



**US Army Corps
of Engineers**
Omaha District

PUBLIC NOTICE

Application No: 200340188
Applicant: Cheyenne Board of Public Utilities
Waterway: Middle Crow Creek
Issue Date: November 27, 2003
Expiration Date: December 11, 2003

15 DAY NOTICE

Wyoming Regulatory Office 2232 Dell Range Blvd., Suite 210 Cheyenne, Wyoming 82009

**JOINT NOTICE OF PERMIT PENDING
U.S. ARMY CORPS OF ENGINEERS
AND
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY**

On October 28, 2003, the U.S. Army Corps of Engineers, Wyoming Regulatory Office issued a 30-day public notice soliciting comments on an application by the Cheyenne Board of Public Utilities for authorization to construct the Crystal Canyon Extension of the Sherard Raw Water Delivery Pipeline. The Corps recently recognized that the public notice was incomplete because it lacked project drawings referenced in the notice. Therefore, the Corps is hereby extending the comment period for an additional 15 days and providing the referenced drawings to correct the previous error. The entire notice is also reproduced herein to facilitate review by interested parties.

The application of the Cheyenne Board of Public Utilities, 2406 Snyder Avenue, Cheyenne, Wyoming, 82001, is being considered by the District Engineer, U.S. Army Corps of Engineers, Omaha, Nebraska, for approval of plans and issuance of a permit under the authority of the Secretary of the Army. A permit, if issued, will be under the provisions of Section 404 of the Clean Water Act of 1972, as amended.

The applicant has requested authorization to construct the Crystal Canyon Extension of the Sherard Raw Water Delivery Pipeline. The purpose of the project is to increase the capacity and reliability of the water delivery system from Crystal Reservoir to the Sherard Water Treatment Plant (SWTP), which serves the City of Cheyenne. The project area is located in the northwest quarter of Section 25 and the northeast quarter of Section 26, Township 14 North, Range 70 West, Laramie County, Wyoming. A map showing the project location is also attached.

The proposed project includes installation of a 50-inch diameter steel pipeline parallel to an existing 30-inch concrete pipeline that was installed in the 1960's. The 50-inch pipeline would extend from the outlet works at Crystal Dam to the Hecla Diversion Structure (HDS) where it would tie-in to the system. A 36-inch steel pipeline was installed from the HDS to the SWTP in 2001 providing additional capacity and reliability for the remainder of the system.

The pipeline route from Crystal Dam to the HDS is through Crystal Canyon where Middle Crow Creek is located. The total distance is 4,810 feet and 3,600 feet is within the canyon. The applicant's preferred alternative is to bury the pipeline within the channel of Middle Crow Creek due to topographic constraints in the canyon and the need to preserve the 30-inch pipeline which is parallel to the stream channel. The entire width of the creek channel and some wetland areas would be filled for a distance of 3,050 feet and half of the channel would be filled for a distance of 200 feet. The final contours will form a channel capable of conveying water.

Flow in Middle Crow Creek is limited by releases from Crystal Dam. Currently, 0.62 cubic feet per second is released during the period from May 10 through June 15 to satisfy one downstream water right. The proposed project also includes an irrigation discharge line at the HDS which would allow the applicant to change the operation by transporting irrigation water from the dam to the HDS using the 50-inch pipeline instead of the stream channel. The proposed change in operation would benefit the applicant by reducing conveyance loss but would also reduce the amount of water released from the dam to small amounts discharged for water sampling only.

The project as proposed would require filling 1.93 acres of stream channel and 0.20 acre of wetland adjacent to the stream. It would also be necessary to excavate and backfill a trench resulting in temporary disturbance to an additional 0.17 acre of wetland outside of the canyon. Fill material will consist of 5,500 cubic yards (cy) of pea gravel to bed the pipeline and 3,710 cy of rock as cover which will form the new streambed and prevent scour. Drawings of the proposed project are attached. More detailed information on the proposed project and alternatives submitted with the permit application is available from the Wyoming Regulatory Office web site at <http://www.nwo.usace.army.mil/html/od-rwy/Wyoming.htm>.

The U.S. Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies; Indian tribes; and other interested parties in order to consider and evaluate the impacts of the project. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental affects, and other public interest factors. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the project.

