OVERALL SITE PLAN

SCALE 1" = 100'

MAJOR CONSTRUCTION ITEMS:

A. CONSTRUCT NEW PIPELINE.
B. SUPPORT THE PIPELINE AT THE FALL CREEK CULVERT DURING CONSTRUCTION AND REMOVAL.
C. SUPPORT THE PIPELINE ALONG THE NEW DAGGETT ROAD BRIDGE SEE DAGGETT BRIDGE DESIGN PACKAGE FOR PIPELINE SUPPORT.
D. DEMOLISH EXISTING 24" DIAMETER WATERLINE AFTER NEW PIPELINE IS OPERABLE AS APPROVED BY OWNER.
E. RETAIN AND PROTECT EXISTING CATHODIC PROTECTION SYSTEM. CONTRACTOR SHALL CONNECT NEW PIPELINE INTO EXISTING CATHODIC PROTECTION SYSTEM.
F. CONNECT TO EXISTING WATERLINE. CONTRACTOR SHALL SUBMIT OUTAGE REQUEST TO OWNER AND ENGINEER.

PROPOSED ENGINEER CONSTRUCTION SEQUENCE:

THE CONSTRUCTION SEQUENCE PROPOSED IN THE STEPS BELOW ARE TO INFORM THE CONTRACTOR ON THE ENGINEER'S DESIGN DEVELOPMENT PROCESS. THIS SHALL NOT DETRACT THE CONTRACTOR'S MEANS AND METHODS. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO ENSURE CONTINUOUS OPERATION OF THE CITY RAW WATERLINE TO THE GREATEST EXTENT POSSIBLE. THE OWNER HAS STATED THAT A WATERLINE OUTAGE IS ALLOWED FOR UP TO 20 HOURS IN THE MONTHS OF MAY THROUGH OCTOBER, OR AN OUTAGE IS ALLOWED FOR UP TO 60 HOURS IN THE MONTHS OF NOVEMBER THROUGH APRIL. CONTRACTOR SHALL SUBMIT CONSTRUCTION SEQUENCING AND OUTAGE PLAN FOR OWNER AND ENGINEER APPROVAL PER SPECIFICATION SECTION 01 11 00.

1. CONSTRUCT NEW DAGGETT BRIDGE AND NEW YREKA WATERLINE SUPPORTED BELOW THE DAGGETT BRIDGE DECK (SEE DRAWING C105). THE DAGGETT BRIDGE DESIGN AND PIPE SUPPORT DRAWINGS ARE NOT INCLUDED IN THIS PACKAGE. PLEASE REFER TO THE DAGGETT BRIDGE DESIGN PACKAGE PREPARED BY MCMILLEN JACOBS.
2. CONSTRUCT NEW 24" OR 25" BURIED PIPELINE UPSTREAM AND DOWNSTREAM OF DAGGETT BRIDGE CROSSING EXCLUDING CONNECTIONS TO THE EXISTING YREKA WATERLINE. SEE SPECIFICATION SECTION 01 74 30.
3. CONNECT TO EXISTING WATERLINE AT UPSTREAM AND DOWNSTREAM CONNECTION POINTS (SEE DWG C200 & C201).
4. START UP THE NEW WATERLINE SYSTEM AND OPERATE. INSURE SYSTEM OPERATING PROPERLY FOR MINIMUM 30 DAYS.
5. PERFORM DEMOLITION AND REMOVAL OF EXISTING RIVER CROSSING PIPELINE (SEE DRAWING D101).

SURVEY NOTES:
1. LEIDAR SURVEY PROVIDED BY KRRC ON NOVEMBER 2020. CONTRACTOR SHALL CONFIRM AND VERIFY ELEVATIONS PRIOR TO CONSTRUCTION.
3. MAJOR CONSTRUCTION ITEMS:

NOT IN ANY SUGGESTED CONSTRUCTION SEQUENCE ORDER:
A. CONSTRUCT NEW PIPELINE.
B. SUPPORT THE PIPELINE AT THE FALL CREEK CULVERT DURING CONSTRUCTION AND REMOVAL.
C. SUPPORT THE PIPELINE ALONG THE NEW DAGGETT ROAD BRIDGE SEE DAGGETT BRIDGE DESIGN PACKAGE FOR PIPELINE SUPPORT.
D. DEMOLISH EXISTING 24" DIAMETER WATERLINE AFTER NEW PIPELINE IS OPERABLE AS APPROVED BY OWNER.
E. RETAIN AND PROTECT EXISTING CATHODIC PROTECTION SYSTEM. CONTRACTOR SHALL CONNECT NEW PIPELINE INTO EXISTING CATHODIC PROTECTION SYSTEM.
F. CONNECT TO EXISTING WATERLINE. CONTRACTOR SHALL SUBMIT OUTAGE REQUEST TO OWNER AND ENGINEER.