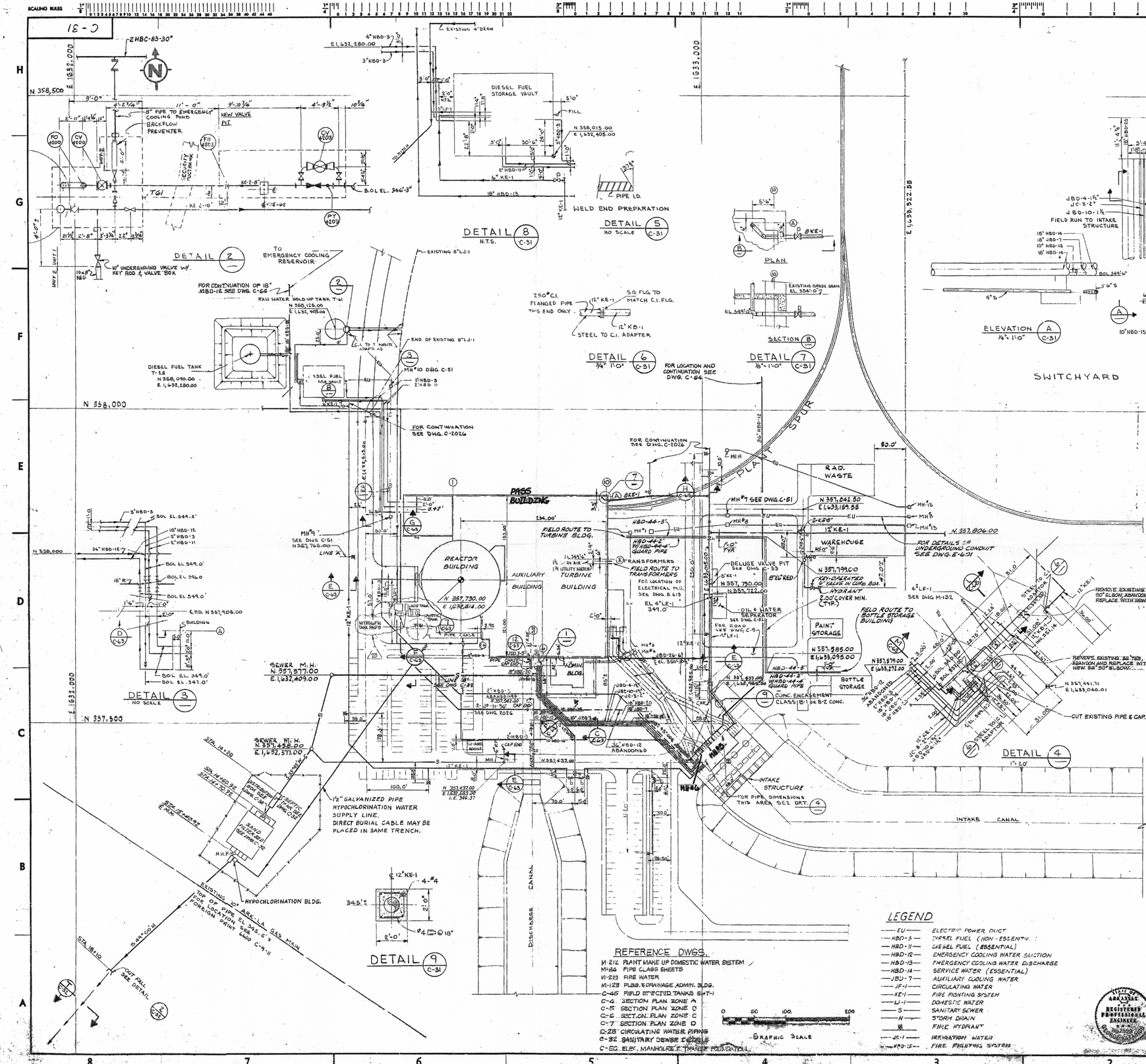
SCALING RULES
SIZE E
C-31
DETAIL 2
DETAIL 3
NO SCALE
DETAIL 4
1" = 20'
DETAIL 5
NO SCALE
DETAIL 6
3/4" = 1'-0"
DETAIL 7
1/8" = 1'-0"
DETAIL 8
N.T.S.
DETAIL 9
DETAIL 1
1/4" = 1'-0"
ELEVATION A
1/4" = 1'-0"
SWITCHYARD
DIESEL FUEL STORAGE VAULT
WELD END PREPARATION
REACTOR BUILDING
AUXILIARY BUILDING
TURBINE BUILDING
PASS BUILDING
WAREHOUSE
PAINT STORAGE
BOTTLE STORAGE
FIELD ROUTE TO BOTTLE STORAGE BUILDING
FIELD ROUTE TO TURBINE BLDG.
FIELD ROUTE TO TRANSFORMERS
PLANT SPUR
INTAKE CANAL
DISCHARGE CANAL
HYPOCHLORINATION BLDG.
1½" GALVANIZED PIPE HYPOCHLORINATION WATER SUPPLY LINE. DIRECT BURIAL CABLE MAY BE PLACED IN SAME TRENCH.
