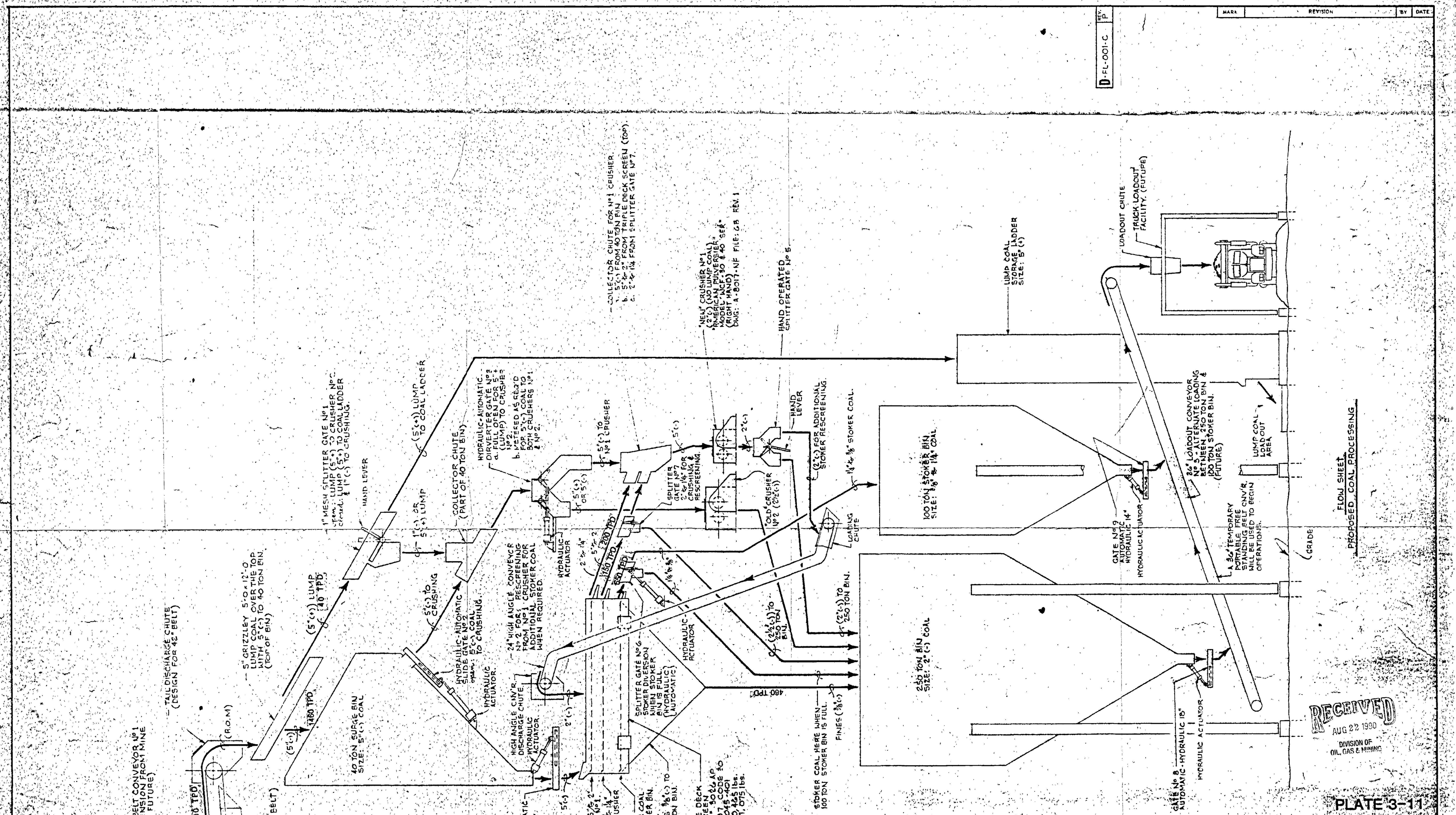
D-FL-001-C
REV. P
MARK
REVISION
BY
DATE
5" GRIZZLEY 5'-0 x 12'-0 LUMP COAL OVER THE TOP WITH 5"(-) TO 40 TON BIN. (TOP OF BIN)
(5"(+)) LUMP (40 TPD)
TAIL DISCHARGE CHUTE (DESIGN FOR 42" BELT)
30" BELT CONVEYOR No 1 EXTENSION FROM MINE (42" FUTURE)
(R.O.M)
1500 TPD
TRUSS (DESIGN FOR 42" BELT)
1360 TPD
(5"(-))
40 TON SURGE BIN SIZE: 5"(-) COAL
1" MESH SPLITTER GATE No 1 TO CRUSHER No 2. (5"(+)) LUMP TO COAL LADDER & 1"(-) TO CRUSHING.
