

STONE ELECTRIC DEPARTMENT MILLWRIGHTS OFFICE RENOVATIONS

STONE, VERMONT

DRAWING LIST:

A0.0	TITLE SHEET
C-1	SITE PLAN
A1.1	FIRST FLOOR PLAN
A1.2	SECOND AND THIRD FLOOR PLANS
A2.0	ELEVATIONS
A2.1	ELEVATIONS
A3.0	BUILDING SECTIONS
A5.0	SCHEDULES

ABBREVIATIONS

A.B.	ANCHOR BOLT	EL.	ELEVATION	MAS.	MASONRY	S.C.	SOLID CORE
A.C.	AIR CONDITIONING	ELEG.	ELECTRIC	MATL.	MATERIAL	SCHED.	SCHEDULE
A.C.T.	ACOUSTICAL CEILING TILE	ELEV.	ELEVATOR	MAX.	MAXIMUM	SCMD	SOLID CORE WOOD DOOR
AD.J.	ADJACENT	EQ./EQUIP.	EQUIPMENT	MECH.	MECHANICAL	SECT.	SECTION
A.F.F.	ABOVE FINISHED FLOOR	E.W.C.	ELECTRIC WATER COOLER	MFR.	MANUFACTURE	SEG.	SEGMENT
ALT.	ALTERNATE	EXIST.	EXISTING	MIN.	MINIMUM	S.F.	SQUARE FOOT
ALUM.	ALUMINUM	EXP.	EXPANSION	MISC.	MISCELLANEOUS	SFTWD	SOFT WOOD
ANOD.	ANODIZED	EXT.	EXTERIOR	M.O.	MASONRY OPENING	SHT	SHEET
A.P.	ACCESS PANEL			M.R.	MOISTURE RESISTANT	SIM.	SIMILAR
APPROX.	APPROXIMATE	FAB.	FABRICATE(ION)	MTD	MOUNTED	SPEC.	SPECIFICATION
ARCH.	ARCHITECTURE	F.C.	FIRE CODE	MTL	METAL	S.S.	STAINLESS STEEL
		F.D.	FLOOR DRAIN			SSS	SURGICAL SCRUB SINK
BITUM.	BITUMINOUS	F.E.	FIRE EXTINGUISHER	N.I.C.	NOT IN CONTRACT	STD	STANDARD
BLDG.	BUILDING	FIN.	FINISH	NO	NUMBER	S.T.C.	SOUND TRANSMISSION COEFFICIENT
BLKG	BLOCKING	FLR	FLOOR	NOM.	NOMINAL	STL	STEEL
BM.	BENCH MARK	FNDN	FOUNDATION	N.T.S.	NOT TO SCALE	STOR.	STORAGE
BOT.	BOTTOM	F.O.S.	FACE OF STUD			STRUCT.	STRUCTURAL/STRUCTURE
B5MT.	BASEMENT	F.R.	FIRE RETARDANT	OFF.	OFFICE	SUSP.	SUSPENDED
B.T.U.	BRITISH THERMAL UNIT	FT.	FOOT/FEET	OPNS	OPENING		
		FTS	FOOTING	OPP.	OPPOSITE	T.	TREADS
		FURN.	FURNISH	O.C.	ON CENTER	TEL.	TELEPHONE
C.B.	CATCH BASIN			O.D.	OUTSIDE DIAMETER	T&G	TONGUE AND GROOVE
C.F.C.I.	CONTRACTOR FURNISHED			O.F.C.I.	OWNER FURNISHED	THK	THICKNESS
	CONTRACTOR INSTALLED	GA.	GAUGE (GAGE)		CONTRACTOR INSTALLED	THOLD	THRESHOLD
C.F.O.I.	CONTRACTOR FURNISHED	GALV.	GALVANIZED	O.F.O.I.	OWNER FURNISHED	TLT	TOILET
	OWNER INSTALLED	G.C.	GENERAL CONTRACTOR		OWNER INSTALLED	T.O.C.	TOP OF CONCRETE
C.H.	CABINET HEATER	GL.	GLASS			T.O.F.	TOP OF FOOTING
C.J.	CONSTRUCTION JOINT	GYP.	GYPSON	PERIM.	PERIMETER	T.O.SIL	TOP OF SILL
CL	CENTER LINE	G.W.B.	GYPSON WALL BOARD	P. LAM.	PLASTIC LAMINATE	T.O.SLB	TOP OF SLAB
CLG	CEILING			PLYND	PLYWOOD	T.O.W.	TOP OF WALL
CLR	CLEAR	H.C.	HOLLOW CORE	PNT	PANEL	TYP.	TYPICAL
C.M.U.	CONCRETE MASONRY UNIT	HDCP	HANDICAPPED	POLY.	POLYETHYLENE	U.N.O.	UNLESS NOTED OTHERWISE
C.O.	CLEAN OUT	HDDVD	HARDWOOD	PR	PAIR	U.L.	UNDERWRITERS LABORATORIES
COL.	COLUMN	HDWR	HARDWARE	PREFAB.	PREFABRICATED	UNEXCAV.	UNEXCAVATED
CONC.	CONCRETE	H.M.	HOLLOW METAL	P.S.F.	POUNDS PER SQUARE FOOT	UNFIN.	UNFINISHED
CONF.	CONFERENCE	HORIZ.	HORIZONTAL	P.S.I.	POUNDS PER SQUARE INCH		
CONN.	CONNECTION	H.P.	HIGH POINT	PTD	PAINTED	V.B.	VAPOR BARRIER
CORR.	CORRIDOR	HT	HEIGHT	P.T.D.	PAPER TOWEL DISPENSER	V.C.B	VINYL COVE BASE
CONTR	CONTRACTOR	H.V.A.C.	HEATING, VENTILATION & AIR CONDITIONING	P.T.	PRESERVATIVE TREATED	V.S.B.	VINYL STRAIGHT BASE
CPT	CARPET			P.V.C.	POLYVINYL CHLORIDE	V.C.T.	VINYL COMPOSITION TILE
C.S.I.	CONSTRUCTION SPECIFICATIONS INSTITUTE	H.W.	HOT WATER	Q.T.	QUARRY TILE	VERT.	VERTICAL
C.T.	CERAMIC TILE	I.D.	INTERIOR DIAMETER	QTY	QUANTITY	VEST.	VESTIBULE
C.W.	COLD WATER	I.N.C.I.	INCLUDE/INCLUSIVE	R.	RISER	V.T.	VINYL TILE
		INCL.	INCLUDE/INCLUSIVE	RAD.	RADIUS	V.W.C.	VINYL WALL COVERING
DEG.	DEGREE	INFO.	INFORMATION	R&G	RETURN AIR GRILLE	W.	WITH
DEMO.	DEMOLITION	INSUL.	INSULATION/INSULATED	R&G	ROOF DRAIN	W.C.	WATER CLOSET
DET.	DETAIL	INT.	INTERIOR	REF.	REFRIGERATOR	WO	WOOD
D.F.	DRINKING FOUNTAIN			REINF.	REINFORCING	WDO	WINDOW
D.H.	DOUBLE HUNG	JAN.	JANITOR	REQD	REQUIRED	W.F.	WIDE FLANGE
D/A.	DIAMETER	JT	JOINT	RESIL.	RESILIENT	W.GL.	WIRE GLASS
DI.	DIMENSION			R.H.	RIGHT HAND	W/O	WITHOUT
D.L.	DEAD LOAD	L	ANGLE	R.H.R.	RIGHT HAND REVERSE	WP	WEATHERPROOFING
DN	DOWN	LAB.	LABORATORY	RM	ROOM	WS	WEATHERSTRIPPING
DW	DISHWASHER	LAM.	LAMINATED	R.O.	ROUGH OPENING	WT	WEIGHT
DWS.	DRAINING	LAV.	LAVATORY	R.O.W.	RIGHT OF WAY	W.W.F.	WELDED WIRE FABRIC
		L.H.	LEFT HAND			W.W.M.	WELDED WIRE MESH
EA.	EACH	L.H.R.	LEFT HAND REVERSE			YD	YARD
E.I.F.S.	EXTERIOR INSULATING FINISH SYSTEM	L.L.	LIVE LOAD				
E.J.	EXPANSION JOINT	L.P.	LOW POINT				

GENERAL:

- EXERCISE CAUTION IN ALL DEMOLITION WORK. PROVIDE SHORING AND BRACING AS REQUIRED. REVIEW DEMOLITION WITH ARCHITECT PRIOR TO COMMENCING WORK. STRIP EXISTING FINISHES TO EXPOSE STRUCTURAL ELEMENTS IN CONSULTATION WITH THE ARCHITECT. REPORT ALL DEVIATIONS AND CONCEALED CONDITIONS TO THE ARCHITECT IMMEDIATELY.
- INTERRUPTION OF UTILITIES: ARRANGE WITH THE OWNER AND APPROPRIATE LOCAL UTILITY CO. REPRESENTATIVES PRIOR TO INTERRUPTING ELECTRICAL UTILITIES.
- IN PARTIAL REMOVAL WORK AND WHERE NEW WORK IS TO BE JOINED TO EXISTINGS, REMOVE WORK BACK TO THAT POINT THAT WILL PROVIDE SUFFICIENT CLEARANCE, OR PROPER SURFACE, FOR THE ATTACHMENT OR APPLICATION OF THE NEW WORK OF FINISHES.
- MAKE ALL CUTS FOR NEW OPENINGS ALONG PLUMB AND LEVEL LINES. SQUARE TO EACH OTHER USING POWER OR HAND TOOLS SUITED TO THE MATERIALS TO BE CUT. CUTTING CONCRETE AND MASONRY SHALL BE DONE WITH NET CUT SAWS BY EXPERIENCED MECHANICS.
- PROVIDE TEMPORARY SHORING, SUPPORTS AND BRACING FOR EXISTING WORK TO REMAIN AS NEEDED TO PREVENT COLLAPSE OR OTHER DAMAGE THAT MIGHT BE CAUSED BY NATURAL OR MAN-MADE FORCES. THE DESIGN, EXTENT AND NATURE OF THE SUPPORTS AND BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ANY FAILURES OR DAMAGE THAT OCCURS DUE TO THE NEGLIGENCE OR POOR JUDGEMENT OF THE CONTRACTOR SHALL BE CORRECTED TO THE SATISFACTION OF, AND AT NOT COST TO THE OWNER.
- PROTECTION FROM THE WEATHER: THE INTERIOR OF THE BUILDING AND ALL MATERIALS AND EQUIPMENT SHALL BE PROTECTED FROM THE WEATHER AT ALL TIMES BY MEANS OF WEATHER PROOF CLOSURES.
- ERECT AND MAINTAIN TEMPORARY DUST PROOF PARTITIONS IN THE FORM OF PLYWOOD AND/OR POLYETHYLENE SHEATHING TO PREVENT THE SPREAD OF DUST, FUMES, NOISE AND SMOKE FROM OCCUPIED AREAS OF THE BUILDING.
- REMOVE ALL DEBRIS AND WASTE CREATED BY THE REMOVALS WORK AS IT IS PRODUCED.

