

PROJECT CONSTRUCTION

GENERAL CONSTRUCTION NOTES

1. NOTIFY THE RESPECTIVE COUNTY CONSERVATION ACTION DISTRICT (604-923-4800) AND PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, 301 EAST BROAD STREET, HARRISBURG, PA 17133, AT LEAST 72 HOURS PRIOR TO THE INITIATION OF WORK.
2. ALL DISTURBED AREAS WILL BE STABILIZED AT THE END OF EACH WORK DAY.
3. ALL WORK IS TO BE CONDUCTED DURING PERIODS OF LOW FLOW AS DIRECTED BY THE FIELD REPRESENTATIVE. ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
4. ANY EXPOSED BERM INCLUDING BERM ATTACHED TO ROAD SHOULDER SHALL BE CUT OF FLUSH WITH THE ADJACENT ROAD SURFACE. ALL EXPOSED AREAS SHALL BE REVEGETATED WITH GRASS SEED, MULCH, AND/OR FERTILIZER. THE FIELD REPRESENTATIVE SHALL DETERMINE THE APPROPRIATE REVEGETATION MATERIALS AND METHODS. REVEGETATION SHALL BE DONE IN ACCORDANCE WITH THE FIELD REPRESENTATIVE'S RECOMMENDATIONS. REVEGETATION SHALL BE DONE IN ACCORDANCE WITH THE FIELD REPRESENTATIVE'S RECOMMENDATIONS. REVEGETATION SHALL BE DONE IN ACCORDANCE WITH THE FIELD REPRESENTATIVE'S RECOMMENDATIONS.
5. THE CONSTRUCTION OF THE PROJECT IS FROM AN EXISTING GRAVEL ACCESS ROAD AND WILL NOT RESULT IN LAND DISTURBANCE.
6. THERE ARE NO UTILITIES IDENTIFIED BY PA ONE-CALL WITHIN THE LIMIT OF DISTURBANCE.
7. REFERENCE TO LEFT AND RIGHT BANK IS FROM A PERSPECTIVE LOOKING DOWNS RIVER.
8. EVERY EFFORT SHALL BE MADE TO AVOID IMPACTS TO EXISTING WOODY VEGETATION.
9. SPECIAL CARE WHEN GRADING STREAM BANKS.

CONSTRUCTION SEQUENCE

1. ACCESS STRIP FROM LEFT BANK, AS SHOWN WHEN STATION 9+00, MONITOR (UPSTREAM TO DAM). REMOVE SEDIMENT TO PREVENT 2.3 TO 3.0 IN. DEPTH OF UNDERMINING. PLACE SEDIMENT IMMEDIATELY UPSTREAM OF DAM AND TEMPORARILY STOCKPILE ALONG RIGHT BANK OF MILL RACE.
2. REMOVE DAM SECTION 2 TO INVERT 2.02 TO CONTINUE UNDERMINING DRAINAGE. ONCE SCOUR POOL IS FILLED TO PREVENT GRAVITY, BEGIN A PLAIN DAM RIBBLE IN MILL RACE. REMOVE ADDITIONAL SCOUR SEDIMENT TO PREPARE DAM AS STATED FOR CONCRETE REPAIR. MONITOR AND REPAIR AS NECESSARY. DO NOT COVER WITH GRASS OR OTHER VEGETATION. GRASS SEEDS ARE NOT NECESSARY TO BE PLANTED DOWNSTREAM OF DAM.
3. REMOVE DAM SECTION 3 AS SHOWN, IN PLACE OF RIGHT MILL RACE. REMOVE REMAINING SCOUR SEDIMENT TO PREPARE DAM AND PLACE IN MILL RACE. GRADE COURSE GRATING, INCLUDING TEMPORARY SEDIMENT STOCKPILES TO COVER ALL DRAINABLE PLACES IN THE OPENING. REMOVE ANY TALUS IN MILL RACE ENTRANCE AND REMOVAL INSIDE OF OPENING.
4. INSTALL DAM WITH PROTECTION ALONG LEFT BANK. REPAIR STATIONS 7+50 AND 7+60. GRADE LEFT BANK BETWEEN STATIONS 8+00 AND 7+40 AND ADDITIONAL BANK STABILIZATION CONSISTING OF CLEAN RIBBLE FROM DAM.
5. CROSS STREAM TO RIGHT BANK AT LOCATION OF DAM AND REPAIR TO STATION 3+40. GRADE RIGHT BANK BETWEEN STATIONS 9+40 AND 9+50. GRASS SEEDS, CROSS SECTION 1, 4 AND 9 AT THE LOCATION OF CONSTRUCTION SUPERVISOR. EXCESS SOIL SHALL BE USED AS FILL FOR MILL RACE. 5.1 VARIABLE AL DISTURBED AREAS ALONG RIGHT BANK WITH SEED AND MULCH.
6. CROSS STREAM TO LEFT BANK AT LOCATION OF DAM. GRADE LEFT BANK BETWEEN MILL RACE AND STREAM AT THE LOCATION OF CONSTRUCTION SUPERVISOR. SEED SHEET 3, CROSS SECTION 2.
7. ADD RIBBLE TO PROTECTION ALONG LEFT DISTURBED AREAS BETWEEN ACCESS ROAD AND RAILROAD. GRADE RIBBLE TO PROTECT RAILROAD AND ADDITIONAL BANK STABILIZATION.
8. AS SHOWN, PLAIN GRASSY, WELL DISTRIBUED SEEDS AND STOCKPILE WITH SEED AND MULCH.

