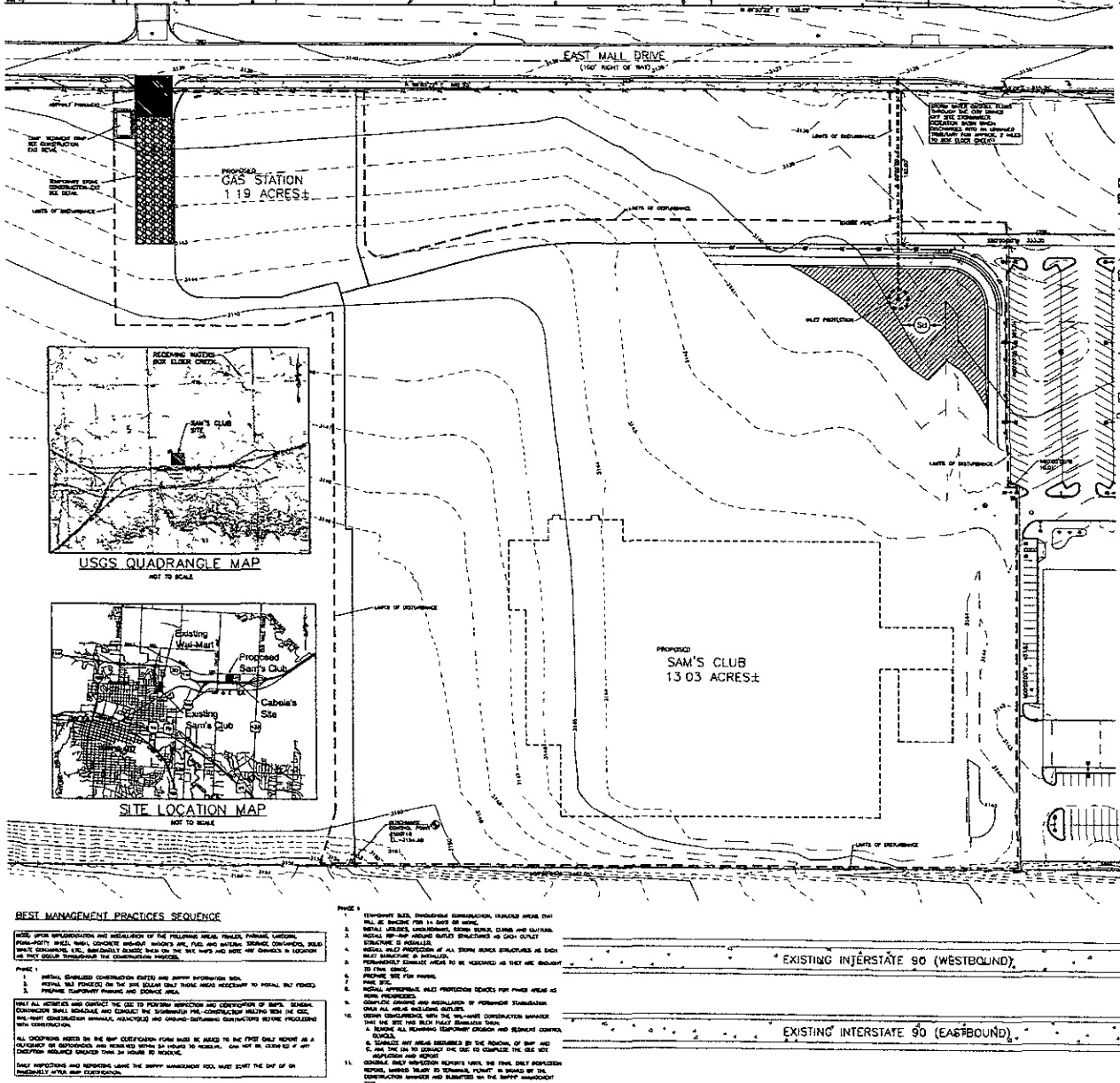
08PL066

PHASE I
EROSION AND SEDIMENTATION CONTROL PLAN / SITE MAP



LEGEND

SITE FEATURES

EROSION DETAILS

EROSION NOTES

SEDIMENT CONTROL LEGEND

DEVELOPER/OWNER:
SAM'S WEST INC
2001 SE 10TH STREET
BENTONVILLE, AR 72716
479-273-4000

SITE OPERATOR/GENERAL CONTRACTOR:
SUPERINTENDENT

GENERAL EROSION AND SEDIMENT CONTROL NOTES

BMP MAINTENANCE EROSION NOTES

ACREAGE SUMMARY (IN ACRES)

SAM'S CLUB SITE AREA	0.00
ON-SITE DISTURBED AREA	0.0000
OFF-SITE DISTURBED AREA	0.0000
TOTAL DISTURBED AREA	0.0000
IMPERVIOUS AREA AT COMPLETION	0.0000
PERVIOUS/SEEDED AREA AT COMPLETION	0.00

OFF-SITE RUN-ON ACREAGE SUMMARY*

OFF-SITE DRAINAGE AREA	ACRES	AVERAGE SLOPE	MAXIMUM SLOPE	COVER TYPE*
AREA 1				
AREA 2				
AREA 3				
AREA 4				

* IDENTIFY UP-GRADIENT RUN-ON AREAS FOR EACH PERIMETER AREA REQUIRING RUN-ON. INCLUDE PREDOMINANT TYPE OF SURFACE COVER (I.E. WOODLAND, PAVED, ROOFED, ETC.)

OFF-SITE MATERIAL AREA(S) INFORMATION

BORROW SITE NAME(S)	DISPOSAL SITE NAME(S)
BORROW SITE ADDRESS	DISPOSAL SITE ADDRESS
BORROW SITE PERMIT HOLDER	DISPOSAL SITE PERMIT HOLDER
BORROW SITE PERMIT NO.	DISPOSAL SITE PERMIT NO.
BORROW AREA PERMITTING AGENCY	DISPOSAL SITE PERMITTING AGENCY

