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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:	Bell Brook NER111506	
For Week Ending:	6/8/2013	
Project Location:	Southwest corner of 192nd and Harrison Street- Omaha, NE (Sarpy County)	68022

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			
					Week 1
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.03"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.52"				
Monday	0.00"	05/20/13			
Tuesday	0.00"				
Wednesday	0.01"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.31"				
					Week 3
Sunday:	0.01"				
Monday	1.24"				
Tuesday	0.00"				
Wednesday	0.59"	05/29/13			
Thursday	0.19"	05/30/13			
Friday	0.12"				
Saturday	0.03"				
					Week 4
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.05"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.90"				
					Week 5
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.


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 and site seeded prior to 4/2008.					
What temporary or permanent stabilization measures listed in this section are being implemented?					
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 outlet '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)					
Comments:					
Home construction is active in many areas of the development.					
Findings / Corrective Actions (Date):					
Findings / Corrective Actions (Date):					
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
Current Condition:	<p>Fair Condition</p> <p>One section of the silt fence is down/damaged and has concrete debris piled on it and it needs to be removed and replace the silt fence. There is some concrete spoils around the washout pit and they need to be cleaned up.</p> <p>Chad with Synergy was informed to complete maintenance by 6/6/13.</p>				
Lot 22	Misc/Other	Lot 22	3/12/2013	Pending	Yes
Current Condition:	<p>Pending</p> <p>1) There is no BMP currently in place on this lot as of inspection on 04/12/2013. 2) There is an inlet filter in the inlet next to this lot and it is damaged and it needs to be removed.</p> <p>1) Landmark Homes was informed to install silt fence or some other type of BMP by 04/19/2013. Silt fence has not been installed as of inspection on 4/21/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 4/26/13. Silt fence has not been installed as of inspection on 4/25/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/1/13. Silt fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/11/13. Silt fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/16/13. Maintenance not completed as of last inspection. 2) Homeowner Jeffrey Gustafson was informed to complete maintenance by 5/27/13. The inlet filter was removed prior to inspection on 5/29/13 by Jeffrey Gustafson.</p>				
Lot 36	Silt Fence	Lot 36	4/12/2013	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>Silt fence was installed prior to inspection on 04/12/2013 by Prairie Homes.</p> <p>1) There is one section of the silt fence is torn as of inspection on 04/12/2013. 2) Silt fence needs to be installed on the front of the lot. 3) One area of the silt fence is full and down/damaged and it needs to be cleaned out and repaired.</p> <p>1) Prairie Homes was requested to repair this silt fence by 04/19/2013. Silt fence has not been installed as of inspection on 4/21/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 4/26/13. Silt fence has not been installed as of inspection on 4/25/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/1/13. Silt fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/11/13. Silt fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/16/13. Maintenance not completed as of last inspection. 2) Prairie Homes was requested to install silt fence by 5/16/13. Maintenance not completed as of last inspection. 3) Prairie Homes was informed to complete maintenance by 6/6/13.</p>				
Lot 93	Silt Fence	Lot 93	5/14/2011	Active	Yes

