

**Montana Department of
ENVIRONMENTAL QUALITY**

"Healthy environment, healthy people"

Steve Bullock, Governor
Tracy Stone-Manning, Director

P. O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • Website: www.deq.mt.gov

NOTICE OF PUBLICATION OF CATEGORICAL EXCLUSION

Elk Meadows Ranchettes County Water District

2013 Water Main Improvements Project

April 12, 2013

The Montana Department of Environmental Quality has reviewed the above named project. The project consist of the replacement of 7,800 feet of undersized and deteriorated water main with new 6" diameter PVC or ductile iron pipe including fire hydrants, valves, and associated fittings. The project is located within existing right-of-way along Wapiti Road, Wahupa Lane, and Wambii Lane. Existing lines will be abandoned in place.

Pursuant to ARM 17.40.318, the Department has concluded that the proposed project meets the Categorical Exclusion criteria of the National Environmental Policy Act (NEPA) and the Montana Environmental Policy Act (MEPA).

The documentation for the Categorical Exclusion is available for public review at the following locations:

Department of Environmental Quality
State Revolving Fund Loan Program
1520 East Sixth Avenue
Helena, MT 59601

A-M Consulting Engineers
1064 North Warren Street
Helena, MT 59601

Sincerely,

Todd Teegarden, Bureau Chief
Technical & Financial Assistance Bureau
Planning Prevention & Assistance Division
Montana Department of Environmental Quality

CHAPTER III – ATTACHMENT D

DOCUMENTATION OF CATEGORICAL EXCLUSION DETERMINATION CHECKLIST

Project Name / Brief Description: Elk Meadows Ranchettes County Water District

Project consists of the replacement of 7,800 feet of undersized and deteriorated water main with new PVC or ductile iron pipe including fire hydrants, valves, and associated fittings.

Project Number: WRF-13284

Date: April 12, 2013

Reviewer: Bob Fischer

The Department action under Title 75, chapter 5, part 11 and or chapter 6, part 1 or 2, MCA, is excluded from the requirement to prepare an environmental assessment (EA) or environmental impact statement (EIS) if the application for department review is for any of the following projects:

(a) Projects relating to existing infrastructure systems such as sewer systems, drinking water supply systems, and stormwater systems, including combined sewer overflow systems that involve:

[Answer yes or no. If all answers "no", an EA or EIS must be completed. If any answer is yes, skip to (b).]

- No 1. minor upgrading;
- No 2. minor expansion of system capacity;
- Yes 3. rehabilitation (including functional replacement) of the existing system and system components;
- No 4. construction of new minor ancillary facilities adjacent to or on the same property as existing facilities; or
- No 5. projects in unsewered communities involving the replacement of existing on-site systems, provided that the new on-site systems do not result in substantial increases in the volume of discharges or in loadings of pollutants from existing sources, and do not relocate existing discharges.

(b) A categorical exclusion may NOT be granted for a department action if:

[Answer yes or no. If all answers "no", skip to (c). If any answer is yes, an EA or EIS must be completed.]

- No 6. the action would authorize facilities that will provide a new discharge or relocate an existing discharge to ground or surface waters;
- No 7. the action would result in an increase above permit levels established for the facility under the Montana pollutant discharge elimination system or Montana ground water pollution control system for either volume of discharge or loading rate of pollutants to receiving waters;
- No 8. the action would authorize facilities that will provide capacity to serve a population at least 30% greater than the existing population;
- No 9. the action is not supported by the state, or other regional growth plan or strategy;
- No 10. the action directly or indirectly involves or relates to upgrading or extending infrastructure systems primarily for the purposes of future development;

- No 11. the department has received information indicating that public controversy exists over the project's potential effects on the quality of the human environment;
- No 12. the department determines that the proposed project that is the subject of the state action shows some potential for causing a significant effect on the quality of the human environment, based on ARM 17.4.608, or might possibly affect:
 - (i) sensitive environmental or cultural resource areas; or
 - (ii) endangered or threatened species and their critical habitats.

