E & A Consulting Group, Inc. 10909 Mill Valley Road, Suite 100 Omaha, NE 68154 tel 402.895.4700 fax 402.895.3599 www.eacg.com



Zachary A. Jilek, CPESC, CISEC Environmental Services Dept. Manager **Engineering Answers**

E&A - P2017.483.001 Bill SID as of 10/27/20 P2017.483.000

	<u>-</u>	on SID as of 10/2	7/20 P2017.483.000				
Inspector: Bryce Wright	or: Bryce Wright						
		Win	dsor East		Stage		
	SAR-20191014-5177-GP1						
Project Name:		CSW-201904190					
For Week Ending:		9	/9/2023		68136		
Project Location:		180th & Giles Roa	ad (NE), Sarpy County, NE				
Grading:	90%						
Sanitary Sewer:	90%						
Storm Sewer:	90%						
Paving:	95%						
Seeding:	50%						
Utilities:	85%)					
Overall Development:	35%						
		1		<u> </u>			
RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	Time	Storm event time		
					Week '		
Sunday:	0.00"						
Monday:	0.00"						
Tuesday:	0.01"						
Wednesday:	0.00"	9/6/2023	Sunny 80	11:55 AM			
Thursday:	0.00"						
Friday:	0.00"						
Saturday:	0.00"						
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?

Rough grading began in the eastern portion of the site (4/27/20). Grading began over all portions of the site (7/13/20). Grading on site has ceased due to winter conditions (2/9/21). Paving began all portions of site (4/15/21). Paving completed (6/2/21). Grading and excavation on large western slope (6/24/21). Utility installation began (9/14/21). Home excavation began across entire site (12/28/21).

Vhich portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?

Rough grading began in the eastern portion of the site (4/27/20). Grading began over all portions of the site (7/13/20). Grading on site has ceased due to winter conditions (2/9/21). Paving began all portions of site (4/15/21). Paving completed (6/2/21). Grading and excavation on large western slope (6/24/21). Utility installation began (9/14/21). Home excavation began across entire site (12/28/21).

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

Existing vegetation (4/27/20). EM 1, 2, 3, and 4 installed (9/22/20). Western portion of GN 9 seeded/matted along Giles Road (9/22/20). Entire site was drill seeded (4/6/22).

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

reate 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.

Yes

Create Corrective Action?

N/A

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

No

reate Corrective Action?

No, See BMP section

Are construction entrances and adjacent streets being maintained adequately

Yes

Create Corrective Action?

N/A					
IN/A					
Is dust associated with the construc	ction activity adequately control	lled on the site?			
Yes					
Create Corrective Action?					•
N/A					
Comments:					
Comments:					
Site was active for home constr	•	nt inspection.			
Findings / Corrective Actions	(Date):				
Findings / Corrective Actions	(Date):				
1) Some maintenance is recom	mended in the BMP section	of this report.			
2) SF-1 for SAR-20200507-545	<mark>2-GP2 (Giles Road/180th S</mark>	street Improvements) was	s installed along the east side o	of EM 3 prior to the 8/2	/21 inspection. The SF
will not be included in this repor					its location within the
temporary road project. This is	also consistent with the silt	fence wraps installed at	K12 and the fuel tank at AA1	2.	
Unique Name	Type	Location	Projected Install Date	Status	Maintenance
CE 1	Construction Entrance	Giles Road (Q14)		Removed	
Current Condition:	Removed - Hawkins Construction paved the entrance prior to the inspection on 9/8/21.				
CE 2	Construction Entrance	Giles Road (BB14)		Removed	
Current Condition:	Removed - Hawkins Construction paved the entrance prior to the inspection on 9/8/21.				
D 1	Diversion	E of SB A		Removed	
Current Condition:	Removed - Due to home c	onstruction starting diver	sion is no longer necessary as	of 5/3/22.	•
D 2	Diversion	SE of SB A		Removed	
Current Condition:	Removed - Due to home of	onstruction starting diver	sion is no longer necessary as	of 5/3/22.	
D 3	Diversion	S of SB A		Removed	

Removed - Due to home construction starting diversion is no longer necessary as of 5/3/22.

