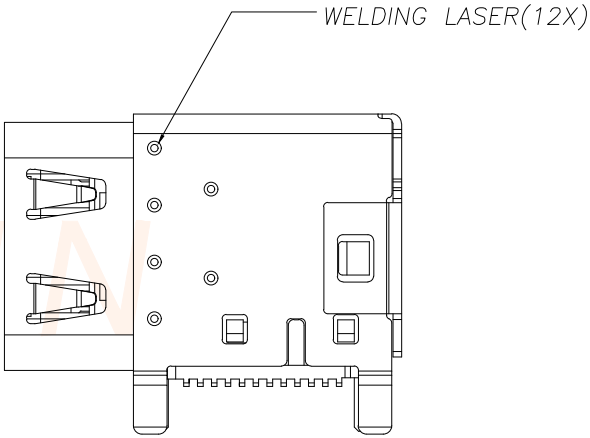
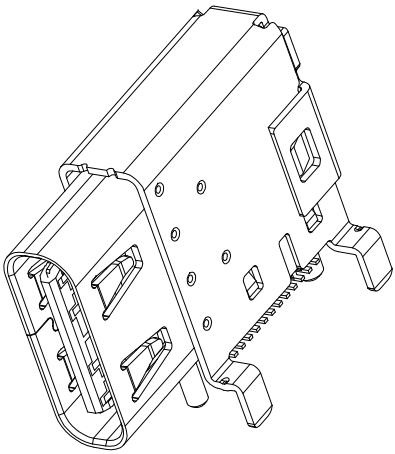
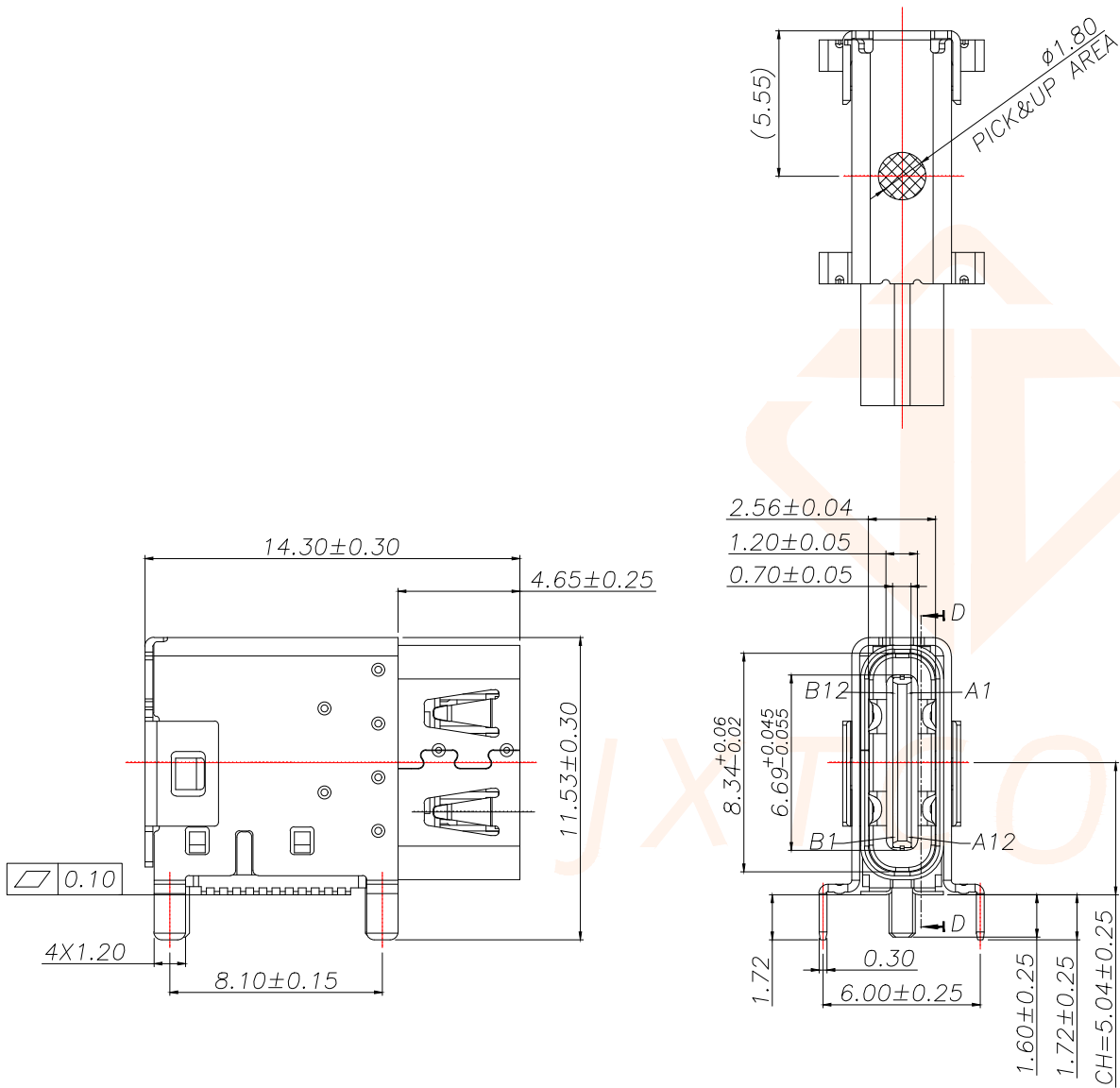
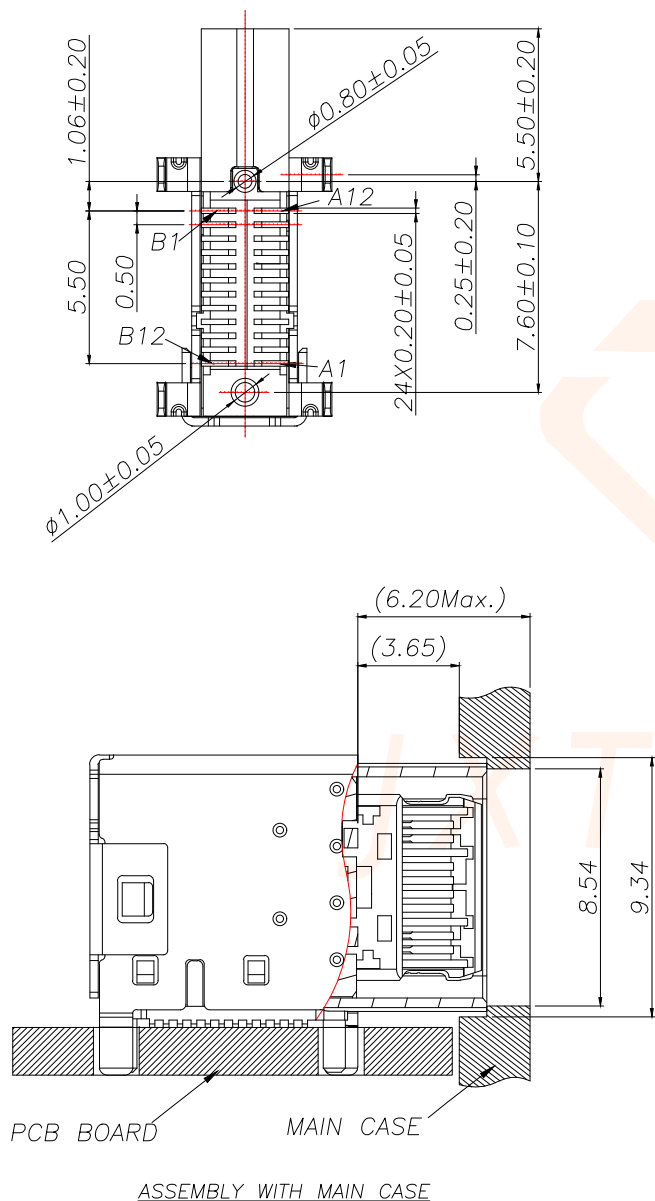


