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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: Jason Brackett		Stage 2
Project Name:	The Heritage NER110495	
For Week Ending:	10/13/2018	
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:	60%			

RAIN FALL AMOUNTS	Amount in inches	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.01"			
Monday	0.00"			
Tuesday	0.64"	9/25/2018	Tstorms 66/52	
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.05"			
Saturday	0.06"			
				Week 2
Sunday:	0.09"			
Monday	0.18"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.04"			
Friday	0.09"			
Saturday	0.00"			
				Week 3
Sunday:	0.45"			
Monday	0.86"			
Tuesday	0.76"	10/09/18	Rain 57/49	
Wednesday	0.01"			
Thursday	0.00"			
Friday	0.12"			
Saturday	0.00"			

Complaints:	None

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 Stargrass 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/). Area surrounding SB#4 has been seeded (5/22/18).

SUMMARY QUESTIONS:

Are approved entrances and adjacent streets being maintained adequately?

Yes

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?

No, See BMPs section.

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. The basin was working effectively as of the 8/13/18 inspection.

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 6		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to inspection on 5/22/18				
Lot 6	Individual Lot	Lot 5		Removed	
Current Condition:	Removed - The lot was previously labeled lot 3 replat 2. The inspector has re-named the lot 6 per the SWPPP. Silt fence was installed at the back of the lot as of the 3/24/18 inspection. The Home Company removed the dirt pile from the ROW prior to the inspection on 4/5/18. The Home Company began grading prior to inspection on 6/26/18. The Home Company sodded the lot and removed the silt fence prior to the 7/18/18 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 6 Replat 2	Silt Fence	Lot 6 Replat 2	5/22/2018	Active	Yes

Current Condition:	Fair Condition - Sherwood Homes began construction prior to inspection on 5/22/18. Silt fence was installed along the East corner in along side of lot prior to inspection on 6/12/18. The Inspector was informed that the brush in the back of the lot was from the adjacent lots construction. Inspector informed The Home Company to remove the brush. Silt fence needs to be repaired in the back corner of the lot. Sherwood Homes was informed to complete by 8/20/18. Not done as of the last inspection. Sherwood Homes was reminded on 9/20/18, 10/9/18 .				
Lot 19	Silt Fence	Lot 19		Removed	
Current Condition:	Removed - Pacesetter Homes installed silt fence on the front of the lot prior to the inspection on 3/12/18. Pacesetter Homes sodded the lot and removed the silt fence prior to the 7/18/18 inspection.				
Lot 20	Individual Lot	Lot 20	4/13/2018	Active	No
Current Condition:	Active- Boyer Young installed silt fence on the front corners of the lot prior to the 7/18/18 inspection. Lot is well vegetated with voluntary vegetation and silt fence is not required. E&A will continue to monitor. Silt fence was removed prior to the 8/13/18 inspection.				
Lot 21	Silt Fence	Lot 21		Removed	
Current Condition:	Removed - The Home Company installed silt fence prior to the inspection on 4/5/18. The Home Company sodded the lot and removed the silt fence prior to the inspection on 7/18/18.				
Lot 22	Individual Lot	Lot 26	4/13/2018	Active	No
Current Condition:	Active- Boyer Young installed silt fence on the front corner of the lot prior to the 7/18/18 inspection. Lot is well vegetated with voluntary vegetation and silt fence is not required. E&A will continue to monitor. Silt fence was removed prior to the 8/13/18 inspection.				
Lot 26	Individual Lot	Lot 26	4/13/2018	Active	No
Current Condition:	Active- CBS Homes began construction prior to inspection on 4/13/18. No BMPs will be recommended at this time. The streets in front of the lot were clean as of the 8/13/18 inspection.				
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	Silt Fence	Lot 33		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to inspection on 6/2/18				
Lot 36	Individual Lot	Lot 36	4/5/2018	Active	Yes
Current Condition:	Fair Condition - Riverstone Custom Homes began construction on the lot prior to the inspection on 4/5/18. Riverstone Construction installed silt fence behind the lot prior to inspection on 4/13/18. The dirt pile was removed from the ROW prior to inspection on 4/27/18. The silt fence at the back of the lot should be repaired. Riverstone Custom Homes was informed to complete by 9/12/18. Not done as of the last inspection. Riverstone was reminded on 10/9/18.				
Lot 38	Individual Lot	Lot 38	8/13/2018	Active	Yes
Current Condition:	Fair Condition - D&E Custom Building and Design began construction on the lot prior to the 8/13/18 inspection. D&E installed silt fence on the north west corner of the lot prior to the 8/13/18 inspection. D&E removed the dirt pile from the ROW prior to the inspection on 9/5/18. The silt fence along the north and south sides of the lot needs to be cleaned out/repaired. D&E was informed to complete by 8/28/18. Not done as of the last inspection. D&E was reminded on 9/20/18, 10/9/18.				
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		Removed	
Current Condition:	Removed - Brookstone Homes sodded the lot prior to inspection on 6/12/18.				
Lot 42	Silt Fence	Lot 42		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 8/21/18.				
Lot 43	Individual Lot	Lot 43	8/13/2018	Active	No
Current Condition:	Good Condition - Construction is active by Sherwood Homes as of the 8/13/2018 inspection. Sherwood Homes installed silt fence along the back of the lot prior to the inspection on 9/5/18. Sherwood Homes removed the dirt pile from the ROW prior to the 9/18/18 inspection.				
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 - Marc David Custom Homes sodded the lot prior to inspection on 5/11/18				
Lot 57	Silt Fence	Lot 57		Removed	