DEMOLITION NOTES:

- THE WORK OF THIS SECTION, WITHOUT LIMITATION, INCLUDES THE REMOVAL OR SALVAGE OF WORK, AND CUTTING AND PATCHING AS DESCRIBED HEREIN AND SHOWN ON THE DRAWINGS.
- THE TERM "REMOVAL" SHALL INCLUDE REMOVAL/DISMANTLING/DESTRUCTION/SALVAGE AND DISPOSAL OF EXISTING COMPONENTS AND PORTIONS OF THE EXISTING BUILDING AND BUILDING MATERIALS TO ENABLE THE REQUIRED NEW WORK TO BE PERFORMED.
- THE OWNER RETAINS THE OPTION TO SALVAGE ANY REMOVED ITEM AND THE GENERAL CONTRACTOR SHALL TRANSPORT SUCH ITEM TO STORAGE PLACES DESIGNATED BY THE OWNER. ALL RUBBLE AND ALL ITEMS UNWANTED OR REJECTED BY THE OWNER SHALL BECOME PROPERTY OF THE GENERAL CONTRACTOR AND BE DISPOSED OF BY THE GENERAL CONTRACTOR.
- THE DRAWINGS DO NOT PURPORT TO SHOW ALL OBJECTS ON THE SITE TO BE REMOVED. IF THERE IS ANY DOUBT OR QUESTION ABOUT ANY DEMOLITION WORK OR SALVAGE ITEM, NOTIFY THE ARCHITECT IMMEDIATELY WHO WILL FURNISH CLARIFICATION.
- DISCONNECT, CAP, REMOVE, AND IDENTIFY UTILITIES WITHIN THE REMOVAL AREAS AS NECESSARY TO PERFORM THE NEW WORK.
 - PERSEVERE IN OPERATING CONDITION ALL ACTIVE UTILITIES TRAVERSING THE PROJECT SITE. REPAIR DAMAGE TO ANY SUCH UTILITY DUE TO WORK UNDER THIS CONTRACT, TO BE SATISFACTION OF THE ARCHITECT.
- PROTECTION: CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC AND PRIVATE THOROUGHFARES. EXECUTE THE WORK IN SUCH WAY AS TO AVOID HAZARD TO PERSONS AND PROPERTY, MAINTAIN PROTECTED EGRESS AND ACCESS TO AND FROM THE BUILDING AT ALL TIMES PROVIDE PROTECTION TO PERSONS AND PROPERTY AT ALL TIMES.
 - FURNISH AND INSTALL ALL NECESSARY FENCES, GUARDS, SHORING, WARNING SIGNS AND BARRICADES TO PROTECT THE PUBLIC AND WORKMEN DURING DEMOLITION AND UNTIL THEY ARE NO LONGER NEEDED FOR PROTECTION.

REMOVALS:

- DO ALL REMOVAL WORK WITHOUT DAMAGING WORK TO REMAIN, OR THE REMOVED ITEM IF IT IS BE SALVAGED. ANY DAMAGE TO REMAINING WORK THAT DOES OCCUR SHALL BE RESTORED OR REPAIRED TO THE SATISFACTION OF THE ARCHITECT AT NO COST TO THE OWNER.
- WHERE NECESSARY REMOVE ALL ARCHITECTURAL ITEMS AND MECHANICAL AND ELECTRICAL APPERATUS DEVICES AND FITTINGS ALONG WITH THEIR RELATED APPURTENANCES.
- REMOVALS-PATCHING-REINSTALLATION: WHERE CERTAIN ITEMS ARE REQUIRED TO BE REMOVED AND REINSTALLED, SUCH WORK SHALL BE DONE BY TRADES CUSTOMARILY RESPONSIBLE FOR THE PARTICULAR ITEM OR CLASS OF WORK INVOLVED.
- WHERE AN ITEM MUST BE STORED BEFORE REINSTALLATION, ADEQUATELY IDENTIFY BY TAG OR LABEL SECURELY ATTACHED TO THE ITEM. SAFELY STORE SUCH ITEMS UNTIL REINSTALLED.

CUTTING AND PATCHING:

- IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR AND/OR SUB-CONTRACTOR TO EXAMINE ALL THE CONTRACT DRAWINGS AND EXISTING SITE CONDITIONS FOR EACH TRADE, AND TO PROVIDE ALL CHASES, CHANNELS, OR OPENINGS REQUIRED TO COMPLETE THE WORK AND/OR DEFINATELY LOCATED BY SUCH TRADES PREVIOUS TO CONSTRUCTION OF THE WORK INVOLVED.
- EACH CONTRACTOR AND/OR SUB-CONTRACTOR, AND OTHERS SHALL FURNISH, PROPERLY LOCATE AND INSTALL ALL SLEEVES, INSERTS, HANGERS, ETC. REQUIRED TO BE BUILT-IN FOR THE INSTALLATION OF THEIR WORK.
- POSITIVE INSTRUCTIONS SHALL BE OBTAINED FROM THE ARCHITECT BEFORE THE CUTTING INTO ANY STRUCTURAL SUPPORTING OR LOAD BEARING MEMBERS.
- IMMEDIATELY REMOVE FROM THE SITE ALL MATERIALS AND DEBRIS RESULTING FROM THE WORK OF REMOVALS. THE CONTRACTOR SHALL MAKE ARRANGMENTS WITH LOCAL AUTHORITIES AS TO LEGAL DISPOSAL AREA AND PAY ALL FEES AS MAY BE REQUIRED BY THEM. STORAGE OF SUCH MATERIALS, OR OF TOOLS AND EQUIPMENT, ON THE SITE WILL NOT BE PERMITTED



LOCUS MAP

SYMBOLS LEGEND

- SECTION NUMBER
- SECTION MARK
- WHERE DRAWN
- INTERIOR ELEVATION MARK DRAWN ON SAME SHEET
- COLUMN CENTERLINE
- ROOM NUMBER
- DOOR MARK
- WINDOW MARK
- WALL TYPE
- REVISION NOTE

NOT FOR CONSTRUCTION

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STONE ELECTRIC DEPARTMENT
SECOND OFFICE RENOVATIONS

435 MOSCON ROAD
STONE, VERMONT

TITLE SHEET

SCALE: AS NOTED
CADD DATE:
DRAWN BY: CCC
CADD FILE:

DRAWING NO.

A0.0

PROGRESS RELEASE

DESCRIPTION

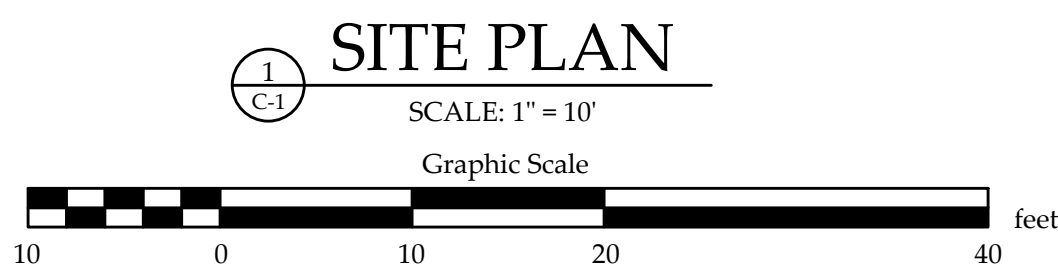
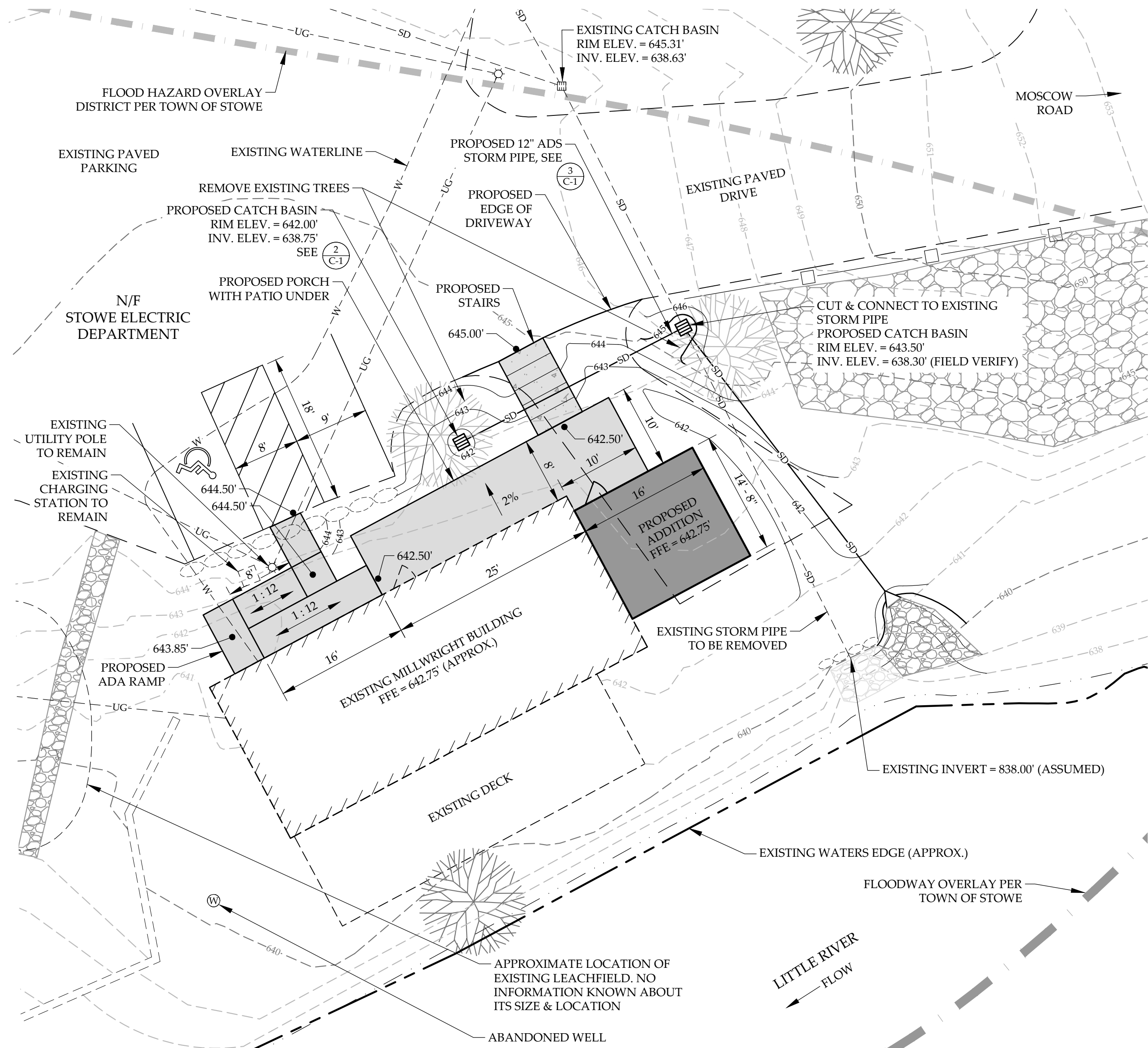
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BY

