VERTICAL SUPPORT TIES
CUT 45\(^\circ\) ANGLE ON TOP
AND LOCATE 8\(^\circ\) ON CENTER.
#8 NAIL TO WALL AT TOP
AND SIDES W/20d GALVANIZED NAILS.

USED RAILROAD TIE OR
TREATED LANDSCAPE TIMBER (TYP).

#2 REBAR THROUGH ALL TIES
EVERY 4\(^\prime\) O.C.

INSTALL BOTTOM TIES AT
LEAST 3/4 OF THE WAY
INTO GROUND TO PREVENT
WASH OUT UNDERNEATH.

FINISH GRADE OF FILL

APPROVED WEED MAT OR FILTER CLOTH

4\(^\prime\) PERFORATED PVC DRAIN TILE
(CUT OPENING IN TIES FOR OUTFALL)

EXISTING GRADE

TOP SOIL BACKFILL

GRAVEL FOR DRAINAGE

VERTICAL SUPPORT TIES SHALL BE AS DEEP
INTO GROUND AS THEY ARE OUT OF THE
GROUND. COMPACT SOIL AT BASE.

USED RAILROAD TIE (TYP)

#2 REBAR THROUGH ALL TIES EVERY 4\(^\prime\) O.C.

CUT A 45\(^\circ\) BEVEL ON END PIECES OF
TIES WHERE THEY STEP DOWN AND TOE NAIL
ENDS WITH GALVANIZED 20d NAILS.

ADDITIONAL NOTES:
1. WHERE TIES MEET AT CORNERS, OVERLAP EDGES
   TO PREVENT WALL SEPARATION AND DRILL FOR
   A #2 REBAR TO LOCK CORNERS IN PLACE.
2. ALL TIES USED SHALL BE STRAIGHT AND FREE
   FROM ROTTED CENTERS ON SIDES.

STANDARD CONSTRUCTION DETAIL
RETAINING WALL DETAIL

NTS

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MAY 2020