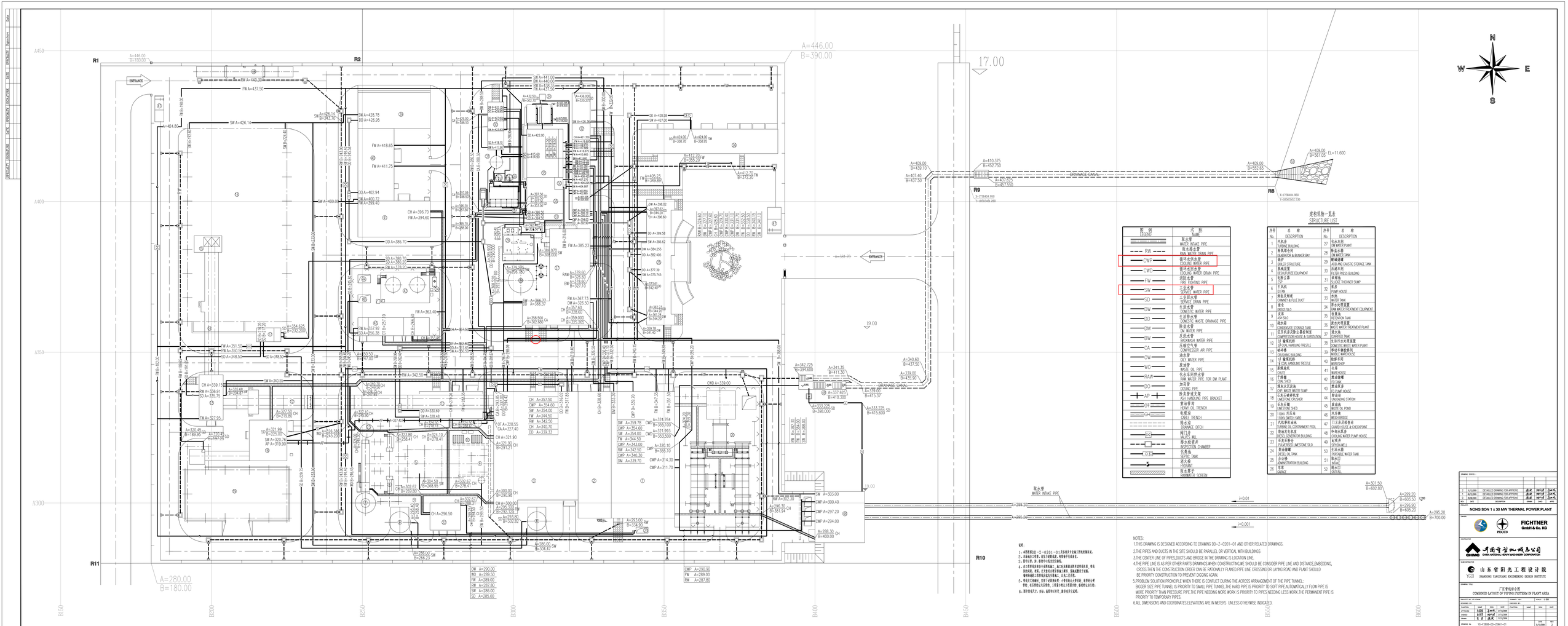


| 图 例 LEGEND | 名 称 NAME |
|---|---|
| RAW | 取水管 WATER INTAKE PIPE |
| RW | 雨水排水管 RAIN WATER DRAIN PIPE |
| CWP | 循环水供水管 COOLING WATER PIPE |
| CWD | 循环水排水管 COOLING WATER DRAIN PIPE |
| FW | 消防水管 FIRE FIGHTING PIPE |
| SW | 工业水管 SERVICE WATER PIPE |
| SD | 工业排水管 SERVICE DRAIN PIPE |
| DW | 生活水管 DOMESTIC WATER PIPE |
| DD | 生活排水管 DOMESTIC WASTE DRAINAGE PIPE |
| DM | 除盐水管 DM WATER PIPE |
| BW | 反洗水管 BACKWASH WATER PIPE |
| CA | 压缩空气管 COMPRESSOR AIR PIPE |
| OW | 油水管 OILY WATER PIPE |
| WO | 废油管 WASTE OIL PIPE |
| RAW | 化水车间供水管 RAW WATER PIPE FOR DM PLANT |
| DO | 加药管 DOSING PIPE |
| AP | 除灰管道支架 ASH HANDLING PIPE BRACKET |
| OH | 重油管沟 HEAVY OIL TRENCH |
| CH | 电缆沟 CABLE TRENCH |
| | 排水沟 DRAINAGE DITCH |
| | 阀门井 VALVES WELL |
| | 排水检查井 INSPECTION CHAMBER |
| | 化粪池 SEPTIC TANK |
| | 消火栓 HYDRANT |
| | 雨水篦子 RAINWATER SCREEN |

