



Agenda

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ARCHAEOLOGICAL REVIEW COMMITTEE HEARING

THURSDAY, FEBRUARY 21, 2013 – 4:30 P.M.

CITY COUNCILORS' CONFERENCE ROOM

CITY HALL, 200 LINCOLN AVENUE, SANTA FE

- A. CALL TO ORDER
- B. ROLL CALL
- C. APPROVAL OF AGENDA
- D. APPROVAL OF MINUTES

January 17, 2013

E. ACTION ITEMS

- 1. Case#AR-20-12. Request for approval of comprehensive archaeological and cultural resources study for La Tierra Trails Master Plan, located in the Suburban Archaeological Review District. The request is made by Gerry Raymond, for the City of Santa Fe Public Works Department, Roadway and Trails Engineering Division.
- 2. Case#AR-01-13. Request for consideration of archaeological inventory and testing report for 206 McKenzie Street, located in the Historic Downtown Archaeological Review District. The request is made by Ron Winters, for Dale F. Zinn & Associates.
- 3. Case#AR-02-13. Request for consideration of reconnaissance survey for 1020 Canyon Road, located in the Historic Downtown Archaeological Review District. The request is made by Doug Boggess, Lone Mountain Archaeological Services, Inc., for Cody North, True North Builders.
- 4. Case#AR-03-13. Request for consideration of monitoring plan to cover proposed excavations at Louis Montano and Santa Fe River parks, both located in the Historic Downtown Archaeological Review District. The request is made by the Office of Archaeological Studies, for the City of Santa Fe Public Works Department, Parks Division.
- 5. Case#AR-04-13. Request for consideration of monitoring program covering trenching conducted for water installation for various lots at 616 East Alameda, located in the Historic Downtown Archaeological Review District. The request is made by the Office of Archaeological Studies, for Alarid Construction.

F. ADMINISTRATIVE MATTERS

G. COMMUNICATIONS

Historic Fort Marcy Interpretive Display

H. MATTERS FROM THE COMMITTEE

I. BUSINESS FROM THE FLOOR

J. ADJOURNMENT

Persons with disabilities in need of accommodations, contact the City Clerk's office at 955-6520. five (5) working days prior to meeting date.

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February 21, 2013

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**MINUTES OF THE
CITY OF SANTA FE
ARCHAEOLOGICAL REVIEW COMMITTEE HEARING
City Councilors Conference Room
February 21, 2013**

A. CALL TO ORDER

The Archaeological Review Committee Hearing was called to order by David Eck, Chair, at approximately 4:30 p.m., on February 21, 2013, in the City Councilors Conference Room, City Hall, Santa Fe, New Mexico.

B. ROLL CALL

Members Present

David Eck, Chair
Derek R. Pierce
Gary Funkhouser

Members Excused

Tess Monahan, Vice-Chair
James Edward Ivey

Others Present

John Murphey, Land Use Department
Melessia Helberg, Stenographer

NOTE: All items in the Committee packet for all agenda items are incorporated herewith to these minutes by reference; and the original Committee packet is on file in, and may be obtained from, the Historic Division.

C. APPROVAL OF AGENDA

Chair Eck noted the caption of Item #5 Case #AR-04-13, needs to be corrected as follows: "... monitoring program and report covering..."

MOTION: Derek Pierce moved, seconded by Gary Funkhouser, to approve the Agenda as amended

VOTE: The motion was approved unanimously on a voice vote.

D. APPROVAL OF MINUTES:

January 17, 2013

The following corrections were made to the minutes:

Page 3, paragraph 5, line 6, correct as follows: "... so they'll ~~know they don't~~ know..."

Page 5, paragraph 1, line 1, correct as follows: " Unfortunately, ~~now~~ how a..."

Page 5, paragraph 7, line 1, add explanatory language as follows: "...you' [Mr. Rasch and Mr. Raymond]..."

Page 6, paragraph 3, correct as follows: "...~~bases~~ basis..."

Page 7, paragraph 4, correct spelling of Pierce.

Page 7, paragraph 5, line 5, correct as follows: "...actually is ~~actually is~~ part..."

Page 8, paragraph 2, line 3, correct as follows: "...Tobias and Woodhouse..."

Page 8, paragraph 9, line 1, add explanatory language as follows: "...someone [Steve Post]..."

Page 16, paragraph 6, line 2 change PRC to CRC.

MOTION: Derek Pierce moved, seconded by Gary Funkhouser, to approve the minutes of the meeting of January 17, 2013, as amended.

VOTE: The motion was approved unanimously on a voice vote.

E. ACTION ITEMS

1. **CASE #AR-20-12. REQUEST FOR APPROVAL OF COMPREHENSIVE ARCHAEOLOGICAL AND CULTURAL RESOURCES STUDY FOR LA TIERRA TRAILS MASTER PLAN, LOCATED IN THE SUBURBAN ARCHAEOLOGICAL REVIEW DISTRICT. THE REQUEST IS MADE BY GERRY RAYMOND FOR THE CITY OF SANTA FE, PUBLIC WORKS DEPARTMENT, ROADWAY AND TRAILS ENGINEERING DIVISION**

A Memo dated February 21, 2013, to the Public Works Department, Roadway and Trails Engineering Division, from Archaeological Review Committee Chair, John Murphey, Planner Senior and David Rasch, Planner Supervisor, regarding Archaeological Review – La Tierra Trails, is incorporated herewith to these minutes as Exhibit "1."

A copy of a proposed letter entered for the record by Chair Eck, is incorporated herewith to these minutes as Exhibit "2."

STAFF RECOMMENDATION: Staff defers to the Committee as to whether the applicant has satisfied the revisions requested at the January 17, 2013 hearing.

Chair Eck noted this was postponed from the last meeting.

Mr. Raymond said, "One quick thing. You made the comment to the issue of the high density of sites south to 599 from Hundley, that that would be a good thing to mention for future research in that area, and I did not insert that in what ya'll have today, but I have it inserted that if... the page is exactly the same except for the insertion of a reference to research issues regarding that matter. And otherwise, the page is the same. If ya'll want to look at that, it would be nice to put one in there."

Mr. Murphey said he wasn't in attendance at the last meeting, but he understands from talking with Mr. Rasch and Mr. Raymond, there was supposed to be some sort of cover document identifying Mr. Raymond's report as the over-riding approach for all future trails work. Mr. Murphey said, "And Mr. Raymond has incorporated a statement like that in the 3rd paragraph on page 1. And I added this Memo [Exhibit "1"] which can be altered in any way, but it would attach to any future document and be sent to Public works for their use as well."

Chair Eck said he has something to hand out to those who need it [Exhibit "2"]. Chair Eck said, "It is my reworking of your memo that attempts to capture everything that we collectively said ought to be mentioned in this document. I stress this is just a draft, a shot at what it needs to say. It can change."

Mr. Raymond said Mr. Pacheco should see this.

Chair Eck said, "I don't expect everybody to read and absorb all the nuances of all that offered language, so if you so choose, we can recommend that we postpone this to a future meeting if you want to cogitate on it, or we can proceed if you are ready, willing and able."

Mr. Funkhouser and Mr. Pierce said they have no objections to proceeding at this meeting.

Leroy Pacheco said, "I read it [Exhibit "2"]. I think it looks great and is pretty much in the spirit of where we started with John, all that negotiation. I only ask, and it's a question to whoever wrote this, David. You reference at the very beginning that these are projects falling under the La Tierra Trails Master Plan."

Chair Eck said yes, this is the language provided by Mr. Murphey.

Mr. Pacheco said, "So I guess, and that's specifically what we're working on, is this master plan that was adopted by the City Council, it has a whole list of projects, etc. And I think you're all fine with respect to the work that we understand LTT refers to that Plan. All of this flowing within State and federal law and City Code. But there are other property owners in the system. This is specific to the La Tierra Trails Master Plan for trails project that was.... I guess that's the only thing I would like to make sure, so when we're all gone, somebody's not confused."

Mr. Raymond said there's some end holdings.

Mr. Pacheco said, "That's the only thing. Other than that, I think all this is...."

