

| MAIN EQUIPMENT | | SYMBOL | Qt. |
|----------------|--|--------|-----|
| 1 | HEATED FILTER PROBE, AC220V/50HZ | | 1 |
| 2 | SINGLE TUBE HEATED TRACE LINE , AC220V | | 1 |
| 3 | COMPRESSOR GAS COOLER | | 1 |
| 4 | PERISTALTIC PUMP | | 1 |
| 5 | CONDENSATE VASSEL | | 1 |
| 6 | LIQUID STOP | | 1 |
| 7 | UNIVERSAL FILTER | | 1 |
| 8 | FLOW METER RANGE : 0 - 1000 ccm | FM | 3 |
| 9 | FLOW METER RANGE : 0 - 250 LPH | FM | 1 |
| 10 | FRONT PANEL MOUNTING FINE FILTER | FPF | 2 |
| 11 | 2/2 WAY SOLENOID VALVE SS 24 VDC | | 1 |
| 12 | 3/2 WAY SOLENOID VALVE PVDF 24 VDC | | 2 |
| 13 | FLOW SWITCH | FS | 1 |
| 14 | FILTER PRESSURE REGULATOR, 0-1 BARS | FPG | 2 |
| 15 | REGULATOR | | 1 |
| 16 | SAMPLER PUMP | | 2 |
| 17 | VAPOR FILTER | | 7 |
| 18 | 3/2 BALL VALVE STAINLESS | | 1 |
| 19 | NEEDLE VALVE | NV 1 | 1 |
| 20 | | | |
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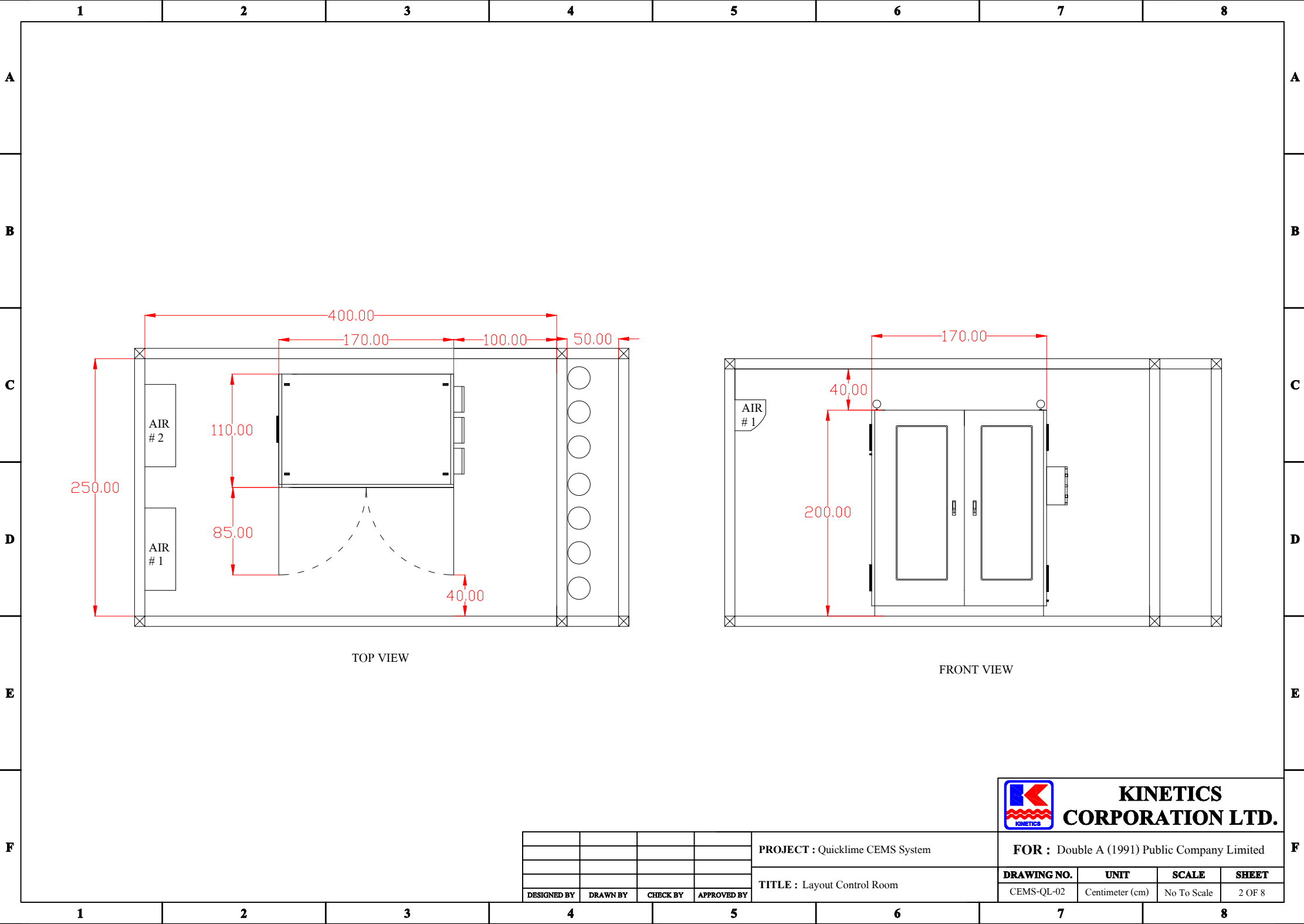
PROJECT : Quicklime CEMS System