Current Condition:	<p>Fair Condition- Silt fence was removed and straw wattle was installed in one area of the lot prior to inspection on 5/29/13 by Ron w/ Barr Homes.</p> <p>Straw wattle is damaged and it needs to be repaired.</p> <p>Ron w/ Barr Homes was informed to complete maintenance by 6/5/13. Maintenance not completed as of inspection on 5/30/13 due to wet and muddy conditions, therefore another seven days is given to complete maintenance until 6/6/13.</p>				
Lot 98	Silt Fence	Lot 98	4/24/2013	Active	No
Current Condition:	<p>Good Condition Silt fence was installed on the back of the lot prior to inspection on 04/24/13 Zych Construction.</p>				
Lot 99	Silt Fence	Lot 99	4/24/2013	Active	No
Current Condition:	<p>Good Condition Silt fence was installed on the back of the lot prior to inspection on 04/24/13 Zych Construction.</p>				
Lot 101	Silt Fence	Lot 101	4/24/2013	Active	Yes
Current Condition:	<p>Good condition- Some straw wattle was installed on the lot prior to inspection on 4/24/13 by Barr Homes.</p> <p>Additional straw wattle or silt fence needs to be installed above the curb inlet.</p> <p>Ron w/ Barr Homes was informed to install silt fence by 5/1/13. Maintenance not completed as of last inspection.</p>				
Lot 232	Silt Fence	Lot 232	4/19/2013	Pending	Yes
Current Condition:	<p>Pending</p> <p>Home construction is active on this lot by Proline Homes and no BMP is in place.</p> <p>Proline Homes was called and requested to install silt fence or some other type of BMP by 04/19/2013. Silt fence has not been installed as of inspection on 4/21/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 4/26/13. Silt fence has not been installed as of inspection on 4/25/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/1/13. Silt fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/11/13. Silt fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/16/13. Maintenance not completed as of last inspection.</p>				
Lot 237	Silt Fence	Lot 237	4/19/2013	Pending	Yes
Current Condition:	<p>Pending</p> <p>Home construction is active on this lot by Castlebridge Homes and no BMP is in place.</p> <p>Castlebridge Homes was called and requested to install silt fence or some other type of BMP by 04/19/2013. Silt fence has not been installed as of inspection on 4/21/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 4/26/13. Silt fence has not been installed as of inspection on 4/25/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/1/13. Silt fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/11/13. Silt fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/16/13. Maintenance not completed as of last inspection.</p>				
Lot 243	Silt Fence	Lot 243	4/19/2013	Pending	Yes
Current Condition:	<p>Pending</p> <p>Home construction is active on this lot by Havican Homes and no BMP is in place.</p> <p>Havican Homes was called and requested to install silt fence or some other type of BMP by 04/19/2013. Silt Fence has not been installed as of inspection on 4/21/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 4/26/13. Silt Fence has not been installed as of inspection on 4/25/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 5/1/13. Silt Fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 5/11/13. Silt Fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 5/16/13. Maintenance not completed as of last inspection.</p>				
Lot 244	Silt Fence	Lot 244	8/8/2011	Active	Yes

Current Condition:	Fair Condition 1) There is one section of silt fence that is down as of inspection on 04/12/2013. 2) As of inspection on 5/30/13 one area of the silt fence is now full and down/damaged and it needs to be cleaned out and replaced. 1) Proline Homes was called and requested to repair this by 04/19/2013. Silt Fence has not been installed as of inspection on 4/21/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 4/26/13. Silt Fence has not been installed as of inspection on 4/25/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 5/1/13. Silt Fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 5/11/13. Silt Fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 5/16/13. Maintenance not completed as of last inspection. 2) Proline Homes was informed to complete maintenance by 6/6/13.				
Lot 247	Misc/Other	Lot 247	4/24/2013	Removed	
Current Condition:	Lot was sodded prior to inspection on 5/29/13 by Dynasty Homes.				
Lot 248	Silt Fence	Lot 248	4/19/2013	Pending	Yes
Current Condition:	Pending Home Construction is active as of inspection on 04/12/2013 and there is not BMP in place. Proline Homes was called and requested to install silt fence or some other type of BMP by 04/19/2013. Silt fence has not been installed as of inspection on 4/21/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 4/26/13. Silt fence has not been installed as of inspection on 4/25/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/1/13. Silt fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/11/13. Silt fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/16/13. Maintenance not completed as of last inspection.				
Lot 266	Silt Fence	Lot 266	6/5/2013	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the back of the lot. Proline Homes was informed to install silt fence by 6/6/13.				
Lot 272	Silt Fence	Lot 272	4/24/2013	Active	No
Current Condition:	Good Condition Nelson Builders installed silt fence on this lot prior to inspection on 04/24/2013.				
Lot 289	Silt Fence	Lot 289	4/12/2013	Active	Yes
Current Condition:	Good Condition There is a full dumpster on site and it needs to be emptied or covered. Kainesville Homes was informed to complete maintenance by 6/6/13. Maintenance not completed as of inspection on 5/30/13 due to wet and muddy conditions, therefore another seven days is given to complete maintenance until 6/6/13.				
Lot 323	Silt Fence	Lot 323	6/6/2013	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the back of the lot. Prairie Homes was informed to install silt fence by 6/6/13.				
Lot 326	Silt Fence	Lot 326	6/6/2013	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the back of the lot. D & J Vogel Construction Inc. was informed to install silt fence by 6/6/13.				
Lot 327	Silt Fence	Lot 327	2/14/2013	Pending	Yes

Current Condition:	Pending Silt fence needs to be installed on the back of the lot. Marcuso Homes was informed to install silt fence by 2/14/13. On 3/5/13, 4/12/13 and 04/25/2013 Marcuso Homes was reminded that silt fence needs to be installed ASAP. This was not complete prior to last inspection.				
Lot 337	Silt Fence	Lot 337	6/6/2013	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the back of the lot. Lifestyle was informed to install silt fence by 6/6/13.				
Lot 347	Silt Fence	Lot 347	5/20/2011	Active	No
Current Condition:	Good Condition -Commercial Seeding installed silt fence prior to inspection on 04/12/2013.				
Lot 369	Silt Fence	Lot 369	5/9/2013	Active	Yes
Current Condition:	Good Condition There is a full dumpster on the lot and it needs to be emptied or covered. Kennington Homes was informed to complete maintenance by 5/27/13. Dumpster was emptied prior to inspection on 5/30/13 by Kennington Homes.				
Lot 371	Silt Fence	Lot 371	3/12/2013	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the front of the lot. Woodland Homes was called and requested to have silt fence or some other type of BMP install by 5/11/13. Silt fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/16/13. Silt fence not installed as of last inspection.				
Lot 374	Silt Fence	Lot 374	6/6/2013	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the back of the lot. Marcuso Homes was informed to install silt fence by 6/6/13.				
Lot 381	Silt Fence	Lot 381	4/19/2013	Pending	No
Current Condition:	Pending Home construction is active on this lot by Ideal Designs and no BMP is in place as of inspection on 04/12/2013. Ideal Designs was called and requested to install silt fence or some other type of BMP by 04/19/2013. Silt fence has not been installed as of inspection on 4/21/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 4/26/13. Silt fence has not been installed as of inspection on 4/25/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/1/13. Silt fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/11/13. Silt fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to install silt fence until 5/16/13. Silt fence not installed as of last inspection.				
Lot 386	Silt Fence	Lot 386	4/12/2013	Active	No
Current Condition:	Good Condition -Woodland Homes installed silt fence on this lot prior to inspection on 04/12/2013.				
Lot 388	Misc/Other	Lot 388		Removed	
Current Condition:	Stockpile was removed from the ROW prior to inspection on 04/12/2013 by Woodland Homes -No BMP in place on this lot at this time, but there is currently no silt leaving the site. If silt fence is needed at a later time Woodland Homes will be requested to install it.				
Lot 394	Silt Fence	Lot 394	3/12/2013	Pending	Yes
Current Condition:	Pending Silt fence needs to be installed on the back and the front of the lot. Kennington Homes was informed to complete maintenance by 6/6/13.				

