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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: Patrick Sechser		Stage 3
Project Name:	<b>Bell Brook NER111506</b>	
For Week Ending:	<b>1/11/2014</b>	
Project Location:	<b>Southwest corner of 192nd and Harrison Street- Omaha, NE (Sarpy County)</b>	<b>68022</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	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
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"	01/06/14			
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.03"				
Friday	0.00"				
Saturday	0.00"				
					<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:**

**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>					
<b>Comments:</b> Home construction is active in many areas of the development as of the inspection on 1/6/2014.					
<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>	Fair Condition  One section of the silt fence is down/damaged and has concrete debris piled on it and it needs to be removed and the silt fence will need replaced. There is some concrete spoils around the washout pit and they need to be cleaned up.  Chad with Synergy was informed to complete maintenance by 6/6/13, 8/8/2013 and again on 10/17/2013. Maintenance not completed as of last inspection.				
Lot 2	Silt Fence	Lot 2	1/13/2014	Pending	Yes
<b>Current Condition:</b>	Pending-  Silt fence needs to be installed on the North-Northwest perimeter of the lot.  Dale Siebler Homes was informed to complete BMP installation by 1/13/2014 or if weather and ground conditions permit.				
Lot 22	Misc/Other	Lot 22		Removed	
<b>Current Condition:</b>	Removed- Homeowner Jeffrey Gustafson sodded lot prior to inspection on 9/12/2013.				
Lot 24	Silt Fence	Lot 24	10/16/2013	Active	No
<b>Current Condition:</b>	Good Condition- SF was installed on the North Side of the Lot by MJ Design prior to the inspection on 10/16/2013.				
Lot 36	Silt Fence	Lot 36		Removed	
<b>Current Condition:</b>	Lot was sodded prior to inspection on 6/24/13 by Prairie Homes.				
Lot 42	Misc/Other	Lot 42	1/13/2014	Pending	Yes
<b>Current Condition:</b>	Pending-  Dirt needs to be removed from the ROW.  HBC Homes was informed to remove dirt from the ROW by 1/13/2014.				
Lot 80	Silt Fence	Lot 80	1/13/2014	Pending	Yes
<b>Current Condition:</b>	Pending-  1.) Silt fence needs to be installed in the rear of the lot. 2.) Dirt needs to be removed from the ROW.  1.) Hildy Homes was informed to complete SF installation by 1/13/2014 or if weather and ground conditions permit. 2.) Hildy Homes was informed to complete maintenance by 1/13/2014.				

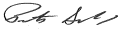
Lot 81	Silt Fence	Lot 81	10/11/2013	Active	No
<b>Current Condition:</b>	Good Condition- Nelson Builders installed SF in the rear of the lot prior to the inspection on 10/16/2013. Nelson Builders removed the dirt from the ROW prior to the inspection on 11/07/2013.				
Lot 82	Silt Fence	Lot 82	9/12/2013	Active	Yes
<b>Current Condition:</b>	Fair condition- The silt fence on the back of the lot needs to be repaired as of inspection on 12/10/2013. Nelson Builders was informed to complete maintenance by 12/17/2013 or if weather and ground conditions permit. Not completed as of last inspection.				
Lot 93	Silt Fence	Lot 93		Removed	
<b>Current Condition:</b>	Lot was sodded prior to inspection on 6/10/13 by Ron w/ Barr Homes.				
Lot 98	Silt Fence	Lot 98		Removed	
<b>Current Condition:</b>	Removed- SF is now in use as of inspection on 10/16/2013 for Nelson Builders on lot 81 and 82.				
Lot 99	Silt Fence	Lot 99		Removed	
<b>Current Condition:</b>	Removed- SF is now in use as of inspection on 10/16/2013 for Nelson Builders on lot 81 and 82.				
Lot 101	Silt Fence	Lot 101		Removed	
<b>Current Condition:</b>	Removed- Barr Homes sodded lot prior to inspection on 8/16/2013.				
