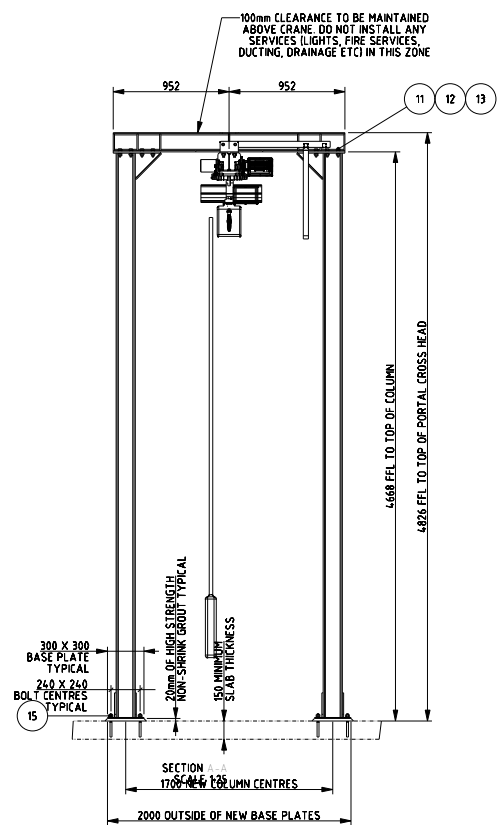
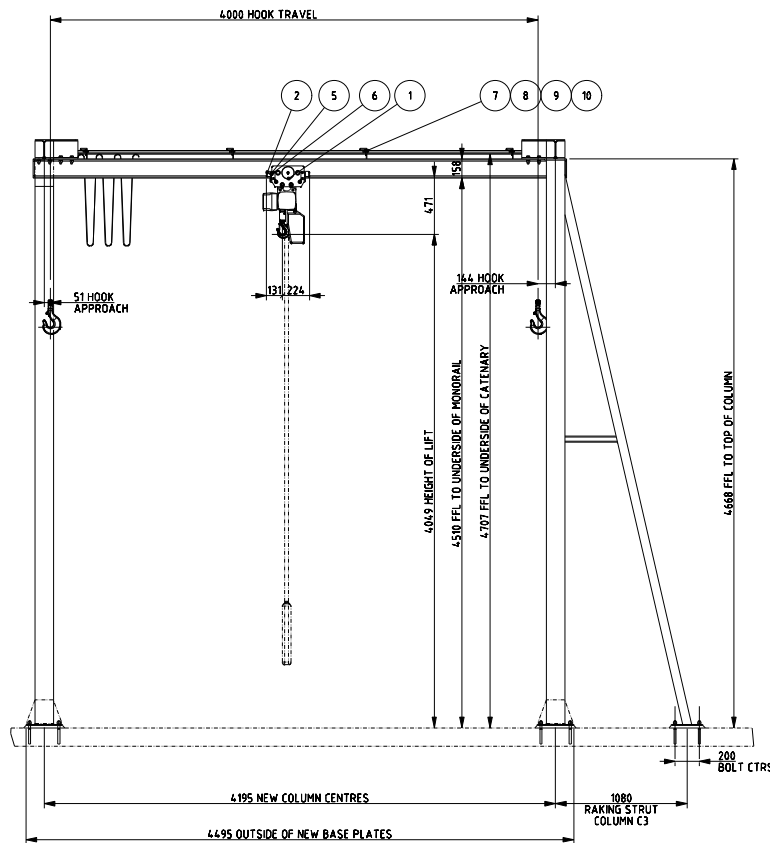
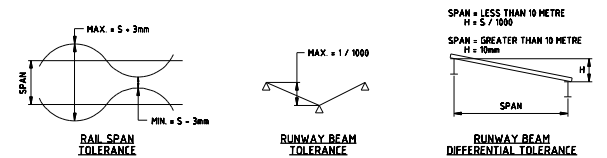
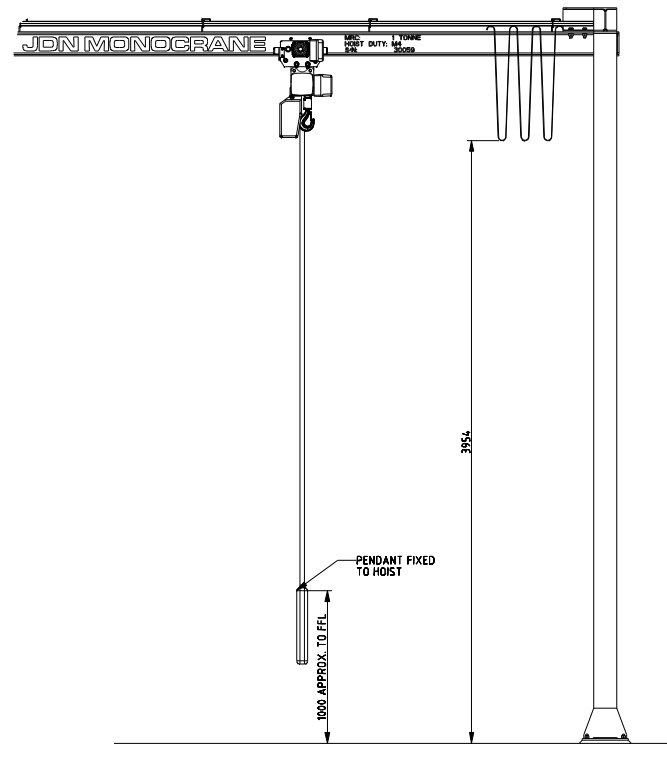




