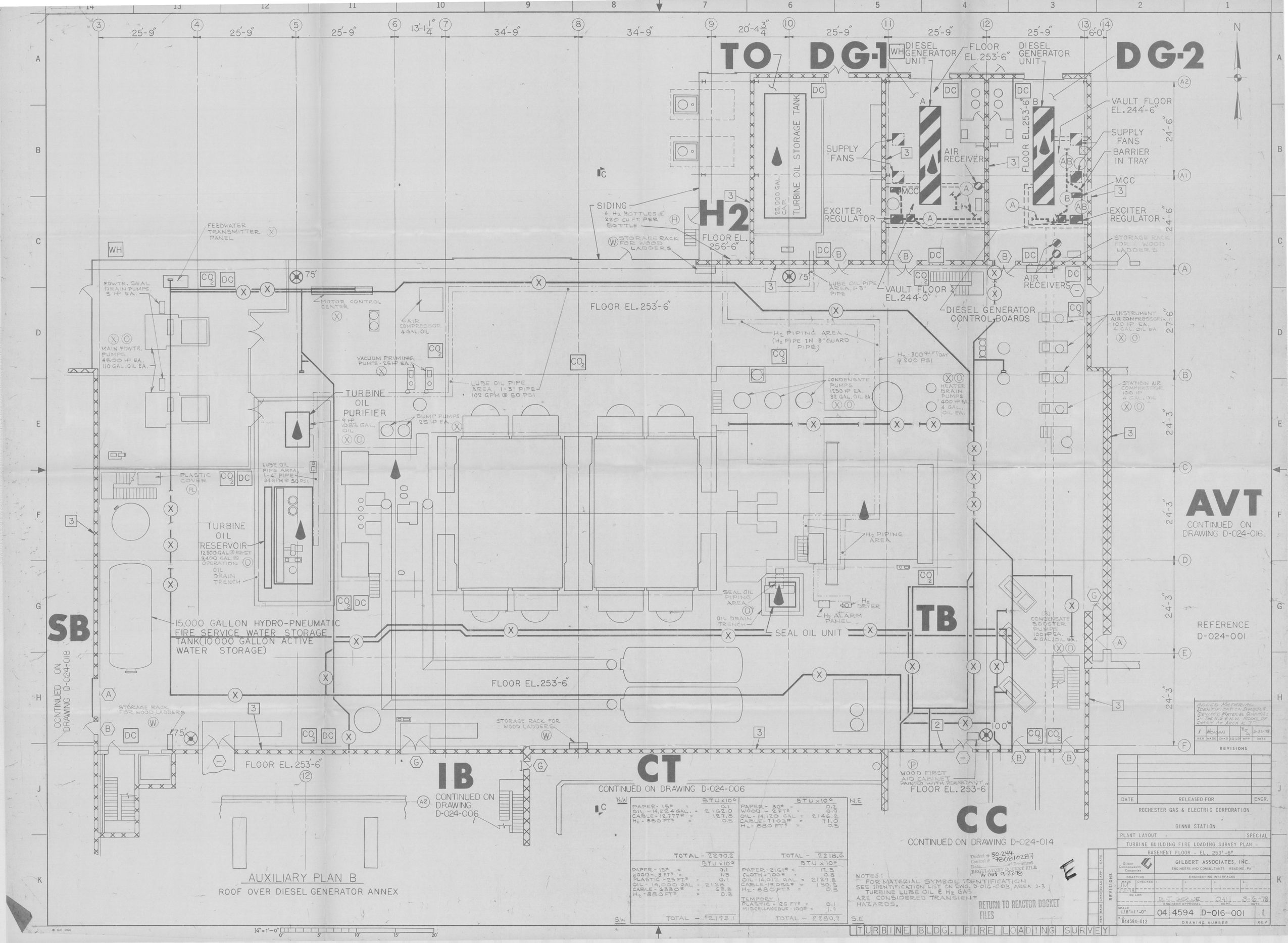
TO DG-1
DG-2
DIESEL GENERATOR UNIT
FLOOR EL. 253'-6"
VAULT FLOOR EL. 244'-6"
SUPPLY FANS
BARRIER IN TRAY
AIR RECEIVER
MCC
EXCITER REGULATOR
STORAGE RACK FOR WOOD LADDERS
TURBINE OIL STORAGE TANK
25,000 GAL. CAP.
H2
FLOOR EL. 256'-6"
SIDING
4 H2 BOTTLES @ 220 CU FT PER BOTTLE
FEEDWATER TRANSMITTER PANEL
FDWTR. SEAL DRAIN PUMPS 5 HP EA.
