REPAIR NOTES

SMH #148 - WEST END OF CENTER WALL

SMH #148 - SOUTH END OF CENTER WALL

GENERAL NOTES

1. NO CHANGE OF THE EXISTING REPAIR MATERIALS, ALL REPAIRS TO BE EXECUTED IN A MANNER THAT THE MANHOLE WALLS ARE A riders of 3" FIRE PROOFING. 

2. ALL WORK TO BE PERFORMED IN A MANNER THAT THE MANHOLE WALLS ARE A riders of 3" IN SERVICE.

3. ALL WORK TO BE PERFORMED IN A MANNER THAT THE MANHOLE WALLS ARE A riders of 3" IN SERVICE.

4. ALL WORK TO BE PERFORMED IN A MANNER THAT THE MANHOLE WALLS ARE A riders of 3" IN SERVICE.

5. ALL WORK TO BE PERFORMED IN A MANNER THAT THE MANHOLE WALLS ARE A riders of 3" IN SERVICE.
CONCRETE REPAIR NOTES

SURFACE SPALL REPAIR

NOTE:

DEEP SPALL w/ REINFORCEMENT
SECTION LOSS GREATER THAN OR EQUAL TO 25%

REPAIR #1

NOTE:

DEEP SPALL w/ REINFORCEMENT
SECTION LOSS LESS THAN OR EQUAL TO 25%

REPAIR #2

NOTE:

CRACK REPAIR

NOTE:

EXISTING BOUNDARY OF LOOSE, SPALLED, OR DELAMINATED CONCRETE

RECOMMENDED LAYOUT

DETERIORATED CONCRETE SURFACE REPAIR

NOTE:

REINFORCING BAR DIAMETER TABLE

<table>
<thead>
<tr>
<th>BAR SIZE</th>
<th>NOMINAL DIAMETER (IN.)</th>
<th>MINIMUM ALLOWABLE DIAMETER (IN.)</th>
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<tbody>
<tr>
<td>HP</td>
<td>3/8</td>
<td>0.34</td>
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<tr>
<td>HP</td>
<td>1/2</td>
<td>0.50</td>
</tr>
<tr>
<td>HP</td>
<td>5/8</td>
<td>0.63</td>
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<tr>
<td>HP</td>
<td>3/4</td>
<td>0.78</td>
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<tr>
<td>HP</td>
<td>7/8</td>
<td>1.06</td>
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<tr>
<td>HP</td>
<td>1</td>
<td>1.38</td>
</tr>
<tr>
<td>HP</td>
<td>1 1/4</td>
<td>1.75</td>
</tr>
</tbody>
</table>

REPAIR #3

NOTE:

REPAIR #4

NOTE: