



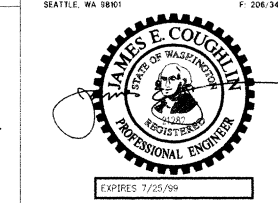
SUN HEALTHCARE SYSTEMS, INC.
CAMPUS: PHASE ONE
ANACORTES, WASHINGTON

1	2	3	4	5	<p>(For Reinforcing in Grouted Masonry Construction)</p> <p>DEVELOPMENT OF REINFORCING IN GROUTED MASONRY CONST.</p> <table border="1"> <thead> <tr> <th rowspan="2">BAR SIZE</th> <th colspan="2">TENSION</th> <th colspan="2">COMPRESSION</th> </tr> <tr> <th>GR. 40</th> <th>GR. 60</th> <th>GR. 40</th> <th>GR. 60</th> </tr> </thead> <tbody> <tr> <td>#4</td> <td>20"</td> <td>24"</td> <td>15"</td> <td>18"</td> </tr> <tr> <td>#5</td> <td>25"</td> <td>30"</td> <td>19"</td> <td>23"</td> </tr> <tr> <td>#6</td> <td>30"</td> <td>36"</td> <td>23"</td> <td>27"</td> </tr> <tr> <td>#7</td> <td>35"</td> <td>42"</td> <td>26"</td> <td>32"</td> </tr> <tr> <td>#8</td> <td>40"</td> <td>48"</td> <td>30"</td> <td>36"</td> </tr> <tr> <td>#9</td> <td>45"</td> <td>54"</td> <td>34"</td> <td>41"</td> </tr> </tbody> </table> <p>SPLICING OF REINFORCING IN GROUTED MASONRY CONSTRUCTION</p> <table border="1"> <thead> <tr> <th rowspan="2">BAR SIZE</th> <th colspan="2">TENSION</th> <th colspan="2">COMPRESSION</th> </tr> </thead> <tbody> <tr> <td>#4</td> <td>24"</td> <td>15"</td> <td></td> <td></td> </tr> <tr> <td>#5</td> <td>30"</td> <td>19"</td> <td></td> <td></td> </tr> <tr> <td>#6</td> <td>36"</td> <td>23"</td> <td></td> <td></td> </tr> <tr> <td>#7</td> <td>42"</td> <td>26"</td> <td></td> <td></td> </tr> <tr> <td>#8</td> <td>48"</td> <td>30"</td> <td></td> <td></td> </tr> <tr> <td>#9</td> <td>54"</td> <td>34"</td> <td></td> <td></td> </tr> </tbody> </table> <p>NOTES</p> <ol style="list-style-type: none"> TENSION DEVELOPMENT AND SPLICING SHALL BE USED UNLESS COMPRESSION IS SPECIFICALLY NOTED IN DRAWINGS. BARs MAY BE CONSIDERED SPLICED WHEN PLACED IN ADJACENT GROUTED CELLS, HOWEVER, EVEN IF IN SAME CELL, ANY TIME BARS ARE NOT IN CONTACT SPLICE LENGTH SHALL BE INCREASED BY 30%. MAXIMUM GROUT LIFT IS 6'-0" IN ACCORDANCE WITH U.B.C. 2104.6.1. HIGHER GROUT POURS MAY BE USED IF CLEAN-OUTS ARE PROVIDED AND IT IS DEMONSTRATED TO THE SPECIAL INSPECTOR THAT GROUT SPACES CAN BE PROPERLY FILLED. 	BAR SIZE	TENSION		COMPRESSION		GR. 40	GR. 60	GR. 40	GR. 60	#4	20"	24"	15"	18"	#5	25"	30"	19"	23"	#6	30"	36"	23"	27"	#7	35"	42"	26"	32"	#8	40"	48"	30"	36"	#9	45"	54"	34"	41"	BAR SIZE	TENSION		COMPRESSION		#4	24"	15"			#5	30"	19"			#6	36"	23"			#7	42"	26"			#8	48"	30"			#9	54"	34"		
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DATE: 5/18/99
REVISION: CONSTRU. SET

JEC
BTL
CSD
HRB
JEC

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MASONRY DETAILS

98-0027-04
MAY 18, 1999

S4.1 CONSTRUCTION SET

Project: SUN HEALTHCARE SYSTEMS - ANACORTES, WA
Date: 5/18/99
By: JEC
Checked: JEC
Scale: 1/8" = 1'-0"
Notes: SEE DETAIL 24/541