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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:	Clearwater Falls NER110573	
For Week Ending:	4/12/2014	
Project Location:	48th and Fairview Road- Bellevue, NE (Sarpy County)	68123

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	70%			
Utilities:	90%			
Overall Development:	55%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected			
Week 1					
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"	03/25/14			
Wednesday	0.00"				
Thursday	0.05"				
Friday	0.00"				
Saturday	0.00"				
Week 2					
Sunday:	0.00"				
Monday	0.06"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.10"				
Friday	0.06"				
Saturday	0.00"				
Week 3					
Sunday:	0.00"				
Monday	0.02"				
Tuesday	0.00"	04/08/14			
Wednesday	0.00"				
Thursday	0.01"				
Friday	0.00"				
Saturday	0.00"				

Complaints:	None				
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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)

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. Utility/ water installation work has continued on the 43rd and 42nd Streets in the SE corner of the development prior to the inspections on 3/25/2014 and 4/8/2014.

Findings / Corrective Actions (Date):**Findings / Corrective Actions (Date):**

- 1.) Some maintenance is required in the BMP Section.
- 2.) Per email conversation with Patricia Childers on 1/15/2014, lot 56 is now occupied by the home owner, and lot will be sodded come this Spring by the homeowner. Not completed as of the last inspection.
- 3.) Once final utility/water installation work has been completed on 43rd Street and 42nd Avenue, E&A will inform Loren with Celebrity Homes to complete grading/ temp seeding along the ROW. E&A will monitor the completed work. Water/hydrant install was still continuing as of the inspection on 4/8/2014.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	N41d00m00s W96d00m00s		Removed	
Current Condition:	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	
Current Condition:	Removed- Bob w/ Celebrity Homes removed washout pit prior to inspection on 8/27/2013.				
CW 4	Concrete Washout	Lot 414		Removed	
Current Condition:	Removed- Washout pit was removed by Celebrity Homes prior to the inspection on 4/8/2014.				
Lot 26	Silt Fence	Lot 26		Removed	
Current Condition:	Removed- Lot was sodded by Horizon Homes prior to the inspection on 10/29/2013.				
Lot 27	Silt Fence	Lot 27		Removed	
Current Condition:	Removed- Lot was sodded by Horizon Homes prior to the inspection on 10/29/2013.				
Lot 30	Silt Fence	Lot 30	5/3/2013	Active	Yes
Current Condition:	<p>Fair Condition-</p> <ol style="list-style-type: none"> 1.) Eastern perimeter SF needs to be re-entrenched and silt needs to be removed from the adjoining yard. 2.) SF at the top of the Eastern slope needs to be reinstalled as of the inspection on 11/20/2013. 3.) Several areas of the SF should be re-tied to the posts as of the inspection on 3/11/2014. <ol style="list-style-type: none"> 1.) Horizon Homes was informed to complete maintenance by 11/13/2013. Horizon Homes was reminded on 11/22/2013, 12/18/2013, 1/14/2014 & 3/11/2014. Not completed as of last inspection. 2.) Horizon Homes was informed to complete maintenance by 11/27/2013. Horizon Homes was reminded again on 12/18/2013, 1/14/2014 & 3/11/2014. Not completed as of last inspection. 3.) Horizon Homes was informed to complete maintenance by 3/18/2014. Not completed as of the last inspection. 				
Lot 55	Silt Fence	Lot 55		Removed	
Current Condition:	Removed Lot was sodded prior to inspection on 7/16/13 by The Home Company.				
Lot 56	Silt Fence	Lot 56	7/16/2013	Active	Yes
Current Condition:	<p>Fair condition-</p> <p>SF is down and torn in several sections along the North side of the lot. The lot should be stabilized as of the inspection on 3/25/2014.</p> <p>Per email conversation with Patricia Childers on 1/15/2014, lot 56 is now occupied by the home owner, and lot will be sodded and SF removed come this Spring by the homeowner. Not completed as of last inspection.</p>				
Lot 72	Silt Fence	Lot 72	11/27/2013	Pending	Yes