(c) If the proposed project meets the conditions above in determining use of a CATEX, the reviewer will then complete items 13 - 17 as follows:

[Once all steps 1- 17 are complete, reviewer shall sign and date at bottom. If revocation becomes necessary, reviewer shall initiate an EA or EIS as appropriate.]

- Yes 13. Project meets the above Categorical Exclusion criteria.
- Yes 14. DEQ determination of Categorical Exclusion.
- 4/12/13 15. DEQ distributes the Notice of Determination.
- 4/12/13 16. Notice of Publication and cover letter (containing revocation language below) is delivered to recipient.
- _____ 17. Notice of Publication published in local newspaper by recipient and evidence of publication provided to reviewer.

(d) The department may revoke a categorical exclusion if:

[Only complete the steps below 18 – 21 if revocation of a previously implemented CATEX becomes necessary.]

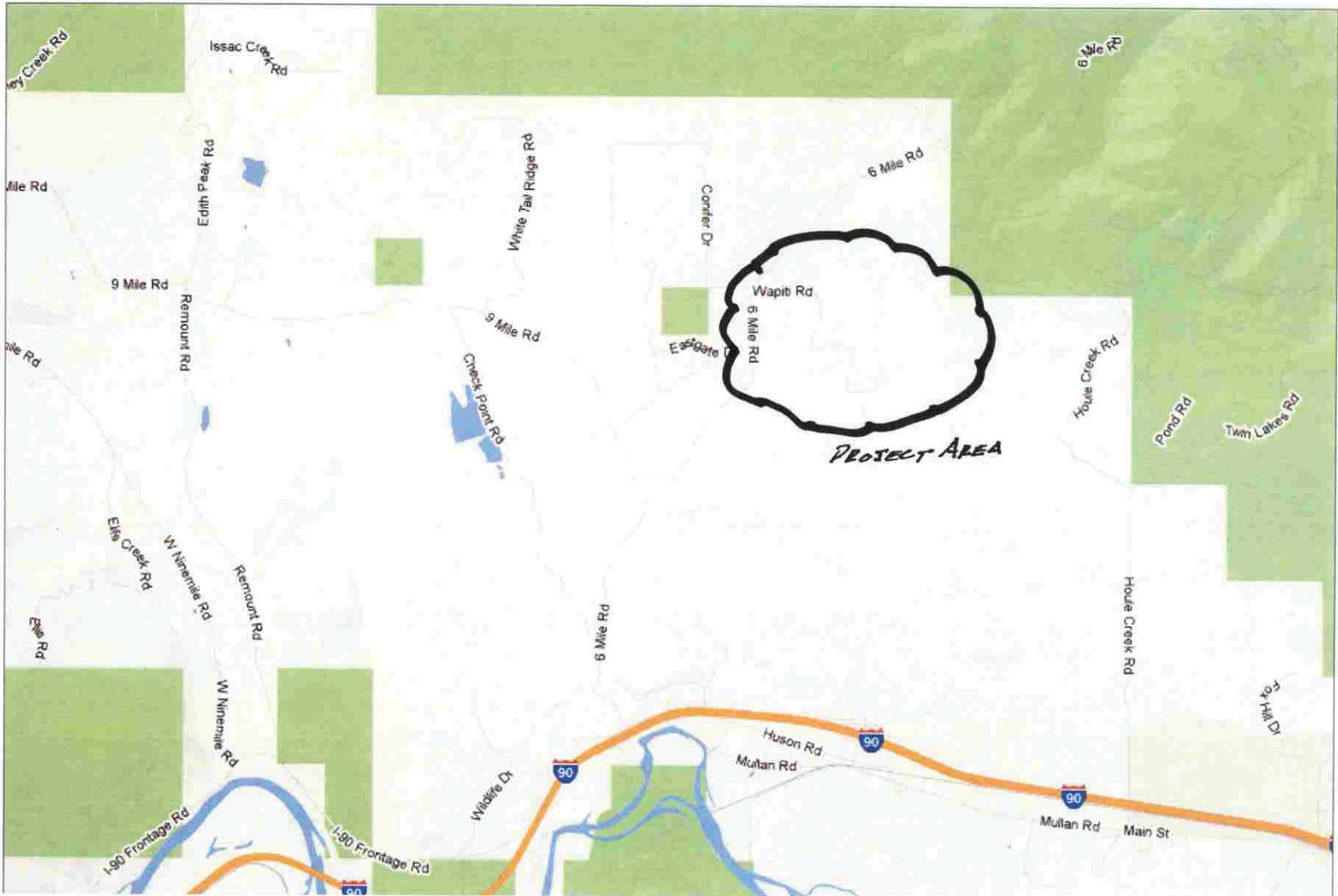
- _____ 18. the project is not initiated within the time period specified in the facility plan, or a new or modified application is submitted;
- _____ 19. the proposed action no longer meets the requirements for a categorical exclusion because of changes in the proposed action;
- _____ 20. new evidence demonstrates that serious local or environmental issues exist; or
- _____ 21. state, local, tribal, or federal laws may be violated.

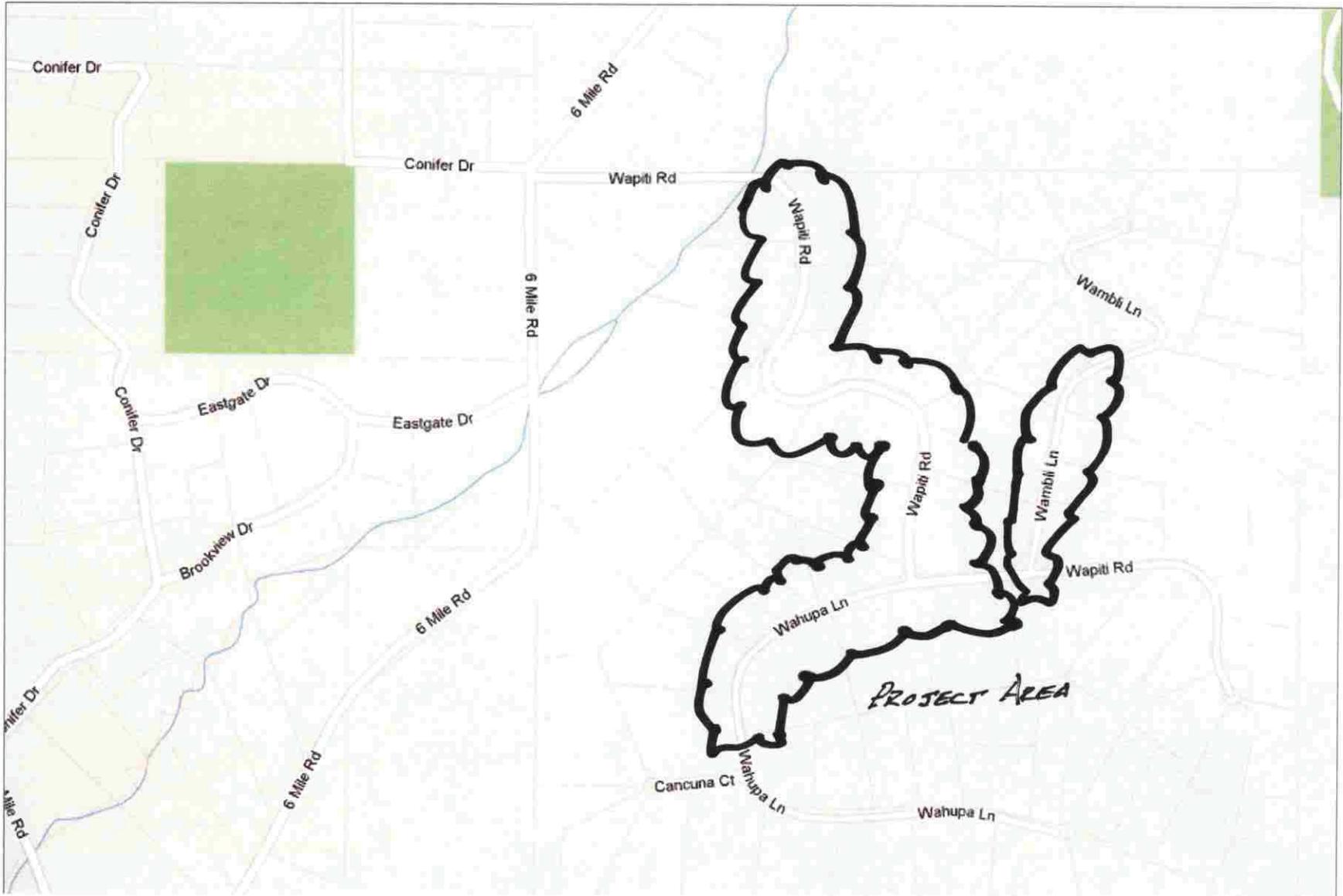
Bob Fischer, PE

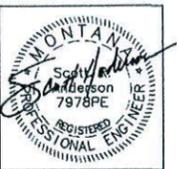
 STATE REVIEWER

4/12/13

 COMPLETION DATE







Revision	Date	By
Draft	2-13	SRA
Final	-	-
As Built	-	-

Revision	Draft
Plot Scale	1:2
Drawn By	B. Nye
Approved By	S. Anderson, P.E.
Checked By	P. Montgomery, P.E.
Designed By	S. Anderson, P.E.
Project Number	
Vertical Scale	
Horizontal Scale	


 Anderson-Montgomery
 CONSULTING ENGINEERS
 1064 N. Warren
 Helena, Mt 59601
 Phone (406) 449-3303
 Fax (406) 449-3304

Owner
 Elk Meadows Ranchettes
 County Water District

Project Title
 Water Main Improvements Project

Sheet Title
 Key Sheet

Sheet
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 of 15

Construction Drawings for the Elk Meadows Ranchettes County Water District Water Main Improvements Project 2013

