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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>10/12/2013</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:	0.24"			
Monday	0.00"			
Tuesday	0.15"			
Wednesday	0.00"			
Thursday	0.18"			
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	0.31"			
				<b>Week 3</b>
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	1.44"			
Friday	0.55"	10/04/13		
Saturday	0.00"			
				<b>Week 4</b>
Sunday:	0.02"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				<b>Week 5</b>
Sunday:	N/A			
Monday	N/A			
Tuesday	N/A			
Wednesday	N/A			
Thursday	N/A			
Friday	N/A			
Saturday	N/A			

**Complaints:** On 10/8/2013, E&A received a complaint from a homeowner through the Sarpy County Planning Department in regards to dirt in the street from lot 479. E&A contacted and spoke with Elizabeth with Prairie Homes Inc on 10/8/2013. She said she would get the streets cleaned on 10/8/2013.

**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 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)					
<b>Comments:</b>					
<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.					
<b>Unique Name</b>	<b>Type</b>	<b>Location</b>	<b>Projected Install Date</b>	<b>Status</b>	<b>Maintenance</b>
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 and reminded again on 8/8/2013. Maintenance not completed as of last inspection.				
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	8/23/2013	Pending	Yes
<b>Current Condition:</b>	Pending  Silt fence install needed along street and rear of the lot.  MJ Design was contacted to install SF by 8/23/2013. Maintenance not completed as of last inspection. MJ Design was informed again on 9/13/2013 and on 10/8/2013 to complete maintenance.				
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 81	Silt Fence	Lot 81	10/11/2013	Pending	Yes
<b>Current Condition:</b>	Pending-  1.) Silt fence installation needed along rear of the lot. 2.) Dirt needs to be remove from the ROW.  1.) Nelson Builders was informed to complete SF installation by 10/11/2013 2.) Nelson Builders was informed to complete maintenance by 10/11/2013.				
Lot 82	Silt Fence	Lot 82	9/12/2013	Active	No
<b>Current Condition:</b>	Good Condition- SF was installed on the rear of the lot by Nelson Builders prior to inspection on 9/12/2013.				
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	4/24/2013	Active	No


<b>Current Condition:</b>	Good Condition Silt fence was installed on the back of the lot prior to inspection on 04/24/13 Zych Construction.				
Lot 99	Silt Fence	Lot 99	4/24/2013	Active	No
<b>Current Condition:</b>	Good Condition Silt fence was installed on the back of the lot prior to inspection on 04/24/13 Zych Construction.				
Lot 101	Silt Fence	Lot 101		Removed	
<b>Current Condition:</b>	Removed- Barr Homes sodded lot prior to inspection on 8/16/2013.				
Lot 132	Silt Fence	Lot 132	9/12/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- Woodland Homes installed SF on the NW corner of the lot prior to inspection on 9/12/2013.  Area drain next to the lot needs to SF installed around it.  Woodland Homes was informed to install SF by 10/11/2013.				
Lot 221	Silt Fence	Lot 221	8/6/2013	Active	No
<b>Current Condition:</b>	Good condition Silt Fence was installed along the Northwest corner prior to inspection on 8/6/2013 by G. Lee Homes.				
Lot 232	Silt Fence	Lot 232	6/10/2013	Active	No
<b>Current Condition:</b>	Good condition- No BMPs are on site currently due to sidewalk and driveway install by Proline Homes prior to inspection on 9/12/2013.				
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	4/24/2013	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	No
<b>Current Condition:</b>	Good Condition- SF installed along the NW corner of the lot by Proline Homes prior to inspection on 9/12/2013. As of inspection on 10/4/2013, no runoff is occurring behind the lot.				
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	8/6/2013	Active	No
<b>Current Condition:</b>	Active- No BMPs are on site currently due to vegetation buffer behind lot and sidewalk installation in the front of the lot as of inspection on 10/4/2013.				
Lot 319	Silt Fence	Lot 319	9/19/2013	Pending	Yes
<b>Current Condition:</b>	Pending- 1.) Silt fence installation needed along east side and rear of the lot. 2.) Dirt needs to be remove from the ROW.  1.) Landmark was informed to complete SF installation by 9/19/2013. Landmark was reminded again on 10/5/2013. 2.) Landmark was informed to complete maintenance by 9/19/2013. Landmark was reminded again on 10/5/2013.				
Lot 322	Misc/Other	Lot 322	10/11/2013	Pending	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.				
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	8/6/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- Concrete debris was cleaned up prior to the 10/4/2013 inspection by Landmark.  Silt fence on the lot needs to be cleaned out/repared in several areas along the northern edge.  Landmark was contacted to complete SF maintenance by 8/13/2013. Maintenance not completed as of last inspection. Landmark was reminded on 8/17/2013, 9/13/2013 and 10/4/2013.				
Lot 336	Silt Fence	Lot 336	8/6/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition- SF was removed around the lot prior to inspection on 9/12/2013 by Landmark Homes.  SF needed on the rear and front NE corner of the lot.  Landmark was informed to install the SF by 9/19/2013. Landmark was reminded again on 10/8/2013.				
Lot 337	Silt Fence	Lot 337	6/6/2013	Pending	Yes
<b>Current Condition:</b>	Pending Dumpster was cleaned out prior to inspection on 9/12/2013 by Good Life Homes.  Silt fence needs to be installed on the back of the lot.  Good Life was informed to install silt fence by 6/6/13. On 6/16/13 Lifestyle was reminded that silt fence needs to be installed ASAP. Maintenance not completed as of last inspection. Good Life was reminded again on 8/23/2013, 9/12/2013 and on 10/8/2013.				
Lot 338	Silt Fence	Lot 337	7/23/2013	Active	Yes

