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Engineering Answers

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

**E&A- P2005.198.000**

Inspector: Patrick Sechser		Stage 2
Project Name:	<b>Clearwater Falls NER110573</b>	
For Week Ending:	<b>8/9/2014</b>	
Project Location:	<b>48th and Fairview Road- Bellevue, NE (Sarpy County)</b>	<b>68123</b>

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	100%			
Utilities:	98%			
Overall Development:	66%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected		
<b>Week 1</b>				
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"	07/29/14	80/57 Partly Cloudy	
Wednesday	0.00"			
Thursday	0.05"			
Friday	0.00"			
Saturday	0.00"			
<b>Week 2</b>				
Sunday:	0.73"			
Monday	0.13"	08/04/14	85/67 Sunny	
Tuesday	0.14"			
Wednesday	1.77"			
Thursday	0.11"	08/07/14	78/68 Sunny	
Friday	0.00"			
Saturday	0.04"			
<b>Week 3</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

**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?

Grading completed and entire site seeded prior to 2005.  
 Entire Site; JC Excavating completed grading Lots 346 through 480 Section II, drainage area 1 and 2 (11/2009).  
 Entire site is now inactive for major grading activities as of the inspection on 11/20/2013.

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :

Grading completed and entire site seeded prior to 2005.  
 Entire Site; JC Excavating completed grading Lots 346 through 480 Section II, drainage area 1 and 2 (11/2009).  
 Entire site is now inactive for major grading activities as of the inspection on 11/20/2013.

What temporary or permanent stabilization measures listed in this section are being implemented?

Paving, dense vegetation and landscaping, Seed and straw mulch over ROW in Northwest quarter of SID (10/08), Sod on various lots (Fall '08), New phase, lots 346-480, seeded (4/10); Outlot B was seeded (6/2011); Lots 16-19 was seeded (8/2011); Outlot L was graded, seed and matted (5/22/2014); 42nd Street and 43rd Avenue was temp seeded (5/22/2014); **Additional matting was installed on the South side of Outlot L (8/4/2014).**

Comments:

Comments:  
 Celebrity Homes is actively building in the South part of the development. Home Construction is active in the North part of the development by various builders.

Findings / Corrective Actions (Date):

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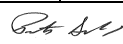
1.) Some maintenance is required in the BMP Section.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed- Entrance area was removed and concrete removed by Celebrity Homes prior to the inspection on 12/3/2013 for sidewalk installation.				
CW 3	Concrete Washout	Lot 348		Removed	
<b>Current Condition:</b>	Removed- Bob w/ Celebrity Homes removed washout pit prior to inspection on 8/27/2013.				
CW 4	Concrete Washout	Lot 414		Removed	
<b>Current Condition:</b>	Removed- Washout pit was removed by Celebrity Homes prior to the inspection on 4/8/2014.				
CW 5	Concrete Washout	Lot 387	5/12/2014	Active	No
<b>Current Condition:</b>	Good condition- A new washout pit was installed by Celebrity Homes prior to the inspection on 6/27/2014.				
Lot 15	Silt Fence	Lot 15	6/21/2014	Active	Yes
<b>Current Condition:</b>	Fair condition- SF was installed on the side of the lot prior to the inspection on 6/21/2014 by Horizon Homes. SF on the East side needs to be entrenched/backfilled.  Horizon Homes was informed to complete maintenance by 7/4/2014. Not completed as of the last inspection. Horizon Homes was reminded on 7/15/2014 and on <b>8/5/2014</b> .				
Lot 26	Silt Fence	Lot 26		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Horizon Homes prior to the inspection on 10/29/2013.				
Lot 27	Silt Fence	Lot 27		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Horizon Homes prior to the inspection on 10/29/2013.				
Lot 30	Silt Fence	Lot 30		Removed	
<b>Current Condition:</b>	Removed- Horizon Homes removed the SF, cleaned up the dirt and sodded the lot prior to the 4/28/2014 inspection.				
Lot 54	Silt Fence	Lot 54	6/18/2014	Active	Yes
<b>Current Condition:</b>	Fair condition- <b>Nick Peterson stood up and extended the SF in the rear prior to the inspection on 8/4/2014.</b>  <b>SF needs to be entrenched in the rear as of the inspection on 8/4/2014.</b>  <b>Private homeowner Nick Peterson was informed to complete maintenance by 8/11/2014.</b>				
Lot 55	Silt Fence	Lot 55		Removed	
<b>Current Condition:</b>	Removed Lot was sodded prior to inspection on 7/16/13 by The Home Company.				
Lot 56	Silt Fence	Lot 56		Removed	
<b>Current Condition:</b>	Removed- The SF and eels around the lot were removed by the homeowner prior to the inspection on 5/12/2014 in preparation for the installation of sod. Due to a vegetated buffer strip in the rear, BMPs are no longer needed as of the inspection on 5/12/2014. The lot was sodded by the home owner prior to the inspection on 5/22/2014.				
Lot 57	Silt Fence	Lot 57	8/11/2014	Pending	Yes
<b>Current Condition:</b>	Pending- SF is needed in the rear of the lot due to the new excavation. Horizon Homes was requested to install silt fence by 8/11/14.				
Lot 72	Silt Fence	Lot 72		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Horizon Homes prior to the inspection on 7/15/2014.				

