PENNSYLVANIA STYLE STONE FRAMED DEFLECTOR
STANDARD DRAWING

PROFILE VIEW

Normal Water Level

SLOPE 3:1

SEEDED / MULCHED

JUTE MATTING

GEO-TEXTILE FABRIC

PLAN VIEW

JUTE MATTING COVERS EXPOSED SOIL

SHORELINE

SLOPE TO DEFLECTOR EDGE

30 Degrees From Lake Shoreline

60 Degrees From Lake Shoreline

90 Degrees

PREVALENT WIND/WAVE DIRECTION

SECTION VIEW

TOP OF SHORELINE

NORMAL WATER LEVEL

LAKE BOTTOM

STONE MUST BE KEYED INTO THE SUBSTRATE

MATERIALS AND NOTES

MATERIALS:
R7 SANDSTONE (20”-30”)
R4 SANDSTONE (6”-12”)
JUTE MATTING
OPTIONAL: LOG/ROOT WAD MAY BE ADDED
NOTES:
LIMESTONE CAN SUBSTITUTE SANDSTONE
LARGER STONES MAKE A TRIANGULAR FRAME
FRAME ROCKS SHOULD BE KEYED INTO LAKE SUBSTRATE
STONE FRAME IS BACK FILLED WITH SMALLER STONE
DEFLECTORS ARE BLENDED INTO THE SHORELINE
JUTE MATING WILL TEMPORARILY STABILIZE SHORE
RIPARIAN BUFFER MAY BE ESTABLISHED
NOT TO SCALE
ALL SIZES ARE APPROXIMATE
FIT IN FIELD
SUGGESTED EQUIPMENT:
EXCAVATOR WITH THUMB
SKIDSTEER