SECTION A-A 01  
1:25



SECTION 02  
1:20



| REVISIONS |            |                                                          |      |
|-----------|------------|----------------------------------------------------------|------|
| REV       | DATE       | DESCRIPTION                                              | BY   |
| -         | 20-12-2021 | GENERAL ARRANGEMENT DRAWING RELEASED FOR CLIENT APPROVAL | B.G. |
| A         | 22-08-2023 | RELOCATED & RAKING STRUT COLUMN C3 ADDED                 | SB   |

#### MONORAIL DATA

|                   |                                    |
|-------------------|------------------------------------|
| PLANT TYPE        | MONORAIL STEELWORK AND HOIST       |
| MONORAIL CAPACITY | 1 TONNE                            |
| HOIST TYPE        | CHR1000W14-CE                      |
| HOISTING SPEED    | 4/1 m/min                          |
| TRAVERSE SPEED    | 14/7 m/min                         |
| HOIST DUTY        | M4                                 |
| CONTROL           | PENDANT FIXED TO HOIST             |
| SUPPLY VOLTAGE    | 400V 50Hz 3Ø +E +N (NO ELCB / RCD) |
| MAX CURRENT DRAW  | 5 AMPS                             |
| HOIST WEIGHT      | 74kg                               |

**CLIENT APPROVAL**

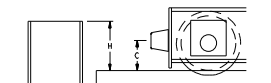
Authorized approval of dimensions and concept by:

Signed..... Date.....

Print Name.....

Position Held.....

| E/CARRIAGE DESIGNATION | TOP OF RAIL CTR BUFFER C | MIN. ENDSTOP ABOVE RAIL H |
|------------------------|--------------------------|---------------------------|
| ETS156 / 157           | 80                       | 150                       |
| ETS206 / 207           | 110                      | 180                       |
| ETS256 / 257           | 125                      | 210                       |
| ETS306 / 307           | 155                      | 240                       |
| ETS386 / 387           | 190                      | 290                       |



#### STEELWORK MEMBER SCHEDULE

| ITEM | DESCRIPTION        | LENGTH | QTY | REF       | MEMBER      |
|------|--------------------|--------|-----|-----------|-------------|
| 101  | COLUMN 30059-C1    | 4648   | 4   | 30059-C1  | 150 UC 30.0 |
| 102  | RUNWAY COLUMN - C3 | 4648   | 2   | 30455-C3  | 150 PFC     |
| 201  | RB CROSS HEAD - X1 | 1903   | 2   | 30059-X1  | 150 UC 30.0 |
| 301  | RUNWAY BEAM-RB1    | 4375   | 1   | 30059-RB1 | 150 UC 30.0 |