Lot 76	Silt Fence	Lot 76	6/27/2014	Active	No
<b>Current Condition:</b>	Good condition- Proline Homes installed SF in the rear and side of the lot prior to the inspection on 6/27/2014.				
Lot 80	Silt Fence	Lot 80	7/22/2014	Pending	Yes
<b>Current Condition:</b>	Pending- SF check or BMP is needed in the NW rear of the lot.  Horizon Homes was informed to install the SF or BMP by 7/22/2014. <b>Not done as of last inspection. Horizon Homes was reminded on 8/5/2014.</b>				
Lot 132	Silt Fence	Lot 132	8/11/2014	Active	Yes
<b>Current Condition:</b>	Fair condition- SF was installed in the front of the lot by Regency Homes prior to the inspection on 8/4/2014.  1.) SF in the front of the lot is down and needs to be repaired. 2.) Dirt needs to be removed from the ROW.  1.) Regency Homes was requested to complete silt fence repair by 8/11/14. 2.) Regency Homes was requested to complete maintenance by 8/11/14.				
Lot 155	Silt Fence	Lot 155	8/11/2014	Active	Yes
<b>Current Condition:</b>	Fair condition- SF was installed in the rear and side of the lot by Regency Homes prior to the inspection on 8/4/2014.  1.) SF on the Eastern front of the lot needs to be repaired. 2.) Dirt needs to be removed from the ROW.  1.) Regency Homes was requested to complete silt fence repair by 8/11/14. 2.) Regency Homes was requested to complete maintenance by 8/11/14.				
Lot 255	Silt Fence	Lot 255	8/4/2014	Pending	Yes
<b>Current Condition:</b>	Pending-  SF is needed on the South side of the lot as of inspection on 7/29/14.  Legacy Homes was requested to install silt fence by 8/5/14. Not done as of the last inspection.				
Lot 264	Misc/other	lot 264		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Proline Homes prior to the inspection on 8/4/2014.				
Lot 268	Misc/other	Lot 268		Removed	
<b>Current Condition:</b>	Removed-Sherwood Homes sodded the lot prior to the inspection on 10/15/2013.				
Lot 271	Misc/other	Lot 271		Removed	
<b>Current Condition:</b>	Removed-The lot was sodded by the Home Company prior to the inspection on 5/22/2014.				
Lot 277	Silt Fence	Lot 277		Removed	
<b>Current Condition:</b>	Removed-Dumpster and PP were removed on site prior to 7/30/2013 by the Home Company due to sod installation.				
Lot 278	Silt Fence	Lot 278		Removed	
<b>Current Condition:</b>	Removed-Charleston Homes sodded the lot prior to the inspection on 7/15/2014. SF check was moved to lot 279.				
Lot 279	Silt Fence	Lot 279	7/15/2014	Active	No
<b>Current Condition:</b>	Good condition-Charleston Homes installed a SF check on the SE corner of the lot prior to inspection on 7/15/14. The lot does not have active construction as of last inspection.				
Lot 283	Silt fence	Lot 283		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Sherwood Homes prior to the inspection on 6/18/2014.				
Lot 286	Silt fence	Lot 286		Removed	
<b>Current Condition:</b>	Sherwood Homes installed sod prior to the inspection on 7/30/2013.				
Lot 287	Silt fence	Lot 287		Removed	
<b>Current Condition:</b>	Tom w/ The Home Company installed sod prior to the inspection on 7/30/2013.				
Lot 304	Misc/other	Lot 304		Removed	
<b>Current Condition:</b>	Removed- Lot was sodded by Proline Homes prior to the inspection on 7/5/2014.				
Lot 305	Silt Fence	Lot 305		Removed	
<b>Current Condition:</b>	Removed Silt fence was installed on the lot prior to inspection on 6/23/13 by Legacy Homes. Silt fence was removed from the lot prior to inspection on 7/8/13 by Legacy Homes due to sidewalk construction being active in the area.				
Lot 309	Silt Fence	Lot 309	12/3/2013	Active	Yes

