

LEGEND:

L1	26W LED 600x600 TBAR RECESSED LIGHT FITTING, 4000K, NON-DIMMABLE. TYPE: LPA 'INDUS II PANEL' LPA-INDS2-26W (CR80)
D1	13W LED DOWNLIGHT, WHITE TRIM, 4000K, IP44, NON-DIMMABLE, 90 DEG BEAM ANGLE, RECESSED IN CEILING. TYPE: LPA 'HALO 3'. LPA-DR-HAL3-13-840-D90
D2	25W LED DOWNLIGHT, WHITE TRIM, 4000K, IP66, NON-DIMMABLE, 90 DEG BEAM ANGLE, RECESSED IN CEILING. TYPE: LPA 'HALO 8'. LPA-DR-HAL8-25-840-D90
D3	35W LED DOWNLIGHT, WHITE TRIM, 4000K, IP44, NON-DIMMABLE, 90 DEG BEAM ANGLE, RECESSED IN CEILING. TYPE: LPA 'HALO 8'. LPA-DR-HAL8-35-840-D90
P1	29W/12M LED LINEAR PENDANT LIGHT, 4000K, STANDARD SILVER. LENGTH TO SUIT (CONTINUOUS). TYPE: LPA 'EVA SURFACE LINEAR'. MODEL: LNSM-EV8767-29
P2	24W/12M LED LINEAR PENDANT LIGHT, 4000K, STANDARD SILVER. LENGTH TO SUIT (CONTINUOUS). TYPE: LPA 'EVA SURFACE LINEAR'. MODEL: LNSM-EV8767-24
HB1	200W LED HIGHBAY FITTING, IP65, 5000K, 65 DEG BEAM, SUSPENDED FROM ROOF STRUCTURE. TYPE: LPA 'ALTITUDE URG HIBAY'. LPA-LGH8-200-750-R65-BK
HB2	80W LED HIGHBAY FITTING, IP54, IK07, 5000K, 100 DEG BEAM, SUSPENDED FROM CEILING. LPA LIGHTING 'ALTITUDE II' - MODEL: HB-ATL2-80
LP1	600W LED FLOODLIGHT LOW GLARE, 4000K, IP66, IK10, MOUNTED ON A 15m POLE. TYPE: LPA 'KESTRAL'. LPA-FL-KE5-600-740LT2x162-B
LP1B	2x600W LED FLOODLIGHTS LOW GLARE, 4000K, IP66, IK10, MOUNTED ON A 15m POLE. TYPE: LPA 'KESTRAL'. LPA-FL-KE5-600-740LT2x162-B
LP2	300W 26x60DEG BEAM LED FLOODLIGHT, 4000K, IP66, IK08, MOUNTED ON A 12m POLE, 60DEG TILT. TYPE: LPA 'OSPREY2'. LPA-FL-OSP2-300-750-26x60D
LP2B	2x300W 26x60DEG BEAM LED FLOODLIGHT, 4000K, IP66, IK08, MOUNTED ON A 12m POLE, 60DEG TILT. TYPE: LPA 'OSPREY2'. LPA-FL-OSP2-300-750-26x60D
LP3	60W LED SLIM STREETLIGHT LOW GLARE, 5000K, IP65, MOUNTED ON A 6m POLE. TYPE: LPA 'SLIM STREET LIGHT'. LPA-ST-S17-60
LP3B	30W LED SLIM STREETLIGHT LOW GLARE, 5000K, IP65, MOUNTED ON A 6m POLE. TYPE: LPA 'SLIM STREET LIGHT'. LPA-ST-S17-30
WL1	300W 26x60DEG BEAM LED FLOODLIGHT, 4000K, IP66, IK08, WALL MOUNTED AT 7.5M AFFL, 60DEG TILT. TYPE: LPA 'OSPREY2'. LPA-FL-OSP2-300-750-26x60D
WL2	SINGLE 20W LED SURFACE MOUNTED BATTEN, 4000K, WEATHERPROOF IP66, IK10 WITH OPAL DIFFUSER. TYPE: LPA 'DELNE BTWP'. LPA-BTWP-DEL60-20
L1	SINGLE 36W LED SURFACE MOUNTED BATTEN, 4000K, WEATHERPROOF IP66, IK10 WITH OPAL DIFFUSER. TYPE: LPA 'DELNE BTWP'. LPA-BTWP-DEL120-36 WM = WALL MOUNTED
WL3	180W LED STREETLIGHT, 4000K, IP66, WALL MOUNTED AT 5m AFFL. TYPE: LPA 'FALCON STREETLIGHT'. LPA-FALL-180-740-L75x150-S
SW	15A, 230V LIGHT SWITCH
AS	AS ABOVE BUT TWO WAY
MS	BIG IDEAS MOTION LIGHT SENSOR TO TURN LIGHTS ON/OFF WITH ADJUSTABLE 0-30min DELAY TIMER
MS2	AS ABOVE WITH AUDIOSONIC SENSOR. NOTE: ALLOW 2-CHANNEL FOR TOILETS
MS3	LONG RANGE EXTERNAL LIGHT MOTION SENSOR WEATHERPROOF TO TURN LIGHTS ON/OFF TO BE INTEGRATED WITH TIME CLOCK
EL	LED MAINTAINED TYPE EXIT LIGHT. CAT. CCFLED, CLEVERTRONICS CO-E25, C90-E20 DS=DOUBLE SIDED
EA	AS ABOVE C/W DIRECTIONAL ARROW
EM	LED NON-MAINTAINED RECESSED EMERGENCY LIGHT FITTING. CAT. CLIFE, CLEVERTRONICS CO-D40, C90-D40
EM2	LED EMERGENCY (NON-MAINTAINED) BATTEN C/W WIREGUARD SURFACE MOUNTED. CLEVERTRONICS LED TUBE LP ODYSSEY QUANTUM, CAT. CBSL25-LT-WG. CLASSIFICATIONS CO-D40, C90-D40
SE1	16W LED CIRCULAR EMERGENCY LIGHT C/W MICROWAVE MOTION SENSOR, IP44. CLASSIFICATION C90-D32, CO-D32. TYPE: CLEVERTRONICS 'CIRCLITE' ECLED-LI-M5
SO	10A 240V SINGLE SWITCHED SOCKET OUTLET
SD	10A 240V DOUBLE SWITCHED SOCKET OUTLET
SS	SINGLE SWITCHED SOCKET OUTLET ON SEPARATE CIRCUIT
TS	THREE PHASE OUTLET. RATING AS INDICATED
TS2	20A SEPARATE CIRCUIT STARTER SOCKET FOR SOFT WIRING CONNECTION TO WORKSTATIONS
TS3	10A 230V DOUBLE SWITCHED SOFT WIRED SOCKET OUTLET (SUPPLIED WITH WORKSTATIONS)
HS	HAND DRYER. AT 900 AFFL TO BE HARD WIRED WITH ISOLATOR SWITCH AT 2100 AFFL.
IS	SINGLE PHASE DIRECT WIRED CONNECTION VIA IP56 ISOLATOR. RATING AS INDICATED.
IS3	THREE PHASE DIRECT WIRED CONNECTION VIA IP56 ISOLATOR. RATING AS INDICATED.
FS	FLOOR BOX FOR SOFT WIRING 'EED - PROTECTOR SERIES FLUSH STAINLESS STEEL' C/W STARTER OUTLET & UMBILICALS. CAT No. FB45FGD
DB1	FLUSH MOUNTED IN-DESK BOX. 'ECD30' C/W 4x GPO'S AND 4x DATA OUTLETS
DB2	FLUSH MOUNTED IN-DESK BOX. 'ECD30' C/W 3x GPO'S WITH BUILT-IN USB CHARGER OUTLET
DP	CAT 6A RJ45 VOICE/DATA POINT & CABLE 2x DUAL OUTLET & CABLES, WAP = WIRELESS ACCESS POINT
VP	18RU CAT 6 WALL MOUNTED VENTILATED COMMUNICATIONS CABINET C/W DOOR OVER 'LOCKABLE', HORIZONTAL POWER RAIL (7 GPO'S), 24 PORT PATCH FRAMES, CABLE MANAGEMENT & ACCESS.
FIP	FIRE INDICATING PANEL. PROVIDE POWER AND TELEPHONE LINE
SA	100 DIA 10W OMNI DIRECTIONAL SPEAKER WIRED TO BUILDING OCCUPANT WARNING SYSTEM (BOWS) & TO SMOKE ALARMS
SD2	ADDRESSABLE SMOKE DETECTOR TO AS1670