FUNDING SOURCES:

DNRC RENEWABLE RESOURCES GRANT -
DRINKING WATER STATE REVOLVING FUND
LOCAL FUNDS

WORKSCOPE:

BASE BID

- OPEN TRENCH INSTALLATION OF APPROXIMATELY 6,831 LINEAL FEET OF 6" PVC WATER MAIN AND ALL ASSOCIATED FITTINGS, VALVES AND HYDRANTS.
- CONNECTIONS TO APPROXIMATELY 16 EXISTING SERVICE CONNECTIONS.
- INSTALLATION OF FOUR NEW FIRE HYDRANTS.
- THREE CONNECTIONS TO EXISTING A.C. WATER MAINS
- TWO BLOW-OFF HYDRANTS

ALTERNATE BID A (SHEETS 11-13)

- OPEN TRENCH INSTALLATION OF APPROXIMATELY 1,591 LINEAL FEET OF 6" PVC WATER MAIN AND ALL ASSOCIATED FITTINGS, VALVES AND HYDRANTS.
- CONNECTIONS TO APPROXIMATELY 6 EXISTING SERVICE CONNECTIONS.
- INSTALLATION OF TWO NEW FIRE HYDRANTS.
- ONE CONNECTION TO EXISTING A.C. WATER MAIN.