Current Condition:	Removed - Sherwood Homes sodded the lot prior to the inspection on 11/9/17.				
Lot 58	Silt Fence	Lot 58	5/22/2018	Active	Yes
Current Condition:	<p>Fair Condition - Dynasty Homes began construction prior to inspection on 5/22/18. Silt fence was trenched in along side of lot prior to inspection on 6/12/18. Toilet was secured prior to the 7/30/18 inspection.</p> <p>1) Silt Fence needs to be cleaned out along the back of the lot and repaired/reinstalled in SE corner. 2) Toilet needs to be resecured.</p> <p>1) Dynasty Homes was informed to complete by 6/19/18. Not done as of last inspection. Dynasty Homes was reminded on 7/30/18, 8/13/18, 9/20/18, 10/9/18. 2) Dynasty Homes was informed to complete by 8/20/18. Not done as of the last inspection. Dynasty Homes was reminded on 9/20/18, 10/9/18.</p>				
Lot 60	Individual Lot	Lot 60	6/19/2018	Active	No
Current Condition:	Good Condition - Legacy Homes began construction prior to inspection on 6/19/18. Dirt pile was removed from the ROW prior to the 7/18/18 inspection. Silt fence was installed in the back of the lot prior to the 7/30/18 inspection. Toilet was secured prior to the 8/13/18 inspection.				
Lot 70	Silt Fence	Lot 70		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to inspection on 6/12/18.				
Lot 72	Silt Fence	Lot 72		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the 8/13/18 inspection.				
Lot 112	Silt Fence	Lot 112		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to the inspection on 6/6/17.				
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 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 150	Silt Fence	Lot 150	9/19/2017	Removed	
Current Condition:	Removed - 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. Terrance Butler sodded the lot and removed the silt fence prior to the 7/18/18 inspection.				
Lot 157	Individual Lot	Lot 157		Removed	
Current Condition:	Removed - Homes by Premier sodded the lot prior to inspection on 5/11/18				
Lot 158	Individual Lot	Lot 158	11/9/2017	Removed	
Current Condition:	Removed - 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. Pinecrest Homes sodded the lot and removed the silt fence prior to the 7/18/18 inspection.				
Lot 159	Individual Lot	Lot 159		Removed	
Current Condition:	Removed - Ljubissa Milakovic sodded the lot prior to inspection on 6/12/18.				
Lot 160	Individual Lot	Lot 160		Removed	
Current Condition:	Good Condition - The Home Company sodded the lot prior to the 9/18/18 inspection.				
Lot 161	Individual Lot	Lot 161		Removed	
Current Condition:	Removed - Trademark Homes sodded the lot prior to inspection on 6/2/18.				
Lot 163	Silt Fence	Lot 162		Removed	
Current Condition:	Removed - Silverstone Building Company sodded the lot prior to inspection on 6/26/18.				
Lot 171	Individual Lot	Lot 171		Removed	
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to the inspection on 12/4/17.				
Lot 179	Silt Fence	Lot 179		Removed	
Current Condition:	Removed - Legacy Homes sodded the lot prior to inspection on 6/12/18.				
Lot 180	Silt Fence	Lot 180		Removed	
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to the inspection on 9/19/17.				
Lot 185	Wattle	Lot 185		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to inspection on 5/10/17.				
Lot 186	Individual Lot	Lot 186		Removed	
Current Condition:	Removed - Pacesetter Homes sodded the lot prior to the 10/9/18 inspection.				
Lot 187	Silt Fence	Lot 187		Removed	
Current Condition:	Removed - Sherwood Homes sodded the lot prior to the inspection on 11/9/17.				
Lot 188	Individual Lot	Lot 188		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the 10/9/18 inspection.				

