

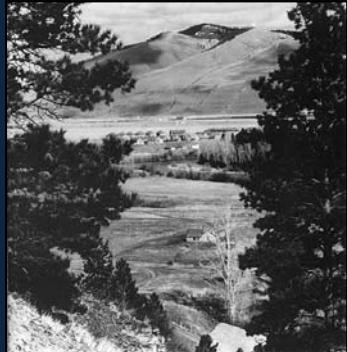
FORT MISSOULA REGIONAL PARK
MASTER PLAN REFINEMENT/
DESIGN DEVELOPMENT



DHM Design/WGM Group | December 3, 2008

Parks & Recreation
City of Missoula • 100 Hickory Street • 721-PARK
www.missoulaparks.org

MASTER PLAN REPORT
Fort Missoula Regional Park
Guiding Principles 6/14/01



CONCEPT OF A REGIONAL PARK

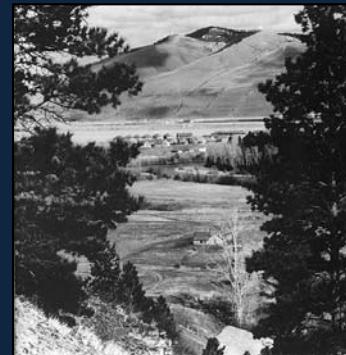
- PROVIDE MULTIPLE USES THAT ATTRACTS USERS NOT ONLY FROM MISSOULA, BUT ALSO FROM ENTIRE COUNTY AND REGION.
- STRIVE TO BALANCE MANY INTERESTS AND NEEDS
- PROVIDE MIX OF DEVELOPED AND UNDEVELOPED PARK AREAS

STEERING COMMITTEE ORIGINAL ASSUMPTIONS

- DEVELOP THE PARK IN PHASES
- CONTEXT OF SITE SHOULD PLAY ROLE IN DECISION MAKING (HISTORIC SITE, ALONG BITTERROOT RIVER, HOME TO MANY PUBLIC AGENCIES AND COMMUNITY ORGANIZATIONS)
- RECOGNIZE LIMITED SPACE WITH MULTIPLE DEMANDS
- PROVIDE FACILITY FOR PUBLIC ENJOYMENT AND BENEFIT
- PROVIDE FOR INDOOR AND OUTDOOR FACILITIES
- CONSIDER ONGOING MAINTENANCE COSTS
- FACILITIES SHOULD SERVE BOTH ADULT & YOUTH COMPETITIVE PLAY
- PROVIDE FOR RESTROOMS, PARKING, CONCESSIONS, STORAGE & MAINTENANCE FACILITIES
- COMPLY WITH ADA
- INCLUDE PASSIVE RECREATION
- ACKNOWLEDGE, PRESERVE AND ENHANCE UNIQUE HISTORIC VALUES
- ENCOMPASS DIVERSE ACTIVITIES
- SERVE PEOPLE OF ALL ABILITIES, AGES AND INCOME GROUPS
- PARK DESIGN & CONSTRUCTED WITH ENVIRONMENTAL SENSITIVITY
- INCLUDE WILDLIFE, RIPARIAN & OPEN AREAS
- MAINTAIN NATURAL VISTAS AND VIEWS

ADOPTED MASTER PLAN

Fort Missoula Regional Park
August 2002





STAKEHOLDERS MEETING DESIGN CONSIDERATIONS/ PROGRAM

April 8-9, 2008



STAKEHOLDERS INCLUDED:
 FRIENDS OF FORT MISSOULA REGIONAL PARK
 FORT MISSOULA HISTORICAL MUSEUM
 ROCKY MOUNTAIN MILITARY MUSEUM
 NORTHERN ROCKIES HERITAGE CENTER
 MISSOULA COUNTY
 MISSOULA COUNTY PUBLIC SCHOOLS
 UNIVERSITY OF MONTANA
 MISSOULA PARKS BOARD
 ULTIMATE
 STRIKERS
 MAGGOTS
 YMCA

DESIGN CONSIDERATIONS/ PROGRAM

FIELD SIZES AND PROGRAM NEEDS OF PARK:

- PROVIDE SAFE ENTRY ROAD CONNECTION TO SOUTH AVENUE
- MAINTAIN ALIGNMENT OF GUARDSMAN LANE APPROACHING MUSEUMS
- PROVIDE NARROW, MEANDERING ROADS TO SLOW TRAFFIC.
- STAY CLEAR OF "TRASH SCATTER", NON DISCLOSURE OF SITE (MAINTAIN 30 CM HORIZON)
- PROVIDE FACILITIES TO HOST TOURNAMENTS AT HOME
- 8 to 10 MULTIFIELD (SOCCER, RUGBY, FOOTBALL AND ULTIMATE) 70M X 120M WITH 10 TO 15 YDS BETWEEN FIELDS, 10 YDS AT ENDS OF FIELDS
- POSSIBLE PREMIER SOCCER PITCH (ARTIFICIAL TURF FOR EARLY AND LATE SEASON GAMES) LOCATE IN FAR CORNER
- PREMIER RUGBY PITCH (144M X 70M)
- POSSIBLE BLEACHERS AT PREMIER FIELDS
- ULTIMATE NEEDS 40 YD X 120 YD FIELDS FOR TOURNAMENTS
- STORAGE FOR SOCCER, STORAGE WITH SCOREBOARD FOR RUGBY
- RESTROOMS, STORAGE, AND POSSIBLE CONCESSION BUILDING (GROUP TOGETHER RATHER THAN SPREADING ACROSS SITE)
- PROVIDE PARKING LOTS, NOT ALONG ROADS.
- PICNIC SHELTERS FOR GROUPS OF 40, 200 AND 500
- POSSIBLE COVERED SHELTER FOR ICE SKATING