GENERAL NOTES

1. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS FOR CONSTRUCTION, DEWATERING AND STORMWATER DISCHARGES AND ROAD RIGHT-OF-WAY ENCROACHMENT PERMIT.
2. AS CONSTRUCTED ELEVATIONS SHALL BE WITHIN 0.1' OF ELEVATION SPECIFIED ON THE PLAN DRAWINGS.
3. CONTRACTOR SHALL PROTECT AND PRESERVE ALL EXISTING SITE FEATURES (INCLUDING VEGETATION, SURFACES, STRUCTURES, SURVEY MONUMENTATION, MAILBOXES, CULVERTS, SIGNAGE, DRAINAGE, ETC.) TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING SITE FEATURES SHALL BE REPAIRED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY LOCATION, DEPTH AND CONDITION OF THE EXISTING WATER MAINS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY CONDITION, DIMENSIONS AND LOCATIONS OF UTILITY INFRASTRUCTURE AND IMPACTED SITE FEATURES AND TO DETERMINE FOR HIMSELF THE LEVEL OF WORK NECESSARY TO COMPLETE THE PROJECT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DUST CONTROL DURING CONSTRUCTION.

NOTES FOR WATER MAINS

1. THE DISTRICT BOARD AND RESIDENTS SHALL BE NOTIFIED PRIOR TO CHANGE OR DISRUPTION OF WATER OR SEWER SYSTEM OPERATION.
2. WATER MAIN PIPING SHALL BE DUCTILE IRON OR AWWA C900 PVC WATER PIPE.
3. ALL MAIN FITTINGS, INCLUDING WYES, REDUCERS AND ELBOWS EQUAL TO OR GREATER THAN 22-1/2" SHALL BE RESTRAINED MECHANICAL JOINT. ALL MECHANICAL JOINT RESTRAINTS SHALL BE "MEGALUG", UNIFLANGE OR EQUAL. JOINT RESTRAINT SHALL BE IN ADDITION TO MEETING THRUST BLOCK REQUIREMENTS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. TRENCHES FOR THE INSTALLATION OF WATER MAINS SHALL BE PROPERLY BACKFILLED AS QUICKLY AS POSSIBLE, BUT NO MORE THAT 48-HOURS AFTER INITIAL DIGGING.
5. WHEN WORKING NEAR AND/OR EXPOSING EXISTING UTILITIES AND SERVICE LINES, WORKERS SHALL UTILIZE HAND-DIGGING IN ORDER TO AVOID DAMAGE TO THOSE UTILITIES. IF DAMAGE OCCURS, THE COST OF REPAIR AND PENALTIES CAN BE IMPOSED BY THE DISTRICT BOARD.
6. DISINFECTION OF WATER MAINS SHALL BE IN ACCORDANCE WITH APPENDIX B OF MPWSS.

