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E & A CONSULTING GROUP, INC.

Engineering Answers

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

E&A- P2014.577.001

Inspector: Matt Vanicek		Stage
Project Name:	Shelby High School NER115160	2
For Week Ending:	12/24/2016	
Project Location:	Walnut St. and Washington St, Shelby, NE (Polk County)	68662

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	90%			
Seeding:	50%			
Utilities:	100%			
Overall Development:	70%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				Week 1
Sunday:	0.00"			
Monday	0.00"	12/12/16	44/5 Sunny	
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"			
Thursday	0.00"			
Friday	0.03"			
Saturday	0.00"			
				Week 3
Sunday:	N/A	N/A		
Monday	N/A	N/A		
Tuesday	N/A	N/A		
Wednesday	N/A	N/A		
Thursday	N/A	N/A		
Friday	N/A	N/A		
Saturday	N/A	N/A		

Complaints:	None
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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 is active (6/11/15) Phase 1 was complete prior to the 7/18/15 inspection. The grading of Phase 2 started prior to the 11/3/15 inspection. Grading of Phase 2 has been completed. Minor grading will be completed at a later date(3/7/16)
 BD Construction completed grading the parking lot (8/1/16)

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 is active (6/11/15) Phase 1 was complete prior to the 7/18/15 inspection. The grading of Phase 2 started prior to the 11/3/15 inspection. Grading of Phase 2 has been completed. Minor grading will be completed at a later date(3/7/16)
 BD Construction completed grading the parking lot (8/1/16)

What temporary or permanent stabilization measures listed in this section are being implemented?
 Existing Vegetation. The area West of the football field and track were seeded or sodded(11/3/15).

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:
Construction of the school building is active as of the last inspection. A17 & A18 were inaccessible due to construction activities in the area during the last inspection. The parking area near the job trailer had gravel added to it prior to the 12/12/16 inspection.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):
1) See BMP section for required maintenance.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
A1	Silt Fence	Southwest of Football Field		Removed	
Current Condition:	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
A2	Silt Fence	South of Football Field		Removed	
Current Condition:	Removed - The silt fence was removed due to paving in the area as of the 9/15/15 inspection.				
A3	Silt Fence	East of Football Field		Removed	
Current Condition:	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
A4	Silt Fence	Northwest of Football Field		Removed	
Current Condition:	Removed - The silt fence is no longer needed due to paving in the area as of the 9/15/15 inspection.				
A5	Silt Fence	West of Football Field		Removed	
Current Condition:	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
A10	Silt Fence	Southeast side of site		Removed	
Current Condition:	Removed - BD Construction removed the silt fence prior to the 10/18/16 inspection. The inspector will monitor the area to determine if the silt fence needs to be reinstalled.				
A11	Silt Fence	South side of site	11/3/2015	Active	Yes
Current Condition:	<p>Poor Condition</p> <p>Due to the vegetated buff strip around the site and the site being flat the silt fence can be removed.</p> <p>BD Construction was informed to complete by 7/27/16. Not done as of last inspection. BD was reminded on 9/20/16, 10/19/16, 12/13/16.</p>				
A12	Silt Fence	Southwest corner of site	11/3/2015	Active	Yes
Current Condition:	<p>Poor Condition</p> <p>Due to the vegetated buff strip around the site and the site being flat the silt fence can be removed.</p> <p>BD Construction was informed to complete by 7/27/16. Not done as of last inspection. BD was reminded on 9/20/16, 10/19/16, 12/13/16.</p>				
A13	Silt Fence	Southwest corner of site	11/3/2015	Active	Yes
Current Condition:	<p>Poor Condition</p> <p>Due to the vegetated buff strip around the site and the site being flat the silt fence can be removed.</p> <p>BD Construction was informed to complete by 7/27/16. Not done as of last inspection. BD was reminded on 9/20/16, 10/19/16, 12/13/16.</p>				
A17	Inlet filter	South of existing building	3/21/2016	Active	No
Current Condition:	Good Condition - BD Construction installed the inlets prior to the 3/21/16 inspection. The inlets are above grade so no BMP protection is needed at this time.				
A18	Inlet filter	South of existing building	3/21/2016	Active	Yes
Current Condition:	<p>Fair Condition</p> <p>The silt fence is undermined and needs to be backfilled.</p> <p>BD Construction was informed to complete by 6/2/16. Not done as of last inspection. BD Construction was reminded on 7/20/16, 9/20/16, 10/19/16, 12/13/16.</p>				
A19	Inlet filter	Between building on north side of the site		Removed	
Current Condition:	Pending - Then inlet was removed prior to inspection on 11/14/16.				

A20	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
Current Condition:	Good Condition - BD Construction installed the inlets prior to the 3/7/16 inspection. The inlet is above grade so no BMP protection is needed at this time.				
A21	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
Current Condition:	Good Condition - The inlet is at grade as of the 3/21/16 inspection. The inlet is above grade so no BMP protection is needed at this time.				
B	Construction Entrance	Southwest of Football Field		Removed	
Current Condition:	Removed - This entrance is now a permanent entrance for school maintenance crews as of the 1/27/16 inspection.				
B 2	Construction Entrance	South side of existing parking lot	11/3/2015	Active	Yes
Current Condition:	Fair Condition - 45% effective. Rock needs to be added to the entrance. BD Construction was informed to complete by 10/25/16. Not done as of last inspection. BD Construction was remined on 12/13/16.				
B 3	Construction Entrance	Southeast side of site	11/3/2015	Active	Yes
Current Condition:	Fair Condition - 45% effective. Rock needs to be added to the entrance. BD Construction was informed to complete by 10/25/16. Not done as of last inspection. BD Construction was remined on 12/13/16.				
C1	Inlet Protection	Southeast of Football Field		Removed	
Current Condition:	Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection.				
C2	Inlet Protection	Northeast of Football Field		Removed	
Current Condition:	Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection.				
C3	Inlet Protection	Northwest of Football Field		Removed	
Current Condition:	Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection.				
C7	Bale Check	East property line	12/19/2016	Pending	Yes
Current Condition:	Pending The bale check needs to be reinstalled in the drainage ditch. BD Construction was informed to complete by 12/19/16.				
CW	Concrete Washout	On Site	4/1/2017	Pending	No
Current Condition:	Pending - The concrete will not be needed until paving starts again in the spring of 2017.				
STR	Streets	On site	In Place	Active	No
Current Condition:	Good Condition - No major signs of track off.				
SWPPP Sign	SWPPP Sign	Southwest of Football Field	7/1/2015	Active	No
Current Condition:	Good Condition - The inspector installed the SWPPP sign on 7/1/15.				
Wattle Check 1	Straw Wattle	Southeast Corners of site	6/11/2015	Active	No
Current Condition:	Good Condition - BD Construction installed the wattle prior to the 6/11/15 inspection.				
Wattle Check 2	Straw Wattle	North west corner of site	11/18/2015	Active	Yes
Current Condition:	Fair Condition The wattle is not needed anymore and needs to be removed. BD Construction was informed to complete by 4/27/16. Not done as of last inspection. BD Construction was reminded on 5/27/16, 7/20/16, 9/20/16, 10/19/16, 12/13/16.				
Wattle Check 3	Straw Wattle	West of entrance B3	6/11/2015	Active	No
Current Condition:	Good Condition - BD Construction installed the wattle prior to the 6/11/15 inspection.				
Inspector Signature:				Reviewed By:	