GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.		1

STATE OF MISSISSIPPI

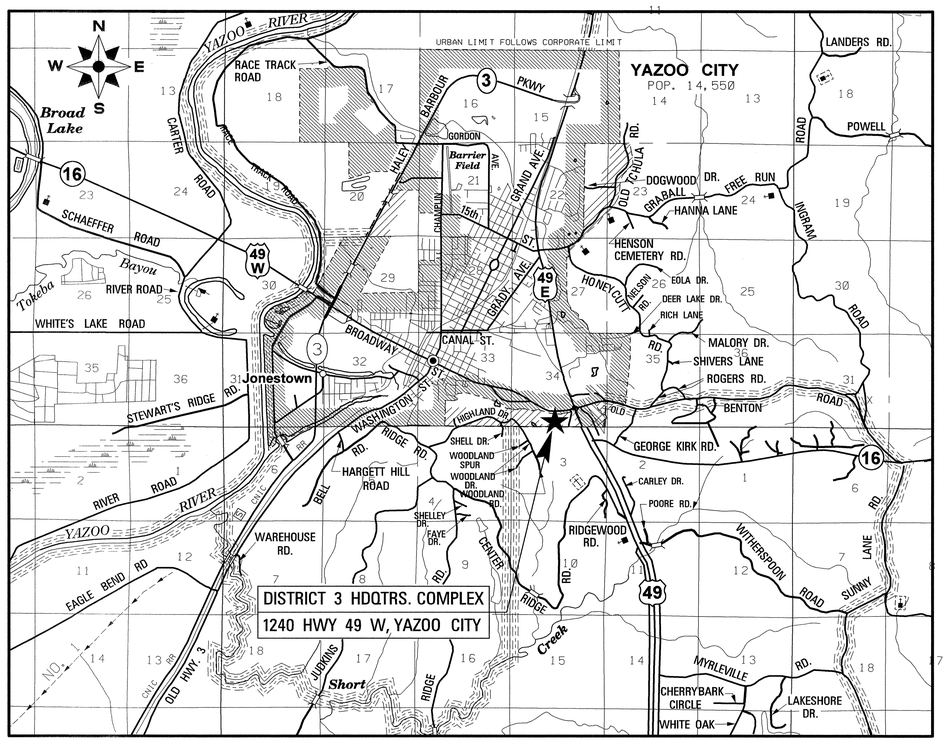
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

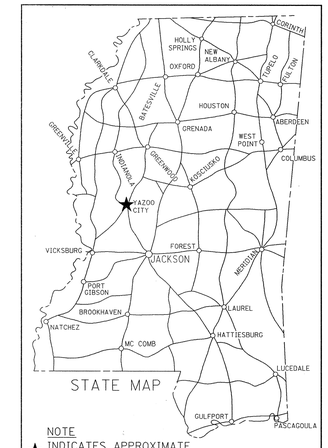
EMERGENCY GENERATORS AND VEHICLE WASH SYSTEM FOR DISTRICT THREE HEADQUARTERS COMPLEX AT YAZOO CITY, MISSISSIPPI

STATE PROJECT NO. BWO-3001-82(008)

501764 /301000

YAZOO COUNTY





NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 32°50'21.45"N LONG. 90°23'34.59"W
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

_____ MPH = V (SPEED DESIGN)

ADT (____) =_____: ADT (____) =_____

DHV =_____ : D =_____% T=_____%

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT [N]

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES +)(NTB 586)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 14)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: [signature] DATE: 11-23-09

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN CORPORATION LINE
SECTION LINE
EXISTING ROAD OR TRAVELED WAY
PROPOSED ROAD OR TRAVELED WAY
RAILROAD
SURVEY LINE
BRIDGES

ASU

APPROVED: [signature] 11/24/09
CHIEF ENGINEER DATE

[signature] 11/24/09
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

DATE	REVISIONS	BY

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/24/2009 9:36 AM G:\TITLE.DGN, DGN

STATE	PROJECT NO.
MISS.	BWO-3001-82(008)