Current Condition:	<b>Active-</b>				
	<b>Due to the SF and erosion eels being removed for fine grading, sod is needed on the lot.</b>				
	<b>Sherwood Homes was informed to sod the lot by 8/11/2014.</b>				
Lot 311	Silt Fence	Lot 311		Removed	
Current Condition:	Removed-Heavican Homes sodded the lot prior to the inspection on 8/13/2013.				
Lot 312	Silt Fence	Lot 312		Removed	
Current Condition:	Removed-Banyan Homes sodded the lot and removed SF in the rear prior to the inspection on 4/28/2014.				
Lot 313	Silt Fence	Lot 313		Removed	
Current Condition:	Removed- Lot 313 was sodded by Showcase Homes prior to inspection on 8/27/2013. SF was removed prior to inspection on 9/11/2013 by Showcase Homes.				
Lot 322	Silt Fence	Lot 322		Removed	
Current Condition:	Removed- Lot was sodded by Regency Homes prior to the inspection on 6/18/2014.				
Lot 323	Misc/other	Lot 323		Removed	
Current Condition:	Removed-Lot was sodded by Sherwood Homes prior to the inspection on 10/29/2013.				
Lot 328	Misc/other	Lot 328	9/19/2013	Active	Yes
Current Condition:	<b>Fair condition-</b>				
	<b>Sod needed on the lot for final stabilization.</b>				
	<b>Sherwood Homes was informed to complete the stabilization by 5/26/2014. Not completed as of the last inspection. Sherwood Homes was reminded again on 6/21/2014.</b>				
Lot 331	Silt Fence	Lot 331		Removed	
Current Condition:	Removed- Lot was sodded by Sherwood Homes prior to the inspection on 11/20/2013.				
Lot 333	Silt Fence	Lot 333		Removed	
Current Condition:	Removed- All of the torn and down silt fence was removed along the perimeter of the lot prior to inspection on 8/27/2013 by Regency Homes. Gator guards were removed along the perimeter and the house was sodded prior to inspection on 9/1/2013.				
Lot 335	Silt Fence	Lot 335	5/22/2014	Active	No
Current Condition:	Good condition- Feldhacker Custom Homes installed SF around the South and rear sides of the lot prior to the inspection on 5/22/2014.				
Lot 338	Silt Fence	Lot 338	4/14/2014	Active	Yes
Current Condition:	<b>Fair condition-</b>				
	<b>SF was installed in the rear of the lot by the Home Company prior to the inspection on 4/14/2014.</b>				
	<b>SF needs to be cleaned out from behind the lot as of the inspection on 6/4/2014.</b>				
	<b>THC was informed to complete SF maintenance by 6/11/2014. Not completed as of the last inspection.</b>				
Lot 339	Misc/other	Lot 339		Removed	
Current Condition:	Removed- Lot 338 items will be removed for pending home construction on lot 338 as of inspection on 10/29/2013. Seeding is no longer needed.				
Lot 341	Silt Fence	Lot 341		Removed	
Current Condition:	As of inspection on 6/15/13 the silt fence was removed to fine grade the lot by Castlebridge Homes. The lot was sodded prior to inspection on 6/23/13 by Castlebridge Homes.				
Lot 342	Silt Fence	Lot 342	4/8/2014	Active	No
Current Condition:	<b>Good condition- Erosion eels were reinstalled in the front of the lot and the SF in the rear was removed in preparation for fine grading prior to the inspection on 8/4/2014 by Paradise Homes. Due to the vegetated buffer strip in the rear, BMPs are presently not recommended.</b>				
Lot 343	Misc/other	Lot 343		Removed	
Current Condition:	Removed- Charles Thomas Homes sodded the lot prior to the inspection on 6/2/2014.				
Outlot D	Misc/other	Outlot D		Removed	
Current Condition:	The disturbed area around the inlet has filled in as of inspection on 7/8/13.				
Pod A	Silt Fence	Lots 225-254	9/4/2012	Active	No
Current Condition:	Good condition- SF on the East side of lot 236 was repaired by Commercial Seeding prior to the inspection on 5/28/2014.				
Pod B	Silt Fence	Lots 212-224		Removed	
Current Condition:	All lots in this Pod have been sodded as of inspection on 6/25/11.				
Pod C	Silt Fence	Lots 175-183; 474-480		Removed	
Current Condition:	Silt fence on lots 474-480 have been removed due to the lots being sodded prior to inspection on 10/14/12 by Dave Hausman/Celebrity Homes. All other remaining lots in this pod has been sodded.				
Pod D	Silt Fence	Lots 199-210		Removed	
Current Condition:	All remaining lots in this pod have been sodded prior to inspection on 9/28/12 by Dave Hausman/Celebrity Homes.				

