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DRAWN BY: <u>Z.J.H.</u>				
DESIGNER: <u>J.VAYNBERG</u>				
CHECKED BY: <u>J.TOMESH</u>				
DESIGN TEAM	NO.	BY	DATE	REVISIONS



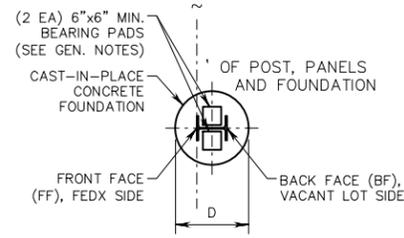
PHONE: 608.782.3161
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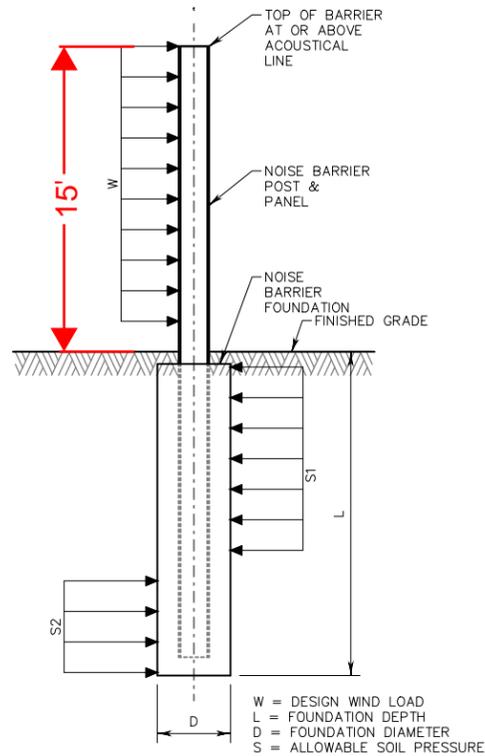
PRELIMINARY SOUND WALL EXHIBIT

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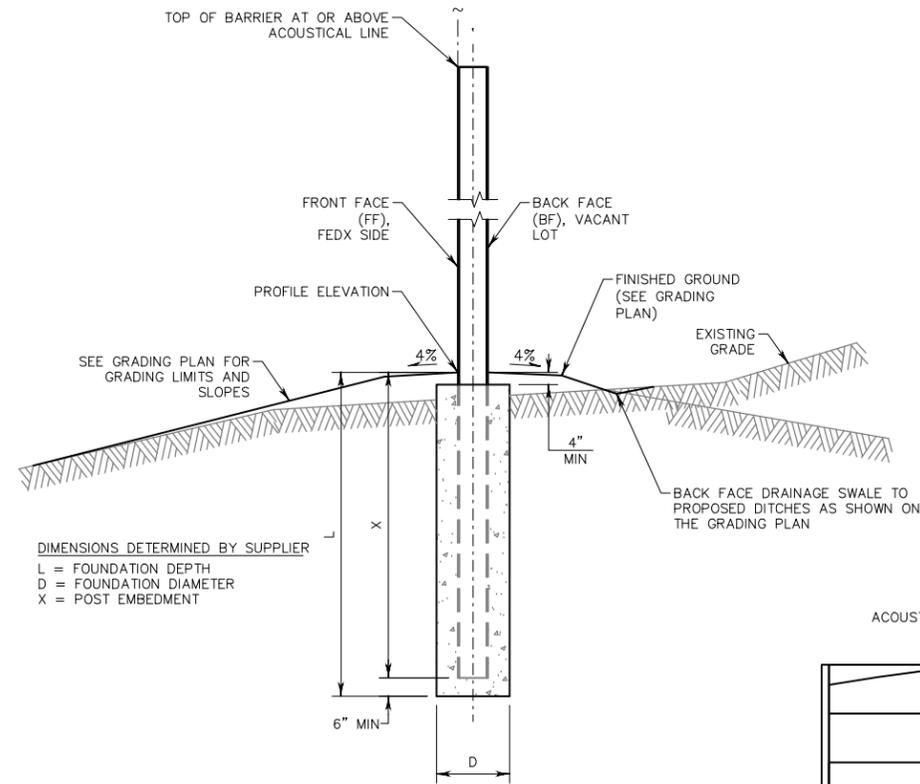


PLAN VIEW
(AT TOP OF FOUNDATION, BARRIER
PANELS OMITTED FOR DRAWING
CLARITY)

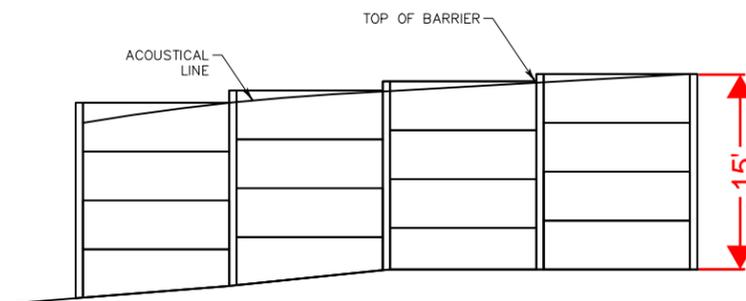


NOISE BARRIER LOADING DIAGRAM

W = DESIGN WIND LOAD
L = FOUNDATION DEPTH
D = FOUNDATION DIAMETER
S = ALLOWABLE SOIL PRESSURE



NOISE BARRIER TYPICAL SECTION
(AT POST LOCATIONS)



FRONT FACE ELEVATION
FRONT FACE (FF)

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS AND SHOP DRAWINGS FOR THE NOISE BARRIER. THE NOISE BARRIER MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION.

PLANS, ELEVATIONS AND DETAILS SHOWN ARE INTENDED TO INDICATE LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

EXISTING BORING LOGS AND LAB DATA IN THE VICINITY OF THE PROPOSED NOISE BARRIERS HAVE BEEN COMPILED AND INCLUDED IN THE "GEOTECHNICAL EXPLORATION REPORT". THE CONTRACTOR IS RESPONSIBLE FOR THE REVIEW OF THE DATA IN THE REPORT, ASSESSING AND EVALUATING FIELD DRILLING CONDITIONS AND SUPPORTING THE DEVELOPMENT OF SOIL DESIGN PARAMETERS FOR THE NOISE BARRIER FOUNDATION DESIGN.

REINFORCING STEEL IN THE CONCRETE CORE OF THE NOISE BARRIER PANELS SHALL HAVE A MINIMUM CLEARANCE OF 1 INCH. THE CONCRETE CORE SHALL BE DESIGNED TO RESIST THE LOADS WITHOUT CONSIDERING ANY COMPOSITE ACTION FROM MATERIAL IN THE PANEL.

A 1/4" THICK COMPRESSIBLE BEARING PAD SHALL BE PROVIDED BETWEEN THE FOUNDATION AND THE BOTTOM PANELS. THE BEARING PADS SHALL BE PREFORMED EPDM RUBBER CONFORMING TO ASTM D-2000, GRADE 2, TYPE A, CLASS A WITH A MINIMUM DUROMETER HARDNESS OF 80.

FF = FRONT FACE OR FEDX SIDE OF THE NOISE BARRIER.
BF = BACK FACE OR VACANT LOT SIDE OF THE NOISE BARRIER.

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PRELIMINARY DETAILS

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