

NOTES:

1. Installation must be compliant with SANS 10142-1 Latest Edition
2. All Wireways to SSO's, Isolators, Light Switches and Luminaires must be surface run 20mmØ Bosal from closest Cable Tray or Cable Ladder.
3. All Wireways to Fire-Detection Equipment must be surface run 25mmØ Bosal.
4. All SSO's, Isolators and Light Switches and Draw-Boxes for Fire-Detection Equipment must be Surface Mounted against Steelworks.
5. AFFL1 - Above Finished Floor Level 1
6. AFFL2- Above Finished Floor Level 2
7. All mounting heights measured to top of drawbox.
8. Exact Positioning of Wireways, SSO's, Isolators, Light Switches and Luminaires shall be determined on-site and must be approved by the Consulting Engineer.
9. All conduiting and other wireways against walls must be run vertical & horizontal and not skew across.
10. All conduiting and wireways against the walkways or roof steelworks must be run square to walls, floors & ceiling in the horizontal plane and not skew across.
11. Adequate amount of u-bolt saddles must be used to fix Bosal conduiting to ensure straight alignment and minimum movement.
12. Dimensions not shown on this drawing must be determined on site after measurement of actual structure dimensions and positions of equipment inside.
13. Position of the incomer cables shall be determined on site and approved by the Consulting Engineer.

SYMBOL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	SWITCHED SOCKET OUTLET: CRABTREE CLASSIC INDUSTRIAL DUO 16A ORANGE SOCKET ON 119x83 GALVANIZED SURFACE DRAWBOX	800 AFFL1
	ISOLATOR SWITCH: CRABTREE CLASSIC INDUSTRIAL 30A TP ORANGE ON 119x83 GALVANIZED SURFACE DRAWBOX	POSITIONED TO BE DETERMINED ON SITE
	FIRE DETECTION SENSORS: EDWARDS SIGNATURE OPTICA SMOKE & HEAT DETECTORS ON 50mm Ø GALVANIZED SURFACE DRAWBOX	AGAINST BOTTOM OF WALKWAY AND CEILING STEELWORKS
	VAPOUR PROOF LIGHT FITTING (LED): EAGLE LIGHTING 1.5m 48W 4000K LUMINAIRE PRODUCT CODE: GTL526	AGAINST BOTTOM OF WALKWAY STEELWORKS
	1-LEVER, 2-WAY LIGHT SWITCH: CRABTREE INDUSTRIAL 1-LEVER 2-WAY ORANGE ON 75x75 GALVANIZED SURFACE DRAWBOX PRODUCT CODE: 7370/002	1300 AFFL2
	SUB DISTRIBUTION BOARD SDB-SCREEN: MANUFACTURED BY REPUTABLE MANUFACTURER. SEE SDB-SCREEN SLD	SANS 10142-1 TOP OF DB 1.8m AFFL1
	CABLE TRAY TO CARRY CABLES AND CONDUIT: CABSTRUT (CS) HCT CT76, WIDTHS AS SHOWN, INCLUDING ALL, HANGERS, SUPPORTS AND FIXING HARDWARE	MOUNTED HORIZONTAL OR VERTICAL AGAINST STEELWORKS AS SHOWN
	CABLE LADDER TO CARRY INCOMER CABLES: CABSTRUT (CS) HCT CL76, 100mm WIDE, INCLUDING ALL FIXING HARDWARE	MOUNTED VERTICALLY AGAINST BACK-WALL STEELWORKS- FROM FFL1 TO BOTTOM OF SDB-SCREEN

CONSULTING ENGINEER	 		DRAWING SET KEY		T	TENDER	AH	JV	KV	12/12/2024	
					01	SYMBOLS, LEGENDS & NOTES	REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH
CLIENT	 CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD		02	POWER & LIGHTING LAYOUT – PLAN VIEW	SCALE – N/A		CAPE TOWN DHL STADIUM PROPOSED NEW OUTDOOR VIDEO DISPLAY SCREENS SYMBOLS, LEGENDS & NOTES				
			03	POWER & LIGHTING LAYOUT – SECTION THROUGH SCREEN	AUTH: K VELDSMAN						
			04	FIRE DETECTION LAYOUT – PLAN VIEW	DATE: 12/12/2024						
			05	FIRE DETECTION LAYOUT – SECTION THROUGH SCREEN	CHKD: J VILJOEN						
			06	SDB SCREEN SLD	DATE: 12/12/2024						
			SHEET NO.	REFERENCE DWG. eim.2024.28.30	Eimac(Pty)Ltd Drawing Number	SET					
DESIGN APP: K VELDSMAN Pr Eng 880465 DATE: 12/12/2024	SIGNATURE	THIS DRAWING IS THE PROPERTY OF EIMAC(Pty)Ltd	DRAWN: A HUMAN DATE: 12/12/2024	eim.2024.28.30	06	01	T				

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