Pod E	Silt Fence	Lots 184-198		Removed	
<b>Current Condition:</b>	Lot 194 was sodded prior to inspection on 5/21/13 by Dave Hausman/Celebrity Homes. All lots in this Pod have been built out.				
Pod F	Silt Fence	Lots 426-454	11/8/2012	Active	Yes
<b>Current Condition:</b>	Fair condition- <b>Celebrity Homes installed SF on lots 426 and 454 and removed the dirt from the ROW on lot 454 prior to the inspection on 8/7/2014.</b>  Lot 433 needs to be sodded.  Bob with Celebrity Homes was informed to complete sod installation by 11/27/2013. Bob with Celebrity Homes was reminded again on 12/18/2013, 4/8/2014, 5/2/2014, 5/14/2014 & on 6/19/2014. Not completed as of last inspection.				
Pod G	Silt Fence	Lots 404-425	4/8/2014	Active	No
<b>Current Condition:</b>	<b>Good condition-Construction activity has begun on lots 419, 420, 425 as of inspection on 7/29/14. Celebrity Homes installed SF on lots 425 and removed the SF from lot 418 prior to the inspection on 8/7/2014.</b>				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
<b>Current Condition:</b>	Fair Condition-Lot 456 was sodded by Celebrity Homes prior to inspection on 7/29/14. <b>Celebrity Homes cleaned out the erosion eel of lot 470 prior to the inspection on 8/7/2014.</b>  Area in the sodded yard should be overseeded in lot 466 where it was silted in.  Bob with Celebrity Homes was informed to complete overseeding by 6/25/2014. Not completed as of the last inspection. <b>Bob with Celebrity Homes was reminded on 7/30/14.</b>				
Pod I	Misc/other	Lots 346-355	5/10/2013	Active	No
<b>Current Condition:</b>	Active-Excavation has begun on lot 354 as of the inspection on 5/12/2014 by Celebrity Homes. Due to the lot being located behind the sediment basin, SF is not needed at this time.				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition-30% Filled Basin cleaned out was completed prior to inspection on 6/10/11 by Bob Roth.				
SB 2	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Basin was removed and the outlot B area was seeded prior to inspection on 7/12/11 by Jochim.				
SB 3	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition-20% Filled -Cleaned out 02/06				
SB 4	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed per Hill-Farrell construction.				
SB 5	Sediment Basin	N41d00m00s W96d00m00s	11/17/2009	Active	No
<b>Current Condition:</b>	Good Condition- 15% Filled - JC Excavating installed prior to inspection on 11/18/09.				
SF 1	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	silt fence was removed by Boyer Young due to dense vegetation and lack of construction in this area.				
SF 2	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed for grading on 8/4/08				
SF 3	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to home construction.				
SF 4	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to home construction.				
SF 5	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to home construction.				
SF 6	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to road construction				
SF 7	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Silt fence was removed prior to inspection on 6/23/13 by Boyer Young.				
SF 8	Silt Fence	N41d00m00s W96d00m00s	In Place	Active	Yes

<b>Current Condition:</b>	Fair Condition				
	1.) SF removal is needed behind SB 1. 2.) New SF install is needed behind the end of 43rd Street and in between SB 1 & the end of the road.  1.) Loren with Celebrity Homes was informed to remove the SF by 4/21/2014. Not completed as of the last inspection. 2.) Loren with Celebrity Homes was informed to install the new SF by 4/21/2014. Not completed as of the last inspection.				
SF 9	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	As of inspection on 8/6/12 there is active home construction on the lots were this silt fence is located, therefore the maintenance on this silt fence is being moved to BMP Pod E and it will be the responsibility of the builder.				
SF 10	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	silt fence was removed by Boyer Young due to dense vegetation and lack of construction in this area.				
SF 11	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	silt fence was removed by Boyer Young due to dense vegetation and lack of construction in this area.				
SF 12	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Removed due to landscaping.				
SF A	Silt Fence	Lots 474-480		Removed	
<b>Current Condition:</b>	All this maintenance has been moved to Pod C in the BMP section.				
SF B	Silt Fence	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Silt fence was removed prior to inspection on 5/10/13 by Dave Hausman/Celebrity Homes.				
STR	Street Cleaning	N41d00m00s W96d00m00s	5/1/2007	Active	No
<b>Current Condition:</b>	<b>Good condition- Horizon Homes street cleaned in front of lot 15 prior to the inspection on 8/4/2014. Commercial Seeding scraped the curb lines prior to the inspection on 8/7/2014.</b>				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
<b>Current Condition:</b>	Good Condition: 48th and Birchwood Drive				
<b>Inspector Signature:</b>				<b>Reviewed By:</b>	