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FOR CLARITY, ALL ORIGINAL COLOR SHEETS  
MUST BE REPRODUCED IN COLOR**



**ENGINEERING • SURVEY  
PLANNING • ENVIRONMENTAL**  
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Revisions  
No. Description Date By



**Use of these Drawings**  
1. Unless otherwise noted, these Drawings are intended for preliminary planning, coordination with other disciplines or utilities, and/or approval from the regulatory authorities. They are not intended as construction drawings unless noted as such or marked approved by a regulatory authority.  
2. By use of these drawings for construction of the Project, the Owner represents that they have reviewed, approved, and accepted the drawings, obtained all necessary permits, and have met with all applicable parties/disciplines, including but not limited to, the Engineer and the Architect, to insure these plans are properly coordinated including, but not limited to, contract documents, specifications, owner/contractor agreements, building and mechanical plans, private and public utilities, and other pertinent permits for construction.  
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**For Local Permitting Only**

Project Title  
**Allstone Vermont**  
VT 103  
Chester, VT

Sheet Title  
**Legend & Notes**

Date: 05/31/2023  
Scale:  
Project Number: 22-270  
Drawn By: CMJ  
Project Engineer: CMJ  
Approved By: JWM  
Field Book:

**C1-000**

**LEGEND**

	EXISTING	PROPOSED	REMOVED/ABANDONED
PAVED DRIVE OR ROAD	=====	=====	-----
GRAVEL DRIVE OR ROAD	-----	-----	-----
PAVED DRIVE OR ROAD WITH CURB	=====	=====	-----
TREE LINE	~~~~~	~~~~~	~~~~~
TRAIL	=====	=====	-----
WETLAND LIMIT	-----	-----	-----
WETLAND BUFFER	-----	-----	-----
TOPOGRAPHIC CONTOURS	----- 124	----- 124	-----
STREAM/FLOW	-----	-----	-----
GUARD RAIL	-----	-----	-----
SEWER MAINS AND SERVICES	-----	-----	-----
SEWER FORCEMAIN	-----	-----	-----
WATER MAINS AND SERVICES	-----	-----	-----
STORM DRAINAGE	-----	-----	-----
CURTAIN DRAIN	-----	-----	-----
UNDERDRAIN	-----	-----	-----
ROOF DRAIN	-----	-----	-----
FOOTING DRAIN	-----	-----	-----
LIQUID PROPANE OR NATURAL GAS	-----	-----	-----
OVERHEAD UTILITY	-----	-----	-----
UNDERGROUND UTILITY	-----	-----	-----
PROPERTY LINE	-----	-----	-----
ADJOINING PROPERTY LINE	-----	-----	-----
EASEMENTS	-----	-----	-----
FENCE	-----	-----	-----
STREAM BUFFER	-----	-----	-----
TOP OF BANK	-----	-----	-----
STONE WALL	-----	-----	-----
SETBACKS	-----	-----	-----
WELL CONE / WASTEWATER CONE OF INFLUENCE	-----	-----	-----
SIGN	-----	-----	-----
SEWER, DRAINAGE OR TELEPHONE MANHOLE (EXIST/DN/INT)	-----	-----	-----
CLEANOUT (CO)	-----	-----	-----
CATCH BASIN (CB)	-----	-----	-----
YARD DRAIN (YD)	-----	-----	-----
OUTLET OR END SECTION	-----	-----	-----
VALVE	-----	-----	-----
CURB STOP (CS)	-----	-----	-----
FIRE HYDRANT (HYD)	-----	-----	-----
WATER SUPPLY WELL	-----	-----	-----
END CAP	-----	-----	-----
BLOWOFF	-----	-----	-----
UTILITY POLE	-----	-----	-----
MTC OR TRANSFORMER	-----	-----	-----
TELEPHONE OR TELEVISION FEDESTAL (TEL-FED/TV-FED)	-----	-----	-----
LUMINAIRE	-----	-----	-----
GAS OR ELECTRICAL METER	-----	-----	-----
BOLLARD LIGHT	-----	-----	-----
CANOPY LIGHT	-----	-----	-----
FLOOD OR WALL LIGHT	-----	-----	-----
BENCHMARK	-----	-----	-----
PERCOLATION TEST	-----	-----	-----
SOIL TEST PIT	-----	-----	-----
SOIL BORING	-----	-----	-----
OBSERVATION WELL	-----	-----	-----
TCE CONTROL POINT	-----	-----	-----
STEEL REBAR	-----	-----	-----
TCE CONTROL POINT MAG NAIL	-----	-----	-----
<b>SURVEY</b>	<b>FOUND</b>	<b>TO BE SET</b>	<b>SET</b>
IRON PIPE	-----	-----	-----
STEEL REBAR	-----	-----	-----
CONCRETE MONUMENT	-----	-----	-----
MARBLE OR STONE MONUMENT	-----	-----	-----
IRON PIN (IP)	-----	-----	-----
CALCULATED POINT	-----	-----	-----

