER

DO NOT SCALE - IF IN DOUBT, ASK

NOTES
1) ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED.



ITEM	DRAWING No.	DESCRIPTION	No.
1	H500110-3-133-E-DE-0051	STEADY ARM	1
2	H500110-3-133-E-DE-0053	NOSE DROPPER ASSEMBLY	1

NOTES:

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
0	FOR CONSTRUCTION	R.L.	D.W.	A.D.W.	21/08/09
B	FOR REVIEW	R.L.	D.W.	A.D.W.	05/01/09
A	FOR REVIEW	R.L.	D.W.	A.D.W.	17/07/08
REVISIONS / ISSUE AUTHORIZATION					
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EPCM CONSULTANT: HMGJV				
TITLE	NAME	SIGNATURE	DATE	
LEAD DES. ENG.	J. STRYDOM		21 08 09	
ENG. COORD.	N. WELCH		21 08 09	
ENG. MANAGER	T. SOUTHWOOD		21 08 09	
AREA MANAGER				
PROJECT MGR.				
CLIENT APPROVAL: TRANSNET FREIGHT RAIL				
TITLE	NAME	SIGNATURE	DATE	
SEN. ENG. (ELEC & SIG)	T. EMERAN		21 08 09	
SEN. TECHNOLOGIST (ELEC)	M. MLONZI		21 08 09	

ORIGINATOR: TP DESIGN				
TITLE	NAME	SIGNATURE	DATE	
DRAWN	R. LEATHER		21 08 09	
CHECKED	D. WILLCOCK		21 08 09	
ENG. COORD.				
DISCIP. ENG.				
ENG. MANAGER				
AREA MANAGER				
SIGNAL ENG.				
PR. ENG. / PR. TECH.				
NAME	ANDRIES DE WET		DATE	
SIGNATURE			21 08 09	
REG. NUMBER	9070204			
SCALE	NTS			

ORE LINE RAIL EXPANSION PROJECT PHASE 1A

SISHEN SALDANHA RAILWAY LINE (TFR)
Ohte Catenary System
STEADY ARM WITH NOSE DROPPER
DRAWING DETAIL

PROJECT NUMBER	DV	FBS	DIS	TYPE	DRG. NO.	SHT.	REV.	ID
H500110-3-133-E-DE-0045-01-0-JV								