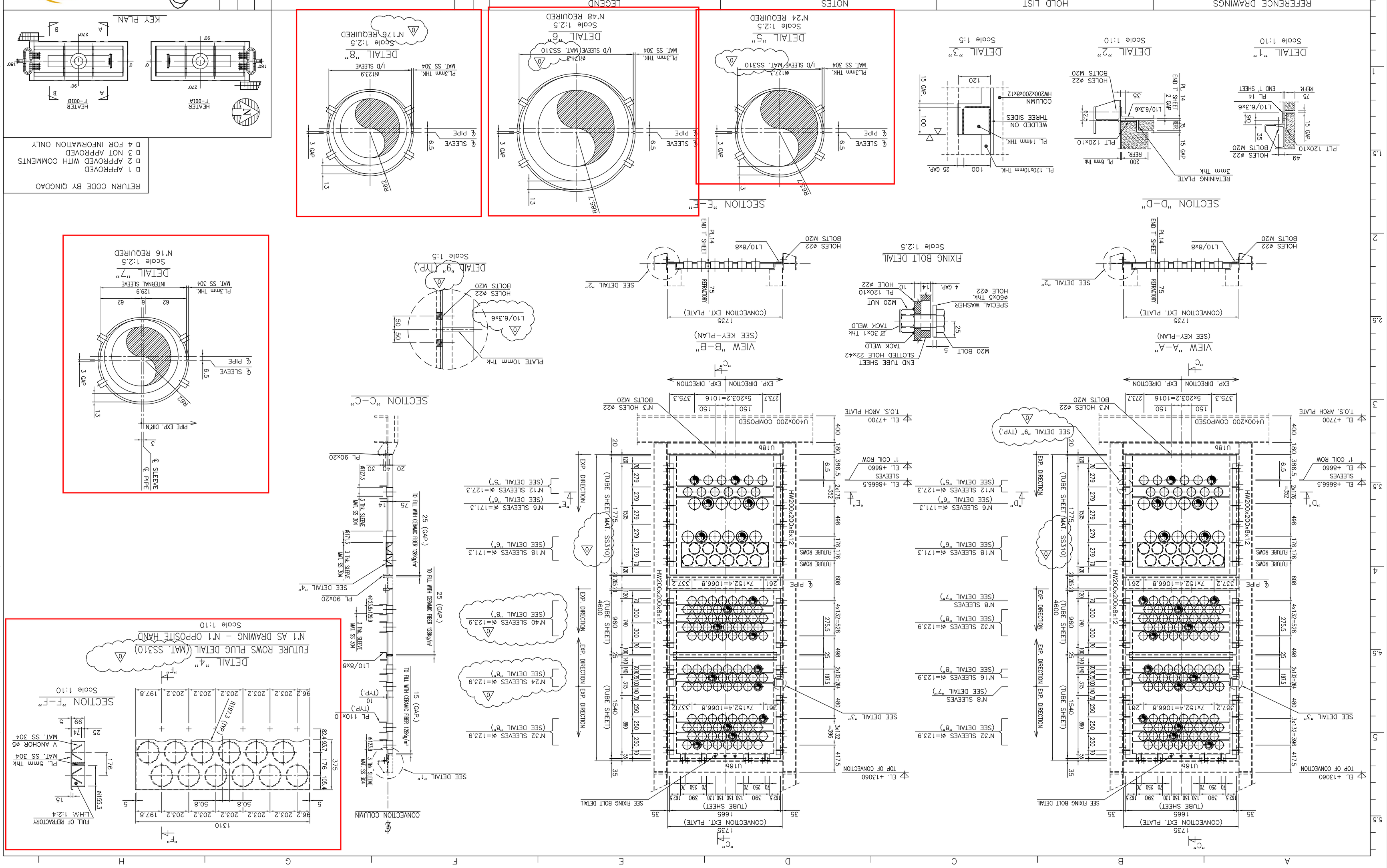
REFERENCE DRAWINGS
- K160-908-DW-0131-002-01 GENERAL ASSEMBLY – CROSS SECTION F-0018
- K160-908-DW-0131-002-02 GENERAL ASSEMBLY – LONGITUDINAL SECTION F-0018
- K160-908-DW-0131-002-03 GENERAL ASSEMBLY – CROSS VIEW F-0018
- K160-908-DW-0131-002-04 GENERAL ASSEMBLY – LONGITUDINAL VIEW F-0018
- K160-908-DW-0131-011-01 STEEL DETAILS
- K160-908-DW-0131-011-02 STEEL DETAILS
- K160-908-DW-0131-011-03 STEEL DETAILS
- K160-908-DW-0131-012-02 CONNECTION DETAILS – END TUBE SHEETS F-001 A
HOLD LIST
NOTES
1. ALL DIMENSIONS ARE IN mm.
2. ALL THE ELEVATIONS ARE REFERRED TO THE HIGHEST PAVING POINT (HPP) +0.00.
3. FURNACE F-001A AND F-001BARE IDENTICAL BUT ROTATED 180° (NO MIRRORED). IN THIS DRAWING IS SHOWN HEATER F-001B, BUT VALID ALSO FOR FURNACE F-001A REFER TO FURNACE KEY PLAN FOR ORIENTATION.
LEGEND
REV. DATE REVISION DESCRIPTION PREP. VERF. APPR./AUTHOR
0 05-08 2014 ISSUE FOR CONSTRUCTION
A 03-07 2014 ISSUE FOR APPROVAL
Kinetics Technology
DPSC
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N°2 ACETIC ACID CRACKING FURNACES
DOUBLE PEACH SPECIALTY CHEMICALS
QINGDAO – CHINA
CONVECTION DETAILS – END TUBE SHEETS F-001 B
K160 908 DW 0131 – 012 1 of 2 0
Project Unit Doc. Code & Serial No. Page Rev.
RETURN CODE BY QINGDAO
□ 1 APPROVED
□ 2 APPROVED WITH COMMENTS
□ 3 NOT APPROVED
□ 4 FOR INFORMATION ONLY