Lot 117	Silt Fence	Lot 117	10/23/2013	Pending	Yes
<b>Current Condition:</b>	Pending- SF is needed on the North- Northwest rear side of the lot. HBC Homes was informed to install SF by 10/23/2013. Not completed as of last inspection. HBC was reminded again on 11/8/2013 and on 1/7/2014 to complete once weather and ground conditions permit.				
Lot 132	Silt Fence	Lot 132	9/12/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- Woodland Homes installed SF check in front of area drain prior to inspection on 10/16/2013. SF needs to be entrenched in 2 areas, and cleaned out as of the inspection on 11/7/2013. Woodland Homes was informed to complete maintenance by 11/14/2013. Not completed as of last inspection. Due to frozen ground and snowy conditons the silt fence will be installed as sood as conditions allow.				
Lot 221	Misc/Other	Lot 221	8/6/2013	Active	No
<b>Current Condition:</b>	Active- Lot is flat and SF was removed by G.Lee Homes prior to the inspection on 1/6/2014. No BMPs are currently needed.				
Lot 232	Silt Fence	Lot 232		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded prior to the inspection on 1/6/2014 by Proline Homes.				
Lot 237	Silt Fence	Lot 237		Removed	
<b>Current Condition:</b>	Lot sodded prior to inspection on 6/10/13 by Castlebridge Homes.				
Lot 238	Silt Fence	Lot 238		Removed	
<b>Current Condition:</b>	Removed- Castlebridge Homes installed sod prior to inspection on 8/6/2013				
Lot 243	Silt Fence	Lot 243		Removed	
<b>Current Condition:</b>	Removed- Heavican Homes sodded the lot prior to the 7/23/13 inspection.				
Lot 244	Silt Fence	Lot 244		Removed	

<b>Current Condition:</b>	Lot was sodded prior to inspection on 6/24/13 by Proline Homes.				
Lot 247	Misc/Other	Lot 247		Removed	
<b>Current Condition:</b>	Lot was sodded prior to inspection on 5/29/13 by Dynasty Homes.				
Lot 248	Silt Fence	Lot 248		Removed	
<b>Current Condition:</b>	Removed- Pro line Homes sodded home prior to inspection on 8/16/2013.				
Lot 266	Silt Fence	Lot 266	9/12/2013	Active	Yes
<b>Current Condition:</b>	Fair condition- The silt fence on the front of the lot needs to be retied Proline Homes was informed to retie the silt fence by 12/17/13. Not completed as of last inspection.				
Lot 272	Silt Fence	Lot 272		Removed	
<b>Current Condition:</b>	Removed- Nelson Builders sodded the lot prior to inspection on 8/16/2013.				
Lot 289	Silt Fence	Lot 289		Removed	
<b>Current Condition:</b>	Lot was sodded prior to inspection on 6/24/13 by Kainesville Homes.				
Lot 317	Misc/Other	Lot 317		Removed	
<b>Current Condition:</b>	Removed- Heavican Homes sodded the lot prior to the 12/10/13 inspection.				
Lot 319	Silt Fence	Lot 319	10/16/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- Landmark installed SF behind the rear of the lot prior to the inspection on 10/16/2013. SF on the West side needs to be reinstalled as of the inspection on 1/6/2014. Landmark Homes was informed to complete SF re-installation by 1/13/2014 or if weather and ground conditions permit.				
Lot 322	Misc/Other	Lot 322	10/11/2013	Active	Yes
<b>Current Condition:</b>	Pending- Lot needs to be re-seeded due to work from lot 323. PHI was informed to complete maintenance by 10/11/2013. Not completed as of last inspection. PHI was reminded again on 10/17/2013 and on 11/8/2013. PHI will be reminded again once weather and ground conditions permit as of the inspection on 1/6/2014.				