Chair Eck said, "And from a federal perspective, end holdings are irrelevant."

Mr. Pacheco said, "That's the only thing. It's really when we're all gone and 10 years from now, someone doing something else outside of the scope, they realize they're subject to federal, State and City Code."

Chair Eck said, "But that's specific to City action under the City's Plan for these trails."

[Too many people talking here to transcribe]

Mr. Raymond said it would have to be a City undertaking.

Mr. Pacheco said, "In our project that we're presenting as a project, which is the La Tierra Trails Master Plan that... I don't know exactly, you might want to just... do we have that."

Responding to Mr. Pacheco, Mr. Murphey said, "That is the title of the document."

Chair Eck said yes. It's a clunky title.

Mr. Pacheco said, "So where you have LTT, LTT, just so we know, it refers to that Plan. That's a minor comment, other than that I think it's great."

Chair Eck said he will provide this [Exhibit "2"] to Mr. Murphey as a word file and he can play with it and tweak it at his leisure.

Gary Funkhouser

Mr. Funkhouser said he had no remarks.

Derek Pierce

Mr. Pierce said, "One thing, well two, and you just answered one, where's the statement of purpose."

Mr. Pierce noted that page 2 of the report is blank.

Mr. Raymond said that is the map which was provided, and he should have given it to him, but it was in the first rendition, and he will provide another for the files.

Chair Eck

Chair Eck thanked Mr. Raymond for the changes and his "patient attention to all those details."

Chair Eck said on page 27, paragraph 2, line 26, in the parenthetical string of references, there is a "...Post 2000a, a Post 2000b, and then post 2001b." He asked what happened to 2001d, which had been there before. He said if it is irrelevant, that's cool.

Mr. Raymond said, "No, it's not. I was in error before. To be honest, what I did is I went back through all the Post references because there were so many, and I thought I enumerated them correctly, but there's not a 'd' there."

Chair Eck said there is no "d" in the text, but there is a "d" in the references cited.

Mr. Raymond said, "It needs to be checked, because he has so many in that.... I'll correct it, but I can't tell you what the correct one is."

Chair Eck said, "If you'll pay attention to that, I'll be grateful, and I'm done."

MOTION: Derek Pierce moved, seconded by Gary Funkhouser, with respect to Case #AR-20-12, to approve the request for approval of the comprehensive archaeological and cultural resources study for La Tierra Trails Master Plan, with the aforementioned corrections, located in the Suburban Archaeological Review District, requested by Gerry Raymond for the City of Santa Fe Public Works Department, Roadway and Trails Engineering Division and to forward a copy of this approval to the State Archaeologist, at the State Historic Preservation Division.

VOTE: The motion was approved unanimously on a voice vote.

2. CASE #AR-01-13. REQUEST FOR APPROVAL OF CONSIDERATION OF ARCHAEOLOGICAL INVENTORY AND TESTING REPORT FOR 206 MCKENZIE STREET, LOCATED IN THE HISTORIC DOWNTOWN ARCHAEOLOGICAL REVIEW DISTRICT. THE REQUEST IS MADE BY RON WINTERS FOR DALE F. ZINN & ASSOCIATES.

STAFF RECOMMENDATION: Staff recommends approval of the survey and testing report, as it meets the intent of the City of Santa Fe Archaeological Review District Ordinance (14-5.3) and Archaeological Clearance Permits (14-3.13(B)(1)(a) and (C)(3)(a)(iii)), and further recommends forwarding a copy of this approval to the State Archaeological, New Mexico Historic Preservation Division, as per NMAC 4.10.17.

Mr. Murphey said he has nothing further to add to his report.

Mr. Winters said Historic Design Review had issues with the architects about what can and can't be modified. He said he did the work for Dale Zinn, an architect in Santa Fe, but who is not the principal architect on the project. The report then went to a group in Texas who don't own the property yet, but are planning to buy the property. He said, "It was a little convoluted. I wasn't dealing with him directly, so there were some issues in that regard, including access and neighbors and things like that."

Chair Eck said he is ignorant of the HDRB action, and Mr. Murphey if can enlighten the Committee.

Mr. Murphey said he doesn't think it really informs the Committee's review of this item.

Mr. Winters said, "No. It was separate from the archaeology and has nothing to do with it."

Derek Pierce

Mr. Pierce commented and offered the following corrections to the report, as follows:

- Correction on page 23, paragraph 1, line 1, delete the comma after "neighborhood."
- Correction on page 23, paragraph 1, line 1, did Mr. Winters intend to say "one meter" apart, and Mr. Winters said yes.
- Page 38, paragraph 5, with regard to historic artifacts found in Trench 2, he cites the Lea & Perrins bottle with citation for Horne 2005, but he doesn't see similar citations for some of the following artifacts such as the clear glass bottle with "Druggists and Santa Fe, NM embossed on the side panel." He gives a date range but not a citation, and asked if this is also from Horne.

Responding to Mr. Pierce, Mr. Winters said there is one Fike in 1987, and asked if he saw that citation, which referred to everything above.

- On page 39, last paragraph under Test Unit 1, there is "...one bottle base embossed with the Owens-Illinois symbol, 1929-1954.." He asked if there is a citation for this one.
- On page 42, the Site Description, Mr. Winters mentions 107 artifacts in Trench 1, and the 131 in Trench 2. There is no mention of the artifacts recovered in the test units. Mr. Winters said that is because he doesn't think they relate, noting he states that "there is no visible stratigraphy, and that it's fill." He said, "I have both historic, pre-historic and modern trash all mixed together." Mr. Winters said it is on page 39, paragraph 2, which describes the unit "... no stratification... and a mix of prehistoric, historic and modern artifacts..."
- Chair Eck said there is a note in the previous paragraph on page 39, where he says, ".... excavation showed evidence of having been previously disturbed." He said the two together should clarify that issue.
- Mr. Pierce asked if an LA form [Laboratory of Anthropology Site Form] was submitted with this report, and Mr. Winters said yes.

Chair Eck said then it exists and it just isn't in the packet.

Mr. Murphey said, "Everything you have is what was submitted to me."

Mr. Winters said he did one, and will make sure Mr. Murphey gets a copy of that as well as the NIAF.

- Mr. Pierce said the Summary and Recommendations on page 51, provide, "...both the present surface and the underlying surface of the project area bear historical and cultural significance, although no further work is warranted." Mr. Pierce said he had trouble getting there, noting there are more than 600 artifacts in a small area. He said, "I think when you have that kind of density, there is notice upon you to make a persuasive argument that the information potential has been exhausted. Now that we just discussed, in terms of disturbed content and things like that helped, it would be nice to have that stated here in the end, "No further work is warranted because the information potential work has been exhausted, because there is no intact stratigraphy," something like that. He said pretty much anywhere in Santa Fe that you dig a hole there's going to be quite a bit of "background noise," but 600 artifacts is still a lot.

Chair Eck said that is a "loud noise."

Mr. Pierce thinks Mr. Winters could do more to make a convincing argument that the information potential has been exhausted, which he really doesn't do here, at least not clearly stated in one place.

Chair Eck said it is implicit.

Mr. Pierce said it takes quite a lot of reading between the lines to get there.

Mr. Winters said even with the prehistoric ceramics, it wasn't in an intact deposit. It was at the southern end of the trench. He said, "When I talked to Dean Wilson about them, and showed them to him, he said it showed a distinct coalition occupation, although not from a distinct feature, only because all the sherds fell into that age range. But in digging the trench, there was a strata that contained just an intact deposit with those sherds. And certainly the historic stuff relates directly to the former residents of 212 McKenzie."

- Mr. Pierce said, "That was my final comment. I believe, in a couple of the trenches, you report foundation remnants, but don't really address them as features or their significance in relation to the past history of the site. Could you maybe fill..."

Mr. Winters said, "They aren't tied into the address at 212."

Chair Eck said he didn't see it either, and it might just take some paragraphs to draw that out.

Mr. Winters said it is shown on the drawing.

Chair Eck said, "Some are, but not all."

