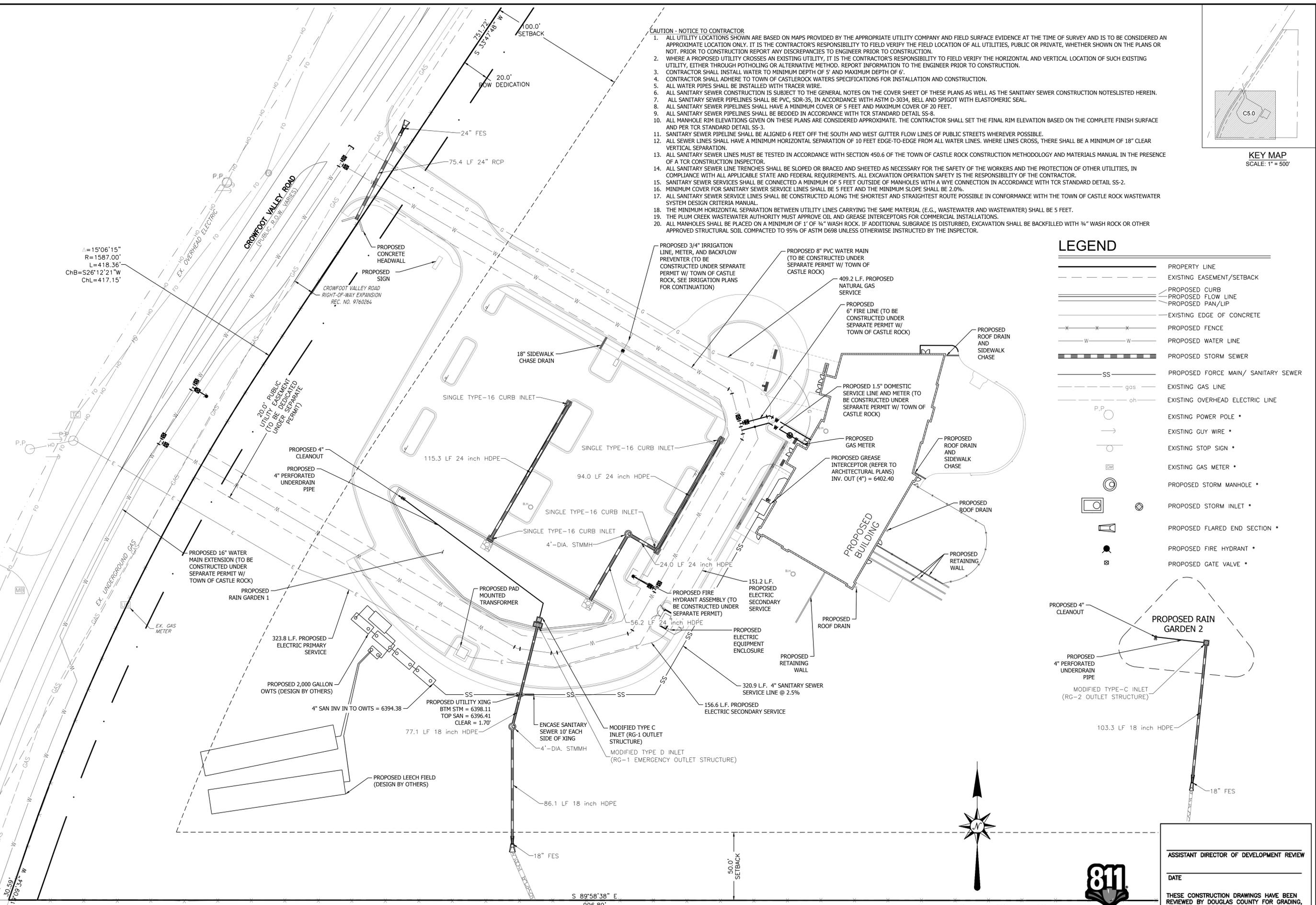
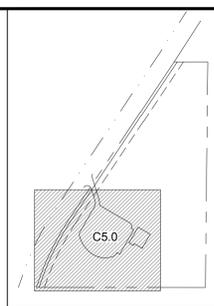