9/22/2020

Removed

Removed

Removed

Removed

Active

Active

Removed

Removed

Removed

Removed

Removed

Active

Active

No

No

Good Condition - JC Excavation installed the eastern section of the diversion prior to the 9/22/20 inspection. The western section of the diversion does not appear necessary as of the 9/22/20 inspection, the inspector will continue to monitor. The diversion was partially removed as part of SAR-20200507-5452-GP2 for the 180th St. improvements. Hawkins repaired the slope and seeded and matted all disturbed areas prior to the inspection on 11/22/22. Reinstallation of the diversion under the

Removed - Due to the completion of primary civil development as of the 8/2/21 inspection, the diversion will not be installed.

Removed - Due to the completion of primary civil development as of the 8/2/21 inspection, the terrace will not be installed.

Removed - Due to home construction and the entire site being seeded the erosion control matting is no longer necessary.

Removed - Due to home construction and the entire site being seeded the erosion control matting is no longer necessary.

Good Condition - JC Excavation installed the matting prior to the 9/22/20 inspection. Kersten Construction removed a strip to install storm prior to the inspection on 6/15/21. Hawkins installed silt fence at the base of the hill where matting was removed prior to the inspection on 7/27/21 (see findings section). Hawkins repaired the slope and seeded and matted the slope prior to

9/22/2020

9/22/2020

5/17/2023

11/2/2022

Fair Condition - Commercial Seeding installed inlet protection on all interior street curb inlets prior to the inspection on 5/17/23.

W of SB A

East side of site

Good Condition - JC Excavation installed the matting prior to the 9/22/20 inspection

Removed - JC Removed the fuel tank from the site prior to the 10/28/20 inspection

Removed - Roloff removed the fuel tank from the site prior to the 11/4/20 inspection. Adjacent to CE 1

Removed - Swain construction removed the fuel tank prior to the inspection on 6/29/21

Removed - Swain construction removed the fuel tank prior to the inspection on 6/29/21. Interior streets curb

Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection.

On Site

On Site

western section of site

inlets

Lot 1

Inlet filters should be cleaned out in front of all active lots.

Removed - The erosion control matting does not appear to be necessary as of the 8/2/21 inspection

Diversion

Diversion

the inspection on 11/22/22.

Fuel Tank

Fuel Tank

Fuel Tank

Fuel Tank

Inlet Filter

Individual Lot

road way will not be recommended at this time.

Erosion Control Terrace See SWPPP Map

Erosion Control Matting | See SWPPP Map

Erosion Control Matting | See SWPPP Map

Erosion Control Matting See SWPPP Map

Erosion Control Matting See SWPPP Map

Erosion Control Matting See SWPPP Map

Current Condition:

Current Condition ET 1

Current Condition:

EM 1

EM 2

Current Condition EM 3

Current Condition:

EM 4

Current Condition:

EM 5

ent Condi FT 1

Current Condition:

Current Condition

FT3

Current Condition FT 4

Current Condition:

IF 1-19

Current Condition:

Lot 1

Current Condition:	Fair Condition - Legacy Homes began excavation on the lot on 11/2/22. Due to active excavation E&A inspector will monitor fo BMP installation. Legacy Homes cleaned up the concrete waste from the front of the lot and installed silt fence along the front of the lot prior to the inspection on 6/7/23.c Silt fence should be repaired along the front of the lot. Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection.							
Lot 2	Individual Lot	Lot 2	11/8/2022	Active	Yes			
Current Condition:	Fair Condition - Legacy Ho lot prior to the inspection o	•	on the lot on 11/8/22. Legacy H	lomes installed silt fend	ce along the front of the			
	Silt fence should be repaired along the front of the lot. Legacy Homes was informed to complete by 7/12/23. Not done as of the last inspection. Legacy Homes was reminded on							
	8/17/23	led to complete by 7/12/2	.s. Not done as of the last insp	ection. Legacy Homes	was reminded on			
Lot 4	Individual Lot	Lot 4	10/19/2022	Active	Yes			
Current Condition:		mes began excavation o			Iready installed behind			
	Fair Condition - Legacy Homes began excavation on the lot prior to the inspection on 10/19/22. SF 1 is already installed behind the lot. Legacy Homes removed the dirt piles from the ROW prior to the inspection on 11/22/22. Legacy Homes installed straw wattles along the front of the lot prior to the inspection on 6/7/23. Legacy Homes removed the straw wattles along the front of the lot prior to the inspection on 7/5/23. Silt fence or straw wattles should be reinstalled along the front of the lot.							
	Legacy Homes was inform 8/17/23	ed to complete by 7/12/2	23. Not done as of the last insp	ection.Legacy Homes	was reminded on			
l of F		l of E		Domoved				
Lot 5 Current Condition:	Individual Lot Removed - Legacy Homes	Lot 5	ne inspection on 8/0/22	Removed				
	5 ,		те ттареспотт оп о/а/23.	1	ı			
Lot 6	Individual Lot	Lot 6		Removed				
Current Condition:	Removed - Legacy Homes	s sodded the lot prior to the	ne inspection on 6/28/23.					
Lot 7	Individual Lot	Lot 7	10/19/2022	Active	Yes			
Current Condition:	Fair Condition - Legacy Ho	mes began excavation o	on the lot prior to the inspection	on 10/19/22. SF 1 is a	Iready installed behind			
	lot prior to the inspection of Silt fence or straw wattles	wattles along the front of the lot prior to the inspection on 6/7/23. Legacy Homes removed the straw wattles along the front of the lot prior to the inspection on 7/5/23. Silt fence or straw wattles should be reinstalled along the front of the lot. Legacy Homes was informed to complete by 7/12/23. Not done as of the last inspection. Legacy Homes was reminded on						
Lot 8	Individual Lot	Lot 8	I	Removed				
Current Condition:	Removed - Legacy Homes		e inspection on 7/26/23	Removed				
	• • •		le inspection on 7/20/23.	D	I			
Lot 9	Individual Lot Removed - Legacy Homes	Lot 9	:	Removed				
Current Condition: Lot 10	Individual Lot	Lot 10	4/26/2022	Active	No			
Current Condition:								
Current Condition.	the lot. Legacy Homes rem Homes installed silt fence straw wattles along the from	Good Condition - Legacy Homes began excavation on the lot prior to the inspection on 4/26/22. SF 1 is already installed behind the lot. Legacy Homes removed the dirt pile and concrete waste from the ROW prior to the inspection on 5/26/22. Legacy Homes installed silt fence along the front downhill corner of the lot prior to the inspection on 9/28/22. Legacy Homes installed straw wattles along the front of the lot prior to the inspection on 2/8/23. Legacy Homes reinstalled straw wattles along the front of the lot prior to the inspection on 6/7/23.						
Lot 11	Individual Lot	Lot 11	8/9/2023	Active	Yes			
Current Condition:			on the lot prior to the inspection					
	lot. A dirt pile was observed in the ROW during the inspection on 8/9/23. Legacy Homes removed the dirt pile from the ROW prior to the inspection on 9/6/23. Silt fence or straw wattles should be installed along the front of the lot. Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection.							
Lot 40-41	Individual Lot	Lot 40-41	4/12/2023	Active	Yes			
Current Condition:								
	Fair Condition - Legacy Homes began excavation on the lot on 4/12/23. A dirt pile was observed in the ROW. Legacy Homes removed the dirt pile from the ROW prior to the inspection on 5/17/23. Legacy Homes installed silt fence on the front of the lots prior to the 5/31/23 inspection. Legacy Homes installed silt fence along the rear of the lot prior to the inspection on 6/7/23. Silt fence should be repaired in the front and rear of the lot. Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection.							
			1	_	ı			
Lot 52 - 53	Individual Lot	Lot 52 - 53		Removed				
Current Condition:	Removed - Legacy Homes		ne inspection on 5/24/23.	D	I			
Lot 54 - 55	Individual Lot Removed - Legacy Homes	Lot 54 - 55	ne inspection on 5/24/22	Removed	L			
Current Condition: Lot 56 - 57	Individual Lot	Lot 56 - 57	е пъреспон он э/24/23.	Removed				
Current Condition:	Removed - Legacy Homes		Le inspection on 5/24/23	Lizellioved	<u> </u>			
Lot 58 - 59	Individual Lot	Lot 58 - 59	10 113pcottoff 0/1 0/24/20.	Removed				
Current Condition:	Removed - Legacy Homes		ne inspection on 5/24/23	1	1			
T. TOTA COMMISSION								