Lot 323	Silt Fence	Lot 323		Removed	
<b>Current Condition:</b>	Removed- Prairie Homes Inc. sodded the lot prior to the 10/4/2013 inspection.				
Lot 326	Silt Fence	Lot 326		Removed	
<b>Current Condition:</b>	Removed- D & J Vogel Construction Inc. sodded the lot prior to the 10/4/2013 inspection.				
Lot 327	Silt Fence	Lot 327		Removed	
<b>Current Condition:</b>	Removed- Marcuso homes sodded lot prior to 8/6/2013 inspection.				
Lot 332	Silt Fence	Lot 332		Removed	
<b>Current Condition:</b>	Removed- Landmark Homes sodded the lot prior to the 12/10/13 inspection.				
Lot 336	Silt Fence	Lot 336	8/6/2013	Active	No
<b>Current Condition:</b>	Good Condition- SF is in place in the rear of the lot as of the inspection on 1/6/2014. Runoff is limited due to the frozen ground conditions.				

Lot 337	Silt Fence	Lot 337		Removed	
<b>Current Condition:</b>	Removed- Good Life sodded the lot prior to the 12/10/13 inspection.				
Lot 338	Silt Fence	Lot 337		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded prior to the inspection on 11/7/2013 by Jim Geiger Construction.				
Lot 345	Silt Fence	Lot 345		Removed	
<b>Current Condition:</b>	Removed Landmark Homes sodded lot prior to inspection on 9/12/2013.				
Lot 347	Silt Fence	Lot 347	7/23/2013	Active	No
<b>Current Condition:</b>	Good Condition- Silt fence was installed by Commercial Seeding prior to the 7/23/13 inspection.				
Lot 362	Misc/Other	Lot 362		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Dynasty Homes prior to the inspection on 10/16/2013.				
Lot 365	Silt Fence	Lot 365	8/13/2013	Active	Yes
<b>Current Condition:</b>	Fair condition- The silt fence on the East side of the lot needs to be removed due to it being torn. Barr Homes was informed to complete maintenance by 1/13/2014 once weather and ground conditions permit.				
Lot 367	Silt Fence	Lot 367	1/13/2014	Pending	Yes
<b>Current Condition:</b>	Pending- SF or wattles need to be installed in the SE rear perimeter of the lot. Hildy Homes was informed to complete maintenance by 1/13/2014 or if weather and ground conditions permit.				
Lot 368	Misc/Other	Lot 368		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Hildy Construction prior to the inspection on 11/7/2013.				
Lot 369	Silt Fence	Lot 369		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Kensington prior to inspection on 9/12/2013 inspection.				
Lot 371	Silt Fence	Lot 371		Removed	
<b>Current Condition:</b>	As of inspection on 6/10/13 the lot has filled in, therefore silt fence is no longer needed.				
Lot 371	Misc/Other	Lot 371	9/12/2013	Active	No
<b>Current Condition:</b>	Active- SF was removed due to the driveway being installed as of the inspection on 1/6/2014. Due to the paving, SF is no longer needed as of the inspection on 1/6/2014.				
Lot 373	Misc/Other	Lot 373		Removed	
<b>Current Condition:</b>	Removed- Marasco Homes sodded the lot prior to the 10/16/2013 inspection.				
Lot 375	Misc/Other	Lot 375	1/6/2014	Active	No
<b>Current Condition:</b>	Active- Lot is flat and dirt was removed from the ROW prior to the inspection on 1/6/2014. Builder is currently unknown. No BMPs are presently needed as of the inspection on 1/6/2014.				
Lot 376	Misc/Other	Lot 376	11/7/2013	Active	No
<b>Current Condition:</b>	Active- BMPs are currently not needed by Bluestone Builders as of the inspection on 1/6/2014.				
Lot 377	Silt Fence	Lot 377	9/12/2013	Active	No
<b>Current Condition:</b>	Good condition- Jerry Torczon with Woodland Homes removed the SF and posts on the SE corner of the lot that was torn prior to the inspection on 1/6/2014.				
