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E & A CONSULTING GROUP, INC.

Engineering Answers

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

E&A - P2019.327.000

Inspector: Jason Brackett				Stage
Project Name:	Springfield Pines			2
For Week Ending:	3/27/2021			68059
Project Location:	SW of 132nd Street and Platteview Road, Springfield, NE			
	Phase I			
Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	100%			
Seeding:	75%			
Utilities:	100%			
Overall Development:	70%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	
					Week 1
Sunday:	2.78"				
Monday:	0.11"	3/15/2021	Cloudy 43/39	2:50 PM	
Tuesday:	0.01"				
Wednesday:	0.00"				
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.00"				
					Week 2
Sunday:	0.00"				
Monday:	0.34"				
Tuesday:	0.83"				
Wednesday:	0.00"	3/24/2021	Cloudy 50/34	1:35 PM	
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.00"				
					Week 3
Sunday:	N/A				
Monday:	N/A				
Tuesday:	N/A				
Wednesday:	N/A				
Thursday:	N/A				
Friday:	N/A				
Saturday:	N/A				

Complaints: None

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 in Phase I was completed prior to E&A being hired to conduct SWPPP inspections (1/3/20).
 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 in Phase I was completed prior to E&A being hired to conduct SWPPP inspections (1/3/20).
 What temporary or permanent stabilization measures listed in this section are being implemented?
 Site was seeded prior to E&A being hired to conduct SWPPP inspections (1/3/20). Portion of ground to the southeast of SB 4 seeded and matted (5/11/20).

Checklist Questions:
 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
 Create Corrective Action?
 N/A

Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed to prevent erosion.

No

Create Corrective Action?

No, see Findings section.

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

No

Create Corrective Action?

No, see Findings section.

Are construction entrances and adjacent streets being maintained adequately?

No

Create Corrective Action?

No, see BMPs section.

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

Yes

Create Corrective Action?

N/A

Comments:

Comments: Site was active for homebuilding during the most recent inspection. Due to snow-covered conditions, not all BMPs could be observed during the most recent inspection.

The School Site was graded prior to the 9/23/20 inspection. The School Site is not covered by the Springfield Pines permit (SPR-20200728-5543-GP1).

Findings / Corrective Actions (Date):


Findings / Corrective Actions (Date):

- 1) Some maintenance is required in the BMP section of this report.
- 2) Vacant-disturbed lots need to be stabilized.
 - A. Overgraded lots during homebuilding construction need to be stabilized. All builders were informed to complete by 1/17/20 when weather allows and as-needed. Not done as of the last inspection. All builders were reminded on 9/24/20.
- 3) The drainage in the area of SF 2 should be restabilized where disturbed. Gene Graves was informed to complete by 3/8/2021. **Sudbeck completed the work prior to the 3/15/21 inspection.**
- 4) Trash should be picked up along the drainage in the area of SF 2 and in SB 2 and SB 3. Gene Graves was informed to complete by 3/8/2021. **Not done as of the last inspection.**

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
AI 1	Area Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Active - Area inlet was installed prior to the 1/3/20 inspection. The surrounding area is vegetated and the inlet drains to SB 1; no inlet protection will be recommended at this time.				
AI 2	Area Inlet Protection	See SWPPP	1/3/2020	Active	No
Current Condition:	Active - Area inlet with dome grate was installed prior to the 1/3/20 inspection. The surrounding area was seeded and matted and the inlet drains to SB 2; no inlet protection will be recommended at this time.				
AI 3	Area Inlet Protection	See SWPPP	3/9/2020	Active	No
Current Condition:	Active - Area inlet with dome grate was installed prior to the 3/9/20 inspections. Commercial Seeding removed the remaining silt fence/T-posts around the inlet prior to the 4/27/20 inspection.				
AI 4	Area Inlet Protection	See SWPPP	3/9/2020	Active	No
Current Condition:	Active - Area inlet with dome grate was installed prior to the 3/9/20 inspection. The surrounding area was seeded and matted and the inlet drains to SB 2; no inlet protection will be recommended at this time.				
CW 1	Concrete Washout	Lot 81 Replat 1	1/3/2020	Active	No
Current Condition:	Good Condition - A lot level concrete washout was installed on Lot 81 Replat 1 prior to the 1/3/20 inspection. Gene Graves cleaned out the concrete washout prior to the inspection on 5/11/20, the berm recommendation is no longer needed. Gene Graves added rock to the concrete washout approach prior to the 6/1/20 inspection. Gene Graves cleaned out the concrete washout prior to the 11/4/20 inspection.				
IP 1	Inlet Protection	See SWPPP		Removed	
Current Condition:	Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 2	Inlet Protection	See SWPPP		Removed	
Current Condition:	Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 3	Inlet Protection	See SWPPP		Removed	
Current Condition:	Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 4	Inlet Protection	See SWPPP		Removed	
Current Condition:	Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 5	Inlet Protection	See SWPPP		Removed	
Current Condition:	Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended.				
IP 6	Inlet Protection	See SWPPP		Removed	
Current Condition:	Removed - Commercial Seeding removed the inlet filter prior to the 4/27/20 inspection. Inlet drains to a basin, reinstallation is not recommended.				

