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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>8/23/2014</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:	0.17"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.37"				
Saturday	0.01"				
					<b>Week 2</b>
Sunday:	0.00"				
Monday	0.02"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.05"	08/21/14	95/73 Mostly Cloudy		
Friday	0.47"	08/22/14	91/73 Partly Cloudy		
Saturday	2.74"	8/23/2014	89/70 Sunny		
					<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):**

**Findings / Corrective Actions (Date):**  
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 8/5/2014.				
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- Nick Peterson stood up and extended the SF in the rear prior to the inspection on 8/4/2014.  SF needs to be entrenched in the rear as of the inspection on 8/4/2014.  Private homeowner Nick Peterson was informed to complete maintenance by 8/11/2014. Not done as of last inspection.				
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 lot was sodded by the home owner prior to the inspection on 5/22/2014.				
Lot 57	Silt Fence	Lot 57	8/11/2014	Active	Yes
<b>Current Condition:</b>	<b>Fair Condition-Silt fence was installed on the North side of the lot by Horizon Homes prior to inspection on 8/21/14.</b>  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. Not done as of last inspection.				
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	8/23/2014	Active	No
<b>Current Condition:</b>	<b>Good condition- Horizon Homes installed SF on the North and Northwest side of the lot prior to the inspection on 8/23/2014.</b>				
Lot 132	Silt Fence	Lot 132	8/11/2014	Active	No

<b>Current Condition:</b>	<b>Good condition- The stockpile was removed from the ROW by Regency Homes prior to inspection on 8/21/14. Silt fence was repaired on the front of the lot by Regency Homes prior to inspection on 8/22/14.</b>				
Lot 155	Silt Fence	Lot 155	8/11/2014	Active	Yes
<b>Current Condition:</b>	Fair condition- The stockpile was removed from the ROW by Regency Homes prior to inspection on 8/21/14. Silt fence on the Eastern front of the lot was removed by Regency Homes prior to inspection on 8/21/14.  Following rough grading, silt fence is needed on the West side of the lot as of inspection on 8/21/14.  Regency Homes was requested to install silt fence by 8/28/14.				
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 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		Removed	
<b>Current Condition:</b>	Removed-The lot was sodded by Sherwood Homes prior to inspection on 8/21/14.				
Lot 311	Silt Fence	Lot 311		Removed	
<b>Current Condition:</b>	Removed-Heavican Homes sodded the lot prior to the inspection on 8/13/2013.				
Lot 312	Silt Fence	Lot 312		Removed	
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	Removed- Lot was sodded by Regency Homes prior to the inspection on 6/18/2014.				
Lot 323	Misc/other	Lot 323		Removed	
<b>Current Condition:</b>	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
<b>Current Condition:</b>	Fair condition-Sprinklers have been installed as of inspection on 8/21/14.  Sod needed on the lot for final stabilization.  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.				
Lot 331	Silt Fence	Lot 331		Removed	
<b>Current Condition:</b>	Removed-Lot was sodded by Sherwood Homes prior to the inspection on 11/20/2013.				
Lot 333	Silt Fence	Lot 333		Removed	
<b>Current Condition:</b>	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

<b>Current Condition:</b>	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
<b>Current Condition:</b>	Fair condition- <b>The lot was fine graded as of inspection on 8/21/14.</b>  SF needs to be cleaned out from behind the lot as of the inspection on 6/4/2014.  THC was informed to complete SF maintenance by 6/11/2014. Not completed as of the last inspection.				
Lot 339	Misc/other	Lot 339		Removed	
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	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		Removed	
<b>Current Condition:</b>	Removed-Paradise Homes sodded the lot prior to inspection on 8/21/14.				
Lot 343	Misc/other	Lot 343		Removed	
<b>Current Condition:</b>	Removed- Charles Thomas Homes sodded the lot prior to the inspection on 6/2/2014.				
Outlot D	Misc/other	Outlot D		Removed	
<b>Current Condition:</b>	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
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	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	
<b>Current Condition:</b>	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-  1) Lot 433 needs to be sodded. 2) <b>Silt fence needs repaired on the back of lot 430 as of inspection on 8/22/14.</b>  1) 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. 2) <b>Bob with Celebrity Homes was requested to repair the silt fence by 8/29/14.</b>				
Pod G	Silt Fence	Lots 404-425	4/8/2014	Active	No
<b>Current Condition:</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>Celebrity Homes sodded lot 418 prior to inspection on 8/21/14.</b>				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
<b>Current Condition:</b>	Fair Condition-  1) Area in the sodded yard should be overseeded in lot 466 where it was silted in. 2) <b>Erosion Eels on lot 470 need reset along the curb line as of inspection on 8/21/14.</b>  1) Bob with Celebrity Homes was informed to complete overseeding by 6/25/2014. Not completed as of the last inspection. Bob with Celebrity Homes was reminded on 7/30/14. 2) <b>Bob with Celebrity Homes was requested to reset the erosion eels by 8/28/14.</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	Yes
<b>Current Condition:</b>	<b>Fair condition-</b> 1) There is minor silt along the curb line of lots 132 and 155 as of inspection on 8/21/14. 2) There is minor silt along the curb line of lots 415, 419, 420, 425, 426, 433 and trackout on Birchwood Dr. as of inspection on 8/21/14.  1) Regency Homes was requested to clean the street by 8/22/14. Not done as of last inspection. 2) Celebrity Homes was requested to clean the street by 8/22/14. Not done as of last inspection.				
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>	<i>Rob Selt</i>		<b>Reviewed By:</b> <i>Zachary K. Gilek</i>		