- Mr. Pierce said, "I guess to sum up my objections here would be that some sort of summary paragraph at the end addressing the information potential of the site and the relevance of the foundation features to the previous structure that was torn down, you know, that it is most likely that and not something else that is unknown."

Mr. Pierce said these are all his comments.

Gary Funkhouser

Funkhouser said he has no comments.

Chair Eck

Chair Eck commented and offered the following corrections to the report, as follows:

- Page 14, paragraph 1, line 5, the spelling of the reference to "Kessell" does not match the spelling of "Kessel" on page 53 in the references cited, so one or the other needs to change.
- Page 21, with regard to the Portion of King's Official Map showing the D&RG Railway Yard, is this a figure Mr. Winters created, or a figure copied from the previous documentation that you were using.

Mr. Winters said it was from a prior report which is included in the appendix.

The parenthetical at the end of the caption of the figure is incorrect, because North is definitely not to the left, and North is most definitely straight up. It is left on page, so maybe clarify that.

- Page 39, the items are discussed in the Text Units, and referring back to the discussion of the items recovered from the trenches, "The items recovered from the trenches were grabbed out of the back dirt, not generated by screening, correct."

Mr. Winters said this is correct. He said, "As the dirt came out, it was examining each bucket load and after the fact, end of trench, examining the profiles and so forth, yeah."

Chair Eck said he thought as much. However, he said, "I would echo Mr. Pierce's observation about a pretty high artifact count, somebody borrowed most of somebody's midden to put over here and level this lot."

Mr. Winters said they actually did, noting he found that out after the fact from the architect who said I think they brought in a couple of feet of fill down here.

Mr. Pierce said it is important to note fill from another source.

Mr. Winter said this was after the fact.

- Page 45, Trench 1 Profile, there needs to be an arrow that says where north is.

Mr. Winters said what he left out, which would have made sense, is which wall profile we are looking at. He said this is the west wall.

Chair Eck said, "To Pierce's mention about foundations, I note that on the plan view on page 41, there is no indication of these foundations on the plan view for Trench 1.

Mr. Winters said right. He said, "Again, this was provided to me after the fact, this Plat, and I don't know if these are correct or if it speculation as to where those foundations at 212 McKenzie stood. I noted that it does line up for the most part... discovered during excavation."

Chair Eck said it would be nice to have the other foundations which aren't necessarily 212 McKenzie shown on page 41 in the Plan View in Trench 1, because there's more structure than 212 McKenzie, as evidenced by the signage in your backhoe trenches." He asked if those could be shown in Figure 11.

Mr. Winters said, "So you want it in Plan View besides in profile."

Chair Eck said, "Yes, so that at a glance one can see all evidence of foundations that you found in either trench and perhaps the cross-match with the foundations of 212 McKenzie.

Mr. Winters said he was depicting more where the trenches lie, rather than what was found in them, but he certainly can do that.

- Page 47, Figure 17, Trench 2, Chair Eck asked if it is looking south rather than west.

Mr. Winters said we would have to be looking south.

- On page 48, Chair Eck said the Trench Profile for Trench 2, again that's the west wall, and we need a north arrow, assuming that is consistent with the trench wall.
- Page 52, References Cited, Linda Cordell, the order of citations is non-standard.
- Page 53, reference to Kessell, the spelling isn't same as it in the text. Chair Eck asked him to fix whichever one is incorrect.

Mr. Murphey said since we do these testing reviews so infrequently, he asked that the maker of the motion state that this meets, in terms of location, testing and what they found, a clearance of the entire lot at 206 McKenzie Street.

MOTION: Gary Funkhouser moved, seconded by Derek Pierce, with respect to Case #AR-01-13, to approve the request for consideration of archaeological inventory and testing report for 206 McKenzie Street, located in the Historic Downtown Archaeological Review District, by Ron Winters for Dale F. Zinn & Associates, with the aforementioned corrections, finding that it meets the intent of the City of Santa Fe Archaeological Review District Ordinance (14-5.3) and Archaeological Clearance Permits (14-3.13(B)(1)(a) and (C)(3)(a)(iii)), by accepting this report, clearance is given for the entire lot, and to forward a copy of this approval to the State Archaeologist at the New Mexico Historic Preservation Division, as per NMAC 4.10.17.

VOTE: The motion was approved unanimously on a voice vote.

3. CASE #AR-02-13. REQUEST FOR CONSIDERATION OF RECONNAISSANCE SURVEY FOR 1020 CANYON ROAD, LOCATED IN THE HISTORIC DOWNTOWN ARCHAEOLOGICAL REVIEW DISTRICT THE REQUEST IS MADE BY DOUG BOGGESS, LONE MOUNTAIN ARCHAEOLOGICAL SERVICES, INC., FOR CODY NORTH, TRUE NORTH BUILDERS.

STAFF RECOMMENDATION: Staff recommends approval of the survey and testing report, as it meets the intent of the City of Santa Fe Archaeological Review District Ordinance (14-5.3) and Archaeological Clearance Permits (14-3.13(B)(1)(a) and (C)(3)(a)(iii)), and further recommends forwarding this approval to the New Mexico Historic Preservation Division, as per NMAC 4.10.17.

Mr. Murphey said he has nothing to add other than that approval of this survey is clearance for the whole lot.

Doug Boggess said he intended to submit this in time for the last ARC meeting, but was unable to attend because of illness.

Derek Pierce

Mr. Pierce said Mr. Boggess provided a nice overview of the nearby sites in the immediate area, sort of a synthesis at the neighborhood level on page 18, and he likes the way he did that.

Mr. Pierce said in the References cited there needs to be a 56 under William DuBois and the same on page 58 under Janet LeCompte. *hanging indentation*
one

Mr. Pierce said Melissa Payne's summary of the historic context was very good, and he really enjoyed it, noting it is a little different than what we usually see. He said he doesn't believe we have it at ARMS, and asked for a courtesy copy of Melissa Payne's Ph.D. dissertation.

Gary Funkhouser

Gary Funkhouser said he has no comment.

Chair Eck

Chair Eck referencing page 46, asked Mr. Boggess if he did the hand excavations first.

Mr. Boggess said he did a walk over. He said those were the last things he did which he had to do when the backhoe was available. He intended to do that, and when he got there, the guy was there with the backhoe.

Chair Eck noted he ended the excavation on encountering the "compact cobble bed and/or pea gravel, and the evidence of the backhoe trenches gave him a reason to do so. "Otherwise, I think I might have quibbled about stopping at 7 cm."

Mr. Boggess said this is one of those things where, okay, I guess I'm not doing what I planned to do today, I'm doing what I can do.

MOTION: Derek Pierce moved, seconded by Gary Funkhouser, with respect to Case #AR-02-13, to approve the request for consideration of reconnaissance survey for 1020 Canyon Road, located in the Historic Downtown Archaeological Review District by Doug Boggess, Lone Mountain Archaeological Services, Inc., for Cody North, True North Builders, with the aforementioned corrections, finding that it meets the intent of the City of Santa Fe Archaeological Review District Ordinance (14-5.3) and Archaeological Clearance Permits (14-3.13(B)(1)(a) and (C)(3)(a)(iii), to forward a copy of this approval to the New Mexico Historic Preservation Division, as per NMAC 4.10.17, and that this approval is clearance for the entire property.

VOTE: The motion was approved unanimously on a voice vote.

4. CASE #AR-03-13. REQUEST FOR CONSIDERATION OF MONITORING PLAN TO COVER PROPOSED EXCAVATIONS AT LOUIS MONTANO AND SANTA FE RIVER PARKS, BOTH LOCATED IN THE HISTORIC DOWNTOWN ARCHAEOLOGICAL REVIEW DISTRICT. THE REQUEST IS MADE BY THE OFFICE OF ARCHAEOLOGICAL STUDIES, FOR THE CITY OF SANTA FE PUBLIC WORKS DEPARTMENT, PARKS DIVISION.

A page containing two color photographs of the Bishop's Diversion, entered for the record by Bryan Drypolcher, is incorporated herewith to these minutes as Exhibit "3."

