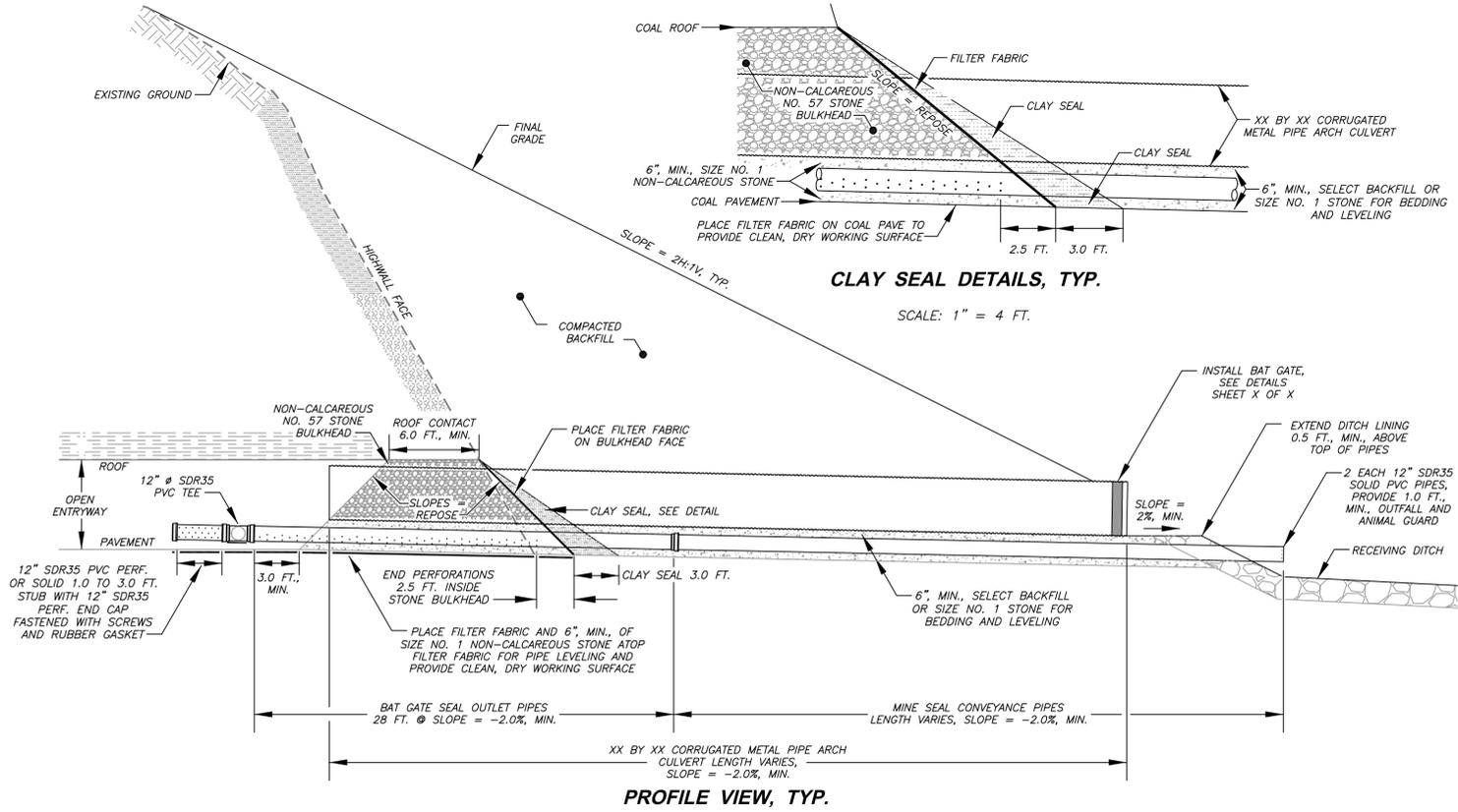
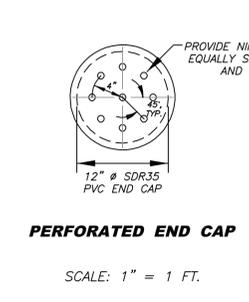
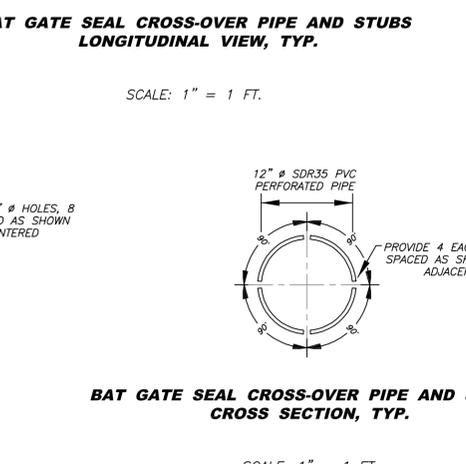
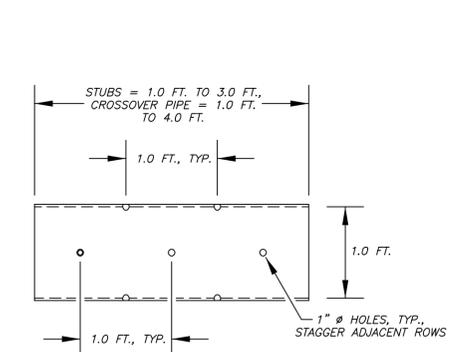
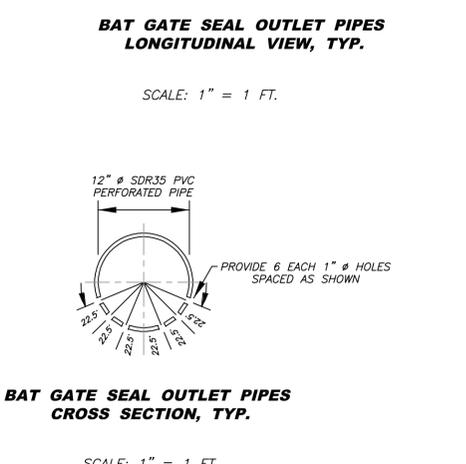
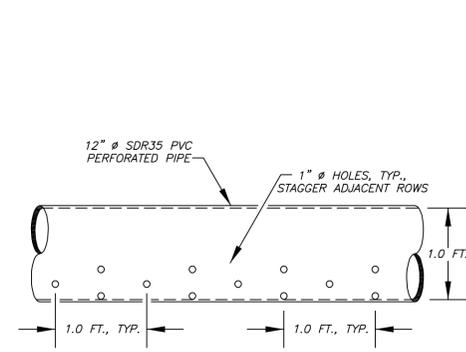