Lot 60 - 61	Individual Lot	Lot 60 - 61		Removed			
Current Condition:	Removed - Legacy Homes	sodded the lot prior to the	ne inspection on 5/24/23.				
Lot 62 - 63	Individual Lot	Lot 62 - 63		Removed			
Current Condition:	Removed - Legacy Homes	sodded the lot prior to the	ne inspection on 5/24/23.				
Lot 64 - 65	Individual Lot	Lot 64 - 65		Removed			
Current Condition:	Removed - Legacy Homes		ne inspection on 5/24/23.				
Lot 66 - 67	Individual Lot	Lot 66 - 67		Removed			
Current Condition:	Removed - Legacy Homes		ne inspection on 5/24/23.				
Lot 68 - 69	Individual Lot	Lot 68 - 69		Removed			
Current Condition:	Removed - Legacy Homes		the inspection on 9/28/22.		ı		
Lot 70 - 71	Individual Lot	Lot 70 - 71		Removed			
Current Condition:			the inspection on 11/17/22.	. <u> </u>			
Lot 72 - 73	Individual Lot	Lot 72 - 73		Removed			
Current Condition:	Removed - Legacy Homes		ne inspection on 5/24/23.		1		
Lot 74 - 75	Individual Lot	Lot 74 - 75		Removed			
Current Condition:	Removed - Legacy Homes		Te inspection on 5/24/23.	Damayad	I		
Lot 76 - 77	Individual Lot	Lot 76 - 77	:	Removed			
Current Condition:	Removed - Legacy Homes		Te inspection on 5/24/23.	Domovod			
Lot 78 - 79	Individual Lot	Lot 78 - 79	the inexection on 11/17/22	Removed			
Current Condition:		•	the inspection on 11/17/22.	Removed			
Lot 80 - 81 Current Condition:	Individual Lot	Lot 80 - 81	the inspection on 11/17/22.	Removed			
Lot 82 - 83	Individual Lot	Lot 82 - 83	line inspection on 11/17/22.	Removed			
	Removed - Legacy Homes		inspection on 11/8/22	Removed			
Current Condition: Lot 84 - 85	Individual Lot	Lot 84 - 85	le inspection on 11/6/22.	Removed			
Current Condition:	Removed - Legacy Homes		the inspection on 6/28/23	Removed			
	<u> </u>	·					
Lot 86 - 87	Individual Lot	Lot 86 - 87	2/8/2022	Active	No		
Current Condition:			on the lot prior to the inspection				
	I.	•	. Legacy Homes installed silt for d straw wattles along the curb				
Lot 88 - 89	Individual Lot	Lot 88 - 89	2/15/2022	Active	No		
Current Condition:			on the lot prior to the inspection				
	I.S.	•	e northeast corner of the lot pri	or to the inspection on	3/29/22. Legacy Homes		
	reinstalled straw wattles al	ong the curb prior to the	inspection on 6/7/23.				
Lot 90 - 91	Individual Lot	Lot 90 - 91	2/15/2022	Active	No		
Current Condition:		•	on the lot prior to the inspection				
	I.S.	•	e northeast corner of the lot pri	or to the inspection on	3/29/22. Legacy Homes		
	reinstalled straw wattles al	ong the curb prior to the	inspection on 6/7/23.				
Lot 92 - 93	Individual Lot	Lot 92 - 93	3/1/2022	Active	No		
Current Condition:			on the lot prior to the inspection				
	0 ,		e ROW prior to the 5/31/23 ins	pection. Legacy Home	s reinstalled straw		
	wattles along the curb prio	r to the inspection on 6/7	/23.				
Lot 118 - 119	Individual Lot	Lot 118 - 119	7/18/2022	Active	No		
Current Condition:	Active - Legacy Homes be	gan excavation on the lo	t prior to the inspection on 7/18	3/22. Due to vegetative	buffer along the back of		
	the lots no BMPs will be re	commended at this time	Legacy Homes removed the	dirt pile from the ROW	prior to the inspection		
	on 8/10/22. Legacy Homes installed silt fence along the front and rear corners of the lot prior to the inspection on 9/28/22.						
	Legacy Homes installed straw wattles along the front of the lot prior to the inspection on 2/8/23. Legacy Homes removed the silt						
	fence from along the street for paving prior to the inspection on 3/29/23. Legacy Homes sodded lot 118 prior to the inspection on						
		paving and vegetated buf	fer along the back of the lot BN	IPs are no longer reco	mmended as of the		
	inspection on 6/7/23.						
Lot 130 - 131	Individual Lot	Lot 130 - 131	10/13/2022	Active	No		
Current Condition:			ot prior to the inspection on 10/				
		recommended at this tin	ne. Legacy Homes removed th	e dirt piles from the RO	DW prior to the		
	inspection on 11/22/22.						
Lot 148	Individual Lot	Lot 148		Removed			
Current Condition:	Removed - Legacy Homes	sodded the lot prior to the	ne inspection on 5/24/23.		<u> </u>		
MS 1	Material Storage	On Site	·	Removed			
Current Condition:		evelopment is complete a	as of the 8/2/21 inspection. Ma		attributed to		
	SAR20200507-5452-GP2 and is not included in this report.						
PB X	Portable Bathroom	On Site	2/22/2022	Active	No		
Current Condition:			e toilet on site prior to the inspe		acy Homes secured the		
			acy Homes secured a second				
	1.	, ,	-				
	4/6/22. Legacy Homes sto	od up and secured the po	ortable toilet prior to the 7/13/2	2 inspection. Legacy H	omes secured both		
	4/6/22. Legacy Homes sto portable toilets on site prio			2 inspection. Legacy H	omes secured both		
SB A				2 inspection. Legacy H	omes secured both		

