

Please add the following additional construction notes to the 'for construction drawing'

- 1) CONTRACTOR SHALL NOTIFY RTD'S JIM KELLEY, UTILITIES (303-299-6975) AND RTD'S MITCH KUHARSKI, CONSTRUCTION (303-299-6980) A FULL TWO (2) WEEKS PRIOR TO CONSTRUCTION AND SHALL INVITE THEM TO THE PRE-CONSTRUCTION MEETING(S), AND ARRANGE FOR AN RTD REPRESENTATIVE TO BE ON-SITE DURING CONSTRUCTION.
- 2) CONTRACTOR SHALL CONTACT RTD'S MAINTENANCE OF WAY (MOW) AND RTD RAIL OPERATIONS (303-299-3415) A FULL WEEK PRIOR TO CONSTRUCTION AND ATTEND THE WEEKLY RTD MANDATORY CONSTRUCTION MEETING PRIOR TO THE START OF ANY PROJECT CONSTRUCTION. CALL RTD FOR MEETING SCHEDULE AND LOCATION. THE CONTRACTOR MUST ALSO ATTEND ALL NECESSARY ON TRACK SAFETY TRAINING PRIOR TO THE START OF ANY WORK ON, ADJACENT TO, OR ACROSS RTD ROW WITH RR TRACKS.
- 3) CONTRACTOR SHALL SURVEY AND SUBMIT COMPLETED HORIZONTAL PLAN AND VERTICAL PROFILE AS-BUILTS TO RTD WITHIN 30 CALENDAR DAYS OF THE COMPLETION OF CONSTRUCTION. THE PLAN AND PROFILE AS-BUILTS MUST CONTAIN THE FOLLOWING INFORMATION:
 - a) BEFORE AND AFTER SURVEY OF TOP OF RTD TRACKS TO SHOW NO MOVEMENT OF TRACKS DUE TO CONSTRUCTION: AT A MINIMUM, THE CONTRACTOR SHALL SURVEY 3 LOCATIONS SPACED 10' APART ALONG EACH RAIL (A TOTAL OF 6 SURVEY POINTS PER SET OF TRACKS), WITH THE CENTER POINT ON EACH RAILED CENTERED AS CLOSE AS POSSIBLE OVER THE CENTERLINE OF THE NEW PIPELINE SO THAT THE SHOTS STRADDLES THE NEW PIPELINE CROSSING LOCATION. THE CONTRACTOR MUST INCLUDE THE DATE OF THE BEFORE (PRE-CONSTRUCTION) SURVEY AND DATE OF THE AFTER (POST-CONSTRUCTION) SURVEY, AND BOTH PRE AND POST SURVEYS MUST BE NO MORE THAN 30 DAYS APART.
 - b) CONTRACTOR SHALL SURVEY A MINIMUM OF FIVE (5) LOCATIONS ALONG THE INSTALLED PIPELINE TO SHOW THE EXACT INSTALLED HORIZONTAL LOCATION AND VERTICAL DEPTH OF THE NEW PIPELINE WHERE IT 1) ENTERS THE RTD ROW, 2) EXISTS THE RTD ROW, 3) CROSSES THE CENTERLINE OF THE RTD TRACKS, 4) LOCATION HALF WAY BETWEEN ENTERING ROW & TRACK CENTERLINE ON EITHER SIDE OF THE TRACKS, 5) LOCATION HALF WAY BETWEEN EXITING ROW & TRACK CENTERLINE ON EITHER SIDE OF THE TRACKS.
 - c) CONTRACTOR SHALL SUPPLY RTD WITH A COPY OF THE SURVEYOR'S FIELD NOTES TO SUPPORT THE BEFORE AND AFTER SURVEY DATA AND FINAL UTILITY INSTALLATION DATA.
 - d) RTD LICENSE AGREEMENT NUMBER
 - e) DATE THE FACILITY WAS INSTALLED
 - f) SIZE OF PIPE AND SIZE OF CASING
 - g) MATERIAL BEING CARRIED IN THE PIPE
 - h) AS-BUILTS MUST BE STAMPED, SIGNED, AND DATED BY A LICENSED SURVEYOR OR ENGINEER.
- 4) CONTRACTOR SHALL INSTALL 4 FOOT UTILITY MARKERS OVER UTILITY ON BOTH SIDES OF RTD ROW/TRACKS TO MARK CROSSING. ALL UTILITIES INSTALLED WITHIN RTD ROW OR CROSSING RTD TRACKS MUST BE LOCATABLE WITH STANDARD LOCATING EQUIPMENT.
- 5) RTD ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS SHOWN ON THESE CONSTRUCTION DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
- 6) CONTRACTOR SHALL IDENTIFY THE HORIZONTAL LOCATION AND VERTICAL DEPTH OF RTD UNDERGROUND ELECTRIC AND COMMUNICATION DUCTS WITHOUT COMPROMISING THE INTEGRITY OF THE RTD TRACKS OR DYNAMIC ENVELOPE. THIS MAY BE ACCOMPLISHED BY ANY MEANS OF LOCATING THE TOP AND BOTTOM OF THE RTD DUCTS THAT DOES NOT INCLUDE POTHOLING OR DIGGING WITHIN THE RTD TRACK ENVELOPE. THIS MAY INCLUDE A PHYSICAL POTHOLING METHOD IF AGREED UPON IN WRITING BY RTD PRIOR TO POTHOLING.