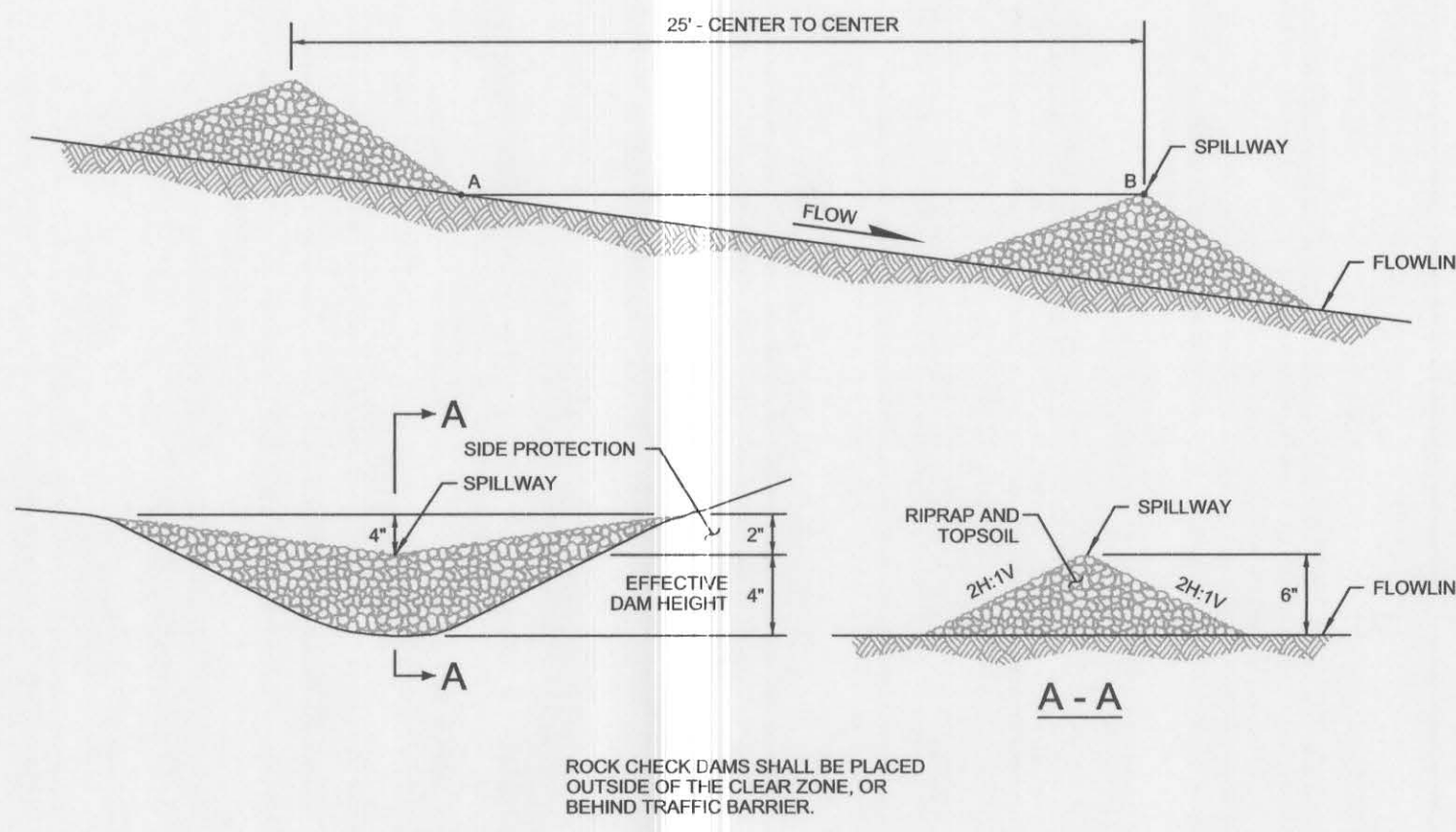
