



MONTANA DEPARTMENT OF TRANSPORTATION

# **MONTANA RIGHT-OF-WAY DESIGN MANUAL**

## **Appendix H – Section Land Visual Breakdown**

**Appendix H**  
**SECTION LAND VISUAL BREAKDOWN**

**Table of Contents**

	<b><u>Page</u></b>
APPENDIX H SECTION LAND VISUAL BREAKDOWN .....	H-1
Section Breakdown.....	H-1

**A SECTION OF LAND – 640 ACRES**

80 Chains – 320 Rods – 5280 Feet

<b>40 CHAINS (160 ACRES)</b> 7.92 inches are 1 link 25 links are 1 rod 4 rods or 100 links are 1 chain A rod is 16 ½ feet A pole is 16 ½ feet A chain is 66 feet or four rods A mile is 320 rods, 80 chains, or 5,280 feet An acre contains 43,560 square feet An acre contains 160 square rods An acre is 208.7 (plus) feet square An acre is 8 rods wide by 20 rods long, or any two numbers (of rods) whose product is 160 Square feet X .000023 = acres Square chains X 0.10 = acres 40 chains equals 160 rods or 2640 feet								<b>20 CHAINS</b>   <b>(80 ACRES)</b>   80 rods or 1320 feet		<b>10 CHAINS</b> <b>(20 ACRES)</b>  40 rods or 660 ft.		5 CHAINS 5 ACRES 20 rods or 330 ft.	5 CHAINS 5 ACRES 20 rods or 330 ft.	<b>(10 ACRES)</b>  40 rods or 660 ft.	
								<b>(40 ACRES)</b>   80 rods - 20 Chains or 1320 ft.							
<b>36</b>	<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>31</b>	NW NW (Lot 4) 40 Acres	NE NW (Lot 3) 40 Acres	NW NE (Lot 2) 40 Acres	NE NE (Lot 1) 40 Acres				
<b>1</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>6</b>								
<b>12</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>7</b>	SW NW (Lot 5) 40 Acres	SE NW 40 Acres	SW NE 40 Acres	SE NE 40 Acres				
<b>13</b>	<b>18</b>	<b>17</b>	<b>16</b>	<b>15</b>	<b>14</b>	<b>13</b>	<b>18</b>								
<b>24</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>19</b>	NW SW (Lot 6) 40 Acres	NE SW 40 Acres	NW SE 40 Acres	NE SE 40 Acres				
<b>25</b>	<b>30</b>	<b>29</b>	<b>28</b>	<b>27</b>	<b>26</b>	<b>25</b>	<b>30</b>								
<b>36</b>	<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>31</b>	SW SW (Lot 7) 40 Acres	SE SW 40 Acres	SW SE 40 Acres	SE SE 40 Acres				
<b>1</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>6</b>								

Sectional Map of Township with Adjoining Sections

Subdivision of a Section

Standard Lots are usually in the north and west sections of a township and the acreage may be more or less than 40

**SECTION BREAKDOWN**

**Figure 1H**