Lot 409	Silt Fence	Lot 409	9/12/2012	Active	Yes
Current Condition:	<p>Fair Condition-</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, 3/5/13 and again on 04/12/2013 Ideal Design was reminded to complete maintenance ASAP. This was not complete prior to last inspection.</p> <p>2) Ideal Design was informed to install a BMP by 2/14/13. On 3/5/13 and 04/12/2013 Ideal Design was reminded to install a BMP on the lot ASAP. This was not complete prior to last inspection.</p>				
Lot 411	Silt Fence	Lot 411	1/7/2013	Active	No
Current Condition:	<p>Good Condition-</p> <p>Dirt in the R.O.W. was removed and silt fence maintenance was completed prior to inspection on 5/20/13 by Silverstone Building Company.</p>				
Lot 413	Silt Fence	Lot 413	5/9/2013	Active	No
Current Condition:	<p>Good Condition-</p> <p>Silt fence was installed on the lot prior to inspection on 4/25/13 by builder.</p>				
Lot 417	Silt Fence	Lot 417	2/14/2013	Pending	Yes
Current Condition:	<p>Pending</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 and 04/12/2013 Showcase Builders was reminded that silt fence needs to be installed on the lot ASAP. This was not complete as of last inspection.</p>				
Lot 461	Silt Fence	Lot 461		Removed	
Current Condition:	<p>Silt fence was removed prior to inspection on 5/29/13 by Bill w/ Regency Homes.</p>				
Lot 475	Silt Fence	Lot 475	4/19/2013	Pending	No
Current Condition:	<p>Good Condition- One little section of straw wattle was installed on the Southeast section of the lot prior to inspection on 4/24/13 by Barr Homes.</p> <p>1) Silt fence needs to be installed in the Southwest section of the lot.</p> <p>2) There is a full dumpster and it needs to be emptied or covered.</p> <p>1) Barr Homes was called and requested to install silt fence or some other type of BMP by 5/1/2013. Silt Fence has not been installed as of inspection on 5/4/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 5/11/13. Silt Fence has not been installed as of inspection on 5/9/13 due to wet and muddy condition, therefore another seven days is given to complete maintenance until 5/16/13. Maintenance not completed as of last inspection.</p> <p>2) Barr Homes was informed to complete maintenance by 6/6/13.</p>				
Lot 480	Silt Fence	Lot 480	4/24/2013	Active	No
Current Condition:	<p>Good condition-</p> <p>Silt fence was installed on the lot prior to inspection on 4/24/13 by builder.</p> <p>Dumpster was emptied prior to inspection on 5/29/13 by G. Lee construction.</p>				
SB 3	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Basin has been removed and seeded and matted prior to inspection on 4/17/11 by Beaver Excavation.</p>				
SB 4	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Sediment basin was removed prior to inspection on 6/5/12 Beaver Excavation.</p> <p>Area was seeded prior to inspection on 6/5/12 by Beaver Excavation.</p>				
SB 5	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Removed</p>				
SB 6	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>Sediment basin was removed prior to inspection on 6/5/12 Beaver Excavation.</p> <p>Area was seeded prior to inspection on 6/5/12 by Beaver Excavation.</p>				
SB 7	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
Current Condition:	<p>Good Condition- 4% Filled</p> <p>Basin was cleaned out prior to inspection on 6/18/11 by Bob Roth.</p>				
SB 8	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	<p>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.</p>				

SB 9	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed				
SF 1	Silt Fence	Lots, 331 and 332	5/3/2012	Active	No
Current Condition:	Good Condition -Silt Fence was repaired prior to inspection on 04/12/2013 by Landmark Homes.				
SF 2	Silt Fence	Lots, 333 - 335	5/3/2012	Active	No
Current Condition:	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
Current Condition:	Good Condition As of inspection on 5/20/13 silt fence on lot 345 was removed and it needs to be reinstalled. Steve w/ Landmark Homes was informed to complete maintenance by 5/27/13.				
STR	Streets	N41d00m00s W96d00m00s	In Place	Active	Yes
Current Condition:	Fair Condition- 1) There is some minor signs of run off on lot 36 and it needs to be cleaned up. 2) There is some minor signs of run off on lot 232 and it needs to be cleaned up. 3) There is some minor signs of run off on lot 369 and it needs to be cleaned up. 4) There is some minor signs of run off on lot 93 and it needs to be cleaned up. 5) There is some minor signs of run off on lot 101 and it needs to be cleaned up. 6) There is some minor signs of run off on lot 409 and it needs to be cleaned up. 1) Prairie Homes was informed to clean up by 5/21/13. Street not cleaned up as of last inspection. 2) Proline Homes was informed to clean up by 5/21/13. Street not cleaned up as of last inspection. 3) Kennington Homes was informed to clean up by 5/21/13. Street not cleaned up as of last inspection. 4) Barr Homes was informed to clean up by 5/31/13. 5) Barr Homes was informed to clean up by 5/31/13.				
SWPPP Sign	SWPPP Sign	5 signs	8-19-08	Active	No
Current Condition:	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.				
Inspector's Signature: 			Reviewed By: 