

E & A Consulting Group, Inc.
 330 North 117th Street
 Omaha, NE 68154-2509
 tel 402.895.4700
 fax 402.895.3599
 www.eacg.com



Engineering Answers

Zachary A. Jilek, CPESC, CISEC
 Environmental Services Dept. Manager

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:	6/14/2014	
Project Location:	48th and Fairview Road- Bellevue, NE (Sarpy County)	68123

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	90%			
Utilities:	98%			
Overall Development:	63%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected			
					Week 1
Sunday:	0.27"				
Monday	0.05"				
Tuesday	0.63"				
Wednesday	0.00"	05/28/14	84 60	Sunny	
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
					Week 2
Sunday:	0.88"				
Monday	0.00"	06/02/14	82 61	Sunny	
Tuesday	1.67"				
Wednesday	0.19"	06/04/14	79 62	Cloudy	
Thursday	0.00"				
Friday	0.00"				
Saturday	0.32"				
					Week 3
Sunday:	0.00"				
Monday	0.00"				
Tuesday	0.00"				
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				

Complaints: Mr. Scott Harrison issued a complaint on 5/27/2014 of silt in the intersection of Brook and Birchwood. E&A contacted Commercial Seeding on 5/28/2014 to clean up the streets ASAP.

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).

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. OPPD is completing work on 43rd Street and 42nd Avenue in the SE corner of the development as of the inspection on 5/28/2014.

Outlot L was graded, seed and matted and 42nd Street and 43rd Avenue was temp seeded by Commercial Seeding prior to the inspection on 5/22/2014.

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

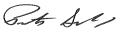
1.) Some maintenance is required in the BMP Section.

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	Yes
Current Condition:	Fair condition- A washout area was installed by Celebrity Homes prior to the inspection on 5/12/2014. The berm around the washout pit needs to be repaired. Bob with Celebrity Homes was informed to complete maintenance by 5/19/2014. Not completed as of the last inspection.				
Lot 15	Silt Fence	Lot 15	5/22/2014	Active	No
Current Condition:	Active- Horizon Homes removed the dirt from the ROW prior to the inspection on 6/4/2014. Due to the vegetated buffer strip in the rear, BMPs are presently not needed at this moment.				
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 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 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 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 the last inspection.				