FOR : Double A (1991) Public Company Limited

TITLE : SAMPLING CONDITION SYSTEM

| DRAWING NO. | UNIT | SCALE | SHEET |
|-------------|------|-------------|--------|
| CEMS-QL-01 | - | No To Scale | 1 OF 8 |

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TOP VIEW

FRONT VIEW



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PROJECT : Quicklime CEMS System

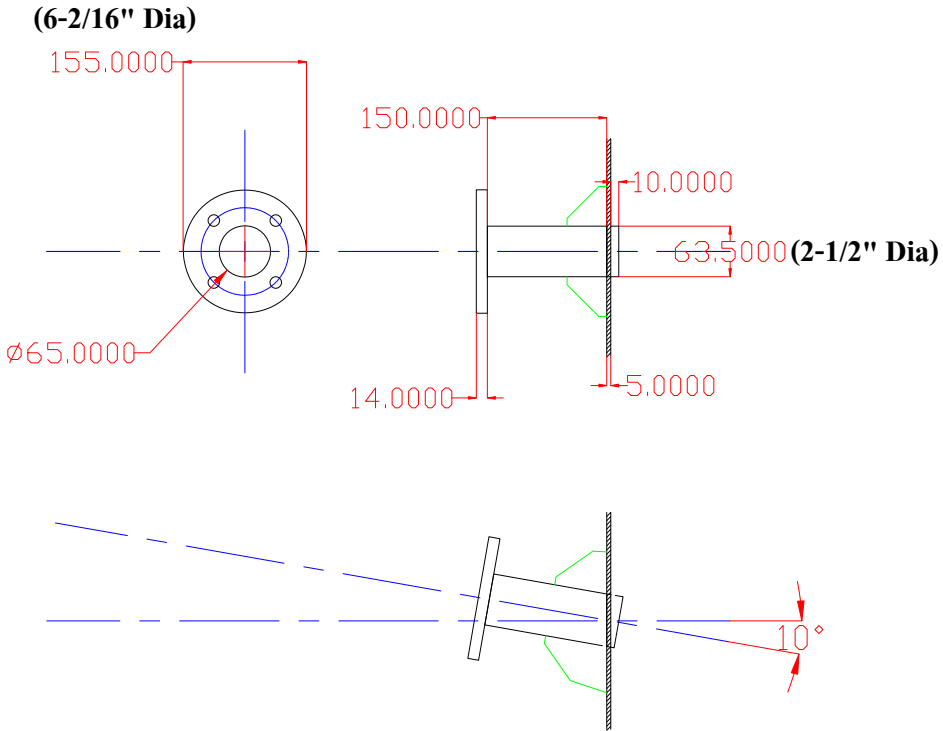
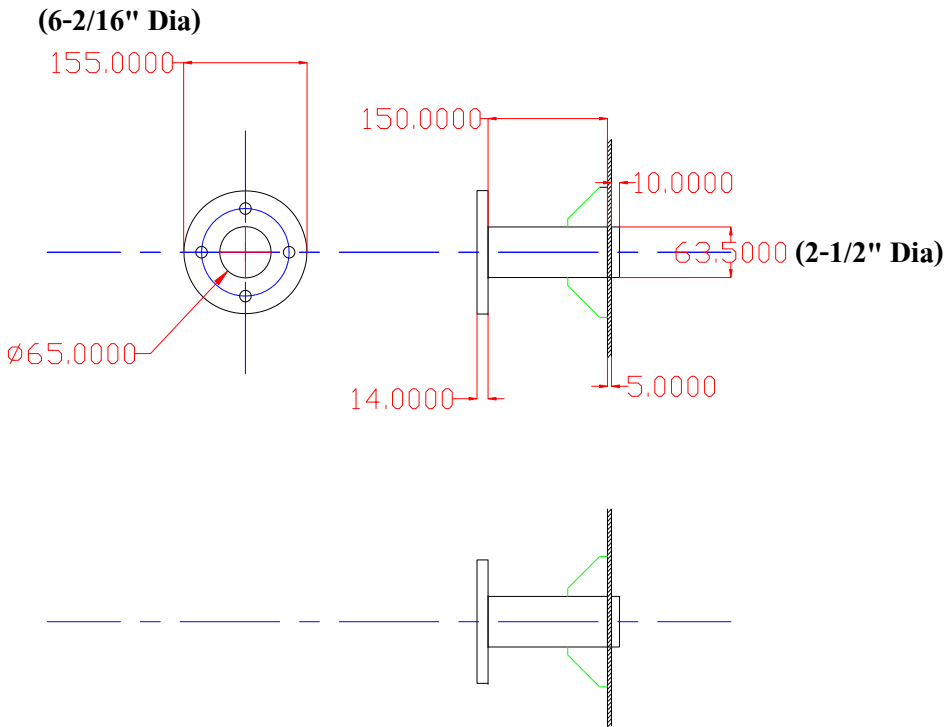
FOR : Double A (1991) Public Company Limited