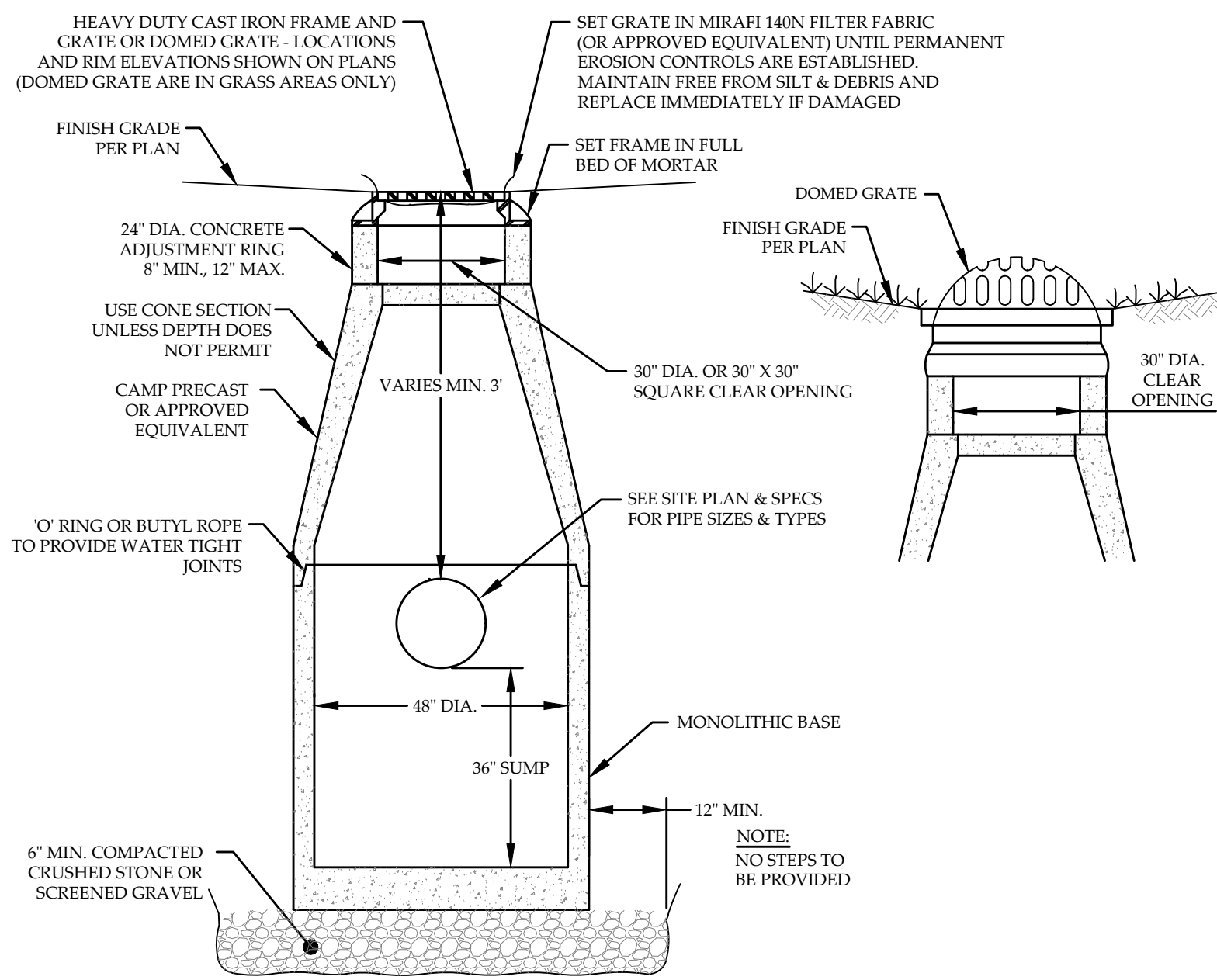
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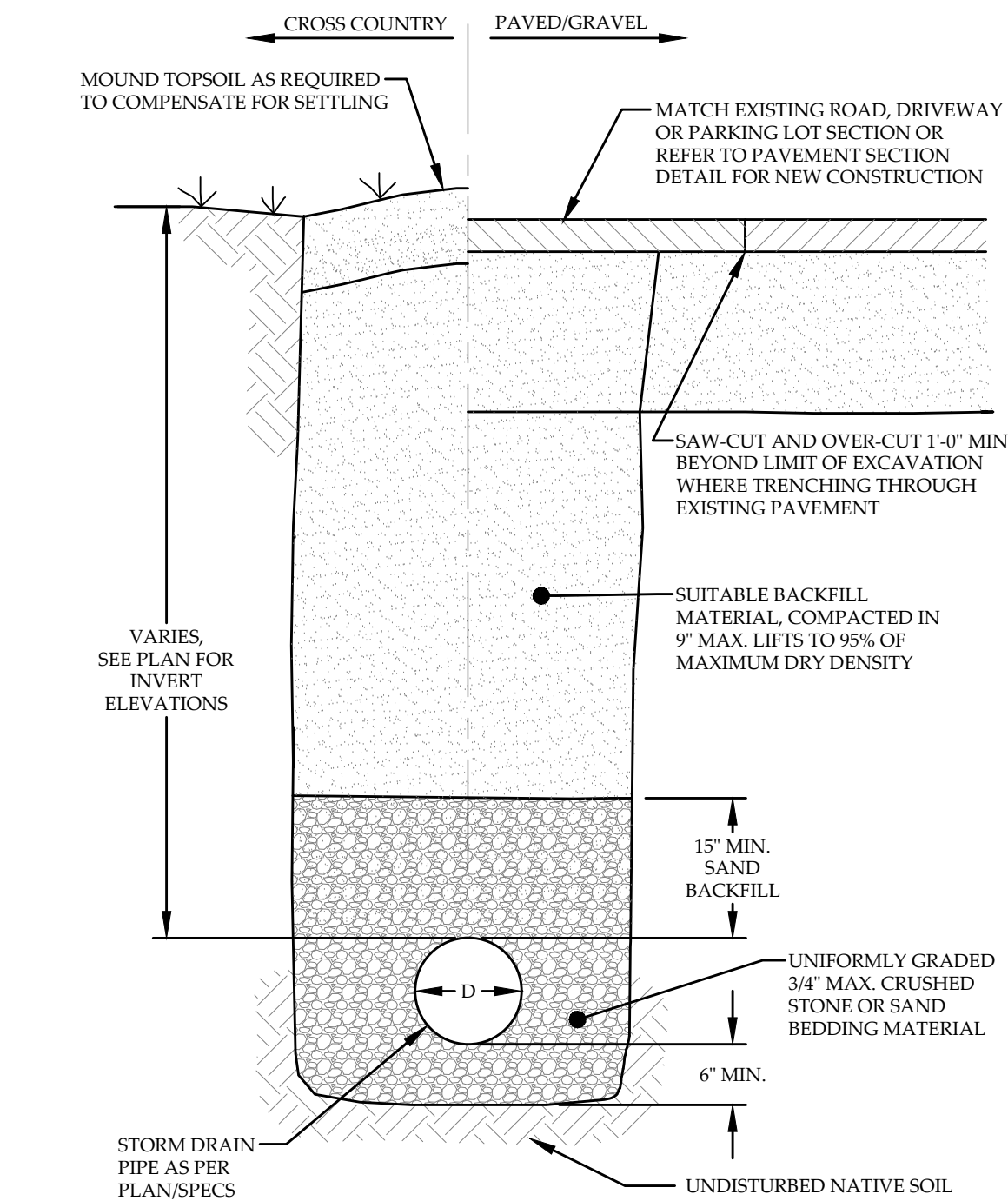
11/15/24



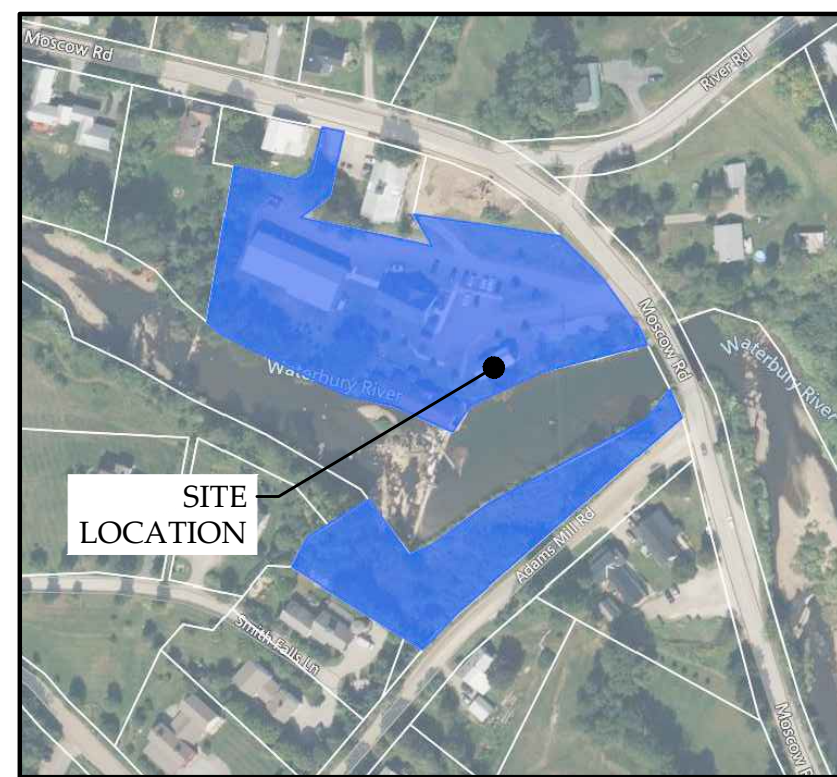
LEGEND	
N/F	NOW OR FORMERLY OWNED BY
●	IRON PIPE / REBAR FOUND
■	EXISTING CATCH BASIN
□	PROPOSED CATCH BASIN
⊙	EXISTING DRILLED WELL
⊕	EXISTING STORM DRAIN MANHOLE
⊗	EXISTING TREE / SHRUB
---	EXISTING PROPERTY LINE
---	ABUTTER PROPERTY LINE
---	EXISTING EDGE OF GRAVEL
---	EXISTING EDGE OF PAVEMENT
---	EXISTING UNDERGROUND POWER / TELECOMMUNICATIONS
---	EXISTING WATER LINE
---	EXISTING GRAVITY SEWER LINE
---	EXISTING PRESSURE SEWER LINE
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	EXISTING STORMWATER DRAIN
---	PROPOSED STORMWATER DRAIN
---	EXISTING OVERHEAD WIRES
---	EXISTING RETAINING WALL
---	EXISTING STOCKADE FENCE
---	EXISTING TREE LINE
---	FLOODWAY PER TOWN OF STOWE
---	FLOOD HAZARD OVERLAY DISTRICT



2 TYPICAL CATCH BASIN
NOT TO SCALE



3 TYPICAL STORM DRAIN TRENCH
NOT TO SCALE



SITE LOCATION MAP
NOT TO SCALE

PURPOSE OF PLAN:

PROPOSED BUILDING ADDITION

OWNER OF RECORD:

TOWN OF STOWE
TOWN ELECTRIC DEPARTMENT
435 MOSCOW ROAD
STOWE, VT 05672

PLAN REFERENCES:

- TOPOGRAPHIC, PARCEL, AND ORTHOGRAPHIC INFORMATION TAKEN ELECTRONICALLY FROM THE VERMONT CENTER FOR GEOGRAPHIC INFORMATION ON 04-01-24.
- PARCEL AND SITE INFORMATION PROVIDED ELECTRONICALLY BY THE TOWN OF STOWE ON FEBRUARY 24, 2024.
- PARCEL AND SITE INFORMATION TAKEN FROM PLAN ENTITLED "SITE PLAN, ETHAN & KRISTINE CARLSON, 515 MOSCOW ROAD, STOWE, VERMONT", PREPARED BY MUMLEY ENGINEERING, INC., DATED 09/26/23.
- PARCEL INFORMATION PROVIDED ELECTRONICALLY AND TAKEN FROM PLAN ENTITLED "SMITH'S FALLS, HYDROELECTRIC PROJECT, FERC EXHIBIT G, APPLICANT STOWE ELECTRIC DEPARTMENT, 435 MOSCOW ROAD, STOWE, VERMONT", PREPARED BY LITTLE RIVER SURVEY COMPANY LLC, STAMPED PRELIMINARY, DATED MARCH 2024, JOB: 23603.
- SITE INFORMATION TAKEN FROM PLAN ENTITLED "EXISTING CONDITIONS, MOSCOW MILLS DAM, STOWE ELECTRIC DEPARTMENT" PREPARED BY SLR CONSULTING, DATED SEPTEMBER 9, 2021, PROJECT NUMBER 17412.00001.
- SITE INFORMATION TAKEN FROM PLAN ENTITLED "BULLETIN #2 ISSUED FOR BIDDING, NEW STOWE ELECTRIC DEPARTMENT HEADQUARTERS, SITE GRADING PLAN, OLD MOSCOW MILL SITE, MOSCOW ROAD, STOWE", PREPARED BY GRENIER ENGINEERING, PC, DATED 10-10-17. PERMIT #WW-5-1334-1, DATED 11-01-2017.

NOTES:

- THIS DRAWING IS NOT A BOUNDARY SURVEY PLAT. BOUNDARY LINE INFORMATION SHOWN IS BASED ON PLAN REFERENCES #2, #3 & #4. THE PROPERTY LINES, EASEMENTS AND OTHER REAL PROPERTY DESCRIPTIONS PROVIDED ON THIS DRAWING ARE FOR ILLUSTRATION PURPOSES ONLY. THEY DO NOT DEFINE LEGAL RIGHTS OR MEET LEGAL REQUIREMENTS FOR A LAND SURVEY AS DESCRIBED IN V.S.A. TITLE 27 SECTION 1403 AND SHALL NOT BE USED IN LIEU OF A SURVEY AS THE BASIS OF ANY LAND TRANSFER OR ESTABLISHMENT OF ANY PROPERTY RIGHT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING AND DETERMINING THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES OR UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION. APPROPRIATE REMEDIAL ACTION SHALL BE TAKEN BEFORE PROCEEDING WITH THE WORK.
- THIS TOPOGRAPHIC SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF "DIG SAFE" MARKINGS. UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE NOT WARRANTED TO BE EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT "DIG SAFE" BEFORE COMMENCING ANY WORK AND SHALL PRESERVE ALL EXISTING UTILITIES NOT SPECIFIED TO BE REMOVED OR ABANDONED AS PART OF THE PROJECT.

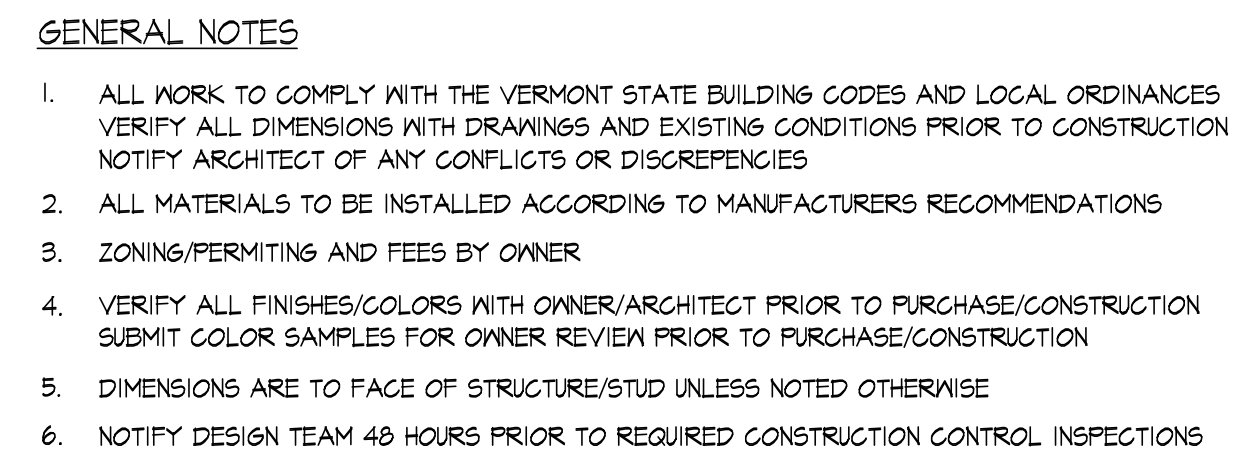
SITE PLAN
STOWE TOWN ELECTRIC DEPARTMENT
435 MOSCOW ROAD
STOWE, VERMONT

MUMLEY
ENGINEERING, INC.
46 HUTCHINS STREET
MORRISVILLE, VT 05661
WWW.MUMLEYENGINEERING.COM
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PROJECT NO.24045
DRAWN BY.WEH/TSW
CHECKED BY.TRM
SCALE.1" = 10'
DATE.06/24/24

SHEET NO.

C-1
1 OF 1 SHEETS

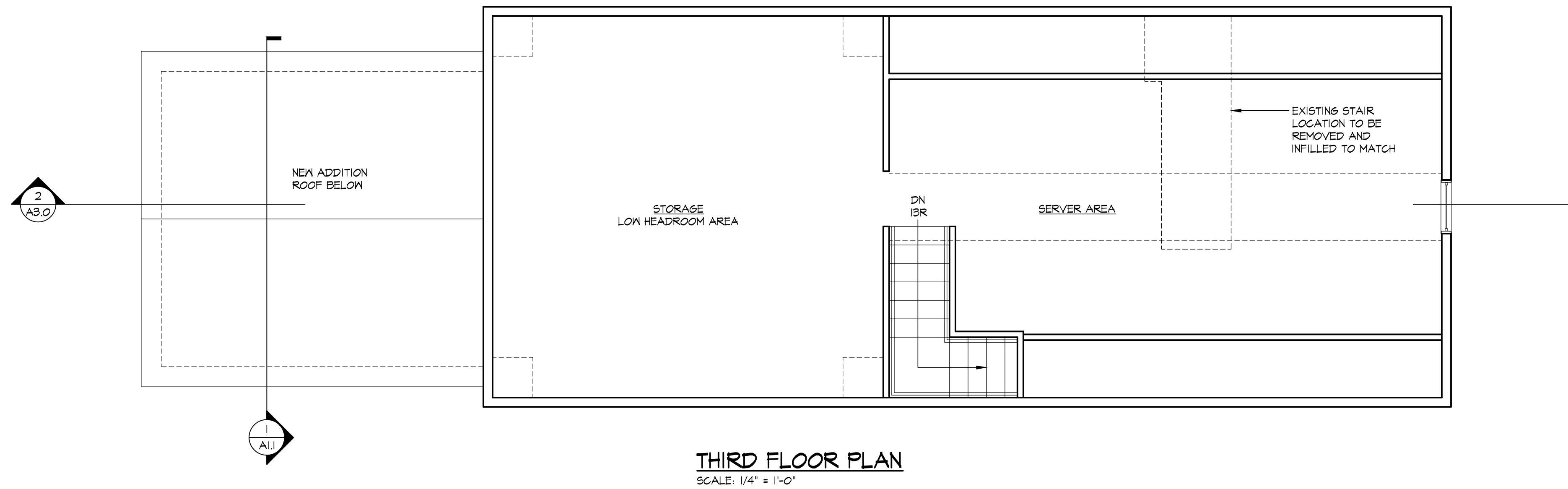
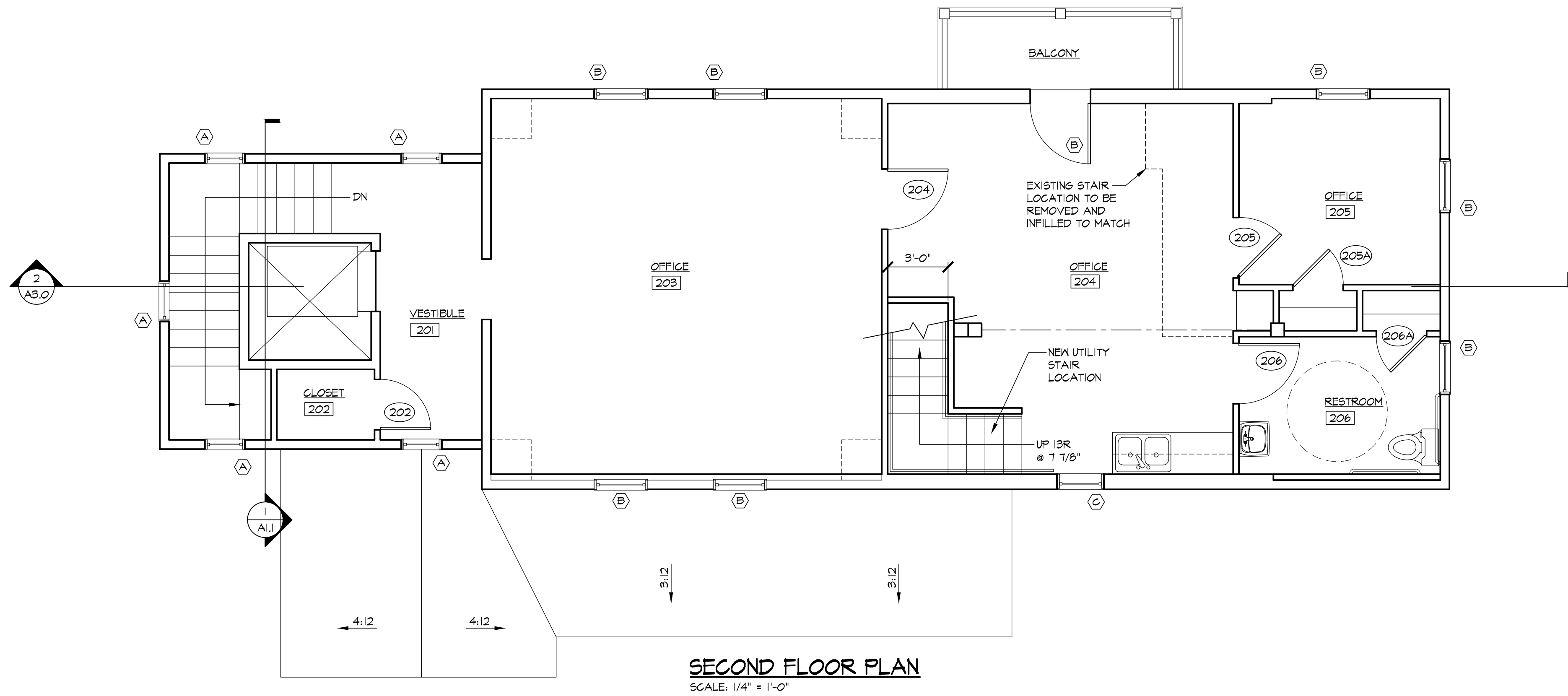