| REV. | ECN NO. | DESCRIPTION | DATE | DESIGN |
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| TOLERANCE       |                       | 深圳聚兴泰电子科技有限公司<br>Shenzhen Juxingtai Electronic Technology Co., Ltd |                             |              |
|-----------------|-----------------------|--------------------------------------------------------------------|-----------------------------|--------------|
| .X $\pm 0.30$   | X.* $\pm 10^{\circ}$  | PART NO.                                                           | TITLE: USB TYPE C SMT TYPE  |              |
| .XX $\pm 0.20$  | X.X* $\pm 8^{\circ}$  | JXT-TYPE-C-SSTL177-24P                                             | UPRIGHT STRAIGHT TAB 24 PIN |              |
| .XXX $\pm 0.10$ | X.XX* $\pm 5^{\circ}$ | DESIGN: Ethan                                                      | MANUFACTURE DWG             |              |
| UNITS           | mm                    | CHED: Olvia                                                        | SCALE<br>N:A                | SHEET<br>1/4 |
| MATERILA        | ---                   | APPD: Ava                                                          |                             |              |
| FINISH          | ---                   |                                                                    |                             |              |

| REV. | ECN NO. | DESCRIPTION | DATE | DESIGN |
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NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING:PA9T,UL94 V-0.
  - TERMINAL: COPPER ALLOY(C18150)
  - MID PLATE: STAINLESS STEEL(SUS301)
  - INNER SHELL: STAINLESS STEEL(SUS304)
  - COVER: STAINLESS STEEL(SUS304)
- PLATING SPECIFICATION:
  - TERMINAL:
 