## 建构筑物一览表
## STRUCTURE LIST

| 序号 No. | 名 称 DESCRIPTION | 序号 No. | 名 称 DESCRIPTION |
|---|---|---|---|
| 1 | 汽机房 TURBINE BUILDING | 27 | 化水车间 DM WATER PLANT |
| 2 | 除氧器水列 DEAERATOR & BUNKER BAY | 28 | 除盐水箱 DM WATER TANK |
| 3 | 锅炉 BOILER STRUCTURE | 29 | 酸碱储罐 ACID AND CAUSTIC STORAGE TANK |
| 4 | 脱硫装置 DESULFURIZE EQUIPMENT | 30 | 压滤车间 FILTER PRESS BUILDING |
| 5 | 电除尘器 ESP | 31 | 泥浓缩池 SLUDGE THICKNESS SUMP |
| 6 | 引风机 ID FAN | 32 | 泵房 PUMP HOUSE |
| 7 | 烟囱及烟道 CHIMNEY & FLUE DUCT | 33 | 水池 WATER TANK |
| 8 | 灰仓 ASHES SILO | 34 | 雨水处理装置 RAIN WATER TREATMENT EQUIPMENT |
| 9 | 灰渣 ASH SILO | 35 | 污泥池 SEDIMENTATION TANK |
| 10 | 凝水池 CONDENSATE STORAGE TANK | 36 | 废水处理装置 WASTE WATER TREATMENT PLANT |
| 11 | 空压机房及除尘器控制室 COMPRESSOR HOUSE & SUBSTATION | 37 | 澄清池 CLARIFIER TANK |
| 12 | 7#输煤栈桥 7# COAL HANDLING TRESTLE | 38 | 生活污水处理装置 DOMESTIC WASTE WATER PLANT |
| 13 | 储煤筒 ONGOING BUILDING | 39 | 移动车辆检修间 MOBILE WARSHOUSE |
| 14 | 1#输煤栈桥 1# COAL HANDLING TRESTLE | 40 | 检修车间 WORKSHOP |
| 15 | 渣棚地坪 CHUTE | 41 | 仓库 WAREHOUSE |
| 16 | 干煤棚 COAL SHED | 42 | 燃油储罐 FUEL TANK |
| 17 | 煤灰水沉淀池 CHP. WASTE WATER SUMP | 43 | 燃油泵房 OIL PUMP HOUSE |
| 18 | 石灰石破碎机室 LIMESTONE CRUSHER | 44 | 卸油坑 UNLOADING STATION |
| 19 | 石灰石棚 LIMESTONE SHED | 45 | 废油池 WASTE OIL POND |
| 20 | 110KV 开关站 110KV SWITCH YARD | 46 | 汽车衡 WEIGH BRIDGE |
| 21 | 汽机厂房围油池 TURBINE OIL CONTAINMENT POOL | 47 | 门卫及进检查站 GUARD HOUSE & CHECKPOINT |
| 22 | 柴油发电机室 DIESEL GENERATOR BUILDING | 48 | 冷却水泵房 COOLING WATER PUMP HOUSE |
| 23 | 石灰石粉仓 PULVERIZED LIMESTONE SILO | 49 | 虹吸井 SIPHON WELL |
| 24 | 柴油储罐 DIESEL OIL TANK | 50 | 生活水箱 PORTABLE WATER TANK |
| 25 | 办公楼 ADMINISTRATION BUILDING | 51 | 取水口 INTAKE |
| 26 | 车库 GARAGE | 52 | 排水口 OUTFALL |

NOTES:

1.THIS DRAWING IS DESIGNED ACCORDING TO DRAWING D0-Z-0201-01 AND OTHER RELATED DRAWINGS.

