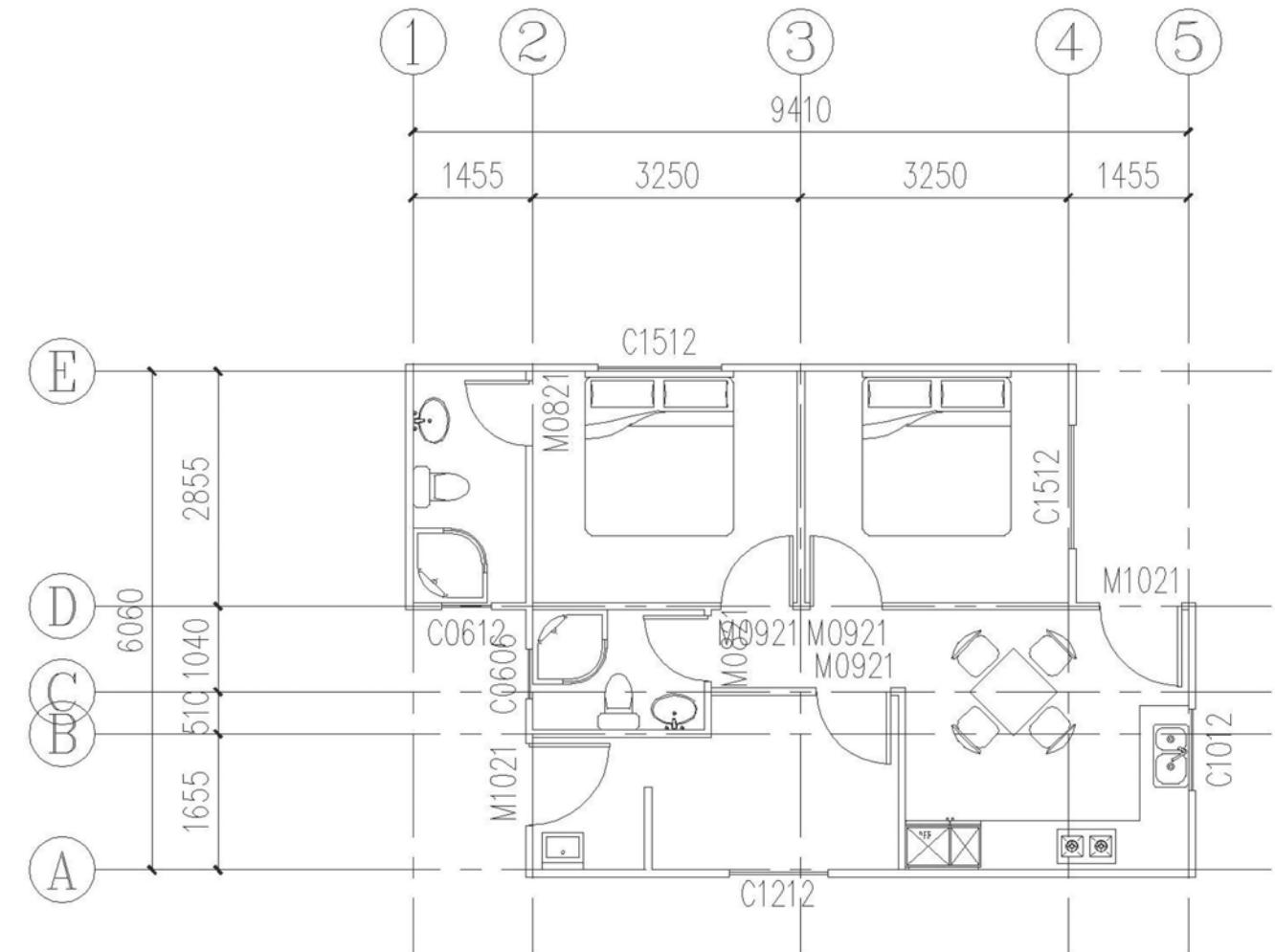


Floor plan

Floor area : 9410mm*6060mm

Exterior wall material (calcium silicate board)
1220*2440*12mm

Interior wall material (calcium silicate board)
1220*2440*12mm



Flat ground

Through the low and high fills-in, transform the original ground plane to meet the needs of building site.





Light steel keel

According to the size of steel structure
design custom steel keel
Cold-formed thin-walled steel is used in this project.
C-section C89x41x11x0.95

First floor structural column

According to the light steel keel structure
design for assembly



Light steel keel wall frame assembly

Assemble each piece of wall frame as a whole
Use self-tapping pins to secure



Roof tripod

Light steel keel tripod assembly





Light steel keel assembly as a whole

Each piece of assembled wall frame, roof frame and roof purlin for the overall assembly, using self-tapping nails fixed.