STAFF RECOMMENDATION: Staff recommends approval of the proposed monitoring plan as it meets the intent of the City of Santa Fe Archaeological Review District Ordinance (14-5.3) and Archaeological Clearance Permits (14-3.13(B)(1)(c) and further recommends forwarding this approval to the New Mexico Historic Preservation Division, as per NMAC 4.10.17.

Mr. Murphey said he has nothing to add.

Dr. Dello-Russo said they recognize that there is some State register, possibly national register status property in the Santa River where the Bishop's Garden Diversion is. He originally understood it was just the drop structure itself, but it includes some of the walls along the River as well. He said we need to be sure and address that in terms of how it is handled by the contractor and how to talk about it on the report. Other than that, he has no further remarks.

Chair Eck asked Dr. Dello-Russo, "By chance, did you run any of this by Michelle [Ensey], or anybody else."

Dr. Dello-Russo said Mr. Murphey sent an email with a cc to Michelle Ensey, so she is aware of it, but he hasn't talked with her about it yet.

Gary Funkhouser

Mr. Funkhouser said he has no comments.

Pierce

Mr. Pierce said he has no comments.

Chair Eck

Chair Eck said he has one question. He said this is work in the Historic Downtown Review District, but it's on "some flavor" of State property. He asked if the City listing of a person to do this will kick in, or can a person who is not listed on the City do this.

Mr. Murphey said, "If we were to apply it uniformly, it could be someone approved by the City on the City list."

Chair Eck said he brings this up, because on the next to the last page of the submittal, it says, "A crew of one, project director Richard Montoya, will monitor the excavation of all subsurface activities." He said this happens on State permits as well. Sometimes folks will set something up and I get a report later that says somebody else did the work, and that somebody else wasn't permitted, and the permitted person wasn't actually present. So, if someone is on the City's list of approved archaeologists isn't present, he is unsure the letter of that sentence will pass muster."

Dr. Dello-Russo said their intention was to have Rick permitted by the City, noting he was here a number of months ago, and he didn't pass muster at that time. He said they are intent on submitting his application for listing with the City at the next meeting, hopefully he'll do okay. He asked, if that doesn't happen, do you want him to change the wording there and put in somebody else.

Chair Eck said he could make it very generic and say, "A crew of one, a person listed on the City's list of approved archaeologists will be the monitor. That way, it removes the specific reference, and removes the 'what if's,' because we know that you will do it."

Dr. Dello-Russo said he will fix it.

MOTION: Gary Funkhouser moved, seconded by Derek Pierce, with respect to Case #AR-03-13, to approve the request for consideration of the monitoring plan to cover the proposed excavations at Louis Montano and Santa Fe River Parks, both located in the Historic Downtown Archaeological Review District, by the Office of Archaeological Studies, for the City of Santa Fe Public Works Department, Park Division, with the aforementioned correction regarding personnel to conducting the monitoring, finding that it meets the intent of the City of Santa Fe Archaeological Review District Ordinance (14-5.3) and Archaeological Clearance Permits (14-3.13(B)(1)(c)), and forward a copy of this approval to the New Mexico Historic Preservation Division, as per NMAC 4.10.17.

VOTE: The motion was approved unanimously on a voice vote.

Mr. Drypolcher provided color photos of the Bishop's Diversion [Exhibit "3"]. He said he is excited that the work is being done, because there is a really cool historic feature at risk of being damaged. He said if this were to fail, we would lose a grade of River upstream from this.

Chair Eck said he appreciates his concern for the failure of that structure, because he occupies work space that is below grade and he would be swimming if it failed. He said, "If this structure were to go, you would have tremendous head cutting faster than you can drive."

Mr. Drypolcher said it would happen very quickly and the grade there would change dramatically.

Dr. Dello-Russo asked, in order to report about this, if they need to have an architectural historian on board to deal with this, or "can we deal with it as archaeologists."

Chair Eck said it's on State property inside the Santa Fe River Park, and Ms. Ensey is the person of whom to ask that question. He said, "My gut feeling is she will be willing to take your word for everything and she won't require you to have such a person, but I can't say that for her."

Chair Eck said it is specific, it's something that is very archaeologist and something that you all can deal with, and I think she'll find a way to make it happen without hiring such a person.

Dr. Dello-Russo said that is his interpretation, because it's not actually a standing structure or building, it is more of a feature.

Chair Eck said it is much more like a CCC check dam.

5. CASE #AR-04-13. REQUEST FOR CONSIDERATION OF MONITORING PROGRAM AND REPORT COVERING TRENCHING CONDUCTED FOR WATER INSTALLATION FOR VARIOUS LOTS AT 616 EAST ALAMEDA, LOCATED IN THE HISTORIC DOWNTOWN ARCHAEOLOGICAL REVIEW DISTRICT. THE REQUEST IS MADE BY THE OFFICE OF ARCHAEOLOGICAL STUDIES, FOR ALARID CONSTRUCTION.

Mr. Murphey said the problem occurred as Mr. Alarid was putting in trenches for this water system, and personnel from the City saw him doing this, notified our office, and we had to get something quickly in place. He said within 3 days, OAS was out there and started back-filling.

STAFF RECOMMENDATION: Staff recommends approval of the monitoring program report as it meets the intent of the City of Santa Fe Archaeological Review District Ordinance (14-5.3) and Archaeological Clearance Permits (14-3.13(B)(1)(a) and further recommends forwarding this approval to the New Mexico Historic Preservation Division, as per NMAC 4.10.17.

Chair Eck

Chair Eck said the report has a reference to an author which is not consistent with some of the rest of the documentation, and he seeking to clarify. He said the cover page of OAS Preliminary Report No. 58, doesn't match the NIAF which refers to Archaeology Notes No. 453, and describes the authorship of a report under a different title to Stephen C. Lentz. He said if it is OAS Preliminary Report No. 58 that we are considering, then your citation on Richard Montoya is correct. However if it is, in fact Archaeology Notes No. 453, that we're considering, that seems to be associated with a different author.

Mr. Murphey said this is the cover sheet he received.

Dr. Dello-Russo apologized, saying this is something that slipped through the cracks.

Chair Eck said if it just a ministerial thing, then fix it, and asked which is correct.

Dr. Dello-Russo said he doesn't know, noting Mr. Lentz started out working on this project, and by the time it was wrapped up, Rick was in charge of it, and Steve was shifted to other projects, and Steve may have registered it as one thing, and Rick went to our publication people and asked for a different one.

Chair Eck asked if he prefers that it lists Richard Montoya, and Dr. Dello-Russon said that is fine.

Chair Eck said, "However it ends up, if it finally becomes Archaeology Notes No. Whatever, then just make it all match."

Chair Eck thanked him for doing this. He asked if he has anything further to add before the Committee members comment.

Dr. Dello-Russo said no, only that the contractor, Alarid Contracting, ended up doing the right thing in the end, and he appreciates that. He said Mr. Alarid ended up paying for everything in advance, which was awesome, so everything came out great in the end. He thanked Mr. Alarid for this.

Chair Eck also thanked Mr. Alarid.

Dr. Dello-Russo said there are times it doesn't work out as well, so this was a refreshing change.

Derek Pierce

Mr. Pierce said on the NIAF, Section 9, the Report Date, should be changed to January 28, 2013.

Gary Funkhouser

Gary Funkhouser said he has no comment.

Chair Eck

Chair Eck said on page 1, line 4, he can't read the inserted note on line 4, and asked what it should be.

Mr. Murphey said the change is on line 5, and it should be Historic Downtown Archaeological Review District.

Chair Eck said he had flagged page 3, Figure 2. Site Overview, because the duplication made it virtually impossible for him to understand it. However, he teased it out, and there are very long, skinny trenches running down the roadway.

Dr. Dello-Russo asked if he needs a better figure, and Chair Eck said no.

Mr. Murphey said the original on file with the City is very clear.

Chair Eck thanked Dr. Dello-Russo for a very clean synopsis of what happened. He again thanked Mr. Alarid for his cooperation.