CULTURAL RESOURCES
 WORKING WITH WESTERN CULTURAL, INC,
 April –September 2008



**PRESERVE AND MAINTAIN THE HISTORIC DOUBLE ROW OF TREES
(USE TREES WITH SIMILAR SIZE AND SHAPE)**

AVOID INTRODUCING TRAFFIC IMPACTS AT OFFICERS ROW

**PROVIDE PEDESTRIAN CONNECTIONS TO ADJACENT AREAS
OF FORT MISSOULA**

PROVIDE INTERPRETIVE SIGNAGE TO ENHANCE THE PARK EXPERIENCE



OFFICERS ROW

**MAINTAIN BUFFER ZONE AROUND POST CEMETERY
ALONG WITH VEHICULAR ACCESS AND PARKING**

AVOID NON-COMPATIBLE ARCHITECTURE

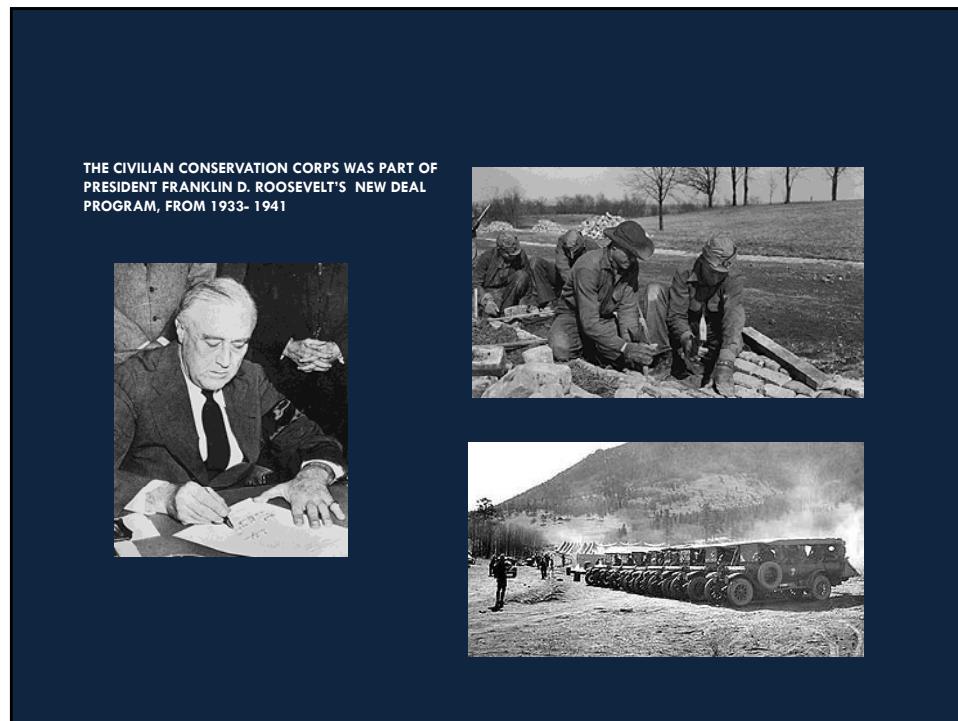
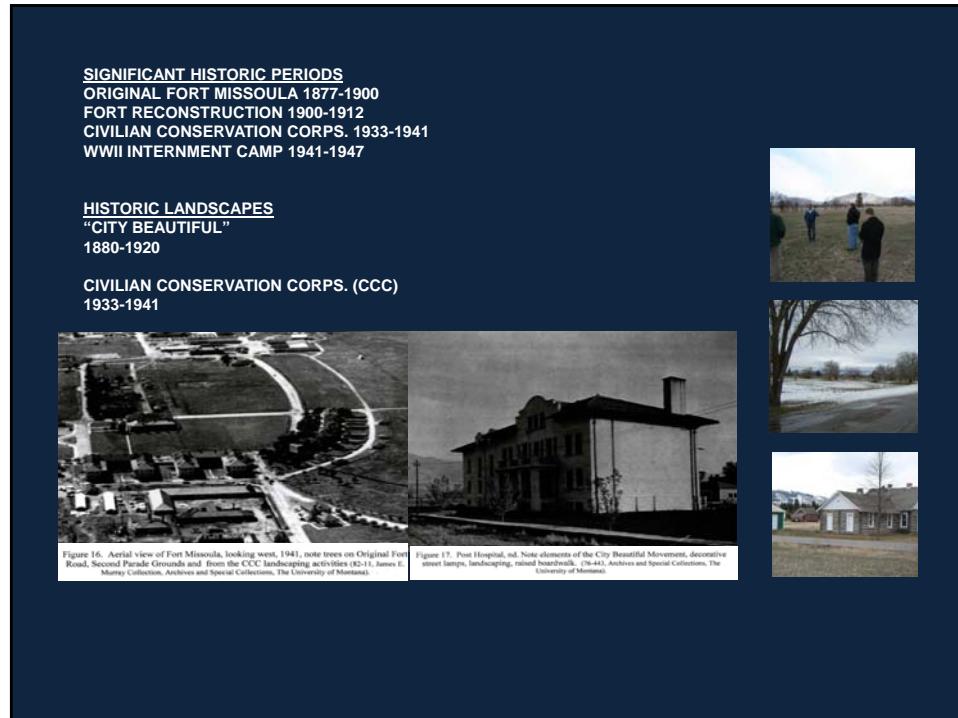
AVOID IMPACTS OF NONCOMPATIBLE USES

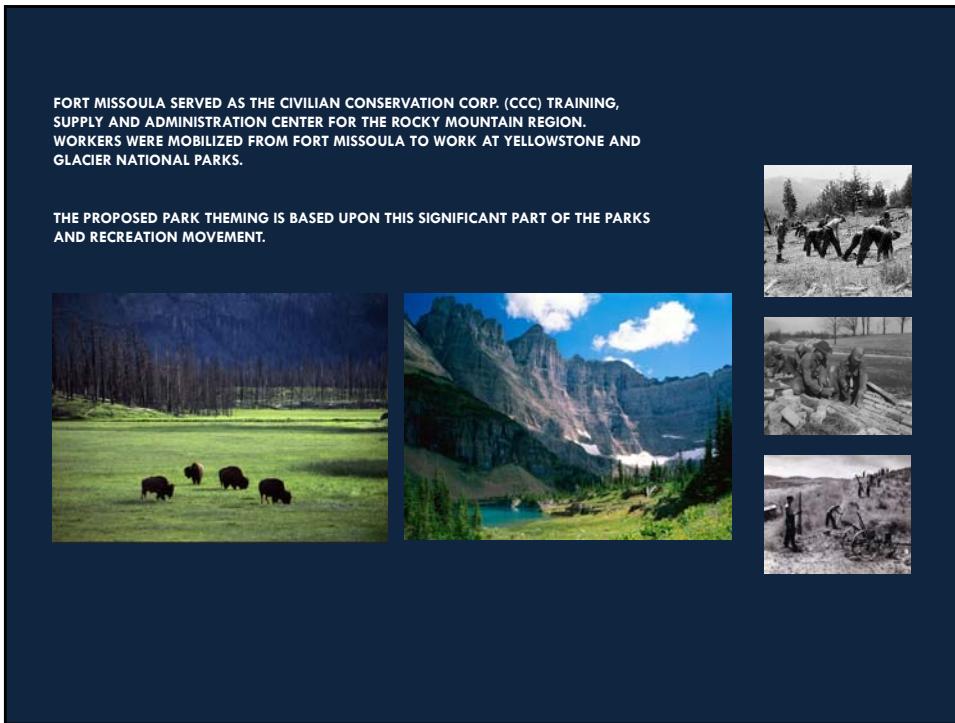
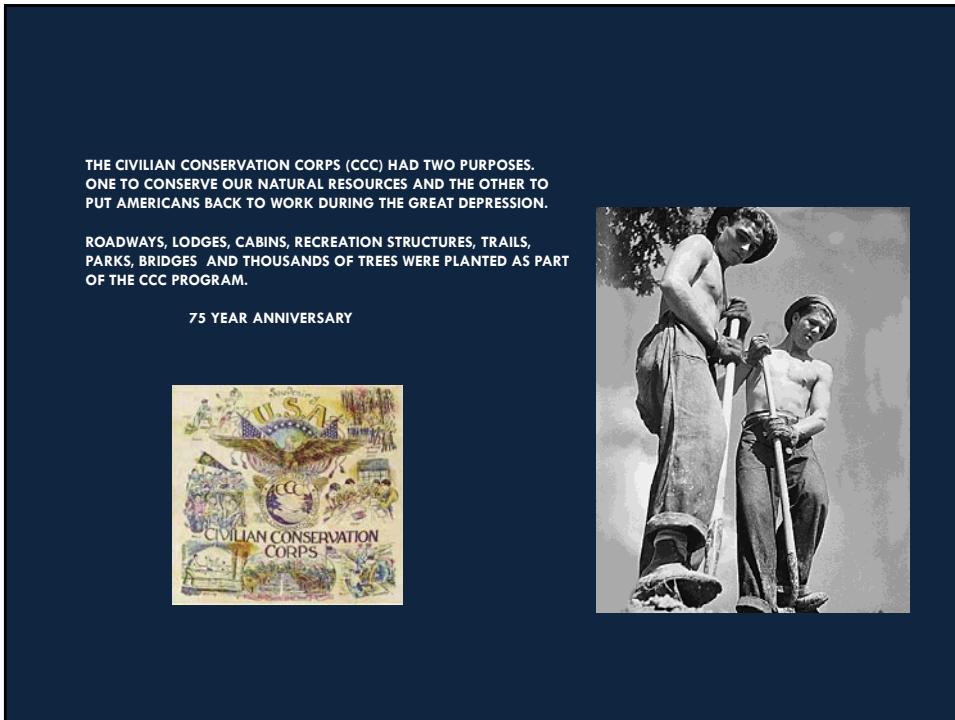
**STAY CLEAR OF "TRASH SCATTER", NON DISCLOSURE OF SITE
(MAINTAIN 30 CM HORIZON)**