<b>Current Condition:</b>	Fair condition- Silt fence was installed prior to the 7/23/13 inspection by Geiger construction.  1.) SF needs to be entrenched in on the NE corner. 2.) SF check needed further on SE corner of back of lot. 3.) SF repair needed along east side of lot.  1.) Geiger Construction was contacted to complete maintenance by 8/13/2013. Maintenance was not complete as of last inspection. Geiger Construction was reminded on 8/17/2013 and on 9/12/2013 to complete ASAP. Maintenance not completed as of last inspection. Jim Geiger Construction was reminded again on 10/4/2013. 2.) Geiger Construction was contacted to complete maintenance by 8/13/2013. Maintenance was not complete as of last inspection. Geiger Construction was reminded on 8/17/2013 and on 9/12/2013 to complete ASAP. Maintenance not completed as of last inspection. Jim Geiger Construction was reminded again on 10/4/2013. 3.) Geiger Construction was contacted to complete maintenance on 8/17/2013 and on 9/12/2013. Maintenance not completed as of last inspection. Jim Geiger Construction was reminded again on 10/4/2013.				
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	8/13/2013	Active	No
<b>Current Condition:</b>	Active- Trash dumpster in use on site. No SF is currently needed due to no runoff from site as of inspection on 10/4/2013.				
Lot 365	Silt Fence	Lot 365	8/13/2013	Active	No
<b>Current Condition:</b>	Good Condition- Barr Homes installed SF on the South Side of the lot prior to the 10/4/2013 inspection.				
Lot 368	Misc/Other	Lot 368	10/4/2013	Active	No
<b>Current Condition:</b>	Active- No SF is currently needed due to the installation of the driveway and sidewalk as of inspection on 10/4/2013 by Hildy.				
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	Silt Fence	Lot 371	9/12/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition-  SF repair is needed in 2 spots along the front perimeter.  Jerry Torczon was informed to complete maintenance by 10/11/2013.				
Lot 373	Misc/Other	Lot 373	10/4/2013	Active	No
<b>Current Condition:</b>	Active- No SF is currently needed due to the installation of the driveway and sidewalk as of inspection on 10/4/2013 by Marasco Homes.				
Lot 377	Silt Fence	Lot 377	9/12/2013	Active	Yes
<b>Current Condition:</b>	Fair Condition-  SF repair is needed in 2 spots along the front perimeter and side of the lot due to torn SF and down SF.  Jerry Torczon was informed to complete maintenance by 10/11/2013.				
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	Yes

