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Engineering Answers

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 Erosion Control Specialist- Manager

E & A CONSULTING GROUP, INC.  
 ENGINEERING • PLANNING • ENVIRONMENTAL & FIELD SERVICES

**E&A- P2005.030.000**

|                         |   |              |
|-------------------------|---|--------------|
| Inspector: Sam Fletcher |   | Stage<br>3   |
| Project Name:           | <b>The Heritage<br/>NER110495</b>   |              |
| For Week Ending:        | <b>11/8/2014</b>  |              |
| Project Location:       | East of 156th Street and North and South of Rainwood Road- Bennington, NE<br>(Douglas County) | <b>68007</b> |

|                      |      |  |  |  |
|----------------------|------|--|--|--|
| Grading:             | 100% |  |  |  |
| Sanitary Sewer:      | 100% |  |  |  |
| Storm Sewer:         | 100% |  |  |  |
| Paving:              | 100% |  |  |  |
| Seeding:             | 100% |  |  |  |
| Utilities:           | 100% |  |  |  |
| Overall Development: | 40%  |  |  |  |

| RAIN FALL AMOUNTS | Amount in inches | Date inspected |  |  |  |
|-------------------|------------------|----------------|--|--|--|
|-------------------|------------------|----------------|--|--|--|

|  |  |  |  |  |               |
|--|--|--|--|--|---------------|
|  |  |  |  |  | <b>Week 1</b> |
|--|--|--|--|--|---------------|

|           |       |  |  |  |
|-----------|-------|--|--|--|
| Sunday:   | 0.23" |  |  |  |
| Monday    | 0.22" |  |  |  |
| Tuesday   | 0.00" |  |  |  |
| Wednesday | 0.00" |  |  |  |
| Thursday  | 0.00" |  |  |  |
| Friday    | 0.00" |  |  |  |
| Saturday  | 0.00" |  |  |  |

|  |  |  |  |  |               |
|--|--|--|--|--|---------------|
|  |  |  |  |  | <b>Week 2</b> |
|--|--|--|--|--|---------------|

|           |       |          |             |  |
|-----------|-------|----------|-------------|--|
| Sunday:   | 0.00" |          |             |  |
| Monday    | 0.00" |          |             |  |
| Tuesday   | 0.00" |          |             |  |
| Wednesday | 0.50" |          |             |  |
| Thursday  | 0.51" |          |             |  |
| Friday    | 0.00" | 10/24/14 | 75/52 sunny |  |
| Saturday  | 0.00" |          |             |  |

|  |  |  |  |  |               |
|--|--|--|--|--|---------------|
|  |  |  |  |  | <b>Week 3</b> |
|--|--|--|--|--|---------------|

|           |       |  |  |  |
|-----------|-------|--|--|--|
| Sunday:   | 0.00" |  |  |  |
| Monday    | 0.00" |  |  |  |
| Tuesday   | 0.00" |  |  |  |
| Wednesday | 0.00" |  |  |  |
| Thursday  | 0.00" |  |  |  |
| Friday    | 0.00" |  |  |  |
| Saturday  | 0.00" |  |  |  |

|  |  |  |  |  |               |
|--|--|--|--|--|---------------|
|  |  |  |  |  | <b>Week 4</b> |
|--|--|--|--|--|---------------|

|           |       |  |  |  |
|-----------|-------|--|--|--|
| Sunday:   | 0.00" |  |  |  |
| Monday    | 0.03" |  |  |  |
| Tuesday   | 0.03" |  |  |  |
| Wednesday | 0.00" |  |  |  |
| Thursday  | 0.00" |  |  |  |
| Friday    | 0.00" |  |  |  |
| Saturday  | 0.00" |  |  |  |

|  |  |  |  |  |               |
|--|--|--|--|--|---------------|
|  |  |  |  |  | <b>Week 5</b> |
|--|--|--|--|--|---------------|

