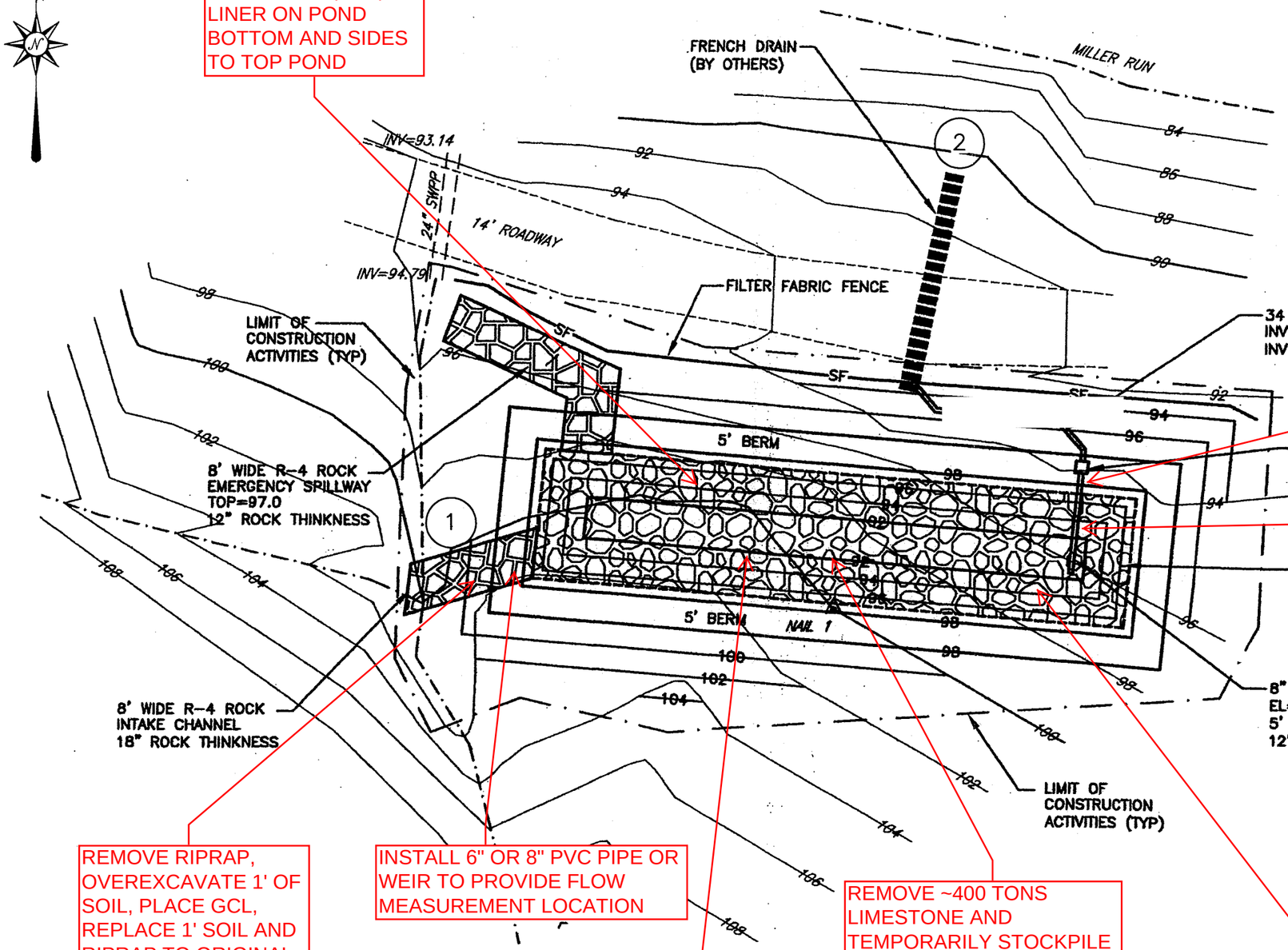
PLACE GEOSYNTHETIC CLAY LINER (GCL) LINER ON POND BOTTOM AND SIDES TO TOP POND



(#) – FLOW AND WATER CHEMISTRY SAMPLING POINTS

1 – RAW AMD (COMBINED SOURCES) IN ROCK–LINED CHANNEL INTO LIMESTONE POND

2 – FINAL OUTFALL FROM WATER LEVEL CONTROL STRUCTURE/FRENCH DRAIN

CUT "NOTCH" AROUND PIPE AND PLACE GRANULAR BENTONITE. INSTALL GRANULAR BENTOTITE AND SECONDARY COLLAR AROUND PIPE

REMOVE AND REPLACE EXSITING 8" SOILD/ PERF. PVC PIPE (CONNECT TO EXISTING PIPE WITH FERNCO-TYPE COUPLER)

REMOVE RIPRAP, OVEREXCAVATE 1' OF SOIL, PLACE GCL, REPLACE 1' SOIL AND RIPRAP TO ORIGINAL CONDITION

INSTALL 6" OR 8" PVC PIPE OR WEIR TO PROVIDE FLOW MEASUREMENT LOCATION

REMOVE ~400 TONS LIMESTONE AND TEMPORARILY STOCKPILE

REPLACE LIMESTONE TO ORIGINAL CONDITION UPON COMPLETION

OVER EXCAVATE POND BOTTOM AND SIDES 1', TEMPORARILY STOCKPILE, REPLACE 1' ON TOP OF GCL

20 0 20 40

"SKETCH PLAN"

MILLER RUN #1 SYSTEM LEAK REPAIR

Notes in red by BioMost, Inc., 6/5/14

NOTE:

ENGINEERING DESIGN PLAN SHOWN WAS PREPARED BY NATURAL RESOURCES CONSERVATION SERVICE (NRCS) AND PROVIDED BY HUNTINGDON COUNTY CONSERVATION DISTRICT.

SKELLY and LOY Inc. ENGINEERS–ENVIRONMENTAL CONSULTANTS	06/22/11	FIGURE 4

OM&R SCHEMATIC PLAN

MILLER RUN #1 AMD REMEDIATION SYSTEM
CARBON TOWNSHIP
HUNTINGDON COUNTY, PA

PREPARED FOR:
HUNTINGDON COUNTY CONSERVATION DISTRICT

R10–0471.001	SCALE: 1" = 20'