GENERAL NOTES:

1. THESE GENERIC DETAILS ARE TO CONFORM TO ‘In-Situ Performance Evaluation of Exterior Insulation Basement System - Spray Polyurethane Foam’, Swinton et. al., NRC, Internal Report No. 820, 2000, FOR THE APPLICATION OF MEDIUM DENSITY POLYURETHANE SPRAY FOAM FOR BELOW GRADE APPLICATIONS SUCH AS THERMAL RESISTANCE, PROTECTION FROM MOISTURE IN THE GROUND, AND PROTECTION FROM ADHERING SOILS DUE TO FROST.

2. ALL MATERIALS AND DIMENSIONS ARE GENERIC UNLESS STATED IN THE DETAILS TO MEET THE FUNCTIONAL REQUIREMENTS IN THE FOLLOWING TABLE.


<table>
<thead>
<tr>
<th>Envelope Element</th>
<th>Thermal Resistance (5.3, 9.25.2)</th>
<th>Protection from Moisture in the Ground (5.7.3, 9.13.2)</th>
<th>Vapor Barrier (5.5, 9.25.4)</th>
<th>Air Barrier System and Soil Gas Control (5.4, 9.13.4, 9.25.3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Below Grade Beams</td>
<td>WALLTITE®</td>
<td>WALLTITE®</td>
<td>WALLTITE®</td>
<td>N/A</td>
</tr>
<tr>
<td>Foundation Walls</td>
<td>WALLTITE®</td>
<td>WALLTITE®</td>
<td>WALLTITE®</td>
<td>N/A</td>
</tr>
<tr>
<td>Floor Slabs</td>
<td>WALLTITE®</td>
<td>WALLTITE®</td>
<td>WALLTITE®</td>
<td>WALLTITE® &amp; SEALANT</td>
</tr>
</tbody>
</table>

*The application of spray applied polyurethane foam insulation to the underside of floor slabs should not be used in a structural capacity without the review and analysis of a design professional.
BELLOW GRADE BEAM WITH EXTERIOR INSULATION AT VERTICAL FACE

ABOVE GRADE WALL ASSEMBLY WITH WALLTITE®

SLAB ON GRADE

METAL FLASHING

BASF APPROVED TRANSITION MEMBRANE (FULLY ADHERED)

SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®)

PROTECTION/FINISH (MECHANICALLY ATTACHED TO CONCRETE)

GRADE BEAM

VOID FORM FROM OTHERS

PILE

BELOW GRADE BEAM WITH EXTERIOR INSULATION AT VERTICAL FACE
BELOW GRADE BEAM WITH EXTERIOR INSULATION AT VERTICAL FACE & EXTENSION

ABOVE GRADE WALL ASSEMBLY WITH WALLTITE®

SLAB ON GRADE

METAL FLASHING

SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®)

BASF APPROVED TRANSITION membranes (FULLY ADHERED)

PROTECTION/FINISH (MECHANICALLY ATTACHED TO CONCRETE)

GRADE BEAM

VOID FORM FROM OTHERS

PILE

4'-0" (N.T.S.)

SLOPE

HORIZONTAL SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®) APPLIED TO SOIL FOR LATERAL FROST PROTECTION

BELOW GRADE BEAM WITH EXTERIOR INSULATION AT VERTICAL FACE & EXTENSION
EXTERIOR INSULATED FOUNDATION WALLS

SLAB ON GRADE

ABOVE GRADE WALL ASSEMBLY WITH WALLTITE®

METAL FLASHING

BASF APPROVED TRANSITION MEMBRANE

PROTECTION/FINISH (MECHANICALLY ATTACHED TO CONCRETE)

SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®)

FOUNDATION WALL

FOOTING

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EXTERIOR INSULATED FOUNDATION WALL
AND TOP OF FOOTING

ABOVE GRADE WALL ASSEMBLY WITH WALLTITE®

METAL FLASHING

BASF APPROVED TRANSITION MEMBRANE

PROTECTION/FINISH (MECHANICALLY ATTACHED TO CONCRETE)

SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®)

FOUNDATION WALL

SLAB ON GRADE

FOOTING
EXTERIOR INSULATED SHALLOW FOUNDATION WALL AND EXTENSION

ABOVE GRADE WALL ASSEMBLY WITH WALLTITE®

METAL FLASHING

BASF APPROVED TRANSITION MEMBRANE

PROTECTION/FINISH (MECHANICALLY ATTACHED TO CONCRETE)

SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®)

FOUNDATION WALL

4'-0" (N.T.S.)

SLOPE

FOOTING

HORIZONTAL SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®) APPLIED TO SOIL FOR LATERAL FROST PROTECTION

EXTERIOR INSULATED SHALLOW FOUNDATION WALL AND EXTENSION

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1-866-474-3538

Drawing No.: A5.105
Scale: 3" = 1'-0"
Project No.: 1113608.00
Date: MAY 14
Design: PR
Drawn: LA
Reviewed: PR
NOTE 1: THE APPLICATION OF SPRAY APPLIED POLYURETHANE FOAM INSULATION TO THE UNDERSIDE OF FLOOR SLABS SHOULD NOT BE USED IN A STRUCTURAL CAPACITY WITHOUT THE REVIEW AND ANALYSIS OF A DESIGN PROFESSIONAL.
SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®)

FOUNDATION WALL

PROVIDE SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®) BETWEEN SLAB AND FOUNDATION AS REQUIRED BY AUTHORITY HAVING JURISDICTION

GASKET BETWEEN BASE PLATE AND CONCRETE

Min. 2" SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®) APPLIED TO COMPACTED LAYER (REFER TO NOTE 1)

FOOTING

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2" SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®)

FOUNDATION WALL

PAINTED FINISH ON 1/2" GWB

PROVIDE SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®) BETWEEN SLAB AND FOUNDATION AS REQUIRED BY AUTHORITY HAVING JURISDICTION

GASKET BETWEEN BASE PLATE AND CONCRETE

Min. 2" SPRAY APPLIED POLYURETHANE FOAM INSULATION (WALLTITE®) APPLIED TO COMPACTED LAYER (REFER TO NOTE 1)

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FOUNDATION WALL AT FOOTING