POST CEMETERY

CCC WAREHOUSE





OPEN HOUSE MEETING

HERITAGE HALL,
HISTORIC FORT MISSOULA

June 25, 2008



OBJECTIVES

- UPDATE PUBLIC ON FORT MISSOULA REGIONAL PARK PLANNING PROCESS
- SHARE WESTERN CULTURAL, INC. FINDINGS ON CULTURAL RESOURCES AND RECOMMENDATIONS FOR PARK DESIGN
- SHARE DESIGN DEVELOPMENT OF PARK SITE & ANSWER QUESTIONS
- PROVIDE PUBLIC FORUM FOR CITIZENS TO BRAINSTORM IDEAS FOR HISTORICAL INTERPRETATION OF GUARDSMAN LANE (ALSO KNOWN AS THE CCC ROAD).

ROUNDTABLE DISCUSSION

- PUBLIC GENERALLY SUPPORTED PLANS AND THEMING IDEAS
- THE CCC THEMING IS CONSISTANT WITH HISTORY OF SITE
- PROVIDE TRAFFIC CALMING, MARK CROSS WALKS, DIVIDE LANES WITH MEDIAN, DISCOURAGE CUT THRU TRAFFIC, IMPROVE PEDESTRIAN ACCESS BETWEEN NEIGHBORHOODS AND PARK
- RECOMMEND NAMING THE "CCC ROAD" FOR VEHICULAR ROAD & "GUARDMAN LANE" FOR TRAIL WITH DOUBLE ROW OF TREES.
- KEEP TRAILS CLOSER TO ROADS TO MAXIMIZE OPEN SPACE OF PARK

PROPOSED PARK DESIGN



SUSTAINABLE APPROACH TO DESIGN

PROVIDE PEDESTRIAN CONNECTIVITY TO REGIONAL TRAILS, NEIGHBORHOODS AND NEARBY ACTIVITY AREAS. MAKE PARK WALKABLE.

PROVIDE CONNECTIONS TO PUBLIC TRANSPORTATION (MOUNTAIN LINE STOP)

LIMIT BLUEGRASS TO SPORTS FIELDS, USE NATIVE GRASSES IN PASSIVE AREAS, SYNTHETIC TURF WHERE APPROPRIATE

USE NATIVE OR XERIC TREES AND SHRUBS

PROVIDE SOPHISTICATED IRRIGATION SYSTEM, CONTROLLER AND WEATHER STATION

RECHARGING GROUND WATER WITH VEGETATED SWALES

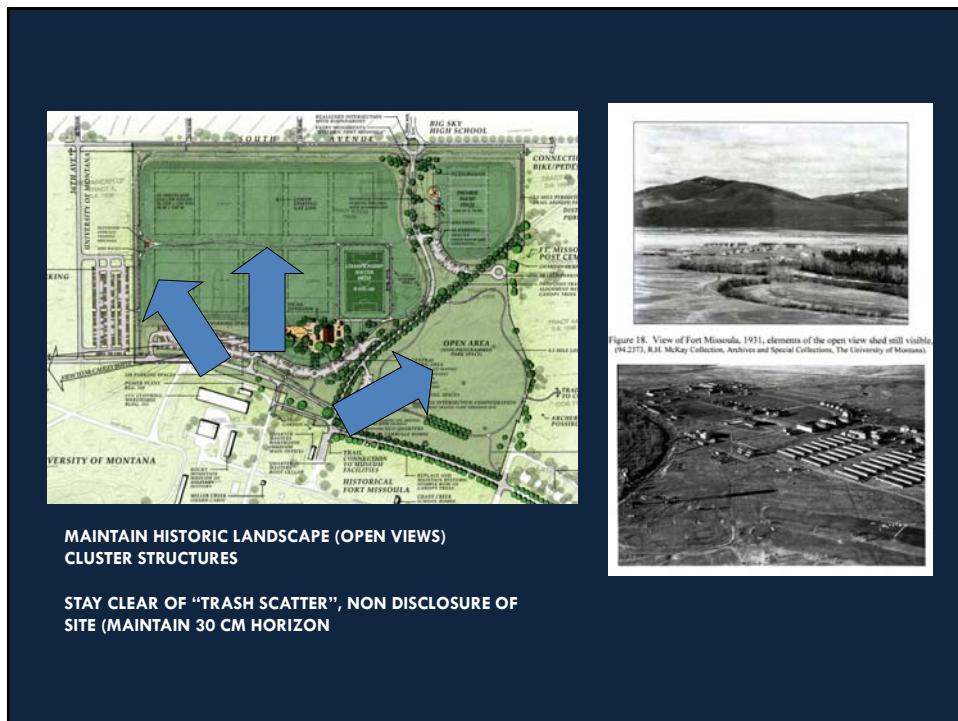
UTILIZE RECYCLED MATERIALS (ROAD BASE, SITE FURNITURE, ETC.)