TITLE : Layout Control Room

| DRAWING NO. | UNIT | SCALE | SHEET |
|-------------|-----------------|-------------|--------|
| CEMS-QL-02 | Centimeter (cm) | No To Scale | 2 OF 8 |

Auditor Flange

Gas Sampling Meter Flange

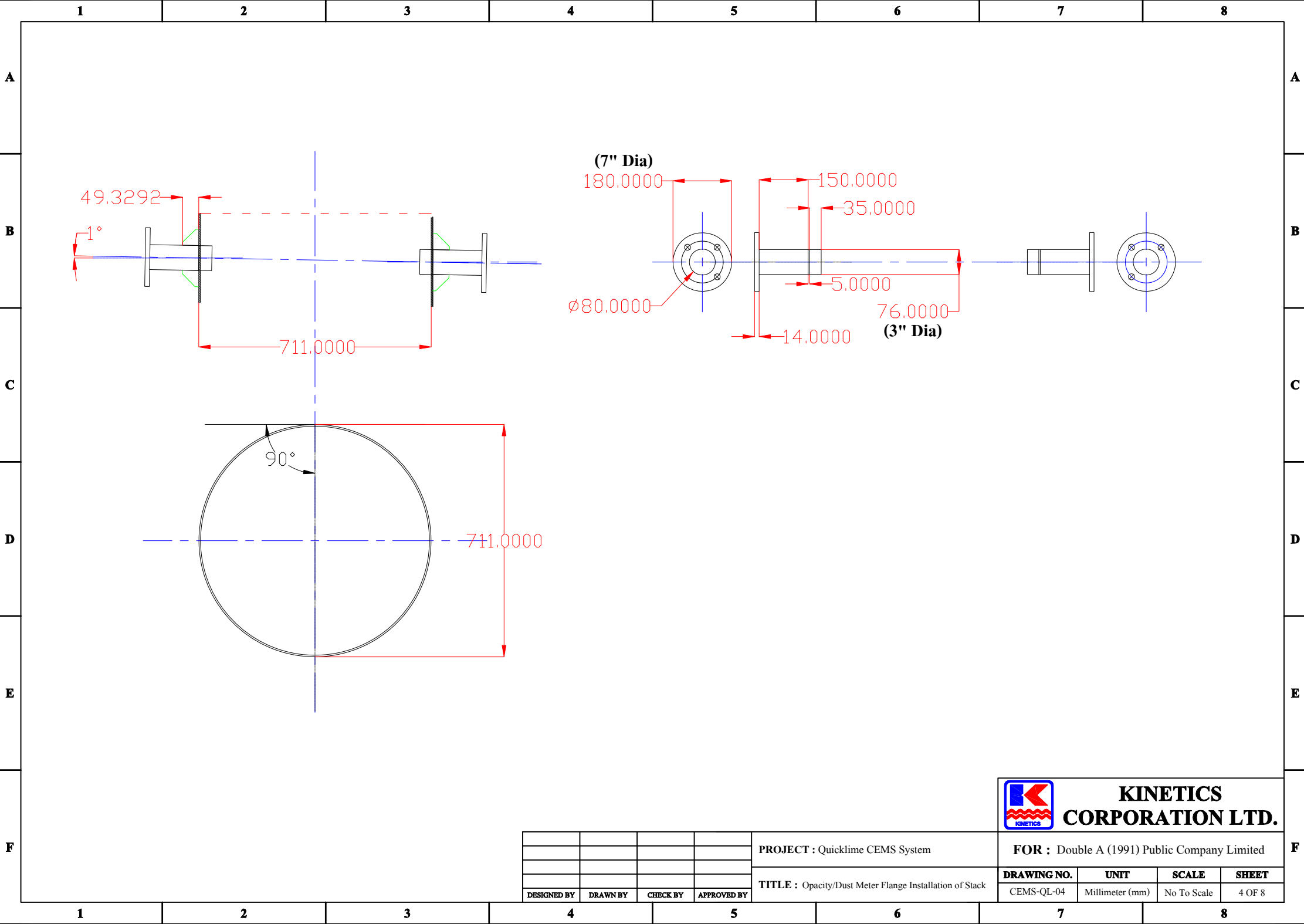


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PROJECT : Quicklime CEMS System
TITLE : Gas Sampling Meter Flange and Auditor Flange Installation of Stack

