E & A Consulting Group, Inc. 10909 Mill Valley Road, Suite 100 Omaha, NE 68154 tel 402.895.4700 fax 402.895.3599 www.eacg.com



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

**Engineering Answers** 

	ger E&A- P2	2005.198.000			
Inspector: Patrick Sechser				Stage	
		Clearwa	tor Falls	3	
Project Name:		NER1			
For Week Ending:		2/13/2016			
Project Location:	48th and	Fairview Road- B	ellevue, NE (Sarpy County)	68123	
- "	1000	1			
Grading:	100%				
Sanitary Sewer: Storm Sewer:	100%				
Paving:	100%		+		
Seeding:	100%				
Utilities:	100%				
Overall Development:	75%				
·	1	JI.	· · · · · · · · · · · · · · · · · · ·		
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions		
				Week	
Sunday:	0.00"				
Monday	0.00"	1			
Tuesday Wednesday	0.00"	-			
Thursday	0.00"	-			
Friday	0.00"	<del> </del>			
Saturday	0.00"				
	<u> </u>			Week	
Sunday:	0.00"				
Monday	0.00"				
Tuesday Wednesday	<b>0.20"</b> 0.00"				
Thursday	0.01"	1/2	1/2016 Sunny 22/16		
Friday	0.00"	1/2	1/20 10 Sullily 22/10		
Saturday	0.00"				
				Week	
Sunday:	0.02"				
Monday	0.01"				
Tuesday	0.00"				
Wednesday Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"				
	5.55			Week	
Sunday:	0.00"				
Monday	0.01"				
Tuesday	0.21"				
Wednesday	0.00"	ļ			
Thursday	0.00"				
Friday	0.00" 0.01"	<del>                                     </del>			
Saturday	0.01			Week	
Sunday:	0.01"			week	
Monday	0.00"	1			
Tuesday	0.00"	1			
Wednesday	0.00"				
Thursday	0.00"				
Friday	0.00"				
Saturday	0.00"	1			
	INIama				
Compleinter	None				
Complaints:					

# 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);

### SUMMARY QUESTIONS:

Are approved entrances and adjacent streets being maintained adequately?

No. See BMP Section

Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?

Yes

#### CHECKLIST QUESTIONS:

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?

Yes

Is dust associated with the construction activity adequately controlled on the site

Yes

#### 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. Site was covered with 4-6 inches of snow as of the inspection on 1/21/2016.

## Findings / Corrective Actions (Date):

### Findings / Corrective Actions (Date):

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

Unique Name	Туре	Location	Projected Install Date	Status	Maintenance		
CW 5	Concrete Washout	Lot 387		Removed			
Current Condition:		Removed-Celebrity Homes removed the concrete washout prior to inspection on 11/12/2015.					
CW 6	Concrete Washout	Lot 359	11/12/2015	Active	No		
Current Condition:	Good Condition- A berm was	Good Condition- A berm was installed in front of the washout prior to 12/23/2015 by Celebrity Homes.					
Lot 16	Individual Lot	Lot 16	6/12/2015	Active	No		
Current Condition:	Active- Excavation has begurear of the lot, BMPs are pre	sently not needed at this			fer strip in the		
Lot 17	Individual Lot	Lot 17		Removed			
Current Condition:	Removed- Newport Homes s	sodded the lot prior to 11	/12/2015.				
Lot 54	Silt Fence	Lot 54		Removed			
Current Condition:	Removed-Nick Peterson soc	Ided the lot prior to inspe	ection on 5/28/15.				
Lot 57	Silt Fence	Lot 57		Removed			
Current Condition:	Removed-Horizon Homes so	Removed-Horizon Homes sodded the lot prior to inspection on 5/28/15.					
Lot 59	Individual Lot	Lot 59		Removed			
Current Condition:	Removed- Horizon Homes s	odded the lot prior to 11	/12/2015.				
Lot 76	Silt Fence	Lot 76		Removed			
Current Condition:	Removed- Lot was sodded b	y Proline Homes prior to	7/31/2015.				
Lot 80	Silt Fence	Lot 80		Removed			
Current Condition:	Removed- Horizon Homes s	odded the lot prior to 6/1	1/2015.		•		
Lot 82	Silt Fence	Lot 82		Removed			
Current Condition:	Removed- Lot was sodded b	y Legacy Homes prior to	9/18/2015.				
Lot 89	Individual Lot	Lot 89	12/14/2015	Active	No		
Current Condition:	Active- Lot was excavated by monitor runoff.	, , , , , , , , , , , , , , , , , , , ,	rior to 12/14/2015. Due to	the lot being fl	at, E&A will		
Lot 132	Silt Fence	Lot 132		Removed			
Current Condition:	Removed- Regency Homes		19/2015.				
Lot 155	Silt Fence	Lot 155		Removed			
Current Condition:	Removed- Regency Homes	sodded the lot prior to 4	19/2015.				
Lot 255	Individual Lot	Lot 255		Removed			
Current Condition:	Removed - Legacy Homes s	odded the lot prior to the	e 6/24/15 inspection.				
Lot 258	Silt Fence	Lot 258		Removed			