Roofing system paving

Insulation cotton with colored stone
metal tile installation



Calcium silicate board exterior wall installation

1220*2440*12mm

Specification of calcium silicate board:1220*2440*12mm





Interior wall hydropower pipeline
installation of calcium silicate board
and layout

1220*2440*12mm

Specification of calcium silicate
board:1220*2440*12mm



External wall materials are installed

Plate to plate using adhesive adhesive bonding
Plate and light steel keel are fixed with steel nails



Exterior wall surface decoration

1220*150*8mm

Decoration material: calcium silicate board

Specification of silicon calcium plate:

1220*150*8mm

RG206



Floor plan

13270mm*12325mm

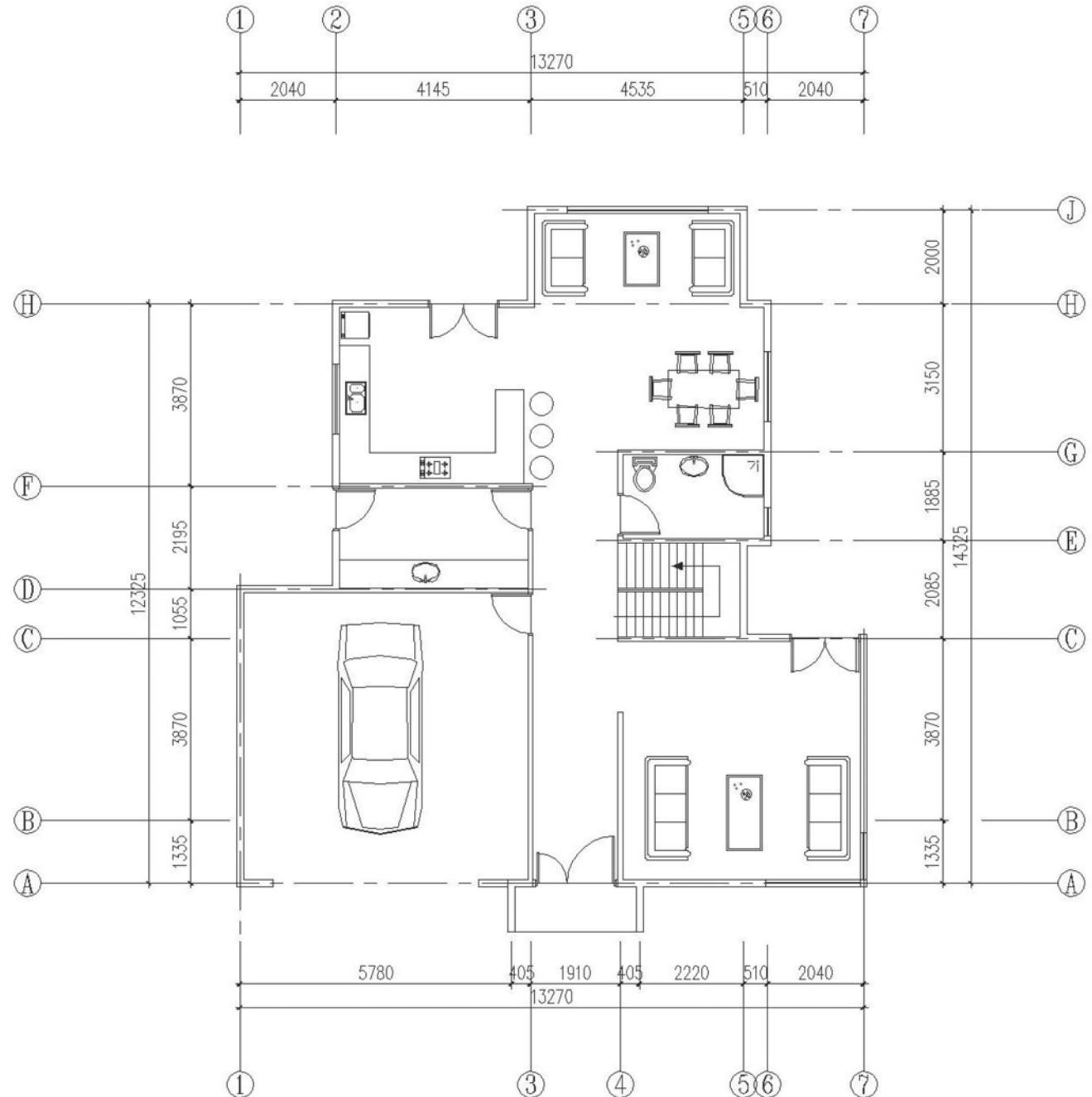
HKB3000*600*75mm

FPB2270*610*100mm

Floor area : 13270mm*12325mm

Exterior wall material : HKB3000*600*75mm