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|---|-----------------|--------------|--------------|
| FOR : Double A (1991) Public Company Limited | | | |
| DRAWING NO. | UNIT | SCALE | SHEET |
| CEMS-QL-03 | Millimeter (mm) | No To Scale | 3 OF 8 |



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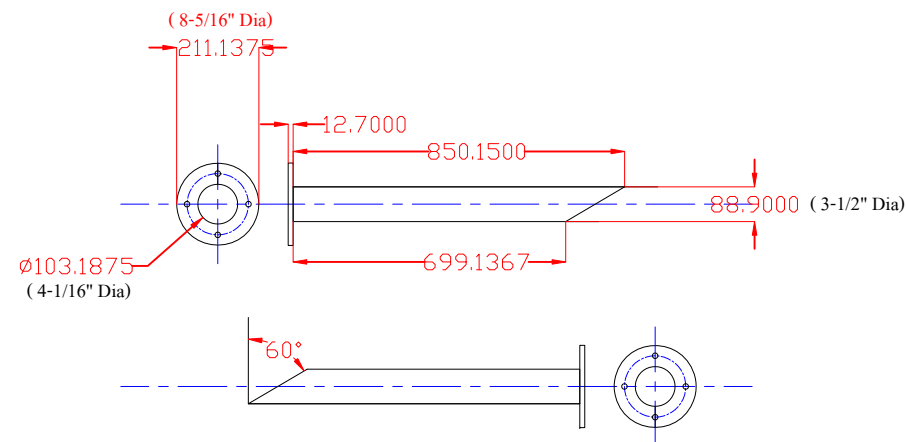
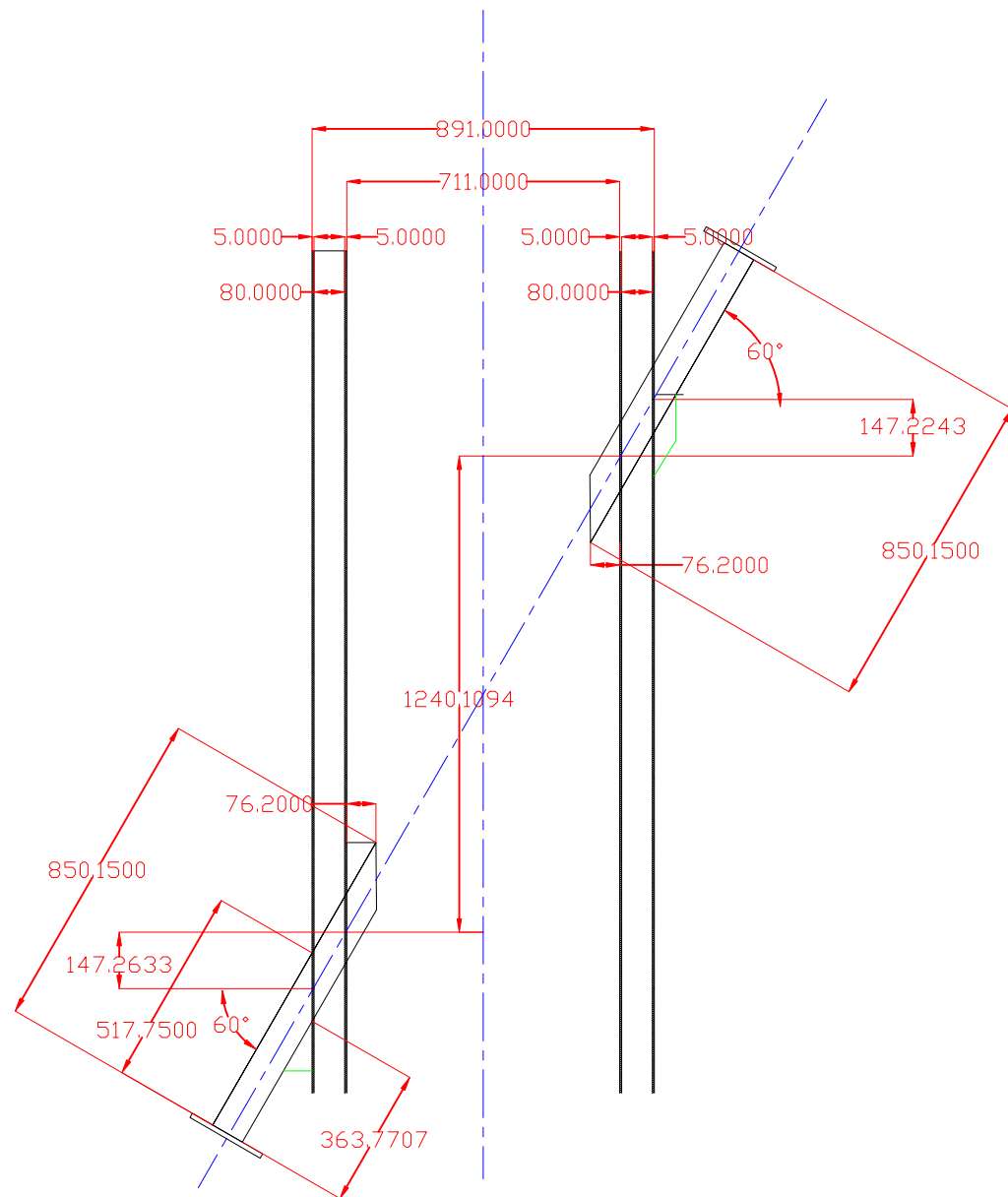
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PROJECT : Quicklime CEMS System