Current Condition:	Pending- Dirt removed from the ROW prior to the inspection on 12/17/2013 by Horizon Homes. SF needed on the North and North-East sides of the lot. Horizon Homes was informed to complete maintenance by 11/27/2013. Horizon Homes was reminded again on 12/18/2013, 1/14/2014 & 3/11/2014 Not completed as of last inspection. Not completed as of the last inspection.				
Lot 264	Misc/other	lot 264	11/5/2013	Active	No
Current Condition:	Active- Proline Homes removed dirt from the ROW prior to the inspection on 11/20/2013. Due to flat lot, BMPs are currently not needed.				
Lot 268	Misc/other	Lot 268		Removed	
Current Condition:	Removed- Sherwood Homes sodded the lot prior to the inspection on 10/15/2013.				
Lot 271	Misc/other	Lot 271	10/2/2013	Active	Yes
Current Condition:	Fair Condition- The P.P was removed from the lot prior to the inspection on 1/14/2014 by the Home Company. Sod needed on the lot for final stabilization. The Home Company was informed to complete sod installation by 11/27/2013. Not completed as of last inspection. Not completed as of the last inspection. The Home Company was reminded in 4/8/2014.				
Lot 277	Silt Fence	Lot 277		Removed	
Current Condition:	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	4/8/2014	Active	Yes
Current Condition:	Fair condition- SF was installed in the rear of the lot prior to the 4/8/2014 inspection by Charleston Homes. The dirt in the ROW needs to be removed. Charleston Homes was informed to remove the dirt by 4/15/2014.				
Lot 283	Silt fence	Lot 283	9/19/2013	Active	No
Current Condition:	Good Condition- Dirt was removed from the ROW prior to the inspection on 10/29/2013 by Sherwood Homes.				
Lot 286	Silt fence	Lot 286		Removed	
Current Condition:	Sherwood Homes installed sod prior to the inspection on 7/30/2013.				
Lot 287	Silt fence	Lot 287		Removed	
Current Condition:	Tom w/ The Home Company installed sod prior to the inspection on 7/30/2013.				
Lot 304	Misc/other	Lot 304	1/14/2014	Active	No
Current Condition:	Active- Proline Homes removed the dirt from the ROW prior to the inspection on 1/14/2014. Due to the lot being flat, no BMPs are presently needed.				
Lot 305	Silt Fence	Lot 305		Removed	
Current Condition:	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	Misc/other	Lot 309	12/3/2013	Active	Yes
Current Condition:	Fair Condition- Sherwood Homes installed gator guards in the rear of the lot prior to the inspection on 12/3/2013. 1.) Dirt needs to be removed from the ROW. 2.) Erosion eels in the back of the lot need to be cleaned out as of the inspection on 3/11/2014. 1.) Sherwood Homes was informed to remove dirt from the ROW by 1/21/2014. Not completed as of last inspection. Sherwood Homes was reminded again on 3/11/2014 and on 4/8/2014. 2.) Sherwood Homes was informed to complete maintenance by 3/18/2014. Not completed as of the last inspection. Sherwood Homes was reminded again in 4/8/2014.				
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	4/8/2013	Active	No
Current Condition:	Active- Banyan Homes removed the SF behind the lot prior to the inspection on 4/8/2014 for fine grading activities. Due to the pending sod installation and vegetated buffer strip behind the lot as of the inspection on 4/8/2014, no additional BMPs are needed.				
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	9/19/2013	Active	Yes
Current Condition:	Fair Condition- Regency Homes installed SF along the entire Southern Perimeter prior to the inspection on 10/29/2013. 1.) SE SF check needs repair. 2.) SF along the South side needs to be repaired and tied back to the posts. 1.) Regency Homes was informed to complete SF maintenance by 11/13/2013. Regency Homes was reminded again on 12/18/2013 and on 3/11/2014. Not completed as of last inspection. 2.) Regency Homes was informed to complete SF maintenance by 3/18/2014. Maintenance not completed as of last inspection.				
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 327	Silt fence	Lot 327	9/19/2013	Active	Yes
Current Condition:	Fair condition- Due to the sidewalk installation, the SF in the front of the lot can be removed. Sherwood Homes was informed to remove the SF by 4/15/2014.				
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 338	Silt Fence	Lot 338	3/18/2014	Active	Yes
Current Condition:	Pending- The dirt was removed from the ROW by The Home Company prior to the inspection on 4/8/2014. SF or wattles needed in the back of the lot due to the new excavation. Thomas with the Home Company was informed to complete SF installation by 3/18/2014. Not completed as of the last inspection. The Home Company was reminded again on 4/8/2014.				
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	4/1/2014	Active	Yes
Current Condition:	Fair condition- Paradise Homes installed SF along the South and East sides of the lot prior to the inspection on 4/8/2014. Dirt needs to be removed from the ROW. Dan with the Paradise Homes was informed to complete maintenance by 4/1/2014. Not completed as of the last inspection. Paradise Homes was reminded again on 4/8/2014.				
Lot 343	Silt Fence	Lot 343	9/19/2013	Active	No
Current Condition:	Good condition- The old SF was removed by the Charles Thomas Homes prior to the inspection on 4/8/2014 in the SE corner.				
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	Yes