HAND LEVER
1"(-) OR 5"(+) LUMP
5"(-) TO CRUSHING
COLLECTOR CHUTE (PART OF 40 TON BIN)
HYDRAULIC-AUTOMATIC SLIDE GATE No 2 5"(-) COAL TO CRUSHING.
HYDRAULIC ACTUATOR.
HYDRAULIC-AUTOMATIC DIRVERTER GATE No 2 a. FULL OPEN FOR 5"+ (LUMP) TO CRUSHER No 2. b. METERED AS REQ'D FOR 5"(-) COAL TO BOTH 5"(-) CRUSHERS No 1 & No 2.
5"(-)
2"(-)
HAND LEVER
5"(-) TO No 1 CRUSHER
5"(-) OR 5"(+)
HYDRAULIC ACTUATOR
2" x 1/4"
5" x 2"
200 TPD
150 TPD
250 TPD
1/4" x 3/8"
24" HIGH ANGLE CONVEYOR No 2 FOR RESCREENING FROM No 1 CRUSHER FOR ADDITIONAL STOKER COAL WHEN REQUIRED.
HIGH ANGLE CONV'R. DISCHARGE CHUTE
HYDRAULIC ACTUATOR
2"(-)
HYDRAULIC-AUTOMATIC 15" SLIDE GATE No 4, METERED SCREEN FEED.
5"(-)
TOP SCREEN 5" x 2" TO CRUSHER No 1.
MIDDLE SCREEN 2" x 1/4" TO 250 TON OR CRUSHER No 1.
BOTTOM SCREEN 1/4" x 3/8" STOKER COAL TO 100 TON STOKER BIN OR 250 TON BIN.
FINES 3/8"(-) TO 250 TON BIN.
6'-0" x 16'-0 TRIPLE DECK LEPEL FLOW SCREEN ALLIS-CHALMERS 5022 AP CAT'L. No 99997 CODE 20 DWG: 20-204-045-401 WEIGHT: Box 10,425 lbs. Total 11,075 lbs.
SPLITTER GATE No 7 2" x 1/4" FOR 2" RESCREENING OPERATION.
"OLD" CRUSHER No 2 (2 1/2"(-))
HAND OPERATED SPLITTER GATE No 5
"NEW" CRUSHER No 1 (2"(-)) (NO LUMP COAL) "AMERICAN PULVERIZER" MODEL No 50 & 40 "SER" (RIGHT HAND) DWG: A-8017-NF FILE: GB REV. 1
COLLECTOR CHUTE FOR No 1 CRUSHER. a. 5"(-) FROM 40 TON BIN. b. 5" x 2" FROM TRIPLE DECK SCREEN (TOP) c. 2" x 1/4 FROM SPLITTER GATE No 7.
HYDRAULIC ACTUATOR
SPLITTER GATE No 6 STOKER DIVERSION WHEN STOKER BIN IS FULL. (AUTOMATIC)
460 TPD
HYDRAULIC ACTUATOR
(2 1/2"(-)) TO 250 TON BIN.
(2"(-)) FOR ADDITIONAL STOKER RESCREENING.
1/4" x 3/8" STOKER COAL.
LOADING CHUTE
(2"(-)) TO 250 TON BIN.
STOKER COAL HERE WHEN 100 TON STOKER BIN IS FULL.
FINES (3/8"(-))
100 TON STOKER BIN SIZE: 3/8" x 1/4" COAL.
250 TON BIN SIZE: 2"(-) COAL
LUMP COAL STORAGE LADDER SIZE: 5"(+)
LOADOUT CHUTE
TRUCK LOADOUT FACILITY. (FUTURE)
30" LOADOUT CONVEYOR No 3 - ALTERNATE LOADING BETWEEN 250 TON BIN & 100 TON STOKER BIN. (FUTURE)
GATE No 9 AUTOMATIC HYDRAULIC 14"
HYDRAULIC ACTUATOR
A 30" TEMPORARY PORTABLE FREE STANDING BELT CNV'R. WILL BE USED TO BEGIN OPERATIONS.
LUMP COAL LOADOUT AREA
GRADE
GATE No 8 AUTOMATIC-HYDRAULIC 15"
HYDRAULIC ACTUATOR
FLOW SHEET
PROPOSED COAL PROCESSING
RECEIVED
AUG 22 1990
DIVISION OF OIL, GAS & MINING
PLATE 3-11
ITEM
REQ'D.
DESCRIPTION
BILL OF MATERIAL
NEXT ASSY.
REQ'D.
FINAL ASSY.
REQ'D.
CODE
REQ'D. THIS ORDER
GENWAL COAL COMPANY
PROPOSED SCREENING AND LOADOUT - HUNTINGTON, UTAH
EATON METAL PRODUCTS CO.
DENVER, COLORADO
SHOP NO.
FLOW SHEET
DR. AL CURTIS
DATE: 10-24-87
CK.
DATE:
SCALE
DWG. D-FL-001-C
REV. P