Any person may request, in writing and within the comment period specified in this notice, that a public hearing be held for the purpose of gathering additional information. Requests for public hearings must be identified as such and shall state specifically the reasons for holding a public hearing and shall identify what additional information would be obtained. The request must be submitted to the Corps at the following address:

U.S. Army Corps of Engineers
Wyoming Regulatory Office
2232 Dell Range Boulevard, Suite 210
Cheyenne, Wyoming 82009

Any interested party (particularly officials of any town, county, state, federal agency, or local association whose interests may be affected by the project) is invited to submit to this office written facts, arguments, or objections on or before the expiration date of this notice. Any agency or individual having an objection to the project should specifically identify it as an objection with clear and specific reasons. Comments, both favorable and unfavorable, will be accepted, made a part of the record and will receive full consideration in subsequent actions on this application. All replies to the public notice should be mailed to the address listed above. Mr. Thomas Johnson, telephone number (307) 772-2300, may be contacted for additional information.

The Wyoming Department of Environmental Quality (WDEQ), Water Quality Division, Herschler Building, 122 West 25th Street, Cheyenne, Wyoming 82002, will review the project with an intent to certify in accordance with provisions of Section 401 of the Clean Water Act of 1972, as amended. The certification, if issued, will express the state's opinion that the project will not result in a violation of applicable water quality standards. The WDEQ hereby incorporates this public notice as its own public notice and procedures by reference thereto.

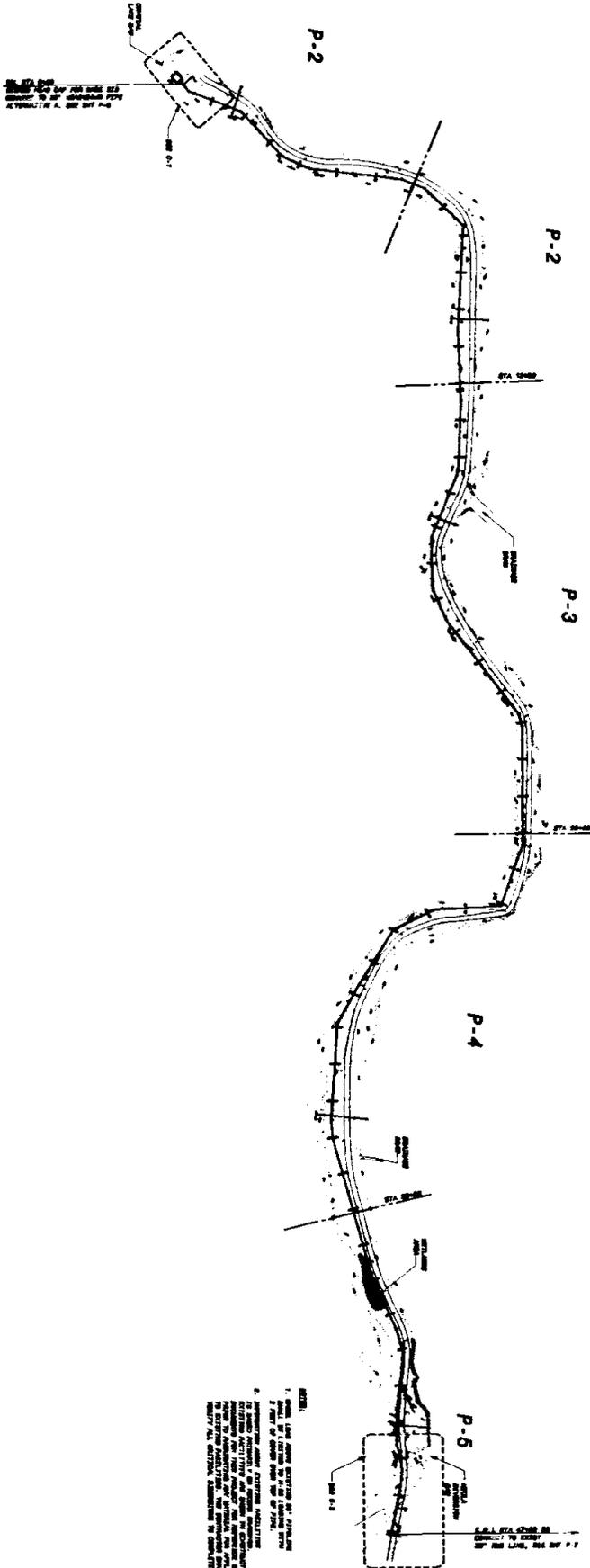
The Corps will comply with the National Historic Preservation Act of 1966. The applicant has agreed to conduct a Class I survey for cultural resources within the permit area. The Corps will consider comments in response to this public notice and will review the results of the survey to determine if any historic properties are subject to affect. The Corps will consult with the State Historic Preservation Officer as needed and may require a Class III survey of the permit area to check for unknown historic properties, if warranted.