Current Condition:	Removed-Charleston Home	es sodded the lot prior to i	nspection on 5/14/15.		
Lot 259	Silt Fence	Lot 259		Removed	
Current Condition:	Removed-Charleston Hom				
Lot 260  Current Condition:	Individual Lot Active- Dirt was removed fr	Lot 260	9/8/2015	Active	No
Current Condition:	will monitor runoff.	om the ROW phot to 10/2	6/2015 by Sherwood Ho	omes. Louis cum	entry fiat. E&A
Lot 261	Individual Lot	Lot 261	10/28/2015	Active	No
Current Condition:	Active- Dirt was removed fr	om the ROW prior to 10/2	8/2015 by Sherwood Ho	mes. Lot is curre	ently flat. E&A
	will monitor runoff.				
Lot 284	Silt Fence	Lot 284	12/14/2015	Active	No
Current Condition:	Good Condition- Sherwood	Homes installed silt fence	in the rear prior to 12/1	4/2015.	
Lot 282	Silt Fence	Lot 282		Removed	
Current Condition:	Removed- Oakwood Home		the rear prior to 7/26/2		
Lot 286	Silt Fence	Lot 286		Removed	
Current Condition: Lot 300	Removed-Sherwood Home Silt Fence	Lot 300	spection on 7/8/15.	Removed	1
Current Condition:	Removed- Pinecrest Home		/31/2015	Removed	
Lot 324	Silt Fence	Lot 324	1,2010.	Removed	
Current Condition:	Removed-Sherwood Home	s sodded the lot prior to in	spection on 7/8/15.		
Lot 325	Silt fence	Lot 325		Removed	
Current Condition:	Removed- Lot was sodded		r to 11/17/2015.		
Lot 326	Silt Fence	Lot 326		Removed	
Current Condition: Lot 328	Removed-Sherwood Home		spection on 7/16/15.	Removed	1
Current Condition:	Silt Fence Removed-Oakwood Home:	Lot 328	I added the lot prior to ins		<u> </u> 5
Lot 329	Temp. Seeding	Lot 329	duced the lot phor to the	Removed	J
Current Condition:	Removed- As of 8/10/2015		seeding is not needed.		1
Lot 336	Temp. Seeding	Lot 336		Removed	
Current Condition:	Removed- As of 8/18/2015		seeding is not needed.		
Lot 337	Silt Fence	Lot 337		Removed	
Current Condition:	Removed-Sherwood Home		nd sodded the lot prior t		5/28/15.
Pod F  Current Condition:	Silt Fence Removed-Lots 427 and 428	Lots 426-454	1/2015 by Calabrity Ham	Removed	
Gurrent Condition.	Removed-Lots 427 and 426				
Pod G Current Condition:	Silt Fence Fair Condition-Silt fence on and repaired in the rear of I			Active	Yes or to 12/14/2015
Pod G	Fair Condition-Silt fence on	the front and side of lot 4 ot 404 prior to 12/23/2015 enched in the rear of lot 40 ned to complete by 12/21/	5.	ebrity Homes prid	or to 12/14/2015
Pod G	Fair Condition-Silt fence on and repaired in the rear of leads to be entreed.  Silt fence needs to be entreed.  Celebrity Homes was information.	the front and side of lot 4 ot 404 prior to 12/23/2015 enched in the rear of lot 40 ned to complete by 12/21/	5.	ebrity Homes prid	or to 12/14/2015
Pod G	Fair Condition-Silt fence on and repaired in the rear of leads to be entreed.  Silt fence needs to be entreed.  Celebrity Homes was information.	the front and side of lot 4 ot 404 prior to 12/23/2015 enched in the rear of lot 40 ned to complete by 12/21/	5.	ebrity Homes prid	or to 12/14/2015
Pod G Current Condition:	Fair Condition-Silt fence on and repaired in the rear of I Silt fence needs to be entre Celebrity Homes was inforr Homes was reminded on 1	the front and side of lot 4 of 404 prior to 12/23/2015 enched in the rear of lot 40 ned to complete by 12/21/2/26/2015.	5. 2015. Not done as of the	e last inspection.	or to 12/14/2015
Pod G Current Condition:  Pod H Current Condition: Pod I	Fair Condition-Silt fence on and repaired in the rear of I Silt fence needs to be entre Celebrity Homes was inforr Homes was reminded on 1 Silt Fence Removed- Lot 460 was soo	the front and side of lot 4 of 404 prior to 12/23/2015 enched in the rear of lot 40 med to complete by 12/21/2/26/2015.  Lots 455-473 lded by Celebrity Homes p	5. 2015. Not done as of the prior to the inspection on	e last inspection.	or to 12/14/2015
Pod G Current Condition:  Pod H Current Condition: Pod I Current Condition:	Fair Condition-Silt fence on and repaired in the rear of I Silt fence needs to be entre Celebrity Homes was inform Homes was reminded on 1 Silt Fence Removed- Lot 460 was soo Silt Fence Removed-Lot 355 was soo	the front and side of lot 4 ot 404 prior to 12/23/2015 enched in the rear of lot 40 need to complete by 12/21/2/26/2015.  Lots 455-473 lded by Celebrity Homes published by Celebrity Homes published by 12/25/2015 by 12/2015 by 12/2015 by 13/2015 by 13/20	5. 2015. Not done as of the virior to the inspection on Celebrity Homes.	e last inspection.  Removed 4/25/2015. Removed	Celebrity