Interior wall material : FPB2270*610*100mm



Second floor plan

13270mm*12325mm

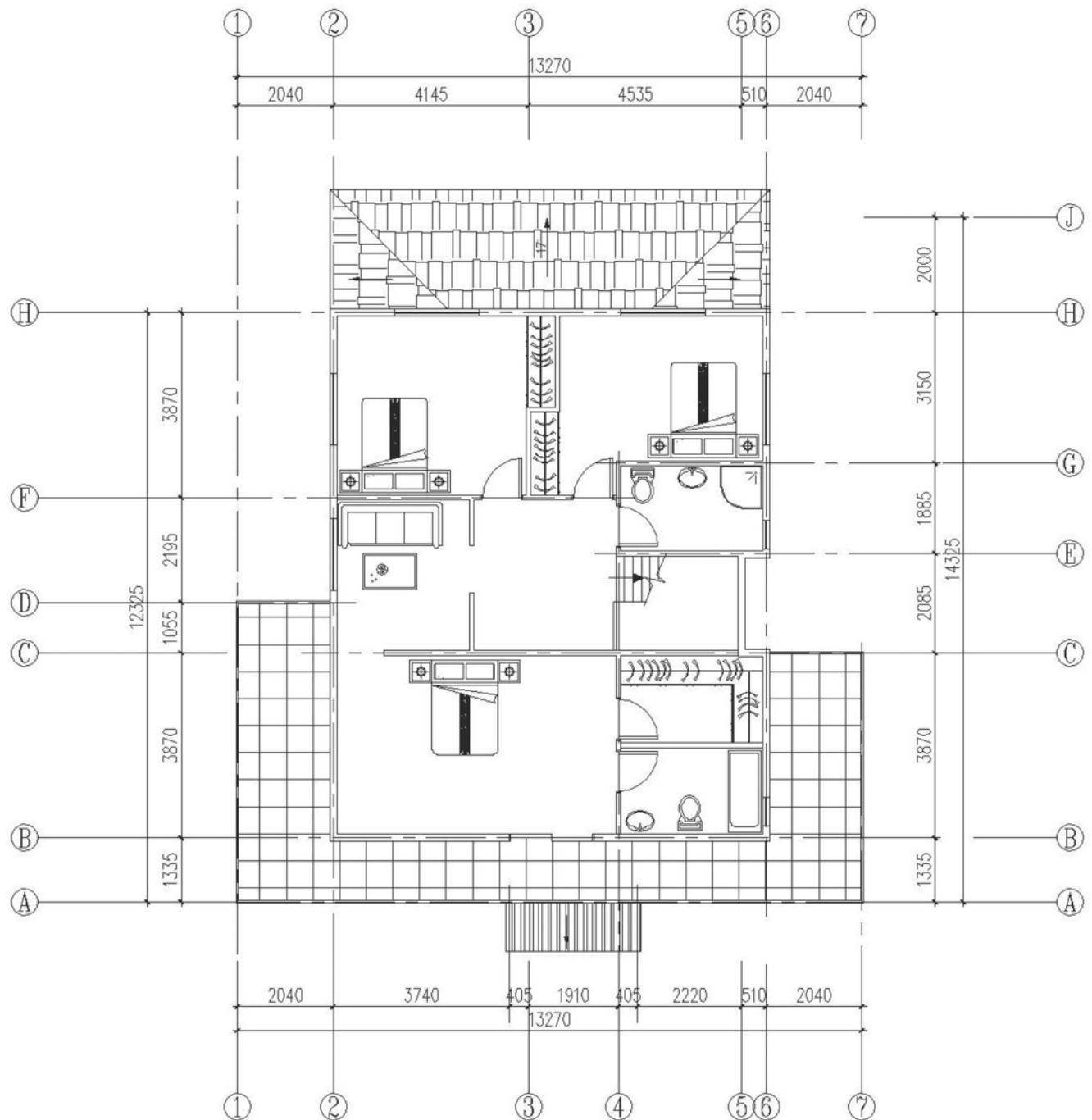
SPB1800*610*90mm

SPB1800*610*90mm

Floor area : 13270mm*12325mm

Exterior wall material : SPB1800*610*90mm

Interior wall material : SPB1800*610*90mm



foundation treatment

Improved strength characteristic
Improved deformation performance
Improved permeability





Foundation binding steel bar

$\Phi 12 @ 350\text{mm}$

Double arrangement of
reinforcement : $\Phi 12 @ 350\text{mm}$

First floor structural column



Second floor structural column



steel column and steel beam forming framework system, the use of high strength bolt connection

Installation of Wallboard on First Floor

Rachel bar used fixed between plates, plates and steel column, steel beam using fixed steel welding