PRESERVE HISTORIC VIEWS

RESPECT HISTORIC COMPATIBILITY

PRESERVE CULTURAL ASSETS OF SITE









Central Community and Regional Events Area



VEHICULAR ACCESS/ INTERSECTION IMPROVEMENTS/CIRCULATION

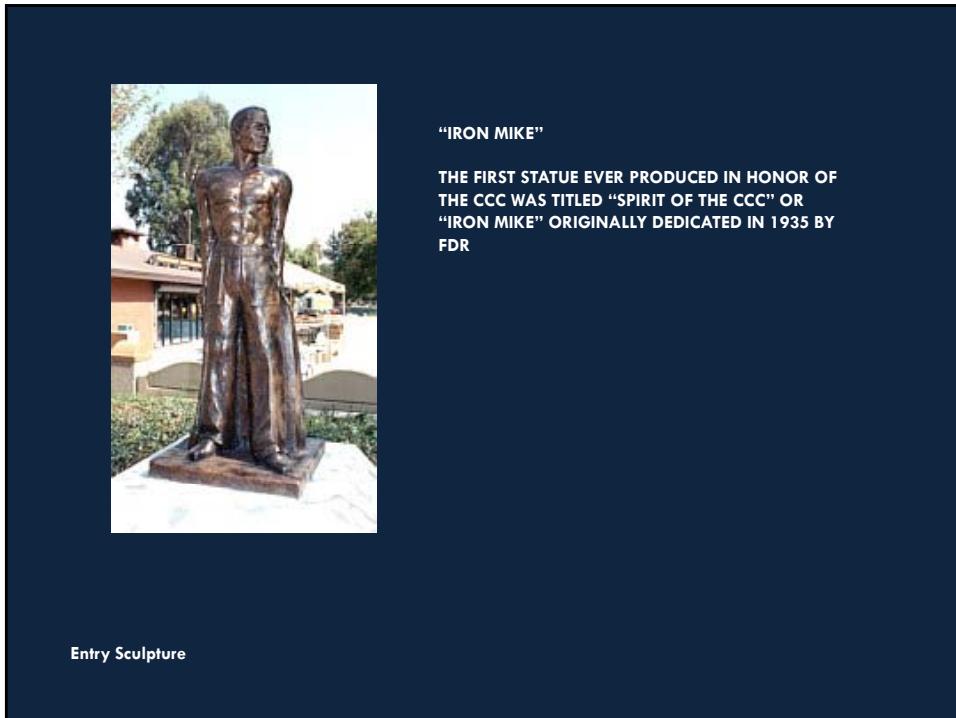


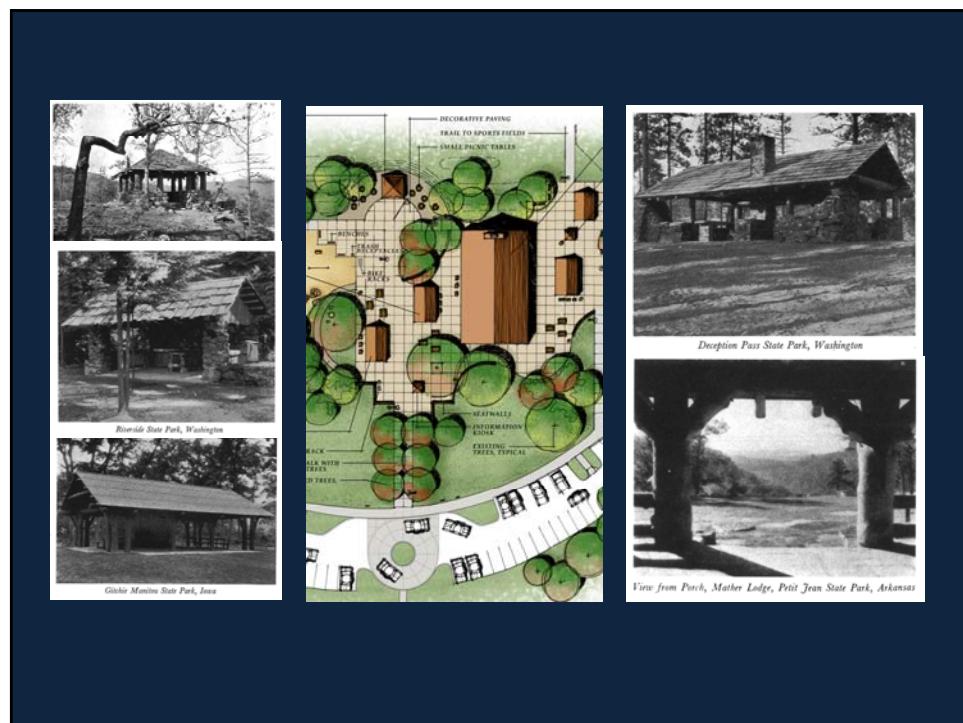


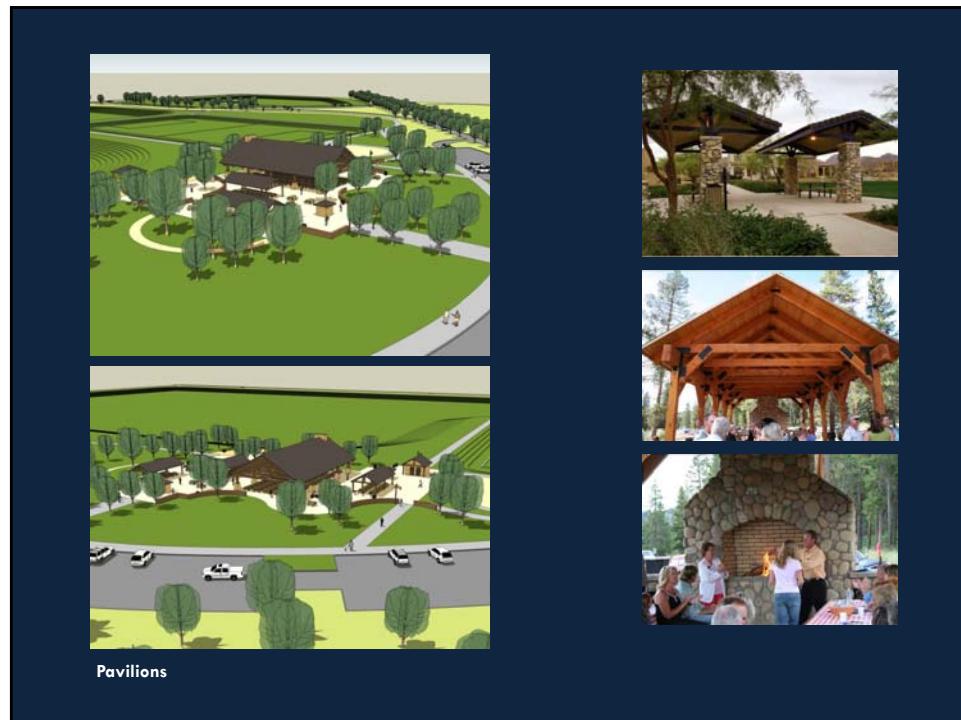
PARK CHARACTER

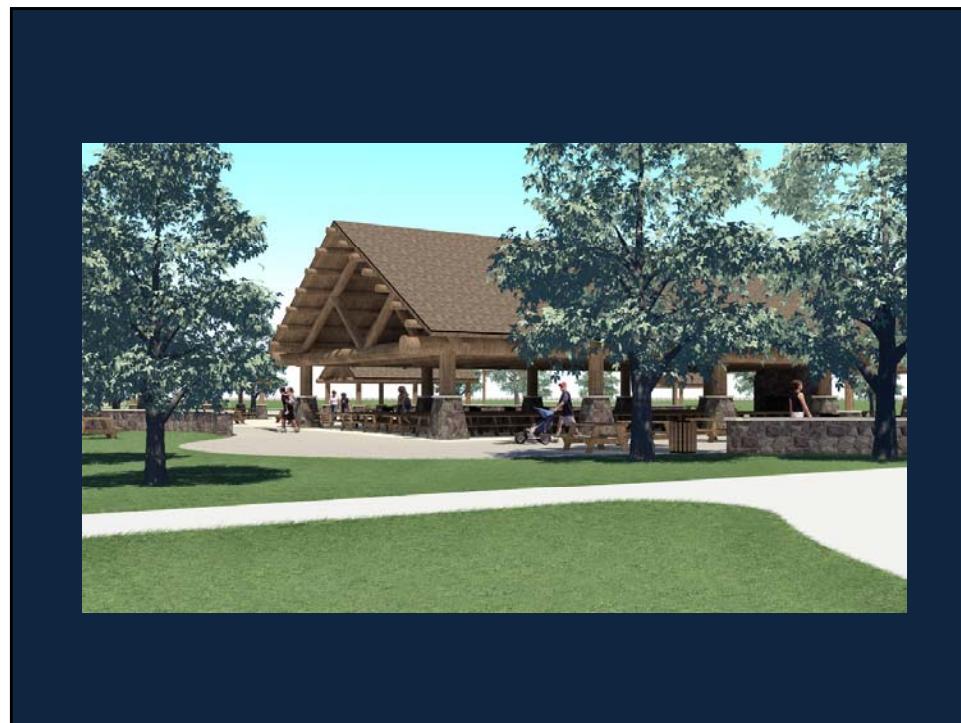
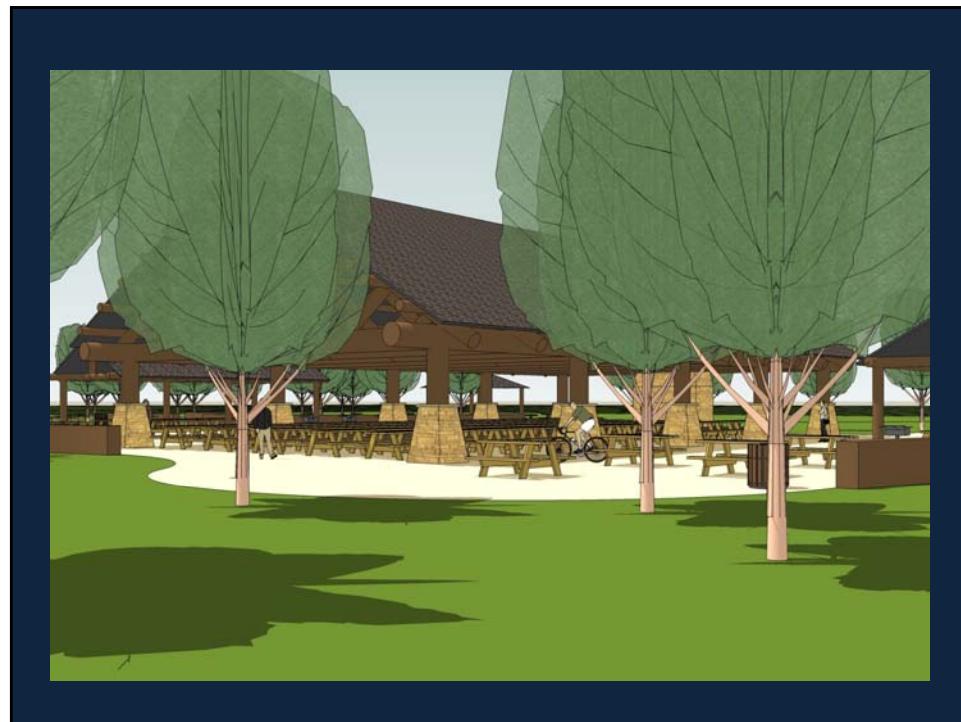