MOTION: Derek Pierce moved, seconded by Gary Funkhouser, with respect to Case #AR-04-13, to approve the request for consideration of monitoring program and report, covering trenching conducted for water installation for various lots at 616 East Alameda, located in the Historic Downtown Archaeological Review District, by the Office of Archaeological Studies, for Alarid Construction, with the aforementioned corrections, and to forward the approval to the New Mexico Historic Preservation Division, as per NMAC 4.10.17.

VOTE: The motion was approved unanimously on a voice vote.

F. ADMINISTRATIVE MATTERS

Mr. Murphey said, "I wonder if, in future motions, if there needs to be substantial corrections to a report, if you could give a date, two weeks or a month. I am finding that some people aren't turning in their reports in a timely manner, maybe something that's generic."

Chair Eck asked if the City Code specifically address this.

Mr. Murphy said it does, but the deadline could be specifically set out in the motion, noting he believes the Code provides two week, or to the next meeting.

It was the consensus among the Committee to direct Mr. Murphey to research the Code regarding this matter, and report to this Committee at the next meeting.

G. COMMUNICATIONS

1. HISTORIC FORT MARCY INTERPRETATIVE DISPLAY

A copy of a brochure on Historic Fort Marcy entered for the record by John Murphey, is incorporated herewith to these minutes as Exhibit "4."

Mr. Murphey said he would like for the Chair to say a few words at the ceremony for the unveiling of the Historic Fort Marcy Interpretative Display on May 4, 2013. He said ARC has worked on this in the past, noting the matching money came from this Committee, and he thought it would be appropriate to have someone from the ARC represent that legacy. He said the lineup right now includes the Mayor, Aaron Marr, Chief of Trails, Park Service, someone from the Historic Santa Fe Foundation, the Historic Santa Fe Trails and National Coordinator and the Archaeological Review Committee.

Chair Eck said he will do it if no one else wants to do so.

H. MATTERS FROM THE COMMITTEE

The Committee discussed various issues in terms of disturbed sites where hundred of artifacts are found, and how the Committee should deal with that when it is written off as disturbed when this situation arises again. The consensus among the Committee is that it deserves attention in terms of how these things are to be handled programmatically.

Chair Eck asked if there is a way to address this in an explicit statement on paper, given that the Code is being rewritten in the near future. Is there a way to make a recognition that much of downtown Santa Fe contains secondary deposits that were obtained from several very likely, definable, knowable places and used for leveling fill elsewhere, and therefore a study of same can provide good and useful information, and to require that that be included in the discussion of the report.

Mr. Funkhouser said the likelihood of hitting such deposits is greater here than it is in general, so therefore it's not an exception to the stratigraphy, it is in fact part of the subsurface history of Santa Fe.

Chair Eck said you will find that under the Plaza, noting they found that under parts of the Convention Center, and around the County Courthouse where testing was done recently, as well as elsewhere.

Mr. Funkhouser said without taking some of this into consideration, the trenching then becomes just an exercise in trenching, because you frequently encounter disturbed deposits and questioned whether that satisfies the archaeological requirements. He said it can, but it requires a full explanation, more than two sentences in a report. He said the disturbance somehow needs to be explored itself – the level of the disturbance.

Mr. Pierce said it seems that we have reached a *de facto* position where the only scenario which would trigger a treatment plan is undisturbed, intact land, and there should be other scenarios that would trigger that.

Chair Eck said the trenching in Santa Fe is called testing, and technically if you call it archaeological testing, all such trenching in Santa Fe requires a State permit for the use of a backhoe on private property. It is conveniently seen as a search procedure, not an archaeological testing of an archaeological site, and that gets us past the requirement for a permit to operate a backhoe on an archaeological site on private land. It is a clumsy procedure at best, but it is what we have. His gut feeling is that seldom should anyone be allowed to put in backhoe trenches without screening some sample of the site. He would always like to see the hand excavation units done first before you stick in the backhoe trenches. He said, "If we have a nice, controlled excavation first, I think we would be better informed about the results of the backhoe trenching."

Mr. Pierce said in a case where there is 1 x 1 testing of an intact midden of great depth and density, you could maybe cancel the trenching, or at least postpone it.

Chair Eck said in some cases you dig a couple of 1 x 1's, and you find nothing, and then you put in your backhoe trenches you find stuff. In theory if people have satisfied the requirement of the Code, done their 18 square feet of hand excavation, and stick in x number of feet of backhoe trenching, they don't have to do any more. However, the archaeological side of me is begging them to put a 1 x 1 next to the backhoe trench and tell us what the heck is going on, because you've got these tantalizing things in the profile. A little investigation will actually tell us what is going on, but is that going across the threshold of requiring too much.

Mr. Funkhouser said he has a question of whether this clears the whole parcel if you don't put the trenches in where you can do so.

Mr. Pierce said where the only opportunity to dig your trenches is an area that is likely disturbed, starting in the road, that's not representative of the rest of the site.

Chair Eck said, "Deep down, I would to see more attention paid to how one goes about sampling these arbitrary slices of the universe that are known as lots, and being less willing to just accept, 'Yep. We slammed in the trenches. We're done'."

Chair Eck said he has seen OAS do a bunch of auguring, commenting he has a deeply held bias against trusting much in the way of results from auguring. He said they can verify certain things, but it is lousy search procedure because you can't see anything, it's just, 'up she comes,' and where did they come from. He said if there is stratigraphy exposed in a trench or a hand unit, and then you intelligently stuck augers in little nooks and crannies where you couldn't do any other kind of excavation, that might help define the lateral extent of certain stratigraphic phenomena, like negative redepositing, it might help. But again, that's a different methodology than most people use. He reiterated, "We're only required to do 18 sq. ft. of hand excavation."

Mr. Pierce said, "From rereading the Code last night, it seems the one area where we have discretionary power, is whether or not a treatment plan is required. We can always reject it and say you need to go to the next step. This seems to be the only latitude we really have."

Chair Eck said if we have something to "hang our hat on," in defense of the City, we step forth and say, "You have to do this treatment plan, and they scream, oh, we're being required to do more than our neighbor and we're exceeding the cost, etc.... We have to have some line of defense."

Mr. Murphey said one line of defense, as you know, is that if it does exceed a certain cost, we have a fund to pay for the difference, which has not been tapped in quite a while.

Chair Eck said the total overall project cost is applied as a limit against the archaeological requirements. He asked Mr. Murphey if he is the comptroller of that fund.

Mr. Murphey said he is not.

Mr. Pierce said the limit is 1% of the total cost of the valuation of the property.

Chair Eck said in some cases, putting in the backhoe trenches and the hand tests already exceed that amount. In many cases, it doesn't come anywhere near to even one-tenth of one percent, so it is a sliding scale.

The Committee discussed the fund about which Mr. Murphey was talking.

Mr. Murphey said the funds are controlled by the Director of the Land Use Department.

After discussion, it was the consensus among the Committee to direct staff to research the fund and tell us the whole situation – how much is in the fund, who controls the fund, where does the fund reside, what is the mechanism for this Committee to tap the fund, what are the checks and balances for the use of those dollars and how the person is informed that the funds are available, who makes the request to participate in those funds, and who approves the requests.

Mr. Pierce said he just found the language which specifies how long people have to submit a corrected report which provides, "Shall be returned with corrections to the Land Use Director within 45 days of the date the permit was approved." So they need to submit the corrections to you within 45 days. And, if they fail to do so, they are not entitled to bring any more items before this Committee until that is resolved.

Chair Eck asked if the Committee would like to have language in the motions for approval, or would it just behoove us to mention it during deliberations.

Mr. Murphey said he thinks just a general notice of it to refresh peoples' memories.

It was suggested the motion/second would include language to the effect, "that corrections to this report, in accordance with City Code, are due to the Land Use Director within 45 days."

Mr. Murphy said sometimes he doesn't find the final report in the files, but clarified for most it is submitted within a day or two.

Derek Pierce said he won't be able to attend the April 18th meeting of this Committee.

I. BUSINESS FROM THE FLOOR


There was no business from the floor.