GENERAL EROSION AND SEDIMENT CONTROL PLAN NOTES

CONTROL PLAN NOTES

- [illegible]

EXISTING LONGITUDINAL PROFILE

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- | | |
|--|--|
| | TOPOGRAPHIC CONTOUR MAJOR (10' CONTOUR INTERVAL) |
| | TOPOGRAPHIC CONTOUR MINOR (2' CONTOUR INTERVAL) |
| | WATER'S EDGE AT TIME OF SURVEY (MARCH 6, 2007) |
| | PROPOSED LIMIT OF DISTURBANCE |
| | EXISTING BENCHMARK |
| | EXISTING WATER SURFACE (MARCH 6, 2007) |
| | PROPOSED CUT AREA |
| | PROPOSED FILL AREA (EXISTING CHANNEL) |
| | EROSION CONTROL BLANKET |

ROCK CONSTRUCTION ENTRANCE (RCE)



CS-1/

CS-1A
CS-1A
COMPOSITE SEDIMENT SAMPLE LOCATIONS. PHYSICAL CHARACTERIZATION AND GRAIN SIZE ANALYSIS SAMPLES AND CS-2 WERE COLLECTED ON 3/6/07. THE RESULTS THE GRAIN SIZE ANALYSIS ARE SUMMARIZED IN TABLE 2

1 SITE PHOTO LOCATION WITH PERSPECTIVE DIRECTION (SEE SHEET 2)

CROSS SECTION LOCATION (SEE SHEET 3 FOR CROSS SECTIONS)

**PROPOSED BANK TOE PROTECTION
TYPICAL CROSS SECTION VIEW**

DETAIL

SCALE: 1"=10'

3

5 5



TEMPORARY AND PERMANENT SEEDING SPECIFICATIONS

DETAIL

SCALE: N.T.S.