FLOOR PLANS

33 Sylvan Park Road, Stowe, Vermont, 05672 802-253-4394

SCALE:	AS NOTED
CADD DATE:	
DRAWN BY:	CCC
CADD FILE:	

A.I.I



NOT FOR CONSTRUCTION

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STONE ELECTRIC DEPARTMENT
SECOND OFFICE RENOVATIONS
435 MOSCON ROAD
STONE, VERMONT

FLOOR PLANS

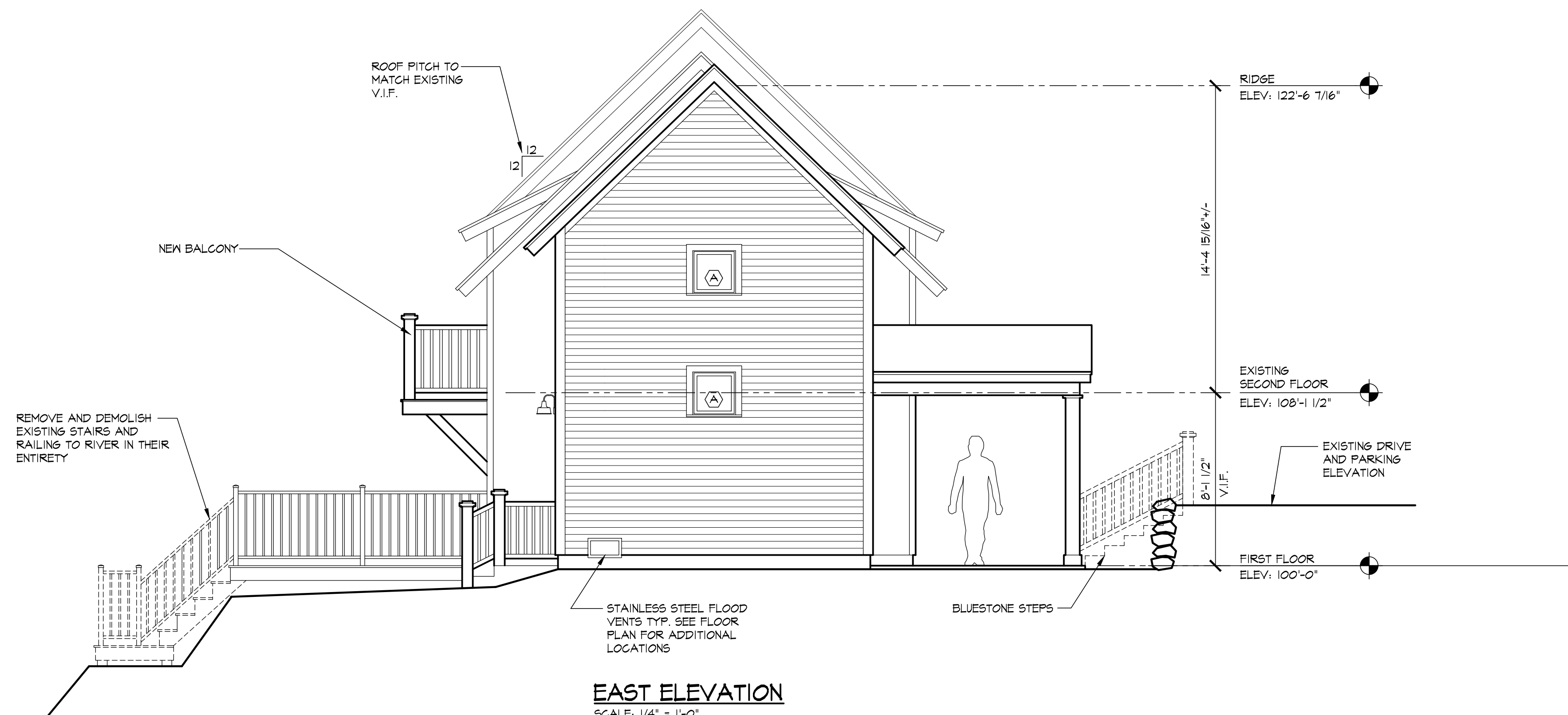
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DRAWN BY: CCC
CADD FILE:

DRAWING NO.
A1.2

ACTION	DATE	BY	DESCRIPTION
D	11/5/24	CCC	PROGRESS RELEASE
C	10/25/24	CCC	PROGRESS RELEASE
B	4/4/24	CCC	PROGRESS RELEASE
A	2/27/24	CCC	PROGRESS RELEASE



NORTH ELEVATION
SCALE: 1/4" = 1'-0"



EAST ELEVATION
SCALE: 1/4" = 1'-0"

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**STONE ELECTRIC DEPARTMENT
SECOND OFFICE RENOVATIONS**
435 MOSCON ROAD
STONE, VERMONT

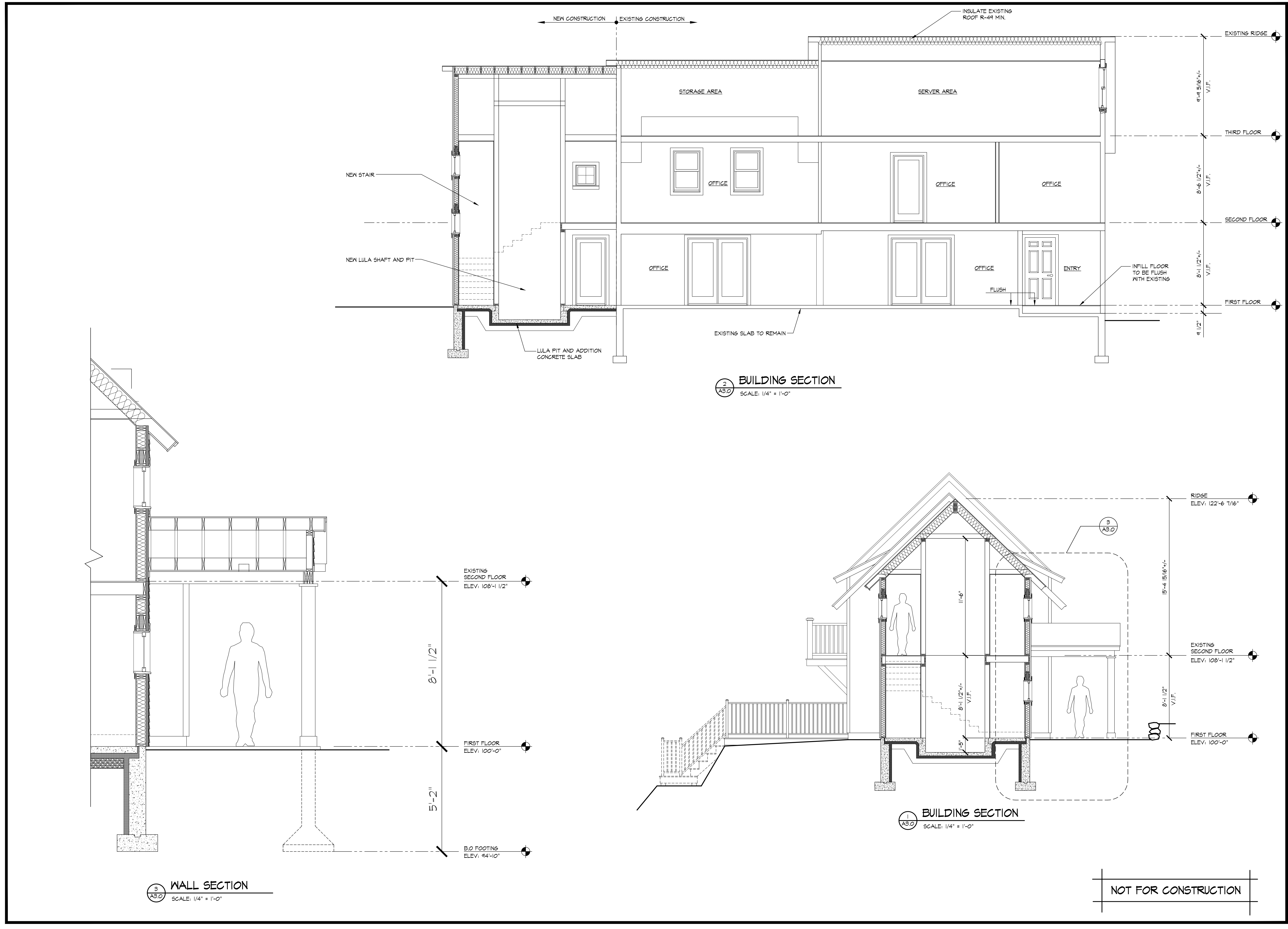
ELEVATIONS

SCALE: AS NOTED
CADD DATE:
DRAWN BY: CCC
CADD FILE:


DRAWING NO.

A2.0

ACTION	DATE	BY	DESCRIPTION
D	11/5/24	CCC	PROGRESS RELEASE
C	10/25/24	CCC	PROGRESS RELEASE
B	4/4/24	CCC	PROGRESS RELEASE
A	2/27/24	CCC	PROGRESS RELEASE



ACTION	DATE	BY	DESCRIPTION
C	11/5/24	CCC	PROGRESS RELEASE
B	10/25/24	CCC	PROGRESS RELEASE
A	4/4/24	CCC	PROGRESS RELEASE



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**STONE ELECTRIC DEPARTMENT
SECOND OFFICE RENOVATIONS**

435 MOSCON ROAD
STONE, VERMONT

BUILDING SECTIONS AND DETAILS

SCALE: AS NOTED
CADD DATE:
DRAWN BY: CCC
CADD FILE:

DRAWING NO.

