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Engineering Answers

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

Zachary A. Jilek, CPESC, CISEC  
 Environmental Services Dept. Manager

**E&A- P2008.207.000**

Inspector: Mike Jacobson, CISEC		Stage 3
Project Name:	<b>Bell Brook NER111506</b>	
For Week Ending:	<b>3/9/2013</b>	
Project Location:	<b>Southwest corner of 192nd and Harrison Street- Omaha, NE (Sarpy County)</b>	<b>68135</b>

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	100%			
Utilities:	100%			
Overall Development:	60%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected		
<b>Week 1</b>				
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
<b>Week 2</b>				
Sunday:	0.00"			
Monday	0.01"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.17"			
Friday	0.03"			
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	0.00"			
Tuesday	0.00"	03/05/13		
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.13"			
Saturday	0.26"			
<b>Week 5</b>				
Sunday:	N/A	N/A		
Monday	N/A	N/A		
Tuesday	N/A	N/A		
Wednesday	N/A	N/A		
Thursday	N/A	N/A		
Friday	N/A	N/A		
Saturday	N/A	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 and site seeded prior to 4/2008.

<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 and site seeded prior to 4/2008.					
<b>What temporary or permanent stabilization measures listed in this section are being implemented?</b>					
Existing Vegetation (4/2008). Harrison St. ROW between 201st and 197th St seed and matting by Sarpy County (8/19/08) Seeding and Matting on the hill south of the ROW between 197th and 199th St. (9/08), seeding and matting on outlot 'O' (3/09), removed basin 8 seeded (05/09), Silt Basin 3 seeded and matted (4/2011); Disturbed area behind sediment basin #7 was re-seeded/matted(10/2011); lots 331-335;340-345 were re-seeded(6/5/12)					
<b>Comments:</b>					
Home construction is active in many areas of the development.					
<b>Findings / Corrective Actions (Date):</b>					
<b>Findings / Corrective Actions (Date):</b>					
1) Some maintenance is required in the BMP section.					
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CW 1	Concrete Washout	Lot 393	11/4/2010	Active	Yes
<b>Current Condition:</b>	<p>Poor Condition The silt fence maintenance was completed prior to inspection on 4/2/12 by CS.</p> <p>The washout pit and the concrete spoils around the washout pit needs to be cleaned up.</p> <p>Chad with Synergy was informed to complete maintenance by 3/12/12. On 3/7/12 Chad asked for Commercial Seeding to get him a bid to complete maintenance. On 3/7/12 Mike w/ Commercial Seeding emailed inspector and stated that he will get a bid in within the next day or so. On 3/6/12 Chad w/ Synergy was forwarded a bid from Commercial Seeding to complete maintenance. On 4/2/12 Chad w/ Synergy was reminded that maintenance needs to be completed ASAP. Chad stated that there is no money at this time to complete maintenance but he hopes that in the next few months some will be allocated to complete maintenance. On 7/24/12, 10/9/12 and again on 3/6/13 Chad w/ Synergy was reminded that maintenance needs to be completed ASAP.</p>				
Lot 22	Misc/Other	Lot 22	3/12/2013	Pending	Yes
<b>Current Condition:</b>	<p>Pending</p> <p>There is dirt piled in the R.O.W. and it needs to be removed or add silt fence around it.</p> <p>Landmark Homes was informed to complete maintenance by 3/12/13 or when conditions allow.</p>				
Lot 36	Silt Fence	Lot 36	2/14/2013	Pending	Yes
<b>Current Condition:</b>	<p>Pending</p> <p>Silt fence needs to be installed on the front and back of the lot along the North side.</p> <p>Prairie Homes was informed to complete maintenance by 2/14/13. On 3/5/13 Prairie Homes was reminded that silt fence needs to be installed ASAP.</p>				
Lot 93	Silt Fence	Lot 93	5/14/2011	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-</p> <p>A few areas of the silt fence are down/damaged and need to be repaired. One area of the silt fence has dirt piled on it and it needs to be cleaned out.</p> <p>Ron w/ Barr Homes was informed to complete maintenance by 12/10/12. On 2/7/13 and again on 3/5/13 Ron w/ Barr Homes was reminded that maintenance needs to be completed ASAP.</p>				
Lot 101	Silt Fence	Lot 101	9/20/2012	Pending	Yes
<b>Current Condition:</b>	<p>Pending</p> <p>Silt fence needs to be installed at the front of the lot.</p> <p>Ron w/ Barr Homes was informed to install silt fence by 9/20/12. On 2/7/13 and again 3/5/13 Ron w/ Barr Homes was reminded that silt fence needs to be installed ASAP.</p>				
Lot 164	Silt Fence	Lot 164	2/14/2013	Pending	Yes