2

5 5

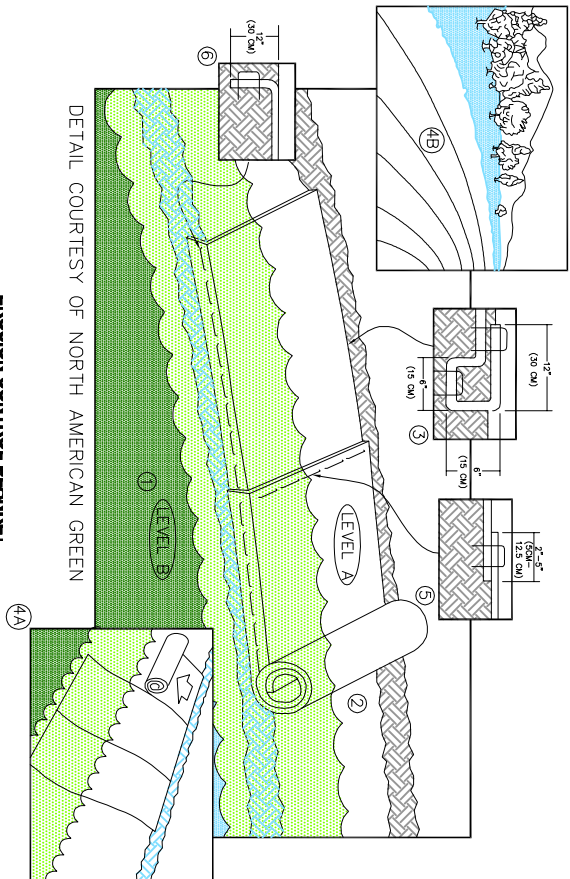
SPECIES:	ANNUAL RYEGRASS
% PURE LIVE SEED:	98%
APPLICATION RATE:	10 LB/1000 SQ YD
MULCH TYPE:	HAY/STRAW
MULCHING RATE:	3 T/ACRE

DETAIL

DETAIL

SCALE: 1"=1'