CONSTRUCTION SHALL NOT BE COMMENCED AND DISPOSAL/BORROW AREAS, BORROW AND DISPOSAL INFORMATION IS NEEDED FOR SOIL FILL AND SPOIL MATERIALS ONLY IF CONSTRUCTION SHALL THAT NOT INCLUDED FROM THIS PROJECT IF ONE OR BOTH ARE NOT KNOWN FOR PROJECT.

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONSTRUCTION EXITS																								
TEMPORARY DIVERTING BERMS/DITCHES																								
SEDIMENT CONTROL BASINS																								
STUMP AND BRUSH/FELL TREES																								
ROUGH GRADE																								
STORM FACILITIES																								
SITE CONSTRUCTION																								
PERMANENT CONTROL STRUCTURES																								
FOUNDATION/PLUMBING/ELECTRICAL																								
FINISH GRADING																								
LANDSCAPING/SEED/SOIL STABILIZATION																								

1) CONTRACTOR SHALL REFERENCE THE TABLE BY DATING THE APPLICABLE ACTIVITIES AS PROJECT PROGRESSES.
2) THIS SCHEDULE SHALL BE COORDINATED WITH SEQUENCE OF CONSTRUCTION.

BEST MANAGEMENT PRACTICES SEQUENCE

PHASE I

1. INSTALL STABILIZED CONSTRUCTION ENTRY(S) AND SEDIMENT RETENTION BASIN.
2. INSTALL SILT FENCE(S) ON THE SITE (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE).
3. PREPARE TEMPORARY PARKING AND STORAGE AREA.