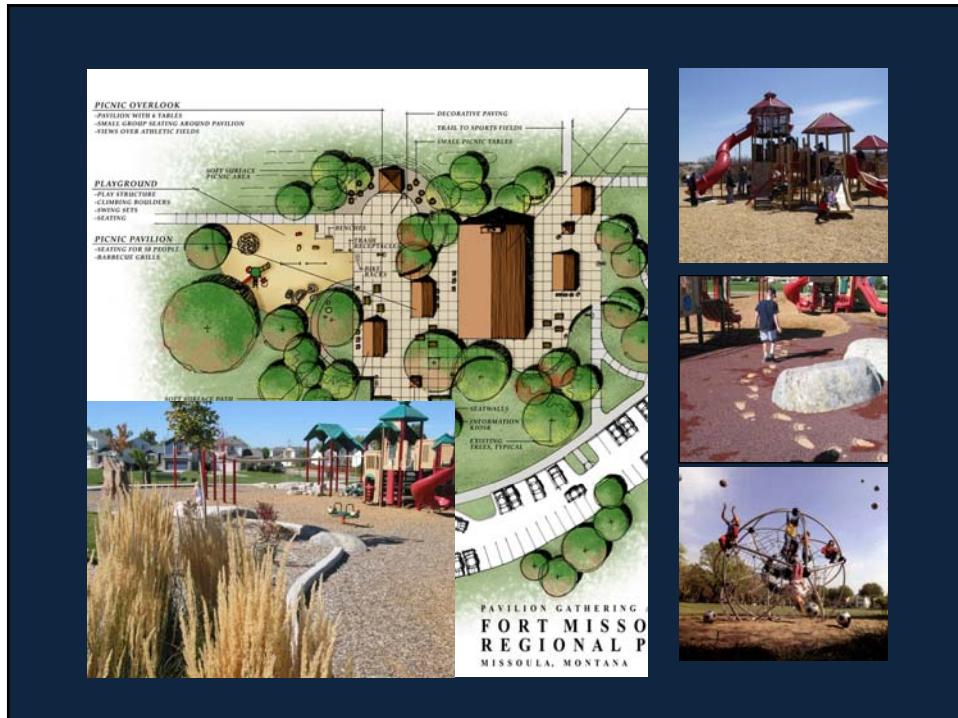




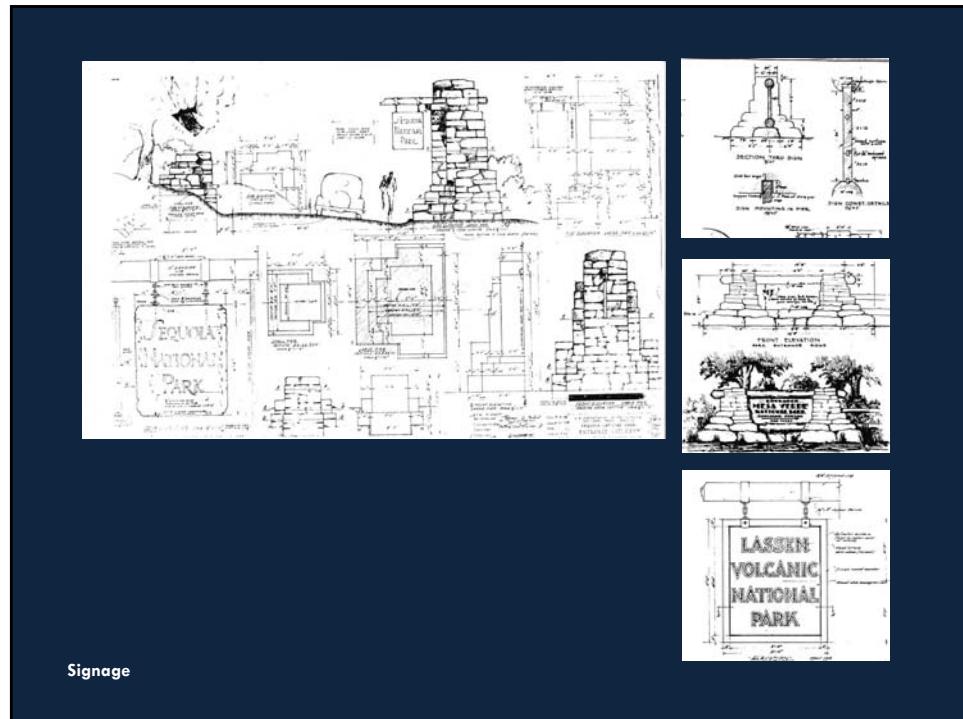
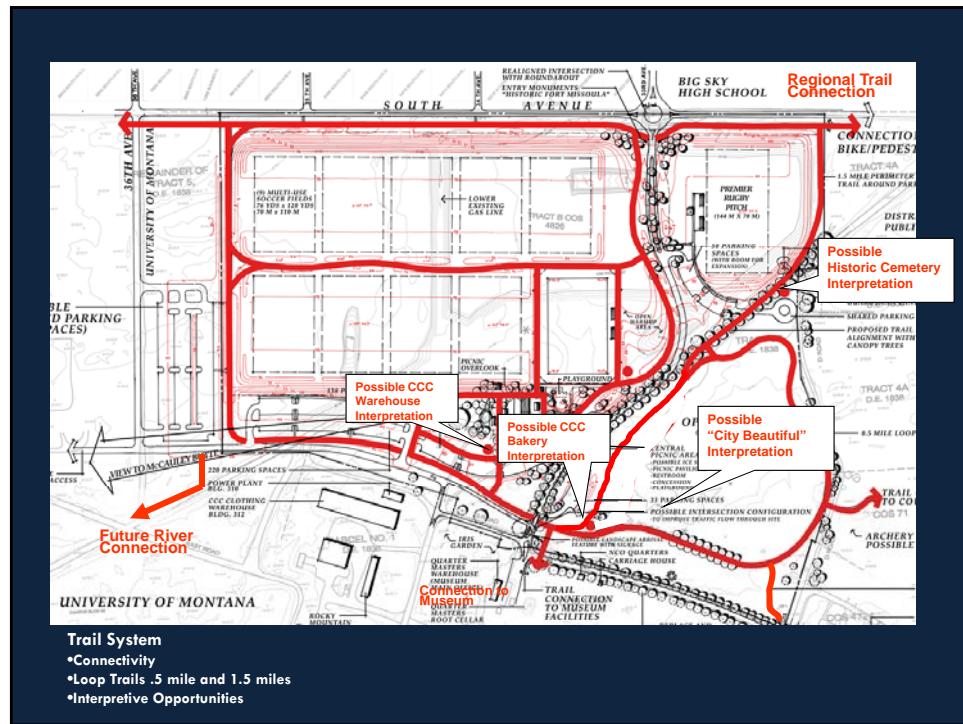


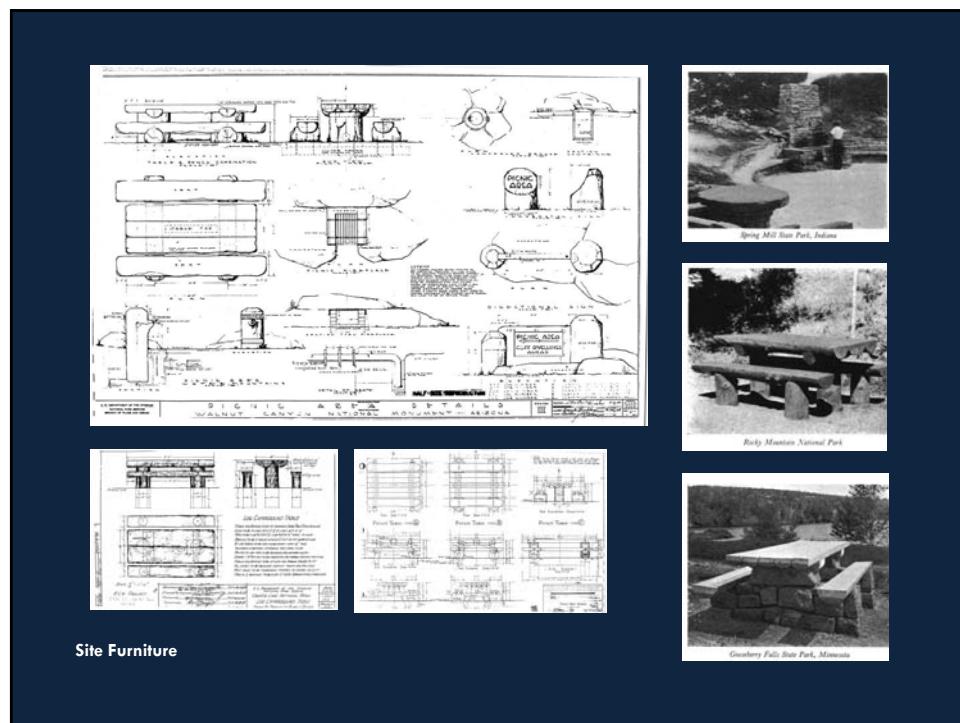
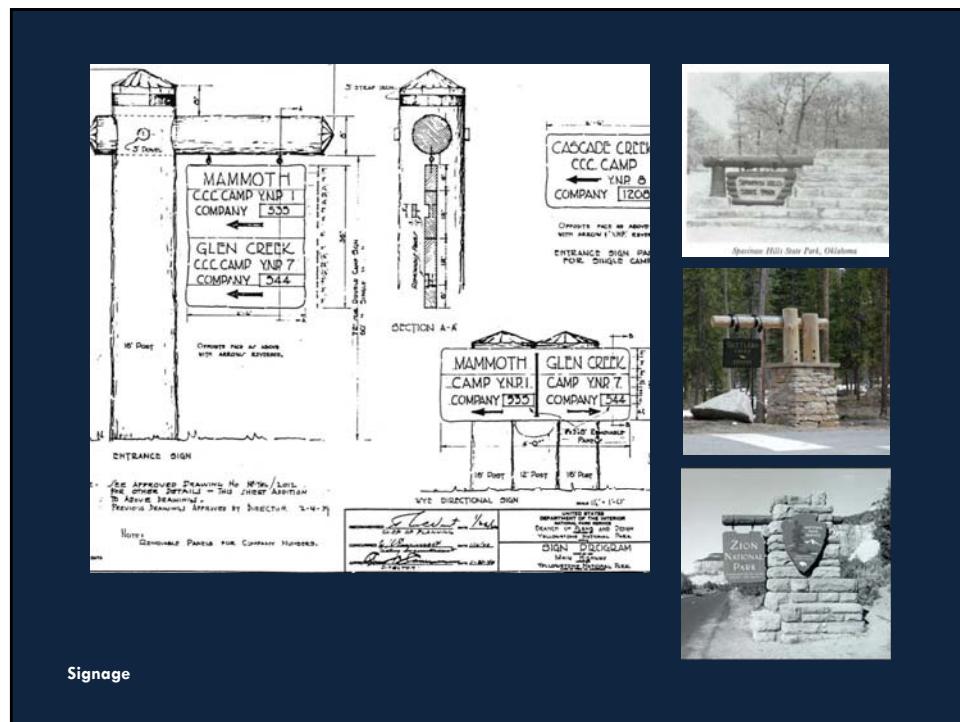