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS Au:3u")

PLATING SPECIFICATIONS OF THE SOLDER AREA Au:G/F
  - INNER SHELL&COVER SHELL:
 

Ni 30u" MIN. UNDER PLATED OVER ALL.
  - MID PLATE:
 

CLEAR ONLY
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - VOLTAGE RATING: 5V.
  - CURRENT RATING: 5A.
  - LLCR:
 

VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.

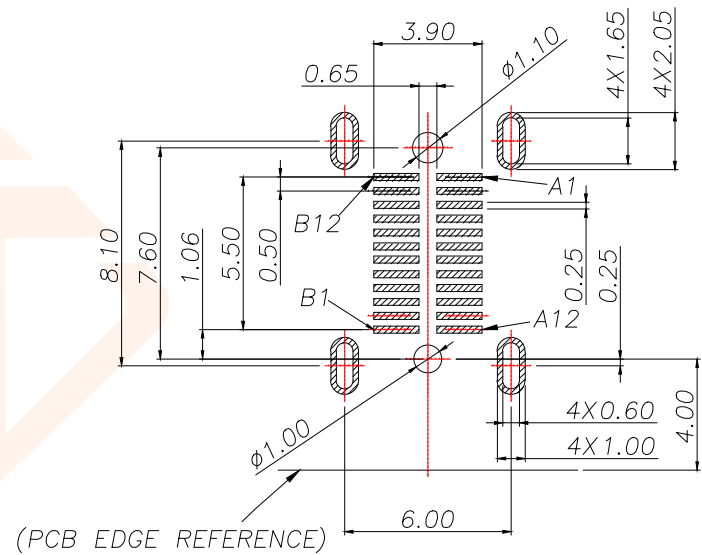
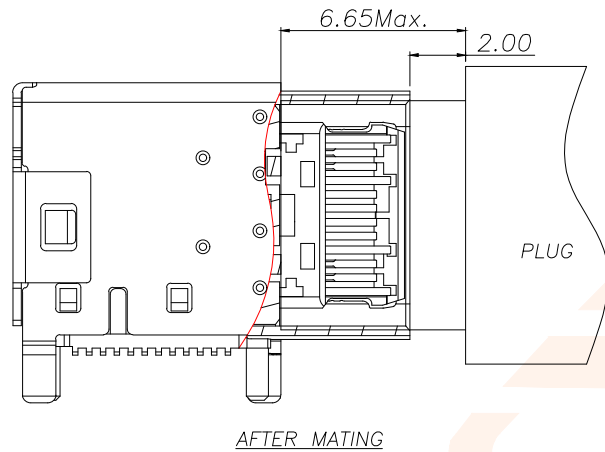
LLCR MAX. CHANGE OF ALL PINS: 10mA.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 

OPERATING TEMPERATURE: -40°C~+85°C.
- IR REFLOW:
 

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

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|-----------|----------|--------------------------------------------------------------------|-----------------------------|--------------|
| .X±0.30   | X.*±10°  | PART NO.                                                           | TITLE: USB TYPE C SMT TYPE  |              |
| .XX±0.20  | X.X*±8°  | JXT-TYPE-C-SSTL177-24P                                             | UPRIGHT STRAIGHT TAB 24 PIN |              |
| .XXX±0.10 | X.XX*±5° | DESIGN: Ethan                                                      | MANUFACTURE DWG             |              |
| UNITS     | mm       | CHED: Olvia                                                        | SCALE<br>N:A                | SHEET<br>2/4 |
| MATERILA  | — — —    | APPD: Ava                                                          |                             |              |
| FINISH    | — — —    |                                                                    |                             |              |