PHASE II

1. TEMPORARY SEED, DIVERSIONS/SWALES CONSTRUCTION, CLEARED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
2. INSTALL UTILITIES, UNDERGROUND, STORM SEWER, CURBS AND GUTTERS.
3. INSTALL RIP-RAP AROUND OUTLET STRUCTURES AS EACH OUTLET STRUCTURE IS INSTALLED.
4. MAINTAIN ADJACENT PROTECTION OF ALL STORM SEWER STRUCTURES AS EACH INLET STRUCTURE IS INSTALLED.
5. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
6. PREPARE SITE FOR PAVING.
7. PAVE SITE.
8. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
9. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION ONLY ALL AREAS AND OUTLETS.
10. CONTACT ENGINEERING WITH THE NPDES PERMIT CONSTRUCTION MANAGER THAT LIVE SITE HAS BEEN FULLY STABILIZED THEN:
    A. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
    B. STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF SWP AND C. AND THE ON TO CONTACT THE QSE TO COMPLETE THE QSE NOT APPLICATION AND REPORT.
11. CONSIDER DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT, MARKED "READY TO TERMINATE, PERMIT" IS SIGNED BY THE CONSTRUCTION MANAGER AND SUBMITTED TO THE SWPPP MANAGEMENT TEAM.

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING STEPS HAVE BEEN COMPLETELY INSTALLED. SWPPP-RELATED STEPS IN THIS ARTICLE GUIDANCE ARE REQUIRED FOR QUALITY.

NOTE: UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS, FINALIZE, PURCHASE, LANDSCAPE, MAINTENANCE, INSPECTION, AND REMOVAL OF THE FOLLOWING AREAS: FINALIZE, PURCHASE, LANDSCAPE, MAINTENANCE, INSPECTION, AND REMOVAL OF THE FOLLOWING AREAS: FINALIZE, PURCHASE, LANDSCAPE, MAINTENANCE, INSPECTION, AND REMOVAL OF THE FOLLOWING AREAS:

PHASE I

1. INSTALL STABILIZED CONSTRUCTION ENTRY(S) AND SEDIMENT RETENTION BASIN.
2. INSTALL SILT FENCE(S) ON THE SITE (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE).
3. PREPARE TEMPORARY PARKING AND STORAGE AREA.

MAINTENANCE AND INSPECTION PROCEDURES

4. CONTRACTOR AND SUBCONTRACTOR SHALL MAINTAIN ALL BMP'S AS REQUIRED BY THE SWPPP MANAGEMENT TEAM.
5. INSTALL AND STABILIZE MECHANICAL CONSTRUCTION (SWALES, SWALES, CHECK DAMS, ETC.).
6. BEGIN CLEARING AND GRUBBING THE SITE.
7. BEGIN CONSTRUCTION OF BUILDING PAD AND STRUCTURES.

REVISIONS			
1			
No.		Date	
2			
No.		Date	
3			
No.		Date	
4			
No.		Date	

BFA
CONSULTANTS ENGINEERS SURVEYORS

PRELIMINARY DRAWING

FOR REVIEW PURPOSES ONLY
NOT TO BE USED FOR CONSTRUCTION

SAM'S CLUB #6565-09
RAPID CITY, PENNINGTON COUNTY, SD
SAM'S WEST, INC. 2001 SE 10TH STREET,
BENTONVILLE, AR 72716

DRAWN: E.M.H.
CHECKED: KKS
DATE: 4/22/08
SCALE: 1"=100'
JOB No.: 05-2631
SHEET NAME: E AND S PHASE 1

08PL066

PHASE II
EROSION AND SEDIMENTATION CONTROL PLAN / SITE MAP

Scale 1" = 200'

EAST MALL DRIVE
(100' RIGHT OF WAY)

PROPOSED
GAS STATION
1 19 ACRES±

SAM'S CLUB
SITE

RECEIVING WATERS
(BOX ELDER CREEK)

USGS QUADRANGLE MAP
NOT TO SCALE

Existing
Wal-Mart
Proposed
Sam's Club
Cabela's
Site
Existing
Sam's Club

SITE LOCATION MAP
NOT TO SCALE

PROPOSED
SAM'S CLUB
RBL-136N-TR
GROSS S F W/DOCK SHOWN
(EXCLUDING MEZZANINE) 132,620 S F
RIGHT ENTRY, LEFT DOCK, T.M.A. RIGHT
F/F E-3147.50
4-4-08