FOR : Double A (1991) Public Company Limited

TITLE : Opacity/Dust Meter Flange Installation of Stack

| DRAWING NO. | UNIT | SCALE | SHEET |
|-------------|-----------------|-------------|--------|
| CEMS-QL-04 | Millimeter (mm) | No To Scale | 4 OF 8 |



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| | | | | PROJECT : Quicklime CEMS System | FOR : Double A (1991) Public Company Limited | | | |
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| | | | | TITLE : Ultraflow Meter Flange Installation of Stack | DRAWING NO. | UNIT | SCALE | SHEET |
| DESIGNED BY | DRAWN BY | CHECK BY | APPROVED BY | | CEMS-QL-05 | Millimeter (mm) | No To Scale | 5 OF 8 |

PROJECT : Quicklime CEMS System

FOR : Double A (1991) Public Company Limited

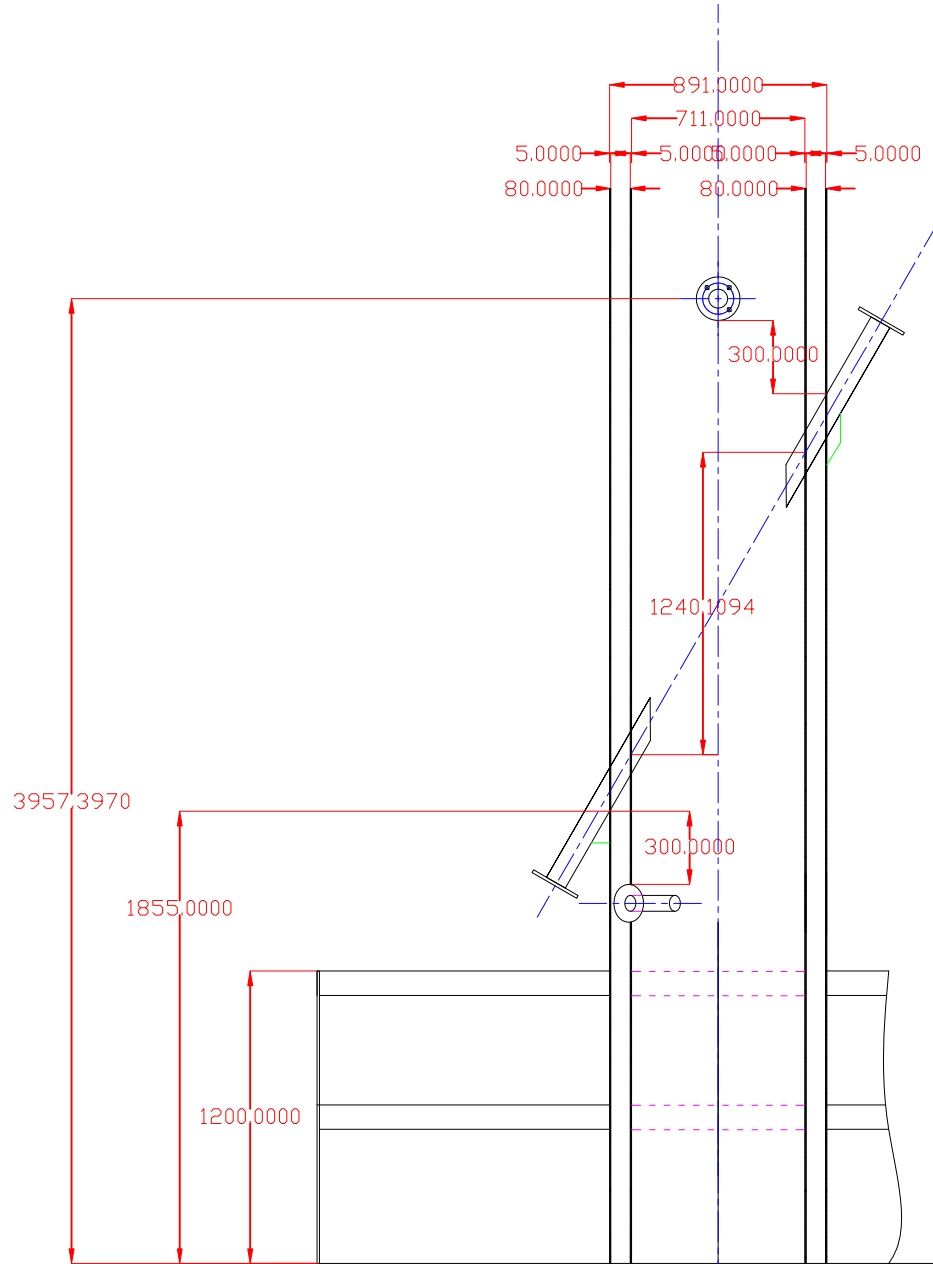
TITLE : Ultraflow Meter Flange Installation of Stack