A3.0

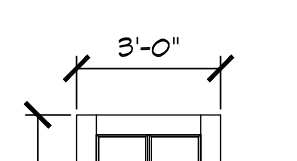
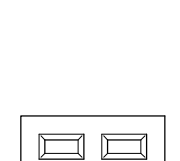
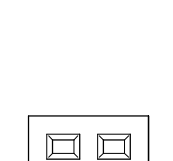
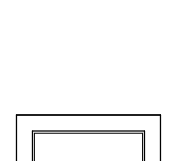
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TRIM SCHEDULE:

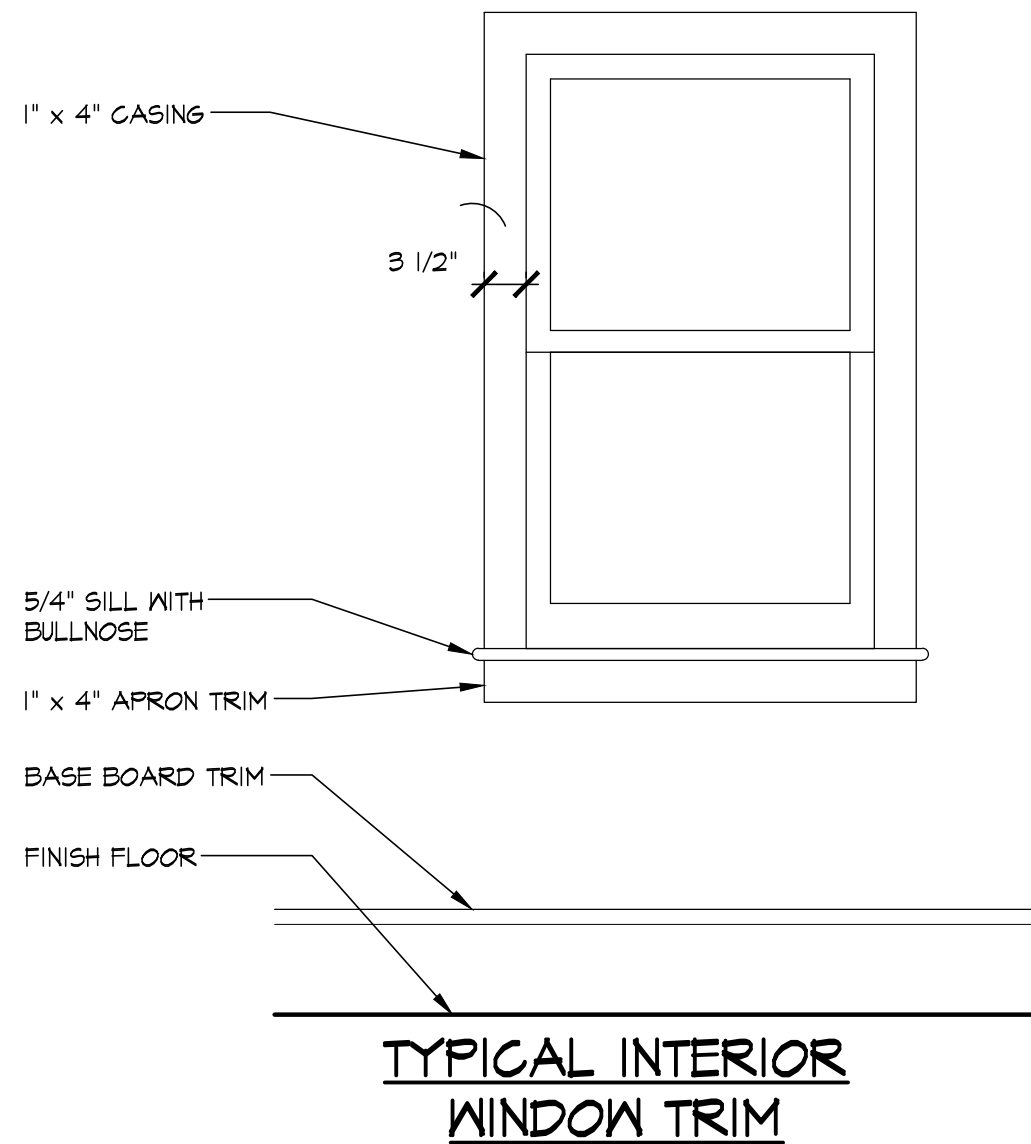
INTERIOR:	EXTERIOR
BASEBOARD - 1X6 POPLAR W/ BROSCO # 5665 (POPLAR)	REFER TO ELEVATIONS FOR EXTERIOR TRIM WORK COMPOSITE TO MATCH SIDING
DOOR CASING - 1X4 POPLAR	
WINDOW CASING - 1X4 POPLAR	ALL ORNAMENTAL TRIM WORK TO BE BUILT-UP STOCK BROSCO TRIM COMPONENTS

<u>HARDWARE SET 2</u>		<u>HARDWARE SET 5</u>		<u>MANUFACTURERS AND FINISHES</u>			
1	1/2 PAIR BUTTS	1	1/2 PAIR BUTTS	ITEM	MFR.	MODEL	FINISH
1	LEVER LOCKSET - ENTRANCE FUNCTION	1	LEVER LOCKSET - CLASSROOM FUNCTION	BUTTS	STANLEY	BALL BEARING 5 KNUCKLE	T.B.D.
3	SILENCERS	3	SILENCERS	LOCKSET	SCHLAGE	AL SERIES	T.B.D.
1	WEATHERSTRIPING	1	WALL BUMPER	CLOSER	NORTON	SURFACE MOUNTED	T.B.D.
1	CLOSER SURFACE MOUNTED			THRESHOLD	REESE	VARIES	T.B.D.
1	H.G. THRESHOLD			BUMPER	HAGER	232W	T.B.D.
<u>HARDWARE SET 3</u>		<u>HARDWARE SET 4</u>		H.M. FRAME	-	16 GA WELDED (GALV, A60)	PAINTED
1	1/2 PAIR BUTTS	1	1/2 PAIR BUTTS	H.M. DOOR	-	18 GA WELDED (GALV, A60)	PAINTED
1	LEVER LATCHSET - TOILET FUNCTION	1	LEVER LOCKSET - PASSAGE FUNCTION				
3	SILENCERS	3	SILENCERS				
1	WALL BUMPER	1	WALL BUMPER				
1	CLOSER						

- ALL DOORS TO HAVE CLOSERS
- ALL PANEL DOORS TO BE RAISED PANELS
- FIRE RATED DOORS TO INCLUDE TIMELY FIRE RATED FRAME ASSEMBLY (SEE DETAIL)

① DOOR #1	② DOOR #2	③ DOOR #3	④ DOOR #4	⑤ DOOR #5	⑥ DOOR #6	⑦ DOOR #7	⑧ DOOR #8	⑨ DOOR #9	⑩ DOOR #10	⑪ DOOR #11	⑫ DOOR #12	⑬ DOOR #13	⑭ DOOR #14	⑮ DOOR #15
 <p>EXTERIOR WOOD DOOR SIMPSON FIR DOOR 3'-0"X6'-8"X 3/4"</p>	 <p>INTERIOR MDF DOOR TRUSTILE - PAINTED 3'-0"X6'-8"X 3/8"</p>	 <p>INTERIOR MDF DOOR TRUSTILE - PAINTED 2'-6"X6'-8"X 3/8"</p>	 <p>INTERIOR MDF DOOR TRUSTILE - PAINTED 3'-0"X6'-8"X 3/8"</p>											
NOT FOR CONSTRUCTION														

DOOR TYPE	DOOR NUMBER	DOOR SIZE (W x H)	LITE KIT	FIRE RATING	WALL	HARDWARE	COMMENTS
①	101	3'-0" x 6'-8"	1/2 LITE			HXN-1	WEATHERSTRIP
②	102	3'-0" x 6'-8"				HXN-5	
①	103	3'-0" x 6'-8"	1/2 LITE			HXN-1	WEATHERSTRIP
②	103A	3'-0" x 6'-8"				HXN-5	
①	104	3'-0" x 6'-8"	1/2 LITE			HXN-1	WEATHERSTRIP
②	105	3'-0" x 6'-8"				HXN-2	
②	105	3'-0" x 6'-8"				HXN-3	
	201			NOT USED			
②	202	3'-0" x 6'-8"				HXN-2	
	203			NOT USED			
②	204	3'-0" x 6'-8"				HXN-4	
④	205	3'-0" x 6'-8"	1/2 LITE			HXN-5	
③	205A	2'-6" x 6'-8"				HXN-4	
②	206	3'-0" x 6'-8"				HXN-3	
②	206A	2'-6" x 6'-8"				HXN-4	



INTERIOR SURFACES		EXTERIOR SURFACES	
WALLS	TWO EGGSHELL FINISH COATS - LATEX	SIDING	FACTORY FINISH
CEILINGS	ONE PRIME COAT TWO EGGSHELL FINISH COATS - LATEX	TRIM, FASCIAS, SOFFITS	ONE LATEX SEMI-GLOSS FINISH COAT (T.B.D.)
CEILINGS NET LOCATIONS	ONE PRIME COAT TWO EGGSHELL FINISH COATS - LATEX	PREPRIMED DOORS AND WINDOWS	TO BE DETERMINED
WOOD TRIM; WINDOWS AND MAINSCOT	ONE PRIME COAT TWO SEMI-GLOSS FINISH COATS	WOOD DECKING	N/A
FLOORS NATURAL WOOD FINISH	THREE COATS SEMI-GLOSS POLYUREATHANE	ENTRY CEILING: 1x6 T-6 BEADBOARD	ONE LATEX SEMI-GLOSS FINISH COAT (T.B.D.)
CEILING BEAMS	N/A		
WOOD DOORS	ONE PRIME COAT TWO EGGSHELL FINISH COATS - LATEX		

 **CHRISTIAN C. CAREY**
ARCHITECT, P.C.

Architecture ♦ Historic Preservation
33 Sylvan Park Road, Stowe, Vermont 05667 802-253-4394

STONE ELECTRIC DEPARTMENT SECOND OFFICE RENOVATIONS

435 MOSCOW ROAD
STONE, VERMONT

SCHEDULES

SCALE: AS NOTED
CADD DATE:
DRAWN BY: CCC
CADD FILE:

DRAWING NO.
A5.0

GENERATION LIGHTING

8637401-15: Medium One Light Outdoor Wall Lantern Dimensions:



Diameter:	12"	Extends:	17 1/8"
Width:	12"	Extends Max:	23 1/8"
Height:	10 5/8"	Wire:	6 1/2" (color/Black/White)
Weight:	1.8 lbs.	Mounting Proc.:	Cap Nuts
		Connection:	Mounted To Box

Bulbs:

1 - Medium A19 75w Max. 120v - Not included

Features:



- Dark sky friendly. Designed to emit no light above the 90° horizontal plane. Photometry unavailable.
- Easily converts to LED with optional replacement lamps
- Meets Title 24 energy efficiency standards
- Title 24 compliant if used with Joint Appendix (JA8) approved light bulbs listed in the California Energy Commission Appliance database.

Collection: Barn Light

Featured in the decorative Barn Light collection

1 A19 Medium 75 watt light bulb

Dark sky friendly. Designed to emit no light above the 90° horizontal plane. Photometry unavailable.

Easily converts to LED with optional replacement lamps

Meets Title 24 energy efficiency standards

UPC #:785652092749

Finish: White (15)

Material List:

1 Body - Aluminum - White

Safety Listing:

Safety Listed for Wet Locations

Instruction Sheets:

Trilingual (English, Spanish, and French) (990W8_37401-BRL)

Backplate / Canopy Details:

Type	Height / Length	Width	Depth	Diameter	Outlet Box Up	Outlet Box Down
Back Plate			1 1/4	5	5 1/4	8 1/4

Shipping Information:

Package Type	Product #	Quantity	UPC	Length	Width	Height	Cube	Weight	Fr. Class	UPS Ship
Individual	8737401-12	1	785652092749	20.5	16.5	16.38		1	60	Yes
NJ Pallet		38		48	40	77	85.556	136.8		No
NV Pallet		38		48	40	77	85.556	136.8		No





1-800-Simpson



Email Us

[Contact Us](#) | [Careers](#) | [EZQ](#)



7444 THERMAL SASH

DOOR SPECIFICATIONS (AS SHOWN):


Wood Species: Fir

Glass: Clear

Profile: Ovolo Sticking

Panel Type: 1-7/16" Innerbond DHRP

Rough opening needs to be 2" wider and 2 1/2" taller than your door.