13 03 ACRES±

EXISTING INTERSTATE 90 (WESTBOUND)

EXISTING INTERSTATE 90 (EASTBOUND)

LEGEND

SITE FEATURES

EROSION DETAILS

EROSION NOTES

SEDIMENT CONTROL LEGEND

DEVELOPER/OWNER:
SAM'S WEST, INC
2001 SE 10TH STREET
BENTONVILLE, AR 72716
479-273-4000

SITE OPERATOR/GENERAL CONTRACTOR:

GENERAL EROSION AND SEDIMENT CONTROL NOTES

BMP MAINTENANCE EROSION NOTES

OFF-SITE RUN-ON ACREAGE SUMMARY*

OFF-SITE DRAINAGE AREA	ACRES	AVERAGE SLOPE	MAXIMUM SLOPE	COVER TYPES
AREA 1				
AREA 2				
AREA 3				
AREA 4				

* ADJACENT UP-GRADIENT RUN-ON AREAS FOR EACH FORMATION AREA REQUIRING SEDIMENT CONTROLS (INCLUDE APPROXIMATE TYPE OF SURFACE COVER (I.E. WOODLAND, GRASS, PAVED, ROOFS, ETC.)

ACREAGE SUMMARY (IN ACRES)

SAM'S CLUB BLDG AREA	0.00
ON-SITE UNDISTURBED AREA	0.0000
OFF-SITE UNDISTURBED AREA	0.0000
TOTAL DISTURBED AREA	0.0000
IMPERVIOUS AREA AT COMPLETION	0.0000
PERVIOUS/GRASSED AREA AT COMPLETION	0.0000

OFF-SITE MATERIAL AREA(S) INFORMATION

BORROW SITE NAME:	DISPOSAL SITE NAME:
BORROW SITE ADDRESS:	DISPOSAL SITE ADDRESS:
BORROW SITE PERMIT HOLDER:	DISPOSAL SITE PERMIT HOLDER:
BORROW SITE PERMIT No:	DISPOSAL SITE PERMIT No:
BORROW SITE PERMITTING AGENCY:	DISPOSAL SITE PERMITTING AGENCY:

1) CONTRACTOR SHALL FILE AN MODIFICATION APPROVAL
2) BORROW AND DISPOSAL SITES, IF LOCATED IN ARKANSAS, MUST BE PERMITTED BY ADEQ. MATERIALS ONLY CONSTRUCTION SHALL STATE "NOT REQUIRED FOR THIS PROJECT" IF ONE OR BOTH ARE NOT AVAILABLE FOR PROJECT.

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONSTRUCTION EXITS																								
TEMPORARY CONTROL MEASURES																								
SEDIMENT CONTROL BASINS																								
SWMP AND STORMPOLE TRENCH																								
ROUGH GRADE																								
STORM TRENCHES																								
SITE CONSTRUCTION																								
PERMANENT CONTROL STRUCTURES																								
FOUNDATION/BUILDING CONSTRUCTION																								
FINISH GRADING																								
LANDSCAPING/SEED/FINAL STABILIZATION																								

1) CONTRACTOR SHALL UPDATE THIS TABLE AT DURING THE APPLICABLE ACTIVITIES AS PROJECT PROGRESSES.
2) TIME SCHEDULE MUST COINCIDE WITH SEQUENCE OF CONSTRUCTION.

BEST MANAGEMENT PRACTICES SEQUENCE

NOTE: UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS, ROUTES, PARKING LOCATIONS, PORA-POTTY SALES SHOP, CONCRETE WASHOUT, VENDOR'S AVE, FUEL AND MATERIAL STORAGE LOCATIONS, SOLID WASTE CONTAINERS, AND ANY CHANGES IN LOCATION OF ANY BMPS AND WHEN, ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

PHASE I

1. INSTALL STABILIZED CONSTRUCTION ENTRY(S) AND TEMPORARY SEDIMENTATION BASIN.
2. INSTALL SILT PROTECTION ON THE SITE CLEAN ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE).
3. MAINTAIN TEMPORARY PARKING AND STORAGE AREA.