<b>Current Condition:</b>	<p>Pending</p> <p>Dumpster was emptied prior to inspection on 3/5/13 by Kainesville Homes.</p> <p>Silt fence needs to be installed on the lot.</p> <p>Kainesville Homes was informed to install silt fence by 2/14/13. On 3/5/13 Scott w/ Kainesville Homes was reminded that silt fence needs to be installed ASAP.</p>				
Lot 244	Silt Fence	Lot 244	8/8/2011	Active	No
<b>Current Condition:</b>	<p>Good Condition</p> <p>Maintenance was completed prior to inspection on 8/30/11 by Proline Homes.</p>				
Lot 327	Silt Fence	Lot 327	2/14/2013	Pending	Yes
<b>Current Condition:</b>	<p>Pending</p> <p>Silt fence needs to be installed on the back of the lot.</p> <p>Marcuso Homes was informed to install silt fence by 2/14/13. On 3/5/13 Marcuso Homes was reminded that silt fence needs to be installed ASAP.</p>				
Lot 347	Silt Fence	Lot 347	5/20/2011	Active	Yes
<b>Current Condition:</b>	<p>Good Condition</p> <p>There is a dirt piled on the front of the lot and silt fence needs to be installed along the front of the lot.</p> <p>Commercial Seeding was informed to complete maintenance by 3/12/13 or when conditions allow.</p>				
Lot 369	Silt Fence	Lot 369	3/12/2013	Pending	Yes
<b>Current Condition:</b>	<p>Pending</p> <p>Silt fence needs to be installed on the back of the lot.</p> <p>Builder is unknown at this time. Inspector email developer for the name of the builder. The builder will be informed to install silt fence once inspector find out who it is.</p>				
Lot 388	Misc/Other	Lot 388	3/12/2013	Pending	Yes
<b>Current Condition:</b>	<p>Pending</p> <p>There is dirt piled in the R.O.W. and it needs to be removed or add silt fence around it.</p> <p>Woodland Homes was informed to complete maintenance by 3/12/13 or when conditions allow.</p>				
Lot 409	Silt Fence	Lot 409	9/12/2012	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition-</p> <p>As of inspection on 2/7/13 there is active home construction on this lot by Ideal Design.</p> <p>1) As of inspection on 2/7/13 there is active home construction on the lot, therefore the silt fence check needs to be replaced.</p> <p>2) Some lot level BMP needs to be installed above the two curb inlets in the South section of the lot.</p> <p>1) On 2/7/13 and again on 3/5/13 Ideal Design was reminded to complete maintenance ASAP.</p> <p>2) Ideal Design was informed to install a BMP by 2/14/13. On 3/5/13 Ideal Design was reminded to install a BMP on the lot ASAP.</p>				
Lot 411	Silt Fence	Lot 411	1/7/2013	Active	Yes
<b>Current Condition:</b>	<p>Good Condition-</p> <p>Full dumpster was removed prior to inspection on 3/5/13 by Silverstone Building Company.</p> <p>1) There is dirt piled in the R.O.W. and it needs to be removed or add silt fence around it.</p> <p>2) A few areas of silt fence are down/damaged and need to be replaced.</p> <p>1) Silverstone Building Company was informed to complete maintenance by 1/14/13. On 2/7/13 and again on 3/5/13 Silverstone Building Company was reminded that maintenance needs to be completed ASAP.</p> <p>2) Silverstone Building Company was informed to complete maintenance by 3/12/13 or when conditions allow.</p>				
Lot 417	Silt Fence	Lot 417	2/14/2013	Pending	Yes
<b>Current Condition:</b>	<p>Pending</p> <p>Dirt in the R.O.W. was removed prior to inspection on 3/5/13 by Showcase Builders.</p> <p>Silt fence needs to be installed on the front of the lot.</p> <p>Showcase Builders was informed to install silt fence by 2/14/13. On 3/5/13 Showcase Builders was reminded that silt fence needs to be installed on the lot ASAP.</p>				