Lot 9 Replat 1	Individual Lot	Lot 9 Replat 1		Removed	
Current Condition:	Removed - Urban Spark sodded the lot prior to the 7/1/20 inspection.				
Lot 17 Replat 1	Individual Lot	Lot 17 Replat 1		Removed	
Current Condition:	Removed - Carlson Custom Homes sodded the lot prior to the 6/10/20 inspection.				
Lot 18 Replat 1	Individual Lot	Lot 18 Replat 1		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the inspection on 5/11/20.				
Lot 21 Replat 1	Individual Lot	Lot 21 Replat 1		Removed	
Current Condition:	Removed - McCaul Contracting sodded the lot prior to the 6/10/20 inspection.				
Lot 24 Replat 1	Individual Lot	Lot 24 Replat 1		Removed	
Current Condition:	Removed - Carlson Custom Homes sodded the lot prior to the 7/8/20 inspection.				
Lot 27 Replat 1	Individual Lot	Lot 27 Replat 1		Removed	
Current Condition:	Removed - Urban Spark sodded the lot prior to the 12/8/20 inspection.				
Lot 34 Replat 1	Individual Lot	Lot 34 Replat 1	8/26/2020	Pending	Yes
Current Condition:	<p>Pending - Sundown Homes began excavation of the lot prior to the 8/26/20 inspection. Sundown Homes moved the dirt piles back from the ROW prior to the 9/23/20 inspection.</p> <p>Silt fence needs to be installed in the rear of the lot.</p> <p>Sundown Homes was informed to complete by 9/30/20. Not done as of the last inspection. Sundown Homes was reminded on 3/2/2021.</p>				
Lot 53 Replat 1	Individual Lot	Lot 53 Replat 1	1/4/2021	Pending	Yes
Current Condition:	<p>Pending - Hubbell Homes began construction on the lot prior to the 1/4/2021 inspection.</p> <p>1.) Wattles should be installed along the east side of the lot where possible. 2.) The street needs to be cleaned daily.</p> <p>1.) Hubbell Homes was informed to complete by 3/8/2021. Not done as of the last inspection. 2.) Hubbell Homes was informed to complete by 3/2/2021. Not done as of the last inspection.</p>				
Lot 55 Replat 1	Individual Lot	Lot 55 Replat 1	5/11/2020	Active	No
Current Condition:	Good Condition - Gene Graves installed silt fence on the side of the lot when construction begins.				
Lot 56 Replat 1	Individual Lot	Lot 56 Replat 1		Removed	
Current Condition:	Removed - Jeck & Company sodded the lot prior to the 7/15/20 inspection.				
Lot 60 Replat 1	Individual Lot	Lot 60 Replat 1		Removed	
Current Condition:	Removed - Urban Spark sodded the lot prior to the 4/20/20 inspection.				
Lot 62 Replat 1	Individual Lot	Lot 62 Replat 1		Removed	
Current Condition:	Removed - Pacesetter sodded the lot prior to the 9/23/20 inspection.				
Lot 67 Replat 1	Individual Lot	Lot 67 Replat 1	1/4/2021	Pending	Yes
Current Condition:	<p>Pending - Proline Custom Homes began construction on the lot prior to the 1/4/2021 inspection.</p> <p>1.) Wattles should be installed along the east side of the lot where possible. 2.) The street needs to be cleaned daily.</p> <p>1.) Proline Homes was informed to complete by 3/8/2021. Not done as of the last inspection. 2.) Proline Homes was informed to complete by 3/2/2021. Not done as of the last inspection.</p>				
Lot 69 Replat 1	Individual Lot	Lot 69 Replat 1	9/23/2020	Pending	Yes
Current Condition:	<p>Pending - Fools Inc began construction on the lot prior to the 9/23/20 inspection. Fools Inc removed the portable toilet prior to the 3/1/2021 inspection.</p> <p>1.) Wattles should be installed along the east side of the lot where possible. 2.) The street needs to be cleaned daily.</p> <p>1.) Fools Inc was informed to complete by 3/8/2021. Not done as of the last inspection. 2.) Fools Inc was informed to complete by 3/2/2021. Not done as of the last inspection.</p>				
Lot 70 Replat 1	Individual Lot	Lot 70 Replat 1	9/9/2020	Pending	Yes
Current Condition:	<p>Pending - Urban Spark began construction on the lot prior to the 9/9/20 inspection.</p> <p>1.) Silt fence needs to be installed on the north and west sides of the lot to protect the basin and in the southwest corner. 2.) Wattles should be installed along the east side of the lot where possible. 3.) The street needs to be cleaned daily.</p> <p>1.) Urban Spark was informed to complete by 9/30/20. Not done as of the last inspection. Urban Spark was reminded on 3/2/2021. 2.) Urban Spark was informed to complete by 3/8/2021. Not done as of the last inspection. 3.) Urban Spark was informed to complete by 3/2/2021. Not done as of the last inspection.</p>				
Lot 74 Replat 1	Individual Lot	Lot 74 Replat 1	11/4/2020	Pending	Yes
Current Condition:	<p>Pending - Sundown Homes began excavation of the lot prior to the 10/21/20 inspection.</p> <p>1.) Silt fence should be installed in the rear corner of the lot to protect the adjacent sodded lot. 2.) The street needs to be cleaned.</p> <p>1.) Sundown Homes was informed to complete by 3/8/2021. Not done as of the last inspection. 2.) Sundown Homes was informed to complete by 3/2/2021. Not done as of the last inspection.</p>				