<b>Current Condition:</b>	Fair Condition-				
	SF repair is needed in 2 spots along the SE corner of the lot.				
	Jerry Torczon was informed to complete maintenance by 10/11/2013.				
Lot 385	Misc/Other	lot 385	9/12/2013	Active	No
<b>Current Condition:</b>	Good condition-				
	-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 10/4/2013.				
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	8/16/2013	Active	No
<b>Current Condition:</b>	Good Condition-				
	Kensington Homes repaired the SF behind the lot prior to the 10/4/2013 inspection.				
Lot 400	Silt Fence	Lot 400	10/11/2013	Pending	Yes
<b>Current Condition:</b>	Pending-				
	1.) Silt fence installation needed along rear of the lot.				
	2.) Dirt needs to be remove from the ROW.				
	1.) The Home Company was informed to complete SF installation by 10/11/2013				
	2.) The Home Company was informed to complete maintenance by 10/11/2013.				
Lot 402	Silt Fence	Lot 402	10/4/2013	Active	No
<b>Current Condition:</b>	Good condition-				
	Hildy Homes installed SF on the south and rear sides of the lot; and removed dirt piles from the ROW prior to the 10/4/2013 inspection.				
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	10/11/2013	Active	Yes
<b>Current Condition:</b>	Active-				
	Ed Beaudin removed the silt fence and installed the sidewalk and driveway prior to inspection on 9/12/2013.				
	Sod needed on the lot for final stabilization.				
	Ed Beaudin was informed to complete sod install by 10/11/2013.				
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	8/6/2013	Active	No
<b>Current Condition:</b>	Good Condition-				
	Showcase Homes repaired/cleaned out the SF on the SE side of the lot prior to the 10/4/2013 inspection.				
Lot 435	Silt Fence	Lot 435	7/23/2013	Active	Yes

<b>Current Condition:</b>	Fair condition- The silt fence was installed and repaired prior to the 7/23/13 inspection.  SF is missing in 1 area and needs to be reinstalled on south side.  Jim Geiger Construction was contacted to reinstall SF by 8/13/2013. Maintenance not completed as of last inspection. Jim Geiger was informed again on 8/17/2013 to complete ASAP. Maintenance not completed as of last inspection. Jim Geiger was reminded again on 10/04/2013.				
Lot 459	Misc/Other	Lot 459	8/13/2013	Active	Yes
<b>Current Condition:</b>	Poor condition- Gator guards were installed along curb line prior to inspection on 8/16/2013 by Prairie Homes.  Gator guards need to be reinstalled in the NE corner of the lot.  Prairie Homes was contacted to reinstall the gator guards by 9/19/2013. PHI was reminded again on 10/4/2013.				
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 475	Silt Fence	Lot 475	4/19/2013	Active	No
<b>Current Condition:</b>	Good Condition- Silt fence installed on the lot prior to inspection on 6/24/13 by Barr Homes. Dumpster was emptied prior to inspection on 6/24/13 by Barr Homes.				
Lot 479	Silt Fence	Lot 479	10/4/2013	Active	Yes
<b>Current Condition:</b>	Poor condition- Prairie Homes emptied the trash prior to the 10/4/2013 inspection and installed SF checks on the South side of the curb line.  1.) Gator guards need to be installed along curb line up to the SF checks. 2.) SF needs to be repaired/cleaned out and reinstalled on the south side of the curb line.  1.) Prairie Homes was informed to complete maintenance by 10/11/2013. 2.) Prairie Homes was informed to complete maintenance by 10/11/2013.				
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 - 335	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.				
<b>SF 3</b>	Silt Fence	Lots 340 - 344		Removed	
<b>Current Condition:</b>	Removed- Lot 343 was sodded prior to inspection on 6/24/13 by HBC. Lot 344 was sodded prior to 8/6/2013 inspection by Lifestyle Homes.				
<b>STR</b>	Streets	N41d00m00s W96d00m00s	In Place	Active	Yes
<b>Current Condition:</b>	Fair Condition- Jim Geiger Construction cleaned streets in front of lot 338 prior to inspection on 9/12/2013; Good Life Homes cleaned up streets in front of lot 337; and G. Lee Homes cleaned streets in front of lot 221 prior to inspection on 9/12/2013.  1.) Street cleaning needed in front of lots 459 and in front of lot 479. 2.) Street cleaning needed in front of lot 395.  1) Prairie Homes was contacted on 8/17/2013 in order to clean up the streets ASAP. Maintenance not completed as of last inspection. Prairie Homes was informed again on 9/13/2013, on 10/4/2013, and on 10/8/2013. 2.) Kensington Homes was informed to complete by 9/12/2013. Maintenance not completed as of last inspection.				
<b>SWPPP Sign</b>	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>	