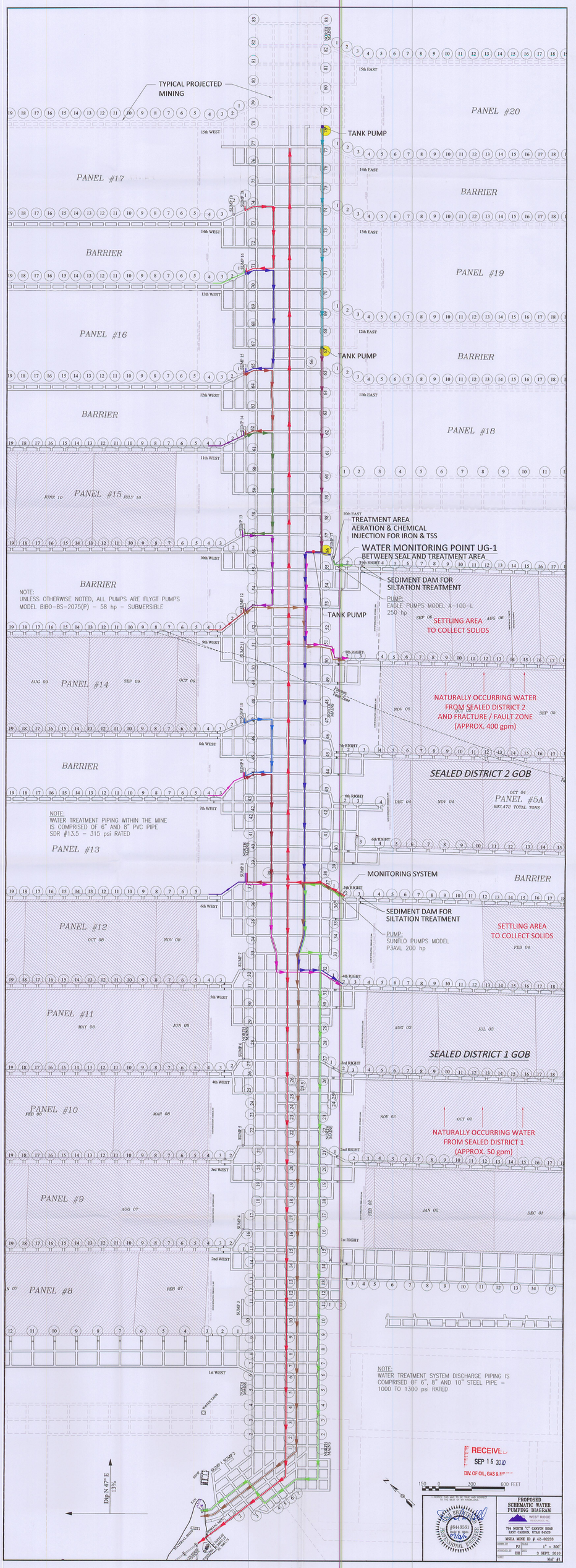
TYPICAL PROJECTED MINING
TANK PUMP
PANEL #20
PANEL #17
BARRIER
PANEL #19
PANEL #16
TANK PUMP
BARRIER
PANEL #18
PANEL #15
TREATMENT AREA
AERATION & CHEMICAL
INJECTION FOR IRON & TSS
WATER MONITORING POINT UG-1
BETWEEN SEAL AND TREATMENT AREA
SEDIMENT DAM FOR
SILTATION TREATMENT
PUMP:
EAGLE PUMPS MODEL A-100-L
250 hp
SETTLING AREA
TO COLLECT SOLIDS
TANK PUMP
NOTE:
UNLESS OTHERWISE NOTED, ALL PUMPS ARE FLYGT PUMPS
MODEL BIBO-BS-2075(P) - 58 hp - SUBMERSIBLE
PANEL #14
NATURALLY OCCURRING WATER
FROM SEALED DISTRICT 2
AND FRACTURE / FAULT ZONE
(APPROX. 400 gpm)
SEALED DISTRICT 2 GOB
PANEL #5A
697,472 TOTAL TONS
NOTE:
WATER TREATMENT PIPING WITHIN THE MINE
IS COMPRISED OF 6" AND 8" PVC PIPE
SDR #13.5 - 315 psi RATED
PANEL #13
MONITORING SYSTEM
BARRIER
SEDIMENT DAM FOR
SILTATION TREATMENT
PUMP:
SUNFLO PUMPS MODEL
P3AVL 200 hp
SETTLING AREA
TO COLLECT SOLIDS
PANEL #12
PANEL #11
SEALED DISTRICT 1 GOB
PANEL #10
NATURALLY OCCURRING WATER
FROM SEALED DISTRICT 1
(APPROX. 50 gpm)
PANEL #9
PANEL #8
NOTE:
WATER TREATMENT SYSTEM DISCHARGE PIPING IS
COMPRISED OF 6", 8" AND 10" STEEL PIPE -
1000 TO 1300 psi RATED
Dip N 47° E
13%
150 0 300 600 FEET
RECEIVED
SEP 16 2010
DIV. OF OIL, GAS & MINING
PROPOSED
SCHEMATIC WATER
PUMPING DIAGRAM
WEST RIDGE
794 NORTH "C" CANYON ROAD
EAST CARBON, UTAH 84520
MSHA MINE ID # 42-02233
P2
1" = 300'
DB
2 SEPT. 2010
MAP #1