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**E & A CONSULTING GROUP, INC.**  
*Engineering Answers*

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

**E&A- P2017.411.001**

Inspector: Patrick Sechser		Stage
Project Name:	<b>The Villas at Piney Creek OMA-20160711-03678 CSW-201600546</b>	1
For Week Ending:	<b>12/2/2017</b>	
Project Location:	<b>202nd Street and Blondo Parkway, Omaha, NE (Douglas County)</b>	<b>68022</b>

Grading:	80%			
Sanitary Sewer:	50%			
Storm Sewer:	50%			
Paving:	50%			
Seeding:	82%			
Utilities:	50%			
Overall Development:	20%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				<b>Week 1</b>
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.02"	11/29/2017	Sunny 52/24	
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			

<b>Complaints:</b>				

**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 activities began in the Summer/Fall of 2016 by Ruff Grading. Major grading activities have ceased in the Summer of 2017 on site.  
 Minor grading to be completed at a later time in drainage areas A1-A0.2 due to lot level construction (10/2/2017).  
 Drainage basins A0.3, A2, A0.4 and B1 were inactive (10/2/2017).

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 activities began in the Summer/Fall of 2016 by Ruff Grading. Major grading activities have ceased in the Summer of 2017 on site.  
 Minor grading to be completed at a later time in drainage areas A1-A0.2 due to lot level construction (10/2/2017).  
 Drainage basins A0.3, A2, A0.4 and B1 were inactive (10/2/2017).

What temporary or permanent stabilization measures listed in this section are being implemented?

Existing Vegetation (2016); Both sides of project were seeded and erosion control blanket installed (2017); Right-of Ways were seeded on west side of project (10/2/2017); NW slope was re-matted and seeded due to erosion (10/19/2017).

**SUMMARY QUESTIONS:**

Are approved entrances and adjacent streets being maintained adequately?

Yes

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

<b>Comments:</b>					
Comments:					
East side of the site remains idle. Home construction is continuing on the west side of the project as of 11/29/2017.					
<b>Findings / Corrective Actions (Date):</b>					
Findings / Corrective Actions (Date):					
1.) Some maintenance is required in the BMP section.					
2.) Walking trail on the far east end needs to be cleaned up. The Developer Steve Champoux was informed to complete maintenance by 10/9/2017. Not done as of the last inspection. Developer Steve Champoux was reminded on 10/10/2017, 11/21/2017. <b>Walking Trail was partially scraped up, although minor silt residue remains as of 11/29/2017. E&amp;A will continue to monitor.</b>					
3.) City Inspection Report #6110 was reviewed and forwarded to Developer Steve Champoux to fix remaining silt fence 10, basin items and cleaning up of walking trail on 10/20/2017. See BMP section for additional details. CIR# 6351 was received and forwarded to Developers Steve Champoux and Terri Krasne for compliance (See BMP section) on 11/21/2017. Note: Per conversation with Terri (Developer) and E&A Inspector on 11/22/2017, sediment basin #3 maintenance, riser and SRR #9 will be installed once grading resumes in the eastern phase next year. E&A will continue to monitor silt runoff and issues on the eastern section of the site. Ed Jochim will be hired to repair SB #2 riser and Commercial Seeding will be hired to complete remaining silt fence on the eastern side as of 11/22/2017.					
<b>Unique Name</b>	<b>Type</b>	<b>Location</b>	<b>Projected Install Date</b>	<b>Status</b>	<b>Maintenance</b>
CD1-14	Wattles	Site	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition-CD 14 is in place currently. E&A will verify other wattles and necessity as work progresses. CD 1-10 are presently not needed based on lot level construction.				
CE-1	Entrance	Blondo Parkway		Removed	
<b>Current Condition:</b>	Removed- Entrance was removed and paved prior to 10/2/2017 inspection.				
CE-2	Entrance	Blondo Parkway-East	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition-70% functioning- Entrance was installed prior to 10/2/2017 inspection by Ruff Grading.				
CW-1	Concrete washout	West side of project		Removed	
<b>Current Condition:</b>	Removed- Washout pit was removed prior to 10/2/2017.				
CW-2	Concrete washout	East side of project	5/1/2018	Pending	No
<b>Current Condition:</b>	Pending- Washout will be installed in the eastern phase prior to road paving operations.				
Diversion Ditches 1-24	Diversion Ditches	Site	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- Diversion Ditches have been installed prior to the inspection on 10/2/2017 by Ruff Grading. E&A will continue to verify ditches once vegetation is mowed back. DD1, part of DD2, DD13-DD24 were noted during the first inspection by E&A. E&A will continue to monitor. Other diversion ditches were removed for lot level construction.				
Inlet Filters	Inlet Filters	202nd Street, 202nd Avenue	10/25/2017	Active	No
<b>Current Condition:</b>	Good Condition- Inlet filters have been cleaned out prior to 10/25/2017 by Developer Steve Champoux. E&A will continue to monitor inlet filters due to the establishment of vegetation.				
Lot 30	Silt Fence	202nd Street	10/25/2017	Active	No
<b>Current Condition:</b>	Active- Lot was excavated by Steve Champoux prior to 10/25/2017. Lot is presently flat. E&A will continue to monitor need for silt fence installation on the front.				
Lot 33	Silt Fence	202nd Avenue	10/9/2017	Pending	Yes
<b>Current Condition:</b>	Pending- Dirt was removed from the ROW prior to 10/25/2017 by Legacy Homes.  Silt fence is needed on the front of the lot.  Legacy Homes was informed to complete by 10/9/2017. Not done as of the last inspection. Steve Champoux was reminded on 11/9/2017, 11/21/2017.				
Lot 43	Silt Fence	Miami Circle	10/9/2017	Pending	Yes
<b>Current Condition:</b>	Pending- Dirt was removed from the ROW prior to 11/2/2017 by Legacy Homes.  Silt fence is needed on the front of the lots.  Legacy Homes was informed to complete by 10/9/2017. Not done as of the last inspection. Steve Champoux was reminded on 11/9/2017, 11/21/2017.				