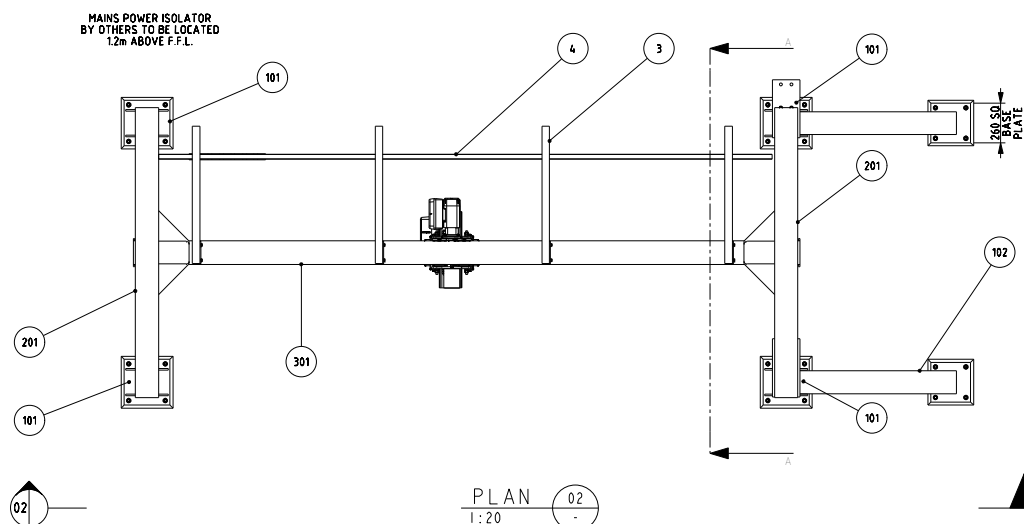
#### NOTES:

- WELDS: ALL SITE WELDS 5mm FILLET (WPS008) UNLESS NOTED OTHERWISE  
ALL WELDS IN ACCORDANCE WITH AS 1554 - 1,2.
- BOLTS: ALL COMMERCIAL GR. 4.6 BOLTS (TO AS1111), ARE TO BE ZINC PLATE FINISH & SNUG TIGHTENED TO AS4100 CATEGORY 4.6/5  
ALL HIGH STRENGTH GR. 8.8 BOLTS (TO AS1252), ARE TO BE BLACK FINISH & FULLY TENSIONED TO AS4100 CATEGORY 8.8/18
- PAINT: PREP: POWER WIRE BRUSH CLEAN  
1st COAT: 40um DFT ZINC PHOSPHATE PRIMER  
2nd COAT: N/A  
3rd COAT: N/A  
TOP COAT: 60um DFT ALKYD ENAMEL  
COLOUR: CRANE: NA  
HOIST: BLUE  
STEELWORK: GREY PRIMER

BUILDING: SUITABILITY OF FLOOR & BUILDING STRUCTURE FOR THIS CRANE & RUNWAY INSTALLATION TO BE DETERMINED BY CLIENTS BUILDING ENGINEER.

|    |                                       |       |                     |
|----|---------------------------------------|-------|---------------------|
| 15 | M16 HVU ADHESIVE ANCHOR 125 DEEP HOLE | 24    | HAS516125/HVU16125  |
| 14 | M16 GR8.8 HEX HEAD NUT                | 48    | HHN816              |
| 13 | M16 SPRING WASHER                     | 48    | SW16                |
| 12 | M16 STRUCTURAL HARDENED FLAT WASHER   | 48    | SFW16               |
| 11 | M16 GR8.8/S HEX HEAD BOLT             | 55    | HHB816055           |
| 10 | M10 GR8.8 HEX HEAD NUT                | 8     | HHN810              |
| 9  | M10 SPRING WASHER                     | 8     | SW10                |
| 8  | M10 FLAT WASHER                       | 8     | FW10                |
| 7  | M10 GR8.8 HEX HEAD BOLT               | 35    | HHB810035           |
| 6  | M8 GR8.8 HEX HEAD NUT                 | 4     | HHN808              |
| 5  | M8 SPRING WASHER                      | 4     | SW08                |
| 4  | POWER CATENARY SYSTEM                 | 4.025 | 30059-PCTS005-H     |
| 3  | 50 x 50 x 5 ANGLE (PRE PUNCHED)       | 900   | CTSA50-0900-H       |
| 2  | Ø40 TRAVEL BUFFER                     | 4     | CTB040              |
| 1  | 1000kg MOTORISED ELECTRIC CHAIN HOIST | 1     | 30059-CHR1000W14-CE |

| ITEM    | DESCRIPTION / MATERIAL | LENGTH                      | QTY         | REFERENCE |
|---------|------------------------|-----------------------------|-------------|-----------|
| DRAWN   | B.G.                   | <b>JDN MONOCRANE</b>        |             |           |
| CHECKED |                        | TRITIUM PTY LTD             |             |           |
| DATE    | 20-12-2021             | 1 TONNE MONORAIL SYSTEM     |             |           |
| REV No. | A                      | GENERAL ARRANGEMENT DRAWING |             |           |
|         |                        | DEPT.                       | DRAWING No. |           |
|         |                        |                             | 30059-01    | B1        |
|         |                        | SCALE                       | 1:25        |           |



PLAN 02  
1:20

