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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>10/25/2014</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	Weather Conditions	
				<b>Week 1</b>
Sunday:	0.29"			
Monday	0.45"			
Tuesday	0.00"	10/14/14	67/45 Partly Cloudy	
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	0.99"			
Thursday	0.00"	10/23/14	72/50 Partly Cloudy	
Friday	0.00"			
Saturday	0.01"			
				<b>Week 3</b>
Sunday:	N/A	N/A	N/A	
Monday	N/A	N/A	N/A	
Tuesday	N/A	N/A	N/A	
Wednesday	N/A	N/A	N/A	
Thursday	N/A	N/A	N/A	
Friday	N/A	N/A	N/A	
Saturday	N/A	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:**

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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	Yes
<b>Current Condition:</b>	<b>Fair Condition</b> <b>The CW needs cleaned out as of inspection on 10/23/14.</b> <b>Celebrity Homes was requested to clean out the CW by 10/30/14.</b>				
Lot 15	Silt Fence	Lot 15	6/21/2014	Active	No
<b>Current Condition:</b>	Good condition- Horizon Homes backfilled the SF prior to the inspection on 9/8/2014.				
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. 1) SF needs to be entrenched in the rear as of the inspection on 8/4/2014. 2) <b>SF needs retied to the posts as of inspection on 10/23/14.</b>  1) Private homeowner Nick Peterson was informed to complete maintenance by 8/11/2014. Not done as of last inspection. Nick Peterson was reminded on 9/24/14. 2) <b>Private homeowner Nick Peterson was informed to complete maintenance by 10/30/2014.</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 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>	Fair Condition-Silt fence was installed on the North side of the lot by Horizon Homes prior to inspection on 8/21/14.  1.) SF is needed in the rear of the lot due to the new excavation. 2.) SF needs to be entrenched on the North side of the lot. 3.) SF is ripped on the side of the lot as of inspection on 9/24/14.  1.) Horizon Homes was requested to install silt fence by 8/11/14. Not done as of last inspection. Horizon Homes was reminded again on 9/11/2014. 2.) Horizon Homes was requested to complete silt fence maintenance by 9/17/2014. Not done as of last inspection. 3.) Horizon Homes was requested to repair the ripped SF by 10/1/14. 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	Yes
<b>Current Condition:</b>	Fair Condition-Silt fence was installed on the North side of the lot by Horizon Homes prior to inspection on 8/23/14.  SF is needed in the rear of the lot.  Horizon Homes was requested to install silt fence by 9/17/2014. Not done as of last inspection.				
Lot 132	Silt Fence	Lot 132	8/11/2014	Active	Yes
<b>Current Condition:</b>	Fair Condition  The SF needs retied on the NE corner as of inspection on 10/23/14.  Regency Homes was requested to retie SF by 10/30/14.				
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. Not completed as of the last inspection.				
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 258	Individual Lot	Lot 258	10/14/2014	Active	Yes
<b>Current Condition:</b>	Active-Charleston Homes has active construction on the lot as of inspection on 10/14/14. Currently, the lot is flat so no BMP is being requested.  There is a stockpile in the ROW as of inspection on 10/23/14.  Charleston Homes was requested to remove the stockpile by 10/30/14.				
Lot 259	Individual Lot	Lot 259	10/14/2014	Active	Yes
<b>Current Condition:</b>	Active-Charleston Homes has active construction on the lot as of inspection on 10/14/14. Currently, the lot is flat so no BMP is being requested.  There is a stockpile in the ROW as of inspection on 10/14/14.  Charleston Homes was requested to remove the stockpile by 10/21/14. Not done as of last inspection. Charleston Homes was reminded on 10/24/14.				
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	Yes
<b>Current Condition:</b>	Fair Condition  SF is full in the SE corner as of inspection on 10/23/14.  Charleston Homes was requested to clean out the SF by 10/30/14.				
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 324	Silt Fence	Lot 324	8/30/2014	Active	No
<b>Current Condition:</b>	<b>Good Condition-Sherwood Homes retied the SF prior to inspection on 10/14/14.</b>				
Lot 328	Misc/other	Lot 328		Removed	
<b>Current Condition:</b>	Removed-Sherwood Homes sodded the lot prior to inspection on 9/24/14.				
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	Individual Lot	Lot 335		Removed	
<b>Current Condition:</b>	Removed-Feldhacker Custom Homes sodded the lot prior to inspection on 10/23/14.				