Lot 44	Silt Fence	Miami Circle	10/9/2017	Pending	Yes
<b>Current Condition:</b>	<p>Pending- Dirt was removed from the ROW prior to 11/2/2017 by Legacy Homes.</p> <p>Silt fence is needed on the front of the lots.</p> <p>Legacy Homes was informed to complete by 10/9/2017. Not done as of the last inspection. Steve Champoux was reminded on 11/9/2017, 11/21/2017.</p>				
Lot 45	Silt Fence	Miami Circle	10/9/2017	Pending	Yes
<b>Current Condition:</b>	<p>Pending- Dirt was removed from the ROW prior to 11/2/2017 by Legacy Homes.</p> <p>Silt fence is needed on the front of the lots.</p> <p>Legacy Homes was informed to complete by 10/9/2017. Not done as of the last inspection. Steve Champoux was reminded on 11/9/2017, 11/21/2017.</p>				
RR-1-2	Stream Outlet Rip Rap	Drainage way	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- Rip rap 1 was installed prior to 10/2/2017 inspection. E&A will continue to monitor. RR 2 is pending once outfall is installed from outfall #3.				
RW-1-8	Rock Weirs	Site	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- Rock Wier 1 was installed prior to 10/2/2017 inspection. E&A will continue to monitor. RW 2-5 have been removed prior to the inspection on 10/2/2017. RW 6-8 will be verified during the next inspections				
ECB-1-15	Erosion Control Blanket	Site	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- Erosion Control Blanket has been installed on the site prior to 10/2/2017 by Developer Steve Champoux.				
Silt Fence 1-4	Silt Fence	West side of project	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- Silt Fence #1 was removed on the west side & repaired along Blondo Parkway; SF #2 was reinstalled by SB 1; SF #2 and #3 was reinstalled to the east of lot 39; Silt fence was entrenched to the north of 202nd Avenue on lot 8, Replat 1; Silt fence #4 by RR1 was repaired due to undercutting SF prior to 10/19/2017 by the Developer Steve Champoux.				
Silt Fence 5-10	Silt Fence	East side of project	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- Silt Fence by CE-2 was reinstalled by Developer Steve Champoux prior to 10/19/2017. <b>SF 10 was repaired by Commercial Seeding prior to 11/29/2017.</b>				
Sediment Basin 1	Sediment Basin	West side-entrance	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- 30% full- Basin and Anti-vortex device was installed prior to 10/2/2017 inspection by Developer Steve Champoux. SRR 4-6 are in place on the slopes.				
Sediment Basin 2	Sediment Basin	East side-Central	9/7/2016	Active	Yes
<b>Current Condition:</b>	<p>Fair Condition- 25% full- Basin and Anti-vortex device was installed prior to 10/2/2017 inspection by Developer Steve Champoux. SRR 7 &amp; 8 are in place on the slopes.</p> <p>Sediment Basin riser is undermined and repair is needed.</p> <p>Developer Steve Champoux was informed to complete by 10/9/2017. Not done as of the last inspection. Developer Steve Champoux was reminded on 10/10/2017, 10/20/2017, 11/21/2017.</p>				
Sediment Basin 3	Sediment Basin	East side	9/7/2016	Active	Yes
<b>Current Condition:</b>	<p>Poor Condition-SRR 10 &amp; 11 are in place on the slopes, although SRR 12 is missing. Basin has been dug prior to 10/2/2017.</p> <p>Sediment Basin needs to be installed per plan, including riser, anti-vortex device, outfall and rip rap per plan.</p> <p>Developer Steve Champoux was informed to complete by 10/9/2017. Not done as of the last inspection. Developer Steve Champoux was reminded on 10/10/2017, 10/20/2017, 11/21/2017.</p>				
Sediment Trap 1	Sediment Trap	SW corner	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition-20% full- Trap was installed prior to 10/2/2017 inspection by Developer Steve Champoux. SRR 1 & 2 are in place on the slopes.				
Sediment Traps 2-8	Sediment Trap	Site	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- Sediment Traps 2-5 have been removed for development on the west side. ST 6-8 have been installed prior by Steve Champoux prior to the inspection on 10/2/2017. E&A will monitor area due to extensive vegetation.				
SRR-1-12	Slope Outlet Rip Rap	Site	9/7/2016	Active	No

<b>Current Condition:</b>	Good Condition- Rip rap 1,2, 4-8, 10-11 were installed prior to 10/2/2017 inspection. Rip rap 3, 9 and 12 are currently missing or need to be verified. E&A will continue to monitor.				
STR	Streets	Site	9/7/2016	Active	No
<b>Current Condition:</b>	Good Condition- Streets were scraped up and cleaned by Developer Steve Champoux prior to 10/19/2017.				
SWPPP Sign	Misc/Other	Blondo Parkway	10/9/2017	Active	No
<b>Current Condition:</b>	Good Condition- 2 SWPPP signs were installed by the entrances prior to 10/19/2017 by E&A.				
<b>Inspector Signature:</b>				<b>Reviewed By:</b>	