

Schematic diggram of ground treatment great



<u>Installation d</u>iagram of primary and secondary purins

General description of the network frame design 2. High strength bolts shall be inspected for hardness and appearance inspection root by root, with no cracks or damage. 3. Measures shall be taken during the construction of the embedded parts of the network forms support base to ensure the location, elevation and inflatess of the embedded parts. 4. The root force in the installation process can not appear the internal force value of the situation. 5. In ensure the sancoth installation process can not appear the internal force value of the situation. 6. To ensure the sancoth installation of the grid forms, a detailed construction organization design shall be required. 7. See the building drawing for root of drainings also per of stellais. The relative force value of the situation of the grid grams appeared to the situation of the grid forms, a detailed construction organization design shall be required. 7. See the building drawing for root of ordinaings alsoes for stellais. The relativest forms adopts structure for slope. The feeding support and small column shall be determined by the processing unit. Direct welding on the mash steel boils and rods is not allowed. 8. When water, hearing, electricity and other professional plessies and firiges pass through the network frame, the both below allow exercises and the steel boil of the network frame and pot standard force the steel bein facilitation. Design basis Technical conditions provided by the construction, technology, equipment and other related majors of the project. Technical conditions provided by the construction, technology, equipment and other related majors of the project. The structural design service life of the project is 50 years, and the safety grade of the building structure is Grade II. The building fire resistance rating is Grade II. Grade in the major of the control of the project is 1.5h, and roof load-searing member is 1.h. the major is 1.h. the safety of the project of the project of the project coefficient is 0.04. The design selenic group is the first granulfs select acceptancy is Class III. The basic wind pressure value with a design reference period of 50 years is 0.40 / m2. The ground roughness is Class B. Load standard value per string (excluding dead weight of network frame) 0.50kM / m2. Lower string is 1.00kM / m2. Now live load-lightper string is 0.50kM / m2. The lower string is 1.50kM / m2. Snow load:Basic snow pressure of 0.45 kN/m2 Temperature change: ± 30' The body weight of the network frame rod parts is automatically calculated by the software i) The body weight of the network frome rod parts is automotically calculated by the software Structural design specifications and regulations. Design Standard for Steel Structure (GB50017 – 2017) (GB50018–2002) Technical Specification for Structure (GB50017 – 2017) (GB50018–2002) Technical Specification for Structure of Code-formed Structure Engineering (GB 50205–2001) Code for Load of Building Structure (GB50003–2012) Code for Load of Building Structure (GB5001–2010) (2018) annual edition High Strength Bolts for Bail Noodes of Steel Roats (GB / T 16939–2016) Technical Specification for Space Gd Structure (AJ 7 – 2010) shall not be taked on the network frame too parts.netmore the network name value us. 3. Both ends of all steel pipes shall be closed, and seeling plates shall be set to prevent corrosion in the pipe. 2. The finished components shall be subject to power, must removal to expose the metal color on the steel surface. The rust removal level shall be set to prevent corrosion in the pipe. 3. After the steel is rust removal, point teo epoxy zinc-rich primers, 80 m epoxy cloud iron intermediate point 70 m, and fire-proci cooling. The project fire resistance grades 2, using non-exponents fire prevention cooling of 20-7mm, fire resistance time limit of 1.5m esistance performance. The quality and construction of the fire protection cooling with the requirements of the technical dode for Fire Protection Cooling Set Set Structurel (CBS14907-2002). 4. The structural components shall be maintained regulatory. During the design service life of the main structure, the maintained period of the technical and the point firm damage of the steel structurel components shall be cooled in time arrived in the service life of the products used. 5. When maintained around the network frame, it should be connected with the original structure to balance the horizontal force separation. Bolt Ball node (JG / T10- -2009) Technical Specification for Welding of Building Steel Structure (JGJB1-2011) Technical Specification for High-Strength Bolting Connecting of Steel Structure (JGJB2-2011) Lections appeared to in regime the part of the project doubt and the project doubt be selected from structure, the support form is the lower strip support, the bolt boll node, for the doubte-loyer forward-put four-angle core plane mesh frame. The network frame is supported on the concrete columns on both sides, and the support is fininged with the concrete column needs the design statistic specify be use of the structure. We shall be supported to the support is fininged with the concrete column needs the design starting stepsibly the use of the structure, destrip the structure is considered to the changed within the design startice life without technical three-The nativors forms structure is colculated and designed using MST2020 software. seven.other Instillation of the structure shall conform to the colculation and assumption of the network frame. Maximum colculated deflection of L = 250. The Sheel Structure Controctor shall conduct construction of externe temperatures, with an ideal frame design temperature of (10 $^{\circ}$ to 16 $^{\circ}$). It should be constructed by the enterprises with the steel structure special Class A construction qualification. our, material for Training and Societies as Collections and Georgians using as 32220 solventure. 1. Setel pipe shall be of Q2359, which welded setel pipe (GB / T 3022) or soomless steel pipe (GB / T 8025). 2. Setel boils adopts steel No.45 forging meeting GB 699 for High Quolity Carbon Structural Steel with a yield strength of 360 N/mm². 3. High steeting housing for the redwork frome use 4000 with GB / T 8235 of Tachnical Conditions for High Quolity Carbon Structural 3. Tone head sealing plote adopts Q2359 steel, and cone head adopts forging. Tube inner diameter < M33 is Q2359 steel and sleeve diameter > M33 is Q3558. diameters M33 is 03558. (2038) sete forging For high strength bolts, steel forging 45 for diameters M30. The lostening screes are 40Cr. The bose, embedded pitch, support and its connections are made of 02358 steel. Furfix is of cold bent thin wall steel made of 02258 steel. Furfix is of cold bent thin wall steel made of 02258 steel. Furfix is of cold bent thin wall steel made of 02258 steel. On the cold steel number shall be bent to be the current rational standard, with a performance grade of Class 4.8. On the above steel number shall be best the quality certificate and reinspection report of the materials, which shall meet the requirements of the current notional standards with the shall meet the steel shall be of 6.3 series sectorioes. In he welding road on wire for seeking shall meet the requirements of the current notional standards with the shall be of 6.3 series sectorioes. In he welding road on wire for seeking shall meet the requirements of the current notional standards will be series sectorioes. In he welding not measured yield strength of steel and that of tensile strength shall not be greater than 0.85. Bar butt drawing Steel shall have obvious yield steps and elongation shall not be less than 20%. Is Steel shall have good welding and qualified import boughes. The qualify standard of Q235B steel shall comply with Carbon Structual Steel (G8700-88), and when Q355B shall comply with OB / T1491 of Low Alloy and High Strength Structural Steel. All steel shall have enable strength, cold bending test and optified guarantee of carbon, suffur and phosphorus content. The welded structure shall still have a qualified guarantee of carbon content. ive.Production and installation requirements 1. Welding Welding 1. Welding 1. Welding 1. Welding 1. Welding 1. Steel pipe and cone head (seeling plote) ore welded with E43 welding strip, with full weld requirements, with no defects such as also clare, oir hole, no welding personal plote and ball, bit shall be prefected 150-200 before welding. 2. All butt welds shall be inspected according to the secondary welds in G850205. 3. Welding shall be operated by the professional personnel. The welding person shall pass the examination and obtain the qualification certificate, and hold the certificate within the validity period.