Lot 337	Silt Fence	Lot 337	8/30/2014	Active	Yes
<b>Current Condition:</b>	<b>Fair condition- Sherwood Homes removed the stockpile from the ROW prior to inspection on 10/23/14.</b> <b>SF needs repaired on the N end due to power installation as of inspection on 10/23/14.</b> <b>Sherwood Homes was requested to repair SF by 10/30/14.</b>				
Lot 338	Individual Lot	Lot 338	4/14/2014	Active	Yes*
<b>Current Condition:</b>	Active-THC removed the SF prior to inspection on 10/23/14.  The lot needs final stabilization as of inspection on 10/23/14.  THC was requested to sod the lot by 11/7/14.				
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	Yes

<b>Current Condition:</b>	<b>Fair Condition</b>				
	SF needs retied on the East side of lot 236 as of inspection on 10/14/14.				
	Bob with Celebrity Homes was requested to complete maintenance by 10/21/14. Not done as of last inspection. Celebrity Homes was reminded on 10/24/14.				
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>	<b>Fair Condition-Celebrity Homes extended SF on the NW, and installed SF check on the SW of lot 454; repaired SF on the NW of lot 430 prior to inspection on 10/23/14.</b>				
	1) SF needs repaired on the North side of lot 454 as of inspection on 10/14/14. 2) SF needs retied on the front of lot 454 as of inspection on 10/23/14.				
	1) Bob with Celebrity Homes was requested to complete maintenance by 10/21/14. Not done as of last inspection. Celebrity Homes was reminded on 10/24/14. 2) Bob with Celebrity Homes was requested to retie SF by 10/30/14.				
Pod G	Silt Fence	Lots 404-425	4/8/2014	Active	Yes
<b>Current Condition:</b>	Fair condition-Celebrity Homes repaired SF on lot 420; extended SF on lot 419; and installed SF on 415 prior to inspection on 10/14/14.				
	SF needs to be installed on the South side of lot 414 as of inspection on 10/1/14.				
	Bob with Celebrity Homes was requested to complete maintenance by 10/8/14. Not done as of last inspection. Bob with Celebrity Homes was reminded on 10/15/14, 10/24/14.				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	No
<b>Current Condition:</b>	<b>Good Condition-Celebrity Homes repaired lot 466 and sodded lot 465 prior to inspection on 10/23/14.</b>				
Pod I	Misc/other	Lots 346-355	5/10/2013	Active	No
<b>Current Condition:</b>	Active- Lot 354 was sodded by Celebrity Homes prior to the inspection on 9/8/2014.				
Pod J	Silt Fence	Lots 381-394	10/23/2014	Pending	No
<b>Current Condition:</b>	Pending-Lots 391-394 are active as of inspection on 10/23/14. Currently, the lots are flat. Inspector will determine if SF is needed once the lots are brought to grade.				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
<b>Current Condition:</b>	Good Condition-30% Filled. Vegetation was removed from the basin and the slopes were seeded and matted by the SID prior to inspection on 10/23/14.				
SB 2	Sediment Basin	N41d00m00s W96d00m00s		Removed	
<b>Current Condition:</b>	Basin was removed and the outlet 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		Removed	
<b>Current Condition:</b>	Removed-Commercial Seeding removed the SF prior to inspection on 10/23/14.				
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>	<p>Fair Condition-Commercial Seeding cleaned along curblines of lots 414, 470, 460, 465, and 415 prior to inspection on 10/14/14.</p> <ol style="list-style-type: none"> <li>1) There is some runoff from lot 338 as of inspection on 10/1/14.</li> <li>2) There is some runoff from lots 414, 415, 419 as of inspection on 10/14/14.</li> <li>3) Runoff along the curbline of lot 15 need cleaned as of inspection on 10/14/14.</li> <li>4) There is minor track off from lot 76 as of inspection on 10/23/14.</li> <li>5) The street needs cleaned at the end of 42nd and 43rd Streets as of inspection on 10/23/14.</li> </ol> <ol style="list-style-type: none"> <li>1) The Home Company was requested to clean runoff by 10/2/14. Not done as of last inspection.</li> <li>2) Celebrity Homes was requested to clean runoff by 10/15/14. Not done as of last inspection. Celebrity Homes was reminded on 10/24/14.</li> <li>3) Horizon Homes was requested to clean curblines by 10/15/14. Not done as of last inspection.</li> <li>4) Proline Homes was requested to clean track off by 10/24/14.</li> <li>5) Celebrity Homes was requested to clean runoff by 10/24/14.</li> </ol>				
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> 