- CONSTRUCTION NOTES FOR CONTRACTOR & CLIENT/OWNER:**
- CONTRACT DOCUMENTS:** THESE PLANS WERE PREPARED BY TRUDELL CONSULTING ENGINEERS (TCE) AND ARE INTENDED TO BE USED IN CONJUNCTION WITH THE STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT, 8C-700 PREPARED BY THE ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE (JCDC), LATEST EDITION. COPIES ARE AVAILABLE AT WWW.JCDE.ORG/JCDC.
  - UNDERGROUND IMPROVEMENTS:** THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS SHOWN ARE ASSUMED BASED ON RESEARCH, UTILITY PLANS PROVIDED BY OTHERS, AND/OR SURFACE EVIDENCE AVAILABLE AND WERE OBTAINED IN A MANNER CONSISTENT WITH THE ORDINARY STANDARD OF PROFESSIONAL CARE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE DESIGN ENGINEER.
  - DIFFERING SUBSURFACE OR PHYSICAL CONDITIONS:** IF CONTRACTOR BELIEVES THAT ANY SUBSURFACE OR PHYSICAL CONDITION AT OR CONTIGUOUS TO THE SITE THAT IS UNCOVERED OR REVEALED EITHER: (1) IS OF SUCH A NATURE AS TO ESTABLISH THAT ANY "TECHNICAL DATA" ON WHICH CONTRACTOR RELED IS MATERIALLY INACCURATE; OR (2) IS OF SUCH A NATURE AS TO REQUIRE A CHANGE IN THE PLANS/CONTRACT DOCUMENTS; OR (3) DIFFERS MATERIALLY FROM THAT SHOWN OR INDICATED IN THE PLANS/CONTRACT DOCUMENTS, THEN CONTRACTOR SHALL PROMPTLY AFTER BECOMING AWARE THEREOF AND BEFORE FURTHER DISTURBING THE SUBSURFACE OR PHYSICAL CONDITIONS OR PERFORMING ANY WORK IN CONNECTION THEREWITH (EXCEPT IN AN EMERGENCY), NOTIFY OWNER AND ENGINEER ABOUT SUCH CONDITION. CONTRACTOR SHALL NOT FURTHER DISTURB SUCH CONDITION OR PERFORM ANY WORK IN CONNECTION THEREWITH (EXCEPT AS AFORESAID) UNTIL RECEIPT OF WRITTEN ORDER TO DO SO. ALL PARTIES INVOLVED (OWNER, ENGINEER, ARCHITECT AND MUNICIPALITY IF APPLICABLE) SHALL AGREE UPON HOW TO PROCEED AND ANY RELATED COST IMPLICATIONS.
  - UTILITIES:** PRIVATE AND PUBLIC UTILITIES SUCH AS ELECTRIC, TELEPHONE, GAS, CABLE, FIBER OPTIC, ETC., ARE THE RESPONSIBILITY OF THE RESPECTIVE UTILITY COMPANY. ANY INFORMATION SHOWN BY TCE SHOULD BE CONSIDERED PRELIMINARY (USUALLY TO ASSIST WITH PERMITTING) FINAL DESIGN. CONSTRUCTION AND MAINTENANCE ARE THE RESPONSIBILITY OF RESPECTIVE UTILITY COMPANIES. COMPLIANCE WITH EASEMENTS AND REGULATIONS (STATE AND LOCAL) ARE THE RESPONSIBILITY OF RESPECTIVE UTILITY COMPANY.
  - DISSAFE:** IN ACCORDANCE WITH VERMONT STATE LAW (VSA TITLE 30 CHAPTER 86 AND PSB RULE 3.800) THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT DISSAFE SYSTEMS, INC., "DISSAFE," AT LEAST 48 HOURS, EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS, BUT NOT MORE THAN 30 DAYS BEFORE COMMENCING EXCAVATION ACTIVITIES, EXCEPT IN AN EMERGENCY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRE-MARKING THE SITE AND MAINTAINING DESIGNATED MARKINGS. FOR MORE INFORMATION ON DISSAFE REQUIREMENTS SEE WWW.DISSAFE.COM.