On February 13, 2003, the U.S. Fish and Wildlife Service (USFWS) issued a Biological Opinion on the affects of the Sherard Water Treatment Plant (SWTP) expansion on threatened or endangered (T&E) species and critical habitat pursuant to Section 7 of the Endangered Species Act of 1973. The SWTP expansion includes the proposed Crystal Canyon Extension. Surveys of the permit area for habitat suitable for listed species has also been completed. No suitable habitat exists and the USFWS has concurred with the survey results. Therefore, formal consultation with the USFWS on the SWTP expansion has been completed and no further analysis of other affects on T&E species in the permit area is required.

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the project on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife, flood plains, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and considerations of property ownership. In addition, the evaluation will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404 (b) of the Clean Water Act of 1972, as amended (40 C.F.R.; Part 230).

Comments received after the close of business on the expiration date of this public notice will not be considered.

All public notices issued by the Wyoming Regulatory Office can be obtained by visiting its web site at <http://www.nwo.usace.army.mil/html/od-rwy/Wyoming.htm>.

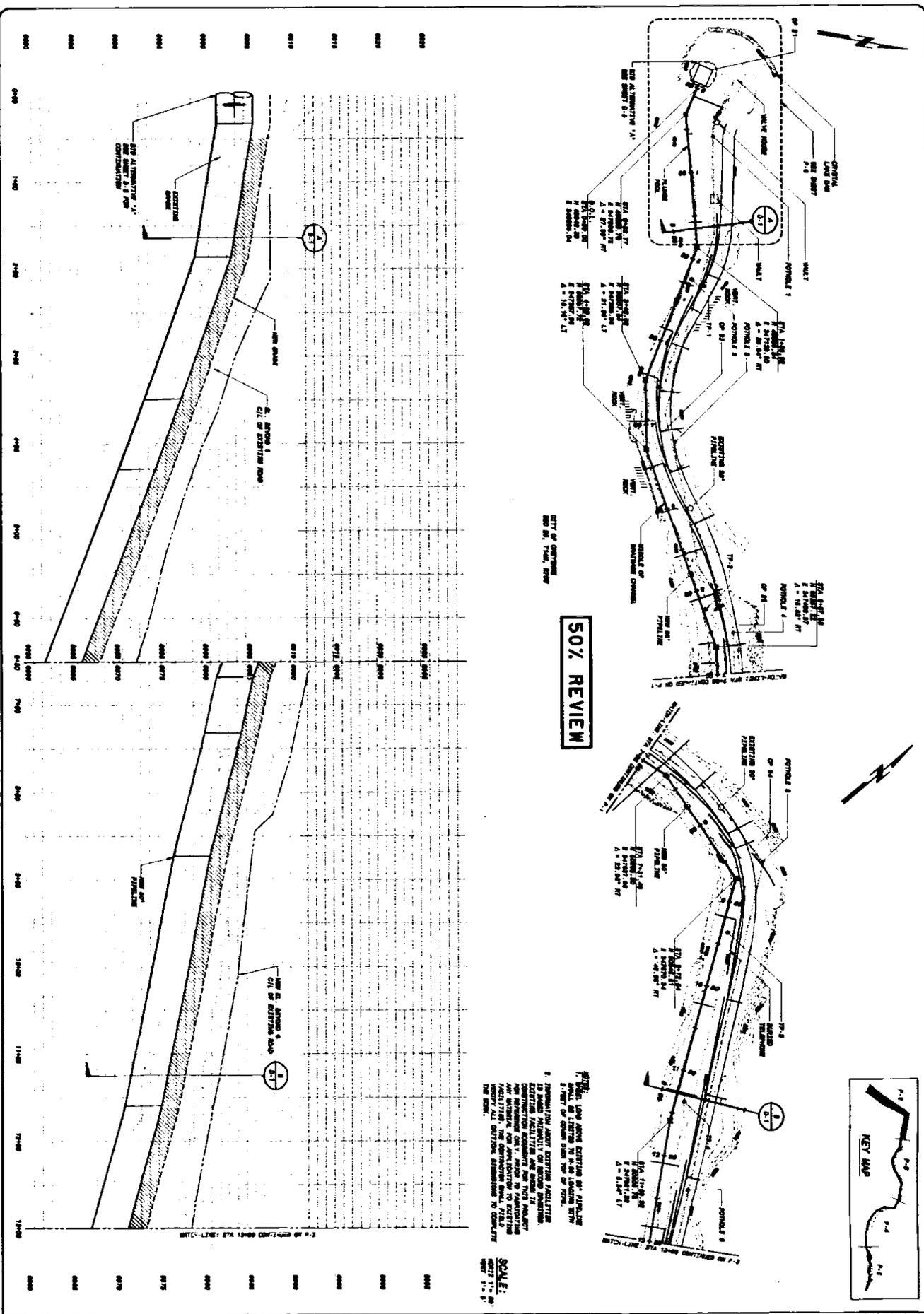


1. ALL DIMENSIONS ARE IN FEET AND INCHES.
 2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
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50% REVIEW

CITY OF CHEYENNE, WYOMING BOARD OF PUBLIC UTILITIES SHERARD RWD CRYSTAL CANYON EXTENSION	 BLACK & VEATCH Corporation <small>Black & Veatch</small>	REVISIONS AND RECORD OF SHEET	
		SHEET NO. 150 SHEET TOTAL 150	SHEET NO. 150 SHEET TOTAL 150
PLAN AND PROFILE MASTER SITE PLAN	PROJECT NO. 98922 SHEET NO. 150 SHEET TOTAL 150	DATE: 10/15/2008 DRAWN BY: J. [Name] CHECKED BY: [Name]	DATE: 10/15/2008 DRAWN BY: J. [Name] CHECKED BY: [Name]



50% REVIEW

NOTES:
 1. SEE SHEET 04-00 FOR EXISTING AND PROPOSED UTILITY LINES AND STRUCTURES.
 2. EXISTING AND PROPOSED UTILITY LINES AND STRUCTURES ARE SHOWN IN ACCORDANCE WITH THE CITY OF CHEYENNE STANDARD SPECIFICATIONS FOR UTILITY LINES AND STRUCTURES.
 3. THE CITY OF CHEYENNE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

SCALE:
 HORIZONTAL 1" = 40'
 VERTICAL 1" = 5'

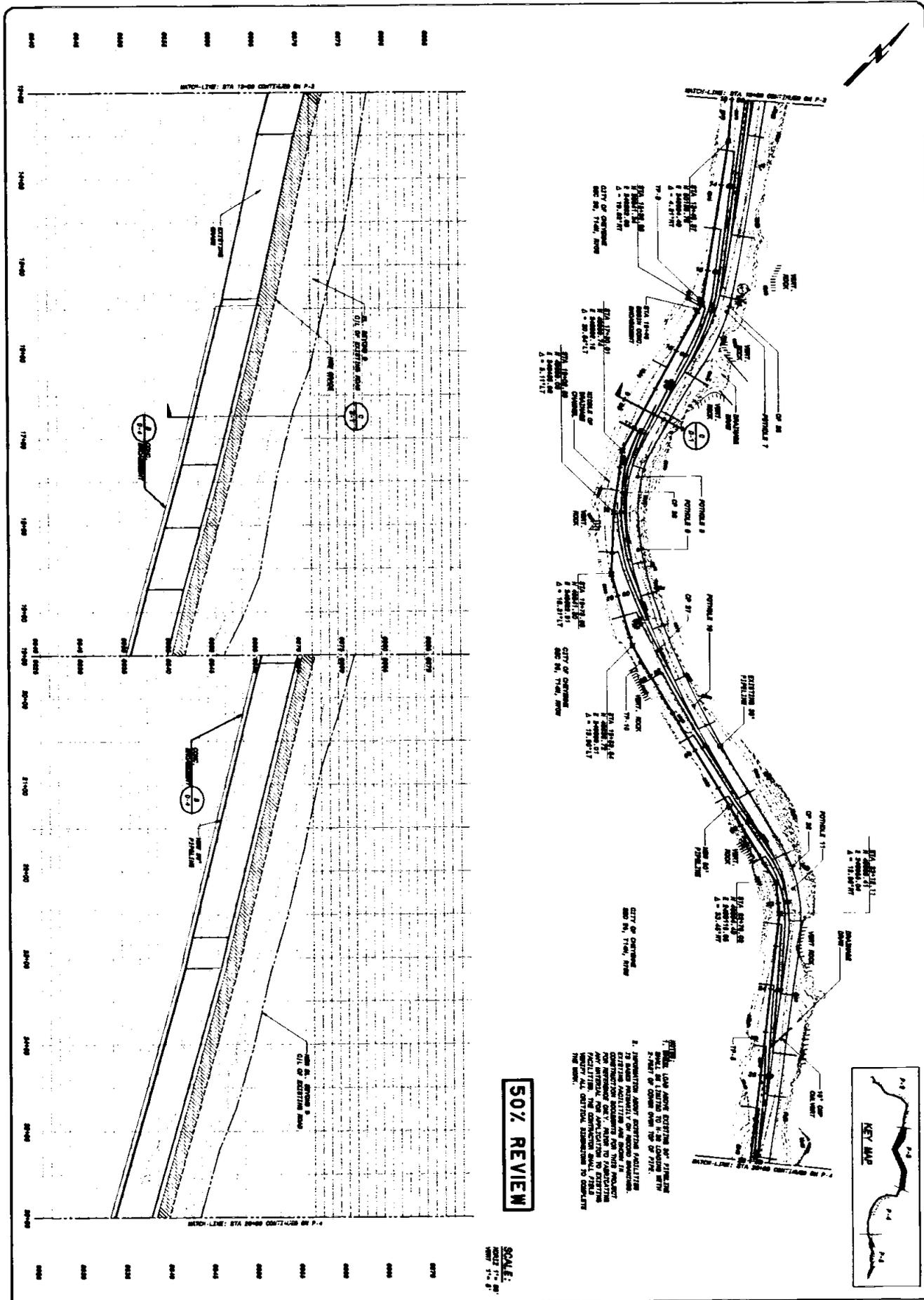
CITY OF CHEYENNE, WYOMING
BOARD OF PUBLIC UTILITIES
SHERARD RWD CRYSTAL CANYON EXTENSION

