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E & A CONSULTING GROUP, INC.

Engineering Answers

Zachary A. Jilek, CPESC, CISEC
 Erosion Control Specialist- Manager

E&A- P2005.030.000

Inspector: Chase Wickard		Stage 2
Project Name:	The Heritage NER110495	
For Week Ending:	3/10/2018	
Project Location:	East of 156th Street and North and South of Rainwood Road- Bennington, NE (Douglas County)	68007

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	100%			
Utilities:	100%			
Overall Development:	50%			

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.00"			
Monday	0.00"	02/26/18	54/27 Clear	
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 2
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 3
Sunday:	N/A			
Monday	N/A			
Tuesday	N/A			
Wednesday	N/A			
Thursday	N/A			
Friday	N/A			
Saturday	N/A			

Complaints:	None
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Construction Sequencing:
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?
Entire site, grading completed 7/2006 and site seeded 9/5/06. Grading began on old school site east of Star grass Road (11/9/17).
Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :
Entire site, grading completed 7/2006 and site seeded 9/5/06. Grading began on old school site east of Stargrass Road (11/9/17).
What temporary or permanent stabilization measures listed in this section are being implemented?

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). The areas that were disturbed when SB 3 and 5 were closed has been seeded (9/10/16/).

SUMMARY QUESTIONS:

Are approved entrances and adjacent streets being maintained adequately?

No

Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?

Yes

CHECKLIST QUESTIONS:

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?

Yes

Is dust associated with the construction activity adequately controlled on the site?

Yes

Comments:

Comments:

- Multiple houses are being built in the development.
- SB 4 is being partially closed to accommodate the dirt from the grading of the new area as of 11/9/17. The inspector will continue to monitor its effectiveness. The surrounding area is primarily built out so the remaining basin can accommodate the flow coming from the adjacent lots.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

- See BMP section for required maintenance.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	Intersection of Rosewood and Rainwood Road	11/21/2017	Pending	No
Current Condition:	Pending - The inspector will recommend an entrance if it becomes necessary.				
CW 1	Concrete Washout	Lot 20		Removed	
Current Condition:	Removed - Boyer Young cleaned out and removed the concrete washout prior to the 9/26/15 inspection.				
CW 2	Concrete Washout	Lot 162		Removed	
Current Condition:	Removed - Boyer Young cleaned out and removed the concrete washout prior to the 9/26/15 inspection.				
IF 1	Inlet Filter	Rosewater Prky and Chicory St.		Removed	
Current Condition:	Removed - E&A inspector removed the inlet filter during inspection on 4/15/17.				
Lot 2	Silt Fence	Lot 2		Removed	
Current Condition:	Removed - Regency Homes seeded the lot prior to the 7/16/15 inspection.				
Lot 1 Replat 1	Silt Fence	Lot 1 Replat 1		Removed	
Current Condition:	Removed - MJ Design sodded the lot prior to the last inspection on 6/7/17.				
Lot 2 Replat 1	Individual Lot	Lot 2 Replat 1		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 9/19/17.				
Lot 2 Replat 2	Silt Fence	Lot 2 Replat 2		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to inspection on 5/17/17				
Lot 5	Individual Lot	Lot 5	4/19/2017	Active	Yes
Current Condition:	Fair Condition - The lot was previously labeled lot 3 replat 2. The inspector has re-named the lot 5 per the SWPPP. Silt fence needs to be installed on the back of the lot to protect the waterway. The Home Company was informed to complete by 2/5/18. Not done as of the last inspection.				
Lot 2 Replat 3	Individual Lot	Lot 4 Replat 2		Removed	
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to the inspection on 12/4/17.				
Lot 7 Replat 2	Silt Fence	Lot 7 Replat 2		Removed	
Current Condition:	Removed - John Shelburne sodded the lot prior to the 6/23/16 inspection.				
Lot 19	Silt Fence	Lot 19	8/17/2017	Pending	Yes