 [Use my location to provide accurate pricing](#)

STANDARD OPTIONS

Quantity

1

[Change Quantity](#)

Change Door Shape

Planning to Stain or Paint?

[view more](#)

☒ Stain ☐ Paint

Wood Species

Fir



Original Slab Width

[view more](#)

Feet

3



Inches

0



Fraction

0



Original Slab Height

[view more](#)

6



8



0



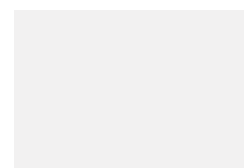


COLORFUL SIDING. BEAUTIFUL FINISH.

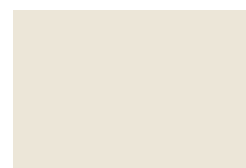
LP® SMARTSIDE® EXPERTFINISH® TRIM & SIDING

The advanced durability you expect from LP® SmartSide® Trim & Siding comes in ExpertFinish® colors. Your homeowners will love choosing colors to match their style—and you'll love the fast and easy installation that comes with LP SmartSide ExpertFinish Trim and Siding.

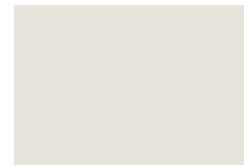
- ExpertFinish Lap Joint Siding to avoid the need for most seam caulking, joint molds, or pan flashing
- Now available in brushed smooth and cedar texture
- Advanced Durability for Longer Lasting Beauty®
- Available in 16 versatile colors that will complement most any home's style
- Industry-leading 5/15/50 year prorated limited warranty: 5-year labor and materials, 15-year finish, and 50-year substrate
- Comes in a variety of SKUs and finishes



Snowscape White



Sand Dunes



Desert Stone



Quarry Gray



Prairie Clay



Terra Brown



Harvest Honey



Timberland Suede



Garden Sage



Redwood Red



Tundra Gray



Summit Blue



Rapids Blue



Cavern Steel



Midnight Shadow



Abyss Black

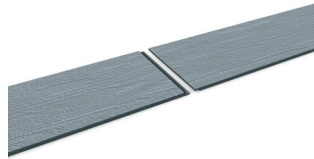


For complete product & warranty details, visit LPCorp.com/ExpertFinish

Products Available in LP SmartSide ExpertFinish Colors

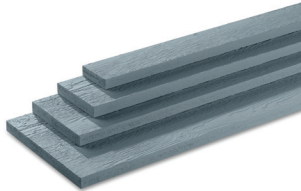
Lap Joint Siding

- 38 Series 6" x 16' – 5.84 in. (148 mm) x 192 in. (4.9 m)
- 38 Series 8" x 16' – 7.84 in. (199 mm) x 192 in. (4.9 m)



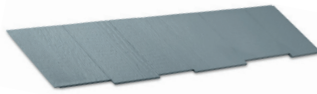
Trim

- 540 Series 5" x 16' – 194 in. (4.9 m) x 192 in. (4.9 m)
*Quebec only **
- 440/540 Series 4" x 16' – 3.50 in. (89 mm) x 192 in. (4.9 m)
- 440/540 Series 6" x 16' – 5.50 in. (140 mm) x 192 in. (4.9 m)
- 440/540 Series 8" x 16' – 7.21 in. (183 mm) x 192 in. (4.9 m)
- 440/540 Series 10" x 16' – 9.21 in. (234 mm) x 192 in. (4.9 m)
- 440/540 Series 12" x 16' – 11.21 in. (285 mm) x 192 in. (4.9 m)
- 190 Series 3" x 16' – 2.5 in. (64 mm) x 192 in. (4.9 m)



Shakes

- 38 Series 12" x 48" – 11.624 in. (295 mm) x 48.63 in. (1.2 m) *
- Reversible staggered or straight edge



Panel

- 38 Series 4' x 8' – 48.56 in. (1234 mm) x 96 in. (2.4 m)
- 38 Series 4' x 10' – 48.56 in. (1234 mm) x 120 in. (3 m) *



We're not just building for the future, we're promoting forest regeneration and preserving wildlife habitats for the benefit of all generations to come.

All photos are for illustrative purposes only. Please refer regularly to LPCorp.com for correct and up-to-date product installation instructions.

WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.



Nickel Gap

- Nickel Gap 8" x 16' – 7 in. (177 mm) x 192 in. (4.9 m)



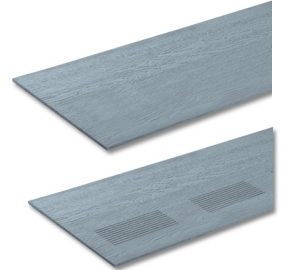
Vertical Siding

- 38 Series 16" x 16' – 15.94 in. (405 mm) x 192 in. (4.9 m)



Soffit

- 38 Series 12" Closed/Vented Soffit – 11.94 in. (303 mm) x 192 in. (4.9 m)
- 38 Series 16" Closed/Vented Soffit – 15.93 in. (405 mm) x 192 in. (4.9 m)
- 38 Series 24" Closed/Vented Soffit – 23.94 in. (608 mm) x 192 in. (4.9 m)
- Vented Soffit Only Available in Cedar



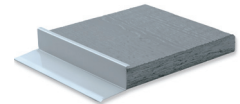
Outside Corners

- 540 Series 4" x 10' – 3.625 in. (89 mm) x 120 in. (3.0 m) *
- 540 Series 6" x 10' – 5.625 in. (140 mm) x 120 in. (3.0 m) *



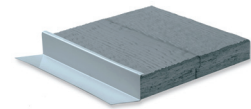
J-Blocks

- 540 Series 7.25" x 7.25" – 7.21 in. (183 mm) x 7.21 in. (183 mm)



Mini Splits

- 540 Series 7.25" x 6.75" – 7.21 in. (183 mm) x 6.75 in. (171 mm)



* Only Available in Cedar Texture
Not all products available in all colors



For complete product & warranty details, visit LPCorp.com/ExpertFinish

Pella® Lifestyle Series



#1 performing wood window and patio door
for the combination of energy, sound and value!

Aluminum-Clad Wood Windows & Patio Doors



Pella® Lifestyle Series

Floor-to-ceiling black casement and picture windows create a wall of glass and fill this modern home with natural light.

Why You Can Trust Pella.

At Pella, we don't just create windows and doors. We innovate with purpose, design with passion, build with integrity and deliver with pride.

Rated #1

by homeowners for highest craftsmanship²

We are continually striving to improve what we do and how we do it. That drive has earned us 150 patents and counting for amazing innovations. In 1925 we opened our doors with the patented Rolscreen® retractable screen, a time-tested innovation that is still one of our most desired features today.

Rated #1

by homeowners for highest quality²

We make products specifically for you and your comfort with meticulous care and attention. Our wood craftsmen have been honing their skills, on average, for over 14 years — that's longer than it takes most to earn their PhD. And it doesn't stop there. Our product designs are tested beyond industry standards, so you can trust them to perform. Door designs are tested to 100,000 open and close cycles, and double-hung and casement window designs are tested at least 6,000 times.

The Best Limited Lifetime Warranty for wood windows and patio doors³

You can feel confident in your investment. We pride ourselves on providing exceptional quality, exceeding expectations and going beyond requirements. That's why we stand behind all of our products with a limited lifetime warranty⁴

¹ Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.

² Study of homeowner perceptions of leading national brands. Study commissioned by Pella, 2023.

³ Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranties for complete details, including exceptions and limitations, at pella.com/warranty, or contact Pella Customer Service.

⁴ See written warranties for complete details, including exceptions and limitations, at pella.com/warranty, or contact Pella Customer Service.

Beautiful Wood Designs

Pella Lifestyle Series picture windows with a white interior finish and Simulated-Divided-Light grilles complete this laundry room and office combination.



Why Choose Wood?

Get the beauty and warmth of natural wood, our most customizable designs and exceptional energy efficiency. All Pella wood products are made with high-quality wood, metal and manufacturing processes, regardless of the product line.

Exclusive Wood Protection

Pella's exclusive EnduraGuard® wood protection is applied after the pieces have been cut and milled, but prior to final assembly, providing advanced protection against the elements.

Designed for Long-Lasting Durability

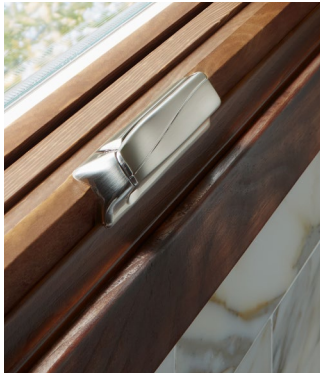
Intentional jamb-on-sill design helps seal the end grain of the wood and elevates it off the rough opening, reducing the potential to absorb moisture. For added strength and durability, our three-way corner joints are made up of mortise-and-tenon, metal fasteners and commercial adhesive.

Quality Exterior and Interior Finishes

EnduraClad® finish is a tough, protective aluminum finish for the exterior of your home. The overlapping, watershed cladding resists chalking and fading. Interiors can be factory prefinished to save time. The interior finish is applied prior to final assembly and kiln-cured for a quality aesthetic.

Solutions for Real Life

- Four optional performance packages
- Integrated blinds and shades for added privacy
- Backed by the best limited lifetime warranty for wood windows and patio doors¹
- Innovative Hidden Screen provides easy and convenient access to fresh air and natural light without compromising your view

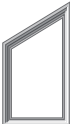


Available in these window & patio door styles:

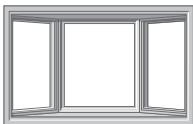
Special shapes also available.



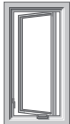
Awning Window



Angle Top Window



Bay and Bow Windows



Casement Window



Curve Top Window



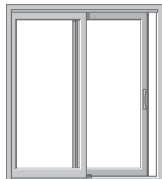
Double-Hung Window³



Fixed Window



Picture Window



Sliding Patio Door



Hinged Patio Door

Why Choose Pella® Lifestyle Series?

Pella Lifestyle Series products are the #1 performing wood window and patio door for the combination of energy, sound and value.²

Style Flexibility

No matter the style of your home, these beautiful wood windows and patio doors offer the most desired features and options. With your choice of beautiful interior and exterior paints or stains, you have the style flexibility to match other finishes throughout your home.

Redefining Performance

Make your home more comfortable and help keep outside noises out and inside noises in. To make things easier, we've created performance packages to highlight what's most important to you. Upgrade from a dual- to a triple-pane glass design with the available packages to meet the unique needs of each room in your home.³

Room-by-Room Solutions

Packed with time tested innovations, you can create solutions for your home, room-by-room. The revolutionary Hidden Screen appears when you open a double-hung window and folds away when it is closed, delivering a clear view when your window is closed and improves curb appeal year-round. Choose optional integrated security sensors that come factory-installed to preserve the beauty and warranty of your windows and patio doors. Personalize with motorized integrated blinds and shades for added privacy and convenience.



The Best Limited Lifetime Warranty for Wood Windows and Patio Doors¹

You can be confident in your investment. At Pella, we are committed to designing and building wood products with exceptional quality and durability. This is supported by:

EnduraGuard® Wood Protection
Advanced protection for wood against the effects of moisture, decay, stains from mold and mildew — as well as termite damage.