Current Condition:	<p>Fair Condition- SF was removed around Lot 241 prior to the inspection on 4/8/2014 by Celebrity Homes in preparation by sod installation.</p> <p>1.) SF debris needs to be removed from lot 236. 2.) SF on the East side of lot 236 needs to be retied to the posts and entrenched. 3.) Sod needs to be installed on lot 241.</p> <p>1.) Bob with Celebrity Homes was informed to complete maintenance by 11/27/2013. Bob with Celebrity Homes was reminded on 12/18/2013, 01/28/2014 & on 4/8/2014. Not completed as of last inspection. 2.) Bob with Celebrity Homes was informed to complete maintenance by 02/4/2014. Not completed as of last inspection. Bob with Celebrity Homes was reminded on 4/8/2014. 3.) Bob with Celebrity Homes was informed to complete sod installation by 4/15/2014.</p>				
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	
Current Condition:	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
Current Condition:	<p>Fair condition- Lots 450-451 has had SF removed; and lot 451 was fine graded by Celebrity Homes prior to the inspection on 4/8/2014.</p> <p>1.) SF behind lots 432 and 433 need to be removed. 2.) Lot 433 needs to be sodded. 3.) SF needs to be reinstalled behind lot 429 and dirt piles need to be removed from the sides of the lot. 4.) Sod needed on lot 451.</p> <p>1.) Bob with Celebrity Homes was informed to complete maintenance by 11/5/2013. Bob with Celebrity Homes was reminded again on 11/8/2013, 11/20/2013, 12/18/2013, 01/28/2014, and on 4/8/2014. Not completed as of last inspection. 2.) 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 and on 4/8/2014. Not completed as of last inspection. 3.) Bob with Celebrity Homes was informed to complete SF installation and dirt pile removal by 4/15/2014. 4.) Bob with Celebrity Homes was informed to complete sod installation by 4/15/2014.</p>				
Pod G	Silt Fence	Lots 404-425	4/8/2014	Active	No
Current Condition:	Active- Due to the sidewalk installation across the lots, SF is currently not needed as of the inspection on 4/8/2014. E&A will monitor the areas for runoff.				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
Current Condition:	<p>Fair Condition- Celebrity Homes removed the SF and erosion eels in the front of lots 456-460 for sidewalk installation and fine grading of lots 458 and 459 prior to the inspection on 4/8/2014.</p> <p>1.) SF removal needed behind lot 455 due to sodding of lot. 2.) Gator guards need to be reinstalled in front of lots 470-471 along curb line. 3.) SF located in the rear of lot 471 needs to be reinstalled and retied to the posts. 4.) SF located on both the east and South sides of lot 469 needs to be retied to posts. 5.) Sod install is needed on lots 462, 463, 458 and 459.</p> <p>1.) Bob w/ Celebrity Homes was informed to complete maintenance by 11/5/2013. Bob with Celebrity Homes was reminded on 11/8/2013, 11/20/2013 & on 12/18/2013, 01/28/2014 & on 4/8/2014. Not completed as of last inspection. 2.) Bob with Celebrity Homes was informed to complete maintenance by 12/24/2013. Bob with Celebrity Homes was reminded of the required maintenance on 01/28/2014 and on 4/8/2014. Not completed as of last inspection. 3.) Bob w/ Celebrity Homes was informed to complete the maintenance by 02/04/2014. Not completed as of last inspection. Bob with Celebrity Homes was reminded again on 4/8/2014. 4.) Bob w/ Celebrity Homes was informed to complete the maintenance by 02/04/2014. Not completed as of last inspection. 5.) Bob with Celebrity Homes was informed to complete sod installation by 4/15/2014.</p>				
Pod I	Misc/other	Lots 346-355	5/10/2013	Active	No
Current Condition:	Good Condition- Bob with Celebrity Homes cleaned up the concrete prior to the inspection on 12/3/2013 on lot 354.				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
Current Condition:	Good Condition-25% Filled Basin cleaned out was completed prior to inspection on 6/10/11 by Bob Roth.				