Current Condition:	Pending - Silt fence needs installed on the front of the lot. Pacesetter was informed to complete by 9/26/17. Not done as of the last inspection. Pacesetter Homes was reminded on 1/3/18, 2/27/18 .				
Lot 21	Silt Fence	Lot 21	8/17/2017	Pending	Yes
Current Condition:	Pending - The Home company was identified as the builder on 11/9/17. Silt fence needs installed on the front of the lot. The Home Company was informed to complete by 11/16/17. Not done as of the last inspection. The Home Company was reminded on 1/3/18, 2/27/18 .				
Lot 27	Silt Fence	Lot 27		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the inspection on 12/18/17.				
Lot 33	Individual Lot	Lot 33	11/9/2017	Pending	Yes
Current Condition:	Pending - The Home Company began construction on the lot prior to the inspection on 11/9/17. Silt fence needs installed on the side and rear of the lot. The Home Company was informed to complete by 11/16/17. Not done as of the last inspection. The Home Company was reminded on 1/3/18, 2/27/18 .				
Lot 40	Individual Lot	Lot 40		Removed	
Current Condition:	Removed- The home company sodded the lot prior to the inspection on 5/17/17				
Lot 41	Individual Lot	Lot 41	12/4/2017	Active	No
Current Condition:	Good Condition - Brookstone Custom Homes repaired the silt fence prior to the inspection on 2/12/18.				
Lot 42	Silt Fence	Lot 42	2/26/2018	Pending	Yes
Current Condition:	Pending - An unknown builder began construction on the lot prior to the inspection on 2/26/18. The inspector will notify the builder of needed maintenance when they are identified. 1. The dirt pile needs removed from the ROW. 2. Silt fence needs installed on the back of the lot. 1. The builder will be informed when they are identified. 2. The builder will be informed when they are identified.				
Lot 47	Silt Fence	Lot 47		Removed	
Current Condition:	Removed - Richland Homes sodded the lot prior to the inspection on 12/4/17.				
Lot 48	Individual Lot	Lot 48		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the 10/21/16 inspection.				
Lot 49	Individual Lot	Lot 49	12/18/2017	Pending	Yes
Current Condition:	Pending - Marc David Custom Homes began construction on the lot prior to the inspection on 12/18/17. 1. Silt fence or straw wattles are needed on the north side of the lot. 2. The portable toilet needs secured. 1. Marc David Custom Homes was informed to complete by 3/5/18. 2. Marc David Custom Homes was informed to complete by 3/5/18.				
Lot 51	Individual Lot	Lot 51		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 4/21/16 inspection.				
Lot 57	Silt Fence	Lot 57		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the inspection on 11/9/17.				
Lot 67	Silt Fence	Lot 67		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 7/4/16 inspection.				
Lot 70	Silt Fence	Lot 70	8/17/2017	Active	Yes

Current Condition:	Fair Condition - Legacy Homes installed inlet protection prior to the inspection on 12/4/17. Silt fence needs installed on the back of the lot to protect the waterway. Legacy Homes was informed to complete by 10/18/17. Not done as of the last inspection. Legacy Homes was reminded on 1/3/17, 2/27/18.				
Lot 72	Silt Fence	Lot 71	8/17/2017	Pending	Yes
Current Condition:	Pending - 1. Silt fence needs installed in the rear of the lot to protect the waterway. 2. The portable toilet needs secured. 1. Legacy Homes was informed to complete by 10/18/17. Not done as of the last inspection. Legacy Homes was reminded on 1/3/18, 2/27/18. 2. Legacy Homes was informed to complete by 3/5/18.				
Lot 112	Silt Fence	Lot 112		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 6/6/17.				
Lot 113	Individual Lot	Lot 113		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 7/4/16 inspection.				
Lot 114	Silt Fence	Lot 114		Removed	
Current Condition:	Removed-Sherwood Homes sodded the lot prior to 11/23/2016.				
Lot 121	Individual Lot	Lot 121		Removed	
Current Condition:	Removed - Fools Inc. sodded the lot prior to the inspection on 11/9/17.				
Lot 122	Wattle	Lot 122		Removed	
Current Condition:	Removed- Charleston Homes sodded the lot prior to inspection on 4/19/17.				
Lot 124	Silt Fence	Lot 124		Removed	
Current Condition:	Removed-Pacesetter Homes sodded the lot prior to 11/23/2016.				
Lot 126	Silt Fence	Lot 126		Removed	
Current Condition:	Removed-Regency Homes sodded the lot prior to 11/23/2016.				
Lot 127	Silt Fence	Lot 127		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 12/16/15 inspection.				
Lot 128	Silt Fence	Lot 128		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 7/16/15 inspection.				
Lot 129	Silt Fence	Lot 129		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 11/13/15 inspection.				
Lot 1 Replat 2	Silt Fence	Lot 1 Replat 2		Removed	
Current Condition:	Removed - The lot was sodded prior to the 11/21/14 inspection.				
Lot 133	Individual Lot	Lot 133		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the inspection on 12/4/17.				
Lot 134	Silt Fence	Lot 134		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 8/17/17.				
Lot 135	Silt Fence	Lot 135		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 11/13/15 inspection.				
Lot 136	Silt Fence	Lot 136		Removed	
Current Condition:	Remove - Sherwood Homes sodded the lot prior to the 12/17/14 inspection. The remaining silt fence will be removed as part of construction on lot 135 as of the 4/21/15 inspection.				
Lot 137	Silt Fence	Lot 137		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 5/6/15 inspection.				
Lot 138	Silt Fence	Lot 138		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 10/21/16 inspection.				
Lot 139	Silt Fence	Lot 139		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 8/19/15 inspection.				
Lot 140	Silt Fence	Lot 140		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 6/12/15 inspection.				
Lot 141	Silt Fence	Lot 141		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 8/24/16 inspection.				
Lot 142	Silt Fence	Lot 142		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the inspection on 7/27/17.				
Lot 143	Silt Fence	Lot 143		Removed	
Current Condition:	Removed - G Lee Homes sodded the lot prior to the 6/23/16 inspection.				
Lot 145	Silt Fence	Lot 145		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 6/23/16 inspection.				
Lot 144	Silt Fence	Lot 144		Removed	
Current Condition:	Removed - Dynasty Homes sodded the lot prior to the 7/16/15 inspection.				
Lot 146	Silt Fence	Lot 146		Removed	
Current Condition:	Removed-Charleston Homes sodded the lot prior to 11/23/2016.				

