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 Environmental Services Dept. Manager

E&A- P2017.411.001

Inspector: Patrick Sechser		Stage
Project Name:	The Villas at Piney Creek OMA-20160711-03678 CSW-201600546	1
For Week Ending:	10/7/2017	
Project Location:	202nd Street and Blondo Parkway, Omaha, NE (Douglas County)	68022

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

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.18"			
Monday	0.83"	10/02/17	84/63 Tstorm	
Tuesday	0.04"			
Wednesday	0.00"			
Thursday	0.50"			
Friday	1.40"	10/6/2017	71/58 Tstorm	
Saturday	0.34"	10/7/2017	73/54 Rain	

Complaints:

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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 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).

SUMMARY QUESTIONS:
 Are approved entrances and adjacent streets being maintained adequately?
 No. See BMPs
 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:

Note: E&A Consulting Group, Inc. was hired on 9/29/2017 to conduct stormwater inspections by Steve Champoux of Real Growth LLC. E&A Consulting Group, Inc. then began SWPPP inspections on 10/2/2017 after several other companies had conducted inspections at the project.


Home construction is active on the west side of the project by Legacy Homes, and the eastern section of the site is inactive, heavily vegetated and idle. Prior to E&A Consulting Group, Inc. assuming inspections, both sections of the site have been seeded. The western section of the site's Right-of-Way was recently seeded as observed during the inspection.

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

1.) Some maintenance is required in the BMP section.
 2.) Inlet filters located on the west side (202nd Avenue, 202nd Street, Miami Circle and North 202nd Avenue) need to be either cleaned out or removed since a sediment basin is capturing stormwater. 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.
 3.) 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.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CD1-14	Wattles	Site	9/7/2016	Active	No
Current Condition:	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	
Current Condition:	Removed- Entrance was removed and paved prior to 10/2/2017 inspection.				
CE-2	Entrance	Blondo Parkway-East	9/7/2016	Active	No
Current Condition:	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	
Current Condition:	Removed- Washout pit was removed prior to 10/2/2017.				
CW-2	Concrete washout	East side of project	5/1/2018	Pending	No
Current Condition:	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
Current Condition:	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.				
Lot 33	Silt Fence	202nd Avenue	10/9/2017	Pending	Yes
Current Condition:	Pending- Dirt needs to be removed from ROW and 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.				
Lot 43	Silt Fence	Miami Circle	10/9/2017	Pending	Yes
Current Condition:	Pending- Dirt needs to be removed from ROW and 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.				
Lot 44	Silt Fence	Miami Circle	10/9/2017	Pending	Yes
Current Condition:	Pending- Dirt needs to be removed from ROW and 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.				
Lot 45	Silt Fence	Miami Circle	10/9/2017	Pending	Yes

Current Condition:	Pending-				
	Dirt needs to be removed from ROW and 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.				
RR-1-2	Stream Outlet Rip Rap	Drainage way	9/7/2016	Active	No
Current Condition:	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
Current Condition:	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
Current Condition:	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	Yes
Current Condition:	<p>Fair Condition- Silt Fence was installed prior to 10/2/2017 by Developer Steve Champoux.</p> <p>1.) Western silt fence #1 can be removed along the perimeter. 2.) Several pieces of silt fence need maintenance and reinstallation along Blondo Parkway, including by the entrance. 3.) Section of SF #2 needs reinstallation to the east of SB 1. 4.) Both sections of SF #2 and #3 need reinstallation to the east of lot 39. 5.) Silt fence needs to be entrenched to the north of 202nd Avenue on lot 8, Replat 1. 6.) Silt fence #4 by RR1 needs to be repaired due to undercutting SF.</p> <p>1.) 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. 2.) 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. 3.) 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. 4.) 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. 5.) 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. 6.) Developer Steve Champoux was informed to complete by 10/14/2017.</p>				
Silt Fence 5-10	Silt Fence	East side of project	9/7/2016	Active	Yes
Current Condition:	<p>Fair Condition- Silt Fence was installed prior to 10/2/2017 by Developer Steve Champoux.</p> <p>1.) Silt fence by CE-2 needs re-installation. 2.) Silt fence in the farthest SE corner needs repair (SF10).</p> <p>1.) 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. 2.) Developer Steve Champoux was informed to complete by 10/14/2017.</p>				
Sediment Basin 1	Sediment Basin	West side-entrance	9/7/2016	Active	No
Current Condition:	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
Current Condition:	<p>Fair Condition- 25% full- Basin and Anti-vortex device was installed prior to 10/2/2017 inspection by Developer Steve Champoux. SRR 7 & 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.</p>				
Sediment Basin 3	Sediment Basin	East side	9/7/2016	Active	Yes

Current Condition:	<p>Poor Condition-SRR 10 & 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.</p>				
Sediment Trap 1	Sediment Trap	SW corner	9/7/2016	Active	No
Current Condition:	<p>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.</p>				
Sediment Traps 2-8	Sediment Trap	Site	9/7/2016	Active	No
Current Condition:	<p>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.</p>				
SRR-1-12	Slope Outlet Rip Rap	Site	9/7/2016	Active	No
Current Condition:	<p>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.</p>				
STR	Streets	Site	9/7/2016	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>Street cleaning is needed off 202nd Street and 202nd Avenue, including in front of lots.</p> <p>Developer Steve Champoux and Legacy Homes were informed to complete by 10/3/2017. Not done as of the last inspection. Developer Steve Champoux was reminded on 10/10/2017.</p>				
SWPPP Sign	Misc/Other	Blondo Parkway	10/9/2017	Pending	Yes
Current Condition:	<p>Pending-</p> <p>SWPPP signs are needed off the two entrances.</p> <p>E&A Consulting Group, Inc. ordered and will install the signs by 10/9/2017. Not done as of the last inspection.</p>				
Inspector Signature:			Reviewed By:		