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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:	12/27/2014	
Project Location:	48th and Fairview Road- Bellevue, NE (Sarpy County)	68123

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

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.16"			
Monday	0.78"	12/15/14	54/27 Rain	
Tuesday	0.00"			
Wednesday	0.00"			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				Week 2
Sunday:	0.00"			
Monday	0.59"			
Tuesday	0.22"	12/23/14	Rain 37/33	
Wednesday	0.02"			
Thursday	0.00"			
Friday	0.01"			
Saturday	0.00"			
				Week 3
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			
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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); 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); **Matting has been installed on the side slopes surrounding outlot M Basin (12/15/2014);**

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	
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.				
CW 5	Concrete Washout	Lot 387	5/12/2014	Active	No
Current Condition:	Good condition- Celebrity Homes cleaned out the washout pit prior to the inspection on 12/2/2014.				
Lot 15	Silt Fence	Lot 15		Removed	
Current Condition:	Removed- Horizon Homes sodded the lot prior to the inspection on 11/18/2014.				
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		Removed	
Current Condition:	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
Current Condition:	Active- Due to the removal of the perimeter SF, sod is needed. Homeowner Nick Peterson was informed to complete sod install by 12/2/2014 permitting weather conditions. 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		Removed	
Current Condition:	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
Current Condition:	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, 11/6/2014. 2.) Horizon Homes was requested to complete silt fence maintenance by 9/17/2014. Not done as of last inspection. Horizon Homes was reminded again on 11/6/2014. 3.) Horizon Homes was requested to repair the ripped SF by 10/1/14. Not done as of last inspection. Horizon Homes was reminded again on 11/6/2014.				
Lot 72	Silt Fence	Lot 72		Removed	
Current Condition:	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
Current Condition:	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
Current Condition:	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. Horizon Homes was reminded again on 11/6/2014.				
Lot 132	Silt Fence	Lot 132	8/11/2014	Active	No
Current Condition:	Good condition- Regency Homes installed erosion eels in the front corner of the lot prior to the inspection on 12/2/2014.				
Lot 155	Silt Fence	Lot 155	8/11/2014	Active	No
Current Condition:	Good condition- Regency Homes repaired SF in the rear of the lot prior to the inspection on 12/2/2014.				
Lot 255	Silt Fence	Lot 255	8/4/2014	Active	No
Current Condition:	Active- Due to the vegetated buffer behind the lot, SF is no longer needed as of the inspection on 11/5/2014 by Legacy Homes.				
Lot 258	Individual Lot	Lot 258	10/14/2014	Pending	Yes