Lot 147	Individual Lot	Lot 147		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 12/16/15 inspection.				
Lot 148	Silt Fence	Lot 148		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 7/16/15 inspection.				
Lot 149	Silt Fence	Lot 149	1/27/2017	Removed	No
Current Condition:	Removed- Charleston Homes sodded the lot prior to inspection on 4/19/17.				
Lot 150	Silt Fence	Lot 150	9/19/2017	Active	No
Current Condition:	Good Condition - Terrance Butler began construction on the lot, and installed silt fence on the side and rear of the lot prior to the inspection on 9/19/17.				
Lot 151	Silt Fence	Lot 151		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 8/19/15 inspection.				
Lot 152	Silt Fence	Lot 152		Removed	
Current Condition:	Removed - Premier Homes sodded the lot prior to the 6/12/15 inspection.				
Lot 153	Individual Lot	Lot 153		Removed	
Current Condition:	Removed - The lot was sodded prior to the 12/17/14 inspection.				
Lot 154	Wattle	Lot 154		Removed	
Current Condition:	Removed - Regency Homes sodded the lot prior to the 7/16/15 inspection.				
Lot 155	Silt Fence	Lot 155		Removed	
Current Condition:	Removed - Home Enterprise sodded the lot prior to the 11/13/15 inspection.				
Lot 157	Individual Lot	Lot 157	5/1/2017	Active	No
Current Condition:	Active - The inspector previously recommended Homes by Premier install silt fence in the back of the lot. However, due to natural vegetation and weather conditions a BMP is not needed at this time. The inspector will monitor.				
Lot 158	Individual Lot	Lot 158	11/9/2017	Active	No
Current Condition:	Active -Pinecrest Homes began construction on the lot prior to the inspection on 11/9/17. Due to the grade of the lot and a vegetative buffer strip in the back no BMP's are currently needed. The inspector will monitor.				
Lot 159	Individual Lot	Lot 159	9/19/2017	Active	No
Current Condition:	Active - Ljubissa Milakovic began construction on the lot prior to the inspection on 9/19/17. Currently no BMP's are needed due to the grade of the lot. The inspector will monitor.				
Lot 161	Individual Lot	Lot 161	11/9/2017	Active	No
Current Condition:	Active - Trademark Homes began construction on the lot prior to the inspection on 11/9/17. Due to the grade of the lot and a vegetative buffer strip in the rear of the lot no BMP's are needed.				
Lot 163	Individual Lot	Lot 162	12/18/2017	Active	No
Current Condition:	Active - Silverstone Building began construction on the lot prior to the inspection on 12/18/17. Currently no BMP's are needed. The inspector will continue to monitor.				
Lot 162	Individual Lot	Lot 162		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 12/16/15 inspection. Legacy Homes Removed the portable toilet and debris prior to the 2/23/16 inspection.				
Lot 164	Individual Lot	Lot 164		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 9/26/15 inspection.				
Lot 165	Silt Fence	Lot 165		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 7/16/15 inspection.				
Lot 166	Silt Fence	Lot 166		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 7/4/16 inspection.				
Lot 167	Silt Fence	Lot 167		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 4/21/16 inspection.				
Lot 168	Silt Fence	Lot 168		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 6/2/14 inspection.				
Lot 170	Individual Lot	Lot 170		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the 12/17/14 inspection.				
Lot 171	Individual Lot	Lot 171		Removed	
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to the inspection on 12/4/17.				
Current Condition:	Silt Fence	Lot 179	11/9/2017	Active	Yes
Lot 179	Fair Condition - Legacy Homes began construction on the lot prior to the inspection on 11/9/17. Legacy Homes installed silt fence on the front of the lot prior to the inspection on 11/9/17. The silt fence needs repaired on the back of the lot. Legacy Homes was informed to complete by 2/5/18. Not done as of the last inspection. Legacy Homes was reminded on 2/27/18.				
Lot 180	Silt Fence	Lot 180		Removed	
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to the inspection on 9/19/17.				