PLUMBING ABBRREVIATIONS

ABBREVIATION/DEFINITION		ABBREVIATION/DEFINITION	
A/C	ABOVE CEILING	FLR	FLOOR
AD	AREA DRAIN	G	LOW PRESSURE GAS
AFF	ABOVE FINISHED FLOOR	GEN	GENERAL
AFG	ABOVE FINISHED GRADE	HB	HOSE BIBB
AV	ACID VENT	HD	HUB DRAIN
AW	ACID WASTE	HPG	HIGH PRESSURE GAS
B/F	BELOW FLOOR	HWR	HOT WATER RETURN
B/G	BELOW GRADE	HW	HOT WATER
BLDG	BUILDING	ID	INDIRECT WASTE
CB	CATCH BASIN	INV	INVERT
CI	CAST IRON	LOC	LOCATION
CL	CENTER LINE	MPG	MEDIUM PRESSURE GAS
CO	CLEANOUT	NIC	NOT IN CONTRACT
CONT	CONTINUATION	OSD	OPEN SITE DRAIN
CONTR	CONTRACTOR	PLBG	PLUMBING
CW	COLD WATER	PRV	PRESSURE REDUCING VALVE
D	DRAIN	PVC	POLYVINYL CHLORIDE
DN	DOWN	RD	ROOF DRAIN
DTL	DETAIL	SAN	SANITARY
DWGS	DRAWINGS	SD	STORM DRAIN
DWR	CHILLED DRINKING WATER RETURN	SP	SPRINKLER
DWS	CHILLED DRINKING WATER SUPPLY	STR	STRAINER
EL	ELEVATION	SW	SOFT COLD WATER
EWC	ELEC. WATER COOLER	TSW	TAMPER SWITCH
F	FIRE LINE	V	VENT
FCO	FLOOR CLEANOUT	VTR	VENT THROUGH ROOF
FC	FLEXIBLE CONNECTION	W	WASTE
FD	FLOOR DRAIN	W/	WITH
FFE	FINISHED FLOOR ELEVATION	WCO	WALL CLEANOUT
FGCO	FINISHED GRADE CLEANOUT	WH	WALL HYDRANT

NOTE: THESE ARE STANDARD ABBREVIATIONS, ALL ABBREVIATIONS SHOWN ABOVE MAY NOT APPEAR ON DRAWINGS.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
W	WASTE (SOIL PIPE)
GW	GREASE WASTE
	STORM DRAIN
	VENT
AW	ACID WASTE
AV	ACID VENT
	DOMESTIC COLD WATER SUPPLY
	DOMESTIC HOT WATER SUPPLY (110°F)
	DOMESTIC HOT WATER RETURN (110°F)
	DOMESTIC HOT WATER SUPPLY (140°F)
	DOMESTIC HOT WATER RETURN (140°F)
	DOMESTIC HOT WATER SUPPLY (180°F)
	DOMESTIC HOT WATER RETURN (180°F)
SW	SOFT COLD WATER
DWS	CHILLED DRINKING WATER SUPPLY
DRW	CHILLED DRINKING WATER RETURN
	TRAP
	RISER DOWN (ELBOW)
	RISER UP (ELBOW)
	RISE OR DROP
	BRANCH – BOTTOM CONNECTION
	BRANCH – TOP CONNECTION
	BRANCH – SIDE CONNECTION
	VALVE IN RISER
	ANGLE VALVE
	BALANCING VALVE
	STOP AND WASTE VALUE
	CHECK VALVE
	GATE VALVE
	GLOBE VALVE
	MOTOR OPERATED VALVE
	PRESSURE REDUCING VALVE
	SOLENOID OPERATED VALVE
	UPRIGHT SPRINKLER
	PENDENT SPRINKLER
	CONCEALED SPRINKLER

