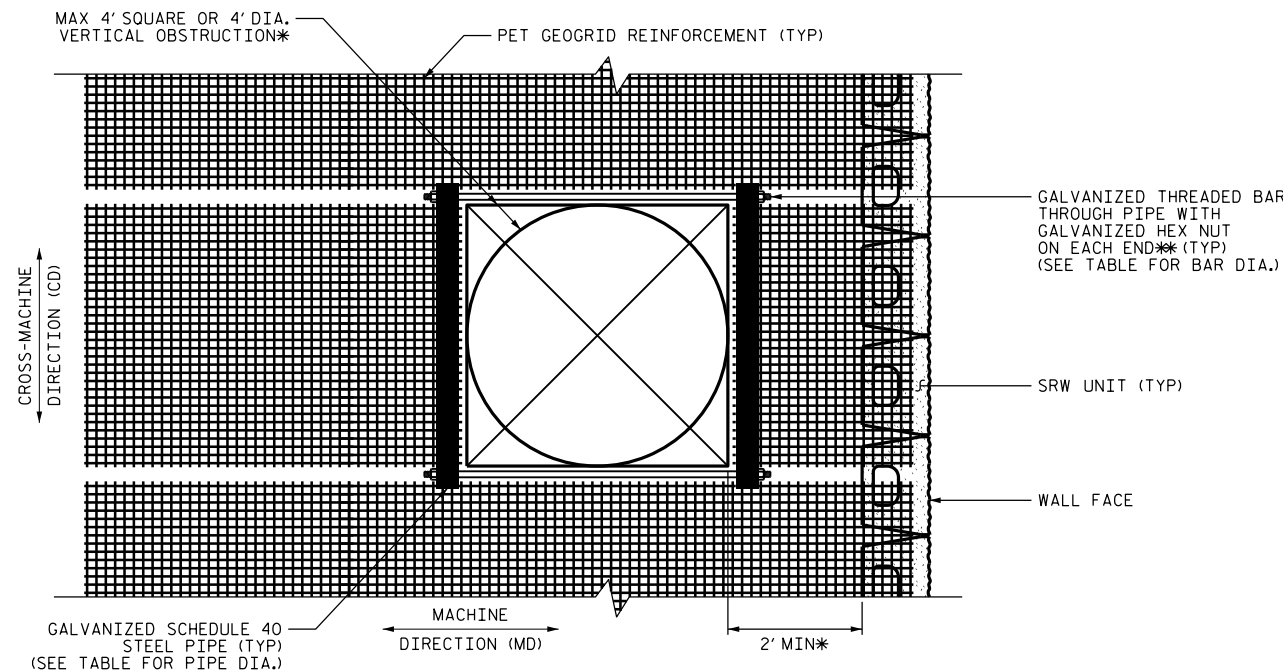


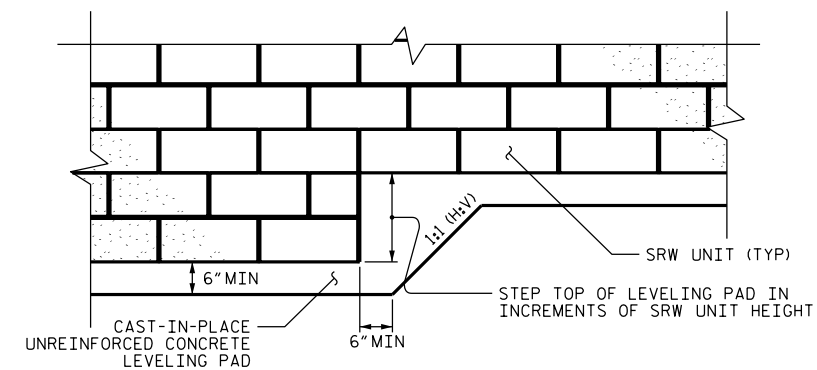
PET GEOGRID REINFORCEMENT VERTICAL OBSTRUCTION DETAIL - PARTIAL ELEVATION

*FOR LARGER VERTICAL OBSTRUCTIONS OR OBSTRUCTIONS CLOSER TO WALL FACE, SUBMIT PROPOSED DETAIL FOR APPROVAL.
 **SEE TABLE FOR BAR AND PIPE DIAMETERS.