|           |     |  |  |  |
|-----------|-----|--|--|--|
| Sunday:   | N/A |  |  |  |
| Monday    | N/A |  |  |  |
| Tuesday   | N/A |  |  |  |
| Wednesday | N/A |  |  |  |
| Thursday  | N/A |  |  |  |
| Friday    | N/A |  |  |  |
| Saturday  | N/A |  |  |  |

|   |      |  |  |  |  |
|---|------|--|--|--|--|
| <b>Complaints:</b>  | None |  |  |  |  |
| <b>Construction Sequencing:</b>   |      |  |  |  |  |
| <b>Which portion(s) (i.e. drainage basins) of the site have had a temporary or permanent cessation of grading, earthwork, or ground disturbance in the last 14 days?</b>  |      |  |  |  |  |
| Entire site, grading completed 7/2006 and site seeded 9/5/06.   |      |  |  |  |  |
| <b>Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :</b>   |      |  |  |  |  |
| Entire site, grading completed 7/2006 and site seeded 9/5/06.   |      |  |  |  |  |
| <b>What temporary or permanent stabilization measures listed in this section are being implemented?</b>   |      |  |  |  |  |
| Wetlands Mitigation Seeding (5/31/06), Slopes Seeded/Matted (8/30/06), Temp. Seeded (9/5/06), Re-Seeded 5/21/07, Re-Seeded ROW on 9/5/07 & 11/14/07, Erosion seeded in various areas (4/09), Old Basin 5 was seeded and matted (5/2/12) |      |  |  |  |  |

|   |
|---|
| <b>Are approved entrances and adjacent streets being maintained adequately?</b> |
| Yes   |

|   |
|---|
| <b>Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?</b> |
| yes   |

|  |
|--|
| <b>Comments:</b>   |
| <b>Comments:</b><br>A few houses are being built in the development. |

|  |
|--|
| <b>Findings / Corrective Actions (Date):</b>   |
| <b>Findings / Corrective Actions (Date):</b><br>1) See BMP section for required maintenance. |

| Unique Name               | Type  | Location                 | Projected Install Date | Status  | Maintenance |
|---------------------------|---|--------------------------|------------------------|---------|-------------|
| CE 1                      | Construction Entrance   | N41d00m00s<br>W96d00m00s |                        | Removed |             |
| <b>Current Condition:</b> | Entrance has been paved.  |                          |                        |         |             |
| CE 2                      | Construction Entrance   | N41d00m00s<br>W96d00m00s |                        | Removed |             |
| <b>Current Condition:</b> | Entrance has been paved.  |                          |                        |         |             |
| CW 1                      | Concrete Washout  | Lot 20                   | 6/14/2010              | Active  | yes         |
| <b>Current Condition:</b> | Poor condition<br>The concrete washout needs to be cleaned out.<br>Nick with Boyer Young was informed to complete by 10/3/14. Not done as of last inspection. |                          |                        |         |             |
| CW 2                      | Concrete Washout  | Lot 162                  | 6/14/2010              | Active  | yes         |
| <b>Current Condition:</b> | Poor condition<br>The concrete washout needs to be cleaned out.<br>Nick with Boyer Young was informed to complete by 10/3/14. Not done as of last inspection. |                          |                        |         |             |
| Lot 1                     | Silt Fence  | Lot 1                    |                        | Removed |             |
| <b>Current Condition:</b> | Removed - changed to lot 128 replat.  |                          |                        |         |             |