Pod G Current Condition:  Pod H Current Condition: Pod	Fair Condition-Silt fence on and repaired in the rear of I Silt fence needs to be entre Celebrity Homes was inforr Homes was reminded on 1 Silt Fence Removed- Lot 460 was soo	the front and side of lot 4 of 404 prior to 12/23/2015 enched in the rear of lot 40 med to complete by 12/21/2/26/2015.  Lots 455-473 lded by Celebrity Homes p	5. 2015. Not done as of the prior to the inspection on	e last inspection.  Removed 4/25/2015.	or to 12/14/2015
Pod G Current Condition:  Pod H Current Condition: Pod I Current Condition: Pod J Current Condition:	Fair Condition-Silt fence on and repaired in the rear of I Silt fence needs to be entre Celebrity Homes was inform Homes was reminded on 1  Silt Fence Removed- Lot 460 was soo Silt Fence Removed-Lot 355 was sod Silt Fence Fair Condition-  1.) Silt fence needs to be re 2.) Silt fence needs to be re 1.) Celebrity Homes was in Homes was reminded on 1 2.) Celebrity Homes was in Homes was reminded on 1	the front and side of lot 4 of 404 prior to 12/23/2015 enched in the rear of lot 40 med to complete by 12/21/2/26/2015.  Lots 455-473 Ided by Celebrity Homes part of lots 346-355 Ided prior to 8/18/2015 by 10 Lots 381-394  Lots 381-394  Lots 455-473 Ided by Celebrity Homes part of lots 346-355 Ided prior to 8/18/2015 by 10 Lots 381-394	2015. Not done as of the control of the inspection on Celebrity Homes.  11/18/2014  388. 4/2015. Not done as of the celebrity Homes.  4/2015. Not done as of the celebrity Homes.	e last inspection.  Removed 4/25/2015. Removed Active	Celebrity  Yes  n. Celebrity  n. Celebrity
Pod G Current Condition:  Pod H Current Condition: Pod I Current Condition: Pod J Current Condition:	Fair Condition-Silt fence on and repaired in the rear of I Silt fence needs to be entre Celebrity Homes was inform Homes was reminded on 1  Silt Fence Removed- Lot 460 was soon Silt Fence Removed-Lot 355 was soon Silt Fence Removed-Lot 355 was soon Silt Fence Fair Condition-  1.) Silt fence needs to be recalled to be recalled to be recalled to be recalled to the r	the front and side of lot 4 of 404 prior to 12/23/2015 enched in the rear of lot 40 med to complete by 12/21/2/26/2015.  Lots 455-473 lded by Celebrity Homes processed by Lots 346-355 lded prior to 8/18/2015 by 10 Lots 381-394 lded by Celebrity Homes processed by Lots 381-394 lded prior to 8/18/2015 by 10 Lots 381-394 lded prior to 8/18/2015 by 10 Lots 381-394 lded prior to complete by 11/2/2/2015, 12/16/2015, 12/16/2015, 12/16/2015, 12/16/2015, 12/	55. 2015. Not done as of the prior to the inspection on Celebrity Homes. 11/18/2014 388. 8. 4/2015. Not done as of the Algorithm of the inspection on Celebrity Homes. 11/18/2014 4/2015. Not done as of the Algorithm of the inspection on Celebrity Homes. 11/18/2014	e last inspection.  Removed 4/25/2015. Removed Active	Celebrity  Yes  N. Celebrity  N. Celebrity  Yes
Pod G Current Condition:  Pod H Current Condition: Pod I Current Condition: Pod J Current Condition:	Fair Condition-Silt fence on and repaired in the rear of I Silt fence needs to be entre Celebrity Homes was inform Homes was reminded on 1  Silt Fence Removed- Lot 460 was soo Silt Fence Removed-Lot 355 was sod Silt Fence Fair Condition-  1.) Silt fence needs to be re 2.) Silt fence needs to be re 1.) Celebrity Homes was in Homes was reminded on 1 2.) Celebrity Homes was in Homes was reminded on 1	the front and side of lot 4 of 404 prior to 12/23/2015 enched in the rear of lot 40 need to complete by 12/21/2/26/2015.  Lots 455-473 lded by Celebrity Homes public and the side of lot 20 paired in the rear of lot 38 formed to complete by 11/2/2/2015, 12/16/2015.	2015. Not done as of the control of	e last inspection.  Removed 4/25/2015. Removed Active  Active  Active  Active  Active  f the last inspection	Celebrity  Yes  n. Celebrity  Yes  silt fence behind