Lot 461	Silt Fence	Lot 461	3/5/2013	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition</p> <p>One area of the the silt fence on the vacant lot is down/damaged and it needs to be removed.</p> <p>Bill w/ Regency Homes was informed to complete maintenance by 3/12/13 or when conditions allow.</p>				
SB 3	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Basin has been removed and seeded and matted prior to inspection on 4/17/11 by Beaver Excavation.				
SB 4	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Sediment basin was removed prior to inspection on 6/5/12 Beaver Excavation. Area was seeded prior to inspection on 6/5/12 by Beaver Excavation.				
SB 5	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed				
SB 6	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Sediment basin was removed prior to inspection on 6/5/12 Beaver Excavation. Area was seeded prior to inspection on 6/5/12 by Beaver Excavation.				
SB 7	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition- 4% Filled Basin was cleaned out prior to inspection on 6/18/11 by Bob Roth.				
SB 8	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Basin removed by O'Brien grading prior to inspection on 5-13-09. Silt fence has been installed on the toe of the slope, and the area seeded.				
SB 9	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed				
SF 1	Silt Fence	Lots, 331 and 332	5/3/2012	Active	Yes
<b>Current Condition:</b>	<p>Good Condition</p> <p>Dirt piled in the R.O.W. was removed prior to inspection on 3/5/13 by Landmark Homes.</p> <p>One section of silt fence on lot 332 is down/damaged and it needs to be replaced.</p> <p>Landmark Homes was informed to complete maintenance by 3/12/13 or when conditions allow.</p>				
SF 2	Silt Fence	Lots, 333 - 335	5/3/2012	Active	No
<b>Current Condition:</b>	Good Condition Maintenance was completed prior to inspection on 7/23/12 by Commercial Seeding.				
SF 3	Silt Fence	Lots, 340 - 345	5/3/2012	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition</p> <p>1) Silt fence on lot 343 is damaged due to power being tied into the power peg for street lights and it needs to be replaced.</p> <p>2) Silt fence on lot 344 has dirt piled on the silt fence and it is down/damaged and it needs to be cleaned out and repaired, replaced if needed.</p> <p>3) Silt fence on lot 345 has dirt piled on the silt fence and it is down/damaged and it needs to be cleaned out and repaired, replaced if needed.</p> <p>1) Commercial Seeding was informed to complete maintenance by 2/14/13. On 3/8/13 Barry w/ CS called site inspector and stated that the ground was still frozen and they was unable to complete maintenance at this time. Maintenance to be completed when conditions allow.</p> <p>2) Steve w/ Landmark Homes was informed to complete maintenance by 3/12/13 or when conditions allow.</p> <p>3) Steve w/ Landmark Homes was informed to complete maintenance by 3/12/13 or when conditions allow.</p>				
STR	Streets	N41d00m00s W96d00m00s	In Place	Active	Yes

<b>Current Condition:</b>	Fair Condition- 1) There is mud in the street/curb lines along lot 409 and it needs to be cleaned up. 2) There is mud in the street/curb lines along lot 164 and it needs to be cleaned up. 3) There is mud in the street/curb lines along lot 411 and it needs to be cleaned up. 4) There is mud in the street/curb lines along lot 344 and lot 345 and it needs to be cleaned up. 5) There is mud in the street/curb lines around the washout pit on lot 393 and it needs to be cleaned up.  1) Ideal Design was informed to clean up by 2/8/13. On 3/5/13 Ideal Design was reminded that maintenance needs to be completed ASAP. 2) Kainesville Homes was informed to clean up by 2/8/13. On 3/5/13 Scott w/ Kainesville Homes was reminded that maintenance needs to be completed ASAP. 3) Silverstone Building Company was informed to clean up by 3/6/13. 4) Steve w/ Landmark Homes was informed to clean up by 3/6/13. 5) Developer Chad w/ Synergy was informed to clean up by 3/6/13.					
SWPPP Sign	SWPPP Sign	5 signs	8-19-08	Active	No	
<b>Current Condition:</b>	Good condition SWPPP signs are installed at the entrances at 195th and Harrison, 197th and Harrison, 198th and Harrison, 201st and Harrison and 192nd and Bellbrook Blvd.					
<b>Inspector's Signature:</b> 				<b>Reviewed By:</b> 