Lot 381	Silt Fence	Lot 381		Removed	

<b>Current Condition:</b>	Removed- Ideal Designs sodded the lot prior to inspection on 9/12/2013.				
Lot 383	Silt Fence	Lot 383	9/12/2013	Active	No
<b>Current Condition:</b>	Good condition- Jerry Torczon with Woodland Homes repaired 2 sections of silt fence prior to the 10/16/2013 inspection on the SE corner of the lot.				
Lot 385	Misc/Other	lot 385	9/12/2013	Active	No
<b>Current Condition:</b>	Active- Dirt was removed from ROW prior to inspection on 9/12/2013 by Barr Homes. Currently, no BMP is needed due to vegetated buffer strip as of inspection on 1/6/2014.				
Lot 386	Silt Fence	Lot 386		Removed	
<b>Current Condition:</b>	Removed- Woodland Homes sodded lot prior to inspection on 8/16/2013.				
Lot 388	Misc/Other	Lot 388		Removed	
<b>Current Condition:</b>	Removed- Woodland Homes sodded lot prior to inspection on 9/12/2013.				
Lot 394	Silt Fence	Lot 394		Removed	
<b>Current Condition:</b>	Removed- Kensinton Homes sodded the lot prior to the inspection on 11/7/2013.				
Lot 397	Misc/Other	Lot 397	1/6/2014	Active	No
<b>Current Condition:</b>	Active- No BMPs are currently needed as of the inspection on 1/6/2014 by Nelson Builders due to construction presently occurring on lot 385.				
Lot 399	Silt Fence	Lot 399	3/1/2013	Pending	Yes
<b>Current Condition:</b>	Pending- 1.) Silt fence needs to be installed on the back of the lot in the SE corner as of the inspection on 12/10/2013. 2.) SF check needed in the front on the SW corner of the lot as of the inspection on 1/6/2014.  1.) Due to frozen ground and snowy conditions Silverstone Homes will install the silt fence as soon as ground conditions allow as of the 12/10/13 inspection. Silverstone Homes was reminded on 1/7/2014. 2.) Silverstone Homes was informed to complete maintenance by 1/13/2014 or if weather and ground conditions permit.				
Lot 400	Silt Fence	Lot 400	11/7/2013	Active	No
<b>Current Condition:</b>	Good Condition- The Home Company removed the dirt from the ROW & installed a SF check on the SE corner prior to the inspection on 11/7/2013.				
Lot 402	Silt Fence	Lot 402		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Hildy Construction prior to the inspection on 11/7/2013.				
Lot 405	Silt Fence	Lot 405	3/1/2013	Pending	Yes
<b>Current Condition:</b>	Pending-  Silt fence needs to be installed in the SE front corner of the lot.  Due to frozen ground and snowy conditions Nathan Homes will install the silt fence as soon as ground conditions allow as of the 12/10/13 inspection. Not completed as of last inspection. Nathan Homes was reminded on 1/6/2014.				
Lot 409	Silt Fence	Lot 409		Removed	
<b>Current Condition:</b>	Removed- Ideal Designs sodded lot prior to inspection on 8/16/2013.				
Lot 411	Silt Fence	Lot 411		Removed	
<b>Current Condition:</b>	Removed- Silverthorne sodded the lot prior to inspection on 9/12/2013.				
Lot 413	Misc/Other	Lot 413		Removed	
<b>Current Condition:</b>	Removed- Ed Beudin sodded the lot prior to the 10/16/2013 inspection.				
Lot 417	Silt Fence	Lot 417		Removed	
<b>Current Condition:</b>	Removed- Showcase sodded the lot prior to inspection on 9/12/2013.				
Lot 418	Silt Fence	Lot 418		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Showcase Homes prior to inspection on 8/16/2013.				