PLAN AND PROFILE
 STA - 0+00 - 13+00



DATE	BY	REVISION
07/27/2007	J. J. BROWN	1. INITIAL DESIGN
08/01/2007	J. J. BROWN	2. REVISED DESIGN
08/01/2007	J. J. BROWN	3. REVISED DESIGN
08/01/2007	J. J. BROWN	4. REVISED DESIGN
08/01/2007	J. J. BROWN	5. REVISED DESIGN
08/01/2007	J. J. BROWN	6. REVISED DESIGN
08/01/2007	J. J. BROWN	7. REVISED DESIGN
08/01/2007	J. J. BROWN	8. REVISED DESIGN
08/01/2007	J. J. BROWN	9. REVISED DESIGN
08/01/2007	J. J. BROWN	10. REVISED DESIGN

PROJECT NO: 98922
 SHEET 04-00



50% REVIEW

SCALE:
 HORIZ. 1" = 40'
 VERT. 1" = 2'

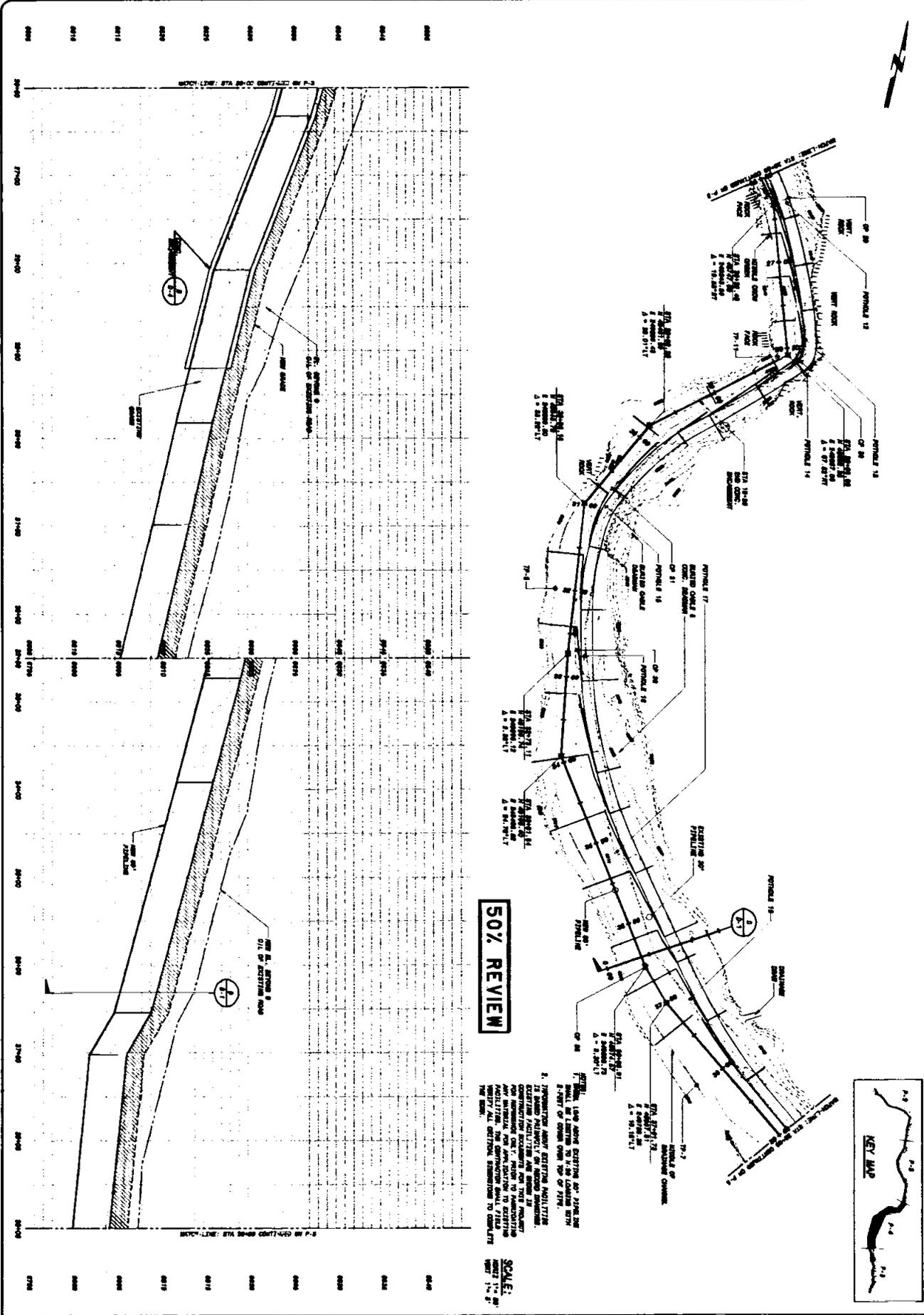
CITY OF CHEYENNE, WYOMING
BOARD OF PUBLIC UTILITIES
SHERARD RWD CRYSTAL CANYON EXTENSION

PLAN AND PROFILE
 STA - 13+00 - 26+00



PROJECT NO. 98922
 SHEET PP-3 OF 3

DATE	DESCRIPTION AND NAME OF JOB
08-20-08	CONTRACT NO. 08-00000000000000000000
08-20-08	PROJECT NO. 08-00000000000000000000
08-20-08	PLANTING NO. 08-00000000000000000000
08-20-08	CONTRACT NO. 08-00000000000000000000
08-20-08	PROJECT NO. 08-00000000000000000000
08-20-08	PLANTING NO. 08-00000000000000000000



50% REVIEW

1. PROPOSED ROAD EXTENSION SHALL BE LIMITED TO 4'-0" LANEWAY WITH 2'-0" OF OPEN GRASS TOP OF R/W.

2. EXISTING UTILITIES SHALL BE MAINTAINED AND PROTECTED TO REMAIN IN PLACE UNLESS OTHERWISE INDICATED BY THE ENGINEER.

3. EXISTING UTILITIES SHALL BE MAINTAINED AND PROTECTED TO REMAIN IN PLACE UNLESS OTHERWISE INDICATED BY THE ENGINEER.

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SCALE:
 HORIZONTAL: 1" = 40'
 VERTICAL: 1" = 10'