GENERAL NOTES
1. PIPE TRENCH EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH SPECIFICATION 6600-C-301.
2. PIPING DESIGNATION SHOWN REFERS TO PIPING CLASS SHEETS 6600-M-8A WITH THE EXCEPTION OF SANITARY SEWER LINES AND STORM DRAIN LINES.
3. SANITARY SEWER MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH SPECIFICATION 6600-C-51.
4. FOR DETAILS OF PIPE LINES SEE DWGS. C-3 & C-5 & C-7.
5. FOR WELDING PROCEDURE & NON-DESTRUCTIVE TESTING REQUIREMENTS FOR FIELD ERECTED PIPING REFER TO 6600-M-54.
6. SEISMIC CLASS I PIPING TO BE FIELD PURCHASED FROM ENGINEERING DEPT. SPECIFICATIONS AS FOLLOWS:
HBD-11
HBD-12 - 6600-M-187
HBD-13
HBD-14
7. FOR CATHODIC PROTECTION OF STL. & C.I. PIPE SEE DWG. 6600-E-62 SHT. 8.
8. FOR LOCATION OF ELECTRICAL MANHOLES SEE DWG. E-501.
REFERENCE DWGS.
M-212 PLANT MAKE UP DOMESTIC WATER SYSTEM
M-84 PIPE CLASS SHEETS
M-213 FIRE WATER
M-123 PLBG. & DRAINAGE ADMIN. BLDG.
C-45 FIELD ERECTED TANKS SHT-1
C-4 SECTION PLAN ZONE A
C-5 SECTION PLAN ZONE B
C-6 SECTION PLAN ZONE C
C-7 SECTION PLAN ZONE D
C-28 CIRCULATING WATER PIPING
C-32 SANITARY SEWER DETAILS
C-50 ELEC. MANHOLES & DUCT FOUNDATION
LEGEND
EU — ELECTRIC POWER DUCT
HBD-3 — DIESEL FUEL (NON-ESSENTIAL)
HBD-11 — DIESEL FUEL (ESSENTIAL)
HBD-12 — EMERGENCY COOLING WATER SUCTION
HBD-13 — EMERGENCY COOLING WATER DISCHARGE
HBD-14 — SERVICE WATER (ESSENTIAL)
JBD-7 — AUXILIARY COOLING WATER
JF-1 — CIRCULATING WATER
KE-1 — FIRE FIGHTING SYSTEM
LJ-1 — DOMESTIC WATER
S — SANITARY SEWER
R — STORM DRAIN
FIRE HYDRANT
JC-1 — IRRIGATION WATER
HBD-15 — FIRE FIGHTING SYSTEM
GRAPHIC SCALE
REGISTERED PROFESSIONAL ENGINEER
BECHTEL CORPORATION
SAN FRANCISCO
ARKANSAS POWER & LIGHT COMPANY
ARKANSAS NUCLEAR ONE
YARD UNDERGROUND UTILITIES
BECHTEL
6600
REVISIONS
AS-BUILT, ISSUED TO A.P.&L.
REV. DET. 2 PER NCR M-3049 & NDC-3052: REV. SAN. SEWER
ADDED METERING VALVE PIT & REVISED EXISTING VALVE PIT @ T61
ADDED PIPE CHASE, SEWER LINE & FILE LINE. REVISED REF. DWG. C-52 TO INCORPORATE AS BUILTS
INCORPORATED NEPIA COMM.
ADDED FIRE LINE TO WAREHOUSE & REVISED DET. 7
ADDED HBD-44-3, HBD-44-4 & MINOR REVISIONS
ABANDON 36" HBD-12 & 12" KE-1 & INCORP. NCR M-3924 & MINOR
REV. PARKING LOTS & FIRE LINE FOR PLANT SECURITY INCORP. DCN 1 & AS BUILTS
ADD JBD-26-6" INCORP. DCN 2, 3 & 4 GENERAL REVISIONS
RELOCATE 36" HBD-12
ADD DET. 8 REV. DET. 3 REV. AS NOTED
ADDED JBD-1-14, JBD-10-14, JC-3-2
ADDED PIPE CHASE, REMOVE HOLD & T-61-1 & DIMENSION
INCORPORATED DCN 1 GENERAL REVISIONS
CORRECTED PIPE DESIGNATION & DIMENSION
REV. DET. 1 & 2" HBD-3
REVISED 8" LJ-1 & 36" HBD-12 CORRECTED DIMENSION
REMOVED HOLD ON 36" HBD-12, & 12" KE-1. ADDED LINES 18" HBD-15 & 10" HBD-15 & REVISED DETAILS 1 & 4 & ADDED DETAIL 9
REVISED FIRE FIGHTING SYSTEM
REVISED LOCATION OF RAW WATER TANK T61 & DIESEL FUEL TANK T15. ADDED HYPOCHLORINATION WATER SUPPLY LINE
ADD RAW WATER WORKUP TK. T-61 ISSUED FOR CONSTRUCTION OF 18" HBD-12 & 12" KE-1 ONLY
ISSUED FOR CONSTRUCTION OF 36" HBD-12, 12" KE-1 & 6" HBD-15 ONLY
AS BUILT: PCP 83-2094
SCALE 1" = 50'
DESIGNED C.R. DAVIS
DRAWN M. MULLER