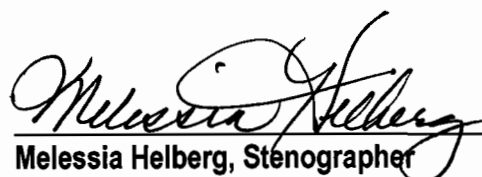
J. ADJOURNMENT

There was no further business to come before the Committee.

MOTION: Gary Funkhouser moved, seconded by Derek Pierce, to adjourn the meeting.

VOTE: The motion was approved unanimously on a voice vote, and the meeting was adjourned at approximately 6:15 p.m.

 21 March 2013
David Eck, Chair


Melessia Helberg, Stenographer



**LAND USE DEPARTMENT
HISTORIC PRESERVATION DIVISION**

MEMO

Date: February 21, 2013

To: Public Works Department, Roadway and Trails Engineering Division

From: Archaeological Review Committee Chair _____
John Murphey, Planner Senior _____
David Rasch, Planner Supervisor _____

Subject: Archaeological Review-La Tierra Trails

Please be advised that archaeological review of projects falling under the La Tierra Trails La Tierra Trails-Master Trails Plan shall be guided by the "Comprehensive Archaeological and Cultural Resources Background Study for the La Tierra Trails (LTT) Open Space Area, City of Santa Fe, New Mexico" (Raymond, Gary, December 31, 2012), a document approved by the Archaeological Review Committee at the February 21, 2013 hearing under Case# AR-20-12.

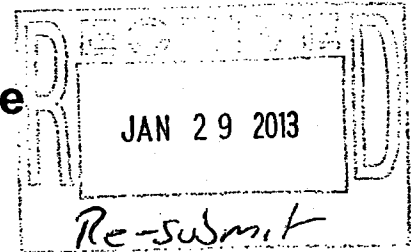
Exhibit "1"



Archaeological Review Committee

Application for Project Review

AR-20-12



DISTRICT

Historic Downtown _____

River and Trails _____

Suburban ☒

APPLICATION

Monitoring Plan _____

Reconnaissance Report _____

Preliminary Treatment Report _____

Archaeologist/Historian Listing _____

Monitoring Report _____

Treatment Plan _____

Final Treatment Report _____

Other ☒

Report Name _____

NMCRIS# _____

PROJECT

Project Name COMPREHENSIVE LTT

Project Location NW Quadrant North of 599 Open Space area

Project Surface Disturbance (sq. ft.) _____

Development Acreage _____

Utility Type _____

Utility length _____

APPLICANT

CRITERION ASSOCIATES P.O. BOX 50667 ALBUQUERQUE NM 87181

Archaeological Consultant

Address

Phone

COSF ENGINEERING DEPT.

Applicant

Address

Phone

Owner (if different)

Address

Phone

I certify that the documents submitted herein to the Archaeological Review Committee meet the minimum standards set forth in the Archaeological Ordinance, Section 14-5.3 and applicable policies. Failure to meet these standards, policies, or incomplete submissions may result in a delay processing this application.

Gerry Raymond

Signature of Archaeological Consultant or Applicant

29 JAN 2013

Date

FOR OFFICIAL USE ONLY

Date Received 01/29/13

Case AR-20-12

Hearing Date 02/21/13

Letterhead...
Memo formatting...
Routing information...

Please be advised that archaeological review of all projects falling under the La Tierra Trails La Tierra Trails-Master Trails Plan shall be guided by the "Comprehensive Archaeological and Cultural Resources Background Study for the La Tierra Trails (LTT) Open Space Area, City of Santa Fe, New Mexico" (Raymond 2012), a document approved by the Archaeological Review Committee at the 21 February 2013 hearing under Case # AR-20-12.

All such reviews shall be further informed by the findings of "The Cultural Resources Survey of the City of Santa Fe's Northwest Quadrant, Santa Fe County, New Mexico" (Huntley, et al. 2009) and "An Archaeological Survey for the Community Development Program, Santa Fe, New Mexico" (Wiseman 1978).

All archaeological subcontractors working on projects within the LTT shall be provided with copies of the LTT background study document upon request and at the expense of the Public Works Department of the City of Santa Fe (City) prior to their authorization to perform any work in the LTT. Copies of the other two documents shall be made available upon request through the normal procedures of the City's Land Use Department, Historic Preservation Division.

Further, it shall be required that all archaeological work conducted within the LTT shall conform to the requirements for work under a state permit, as set forth in state regulations (4.10.8, 4.10.15, 4.10.16, and 4.10.17 NMAC).

Finally, all archaeological work conducted within the LTT shall meet the following minimum standards for area to be covered during fieldwork:

1. Linear surveys shall include a corridor measuring a minimum of 50 feet (15 meters) in width, and include a minimum buffer zone of 25 feet (8 meters) around the limits of the designed project.
2. Area surveys shall include a minimum buffer zone of 25 feet (8 meters) around the limits of the designed project.

Reports of work submitted to the Archaeological Review Committee (ARC) that fail to meet these specifications shall not be accepted. The ARC may consider requests to vary from these specifications on a case-by-case basis, but shall do so only in advance of authorizations for any work that is to be conducted.

Exhibit "2"

LA No.	Site Description	Cultural/ Temporal Affiliation
153860	Lithic debitage, stone tool manufacturing, ash stain, soil stain, thermal feature	Archaic/Unspecific Archaic (5500 BC to AD 200)
153861	Lithic debitage, chipped stone tools, stone tool manufacturing, activity area	Anasazi/Coalition to Classic (AD 1200 to 1600)
153862	Lithic debitage, no features	Unknown/Unknown
153863	Lithic debitage, stone tool manufacturing, prehistoric diagnostic ceramics, ash stain, garden plot /grid garden? (2)	Anasazi/Classic (AD 1325-1600)

*** Also included in Table 2.**

There is a total of 83 sites with 86 components within 500 meters of the LTT area, but beyond the boundaries. Of the 83 sites, most (n=55, 66%) are clustered in the area to the southeast of the LTT area, and were identified during the 2005-2006 survey by Southwest Archaeological Consultants, Inc. (Huntley et al. 2009, NMCRIS No. 100723). During that survey of 449.3 acres, 133 sites were documented, a very high site density of 1 site per 3.4 acres. That survey is discussed above, and consists of a large database to project initial expectations of the nature of sites and land use in the LTT area.

Of the 83 total sites in the project vicinity, 39 (47%) are artifact scatters with no features, 40 (48%) are sites with artifact scatters and features, while 4 (5%) have features but no associated artifacts. Of the 86 components, 8 (10%) are designated as prehistoric, 9 as Archaic (10%), 28 as various phases of the Pueblo period (33%), 3 as historic (3%) and 38 (44%) as unknown.

Explanation of the high site density in the area south of NM 599, relative to the much lower site density in the area north of NM 599 have not been offered, and would be an important research issue to pursue in future surveys and reconnaissances in the LTT area. Numerous factors, no doubt, played a part in the apparent differences in land use patterns between the two areas. Differences in site definitions and survey and site recording methodologies likely played a role in the differences, and may explain some part in the differences. Other issues to consider include environmental and landscape setting, erosional conditions, geomorphological and geoarchaeological characteristics, resource biomes, distribution of lithic materials, and proximity to water.

LISTED PROPERTIES

No property listed on the National Register of Historic Places or the New Mexico State Register of Cultural Properties is within 500 m of the APE of the current undertaking, nor is the project area within a COSF designated historic district.