Current Condition:	baffle installed by JC Exca inspection. The E&A inspection. The E&A inspection observed at the basin outfaction out the basin prior 11/17/22. KDI Excavating in	vation prior to the 9/22/20 ector painted the cleanou all during the 3/31/21 insp r to the 11/2/22 inspectio removed the baffle during	lug out prior to the 6/10/20 insp 0 inspection. JC Excavation fit t mark on the riser during the bection. Damage to the baffle v n. KDI Excavating finished cle the cleanout. As of 11/17/22 but mark on the riser during the	nished installed the rise 11/4/20 inspection. Mir was observed on 6/2/21 aning out the basin prio the baffle will not be red	er prior to the 10/20/20 nor erosion was . KDI Excavating began r to the inspection on	
SF 1	Silt fence	S6-X7	5/6/2020	Active	Yes	
Current Condition:						
	Fair Condition - JC Excavation installed the silt fence prior to the 5/6/20 inspection. The SB A berm is built up adjacent to the drainage ditch as of the 6/19/20 inspection, extending the silt fence is no longer recommended. JC Excavation partially cleaned out, trenched in, and repaired the silt fence prior to the 7/6/20 inspection, further maintenance is recommended. JC Excavation cleaned out and repaired the silt fence at V7 prior to the 7/13/20 inspection. The silt fence was partially removed at T6 for utility work prior to the 9/22/20 inspection. JC Excavation patched some of the silt fence prior to the 10/9/20 inspection. All silt fence maintenance is being sent to Legacy Homes as of 2/1/22. Legacy Homes maintained the entire run of silt fence prior to the inspection on 6/7/23. Silt fence should be cleaned out in multiple locations and bare areas at the back of stabilized lots should be stabilized. Legacy Homes was informed to complete by 8/23/23. Not done as of the last inspection.					
SF 2	Silt fonce	D13 D7 14	Western adde of site	Active	No	
Current Condition:			Western edge of site fence prior to the inspection o and seeding and matting is con	n 8/30/23. Silt fence wa		
SF 3	Silt fence	CC9-X7	5/6/2020	Active	No	
Current Condition:	Good Condition - JC Exca- prior to the 3/31/21 inspect filter through the silt fence. damage was observed to t run of silt fence and repair	vation installed the silt fer tion. The remaining accu The maintenance recon the south end of the silt fe ed erosion prior to the ins	nce prior to the 5/6/20 inspecti- imulated sediment along the s inmendation will remain until pre- prior run during the 4/15/21 inse- prection on 6/7/23.	on. The silt fence was ilt fence needs to be re roper maintenance is co spection. Legacy Home	partially cleaned out moved to allow water to ompleted. Minor s maintained the entire	
SF 4 Current Condition:	Silt fence	Interior Streets	3/21/2022 along interior streets prior to t	Active	No	
	fence needed to be trenched in as of the inspection on 3/23/22. Remaining silt fence was trenched in prior to the inspection on 3/29/22. Gene Graves extended the silt fence along Robin Drive prior to the inspection on 4/14/22. Legacy Homes repaired all damaged areas of silt fence prior to the inspection on 4/26/22. Legacy Homes maintained some interior silt fence prior to the inspection on 5/10/23. Some maintenance is still required. Legacy Homes maintained the rest of the interior street silt fence prior to the inspection on 5/17/23.					