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	FLOOR CLEANOUT
	VALVE IN CAST IRON BOX W/ CONC. PAD
	FLOOR CLEANOUT
	FLOOR SINK W/ HALF GRATE
	FLOOR DRAIN W/ FULL GRATE
	FLOOR DRAIN
	HUB DRAIN OR OPEN SITE DRAIN
	HOSE BIBB
	WALL HYDRANT
	FLOW SWITCH
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	STRAINER
	UNION
	CAP ON END OF LINE
	PLUGGED TEE
	THERMOMETER
	PRESSURE GAUGE WITH GAUGE COCK
	FLEXIBLE CONNECTION
	PIPE ANCHOR
	CONNECT TO EXISTING
	FLOW INDICATOR FOR PORTABLE METER
	FLOW – IN DIRECTION OF ARROW
	THERMOSTATIC MIXING VALVE
	BACKFLOW PREVENTER W/ STRAINER
	GAS SHUT-OFF VALVE
	GAS REGULATOR
	FLUSH GRADE CLEANOUT W/CONC. PAD
	ROOF DRAIN
	SIAMESE FIRE CONNECTION
	STANDPIPE W/FIRE DEPT. VALVE
	METER
	TEMPERATURE & PRESSURE RELIEF VALVE
	PRESSURE RELIEF VALVE
RISER SHEET	PLUMBING RISER INDICATOR

NOTE: THIS IS A STANDARD LEGEND. ALL ITEMS SHOWN MAY NOT APPEAR ON DRAWINGS.

PLUMBING GENERAL NOTES:

1. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC, PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC..
2. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
3. COORDINATE UNDERGROUND PIPING WITH GRADE BEAMS AND WALL FOOTINGS.
4. DO NOT RUN PLUMBING PIPING THROUGH ELECTRICAL ROOMS OR DIRECTLY ABOVE ELECTRICAL PANELS OR THROUGH OTHER WATER SENSITIVE AREAS.
5. HEAT TRACE (@5 WATTS PER FT) AND INSULATE ALL SUPPLY PIPING SUBJECT TO FREEZING.
6. PLUMBING CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL ASSOCIATED COST.
7. ALL EQUIPMENT, PIPING, APPURTENANCES SHALL BE PROTECTED FROM DEBRIS AND DAMAGE. SENSITIVE EQUIPMENT SHALL NOT BE DELIVERED TO THE JOB SITE UNTIL SUCH TIME AS IT IS TO BE INSTALLED. PIPING ENDS SHALL BE CLOSED BY TEMPORARY MEANS WHEN PORTIONS OF THE SYSTEM ARE NOT COMPLETE.

LIST OF DRAWING SHEETS

WORKING NO.	SHEET NO.	DESCRIPTION
---	1	TITLE SHEET
P0.1	2	DETAILED INDEX, PLUMBING LEGEND, ABBREVIATIONS, AND GENERAL NOTES
P1.0	3	SITE PLAN, LARGE SCALE FLR. PLANS & DETAILS – PLUMBING
P1.1	4	PARTIAL SHOP FLOOR PLAN – PLUMBING
P1.2	5	PLUMBING DETAILS
E1.1	6	SITE PLAN – ELECTRICAL
E2.0	7	ELECTRICAL SINGLE LINE DIAGRAMS
E3.0	8	PARTIAL FLOOR PLANS AND ELECTRICAL SCHEDULES

PS & E PLANS–DATE: 11/23/09		
FMS CON. # 501764/103000		
REVISIONS		
DATE	SHEET NO.	BY

ASU

ROBERT J. BIRD
REGISTERED PROFESSIONAL ENGINEER
ENGINEER
13605
11/23/09
STATE OF MISSISSIPPI

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

EMERGENCY GENERATORS AND VEHICLE WASH SYSTEM FOR DISTRICT THREE HEADQUARTERS COMPLEX AT YAZOO CITY

PLUMBING LEGEND, ABBREVIATIONS, AND GENERAL NOTES

BWO-3001-82(008) YAZOO COUNTY

FILENAME: JAN0005P001.DWG

DESIGN TEAM HESM&A CHECKED WCH DATE 11/23/09

WORKING NUMBER P0.1

SHEET NUMBER 2