NOTES:

1. THE TWO (2) JOINTS (28.0 FEET) OF BAT GATE SEAL OUTLET PIPES (REGARDLESS OF WHERE THESE PIPES END IN THE INSTALLATION), ALL PIPE ACCESSORIES INSIDE THE MINE, THE STONE BULKHEAD, CLAY SEAL, FILTER FABRIC, AND CORRUGATED PIPE ARCH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "BAT GATE MINE SEALS".
2. THE MINE SEAL CONVEYANCE PIPE LENGTHS VARY AND SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "MINE SEAL CONVEYANCE PIPES". MINE SEAL CONVEYANCE PIPES BEGIN AT THE END OF BAT GATE SEAL OUTLET PIPES AND EXTEND TO THE PLANNED OUTFALL.
3. THE MINE OUTLET PIPES (BAT GATE SEAL OUTLET PIPES AND MINE SEAL CONVEYANCE PIPES) MAY BE ELIMINATED IF NO DRAINAGE IS PRESENT.
4. THE PERFORATED END CAP LOCATED INSIDE THE MINE AT THE END OF THE ONE (1.0') TO THREE FOOT (3.0') STUB SHALL HAVE A RUBBER GASKET, PLACED ON THE UPSTREAM END OF THE STUB AND SCREWED IN PLACE.
5. THE STONE BULKHEAD SHALL BE IN CONTACT WITH COAL ROOF FOR A DISTANCE EQUAL TO THE OPENING HEIGHT OR A MINIMUM OF 6.0 FEET. THE INSIDE AND OUTSIDE STONE BULKHEAD FACES SHALL BE CONSTRUCTED AT THE ANGLE OF REPOSE OF THE NO. 57 NON-CALCAREOUS STONE PLACED.
6. SIZE NO. 1 (AASHTO NO. 1) STONE SHALL MEET THE GRADATION REQUIREMENTS IN TABLE 703.4 OF THE WDOOH SPECIFICATIONS FOR ROADS AND BRIDGES.



**DETAIL XX
BAT GATE MINE SEAL**



**DETAIL XX
BAT GATE PIPE DETAILS, TYP.**
SCALE: AS NOTED