SF 5	Silt fence	southwest corner of SB A	4/1/2023	Active	No	
Current Condition:	Good Condition - Legacy F	Homes installed the silt fe	nce checks prior to the inspec	tion on 5/3/23.		
STR	Streets	Giles Road	4/27/2020	Active	No	
Current Condition:	Good Condition - Street cleaning will be sent to Legacy Homes as of 2/1/22. Legacy Homes partially cleaned the streets prior to the inspection on 3/15/22. Street cleaning is still necessary. Legacy Homes cleaned all interior streets prior to the inspection on 3/23/22. Minor sediment was observed in the ROW during the inspection on 3/23/22. Great Plains was in the process of cleaning the streets during the inspection on 5/3/22. Legacy Homes partially cleaned the streets prior to the inspection on 2/1/23. Street cleaning is still needed. Legacy Homes was in the process of cleaning the streets during the inspection on 3/15/23. Legacy Homes cleaned the streets prior to the inspection on 4/26/23. Legacy Homes cleaned all interior streets prior to the inspection on 5/3/23. Legacy Homes was in the process of cleaning the streets during the inspection on 8/9/23.					
SWPPP Sign	Misc./Other	Giles Road	7/13/2020	Pending	No	
Current Condition:		uring the 10/28/20 inspec	PP sign at Q13 during the 7/1: tion. SWPPP sign was remov sign on 8/20/21.	•	•	
WO 1	Concrete Washout	On Site	3/21/22.	Active	No	
Current Condition:	Good Condition - Legacy Homes installed a concrete washout on site prior to the inspection on 4/26/22. Legacy Homes cleaned out the concrete washout prior to the inspection on 12/7/22. Legacy Homes cleaned out the concrete washout prior to the inspection on 2/1/23. Legacy Homes cleaned out the concrete washout, removed all concrete waste around the site, and maintained silt fence and installed signs around the washout prior to the inspection on 6/7/23.					
WO 2	Concrete Washout	On Site		Removed		
Current Condition:	Removed - Swain Constru	ction removed the washo	ut prior to the inspection on 6/	8/21.		
WS 1	Waste Storage	On Site	4/26/2023	Active	No	
Current Condition:			ste on site prior to the inspection to the inspection on 6/7/23.	on on 4/26/23. Legacy F	lomes removed all	
Certification Statement:	"I certify, under penalty of I direction or supervision in properly gathered and eva persons who manage the the information submitted i	aw, that this document at accordance with a system luated the information sul system or those persons is, to the best of my know gnificant penalties for sub	and all attachments were prepa n designed to assure that qual bmitted. Based on my inquiry of directly responsible for gatheri reledge and belief, true, accurat bmitting false information inclu	ified personnel of the person or ng the information, e, and complete. I ding the possibility	324 SM	
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