WALT ALL ACTIVITIES AND CONTACT THE EOC TO PERFORM INSPECTION AND CERTIFICATION OF BMPS. (GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT THE PRE-CONSTRUCTION MEETING WITH THE EOC, SAM'S WEST CONSTRUCTION MANAGER, ADJACENTLY) AND GROUND-DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

ALL EXCEPTIONS NOTED ON THE BMP CERTIFICATION FORM MUST BE ADDED TO THE FIRST DAILY REPORT AS A DEFICIENCY OR SCHEDULED AND RESOLVED WITHIN 24 HOURS TO RESOLVE. CAN NOT BE CERTIFIED IF ANY EXCEPTION REQUIRES GREATER THAN 24 HOURS TO RESOLVE.

DAILY INSPECTIONS AND REPORTING USING THE SWPPP MANAGEMENT TOOL MUST START THE DAY OF OR IMMEDIATELY AFTER BMP CERTIFICATION.

4. (DOWNSLOPE) AND PERIMETER SEDIMENT BARRIERS AND SEDIMENT TRAPS) WITH APPROPRIATE OUTFALL STABILIZATION (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL BARRIER AND DRAINS).
5. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.).
6. BEGIN CLEARING AND GRUBBING OF THE SITE.
7. BEGIN GRADING ON SITE.
8. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.

PHASE I

1. TEMPORARY SEED, THROUGHOUT CONSTRUCTION, REMOVED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
2. INSTALL UTILITIES, UNDERGROUND, STORM SEWER, CURBS AND GUTTERS, ASPHALT, BMP-BMP GROUND OUTLET STRUCTURES AS EACH OUTLET STRUCTURE IS INSTALLED.
3. PERMANENTLY STABILIZE AREAS TO BE REVEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
4. REMOVE SITE FOR PAVING.
5. PAVE SITE.
6. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
7. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION (SOD ALL AREAS INCLUDING OUTLETS).
8. UPON COMPLETION WITH THE SAM'S WEST CONSTRUCTION MANAGER THAT THE SITE HAS BEEN FULLY STABILIZED THEN:
   a. REMOVE ALL REMAINING TEMPORARY CONTROLS AND SEDIMENT CONTROL DEVICES.
   b. STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF BMP AND
   c. ASK THE CM TO EXTEND THE EOC TO COMPLETE THE EOC SITE INSPECTION AND REPORT.
9. CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT, MARKED "READY TO TERMINATE PERMIT" IS SIGNED BY THE CONSTRUCTION MANAGER AND SUBMITTED VIA THE SWPPP MANAGEMENT TOOL.

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PREVIOUSLY BMPS HAVE BEEN COMPLETELY INSTALLED. BMP-RELATED STEPS IN THE ABOVE SEQUENCE ARE FOLLOWED FOR CLARITY.

REVISIONS

BFA
CIVIL ENGINEERING • PLANNING • SURVEYING
1 NW ARKANSAS PLAZA, SUITE 1000
BENTONVILLE, ARKANSAS 72712
TELEPHONE (479) 254-1791
www.bfacivil.com

PRELIMINARY DRAWING
FOR REVIEW PURPOSES ONLY
NOT TO BE USED FOR CONSTRUCTION

SAM'S CLUB #6565-09
RAPID CITY, PENNINGTON COUNTY, SD
SAM'S WEST, INC. 2001 SE 10TH STREET,
BENTONVILLE, AR 72716

DRAWN
E.M.
CHECKED
XXX
DATE
4/23/08
SCALE
1"=200'
JOB No.
08-3621
SHEET NAME
E AND S
PHASE II