THE STATE HISTORICAL PRESERVATION BOARD HAS APPROVED THE MITIGATION PLANS FOR FORT MISSOULA REGIONAL PARK.
THESE PLANS INCLUDE:

- 1) THE INTERPRETATION OF GUARDSMAN LANE THROUGH A COMBINATION OF ROAD AND TRAIL DESIGN AND LAYOUT, SIGNAGE, AND TREE LINED ROAD SIMILAR TO OLD FORT ROAD.



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- 2) NAMING THE NEW ENTRY OFF SOUTH AVENUE INTO THE PARK "CCC ROAD" AND THE NEW TRAIL "GUARDSMAN LANE TRAIL"
- 3) STRONG PRESENCE AND USE OF LANDSCAPE AND ARCHITECTURE TO INTERPRET THE CCC ERA AND CITY BEAUTIFUL WITH EMPHASIS ON THE CCC THEMING.



THE STATE HISTORICAL PRESERVATION BOARD HAS APPROVED THE MITIGATION PLANS FOR FORT MISSOULA REGIONAL PARK. THESE PLANS INCLUDE:

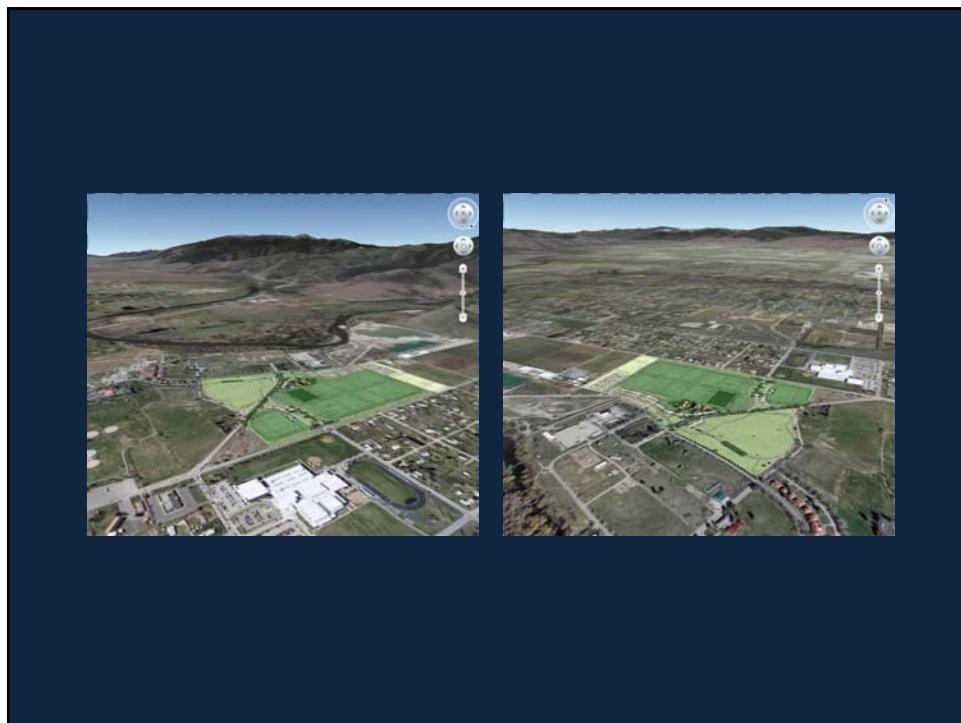
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- 3) STRONG PRESENCE AND USE OF LANDSCAPE AND ARCHITECTURE TO INTERPRET THE CCC ERA AND CITY BEAUTIFUL WITH EMPHASIS ON THE CCC THEMING.
- 4) INTERPRETATION OF THE BAKERY, WAREHOUSE AND HISTORIC LANDSCAPE, AS WELL AS PARK ENTRY SIGNAGE

