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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:	9/26/2020			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:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"				
Thursday:	0.00"				
Friday:	0.00"				
Saturday:	0.00"				
					Week 2
Sunday:	0.00"				
Monday:	0.00"				
Tuesday:	0.00"				
Wednesday:	0.00"	9/23/2020	Mostly Sunny 82/59	9:45 AM	
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 BMPs 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.

The School Site was graded prior to the 9/23/20 inspection. The School Site is not covered by the Springfield Pines permit.


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. Lot 69 R1, 87 R1, 1R2, 2R2, and 18 needs to be stabilized. Gene Graves was informed to complete by 1/17/20 when weather allows. Not done as of the last inspection. Gene Graves was reminded on 3/11/20. Recommendations for stabilization will be made to individual builders as of the 6/10/20 inspection.
 B. 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 trail is complete and needs to be stabilized when conditions allow. Gene Graves was informed on 7/2/20; the inspector has inquired who is responsible for the stabilization and when it will occur, in the meantime see SF 4 for current BMP recommendations. Dostals is responsible for stabilizing the trail. Dostals seeded and mulched/matted the trail prior to the 8/26/20 inspection, the inspector will monitor growth.

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	Yes
Current Condition:	<p>Fair 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.</p> <p>The concrete washout is full and needs to be cleaned out.</p> <p>Gene Graves was informed to complete by 9/30/20.</p>				
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	

Lot 1 Replat 4	Individual Lot	Lot 1 Replat 4		Removed	
Current Condition:	Removed - Charleston Homes sodded the lot prior to the 4/27/20 inspection.				
Lot 2 Replat 3	Individual Lot	Lot 2 Replat 3	3/9/2020	Active	No
Current Condition:	Active - Proline Homes began construction on the lot prior to the 3/9/20 inspection. Proline Homes removed the dirt piles from the ROW prior to the 3/23/20 inspection. Proline Homes installed silt fence along the front of the lot prior to the 6/10/20 inspection. Proline Homes removed the silt fence prior to the 7/29/20 inspection; due to the installation of the sidewalk, BMPs are not necessary at this time. Proline Homes cleaned the street prior to the 9/23/20 inspection.				
Lot 2 Replat 2	Individual Lot	Lot 2 Replat 2	8/12/2020	Active	Yes
Current Condition:	<p>Fair Condition - Charleston Homes began construction on the lot prior to the 8/12/20 inspection. Charleston Homes installed silt fence along the south side of the lot prior to the 8/12/20 inspection. Charleston Homes removed the dirt piles prior to the 9/9/20 inspection. Charleston Homes staked down a portable toilet across the street back from the ROW prior to the 9/23/20 inspection.</p> <p>The silt fence along the side of the lot needs to be repaired and partially hooked along the front of the lot.</p> <p>Charleston Homes was informed to complete by 9/30/20.</p>				
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	9/9/2020	Active	No
Current Condition:	Active - Urban Spark began construction on the lot prior to the 9/9/20 inspection. Urban Spark removed the dirt piles from the ROW prior to the 9/23/20 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.</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 prior to the inspection on 5/11/20. Future silt fence maintenance will be sent to the builder 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 69 Replat 1	Individual Lot	Lot 69 Replat 1	9/23/2020	Active	No
Current Condition:	Active - Fools Inc began construction on the lot prior to the 9/23/20 inspection. A dirt pile was observed in the ROW during the 9/23/20 inspection, the inspector will monitor for removal and the installation of BMPs.				
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. Urban Spark removed the dirt piles from the ROW prior to the 9/23/20 inspection.</p> <p>Silt fence needs to be installed on the north and west sides of the lot to protect the basin and in the southwest corner.</p> <p>Urban Spark was informed to complete by 9/30/20.</p>				
Lot 76 Replat 1	Individual Lot	Lot 76 Replat 1	5/25/2020	Pending	Yes
Current Condition:	<p>Pending - Proline Custom Homes began excavation on the lot prior to the 5/25/20 inspection.</p> <p>Sediment is discharging from the front of the lot to the street, wattles need to be installed.</p> <p>Proline was informed to complete by 7/8/20. Not done as of the last inspection. Proline was reminded on 9/24/20.</p>				
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	5/18/2020	Pending	Yes
Current Condition:	<p>Pending - Pacesetter Homes began excavation of the lot prior to the 5/18/20 inspection.</p> <p>Silt fence needs to be installed along the south side of the lot and in the southwest corner where possible.</p> <p>Pacesetter Homes was informed to complete by 6/17/20. Not done as of the last inspection. Pacesetter Homes was reminded on 9/24/20.</p>				
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	5/25/2020	Active	Yes
Current Condition:	Fair Condition - Sundown Homes began excavation on the lot prior to the 5/25/20 inspection. Sundown Homes installed silt fence along the south side of the lot prior to the 6/19/20 inspection. 1.) Silt fence needs to be trenched in. 2.) Silt fence needs to be installed in the front corner of the lot. 1.) Sundown Homes was informed to complete by 6/17/20. Not done as of the last inspection. Sundown was reminded on 7/2/20. 2.) Sundown Homes was informed to complete by 7/8/20. Not done as of the last inspection.				
Lot 95 Replat 1	Individual Lot	Lot 95 Replat 1	9/23/2020	Pending	Yes
Current Condition:	Pending - Nelson Builders began construction on the lot prior to the 9/23/20 inspection. A dirt pile was observed in the ROW during the 9/23/20 inspection, the inspector will monitor for removal and the installation of BMPs. Silt fence needs to be installed in the rear of the lot to protect the drainage. Nelson was informed to complete by 9/30/20.				
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	7/15/2020	Active	No
Current Condition:	Good Condition - Landmark Homes began excavation of the lot prior to the 7/15/20 inspection. Landmark Homes removed the dirt piles from the ROW and installed silt fence in the rear and southwest corner of the lot prior to the 7/29/20 inspection.				
Lot 111 Replat 1	Individual Lot	Lot 111 Replat 1	6/1/2020	Pending	Yes
Current Condition:	Pending - McCaul began construction prior to the 6/1/20 inspection. 1.) The street needs to be cleaned in front of the lot. 2.) Wattles need to be installed along the curb line to protect the inlet. 1.) McCaul was informed to complete by 7/30/20. Not done as of the last inspection. McCaul was reminded on 9/24/20. 2.) McCaul was informed to complete by 8/4/20. Not done as of the last inspection. McCaul was reminded on 9/24/20.				
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 - 1% 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 - 16% 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 - 16% 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 - 16% 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. Minor undermining was observed during the 7/1/20 inspection, the inspector will monitor, no maintenance is necessary at this time.				
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.				
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 9/24/20.				
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:	