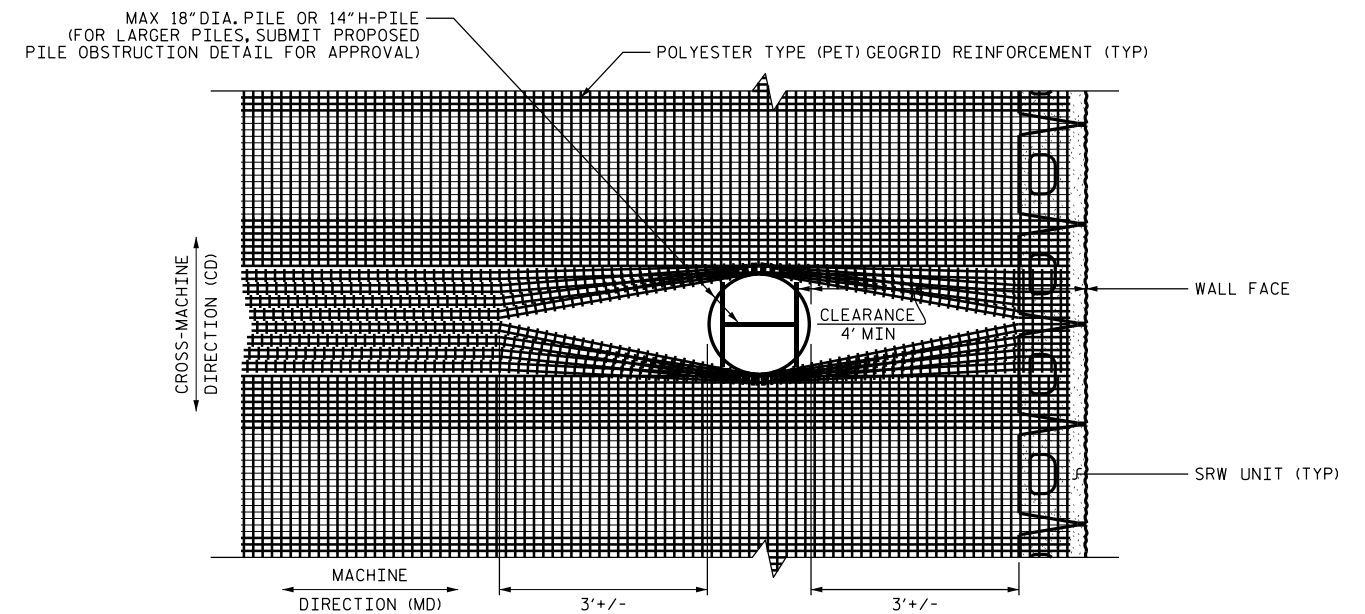


PET GEOGRID REINFORCEMENT VERTICAL OBSTRUCTION DETAIL - PLAN VIEW

*FOR LARGER VERTICAL OBSTRUCTIONS OR OBSTRUCTIONS CLOSER TO WALL FACE, SUBMIT PROPOSED DETAIL FOR APPROVAL.
 CUT PET GEOGRID REINFORCEMENT FOR OBSTRUCTION WIDTH AND DISTANCE FROM WALL FACE. CUT RIBS IN CD TO WRAP PET GEOGRID AROUND PIPES.



SRW UNITS LEVELING PAD STEP DETAIL



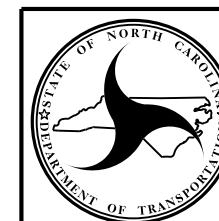
PET GEOGRID REINFORCEMENT PILE OBSTRUCTION DETAIL

CUT PET GEOGRID FROM 3'+/- IN FRONT OF PILE (WALL FACE SIDE) TO END OF GEOGRID REINFORCEMENT AT CENTERLINE OF PILE. THEN, CUT RIBS IN CD BETWEEN EVERY OTHER RIB IN THE MD FROM 3'+/- IN FRONT OF PILE TO END OF GEOGRID REINFORCEMENT TO SKEW AND BUNCH UP TWO RIB WIDE GEOGRIDS AROUND PILE. KEEP TWO RIB WIDE GEOGRIDS PULLED TAUT AROUND PILE AS AGGREGATE IS PLACED.

OBSTRUCTION HEIGHT (FT)	0 - 15	> 15 - 25	> 25 - 35
NOMINAL BAR DIA.	1/2"	5/8"	3/4"
NOMINAL PIPE SIZE (NPS)	2 1/2	3	3 1/2

BAR AND PIPE DIAMETERS

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

STD CELL Wall_MSE_SRWUnits_LevelingPad_Obstructions

MSE WALL WITH SRW UNITS - LEVELING PAD STEP & PET GEOGRID OBSTRUCTION DETAILS

DATE: 5-16-17