Lot 420	Silt Fence	Lot 420		Removed	

<b>Current Condition:</b>	Removed- Showcase Homes sodded the lot prior to the 12/10/13 inspection.				
Lot 425	Silt Fence	Lot 425	1/6/2014	Active	No
<b>Current Condition:</b>	Good Condition- SF was installed along the Southern perimeter prior to the inspection on 1/6/2014 by Nelson Builders.				
Lot 435	Silt Fence	Lot 435		Removed	
<b>Current Condition:</b>	Removed- Jim Geiger Construction sodded the lot prior to the 12/10/13 inspection.				
Lot 459	Misc/Other	Lot 459	3/1/2014	Pending	Yes
<b>Current Condition:</b>	Pending- Erosion eels were removed around the lot for stabilization procedures and the back yard was sodded by Prairie Homes prior to the inspection on 1/6/2014.  The front yard needs to be sodded and or stabilized.  Prairie Homes will be informed to complete stabilization procedures once weather and ground conditions permit as of the inspection on 1/6/2014.				
Lot 461	Silt Fence	Lot 461		Removed	
<b>Current Condition:</b>	Silt fence was removed prior to inspection on 5/29/13 by Bill w/ Regency Homes.				
Lot 471	Silt Fence	Lot 471	1/13/2014	Pending	Yes
<b>Current Condition:</b>	Pending-  1.) Silt fence needs to be installed in the rear of the lot. 2.) Dirt needs to be removed from the ROW.  1.) Hildy Homes was informed to complete SF installation by 1/13/2014 or if weather and ground conditions permit. 2.) Hildy Homes was informed to complete maintenance by 1/13/2014.				
Lot 475	Silt Fence	Lot 475		Removed	
<b>Current Condition:</b>	Removed- Barr Homes sodded the lot prior to the 12/10/13 inspection.				
Lot 479	Silt Fence	Lot 479		Removed	
<b>Current Condition:</b>	Removed- Prairie Homes sodded the lot prior to the 12/10/13 inspection.				
Lot 480	Silt Fence	Lot 480		Removed	
<b>Current Condition:</b>	Removed- G. Lee Construction removed remaining inlet protection prior to inspection on 8/16/2013.				
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. The outlet pipe was buried and extended to the creek area prior to inspection on 10/3/11 by Tim Geis.				
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		Removed	

<b>Current Condition:</b>	Removed- SF was removed for lot 331 prior to inspection on 8/6/2013 by Landmark for sod install.				
SF 2	Silt Fence	Lots, 333 - 336	5/3/2012	Active	No
<b>Current Condition:</b>	Good Condition -Silt fence on lot 333 was repaired by Commerical Seeding prior to inspection on 8/6/2013.				
SF 3	Silt Fence	Lots 340 - 344	5/3/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition-  SF is torn in several areas along lots 341-342 as of the inspection on 1/6/2014.  E&A Inspector will repair on the next SWPPP Inspection pending weather conditions as of the inspection on 1/16/2014.				
STR	Streets	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good condition- no major signs of track off. Streets were cleaned up in front of lots 479 by Prairie Homes prior to the 12/10/13 inspection. Streets were cleaned up in front of lots 395 by Kensington Homes to the 12/10/13 inspection. Streets were cleaned up in front of lots 383&132 by Woodland Homes prior to the 12/10/13 inspection.				
SWPPP Sign	SWPPP Sign	5 signs	8-19-08	Active	Yes
<b>Current Condition:</b>	Fair condition SWPPP signs are installed at the entrances at 195th and Harrison, 198th and Harrison, 201st and Harrison and 192nd and Bellbrook Blvd.  SWPPP sign needs reinstallation @ 197th and Harrison as of the inspection on 1/6/2014.  E&A Inspector will reinstall once weather and ground conditions permit.				
<b>Inspector's Signature:</b>				<b>Reviewed By:</b>	