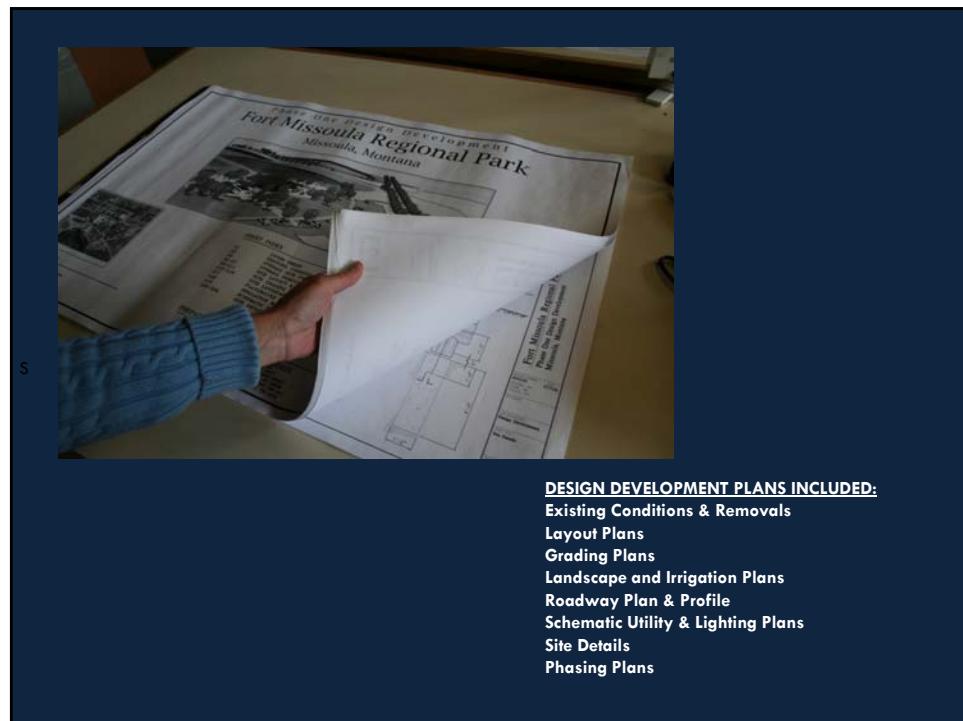
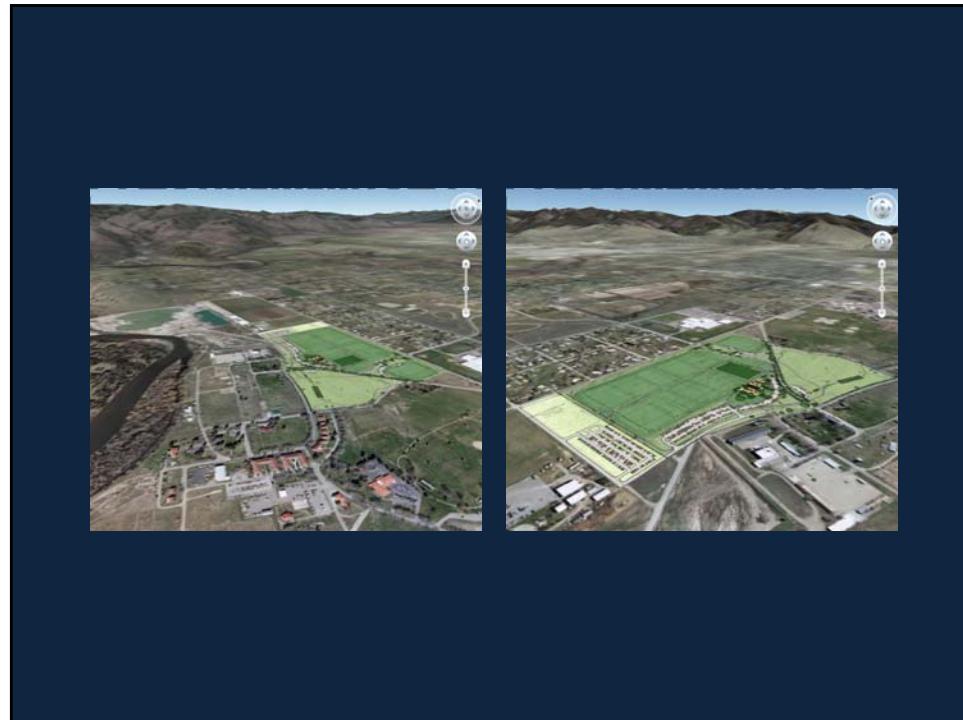


THE MITIGATION PLANS FOR FORT MISSOULA REGIONAL PARK WERE APPROVED BASED UPON THE COMMITMENT AND ATTENTION TO DETAIL OF THE CCC ERA.

THE CITY HAS NOW COMPLIED WITH ALL THE REQUIREMENTS OF THE FEDERAL 106 ANTIQUITIES ACT AND THE MONTANA HISTORIC AND CULTURAL PRESERVATION ACTS. THE SHPO (STATE HISTORIC PRESERVATION OFFICER) HAS PROVIDED A LETTER OF CONCURRENCE.



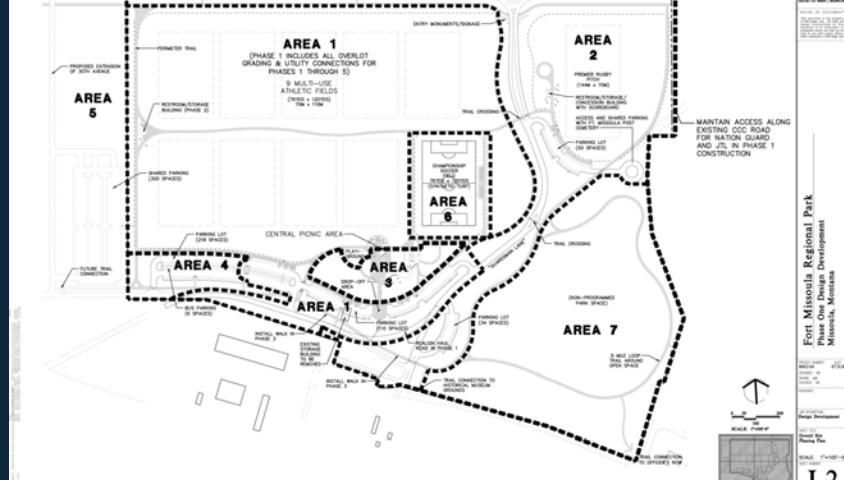




DESIGN DEVELOPMENT PLANS INCLUDED:

- Existing Conditions & Removals
- Layout Plans
- Grading Plans
- Landscape and Irrigation Plans
- Roadway Plan & Profile
- Schematic Utility & Lighting Plans
- Site Details
- Phasing Plans

PHASING/ COSTS



PHASING PLAN BASED UPON INFRASTRUCTURE, UTILITIES, OVERLOT GRADING, AND PRIORITY OF FACILITIES SITE DIVIDED INTO 7 AREAS









PHASE ONE IMPROVEMENTS \$5,259,030	
	Escalation to mid 2010
\$6,047,884	
FUTURE PHASES	
Area 1 Improvements	Area 5 Improvements
\$977,361	\$554,851
Escalation to mid 2010	Escalation to mid 2010
\$1,123,965	\$638,079
Area 2 Improvements	Area 6 Improvements
\$3,495,297	\$2,443,937
Escalation to mid 2010	Escalation to mid 2010
\$4,019,592	\$2,810,528
Area 3 Improvements	Area 7 Improvements
\$3,123,001	\$1,225,110
Escalation to mid 2010	Escalation to mid 2010
\$3,591,452	\$1,443,376
Area 4 Improvements	Overall Project Total
\$439,925	\$17,548,515
Escalation to mid 2010	Escalation to mid 2010
\$505,914	\$20,180,792
ESTIMATE OF PROBABLE COST	



THANK YOU