Lot 75 Replat 1	Individual Lot	Lot 75 Replat 1	10/21/2020	Active	No
Current Condition:	Active - Jeck and Company began excavation of the lot prior to the 10/21/20 inspection. The lot is relatively flat, the inspector will monitor the need for BMPs. Jeck and Company staked down a portable toilet on the lot prior to the 3/1/2021 inspection.				
Lot 76 Replat 1	Individual Lot	Lot 76 Replat 1		Removed	
Current Condition:	Removed - Proline sodded the lot prior to the 11/24/20 inspection.				
Lot 77 Replat 1	Individual Lot	Lot 77 Replat 1		Removed	
Current Condition:	Removed - Sundown Homes sodded the lot prior to the 9/9/20 inspection.				
Lot 83 Replat 1	Individual Lot	Lot 83 Replat 1		Removed	
Current Condition:	Removed - Pacesetter sodded the lot prior to the 10/7/20 inspection.				
Lot 84 Replat 1	Individual Lot	Lot 84 Replat 1	10/7/2020	Active	No
Current Condition:	Good Condition - Pacesetter Homes began excavation of the lot prior to the 10/7/20 inspection. Pacesetter Homes installed silt fence along the side of the lot prior to the 11/4/20 inspection. Pacesetter Homes replaced the silt fence in the front corner of the lot with wattles prior to the 3/15/21 inspection.				
Lot 85 Replat 1	Individual Lot	Lot 85 Replat 1		Removed	
Current Condition:	Removed - Urban Spark sodded the lot prior to the 8/26/20 inspection.				
Lot 87 Replat 1	Individual Lot	Lot 87 Replat 1		Removed	
Current Condition:	Removed - Sundown Homes sodded the lot prior to the 10/7/20 inspection.				
Lot 95 Replat 1	Individual Lot	Lot 95 Replat 1	9/23/2020	Pending	Yes
Current Condition:	<p>Pending - Nelson Builders began construction on the lot prior to the 9/23/20 inspection. Nelson staked down a portable toilet on the lot prior to the 3/1/2021 inspection.</p> <p>Silt fence needs to be installed in the rear of the lot to protect the drainage, along the south side of the lot, and in the front corner of the lot.</p> <p>Nelson was informed to complete by 9/30/20. Not done as of the last inspection. Nelson was reminded on 3/2/2021.</p>				
Lot 107 Replat 1	Individual Lot	Lot 107 Replat 1		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the inspection on 5/11/20.				
Lot 109 Replat 1	Individual Lot	Lot 109 Replat 1		Removed	
Current Condition:	Removed - Landmark sodded the lot prior to the 11/24/20 inspection.				
Lot 110 Replat 1	Individual Lot	Lot 110 Replat 1	1/18/2021	Active	Yes
Current Condition:	<p>Fair Condition - Fools Inc began construction on the lot prior to the 1/18/21 inspection. Fools Inc removed the dirt piles from the ROW and installed silt fence in the rear of the lot.</p> <p>1.) The silt fence along the side of the lot needs to be cleaned out/repaired. 2.) Silt fence or wattles need to be installed in the south front corner of the lot to protect the inlet. 3.) The street needs to be cleaned.</p> <p>1.) Fools Inc was informed to complete by 3/8/2021. Not done as of the last inspection. 2.) Fools Inc was informed to complete by 3/8/2021. Not done as of the last inspection. 3.) Fools Inc was informed to complete by 3/2/2021. Not done as of the last inspection.</p>				
Lot 111 Replat 1	Individual Lot	Lot 111 Replat 1		Removed	
Current Condition:	Removed - McCaul sodded the lot prior to the 11/24/20 inspection.				
Lot 121 Replat 1	Individual Lot	Lot 121 Replat 1		Removed	
Current Condition:	Removed - McCaul Contracting sodded the lot prior to the inspection on 5/11/20.				
Lot 122 Replat 1	Individual Lot	Lot 122 Replat 1		Removed	
Current Condition:	Removed - D&E mostly sodded the lot prior to the 9/23/20 inspection, stabilization of the remaining area in the rear of the lot is recommended in the findings section.				
Lot 123 Replat 1	Individual Lot	Lot 123 Replat 1		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the 5/11/20 inspection.				
Lot 124 Replat 1	Individual Lot	Lot 124 Replat 1		Removed	
Current Condition:	Removed - D&E mostly sodded the lot prior to the 9/23/20 inspection, stabilization of the remaining area in the rear of the lot is recommended in the findings section.				
Lot 125 Replat 1	Individual Lot	Lot 125 Replat 1		Removed	
Current Condition:	Removed - McCaul Contracting sodded the lot prior to the 7/29/20 inspection.				
SB 1	Sediment Basin	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - 4% filled - The basin was installed prior to the 1/3/20 inspection with a permanent riser. Commercial Seeding plugged the bottom 4 holes in the orifice plate prior to the 4/27/20 inspection.				
SB 2	Sediment Basin	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - 27% filled - The basin was installed prior to the 1/3/20 inspection with a permanent riser. Commercial Seeding plugged the bottom 2 rows of holes in the orifice plate prior to the 4/27/20 inspection.				
SB 3	Sediment Basin	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - 32% filled - The basin was installed prior to the 1/3/20 inspection with a permanent riser. Commercial Seeding plugged the bottom 4 holes in the orifice plate prior to the 4/27/20 inspection.				
SB 4	Sediment Basin	See SWPPP	1/3/2020	Active	No
Current Condition:	Good Condition - 22% filled - The basin was installed prior to the 1/3/20 inspection with a temporary riser. Commercial Seeding plugged the lowest dewatering hole and backfilled the erosion prior to the 4/27/20 inspection. Commercial seeding seeded and matted the erosion at the inlet pipe and installed a straw wattle at the stub road prior to the inspection on 5/11/20. All future recommendation of maintenance for the wattle will be included with SB 4.				
SF 1	Silt fence	See SWPPP		Removed	
Current Condition:	Removed - Commercial Seeding removed the silt fence prior to the 4/27/20 inspection.				
SF 2	Silt fence	See SWPPP	1/3/2020	Active	No