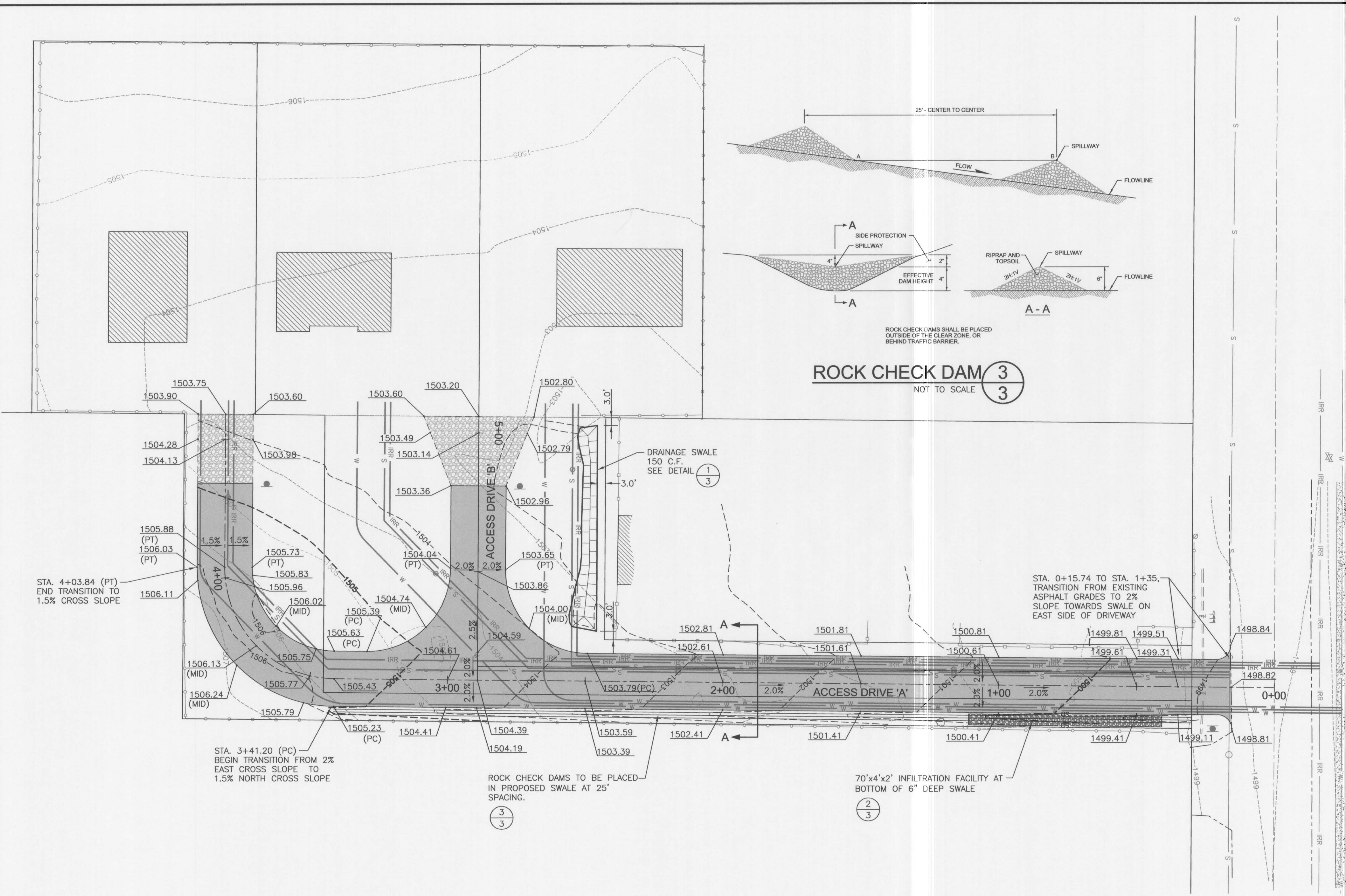