Current Condition:	Fair Condition- Lot 366 wa ROW dirt pile on lot 365 at			2016- Dirt pile w	as added to		
	1.) Silt fence needs to be entrenched behind lot 369. 2.) Dirt needs to be removed from the ROW of lots 368 and 369. 2.) Debrie (Nictorial Procedure In 2005)						
	<ol> <li>Debris/Dirt pile needs to be removed from lot 365.</li> <li>Celebrity Homes was informed to complete by 12/30/2015.</li> <li>Celebrity Homes was informed to complete by 12/8/2015. Not done as of the last inspection. Celebrity Homes was reminded on 12/16/2015, 12/26/2015.</li> <li>Celebrity Homes was informed to complete by 12/8/2015. Not done as of the last inspection. Celebrity Homes was reminded on 12/16/2015, 12/26/2015.</li> </ol>						
SB 1	Sediment Basin	Outlot "M"	In Place	Active	No		
Current Condition:	Good Condition-30% Filled.	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 3	Sediment Basin	School Lot 165	In Place	Active	No		
Current Condition:	Good Condition-20% Filled -Cleaned out 02/06						
SB 5	Sediment Basin	Outlot "L"	11/17/2009	Active	No		
Current Condition:		Good Condition- 15% Filled - JC Excavating installed prior to inspection on 11/18/09.					
		48th Street & Interior					
STR	Street Cleaning	streets	5/1/2007	Active	Yes		
Current Condition:	Fair Condition- Celebrity Homes and Horizon Homes street cleaned prior to 10/29/2015  Several areas of the curb lines need to be cleaned, especially on 42nd Avenue.  Celebrity Homes was informed to complete by 10/29/2015. Not done as of the last inspection. Celebrity Homes was reminded on 12/2/2015, 12/16/2015, 12/26/2015.						
SWPPP Sign	Signs	1 sign on site	8-19-08	Active	No		
Current Condition:	Good Condition: 48th and B	irchwood Drive					
Inspector Signature:	Pet Sul		Reviewed By:	Zadhany k	Jilek		