| REV. | ECN NO. | DESCRIPTION | DATE | DESIGN |
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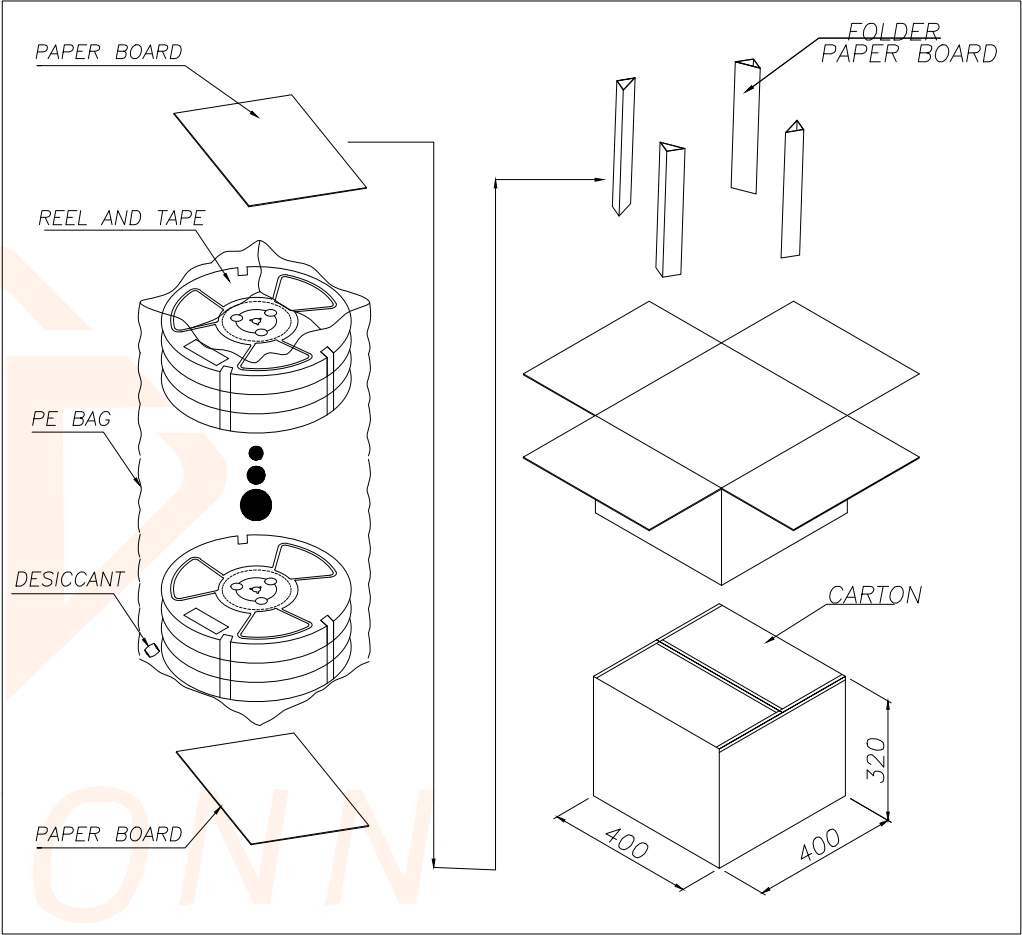
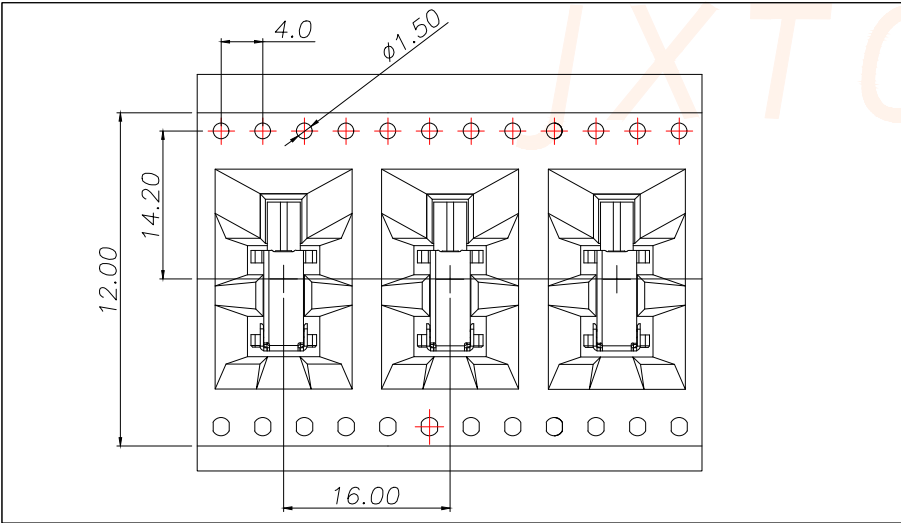
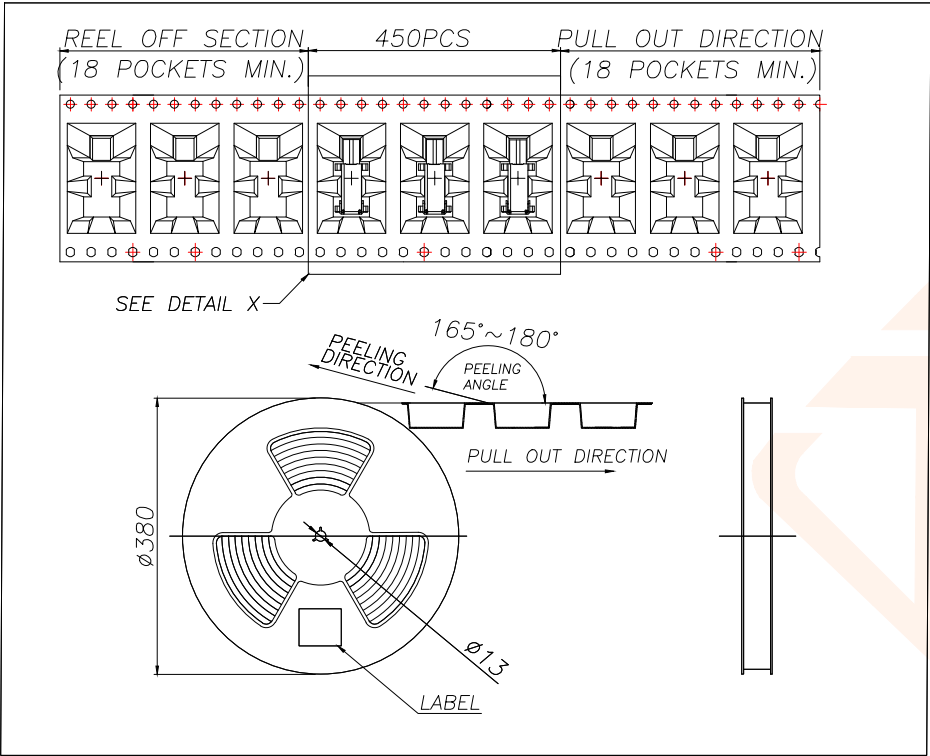
RECOMMENDED P.C.B LAYOUT  
TOLERANCE  $\pm 0.05\text{mm}$  (TOP VIEW)

USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A2         | TXp1        | B11        | RXp1        |
| A3         | TXn1        | B10        | RXn1        |
| A4         | Vbus        | B9         | Vbus        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | Vbus        | B4         | Vbus        |
| A10        | RXn2        | B3         | TXn2        |
| A11        | RXp2        | B2         | TXp2        |
| A12        | GND         | B1         | GND         |

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|-----------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|-------|
| .X $\pm 0.30$   | X.* $\pm 10^\circ$  | PART NO.                                                                                                                                                                    | TITLE: USB TYPE C SMT TYPE                                                            |       |       |
| .XX $\pm 0.20$  | X.X* $\pm 8^\circ$  | JXT-TYPE-C-SSTL177-24P                                                                                                                                                      | UPRIGHT STRAIGHT TAB 24 PIN                                                           |       |       |
| .XXX $\pm 0.10$ | X.XX* $\pm 5^\circ$ | DESIGN: Ethan                                                                                                                                                               | MANUFACTURE DWG                                                                       |       |       |
| UNITS           | mm                  | CHED: Olvia                                                                                                                                                                 |  | SCALE | SHEET |
| MATERILA        | — — —               | APPD: Ava                                                                                                                                                                   |                                                                                       | N:A   | 3/4   |
| FINISH          | — — —               |                                                                                                                                                                             |                                                                                       |       |       |

| REV. | ECN NO. | DESCRIPTION | DATE | DESIGN |
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|                 |          | REEL                                                               | CARTON                      |
|-----------------|----------|--------------------------------------------------------------------|-----------------------------|
| CONNECTOR (PCS) |          | 450                                                                | 2700                        |
| TOLERANCE       |          | 深圳聚兴泰电子科技有限公司<br>Shenzhen Juxingtai Electronic Technology Co., Ltd |                             |
| .X±0.30         | X.*±10°  | PART NO.                                                           | TITLE: USB TYPE C SMT TYPE  |
| .XX±0.20        | X.X*±8°  | JXT-TYPE-C-SSTL177-24P                                             | UPRIGHT STRAIGHT TAB 24 PIN |
| .XXX±0.10       | X.XX*±5° | DESIGN: Ethan                                                      | MANUFACTURE DWG             |
| UNITS           | mm       | CHED: Olvia                                                        |                             |
| MATERILA        | ---      | APPD: Ava                                                          |                             |
| FINISH          | ---      |                                                                    | SCALE N:A SHEET 4/4         |