SB 2	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	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
Current Condition:	Good Condition-17% Filled -Cleaned out 02/06				
SB 4	Sediment Basin	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed per Hill-Farrell construction.				
SB 5	Sediment Basin	N41d00m00s W96d00m00s	11/17/2009	Active	No
Current Condition:	Good Condition- 8% Filled - JC Excavating installed prior to inspection on 11/18/09.				
SF 1	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	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	
Current Condition:	Removed for grading on 8/4/08				
SF 3	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to home construction.				
SF 4	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to home construction.				
SF 5	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to home construction.				
SF 6	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Removed due to road construction				
SF 7	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	Silt fence was removed prior to inspection on 6/23/13 by Boyer Young.				
SF 8	Silt Fence	N41d00m00s W96d00m00s	In Place	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>A few areas of the silt fence are down/damaged and need to be repaired or removed. As of inspection on 4/1/13 one section of the t-posts were removed and the silt fence needs to be removed also.</p> <p>Boyer Young was sent a plan requesting to repair this by 3/3/11. On 9/21/11, 11/21/11 and again on 4/2/2013 Boyer Young was reminded that maintenance needs to be completed ASAP. Maintenance not completed as of last inspection.</p>				
SF 9	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	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	
Current Condition:	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	
Current Condition:	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	
Current Condition:	Removed due to landscaping.				
SF A	Silt Fence	Lots 474-480		Removed	
Current Condition:	All this maintenance has been moved to Pod C in the BMP section.				
SF B	Silt Fence	N41d00m00s W96d00m00s		Removed	
Current Condition:	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

<p>Current Condition:</p>	<p>Fair Condition- Horizon Homes street cleaned in front of lot 72 prior to the inspection on 3/25/2014.</p> <ol style="list-style-type: none"> 1.) Street cleaning needed in front of lots 456-460 along Western curb line. 2.) Street cleaning needed in front of lots 470-471. 3.) Street cleaning of curbs is needed in front of lots 415-417, 453-450, 467-466, and in front of 171-172. 4.) Street cleaning is needed in front of lot 278. 5.) Street cleaning is needed around the curb lines of lot 271. 6.) Street cleaning is needed in front of lot 342. <ol style="list-style-type: none"> 1.) Celebrity Homes was notified to clean the sediment from the streets on 10/30/2013. Celebrity Homes was reminded on 11/8/2013, 11/20/2013, 12/18/2013, 01/28/2014 & on 4/8/2014. Not completed as of last inspection. 2.) Celebrity Homes was notified to clean the sediment from the streets on 12/18/2013. Celebrity Homes was reminded on 01/28/2014 and on 4/8/2014. Not completed as of last inspection. 3.) Celebrity Homes was notified to clean the sediment from the streets by 4/9/2014. 4.) Charleston Homes was informed to complete street cleaning by 4/9/2014. 5.) The Home Company was informed to complete street cleaning by 4/9/2014. 6.) Paradise Homes was informed to complete street cleaning by 4/9/2014. 				
<p>SWPPP Sign</p>	<p>Signs</p>	<p>1 sign on site</p>	<p>8-19-08</p>	<p>Active</p>	<p>No</p>
<p>Current Condition:</p>	<p>Good Condition: 48th and Birchwood Drive</p>				
<p>Inspector Signature: <i>Rob [Signature]</i></p>	<p>Reviewed By: <i>Zachary K. Fildk</i></p>				