Current Condition:	Removed - Charleston Homes sodded the lot prior to the 12/17/14 inspection.				
Lot 181	Individual Lot	Lot 181		Removed	
Current Condition:	Removed - Dreamscape sodded the lot prior to the 7/16/15 inspection.				
Lot 182	Silt Fence	Lot 182		Removed	
Current Condition:	Removed - Changed to Lot 7 Replat 2.				
Lot 183	Silt Fence	Lot 183		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 4/29/16 inspection.				
Lot 184	Silt Fence	Lot 184		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the 11/13/15 inspection.				
Lot 185	Wattle	Lot 185		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to inspection on 5/10/17.				
Lot 187	Silt Fence	Lot 187		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the inspection on 11/9/17.				
Lot 189	Individual Lot	Lot 189	1/29/2018	Pending	Yes
Current Condition:	<p>Pending - The Home Company began construction on the lot prior to the inspection on 1/29/18.</p> <p>Silt fence needs installed in the rear of the lot.</p> <p>The Home Company was informed to complete by 2/5/18. Not done as of the last inspection. The Home Company was reminded on 2/27/18.</p>				
Lot 195	Silt Fence	Lot 195		Removed	
Current Condition:	Removed - The silt fence was removed prior to the 6/4/14 inspection.				
SF 6	Silt Fence	SB 5	8/24/2016	Active	Yes
Current Condition:	<p>Fair Condition - The contractor that closed SB 5 installed silt fence prior to the 8/24/16 inspection.</p> <p>The silt fence needs to be repaired in the southeast corner of the lot.</p> <p>The inspector will attempt to re-tie the silt fence during the next inspection. Not done as of the last inspection.</p>				
SF 7	Silt Fence	SB 3	9/27/2016	Active	Yes
Current Condition:	<p>Fair Condition-</p> <p>The silt fence is down in the southwest corner as of the inspection on 1/1/18.</p> <p>The inspector will re-tie when winter conditions allow. Not done as of the last inspection.</p>				
SF 8	Silt Fence	Rainwood Road	11/23/2016	Active	No
Current Condition:	Good Condition - Boyer Young installed a silt fence check in front of Rainwood Road prior to 11/23/2016.				
SF 9	Silt Fence	The perimeter of the newly graded area	11/21/2017	Active	Yes
Current Condition:	<p>Fair Condition -</p> <p>The silt fence needs re-tied and repaired in several areas.</p> <p>Mark Westergard with E&A Consulting Group was informed to complete the maintenance by 2/19/18, or when conditions allow. Not done as of the last inspection</p>				
SB 3	Sediment Basin	South of Wild Indigo St and Prairie Star St.		Removed	
Current Condition:	Removed - The basin was closed prior to the 8/24/16 inspection.				
SB 4	Sediment Basin	South of 149th Dead End	11/14/2005	Active	Yes
Current Condition:	<p>Fair Condition- 35% Filled - Roth Enterprise cleaned off the risers prior to the 7/7/16 inspection.</p> <p>The southern riser was damaged by Leik Construction during the partial basin closure.</p> <p>Dusty Roth has been contacted as of 12/12/17 in order to remove and cap the riser. The inspector will monitor. Dusty Roth was reminded on 2/26/18.</p>				
SB 5	Sediment Basin	Southwest corner of Rosewater Pkwy and North H.W.S Cleveland Blvd		Removed	

Current Condition:	Removed - The basin was closed prior to the 8/24/16 inspection.				
STR	Street Cleaning	Entire Site	2/26/2007	Active	Yes
Current Condition:	Fair condition - The streets need cleaned in front of lot 71. Legacy Homes was informed to complete by 2/27/18.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 156th and Bennington Blvd				
Inspector Signature:	<i>Clare Wilford</i>		Reviewed By:	<i>Bob Hill</i>	