TRULINE **Drawing 106** in front of existing block wall, concrete cap & deadman The Innovative Hybrid Sheet Piling System manamani (4) # 5 CONTINUOUS REBAR #3 STIRRUPS 12"O.C. FOR 2 FEET ON EACH SIDE OF TIEBACK, 24° O.C. ELSEWHERE STIRRUPS TO FORM CLOSE LOOP (2) #5 X 24" BEHIND EACH TIE ANCHOR 1/2 X 6 X 6 PLATE HEAVY NUT AND WASHER PLACE DRAINS JUST ABOVE BARNACLE LINE THRU OLD AND NEW WALLS 5' O.C. 1 DIA STEEL TIE ROD SPACED TRULINE 800 12' O.C. PROTECTED BY

FILL SHEETS WITH CONCRETE AND REINFORCE WITH #5 VERTICAL REBAR

FILL VOID BETWEEN OLD AND NEW WALL WITH SAND OR GROUT 1 DIA STEEL TIE ROD SPACED 12' O.C. PROTECTED BY POLYETHYLENE SHIELD EMBEDDED 2" INTO CONCRETE EACH END

15 DEGREE MAX ANGLE

CUT THRU OLD CAP AS REQUIRED 12" X 24" X 36" CONCRETE DEAD MAN WITH TYPICAL REBAR PLACEMENT

(3) #5 HORIZONTAL (3) #5 VERTICL

(2) #5 X 24" REBAR BEHIND ANCHOR

1/2 X 6 X 6 PLATE HEAVY NUT AND WASHER

This drawing is provided to show a typical concept for constructing a wall of this style. It is not intended to be used as a final design for any specific project. There are many geotechnical and structural properties that have to be considered in the design of a project. These factors vary depending on conditions that are potentially unique to each jobsite. As such, project specific designs must be performed by a qualified engineer familiar with the conditions on the actual site.