|                           |  |        |            |         |     |
|---------------------------|--|--------|------------|---------|-----|
| Lot 3                     | Silt Fence   | Lot 3  |            | Removed |     |
| <b>Current Condition:</b> | Silt fence was removed prior to inspection on 2/4/13 by Charles Thomas Homes.  |        |            |         |     |
| Lot 4                     | Silt Fence   | Lot 4  |            | Removed |     |
| <b>Current Condition:</b> | Removed- Charles Thomas Homes sodded the lot prior to the 7/8/13 inspection.   |        |            |         |     |
| Lot 14                    | Silt Fence   | Lot 14 |            | Removed |     |
| <b>Current Condition:</b> | Removed- Kainesville Homes sodded the lot prior to the 8/7/13 inspection.  |        |            |         |     |
| Lot 16                    | Silt Fence   | Lot 16 |            | Removed |     |
| <b>Current Condition:</b> | Silt fence was removed prior to inspection on 2/4/13 by builder.   |        |            |         |     |
| Lot 32                    | Silt Fence   | Lot 32 |            | Removed |     |
| <b>Current Condition:</b> | Removed- Kainesville Homes sodded the lot prior to the 8/7/13 inspection.  |        |            |         |     |
| Lot 34                    | Silt Fence   | Lot 34 |            | Removed |     |
| <b>Current Condition:</b> | Removed - Legacy Homes sodded the lot prior to the 10/2/14 inspection.   |        |            |         |     |
| Lot 35                    | Silt Fence   | Lot 35 | 9/4/2014   | Pending | yes |
| <b>Current Condition:</b> | Pending-<br>Silt fence needs to be installed on the back of the lot.<br>Legacy Homes was informed to complete by 10/3/14. Not done as of last inspection.                    |        |            |         |     |
| Lot 50                    | Individual Lot   | Lot 50 | 10/24/2014 | Active  | No  |
| <b>Current Condition:</b> | Active - Legacy Homes is building on the lot. No BMP is needed due to the lot being flat.  |        |            |         |     |
| Lot 53                    | Misc/Other   | Lot 53 |            | Removed |     |
| <b>Current Condition:</b> | Removed- Charleston Homes sodded the lot prior to the 1/3/13 inspection.   |        |            |         |     |
| Lot 56                    | Silt Fence   | Lot 56 |            | Removed |     |
| <b>Current Condition:</b> | Removed- The Home Company removed the silt fence to pour the side walk and it does not need to be reinstalled due to the lot being flat.                                     |        |            |         |     |
| Lot 59                    | Silt Fence   | Lot 59 |            | Removed |     |
| <b>Current Condition:</b> | Removed- Home Enterprises sodded the lot prior to the 11/7/13 inspection.  |        |            |         |     |
| Lot 69                    | Silt Fence   | Lot 69 |            | Removed |     |
| <b>Current Condition:</b> | Removed - Pacesetter Homes removed the silt fence to grade the lot for sod prior to the 9/26/14 inspection. Silt fence is no longer needed due to the lot being graded flat. |        |            |         |     |
| Lot 71                    | Silt Fence   | Lot 71 | 10/24/2014 | Active  | No  |
| <b>Current Condition:</b> | <b>Good condition - Charleston Homes installed silt fence on the back of the lot prior to the 10/24/14 inspection.</b>   |        |            |         |     |
| Lot 73                    | Silt Fence   | Lot 73 |            | Removed |     |
| <b>Current Condition:</b> | removed - This BMP is a duplicate of lot 75 and is removed from the report as of the 9/26/14 inspection.   |        |            |         |     |
| Lot 75                    | Silt Fence   | Lot 75 | 9/26/2014  | Active  | No  |