  - JOB SITE SAFETY:** NEITHER THE PROFESSIONAL ACTIVITIES OF TRUDELL CONSULTING ENGINEERS (TCE), NOR THE PRESENCE OF TCE OR ITS EMPLOYEES AND SUBCONSULTANTS AT A CONSTRUCTION SITE, SHALL RELIEVE THE GENERAL CONTRACTOR AND ANY OTHER ENTITY OF THEIR OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERVISING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. TCE AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS. THE CLIENT AGREES THAT THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY, AND WARRANTS THAT THIS INTENT SHALL BE MADE EVIDENT IN THE CLIENT'S AGREEMENT WITH THE GENERAL CONTRACTOR. THE CLIENT ALSO AGREES THAT THE CLIENT, TCE AND TCE'S CONSULTANTS SHALL BE INDEMNIFIED AND SHALL BE MADE ADDITIONALLY INSURED UNDER THE GENERAL CONTRACTOR'S GENERAL LIABILITY INSURANCE POLICY.
  - CODES AND STANDARDS COMPLIANCE:** TCE SHALL EXERCISE USUAL AND CUSTOMARY PROFESSIONAL CARE IN ITS EFFORTS TO COMPLY WITH CODES, STANDARDS, REGULATIONS AND ORDINANCES IN EFFECT. THE OWNER ACKNOWLEDGES THAT SUCH REQUIREMENTS MAY BE SUBJECT TO VARIOUS AND CONTRADICTIONARY INTERPRETATIONS. TCE, THEREFORE, WILL USE ITS REASONABLE PROFESSIONAL EFFORTS AND JUDGMENT TO INTERPRET APPLICABLE REQUIREMENTS AS THEY APPLY TO THE PROJECT. TCE, HOWEVER, CANNOT AND DOES NOT WARRANT OR GUARANTEE THAT THE PROJECT WILL COMPLY WITH ALL INTERPRETATIONS OF SUCH REQUIREMENTS.
  - CONSTRUCTION OBSERVATION:** TCE MAY VISIT THE PROJECT AT APPROPRIATE INTERVALS DURING CONSTRUCTION TO BECOME GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF THE CONTRACTOR'S WORK AND TO DETERMINE IF THE WORK IS PROCEEDING IN GENERAL ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE OWNER HAS NOT RETAINED TCE TO MAKE DETAILED INSPECTIONS OR TO PROVIDE EXHAUSTIVE OR CONTINUOUS PROJECT REVIEW AND OBSERVATION SERVICES. TCE DOES NOT GUARANTEE THE PERFORMANCE OF, AND SHALL NOT HAVE RESPONSIBILITY FOR, THE ACTS OR OMISSIONS OF ANY CONTRACTOR, SUB-CONTRACTOR, SUPPLIER OR ANY OTHER ENTITY FURNISHING MATERIALS OR PERFORMING ANY WORK ON THE PROJECT. TCE SHALL NOT SUPERVISE, DIRECT OR HAVE CONTROL OVER THE CONTRACTOR'S WORK NOR HAVE ANY RESPONSIBILITY FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF THE CONTRACTOR. IF THE OWNER DESIRES MORE EXTENSIVE PROJECT OBSERVATION OR FULL-TIME PROJECT REPRESENTATION, THE OWNER SHALL REQUEST SUCH SERVICES BE PROVIDED BY TCE AS ADDITIONAL SERVICES.