Lot 76	Silt Fence	Lot 76	5/22/2014	Active	No
Current Condition:	Active- Proline Homes excavated the lot prior to the inspection on 5/22/2014. Due to the vegetated buffer strips in the front and the rear, No BMPs are presently needed as of the inspection on 5/22/2014.				
Lot 264	Silt Fence	lot 264	4/14/2014	Active	No
Current Condition:	Good condition- SF was installed on the side and front of the lot prior to the inspection on 4/14/2014 by Proline Homes.				
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	4/8/2014	Active	Yes
Current Condition:	Fair condition- SF cleanout and repair is needed in several areas behind the lot as of the inspection on 5/12/2014. Charleston Homes was informed to complete SF maintenance by 5/19/2014. Not completed as of the last inspection.				
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	Silt Fence	Lot 304	4/14/2014	Active	No
Current Condition:	Good condition- SF was installed on the side and front of the lot prior to the inspection on 4/14/2014 by Proline Homes. A piece of the front SF was removed by Proline Homes prior to the inspection on 5/22/2014.				
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	Silt Fence	Lot 309	12/3/2013	Active	Yes
Current Condition:	Fair condition- Erosion eels were installed along the South side and the sidewalk was cleaned prior to the inspection on 5/22/2014 by Sherwood Homes. The SF in the rear of the lot needs to be cleaned out as of the inspection on 5/12/2014. Sherwood Homes was informed to clean out the SF by 5/19/2014. Not completed as of the last inspection.				
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	9/19/2013	Active	Yes
Current Condition:	Fair condition- The old SF should be removed and the lot should be sodded. Regency Homes was informed to remove the SF and sod the lot by 6/4/2014.				
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 327	Misc/other	Lot 327	9/19/2013	Active	Yes
Current Condition:	Fair condition- 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.				
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:	Fair condition- SF was installed in the rear of the lot by the Home Company prior to the inspection on 4/14/2014. 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.				
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	Yes
Current Condition:	Fair condition- 1.) SF needs to be cleaned out in the rear of the lot. 2.) Erosion eels need to be reinstalled in the front of the lot, and extended further to the South. 1.) Paradise Homes was informed to complete maintenance by 5/19/2014. Not completed as of the last inspection. Paradise Homes was reminded on 5/28/2014. 2.) Paradise Homes was informed to complete SF reinstallation by 5/19/2014. Not completed as of the last inspection. Paradise Homes was reminded on 5/28/2014.				
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 fo 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	
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- Lot 451 was sodded by Celebrity Homes prior to the inspection on 4/28/2014. Lot 453 and Lot 429 was sodded prior to the inspection on 5/22/2014 by Celebrity Homes.</p> <p>1.) Lot 433 needs to be sodded. 2.) SF needs to be installed behind lot 429 or the dirt piles should be removed from the sides of the lot.</p> <p>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. Not completed as of last inspection. 2.) Bob with Celebrity Homes was informed to complete SF installation by 4/15/2014. Not completed as of last inspection. Bob with Celebrity Homes was reminded on 5/2/2014 and on 5/14/2014.</p>				
Pod G	Silt Fence	Lots 404-425	4/8/2014	Active	No
Current Condition:	Good condition- Lot 417 was sodded prior to the inspection on 5/22/2014 by Celebrity Homes. SF checks were installed in the front of lot 418 and were installed on the corner of lot 415 prior to the inspection on 6/2/2014.				
Pod H	Silt Fence	Lots 455-473	12/4/2012	Active	Yes
Current Condition:	<p>Fair Condition- SF was removed behind lots 455-459, and from behind 470 due to the matting installation along outlet L by Commercial Seeding prior to the inspection on 5/22/2014. Lots 462, 463, 466 were sodded by Celebrity Homes prior to the inspection on 5/22/2014. Additional SF was installed in the rear of lot 469 and the SF was removed in the front of lot 469 for paving prior to the inspection on 6/4/2014 by Celebrity Homes.</p> <p>1.) Gator guards/eels need to be reinstalled/adjusted in front of lot 470 along curb line. 2.) SF needs to be cleaned out on the side of lot 469. 3.) Erosion eels on lot 470 need to be cleaned out.</p> <p>1.) Bob with Celebrity Homes was informed to complete maintenance by 5/5/2014. Not completed as of last inspection. Bob with Celebrity Homes was reminded on 5/14/2014. 2.) Bob with Celebrity Homes was informed to complete maintenance by 5/5/2014. Not completed as of last inspection. Bob with Celebrity Homes was reminded on 5/14/2014. 3.) Bob with Celebrity Homes was informed to complete maintenance by 5/19/2014. Not completed as of last inspection.</p>				
Pod I	Misc/other	Lots 346-355	5/10/2013	Active	No
Current Condition:	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
Current Condition:	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	
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-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	In Place	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>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.</p> <p>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.</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
Current Condition:	<p>Fair Condition- Clearwater Drive, Brook Street, Birchwood, 44th Street, 43rd Avenue, Waterford Avenue, 42nd Avenue and 43rd Street were cleaned by Celebrity Homes; streets were cleaned around lot 217 by THC prior to the inspection on 6/4/2014.</p> <p>1.) Additional street cleaning is needed on Clearwater Drive, Brook Street, Birchwood, 44th Street, 43rd Avenue, Waterford Avenue, 42nd Avenue and 43rd Street. 2.) Street cleaning is needed in front of lot 338. 3.) Street cleaning is needed in front of lot 342.</p> <p>1.) Barry with Commercial Seeding was notified to clean the streets by 6/5/2014. 2.) Thomas with the Home Company was reminded to complete cleaning by 5/29/2014. Not completed as of the last inspection. THC was reminded again on 6/5/2014. 3.) Paradise Homes was reminded to complete cleaning by 5/29/2014. Not completed as of the last inspection.</p>				
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No
Current Condition:	Good Condition: 48th and Birchwood Drive				
Inspector Signature:				Reviewed By: 