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| ck | DRAWING NO. |
| | GEMS 01 05 |

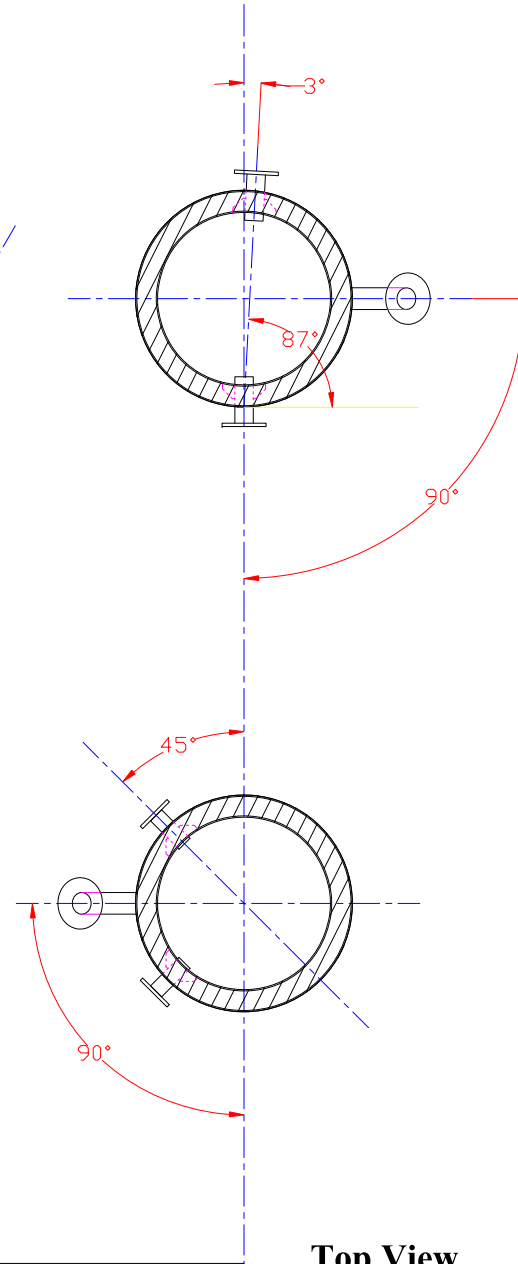
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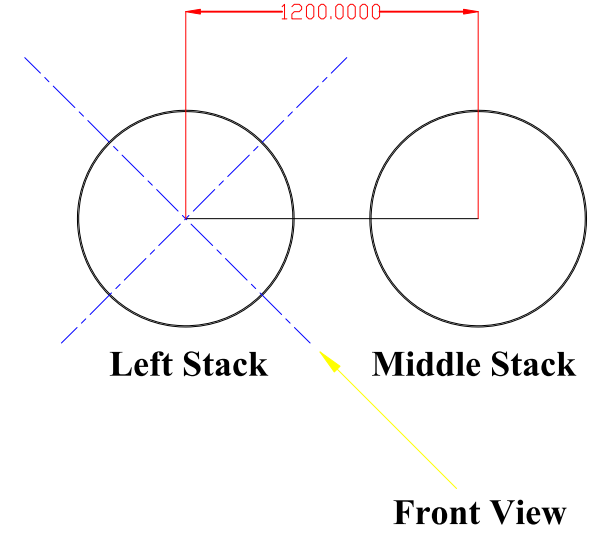
SHEET