ATTACHMENT C

CONSTRUCTION DOCUMENTS
DATE PLOTTED: 4/29/22 2:44:59 PM BY: JAH, LONG



- CAUTION - NOTICE TO CONTRACTOR**
1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT. PRIOR TO CONSTRUCTION REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION.
 2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.
 3. CONTRACTOR SHALL INSTALL WATER TO MINIMUM DEPTH OF 5' AND MAXIMUM DEPTH OF 6'.
 4. CONTRACTOR SHALL ADHERE TO TOWN OF CASTLEROCK WATERS SPECIFICATIONS FOR INSTALLATION AND CONSTRUCTION.
 5. ALL WATER PIPES SHALL BE INSTALLED WITH TRACER WIRE.
 6. ALL SANITARY SEWER CONSTRUCTION IS SUBJECT TO THE GENERAL NOTES ON THE COVER SHEET OF THESE PLANS AS WELL AS THE SANITARY SEWER CONSTRUCTION NOTES LISTED HEREIN.
 7. ALL SANITARY SEWER PIPELINES SHALL BE PVC, SDR-35, IN ACCORDANCE WITH ASTM D-3034, BELL AND SPIGOT WITH ELASTOMERIC SEAL.
 8. ALL SANITARY SEWER PIPELINES SHALL HAVE A MINIMUM COVER OF 5 FEET AND MAXIMUM COVER OF 20 FEET.
 9. ALL SANITARY SEWER PIPELINES SHALL BE BEDDED IN ACCORDANCE WITH TCR STANDARD DETAIL SS-8.
 10. ALL MANHOLE RIM ELEVATIONS GIVEN ON THESE PLANS ARE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL SET THE FINAL RIM ELEVATION BASED ON THE COMPLETE FINISH SURFACE AND PER TCR STANDARD DETAIL SS-3.
 11. SANITARY SEWER PIPELINE SHALL BE ALIGNED 6 FEET OFF THE SOUTH AND WEST GUTTER FLOW LINES OF PUBLIC STREETS WHEREVER POSSIBLE.
 12. ALL SEWER LINES SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 10 FEET EDGE-TO-EDGE FROM ALL WATER LINES. WHERE LINES CROSS, THERE SHALL BE A MINIMUM OF 18" CLEAR VERTICAL SEPARATION.
 13. ALL SANITARY SEWER LINES MUST BE TESTED IN ACCORDANCE WITH SECTION 450.6 OF THE TOWN OF CASTLE ROCK CONSTRUCTION METHODOLOGY AND MATERIALS MANUAL IN THE PRESENCE OF A TCR CONSTRUCTION INSPECTOR.
 14. ALL SANITARY SEWER LINE TRENCHES SHALL BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKERS AND THE PROTECTION OF OTHER UTILITIES, IN COMPLIANCE WITH ALL APPLICABLE STATE AND FEDERAL REQUIREMENTS. ALL EXCAVATION OPERATION SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
 15. SANITARY SEWER SERVICES SHALL BE CONNECTED A MINIMUM OF 5 FEET OUTSIDE OF MANHOLES WITH A WYE CONNECTION IN ACCORDANCE WITH TCR STANDARD DETAIL SS-2.
 16. MINIMUM COVER FOR SANITARY SEWER SERVICE LINES SHALL BE 5 FEET AND THE MINIMUM SLOPE SHALL BE 2.0%.
 17. ALL SANITARY SEWER SERVICE LINES SHALL BE CONSTRUCTED ALONG THE SHORTEST AND STRAIGHTEST ROUTE POSSIBLE IN CONFORMANCE WITH THE TOWN OF CASTLE ROCK WASTEWATER SYSTEM DESIGN CRITERIA MANUAL.
 18. THE MINIMUM HORIZONTAL SEPARATION BETWEEN UTILITY LINES CARRYING THE SAME MATERIAL (E.G., WASTEWATER AND WASTEWATER) SHALL BE 5 FEET.
 19. THE PLUM CREEK WASTEWATER AUTHORITY MUST APPROVE OIL AND GREASE INTERCEPTORS FOR COMMERCIAL INSTALLATIONS.
 20. ALL MANHOLES SHALL BE PLACED ON A MINIMUM OF 1' OF 3/4" WASH ROCK. IF ADDITIONAL SUBGRADE IS DISTURBED, EXCAVATION SHALL BE BACKFILLED WITH 3/4" WASH ROCK OR OTHER APPROVED STRUCTURAL SOIL COMPACTED TO 95% OF ASTM D698 UNLESS OTHERWISE INSTRUCTED BY THE INSPECTOR.



LEGEND

	PROPERTY LINE
	EXISTING EASEMENT/SETBACK
	PROPOSED CURB
	PROPOSED FLOW LINE
	PROPOSED PAN/LIP
	EXISTING EDGE OF CONCRETE
	PROPOSED FENCE
	PROPOSED WATER LINE
	PROPOSED STORM SEWER
	PROPOSED FORCE MAIN/ SANITARY SEWER
	EXISTING GAS LINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING POWER POLE *
	EXISTING GUY WIRE *
	EXISTING STOP SIGN *
	EXISTING GAS METER *
	PROPOSED STORM MANHOLE *
	PROPOSED STORM INLET *
	PROPOSED FLARED END SECTION *
	PROPOSED FIRE HYDRANT *
	PROPOSED GATE VALVE *

NO.	REVISION	BY	DATE
1	2ND SUBMISSION	ISL	4/29/22

R&R ENGINEERS SURVEYORS
 1635 WEST 13TH AVENUE
 SUITE #310
 DENVER, COLORADO 80204
 PHONE: 303-753-6730
 WWW.RRENINEERS.COM

NOT FOR CONSTRUCTION

CASTLEVIEW BAPTIST CHURCH
 SITE ADDRESS: 5054 CROWFOOT VALLEY ROAD
 CASTLE ROCK, CO 80108
 PREPARED FOR: CASTLEVIEW BAPTIST CHURCH, INC.
 P.O. BOX 281
 CASTLE ROCK, CO 80104

Job No.	CB18069
Date:	3/31/2021
Drawn	ISL
Checked	RSO
Name	

UTILITY PLAN

No. **C5.0**

ASSISTANT DIRECTOR OF DEVELOPMENT REVIEW

DATE

THESE CONSTRUCTION DRAWINGS HAVE BEEN REVIEWED BY DOUGLAS COUNTY FOR GRADING, EROSION AND SEDIMENT CONTROL IMPROVEMENTS ONLY.

ENGINEERING DIVISION ACCEPTANCE BLOCK

