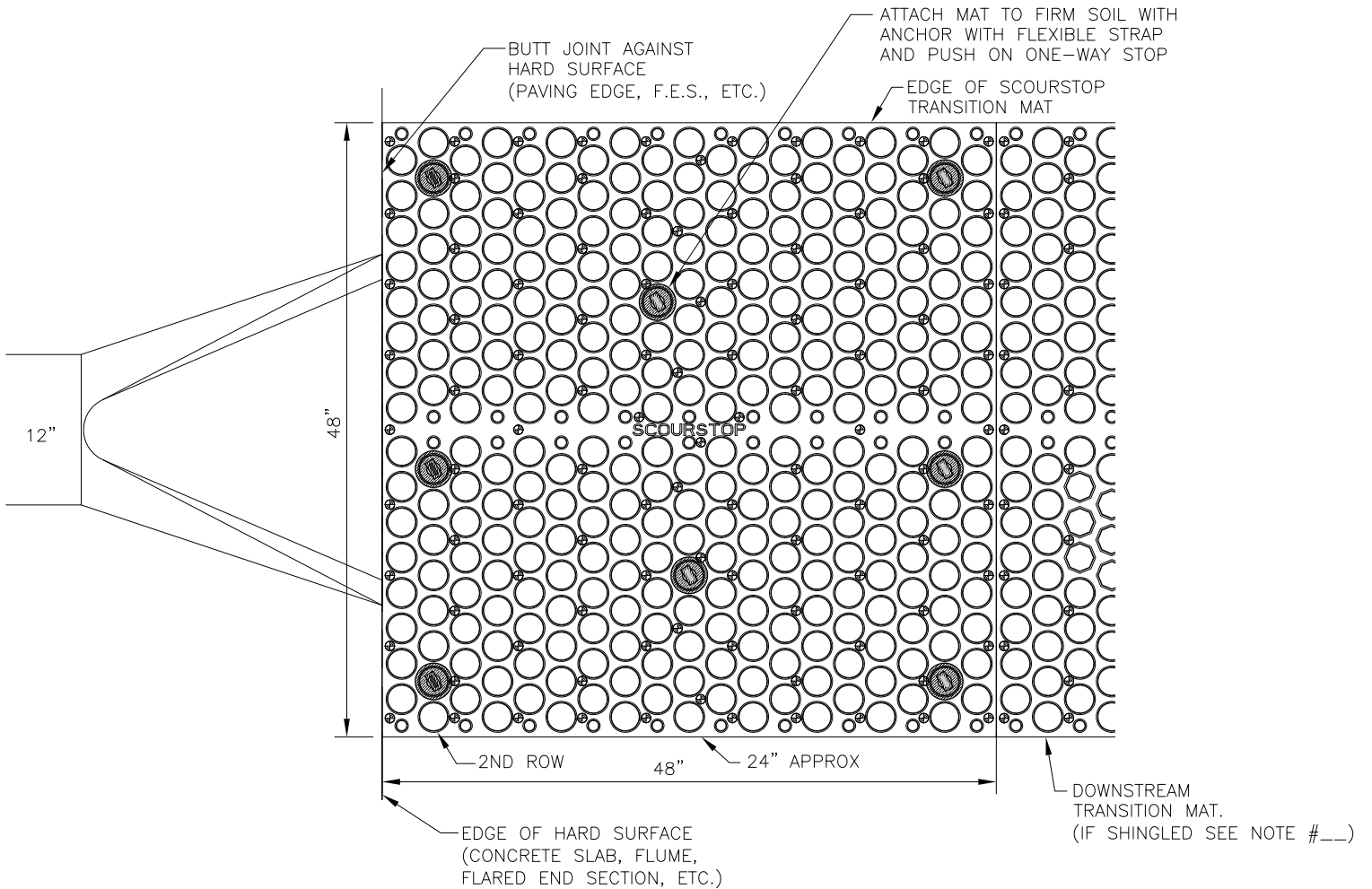


PREFERRED INSTALLATION SPECIFICATIONS

1. FOR A PIPE OUTLET WITH NO APRON, TRANSITION MAT SHOULD BE INSTALLED DIRECTLY ABUTTING THE END OF PIPE.
2. PROJECT DESIGNER SHOULD NOTE ON SITE PLAN OR CONSTRUCTION DRAWINGS THAT PIPE OUTLET FOOTINGS SHOULD NOT EXTEND PAST THE END OF PIPE, HEADWALL OR FLARED END SECTION. THIS IS TO AVOID A GAP BEING CREATED BETWEEN THE OUTLET AND TRANSITION MAT INSTALLATION.
3. AVOID IMPACT EROSION ONTO THE MATS ARISING FROM 25% CHANGE IN SLOPE BETWEEN DISCHARGE AND OUTLET CHANNEL SLOPES. GRADE DOWNSTREAM SLOPE AS LONG AND FLAT AS POSSIBLE.
4. INSTALL AT LEAST ONE 4' MAT LENGTH FOR EVERY 9" OF PIPE DIAMETER. PANELS MAY BE SHINGLED AS SHOWN. MATS SHALL NOT BE INSTALLED IN PARTIAL LENGTHS.
5. CONSTRUCT SCOUR AREA WIDTH NOT LESS THEN 5 TIMES THE PIPE DIAMETER, WITH A SLOPE NO STEEPER THAN 3:1. DISCHARGE AREA WIDTH SHOULD BE AS LEVEL AS POSSIBLE TO AVOID WATER CONCENTRATION AND RILLING.
6. TYPE "E" STREAMBANK AND SHORELINE APPLICATIONS.
  - USE A 20 OUNCE GEOTEXTILE UNDER TRANSITION MATS 3' BELOW AND 6" ABOVE THE NORMAL WATER LINE. A HYBRID GEOTEXTILE / TRM COMPOSITE IS ALSO AVAILABLE. SEE DETAILS.



PIPE DIAMETER	DISCHARGE (CFS)	SCOURSTOP WIDTHxLENGTH
12"	8	4' x 4'
24"	30	4' x 8'
36"	75	8' x 12'
48"	100	12' x 16'
60"	150	12' x 20'
72"+		SEE DETAILS

SCOURSTOP TRANSITION MAT  
PIPE INSTALLATION DETAILS

NO SCALE