|                           |   |                |            |         |     |
|---------------------------|---|----------------|------------|---------|-----|
| <b>Current Condition:</b> | <b>Fair condition</b><br>The silt fence on the side of lot needs to be repaired and installed on the back of the lot.<br>Melvin Sudbeck Homes was informed to complete by 10/31/14. |                |            |         |     |
| Lot 115                   | Silt Fence  | Lot 115        |            | Removed |     |
| <b>Current Condition:</b> | Removed - The Home Company sodded the lot prior to the 10/24/14 inspection.   |                |            |         |     |
| Lot 116                   | Silt Fence  | Lot 116        |            | Removed |     |
| <b>Current Condition:</b> | Removed-<br>The lot was sodded by Charles Thomas Homes prior to the 8/7/13 inspection.  |                |            |         |     |
| Lot 118                   | Misc/Other  | Lot 118        |            | Removed |     |
| Lot 120                   | Silt Fence  | Lot 120        | 10/24/2014 | Active  | No  |
| <b>Current Condition:</b> | Good condition - Silt fence was installed on the side of the lot prior to the 10/24/14 inspection. The builder is not known.  |                |            |         |     |
| Lot 125                   | Silt Fence  | Lot 125        | 8/4/2014   | Active  | yes |
| <b>Current Condition:</b> | <b>Fair condition</b><br>The silt fence on the back of the lot needs to be repaired.<br>Regency Homes was informed to complete by 10/3/14. Not done as of last inspection.          |                |            |         |     |
| Lot 126                   | Silt Fence  | Lot 126        | 9/26/2014  | Active  | yes |
| <b>Current Condition:</b> | <b>Fair condition</b><br>The silt fence on the back of the lot needs to be cleaned out.<br>Regency Homes was informed to complete by 10/31/14.                                      |                |            |         |     |
| <b>Current Condition:</b> | Removed-<br>The lot was sodded by Charles Thomas Homes prior to the 7/8/13 inspection.  |                |            |         |     |
| Lot 128                   | Silt Fence  | Lot 128        | 7/5/2014   | Active  | yes |
| <b>Current Condition:</b> | <b>Fair condition</b><br>The silt fence on the back of the lot needs to be cleaned out.<br>Regency Homes was informed to complete by 10/31/14.                                      |                |            |         |     |
| Lot 1 Replat 2            | Silt Fence  | Lot 1 Replat 2 | 8/4/2014   | Pending | yes |
| <b>Current Condition:</b> | Pending-<br>Silt fence needs to be installed on the back of the lot.<br>The builder is unknown at this time. The inspector will update.   |                |            |         |     |
| Lot 136                   | Silt Fence  | Lot 136        | 8/4/2014   | Active  | No  |
| <b>Current Condition:</b> | Good condition - The damaged pieces of silt fence was removed by sherwood homes and do not need to be reinstalled due to a vegetated buffer.  |                |            |         |     |
| Lot 140                   | Individual Lot  | Lot 140        | 10/24/2014 | Active  | No  |

|                           |  |         |            |         |     |
|---------------------------|--|---------|------------|---------|-----|
| <b>Current Condition:</b> | Active - Construction is active on the lot and a BMP is not needed due to the lot being flat. The builder is unknown.  |         |            |         |     |
| Lot 148                   | Individual Lot   | Lot 148 | 10/24/2014 | Active  | No  |
| <b>Current Condition:</b> | Active - The Home Company is building on the lot. No BMP is needed due to the lot being flat.  |         |            |         |     |
| Lot 152                   | Individual Lot   | Lot 152 | 10/31/2014 | Pending | yes |
| <b>Current Condition:</b> | <p>Pending</p> <p>Silt fence needs to be installed on the front of the lot.</p> <p>The builder is unknown as of last inspection. The inspector will update when known.</p> |         |            |         |     |
| Lot 153                   | Individual Lot   | Lot 153 | 10/31/2014 | Pending | yes |
| <b>Current Condition:</b> | <p>Pending</p> <p>Silt fence needs to be installed on the front of the lot.</p> <p>The builder is unknown as of last inspection. The inspector will update when known.</p> |         |            |         |     |
| Lot 162                   | Individual Lot   | Lot 162 | 10/24/2014 | Active  | No  |
| <b>Current Condition:</b> | Active - Legacy Homes is building on the lot. No BMP is needed due to the lot being flat.  |         |            |         |     |
| Lot 164                   | Individual Lot   | Lot 164 | 10/24/2014 | Active  | No  |
| <b>Current Condition:</b> | Active - Construction is active on the lot and a BMP is not needed due to the lot being flat. The builder is unknown.  |         |            |         |     |
| Lot 165                   | Silt Fence   | Lot 165 | 8/4/2014   | Active  | No  |
| <b>Current Condition:</b> | Good condition - Sherwood Homes installed silt fence prior to the 8/4/14 inspection.   |         |            |         |     |
| Lot 168                   | Silt Fence   | Lot 168 |            | Removed |     |
| <b>Current Condition:</b> | Removed - Legacy Homes sodded the lot prior to the 6/2/14 inspection.  |         |            |         |     |
| Lot 171                   | Individual Lot   | Lot 171 | 10/31/2014 | Pending | yes |
| <b>Current Condition:</b> | <p>Pending</p> <p>Silt fence needs to be installed on the front of the lot.</p> <p>The builder is unknown as of last inspection. The inspector will update when known.</p> |         |            |         |     |
| Lot 194                   | Silt Fence   | Lot 194 |            | Removed |     |
| <b>Current Condition:</b> | Removed-<br>The lot was sodded by Charles Thomas Homes prior to the 8/7/13 inspection.   |         |            |         |     |
| Lot 195                   | Silt Fence   | Lot 195 |            | Removed |     |