KEY PLAN
HEATER F-001A
HEATER F-001B
DETAIL "1"
DETAIL "2"
DETAIL "3"
DETAIL "4"
DETAIL "5"
DETAIL "6"
DETAIL "7"
DETAIL "8"
DETAIL "9" (TYP.)
SECTION "D–D"
SECTION "E–E"
SECTION "F–F"
SECTION "C–C"
VIEW "A–A" (SEE KEY-PLAN)
VIEW "B–B" (SEE KEY-PLAN)
FIXING BOLT DETAIL
FUTURE ROWS PLUG DETAIL (MAT. SS310)
N°1 AS DRAWING – N°1 OPPOSITE HAND
CONVECTION COLUMN
FULL OF REFRACTORY
PIPE EXP. DIR'N
SLEEVE
PIPE
(CONVECTION EXT. PLATE)
(TUBE SHEET)
EXP. DIRECTION
END TUBE SHEET SLOTTED HOLE 22x42 TACK WELD
M20 BOLT
SPECIAL WASHER ø60x5 Thk.
M20 NUT
TACK WELD
HOLES ø22
BOLTS M20
L10/8x8
END T SHEET
PL.14
REFRACTORY
SEE DETAIL "2"
SEE DETAIL "3"
SEE DETAIL "9" (TYP.)
SEE FIXING BOLT DETAIL
U400x200 COMPOSED
U18b
HW200x200x8x12
FUTURE ROWS
T.O.S. ARCH PLATE
EL. +7700
EL. +8660 SLEEVES
1° COIL ROW
EL. +8666.5
EL. +13060 TOP OF CONVECTION
N°3 HOLES ø22 BOLTS M20
N°6 SLEEVES ø=171.3 (SEE DETAIL "6")
N°12 SLEEVES ø=127.3 (SEE DETAIL "5")
N°18 SLEEVES ø=171.3 (SEE DETAIL "6")
N°32 SLEEVES ø=123.9 (SEE DETAIL "8")
N°8 SLEEVES (SEE DETAIL "7")
N°16 SLEEVES ø=123.9 (SEE DETAIL "8")
N°24 SLEEVES ø=123.9 (SEE DETAIL "8")
N°40 SLEEVES ø=123.9 (SEE DETAIL "8")
N°24 REQUIRED
N°48 REQUIRED
N°16 REQUIRED
N°1 APPROVED
N°2 APPROVED WITH COMMENTS
N°3 NOT APPROVED
N°4 FOR INFORMATION ONLY
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