"Bishop's
Diversion"
grade control
structure.
Summer,
2010



Original(?)
limestone
slab structure

Earlier
stabilization
effort, grouted
river rock

More recent
undercutting
and scour below
the structure

Total drop,
8 to 10 feet

Exhibit "3"



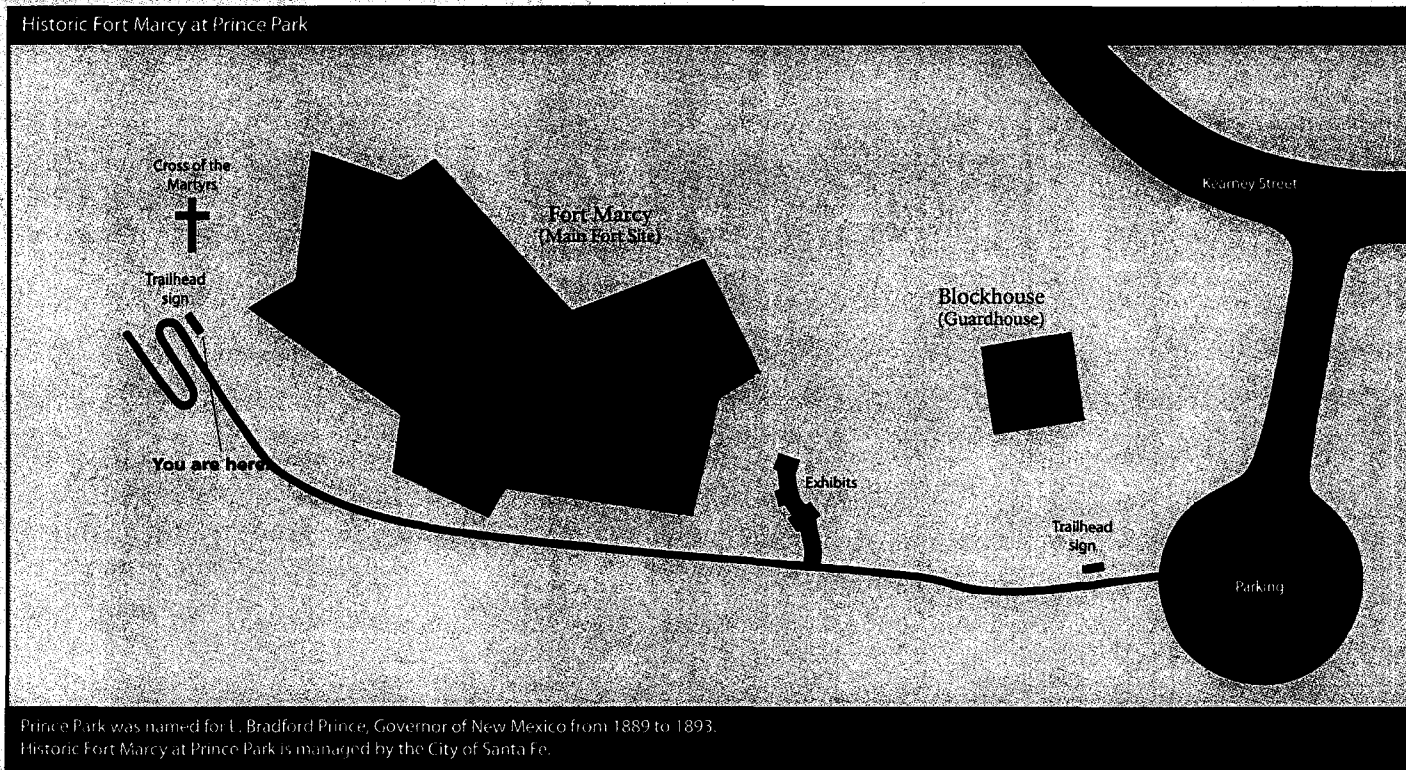
Welcome to Historic Fort Marcy

Fort Marcy was constructed in 1846 at the outset of the Mexican-American War by the U.S. Army following the invasion and capture of the Mexican city of Santa Fe. The Americans built a fort atop this hill to protect the troops in the case of an uprising. The fort provided a clear view of Santa Fe and sent a message to its residents that the city had a new government.

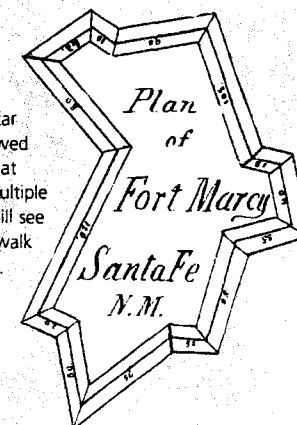
The fort is listed on the National Register of Historic Places and the State Register of Cultural Properties. Fort Marcy has been certified as a site along the Santa Fe National Historic Trail.

Follow the sidewalk to learn more about the history and construction of Fort Marcy.

Historic Fort Marcy at Prince Park



Prince Park was named for L. Bradford Prince, Governor of New Mexico from 1889 to 1893. Historic Fort Marcy at Prince Park is managed by the City of Santa Fe.



Fort Marcy was designed as a "star fort," which allowed defenders to fire at attackers from multiple directions. You will see the ruins as you walk through the park.

This exhibit was made possible through a partnership between the City of Santa Fe, New Mexico State Historic Preservation Division, and the National Park Service. Working to foster the appreciation and preservation of the Santa Fe National Historic Trail, the National Park Service works with federal, state, and local agencies; American Indian tribes; non-government organizations; and private landowners.

Learn more: nps.gov/safe or santafetrail.org

Exhibit 14

Exhibit 14



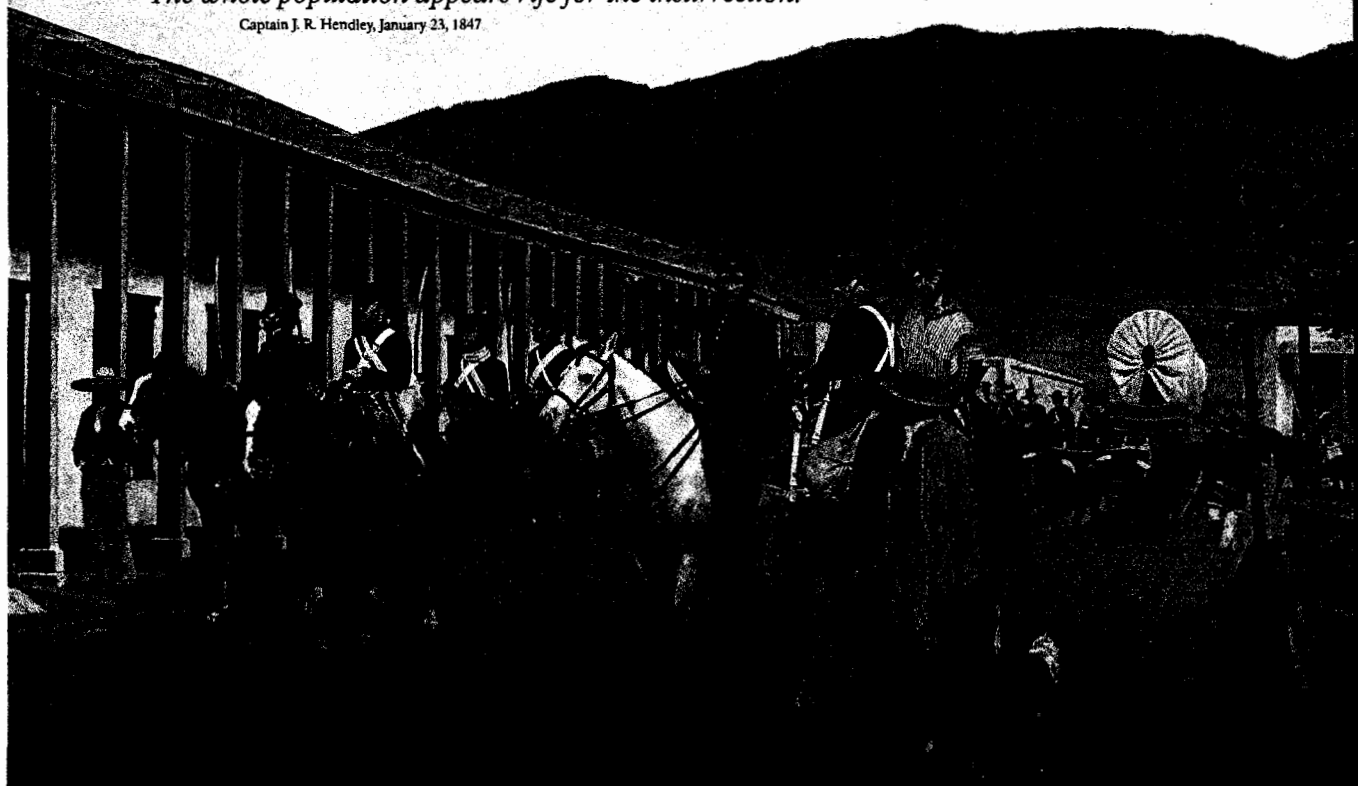
Invasion of Santa Fe

U.S. President James K. Polk assigned the invasion of New Mexico and California to General Stephen Watts Kearny, who marched the Army of the West into Santa Fe on August 18, 1846. Governor and Commanding General Manuel Armijo had publicly demanded resistance to U.S. invasion, but he and his troops retreated in the face of Kearny's 1,500-man army.