Current Condition:	Good Condition - Silt fence was installed behind Lots 97-102 Replat 1 prior to the 1/3/20 inspection. Commercial Seeding trenched in/reinstalled/repared the silt fence prior to the 4/27/20 inspection. Sudbeck removed the damaged silt fence and installed wattles in disturbed areas prior to the 3/15/21 inspection.				
SF 3	Silt fence	See SWPPP		Removed	
Current Condition:	Removed - Silt fence was removed in preparation for active construction prior to the 5/18/20 inspection.				
SF 4	Silt fence	Springfield Trail	7/8/2020	Active	No
Current Condition:	Good Condition - Dostals Construction installed wattles along the trails prior to the 7/15/20 inspection, the wattles appear adequate, the inspector will monitor for the need for silt fence. Dostals moved some of the wattles in order to fine grade the area prior to the 8/12/20 inspection, the inspector will recommend reinstallation when grading is complete. Dostals reinstalled the wattles prior to the 8/26/20 inspection. Minor damage to the wattles was observed during the 1/4/2021 inspection due to snow removal activities, repair or removal will be recommended in the Spring. Damaged wattles are considered a part of permanent stabilization of the areas as of the 3/1/2021 inspection.				
W1	Straw Wattle	SB 4 Stub Road		Removed	
Current Condition:	Removed - Tim Geis cleaned the street and removed the wattle prior to the 7/15/20 inspection, reinstallation is not necessary.				
STR	Streets	Internal/S 132nd and Main Street	1/3/2020	Active	Yes
Current Condition:	Fair Condition - Lot level street cleaning is needed. All builders were informed to complete by 11/11/20. Not done as of the last inspection. All builders were reminded on 3/2/2021.				
SWPPP Signs	Misc/Other	S 132nd Street and Man Street	1/27/2020	Active	No
Current Condition:	Good Condition - E&A inspector installed SWPPP signs at the intersection of Main Street and N 10th Ave and S 132nd Street and Hazel Lane during the 1/27/20 inspection.				
Inspector Signature:				Reviewed By:	