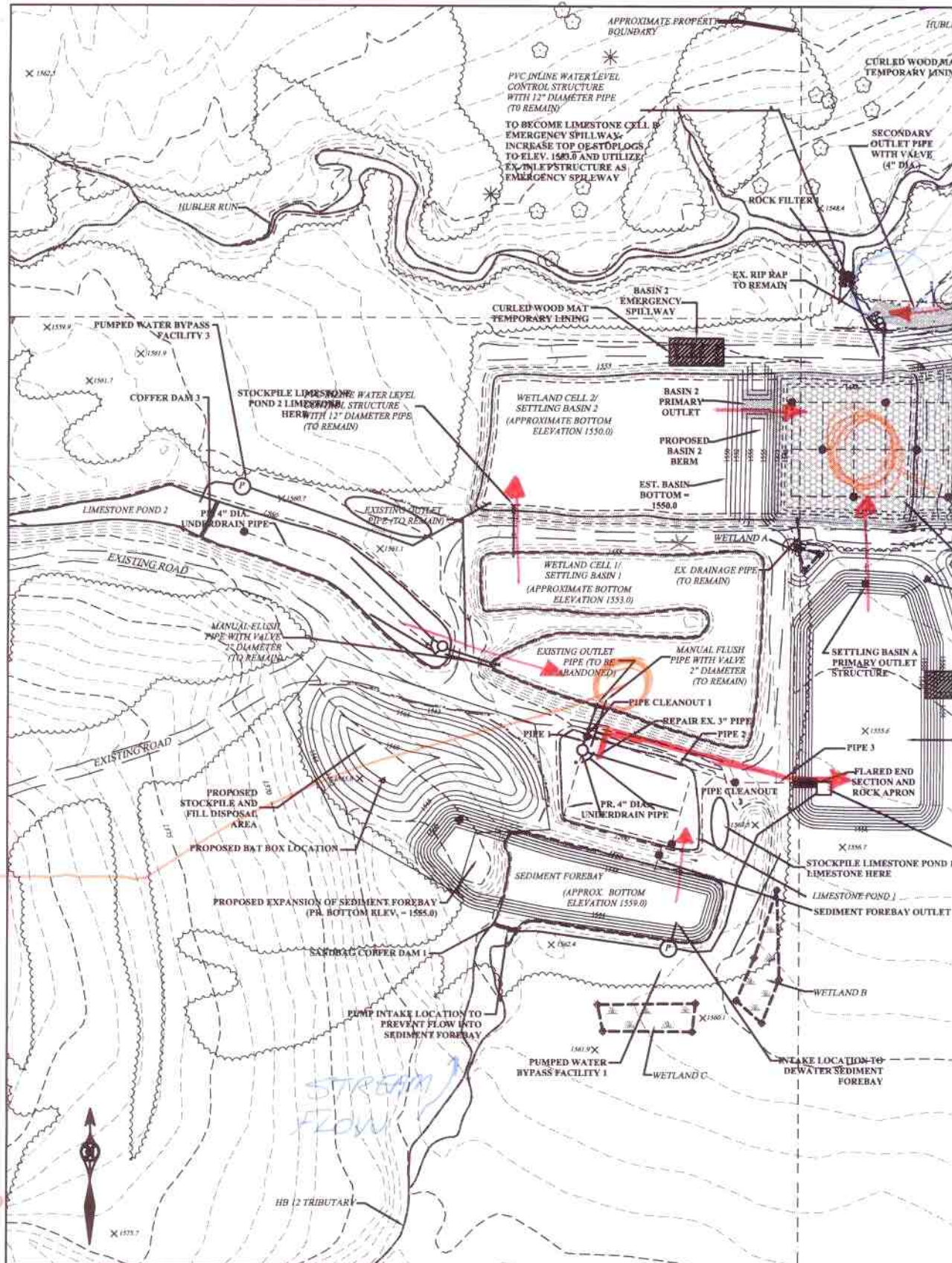
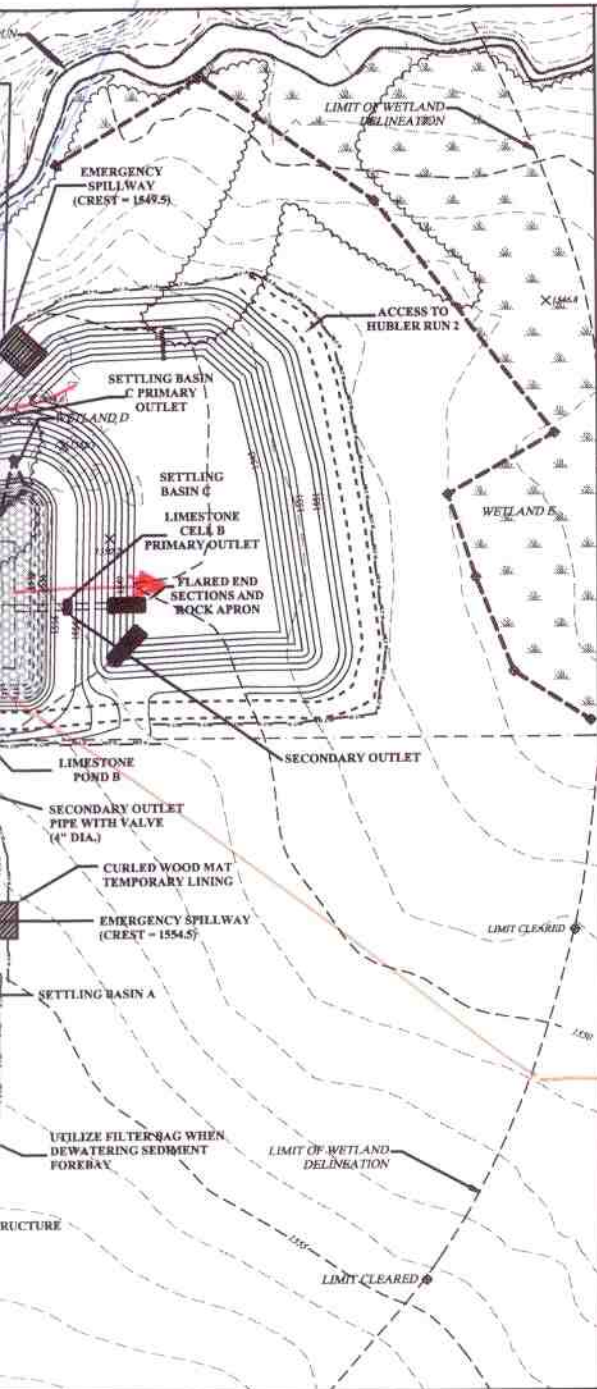