ROCK CHECK DAM 3
NOT TO SCALE

STORMWATER VOLUMES

REMOVED INFILTRATION FACILITY:

LENGTH = 30.0'
WIDTH = 4.0'
DEPTH = 4.5'
VOIDS = 0.35

VOLUME = $30(4)(4.5)(0.35)$
= 189 CF

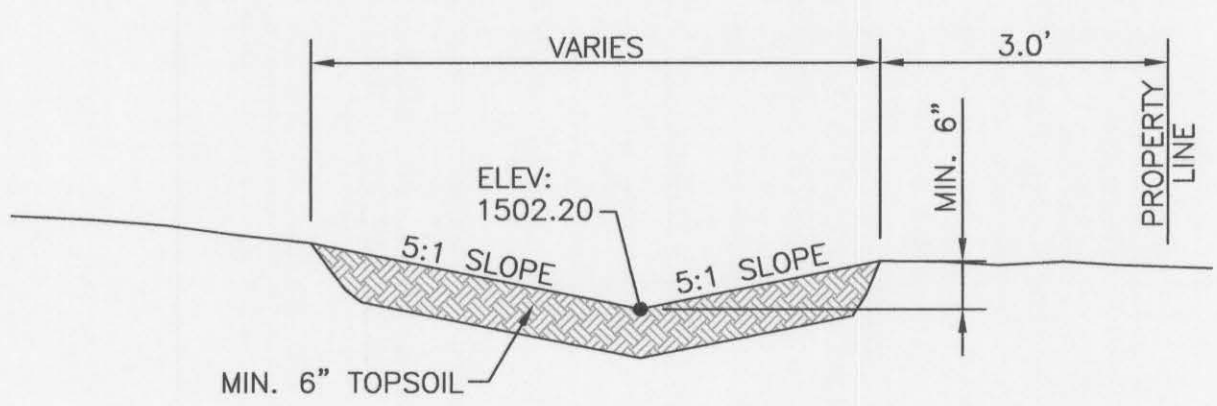
PROPOSED RETENTION FACILITY:

LENGTH = 70'
WIDTH = 4'
DEPTH = 1.3' TO 2.7'
VOIDS = 0.35

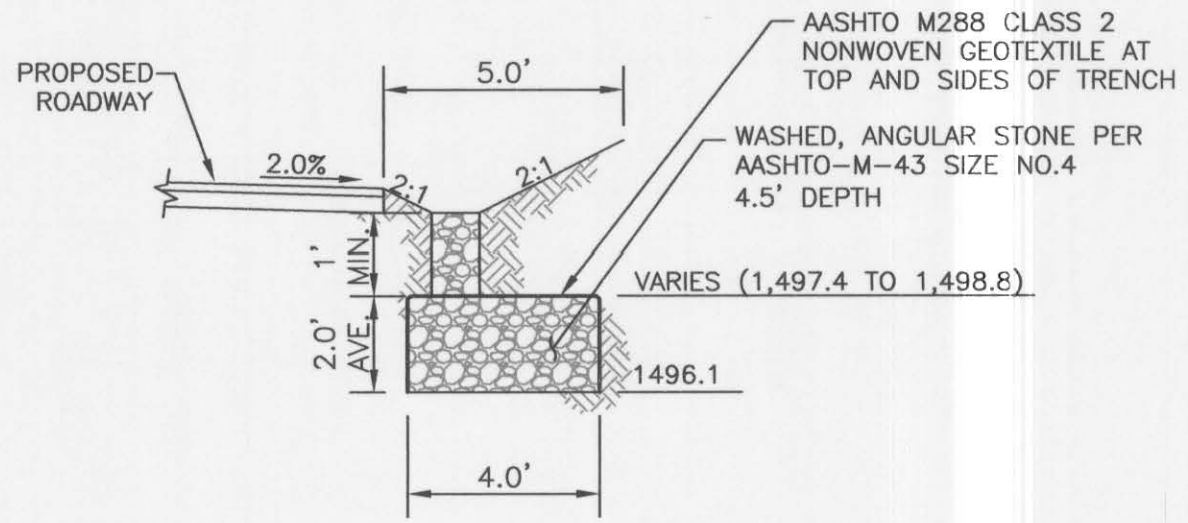
VOLUME = $((1.3' + 2.7')/2) \times 4' \times 70' \times 0.35$
= 196 CF