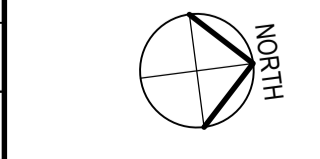
OUTLET IDENTIFICATIONS:

UB	= UNDER BENCH
FR	= REFRIGERATOR
DW	= DISHWASHER
MW	= MICROWAVE OVEN
CU	= A/C CONDENSING UNIT
EF	= EXHAUST FAN
TEF	= TOILET EXHAUST FAN
HWU	= HOT WATER UNIT
BWU	= ZIP BOILING WATER UNIT
WAP	= WIRELESS ACCESS POINT (WiFi)
WP	= WEATHERPROOF
RSD	= ROLLER SHUTTER DOOR
AG	= AUTO GATE
USB	= GPO WITH BUILT-IN USB CHARGER OUTLET
LK	= LOCKER (DIGITAL)

SITE PLAN
SCALE=1:1000

NOT FOR CONSTRUCTION

NO.	DATE	DRAWN	REVISION
T2	06.06.2024	PN	REVISED TENDER ISSUE
T1	09.05.2024	PN	REVISED TENDER ISSUE
T	27.03.2024	PN	TENDER ISSUE



This drawing is diagrammatic and is not intended for use in the preparation of shop drawings or as-installed drawings

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TENDER ISSUE

METAL RECYCLING PLANT
96 WHITES ROAD
BANDIANA

DRAWN	ENGINEER	CHECKED	SCALE	DATE
PN	PN		1:1000	FEBRUARY-2022

ELECTRICAL SERVICES

SITE PLAN
LIGHTING & POWER LAYOUT
LEGEND

DRAWING NUMBER	REVISION
221210	A1
E01 of 6	T2