Front View



Top View



Left Stack

Middle Stack

Front View

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PROJECT : Quicklime CEMS System

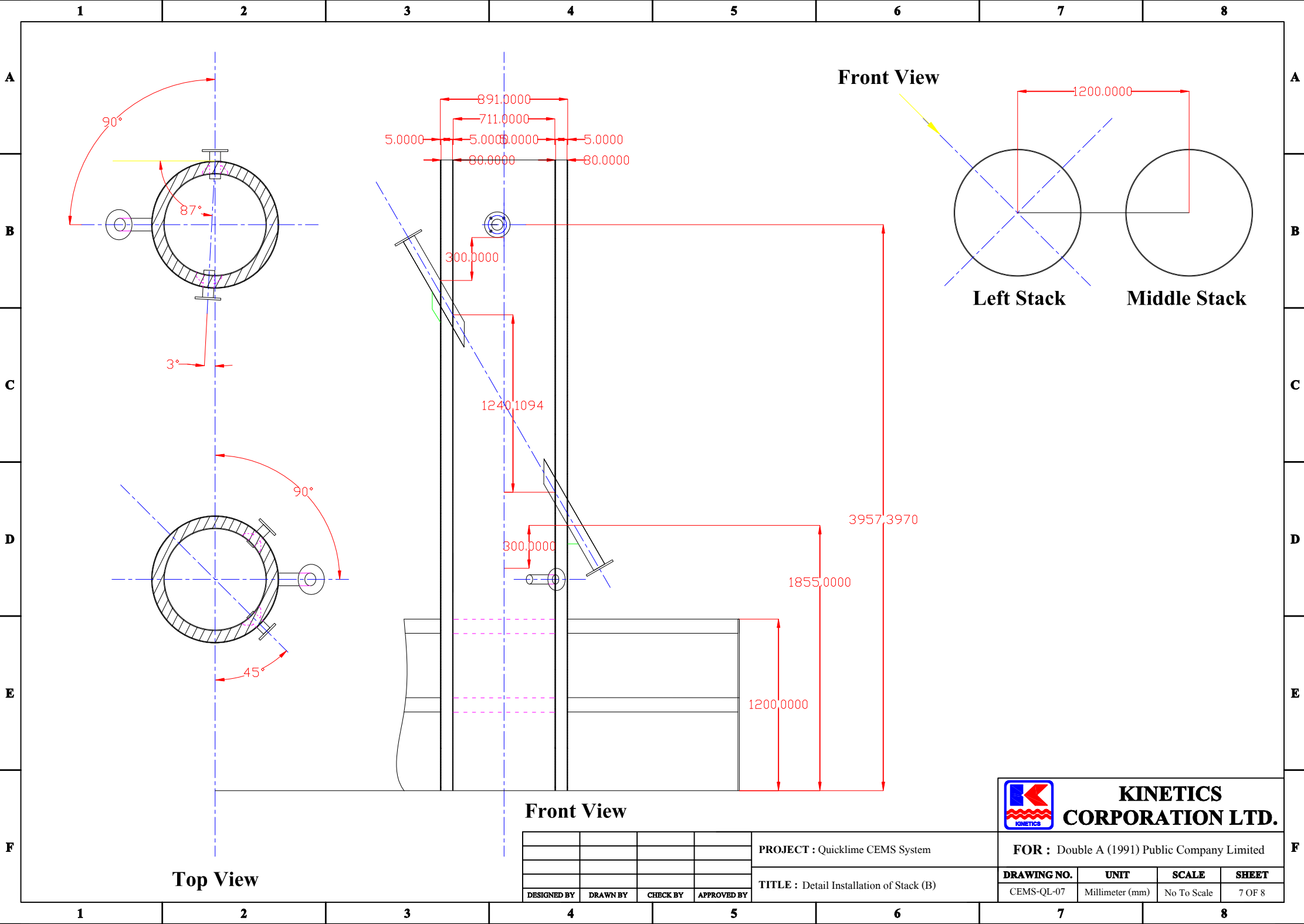
TITLE : Detail Installation of Stack (A)



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FOR : Double A (1991) Public Company Limited

| DRAWING NO. | UNIT | SCALE | SHEET |
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| CEMS-QL-06 | Millimeter (mm) | No To Scale | 6 OF 8 |



Top View

Front View

Front View

Left Stack

Middle Stack

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PROJECT : Quicklime CEMS System