Floor structure of first floor

Spacing 450mm tile C section steel

Installation of Wallboard on Second Floor



Calcium silicate board on exterior wall

600*400*8mm

Specification of calcium silicate board: 600*400*8mm





Exterior wall spraying

RG103



Floor plan

5050mm*9826mm

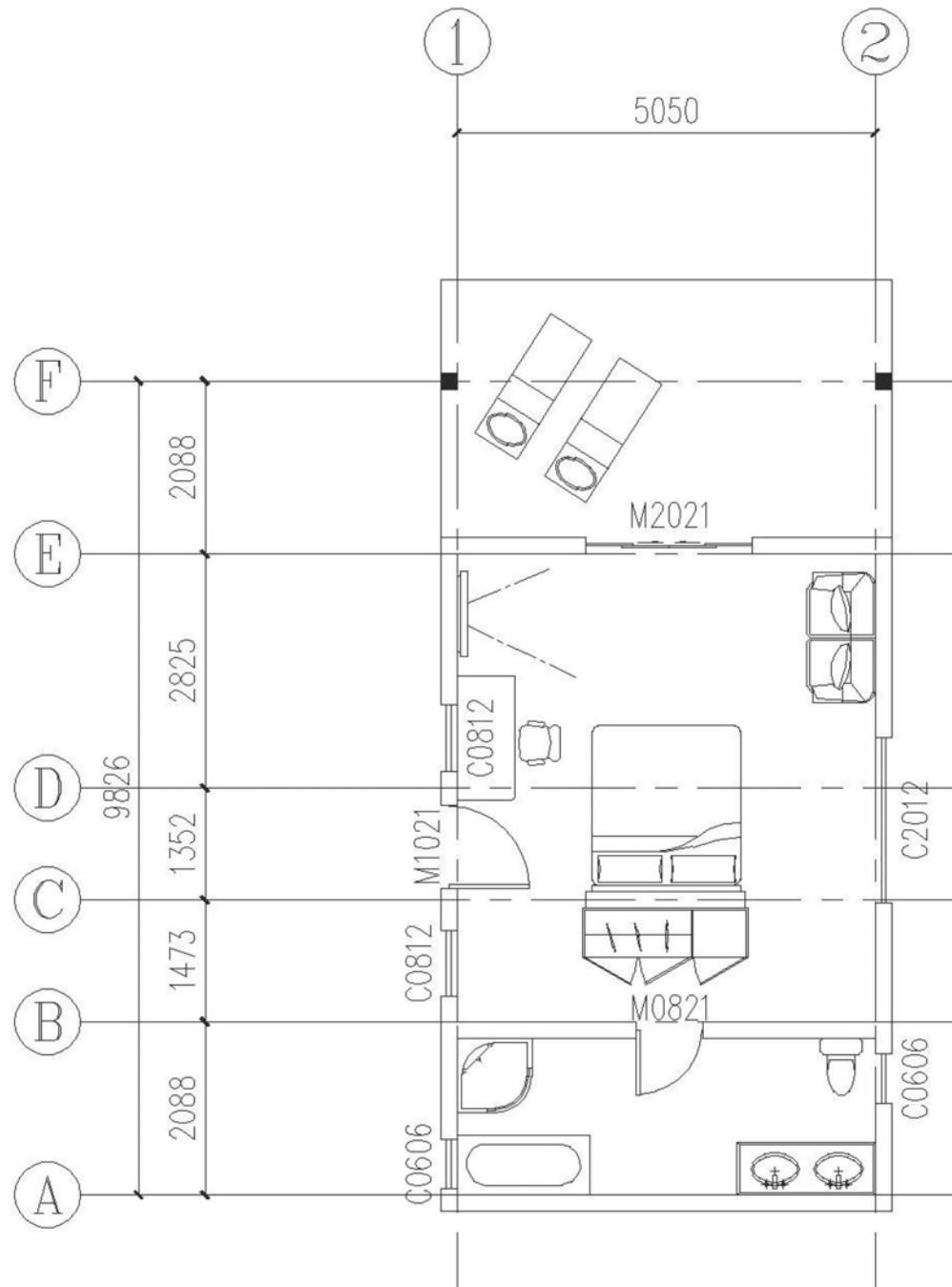
SPB1800*610*90mm

SPB1800*610*90mm

Floor area : 5050mm*9826mm

Exterior wall material : SPB1800*610*90mm

Interior wall material : SPB1800*610*90mm





Foundation binding steel bar

Double arrangement of reinforcement : $\Phi 12 @ 350\text{mm}$





Installation Structural Column

Installation of steel roof trusses

The steel column and the steel beam form the frame system, use the high bolted connection
Triangular roof truss welded as a whole





Paving roof panel

Plate and roof purlin steel nail fixation

Wallboard Installation&Roofing stone metal tile paving





Calcium silicate board on exterior wall

Specification of calcium silicate board: 1220*150*8mm

Exterior wall spraying



Interior decoration 1



Interior decoration 2