2.THE PIPES AND DUCTS IN THE SITE SHOULD BE PARALLEL OR VERTICAL WITH BUILDINGS.

3.THE CENTER LINE OF PIPES,DUCTS, AND BRIDGE IN THE DRAWING IS LOCATION LINE.

4.THE PIPE LINE IS AS PER OTHER PARTS DRAWINGS.WHEN CONSTRUCTING,WE SHOULD BE CONSIDER PIPE LINE AND DISTANCE,EMBEDDING, CROSS.THEN THE CONSTRUCTION ORDER CAN BE RATIONALLY PLANED.PIPE LINE CROSSING OR LAYING ROAD AND PLANT SHOULD BE PRIORITY CONSTRUCTION TO PREVENT DIGGING AGAIN.

5.PROBLEM SOLUTION PRINCIPLE WHEN THERE IS CONFLICT DURING THE ACROSS ARRANGEMENT OF THE PIPE TUNNEL: BIGGER SIZE PIPE TUNNEL IS PRIORITY TO SMALL PIPE TUNNEL.THE HARD PIPE IS PRIORITY TO SOFT PIPE.AUTOMATICALLY FLOW PIPE IS MORE PRIORITY THAN PRESSURE PIPE.THE PIPE NEEDING MORE WORK IS PRIORITY TO PIPES NEEDING LESS WORK.THE PERMANENT PIPE IS PRIORITY TO TEMPORARY PIPES.

6.ALL DIMENSIONS AND COORDINATES/ELEVATIONS ARE IN METERS UNLESS OTHERWISE INDICATED.

说明:

1、本图根据D0-Z-0201-01及其他有关专业施工图纸绘制而成。
2、本图确定工程管、构筑物及建筑物的平面位置关系。
3、图中管线、线、构筑物中心线为定位线。
4、本工程管线及设备平面布置图、施工图设计图纸及其他有关专业图纸图纸，管线间距、埋深、交叉要求应按照管线施工顺序、管线间距要求于现场，确保管线施工完整性及安全要求。以免二次开挖。
5、管线交叉碰撞，应按下述原则处理：小管径让大管径，管线一般让设备，管线应让建筑物，但应保证安全及功能，工程量小的让工程量大的，临时的让永久的。
6、图中所有尺寸，单位，高程均以米计，除标注有不足外。

| REV. | DATE | DESCRIPTION | DRAWN | CHECKED | APPROVED |
|---|---|---|---|---|---|
| 1 | 31/12/08 | DETAILED DRAWING FOR APPROVE | 赵武 | 刘中华 | 王兴东 |
| 2 | 31/12/08 | DETAILED DRAWING FOR APPROVE | 赵武 | 刘中华 | 王兴东 |
| 3 | 28/08/09 | DETAILED DRAWING FOR APPROVE | 赵武 | 刘中华 | 王兴东 |

PROJECT: NONG SON 1 x 30 MW THERMAL POWER PLANT

OWNER: PRICE FICHTNER GmbH & Co. KG

CONTRACTOR: CHMC 中国有色金属工业昆明设计院 CHINA NATIONAL HEAVY MACHINERY CORPORATION

SUB-CONTRACTOR: YCDI 山东省阳光工程设计院 SHANDONG YANGGUANG ENGINEERING DESIGN INSTITUTE

DRAWING TITLE: 厂区管线综合图 COMBINED LAYOUT OF PIPING SYSTEM IN PLANT AREA

| PROJECT No. / FILE CODE | | | | | DRAWING No. / SHEET | | | | SCALE: 1:200 |
|---|---|---|---|---|---|---|---|---|---|
| DESIGNED BY | | | | | DRAWN BY | | | | |
| | NAME | DATE | SIGN. | DATE | CHECKED | NAME | DATE | SIGN. | DATE |
| DRAWN | 赵武 | 31/12/08 | | | | | | | |
| APPROVED | 王兴东 | 31/12/08 | | | | | | | |
| CHECKED | 刘中华 | 31/12/08 | | | | | | | |
| DESIGN | 赵武 | 31/12/08 | | | | | | | |
| DRAWING No. | YC-Z0608-D0-Z0601-01 | | | | | | DATE | REV. | |
| | | | | | | | 31/12/08 | 2 | |