Lot 189	Individual Lot	Lot 189		Removed	
Current Condition:	Removed - The Home Company sodded the lot prior to the inspection on 8/21/18.				
Lot 190	Silt Fence	Lot 190	4/5/2018	Active	Yes
Current Condition:	<p>Fair Condition - Pinecrest Homes began construction on the lot prior to the inspection on 4/5/18. Silt fence was observed on the back of the lot during the inspection on 4/5/18. Dirt pile was removed from the ROW prior to the 7/30/18 inspection.</p> <p>Silt Fence should be extended to cover back of lot.</p> <p>Pinecrest Homes was informed to complete by 4/20/18. Not done as of last inspection. Pinecrest Homes was reminded on 7/6/18, 7/30/18, 9/20/18.</p>				
Lot 191	Individual Lot	Lot 191	9/25/2018	Pending	Yes
Current Condition:	<p>Pending - David Thomas Construction began construction on the lot prior to the 8/13/18 inspection. Dave Thomas Construction removed the dirt pile from the ROW prior to the inspection on 9/5/18.</p> <p>Silt fence needs to be installed across the back of the lot.</p> <p>David Thomas Construction was informed to complete by 9/26/18. Not done as of the last inspection.</p>				
Lot 193	Individual Lot	Lot 193	9/25/2018	Pending	Yes
Current Condition:	<p>Pending - Proline Homes began construction on the lot prior to the 8/13/18 inspection. Proline Homes removed the dirt pile from the ROW prior to the inspection on 9/5/18.</p> <p>Silt fence needs to be installed across the back of the lot.</p> <p>Proline Homes was informed to complete by 9/26/18. Not done as of the last inspection.</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		Removed	
Current Condition:	Removed - Commercial Seeding removed the silt fence prior to the 10/9/18 inspection.				
SF 7	Silt Fence	SB 3	9/27/2016	Removed	Yes
Current Condition:	Removed - SF 7 changed to lot level item (lots 5 and 6) as of 5/15/18.				
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. Silt Fence was repaired prior to the 8/13/18 inspection				
SF 9	Silt Fence	The perimeter of the newly graded area	11/21/2017	Active	Yes
Current Condition:	<p>Fair Condition - The silt fence was repaired by Commercial Seeding prior to the inspection on 4/5/18. A section of the silt fence was not repairable due to standing water. Commercial Seeding installed silt fence around the existing dirt stock pile prior to the inspection on 3/5/18. The silt fence in the SE corner was repaired prior to inspection on 4/27/18. The Inspector was informed that the silt fence would be the highest priority for Commercial Seeding during the week of 7/30/18. Silt fence was repaired and sediment was cleaned up from adaject lots prior to the 8/13/18 inspection.</p> <p>Silt fence needs to be repaired and cleaned out in multiple locations.</p> <p>Commercial seeding was informed to complete by 10/16/18.</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	No
Current Condition:	Good Condition- 40% Filled - Roth Enterprise cleaned off the risers prior to the 7/7/16 inspection. Dustin Roth removed southern riser and removed dirt to restore drainage prior to inspection on 7/2/18.				
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	No
Current Condition:	Good Condition - CBS Homes cleaned the streets in front of Lot 26 prior to inspection on 6/20/18. Streets were clean during the 9/18/18 inspection.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition:				

A. J. ...

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