  - CONTAMINATED SOILS NOTES:** CONTRACTOR SHALL ABIDE BY LOCAL, STATE, AND FEDERAL REGULATIONS AND BEST PRACTICES REGARDING CONTAMINATED SOILS FROM PRIOR SITE USE. REFER TO APPROVED CORRECTIVE ACTION PLAN (CAP) AND MOST RECENT ENVIRONMENTAL/SOILS REMEDIATION PLANS PREPARED BY KAS CONSULTING. SHORT AND LONG TERM MONITORING AND CAP SHALL BE APPROVED BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION. CORRECTIVE ACTION PLAN (CAP) AND SHORT AND LONG TERM SOILS MONITORING TO BE APPROVED BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION. ALL EXCAVATION ON SITE SHALL ADHERE TO DEWATERING PRACTICES INCLUDING CHECK DAMS AND Silt BAG IMPLEMENTATION IN ACCORDANCE WITH THE EXCAVATION DEWATERING DETAIL ON C8-04.
  - THE PROJECT SHALL BE ADA COMPLIANT. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING ON ADA COMPLIANT AREA PRIOR TO CONSTRUCTION.
  - THE CONTRACTOR SHALL REPAIR/RESTORE ALL DISTURBED AREAS (ON OR OFF THE SITE) AS A DIRECT OR INDIRECT RESULT OF THE CONSTRUCTION. ALL GRASSED AREAS SHALL BE MAINTAINED UNTIL FULL VEGETATION IS ESTABLISHED. MAINTAIN ALL TREES OUTSIDE OF CONSTRUCTION LIMITS.
  - IN ADDITION TO THE REQUIREMENTS SET IN THESE PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL COMPLETE THE WORK IN ACCORDANCE WITH ALL PERMIT CONDITIONS, LOCAL PUBLIC WORKS STANDARDS AND ALL CONSTRUCTION SAFETY REGULATIONS.
  - ANY DEWATERING NECESSARY FOR THE COMPLETION OF THE SITEWORK SHALL BE CONSIDERED AS PART OF THE CONTRACT AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
  - IF THERE ARE ANY CONFLICTS OR INCONSISTENCIES WITH THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR VERIFICATION BEFORE WORK CONTINUES ON THE ITEM(S) IN QUESTION.
  - SEWER LATERAL CONNECTIONS ARE SOMETIMES **NOT SHOWN FOR CLARITY**. CONTRACTOR TO CONSULT WITH ENGINEER AND SUPPLY BENDS, CLEANOUTS, ETC., AS NECESSARY TO FACILITATE PROPER CONNECTION BETWEEN FOUNDATION WALL AND SEWER MAIN LINE.
  - CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH ALL RELEVANT PARTIES (INCLUDING, BUT NOT LIMITED TO OWNER, ARCHITECT AND UTILITY COMPANIES) TO DETERMINE FINAL LAYOUT AND DESIGN.
  - DESIGN AND CONSTRUCTION OF FEDESTRIAN WALKS, RAMPS AND DECKS BETWEEN BUILDINGS AND PARKING LOTS IS PROVIDED BY THE ARCHITECT AND INCORPORATED INTO THE BUILDING DESIGN UNLESS INDICATED OTHERWISE.
  - ALL WATER LINE TAPS SHALL BE LIVE TAPS; EXISTING WATER LINE MUST REMAIN IN SERVICE DURING CONNECTION, UNLESS INDICATED OTHERWISE.
  - ROOF DOWNSPOUT CAN CONNECT TO ROOF DRAIN MANIFOLD (RD) AS DETERMINED BY ARCHITECT AND OWNER. THIS CONNECTION PIPE IS INCLUDED AS PART OF THE DESIGN PLAN BUT NOT SHOWN TO ALLOW FLEXIBILITY IN LOCATION AS NEEDED.
  - THRUST BLOCKS FOR PRESSURE LINES ARE NOT SHOWN FOR CLARITY PURPOSES. PROVIDE THRUST BLOCKS AT ALL BENDS, TEE AND REDUCES. PROJECT ENGINEER TO OBSERVE ALL THRUST BLOCKS PRIOR TO BACKFILL.
  - WATER MAIN OPERATED AT HIGH PRESSURE. ALL BUILDINGS SHALL CONFIRM STATIC BRITAE PRESSURE AND PROVIDE PRESSURE-REDUCING VALVES AS DEEMED APPROPRIATE BY THE MECHANICAL ENGINEER (OR ARCHITECT).