Soon New Mexicans took up arms. They were afraid that the Americans would take away their land, culture, and religion. Some incidents, such as a skirmish between a U.S. military patrol and New Mexicans southeast of Las Vegas, left men dead. An uprising in Taos by New Mexicans and Pueblo Indian men resulted in the death of the appointed governor, Charles Bent.

"The whole population appears rife for the insurrection."

Captain J. R. Hendley, January 23, 1847



This 1846 illustration of La Parroquia, the parish church which became St. Francis Cathedral Basilica, shows Fort Marcy in the background. This is one of the few images of the fort. Courtesy of the Yale Collection of Western Americana, image no. 2554 848493

Symbolism of the Fort

Fort Marcy was never intended to be a permanent fortification. If needed, it was a place where troops could retreat, but its larger goal was to serve as a symbol of American military control. From the fort on the hill, all of Santa Fe was within gunshot.

The American military post and U.S. flag were a constant reminders to the New Mexicans of a foreign military presence, but the center of military activity was at the Post of Santa Fe. Located between the fort and the Palace of the Governors, it included the hospital, gardens, storehouses, and headquarters.

Abandonment of the Fort

In November 1847, the artillery from Fort Marcy was moved to Army buildings closer to the plaza. In 1856, a traveler noted "the ruins of old Fort Marcy."



Witnessed from Fort Marcy Hill

You are standing on Fort Marcy hill, a site of human occupation for a thousand years. Puebloan Indians and their ancestors lived here. Between 1600 and 1680, the hill was common land for Santa Fe colonists. The Spanish built a small fort on a hill nearby to house the *guardia de prevencion*, the city guard. In 1846, early in the Mexican-American War, the hill became a haven for U.S. Army soldiers, who were threatened by local people opposing American occupation.

Turbulent times were seen from this hill above Santa Fe. The election of President James K. Polk in 1844 pushed the United States towards a policy of westward expansion. While the U.S. government annexed Texas and looked west at the Mexican provinces of New Mexico and California, Mexico refused to negotiate. Following a skirmish between Mexican troops and an American mounted patrol in a disputed area along the Texas-Mexico border, President Polk declared war on May 13, 1846.



"The End of the Trail," by Gerald Cassidy, depicting Northern Mexico, 1876.
Courtesy of the Palace of the Governors (MSSMDC), negative no. 6877

Three Trails to Santa Fe

The hustle and bustle of trade unfolding on the plaza below could be witnessed from Fort Marcy hill. Before 1821, the 1,600-mile El Camino Real de Tierra Adentro (Royal Road of the Interior), from Mexico City to Santa Fe, had served as Santa Fe's only legal trading route and communications link with the outside world.

After Mexico gained independence from Spain in 1821, early traders like William Becknell discovered that there were big profits to be made by bringing trade goods over the 900-mile Santa Fe Trail that stretched between Missouri and Santa Fe. Soon, New Mexico merchants traveled over a third route, the Old Spanish Trail, trading wool for horses and mules in California.

With travel along three trails, Santa Fe became a major trading hub. Two-way commerce along the trails fostered international business, because merchants now had connections from Mexico to New York, London, and Paris. Ultimately, the Santa Fe Trail also became a major route for the American invasion of Mexico.

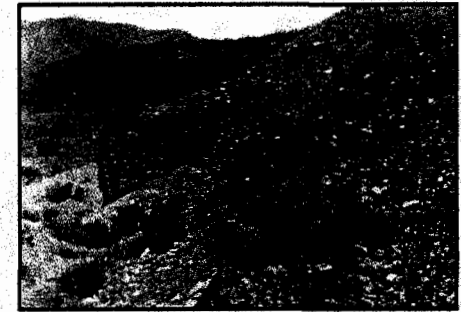


The Blockhouse Ruins

The large mounds you see on the rise to the right are the eroded remains of the walls of Fort Marcy's blockhouse. It was built in 1846-1847 on the highest place on Fort Marcy hill for use as a guardhouse and soldiers' quarters. Unlike the fort, blockhouse designer Gilmer ordered that the walls be constructed of sun-dried adobe bricks made in town by local workmen. The timber ceiling was covered with 2 to 3 feet of dirt. The interior walls were finished with white lime plaster.

"Nothing was left of Fort Marcy. Even the adobe walls had fallen. It was strange to stand there that evening where I had played more than eighty years before. Was it imagination, or did I hear voices? The half-remembered voices of children...or was it the sound of wind sighing down over the mesa?"

Marion Sloan Russell, 1850s resident of Santa Fe, revisited the city during the 1930s.



Courtesy of the Palace of the Governors (JNM/DCAL)

Pictured are the ruins of an adobe building. After construction at Fort Marcy ceased in 1847, rain and wind began to wear away the high dirt walls. By the mid-1850s, children had claimed the fort as a playground, where they could conduct pretend battles among the ruins. By the 1880s, world-renowned Southwest archaeologist and Santa Fe resident Adolph F. Bandelier was intrigued with the ruins. He reported on his visits to the fort, and made detailed notes about the artifacts he discovered.

By the time this photo was taken in 1912 the old fort walls had become low mounds.
Courtesy of the Palace of the Governors (JNM/DCAL)



"Fort Marcy had been in ruins many years, but an old two-story building still stood there. Inside the building was another smaller one that was supposed to have been used by sharp shooters during the Mexican War. Erosion was opening many of the graves..."



First Army Fort in the Southwest

Named for then-Secretary of War William L. Marcy, Fort Marcy was the first U.S. Army fort in the American Southwest. Commanding officer Brigadier General Stephen Watts Kearny directed Lieutenant William Emory to find the most "commanding" site in town for construction of a fort to protect the troops in the event of a local uprising. The fort also reminded New Mexicans of the power of their new American rulers.

The completed Fort Marcy was never garrisoned by soldiers nor saw the firing of a single shot. By the end of 1847, the guns had been removed and the adobe walls and other features began the slow process of erosion that continues today.



General Stephen Watts Kearny

Even though thousands of people passed through Santa Fe in the mid-1800s, there are few photographs, illustrations, or other clues about the early years at Fort Marcy. What little we know about its construction comes from U.S. Army reports from officers such as Kearny, soldiers' letters home, and travelers' journal entries.

Fort Marcy as it may have appeared in 1846-1847. The main fort and its dry moat was built first, then the platform for gun emplacements, storage magazine for ammunition, and blockhouse. Today you can see the eroded remnants of the fort and blockhouse.

Building Fort Marcy

Lieutenant J. F. Gilmer, designer of Fort Marcy, first determined the shape of the fort, and then excavated a dry moat around it to shelter troops from enemy fire. Dirt from the moat was used to build nine-foot-high ramparts—earthen embankments topped with adobe walls to shield troops from attack. You can see deep depressions in the ground beyond this exhibit where the moat was located. The long, raised mounds that you can see on this end of the hill are all that remain of the ramparts.

The fort was built using rammed-earth construction. Troops hauled water up the hill, dampening soil whenever 10 inches were added to the walls. They then walked on top of it to compact each layer. The adobe walls on top contained pieces of broken pottery, bits of worked stone, and corn cobs from the hill's prehistoric occupation. Because there was no milled timber for gun emplacements, Gilmer reported that he intended to place cannons on "earthen platforms made firm by pounding."