CHECK DAM NOTE:

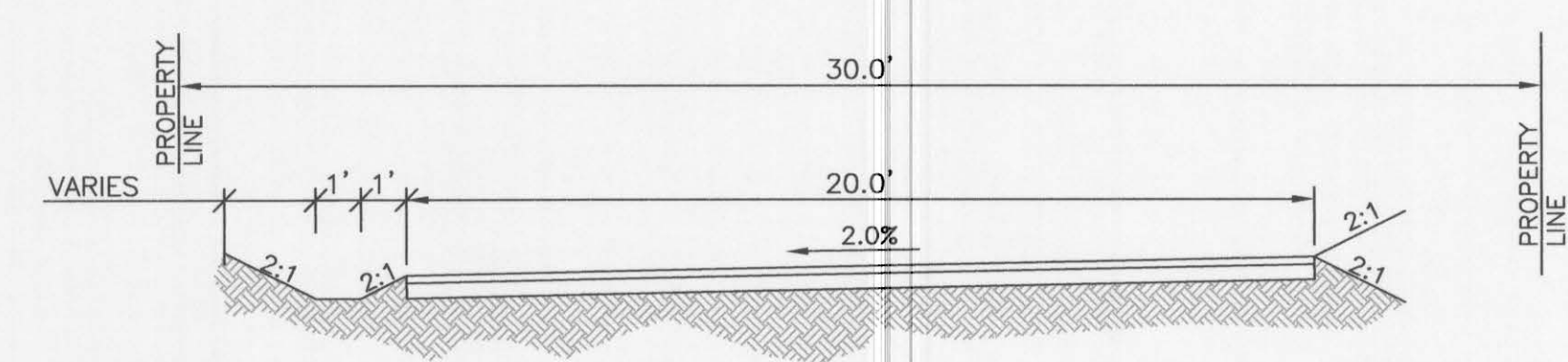
PLACE CHECK DAMS IN PROPOSED 6" DEEP SWALE PRIOR TO CONSTRUCTION TO CONTROL SEDIMENT. CHECK DAMS WILL BE LEFT IN PLACE TO MEDIATE POST CONSTRUCTION RUNOFF.



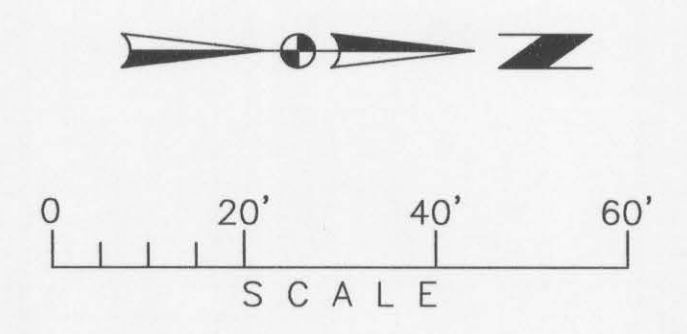
DRAINAGE SWALE 1
NOT TO SCALE



RETENTION FACILITY 2
NOT TO SCALE



SECTION A-A
NOT TO SCALE



REVISIONS

BY	DATE	DESCR

THOMAS, DEAN & HOSKINS, INC.
ENGINEERING CONSULTANTS
GREAT FALLS - BOZEMAN - KALISPELL
SPOKANE - LEWISTON

TD&H

DRAWN BY: HRF
DESIGNED BY: JCW
QUALITY CHECK:
DATE: 4.10.09
JOB NO. 107-043
FIELDBOOK

GRIFITH ADDITION
LEWISTON, ID

GRADING & STORM DRAIN PLAN

CAD NO. L07043-03.DWG
SHEET 3 OF 6

PROFESSIONAL ENGINEER
2875
STATE OF IDAHO
STEVEN N. MARSH