## Total specification of Steel structure

A. design consignment
1.Based on China's current norms and protoeols.
<Code for deign of stel structures)(GB50017-2003) <Code for desien of steel structures>)(GB50017-2003)
<Loading code for deslaz of buildng structures>(GB500-2001)


 Code for selsmic destgn of builidigg>(GB50011-2001) <carbon construction stee>(CB//T700-88)
<Specicicatlon for welding of steel strueture buidnges) (JCNB1-2002)
 <Code for design of concrete structures>)(GB50010-2002)
Code for design of buildiag foundatios) (GB50007-2002)
B. The designed elevation of thls project is: $\pm 0.000$, the relattve positions determined at the sille. C. summary of Structure design:
2. The safety ratity of this project is Grade 2 , and the reasonable ifie span of thls project is 25 years.
3. The basis of a separate deesg7
Roof Dead Load: $0.2 \mathbb{N N / m} 2$

Roof Dead Load: $0.2 \mathrm{my} / \mathrm{m} 2$
$\begin{array}{ll}\text { Soof Live Lood: } & 0.3 \mathrm{~m} / \mathrm{m} 2 \\ \text { Find Load: } \\ 0.25 \\ \mathrm{NV} / \mathrm{m}^{2}\end{array}$
Snow Load: $0.0 \mathrm{IN} / \mathrm{m} 2$
D. Materlal

1. Mán components' materlal of Steel frame beam. plar is/QQ35,1ts matertal clemleal conposslon and mechaviceal

Purlia use cold-formed steel,rith qualty standard\&general Cold forming sectional steel)(GB8723-88)
2.meldus rod

Adapt automatle or seml-automatlo,use < Telled mres>(GB1300-77)


dire with the manganese-based or Might-magegapese-based fuur.




E. Manufacture of Structure


2.Steel processhg should be carried out before the correction, to male $\mathbf{i}$ straghgt.
3.welding requirenents:
 reveurreeqets,othess as per sgrade veleded quaty demand.

 veld length equal to the length of compooest oeediten are full reldh
F. Installation of structure:


2.When liftine.should talke aodrooriate neasures to orevent excessive bendine deformation.


(1). Hisk-strength bolt Blole slowid be adapted drilled pole.


. Descaling and paint of steel structure:



H. If there Is anything else not in thls specficicon, please be strict $\ln$ accordance with

|  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- |
| Project name | ltem | Project No. <br> 1W173 | desIgner | Proportion <br> $1: 200$ |
| Warehouse | design specification | Catagory <br> Proposal | Date <br> 2012. | Page <br> 01 |


Layout of ground floor


| Project name <br> warehouse | ltem | Project No. 1W173 | desgner | $\begin{gathered} \text { Proportion } \\ 1: 200 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Layout of ground floor | Catagory Proposal | $\begin{aligned} & \text { Date } \\ & 2012 . \end{aligned}$ | $\begin{gathered} \text { Page } \\ 02 \end{gathered}$ |




| Project name | ltem | Project No. <br> 1W173 | destgner | $\begin{array}{c\|} \hline \text { Proportion } \\ 1: 200 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: |
| warehouse | Elevation | Catagory <br> Proposal | $\begin{gathered} \hline \text { Date } \\ 2012 . \end{gathered}$ | $\begin{gathered} \text { Page } \\ 04 \end{gathered}$ |



(1)

A-A


(6) (5)


$4 \mathrm{M} 12 * 25$
A


Project name

layout of roof purlin | ltem | Pr |
| :--- | :--- |

| Proj |
| :---: |
|  |

roject
1 W1
Catago
Propos $\qquad$
deslgn
Date
2012.
Proportion
Warehouse
$\qquad$ Proposal 2012

$1 / 8$ axis wall purlin


$$
\nabla^{4.500}
$$

$$
\begin{aligned}
& \frac{1.200}{+} \\
& \nabla^{0.000}
\end{aligned}
$$



Specification List Item Specifictotion(mm) | $\mathrm{XC}-1$ |
| :---: |
| $\mathrm{ZC} 140+50^{*}$ |
| $\mathrm{ZC}-1$ |


(2)
(3)
(4)
(5)
XG-1
XG-1 XG

$\square$