UTILITY NOTES

1. THE ENGINEER HAS OBTAINED UNDERGROUND UTILITY INFORMATION FROM OWNERS OF THE UNDERGROUND FACILITIES AND INCLUDED THAT INFORMATION AS PART OF THESE PLANS. THIS UTILITY LOCATION INFORMATION IS APPROXIMATE AND MAY BE INCOMPLETE.
2. BEFORE BEGINNING AN EXCAVATION, THE CONTRACTOR SHALL NOTIFY, THROUGH ONE-CALL NOTIFICATION CENTER, ALL OWNERS OF UNDERGROUND FACILITIES IN THE AREA OF THE PROPOSED EXCAVATION. THE PHONE NUMBER IS: 1-800-424-6565
3. AFTER AN OWNER OF AN UNDERGROUND FACILITY HAS LOCATED AND MARKED THE UNDERGROUND FACILITIES, THE CONTRACTOR SHALL DETERMINE IF WEATHER, TIME, OR OTHER FACTORS MAY HAVE AFFECTED LOCATION MARKS, WARRANTING RELOCATION OF THE FACILITIES.
4. IF EXCAVATION HAS NOT OCCURRED WITHIN 30 DAYS OF THE LOCATE AND MARK, THE CONTRACTOR SHALL REQUEST THAT THE FACILITY BE RELOCATED AND REMARKED BEFORE EXCAVATING UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE WITH THE UNDERGROUND FACILITY OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH RELOCATING AND REMARKING A FACILITY THAT IS NOT EXCAVATED WITHIN 30 DAYS OF THE LOCATE AND MARK.
5. THE CONTRACTOR MAY NOT BEGIN EXCAVATING BEFORE THE LOCATING AND MARKING IS COMPLETE OR BEFORE THE CONTRACTOR IS NOTIFIED THAT LOCATING AND MARKING IS UNNECESSARY.
6. THE CONTRACTOR SHALL LOCATE AND MARK THE AREA TO BE EXCAVATED IF REQUESTED BY THE UNDERGROUND FACILITY OWNER OR THEIR REPRESENTATIVE. IF THE CONTRACTOR DISCOVERS AN UNDERGROUND FACILITY THAT HAS NOT BEEN LOCATED AND MARKED, THE CONTRACTOR SHALL STOP EXCAVATING IN THE VICINITY OF THE FACILITY AND NOTIFY THE FACILITY OWNER OR THE ONE-CALL NOTIFICATION CENTER. IF THIS OCCURS THE CONTRACTOR SHALL PROCEED WITH OTHER ELEMENTS OF THE PROJECT, AT NO COST TO THE PROJECT OWNER, UNTIL THE UNDERGROUND FACILITY OWNER HAS NOTIFIED THE CONTRACTOR THAT EXCAVATION CAN PROCEED.
7. PRIVATE INDIVIDUAL UNDERGROUND FACILITIES HAVE NOT BEEN LOCATED AND ARE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR SHOULD THEY BE DAMAGED. THESE INDIVIDUAL UNDERGROUND FACILITIES MAY INCLUDE: INDIVIDUAL ELECTRIC, NATURAL GAS, PROPANE, TELEPHONE, SEWER, SATELLITE DISH, AND WATER SERVICE LINES.

ELK MEADOWS RANCHETTES
COUNTY WATER DISTRICT



Location Map
Not To Scale



LEGEND / ABBREVIATIONS:	SYMBOL:
CAST IRON PIPE	CIP
CENTERLINE	C
CUBIC YARDS	C.Y.
DUCTILE IRON PIPE	DIP
EACH	EA.
ELEVATION	ELEV.
EXISTING	EX.
INVERT ELEVATION	IE
LINEAL FOOT	LF
MANHOLE	MH
POLYVINYL CHLORIDE	PVC
RIGHT-OF-WAY	ROW
SHEET	SHT.
TYPICAL	TYP.
POWER POLE	PP
CABLE TELEVISION	CTV
GAS	GAS
FENCE	F
FORCE MAIN	FM
GUY WIRE	GUY
OVERHEAD ELECTRICAL	O
SANITARY SEWER	S
TELEPHONE	T
UNDERGROUND ELECTRICAL	U
WATER	W
BEND	B
CROSS, TEE	H
CULVERT	C
CURB STOP	CS
HYDRANT	H
LIGHT POLE	L
MANHOLE	M
POWER POLE	PP
REDUCER	R
STREET SIGN	S
VALVE, GATE	V
VALVE, BALL	B
WATER METER	W

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- 5 - PLAN AND PROFILE "A" STATION 17+50 TO STATION 27+00
- 6 - PLAN AND PROFILE "A" STATION 27+00 TO STATION 32+50
- 7 - PLAN AND PROFILE "A" STATION 32+50 TO STATION 41+00
- 8 - PLAN AND PROFILE "B" STATION 0+00 TO STATION 8+50
- 9 - PLAN AND PROFILE "B" STATION 8+50 TO STATION 14+00
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- 11 - PLAN AND PROFILE "B" STATION 24+00 TO STATION 33+00
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Detail Designation:

A-A ← DETAIL OR SECTION DESIGNATION
3 ← SHEET NUMBER WHERE DETAIL OR SECTION IS SHOWN



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Draft	2-13	SRA
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Owner
Elk Meadows
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Project Title
Water
Main
Improvements
Project

Sheet Title
Title Sheet

Sheet
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