Current Condition:	Pending-Charleston Homes removed the stockpile prior to the inspection on 11/5/2014. SF or wattles are needed in the front of the lot. Charleston Homes was requested to install a BMP by 11/12/2014. Not completed as of the last inspection. CH was reminded again on 12/29/2014.				
Lot 259	Individual Lot	Lot 259	10/14/2014	Pending	Yes
Current Condition:	Pending-Charleston Homes removed the stockpile prior to the inspection on 11/5/2014. SF or wattles are needed in the front of the lot. Charleston Homes was requested to install a BMP by 11/12/2014. Not completed as of the last inspection. CH was reminded again on 12/29/2014.				
Lot 264	Misc/other	lot 264		Removed	
Current Condition:	Removed- Lot was sodded by Proline Homes prior to the inspection on 8/4/2014.				
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		Removed	
Current Condition:	Removed-The lot was sodded by the Home Company prior to the inspection on 5/22/2014.				
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		Removed	
Current Condition:	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
Current Condition:	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. Not completed as of the last inspection. CH was reminded again on 12/29/2014.				
Lot 283	Silt fence	Lot 283		Removed	
Current Condition:	Removed- Lot was sodded by Sherwood Homes prior to the inspection on 6/18/2014.				
Lot 286	Silt Fence	Lot 286	12/2/2014	Active	Yes
Current Condition:	Fair Condition- Sherwood Homes installed SF in the rear of the lot prior to the inspection on 12/2/2014. Dirt needs to be removed from the ROW. Sherwood Homes was informed to remove the dirt from the ROW by 12/9/2014. Not completed as of the last inspection.				
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 300	Silt Fence	Lot 300	12/23/2014	Active	No
Current Condition:	Active- Due to the vegetated buffer behind the lot, SF is not needed at this time by Pinecrest Homes. E&A inspector will monitor.				
Lot 304	Misc/other	Lot 304		Removed	
Current Condition:	Removed- Lot was sodded by Proline Homes prior to the inspection on 7/5/2014.				
Lot 305	Silt Fence	Lot 305		Removed	
Current Condition:	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	
Current Condition:	Removed-The lot was sodded by Sherwood Homes prior to inspection on 8/21/14.				
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 324	Silt Fence	Lot 324	8/30/2014	Active	No
Current Condition:	Good Condition-Sherwood Homes retied the SF prior to inspection on 10/14/14.				
Lot 327	Misc/other	Lot 327		Removed	
Current Condition:	Removed-Sherwood Homes sodded the lot prior to inspection on 9/24/14.				
Lot 328	Silt Fence	Lot 328	12/15/2014	Active	No
Current Condition:	Good condition- SF was installed on the front and side by Oakwood Homes prior to the inspection on 12/15/2014.				
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 335	Individual Lot	Lot 335		Removed	
Current Condition:	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
Current Condition:	Fair condition- Sherwood Homes removed the stockpile from the ROW prior to inspection on 10/23/14. SF needs repaired on the N end due to power installation as of inspection on 10/23/14. Sherwood Homes was requested to repair SF by 10/30/14. Not completed as of the last inspection. Sherwood Homes was reminded again on 12/2/2014.				
Lot 338	Individual Lot	Lot 338		Removed	
Current Condition:	Removed- THC sodded the lot prior to the inspection on 11/5/2014.				
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		Removed	
Current Condition:	Removed-Paradise Homes sodded the lot prior to inspection on 8/21/14.				
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		Removed	
Current Condition:	Removed- Lot 236 was sodded prior to the inspection on 11/5/2014 by Celebrity Homes. Pod A is completed due to the completion of homes.				
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	No
Current Condition:	Good Condition-Celebrity Homes removed the dirt piles from the ROW on lots 430-431, installed SF in the rear of lots 430-431 and cleaned out the SF behind lot 430 prior to the inspection on 11/18/2014.				
Pod G	Silt Fence	Lots 404-425	4/8/2014	Active	Yes
Current Condition:	Fair condition- Celebrity Homes sodded lot 414; reinstalled the SF around lot 415; sodded lot 419; erosion eels added on the side/front of lot 421; and SF was removed in between lots 421-422 prior to the inspection on 12/15/2014. SF needs to be reinstalled on the front sides of lots 422 and 421. Celebrity Homes was informed to complete by 12/9/2014. Not completed as of the last inspection.				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
Current Condition:	Fair condition- Erosion eels need to be re-installed in the front of the lot on 460. Celebrity Homes was informed to complete by 12/9/2014. Not completed as of the last inspection.				
Pod I	Silt Fence	Lots 346-355	11/18/2014	Active	No
Current Condition:	Good condition-Celebrity Homes removed the dirt pile from the front of lot 355 prior to the inspection on 11/18/2014.				
Pod J	Silt Fence	Lots 381-394	11/18/2014	Active	Yes
Current Condition:	Fair condition- Downed SF on lot 389 was removed by CH prior to the inspection on 12/15/2014. SF needs to be reinstalled and extended to the east on the south side of lot 388. Celebrity Homes was informed to complete by 12/9/2014. Not completed as of the last inspection.				
SB 1	Sediment Basin	N41d00m00s W96d00m00s	In Place	Active	No
Current Condition:	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	
Current Condition:	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
Current Condition:	Good Condition-20% 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- 15% 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		Removed	
Current Condition:	Removed-Commercial Seeding removed the SF prior to inspection on 10/23/14.				
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
Current Condition:	Fair condition- Street cleaning is needed in front of lots 258 and 259. Charleston Homes was informed to street clean by 12/24/2014.				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and Birchwood Drive				
Inspector Signature:				Reviewed By:	
					