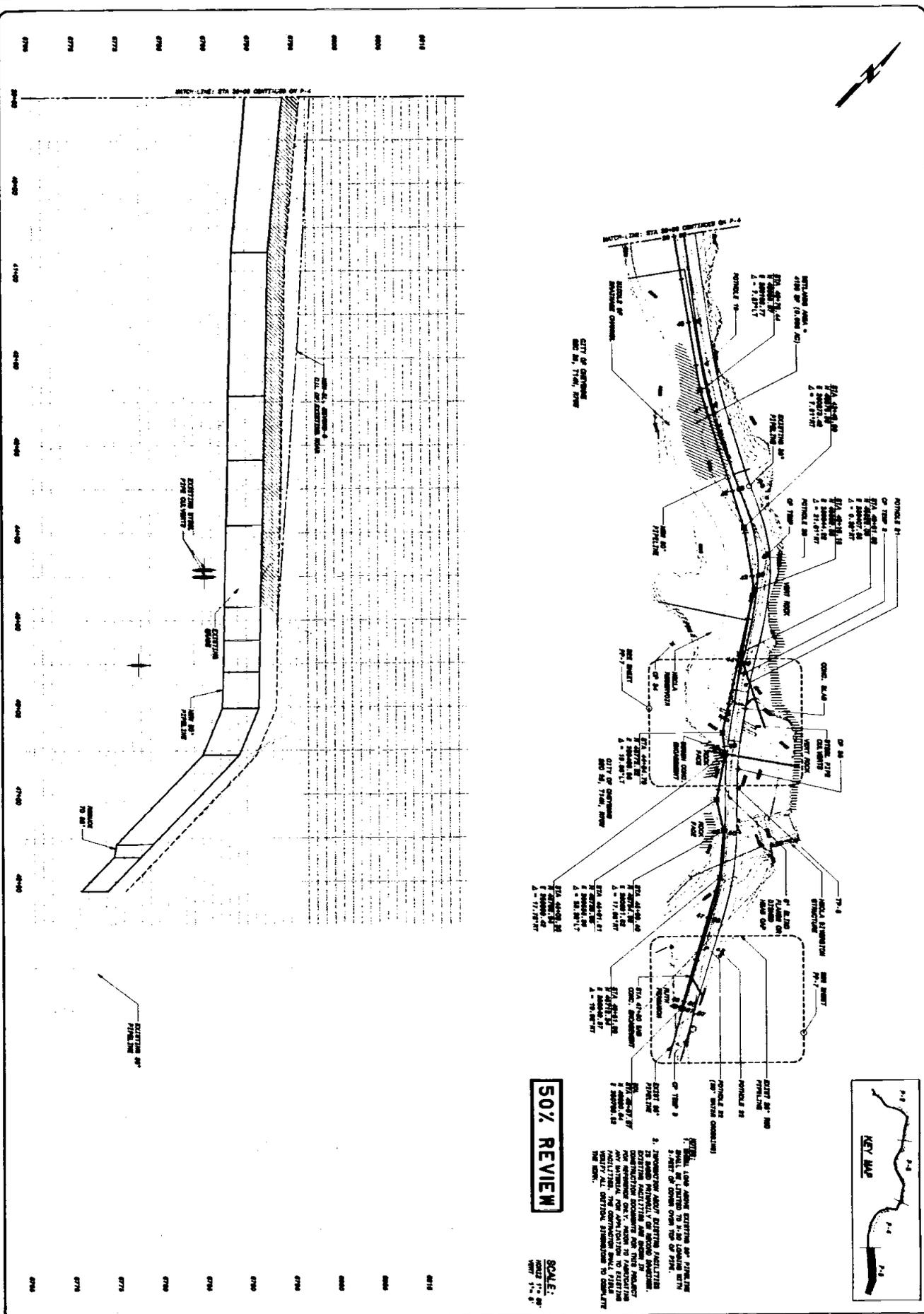
CITY OF CHEYENNE, WYOMING
BOARD OF PUBLIC UTILITIES
SHERARD ROAD CRYSTAL CANYON EXTENSION