DITCH
FLOW

FLOW IN
OLD
SYSTEM
USED TO
COME
TOGETHER
HERE. IT
IS NOW
SPLIT INTO
2 BASINS



DISCHARGE TO HUBLER RUN



LEGEND

- (100)--- EXISTING CONTOUR (C.L.=1')
- STREAM
- TREE LINE
- EXISTING ROAD
- EXISTING WETLAND
- (1650)--- PROPOSED CONTOUR
- (1650)--- PROPOSED CONTOUR (HIDDEN)
- LIMESTONE
- APPROX. PROPERTY BOUNDARY

SCALE (FEET)

40 0 40 80

- NOTES:**
1. SEE SHEET C-9 FOR UNDERDRAIN PIPING DETAILS.
 2. REMOVE LIMESTONE FROM EXISTING CELLS TO REPAIR EXISTING UNDERDRAIN PIPE AND ADD ADDITIONAL UNDERDRAIN. REPLACE LIMESTONE IN CELLS AFTER REPAIRS ARE COMPLETE.
 3. PLACE 1 CUBIC YARD OF R-5 LIMESTONE AROUND INLET OF LIMESTONE CELL B EMERGENCY SPILLWAY TO MAINTAIN DISCHARGE CAPACITY OF THE INLET WATER LEVEL CONTROL STRUCTURE WITHOUT PLUGGING THE STRUCTURE. THE R-5 RIP RAP SHALL BE PLACED TO PREVENT AASHTO NO. 1 LIMESTONE FROM ENTERING THE PIPE BUT TO STILL ALLOW WATER TO FLOW THROUGH THE PIPE.

FLOW COMES TOGETHER IN NEW LIMESTONE CELL

PIPING CHART

PIPE	LOCATION	MATERIAL	DIAMETER (INCHES)	LENGTH (FEET)	INVERT IN	INVERT OUT	SLOPE (%)	ENTRANCE TREATMENT	END TREATMENT
1	LS CELL 1	SCH. 40	8	6	1556.42 (EST.)	1556.40	1.0	N/A	N/A
2	LS CELL 1	SCH. 40	8	98	1556.40	1555.40	1.0	N/A	N/A
3	LS CELL 1	SCH. 40	8	38	1555.40	1555.00	1.0	N/A	FLARED END SECTION WITH ROCK APRON

INVERT ELEVATIONS TO BE ADJUSTED BASED ON FIELD CONDITIONS. PIPES 1 THROUGH 3 SHALL MAINTAIN A 1% MINIMUM SLOPE. THE INVERT OF THE PIPE 3 OUTFALL MAY BE LOWERED TO ELEV. 1554.5 TO ACCOMMODATE EXISTING UNDERDRAIN ELEVATIONS AND STILL MAINTAIN MINIMUM SPECIFIED SLOPE.

SHEET NO. 0-1

1 OF 1

SEAL:

REVISIONS:

NO.	DESCRIPTION	DATE

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PREPARED BY: ALDER RUN ENGINEERING
107 COAL STREET
OSCEOLA MILLS, PENNSYLVANIA 16666
PHONE: (814) 334-6998

DATE: JUNE 3, 2008

SCALE: 1" = 40'

PROJECT: HUBLER RUN #1 TREATMENT SYSTEM REHABILITATION
GRAHAM TOWNSHIP, CLEARFIELD COUNTY, PA.

TITLE: PROPOSED CONDITIONS & E&S PLAN FOR OPTIONAL BID

PREPARED FOR: EMIGH RUN/ LAKESIDE WATERSHED ASSOCIATION, INC.
P.O. BOX 204
MORRISDALE, PA 16858

Michelle M. Morrow
PE060677