|                             |  |                          |   |         |    |
|-----------------------------|--|--------------------------|---|---------|----|
| <b>Current Condition:</b>   | Removed - The silt fence was removed prior to the 6/4/14 inspection.   |                          |   |         |    |
| SB 1                        | Sediment Basin   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Removed per Grading Modification   |                          |   |         |    |
| SB 2                        | Sediment Basin   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Removed per Grading Modification   |                          |   |         |    |
| SB 3                        | Sediment Basin   | N41d00m00s<br>W96d00m00s | 11/14/2005  | Active  | No |
| <b>Current Condition:</b>   | Good Condition- 20% Filled<br>Cleanout 9/24/07 by Dave Hausman   |                          |   |         |    |
| SB 4                        | Sediment Basin   | N41d00m00s<br>W96d00m00s | 11/14/2005  | Active  | No |
| <b>Current Condition:</b>   | Good Condition- 35% Filled   |                          |   |         |    |
| SB 5                        | Sediment Basin   | N41d00m00s<br>W96d00m00s | 11/2/2005   | Active  | No |
| <b>Current Condition:</b>   | Good Condition-26% Filled<br>Outlet Pipe recompacted by Sudbeck due to undermining- 4/2006   |                          |   |         |    |
| SB 6                        | Sediment Basin   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Sediment Basin 6 has been removed prior to inspection on 5/2/12 by Ed Jochim. Area was also seeded and matted.   |                          |   |         |    |
| SF 1                        | Silt Fence   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Removed by Nick Wenninghoff prior to inspection on 10/15/09 due to dense vegetation.   |                          |   |         |    |
| SF 2                        | Silt Fence   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Removed- Part of Silt fence #2 has been removed from the Heritage SWPPP due to New SWPPP for Bennington Elementary School project.<br>Silt fence has been removed by Mike Woodward prior to inspection on 4/26/11. |                          |   |         |    |
| SF 3                        | Silt Fence   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Removed<br>Silt fence has been removed by Mike Woodward prior to inspection on 4/26/11.  |                          |   |         |    |
| SF 4                        | Silt Fence   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Removed due to permanent vegetation  |                          |   |         |    |
| SF 5                        | Silt Fence   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Removed<br>Silt fence has been removed by Mike Woodward prior to inspection on 4/26/11.  |                          |   |         |    |
| SF 6                        | Silt Fence   | N41d00m00s<br>W96d00m00s |   | Removed |    |
| <b>Current Condition:</b>   | Removed<br>Silt fence has been removed by Mike Woodward prior to inspection on 4/26/11.  |                          |   |         |    |
| STR                         | Street Cleaning  | N41d00m00s<br>W96d00m00s | 2/26/2007   | Active  | No |
| <b>Current Condition:</b>   | Good condition- No Major signs of track off.   |                          |   |         |    |
| SWPPP Sign                  | Signs  | 1 sign on site           | 8-19-08   | Active  | No |
| <b>Current Condition:</b>   | Good Condition:<br>156th and Cleveland Blvd  |                          |   |         |    |
| <b>Inspector Signature:</b> |   |                          | <b>Reviewed By:</b>  |         |    |