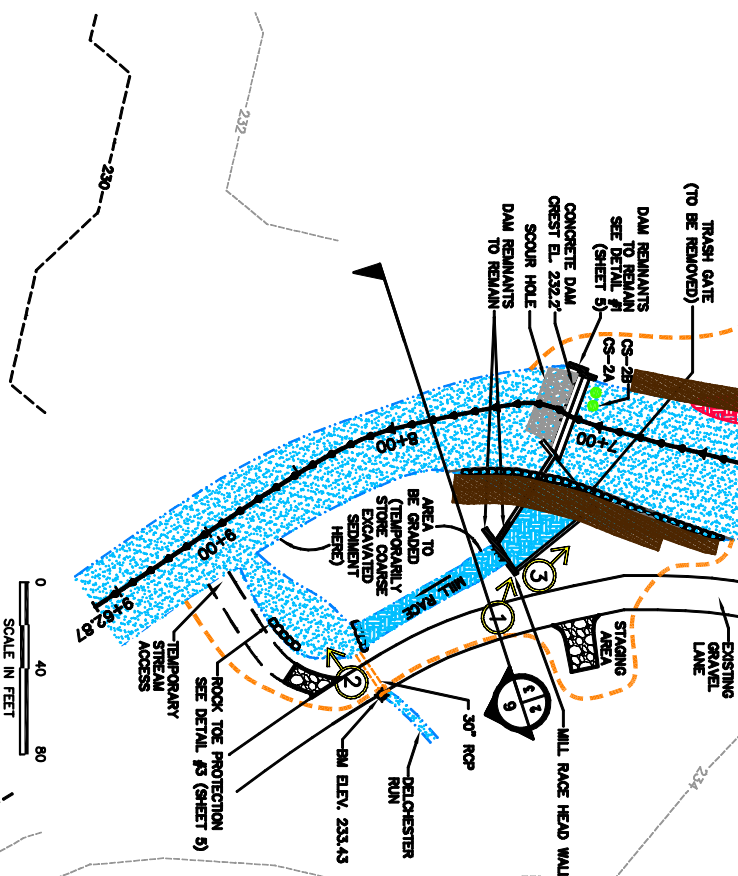
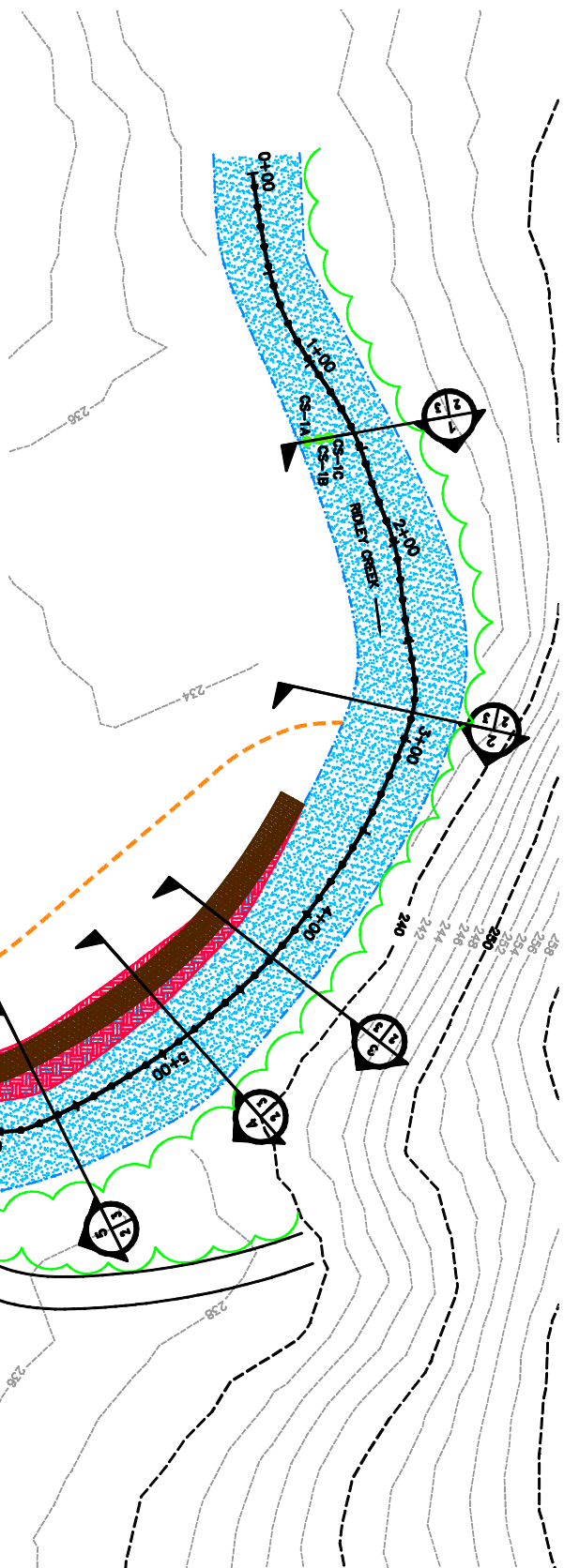
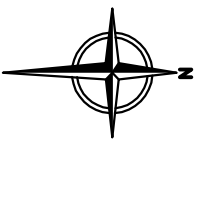
4
5 5



DAM BREACH PHASING PLAN

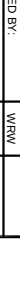
DETAIL

SCALE: 1" = 5'



REVISIONS		10-24-07	
NO.	DESCRIPTION		
BY: C/MG	DATE		
WRW	ADDED SCOUR POND, ROCK CONST. ENTRANCE, NOTE 5 UNDER GEN. EAS		
JAK	10/24/07		
PREPARED BY: (Signature) / (Date)			
C/MG			
DATE: 10/24/07			

DESIGNED BY:	WRW	DATE
DRAWN BY:	JAK	
CHECKED BY:	WRW	
APPROVED BY:	MDP	7/25/07
CLIENT APPROVED BY:		
FILE:		

	
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	RIDLEY CREEK DAM REMOVAL OKEHOCKING PRESERVE (PADEP NO. 15-116) CHESTER COUNTY, PENNSYLVANIA
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EROSION & SEDIMENTATION CONTROL PLAN	
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JOB NO.	20497795	SCALE	1" = 40'
SHEET	5 OF 5	DATE	7/25/07
DRAWING NO.	5	REV	1