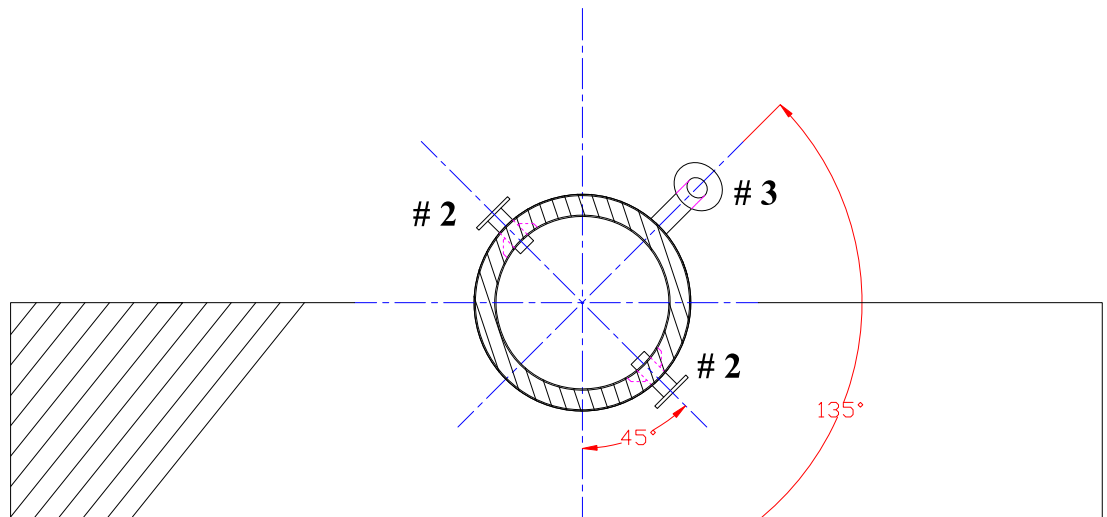
TITLE : Detail Installation of Stack (B)



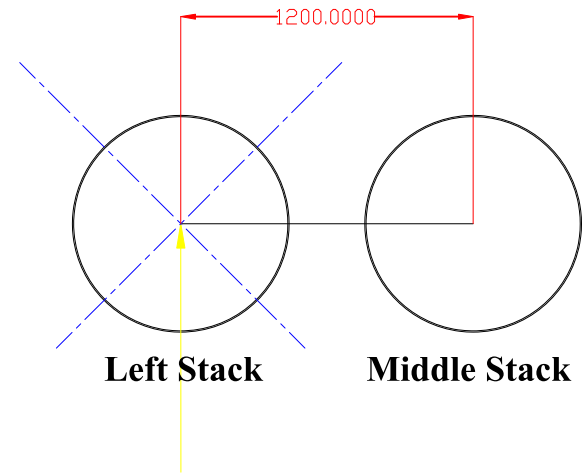
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FOR : Double A (1991) Public Company Limited

| DRAWING NO. | UNIT | SCALE | SHEET |
|-------------|-----------------|-------------|--------|
| CEMS-QL-07 | Millimeter (mm) | No To Scale | 7 OF 8 |



**Top View
Floor 2**

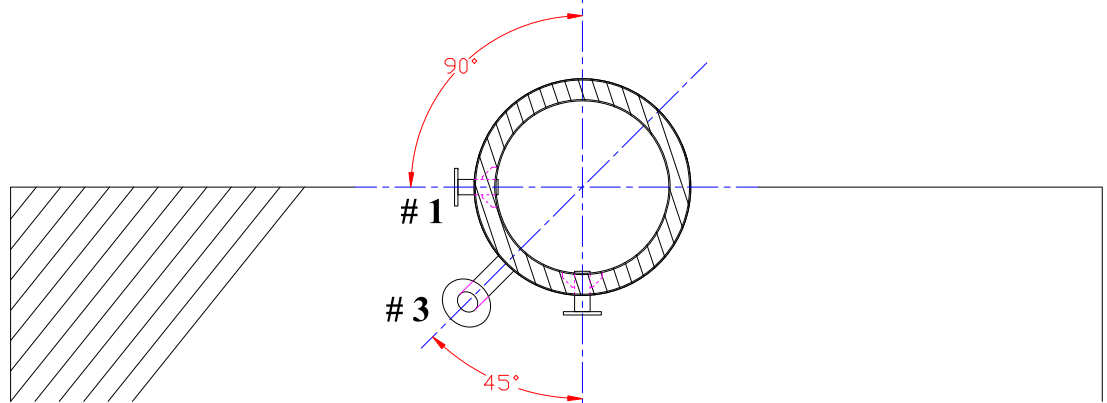


Left Stack

Middle Stack

Front View

- # 1 : Gas Sampling Probe**
2 : Opacity/Dust Meter
3 : Ultraflowmeter



**Top View
Floor 1**



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PROJECT : Quicklime CEMS System

FOR : Double A (1991) Public Company Limited

TITLE : Detail Installation of Stack

| DRAWING NO. | UNIT | SCALE | SHEET |
|-------------|-----------------|-------------|--------|
| CEMS-QL-08 | Millimeter (mm) | No To Scale | 8 OF 8 |