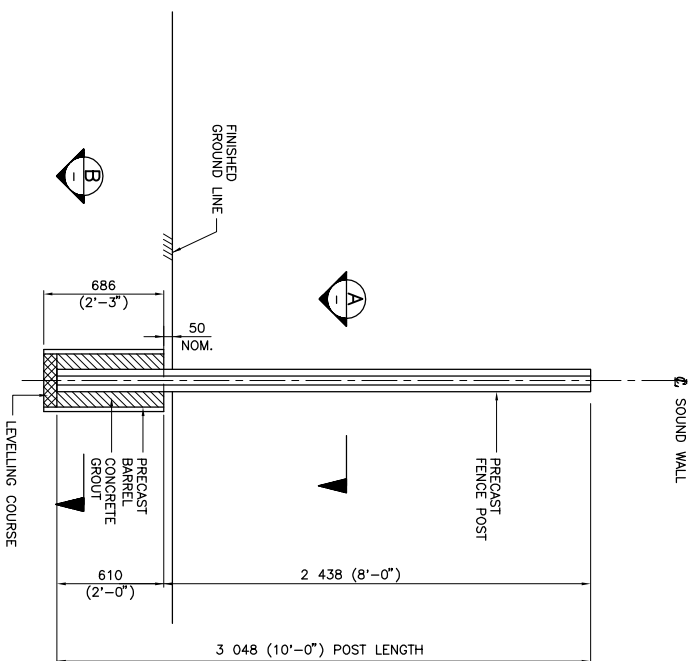
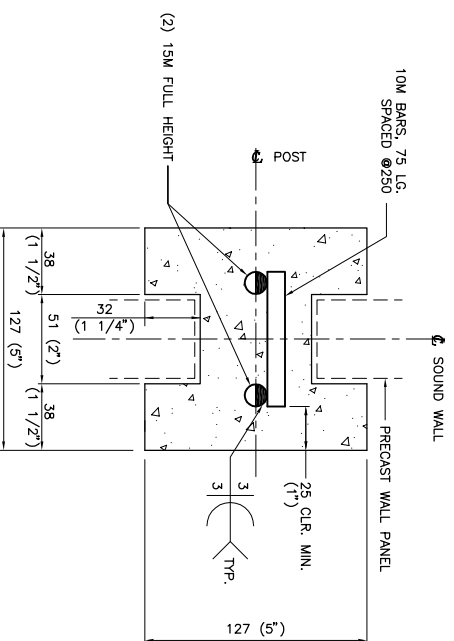


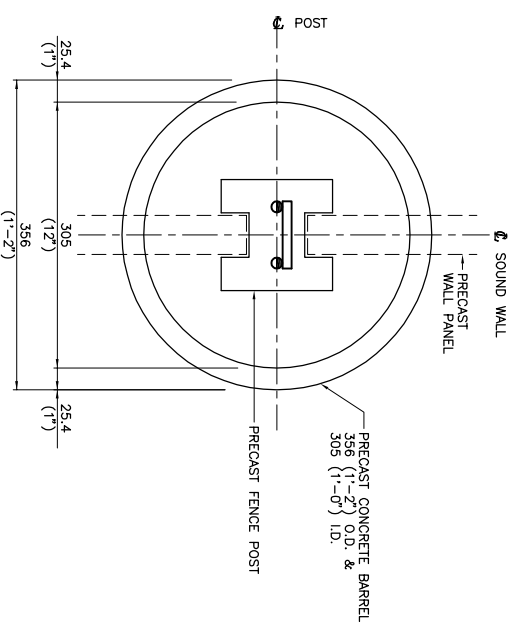
TYPICAL SOUND WALL LAYOUT
SCALE: 1:20



TYPICAL 2.438 (8'-0") HIGH FENCE POST AND FOUNDATION SECTION
SCALE: 1:20



SECTION A
SCALE 1:2



SECTION B
SCALE 1:4

POST AND FOUNDATION NOTES

1. ALL CONCRETE AND GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30MPa AT 28 DAYS EXCEPT AS NOTED.
2. ALL REINFORCING STEEL SHALL CONFORM TO CAN/CSA G30.18-M92, GRADE 400R.
3. MINIMUM EMBEDMENT FOR FENCE POST INTO BARREL TO BE AS SHOWN.
4. DESIGN HORIZONTAL WIND LOAD AS PER BC BUILDING CODE:
 $q_{30} = 440 \text{ Pa}$ (FOR STRUCTURAL DESIGN)
 $q_{10} = 360 \text{ Pa}$ (FOR DEFLECTION CHECK & FOUNDATION)
 $C_p = 0.9$
 $C_s = 1.1$
 $C_d = 2.0$
5. DESIGN POST SPACING IS 1.524mm (5'-0").

SOIL NOTES

1. FILL MATERIAL AROUND BASE SHOULD COMPRISE OF WELL GRADED SAND AND GRAVEL SOIL AND BE COMPACTED TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY IN MAXIMUM LIFTS OF 300mm THICK.
2. IF POST BASES (BARRELS) HOLES ARE DRILLED, THE ANNULUS BETWEEN THE POST BASE AND THE WALLS OF THE HOLE SHOULD BE GROUTED.
3. APPROVED FOR SOIL TYPE AT LOCATION SPECIFIED AND AS PER SOIL SAMPLE PROVIDED AND ANALYZED BY THURBER ENGINEERING LTD..

THE DETAILS SHOWN ARE FOR THE PROJECT SITE LOCATION ONLY AND ARE SPECIFIC FOR THE SOIL SAMPLE SUBMITTED AND SHOULD NOT BE USED WITHOUT PERMISSION.

REVISIONS	BY	DATE
A	MDK	NOV/04
B		
C		
D		
E		
F		

DESIGN	DATE	DESIGN	DATE
MDK	NOV/04	MDK	NOV/04
JJ	NOV/04	MDK	NOV/04

Pacific Fence-Crete Ltd.
 BOUNDARY ROAD & ARBOR STREET
 SOUND WALL, POST AND FOOTING DETAILS
 SCALE AS SHOWN
 DRAWING NO. 80018-102-01

NDLEA Consultants Ltd.
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