PLAN AND PROFILE
 STA - 26+00 - 30+00

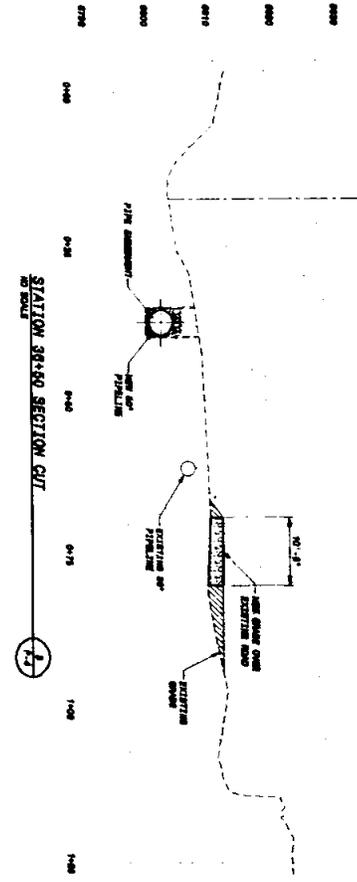
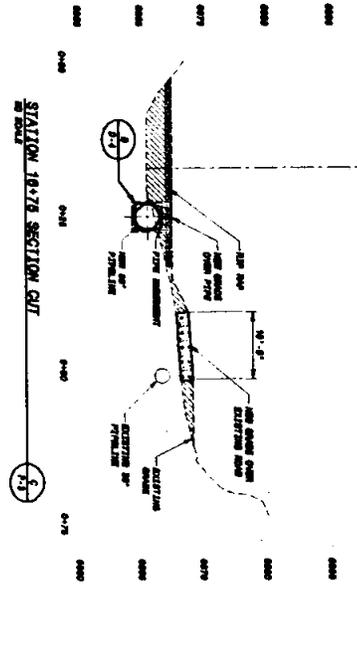
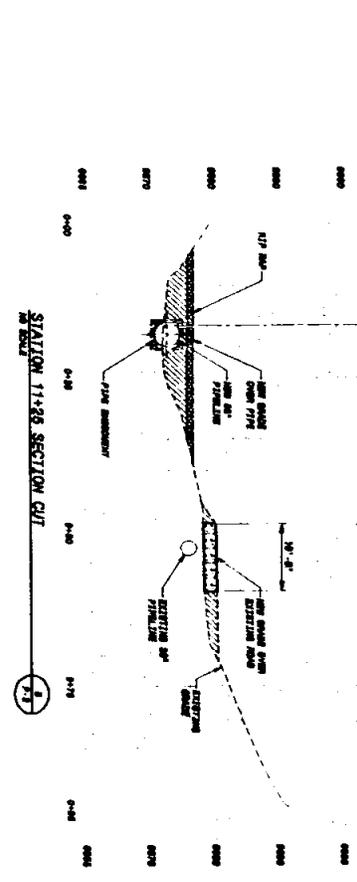
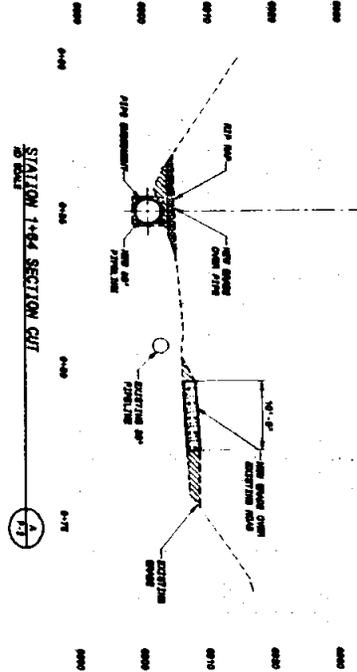


PROJECT NO: 98922
 SHEET NO: PP-4

NO.	DATE	BY	DESCRIPTION
1	10/15/00	J. W. HARRIS	PRELIMINARY DESIGN
2	11/15/00	J. W. HARRIS	FINAL DESIGN
3	12/15/00	J. W. HARRIS	CONSTRUCTION



PP-5 SHEET NO.	98922 PROJECT NO.	CITY OF CHEYENNE, WYOMING BOARD OF PUBLIC UTILITIES SHERARD RWD CRYSTAL CANYON EXTENSION PLAN AND PROFILE STA - 39+00 - EOL	 BLACK & VEATCH Corporation Black, Ontario	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>DATE</td><td> </td></tr> <tr><td>BY</td><td> </td></tr> <tr><td>CHECKED</td><td> </td></tr> <tr><td>APPROVED</td><td> </td></tr> </table>	DATE		BY		CHECKED		APPROVED	
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50% REVIEW

D-1 SHEET 9 OF	98922	CITY OF CHEYENNE, WYOMING BOARD OF PUBLIC UTILITIES SHERARD RWD CRYSTAL CANYON EXTENSION		 BLACK & VEATCH Corporation Denver, Colorado	<table border="1"> <tr> <td>DATE:</td> <td>NO. OF SHEETS:</td> <td>TOTAL SHEETS:</td> </tr> <tr> <td>DESIGNED BY:</td> <td>CHECKED BY:</td> <td>APPROVED BY:</td> </tr> <tr> <td>DRAWN BY:</td> <td>SCALE:</td> <td>PROJECT NO.:</td> </tr> <tr> <td>DATE:</td> <td>BY:</td> <td>DATE:</td> </tr> </table>	DATE:	NO. OF SHEETS:	TOTAL SHEETS:	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DRAWN BY:	SCALE:	PROJECT NO.:	DATE:	BY:	DATE:
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