MAIN FDWTR. PUMPS 4500 HP EA. 110 GAL. OIL EA.
MOTOR CONTROL CENTER
AIR COMPRESSOR 4 GAL. OIL
VACUUM PRIMING PUMPS - 25 HP EA.
LUBE OIL PIPE AREA 1-3" PIPE 102 GPM @ 50 PSI
TURBINE OIL PURIFIER 9 HP 1083 GAL. OIL
SUMP PUMPS 25 HP EA.
PLASTIC COVER
LUBE OIL PIPE AREA 1-4" PIPE 34 GPM @ 50 PSI
TURBINE OIL RESERVOIR 12,500 GAL @ REST 9,400 GAL @ OPERATION
OIL DRAIN TRENCH
15,000 GALLON HYDRO-PNEUMATIC FIRE SERVICE WATER STORAGE TANK (10,000 GALLON ACTIVE WATER STORAGE)
SB
CONTINUED ON DRAWING D-024-018
FLOOR EL. 253'-6"
H2 PIPING AREA (H2 PIPE IN 3" GUARD PIPE)
H2 - 300 CU. FT/DAY @ 200 PSI
CONDENSATE PUMPS 1250 HP EA. 32 GAL. OIL EA.
HEATER DRAIN PUMPS 600 HP EA. 4 GAL. OIL EA.
INSTRUMENT AIR COMPRESSORS 100 HP EA. 4 GAL. OIL EA.
STATION AIR COMPRESSOR 100 HP 4 GAL. OIL
AVT
CONTINUED ON DRAWING D-024-016
REFERENCE D-024-001
H2 PIPING AREA
SEAL OIL PIPING AREA
OIL DRAIN TRENCH
H2 DRYER
H2 ALARM PANEL
SEAL OIL UNIT
TB
CONDENSATE BOOSTER PUMPS 100 HP EA. 4 GAL. OIL EA.
IB
CONTINUED ON DRAWING D-024-006
CT
CONTINUED ON DRAWING D-024-006
WOOD FIRST AID CABINET PAINTED WITH "REFLECTANT"
CC
CONTINUED ON DRAWING D-024-014
AUXILIARY PLAN B
ROOF OVER DIESEL GENERATOR ANNEX
N.W
N.E
S.W
S.E
PAPER - 15# = 0.1
OIL - 14,224 GAL. = 2162.0
CABLE - 12,777# = 127.8
H2 - 880 FT3 = 0.3
TOTAL - 2290.2
PAPER - 30# = 0.2
WOOD - 2 FT3 = 0.9
OIL - 14,120 GAL. = 2146.7
CABLE - 7103# = 71.0
H2 - 880 FT3 = 0.3
TOTAL - 2218.6
PAPER - 15# = 0.1
WOOD - 3 FT3 = 1.3
PLASTIC - 25 FT3 = 0.1
OIL - 14,000 GAL = 2128
CABLE - 6330# = 63.3
H2 - 880 FT3 = 0.3
TOTAL - 2193.1
PAPER - 216 1# = 17.3
CLOTH - 700# = 0.8
OIL - 14,012 GAL. = 2129.8
CABLE - 13,054# = 130.5
H2 - 880 FT3 = 0.3
TEMPORY
PLASTIC - 125 FT3 = 0.1
MISCELLANEOUS - 100# = 1.9
TOTAL - 2280.7
NOTES:
FOR MATERIAL SYMBOL IDENTIFICATION SEE IDENTIFICATION LIST ON DWG. D-016-003, AREA J-3
TURBINE LUBE OIL & H2 GAS ARE CONSIDERED TRANSIENT HAZARDS.
RETURN TO REACTOR DOCKET FILES
Docket # 50-244
Control # 7806010287
Date of Document 6/1/78
REGULATORY DOCKET FILE
hr did 9-22-78
ADDED MATERIAL IDENTIFICATION SYMBOLS. REVISED MATERIAL QUANTITIES IN THE N.E & N.W. AREAS OF CHART AT AREA K-7
REVISIONS
ROCHESTER GAS & ELECTRIC CORPORATION
GINNA STATION
PLANT LAYOUT
SPECIAL
TURBINE BUILDING FIRE LOADING SURVEY PLAN -
BASEMENT FLOOR - EL. 253'-6"
GILBERT ASSOCIATES, INC.
ENGINEERS AND CONSULTANTS READING, PA
R.J. GRUNE 3-6-78
SCALE 1/8"=1'-0"
04 4594 D-016-001 1
TURBINE BLDG. FIRE LOADING SURVEY