  - CONTRACTOR TO SUPPLY DAYLIGHT PIPING FOR FOOTING DRAINS WITHIN CONSTRUCTION LIMITS. THE EXACT LOCATION **MAY NOT BE** CRITICAL. COORDINATE WITH OWNER AND PROJECT ENGINEER.
  - FOOTING DRAINS AROUND BUILDING MAY BE SHOWN BY OTHERS (BECAUSE IT IS WITHIN THE S ZONE AROUND BUILDING). FOOTING DRAINS AND PIPE TO DAYLIGHT SHALL BE INCLUDED EVEN IF NOT SHOWN. DAYLIGHT PIPE LOCATION TO SWALE **MAY NOT BE** CRITICAL SO LONG AS IT DOES NOT CREATE ANY CONFLICT WITH OTHER UTILITIES, OR IMPACT ENVIRONMENTALLY SENSITIVE AREAS SUCH AS WETLANDS.
  - SEWER CONNECTIONS TO EXISTING MANHOLES SHALL INCLUDE WATER TIGHT CONNECTIONS, REFORMING INVERT TO PROVIDE SMOOTH FLOW STREAM AND TESTING TO ENSURE STRUCTURE IS WATER TIGHT. IF AN EXISTING MANHOLE IS FOUND NOT TO BE WATER TIGHT IT SHALL BE EXPOSED AND REPAIRED ON THE OUTSIDE. PRIOR TO CONNECTING TO EXISTING MANHOLES, SUBMIT SHOP DRAWINGS ON CORE LOCATION, ANY REQUIRED PIPING (FOR DROP MANHOLES) AND CHANGES TO INVERT FORM.
  - FINAL RIMS OF SEWER MANHOLES AND WATER VALVES SHALL BE CONFIRMED AND COORDINATED WITH FINAL SITE GRADING. MINOR ADJUSTMENTS FROM DESIGN GRADES MAY BE REQUIRED BY OWNER OR ENGINEER AND SHALL BE INCLUDED.
  - ROCK REMOVAL WORK FOR BOULDERS UNDER 2.5 CUBIC YARDS IS INCLUDED AS PART OF EXCAVATION. ANY ROCK REMOVAL FOR 2.5 CUBIC YARDS OR GREATER SHALL BE TREATED AS LEDGE MATERIAL. THIS SHOULD BE REVIEWED AND AGREED UPON BY OWNER PRIOR TO CONDUCTING ROCK REMOVAL.
  - THE GENERAL CONTRACTOR IS REQUIRED TO CONFORM TO THE STRICTEST INTERPRETATION OF THE CONTRACT DRAWING, SPECIFICATION, PERMITS AND CONSTRUCTION CONTRACT. ALL EARTH MATERIAL RECEIVED OR DISPOSED FROM OUTSIDE SOURCES SHALL COMPLY WITH APPLICABLE PERMITS AND REGULATIONS. SHOP DRAWING SUBMITTALS SHALL INCLUDE CONTRACTOR'S CERTIFICATION STATEMENT OF COMPLIANCE AND COPIES OF RELEVANT PERMITS FOR OUTSIDE SOURCES.
  - CONTRACTOR SHALL PAY FOR ALL REQUIRED TESTING. THIS SHALL INCLUDE BUT IS NOT LIMITED TO: SOIL TESTING, COMPACTION TESTING, SEVE ANALYSIS, CONCRETE TESTING, ASPHALT PENETRATION TESTING, BACTERIOLOGICAL TESTING FOR WATER AND OTHER TESTING AS PART OF STANDARD PRACTICE FOR A CONSTRUCTION PROJECT OF THIS NATURE, UNLESS INDICATED OTHERWISE AND APPROVED BY THE OWNER.

**LEGEND NOTE:**  
SOME INFORMATION MAY BE PROVIDED BY OTHERS AND COULD BE SHOWN WITH A DIFFERENT SYMBOL NOT SHOWN ON THIS LEGEND. HOWEVER, THEY ARE LABELED ON RESPECTIVE PLANS. IN SOME CASES A CHANGE IN SCALE OR PRINTER CAN ALTER INFORMATION TO NOT SHOW AN EXACT MATCH ON THIS LEGEND. IF ANY QUESTIONS EXIST CONTACT THE ENGINEER TO CLARIFY. ADDITIONAL LEGEND INFORMATION IS SUPPLIED SEPARATELY ON EROSION CONTROL PLANS AND SOME SURVEY PLATS.