Exterior Aluminum Cladding
Exceptionally durable aluminum cladding with EnduraClad exterior finish helps protect windows and patio doors for years.

Insulating Glass Seal
A long-lasting insulating seal provides a clear view and exceptional energy efficiency.

¹ Based on comparing written limited warranties of leading national wood window and wood patio door brands. See Pella written Limited Warranty for details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service at 877-473-5527.

² Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.

³ Double-hung window available only with dual-pane glass.

Designed for Real Life.

The best limited lifetime warranty.¹

Pella wood products are covered by the best limited lifetime warranty for wood windows and patio doors.

Patented triple-pane design.

Pella's patented triple-pane glass design gets you products that provide excellent energy efficiency and sound reduction.

Superior energy efficiency.

Our patented triple-pane design helps make your home more comfortable. Available performance options deliver 79% more energy efficiency than standard single-pane windows.²



¹ Based on comparing written limited warranties of leading national wood window and wood patio door brands. See Pella written Limited Warranty for details, including exceptions and limitations, at pella.com/warranty, or contact Pella Customer Service at 877-473-5527.

² Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. Double-hung windows are not available with triple-pane glass. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.

³ Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

⁴ Available on triple-pane products only.

Noise reducing windows for a healthier home.

Varying glass thicknesses disrupt sound waves and help give you exceptional sound control. With available performance options, they cancel 52% more indoor and outdoor noise than standard single-pane windows.³

Increased privacy and security.

Integrated blinds and shades were intentionally designed to be accessible.⁴ They are tucked between panes of insulating glass and protected from dust, pets and little hands. Available manual or motorized with Pella Insynctive® technology.

Trusted innovations.

Pella® Lifestyle Series windows and patio doors with integrated blinds and shades have been recognized by Parents for Window Blind Safety and have been certified as Best for Kids.



Durable Hidden Screen


Black Pella Lifestyle Series double-hung windows with the Hidden Screen allow convenient access to fresh air without compromising the view.



Colors & Finishes

Wood Type

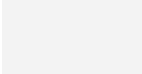
Wood species for complementing your home's interior.



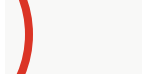
Pine

Prefinished Pine Interior Colors

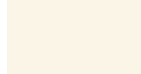
We can prefinish in a wide variety of paints and stains. Unfinished or primed and ready-to-paint are also available.




White




Bright White




Linen White




Golden Oak Stain



Early American Stain



Provincial Stain



Black Stain

Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading and helps protect your windows and patio doors for years.



Black



White



Brown



Fossil



Iron Ore



Portobello



Putty




Almond



Classic White



Brick Red



Hartford Green



Wolf Gray

Glass¹

InsulShield® Low-E Glass



Advanced Low-E insulating dual- and triple-pane glass with argon²



AdvancedComfort Low-E insulating dual- and triple-pane glass with argon²



NaturalSun Low-E insulating dual- and triple-pane glass with argon²



NaturalSun+ Low-E insulating dual- or triple-pane glass with argon

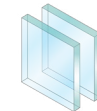


SunDefense™ Low-E insulating dual- and triple-pane glass with argon

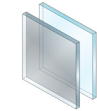


SunDefense+ Low-E insulating dual- or triple-pane glass with argon

Additional Glass Options



Tempered glass available on dual- and triple-pane products



Obscure and frosted obscure glass available on dual- and triple-pane products


¹ Double-hung window available with dual-pane glass only.
² Optional high-altitude Low-E insulating glass does not contain argon in most products. Please see your local Pella sales representative for more information.

Performance Packages

To make things easier, we've created performance packages that highlight what's most important to you.

Performance solutions offer an unbeatable combination of energy efficiency, sound control and value.¹ Upgrade from a dual- to a triple-pane glass design with the packages below to meet the unique needs of each room in your home.

All values below are averages compared with single-pane windows.




Performance

Improved energy efficiency and sound performance.

71%
More Energy Efficient²

+


34%
Noise Reduction³



Sound Control

Exceptional noise control for a quieter home.


52%
Noise Reduction³



Energy Efficiency

Superior energy efficiency for a more comfortable home.

83%
More Energy Efficient²



Ultimate Performance

The best combination of energy efficiency and noise control.

79%
More Energy Efficient²

+

52%
Noise Reduction³




Scan the QR code with your smartphone camera to learn more about how each performance package can benefit your home.

¹ Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glazing thickness glass. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.
² Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.
³ Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.


Grilles

Grille Types Choose the look of true divided light or make cleaning easier with grilles-between-the-glass.

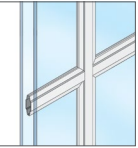
Dual-Pane:



Simulated-Divided-Light with Spacer 7/8"




Simulated-Divided-Light without Spacer 7/8"




Aluminum Grilles-Between-the-Glass 3/4"

Triple-Pane:

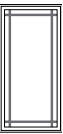


Aluminum Grilles-Between-the-Glass 3/4"


Grille Patterns In addition to the patterns shown here, custom grille patterns are available.




Traditional




9-Lite Prairie



Top Row



Cross



Custom

Screens²

Rolscreen® Rolscreen soft-closing retractable screens roll out of sight when not in use. Available on casement windows and sliding patio doors.

Flat InView™ screens are clearer than conventional screens and come standard.



Hidden Screen The exclusive, easy-to-use Hidden Screen appears when you open a double-hung window and folds away when the window is closed. It allows 44% more natural light into your home when a window is closed than a standard screen.³

Added Peace of Mind

Integrated Security Sensors Optional integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella® Insynctive® App and are compatible with major security panel systems.⁴ For more information, go to connectpella.com.

¹ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.
² Warning: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.
³ Based on calculated screen cloth openness.
⁴ Requires the Pella Insynctive App on a smart device, an Insynctive Bridge and a wireless home internet router with internet connection.

Integrated Blinds & Shades

Integrated Blinds* Raise blinds up for an unobstructed view or tilt to let in just the right amount of light. Our best integrated and accessible blinds are available with or without motorization powered by Pella Insynctive® technology.



White



Poplar White



Bisque



Golden



Mocha



Storm



Black

Integrated Shades* Our best integrated fabric shades are available with or without motorization powered by Pella Insynctive® technology. They feature a white exterior fabric for a uniform look from the street.

Light-Filtering:



White



Maize



Silver

Room-Darkening:



Cotton



Bamboo



Ash

Haven't landed on your final blind or shade color yet? No problem. With our patented triple-pane design, you can make the decision later in the process. Our triple-pane products come with all of the hardware to add blinds or shades before they arrive to your home or later in the building or remodeling process.



Scan the QR code with your smartphone camera to learn more about our Insynctive motorized blinds and shades.

Window Hardware

Essential Collection Our most popular design with finishes to suit every style.



Finishes:



Champagne



White



Brown



Matte Black



Satin Nickel




Satin Brass

Patio Door Hardware

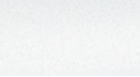
Essential Collection Elevate your style and transform your home with elegant selections.




Finishes:



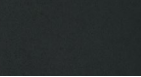
Champagne




White




Brown



Matte Black



Satin Nickel



Satin Brass

* Available on triple-pane products only.



THE CONFIDENCE OF A STRONG WARRANTY.

Pella® Lifestyle Series products are backed by the best limited lifetime warranty for wood windows and patio doors. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

NOTE: Product specifications may change without notice.

Actual colors may vary from those shown and products may vary slightly from illustrations and photos.

WANT TO LEARN MORE? CALL US AT 833-44-PELLA OR VISIT PELLA.COM

* Based on comparing written limited warranties of leading national wood window and wood patio door brands. See Pella written Limited Warranty for details, including exceptions and limitations, at pella.com/warranty, or contact Pella Customer Service at 877-473-5527.





SMART VENT[®]

WET FLOODPROOFING PRODUCT CATALOG



SALES AND TECHNICAL SUPPORT

HAVE A QUESTION? WE CAN HELP!

Our full staff of Certified Floodplain Managers is on call to answer any questions you may have.

CALL A LIVE REPRESENTATIVE toll free (877) 441-8368

EMAIL
directly to:
info@smartvent.com

LIVE CHAT
with a member of our team online at www.smartvent.com

NEED TO ORDER?
Locate one of our Authorized Dealers
smartvent.com/locator

STAY CONNECTED!

CONNECT WITH YOUR LOCAL REPRESENTATIVE
have a local representative come out to your location, www.smartvent.com/contact

FIND US ON SOCIAL MEDIA



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/SmartVent



Smart Vent Products Inc



20 YEARS OF ENGINEERED FLOOD PROTECTION

First Smart Vent installation in Avalon, NJ. 1999



Smart Vent Products, Inc. was born out of the need to create flood vents -- a safeguard mandated by the Federal Emergency Management Agency, the National Flood Insurance Program, and State and National Construction Codes. Beginning in 1986, flood vents were required for use in all enclosed spaces located below Base Flood Elevation. Along with this new requirement came the challenge of moving beyond the very limited solutions available to create one that was both effective and affordable. Previously, the only solutions available for relief of hydrostatic pressure were air vents, which would clog with debris during a flood event.

Determined to provide just that, a draftsman in Avalon, NJ set to work. The answer laid in finding a way to relieve hydrostatic pressure with a product that would work automatically, be bi-directional by allowing for the entry and exit of flood water and allow for debris to easily pass through without clogging a screen or grill. Further research showed that the design must also be rodent resistant and be constructed with a proven, flood-proof material.

Using 316L Marine Grade Stainless Steel, Smart Vent Products, Inc. provided the first-ever line of Engineered Flood Vents. In addition, the company developed the performance testing standards relied upon today -- providing owners of homes and buildings located in the floodplain the peace of mind of knowing that their foundations are protected.

After two decades of ICC-ES performance testing, countless floods and hurricanes, and recognition from state, national and federal agencies and organizations, Smart Vent products are proven. Our team of outstanding and highly trained engineers remains committed to excellence in all we do.

Our work continues as Smart Vent's team of Certified Floodplain Managers and Engineers introduce a new division, The Flood Risk Evaluator™. Its focus is on providing our customers with solutions for reducing the ever-rising flood insurance premiums.

We are proud to be owned and operated in the United States of America, with all manufacturing done in Anderson, SC. From our humble beginnings in Avalon, NJ to our worldwide success today, Smart Vent remains true to our principles of providing the best floodplain-protection products and services available industry wide.

See pages #22-23 for details on how the Flood Risk Evaluator® is helping everyone involved in the building process, including the homeowner.

Extreme MAKEOVER HOME EDITION

Smart Vent helping rebuild in New Orleans, following Hurricane Katrina. Circa 2009



Habitat for Humanity

Smart Vent taking part in Kitatas County Ellensburg, WA Habitat for Humanity project. Circa 2009



Smart Vent as seen in "This Old House Jersey Shore Rebuilds". 2013

This Old House
JERSEY SHORE REBUILDS



AWARDS



2016
ADVERTISING
EXCELLENCE
AWARDS
WINNER



MIP
Most Innovative Product
in Water & Flood Control



ICC-ES CERTIFIED

Certification # ESR-2074

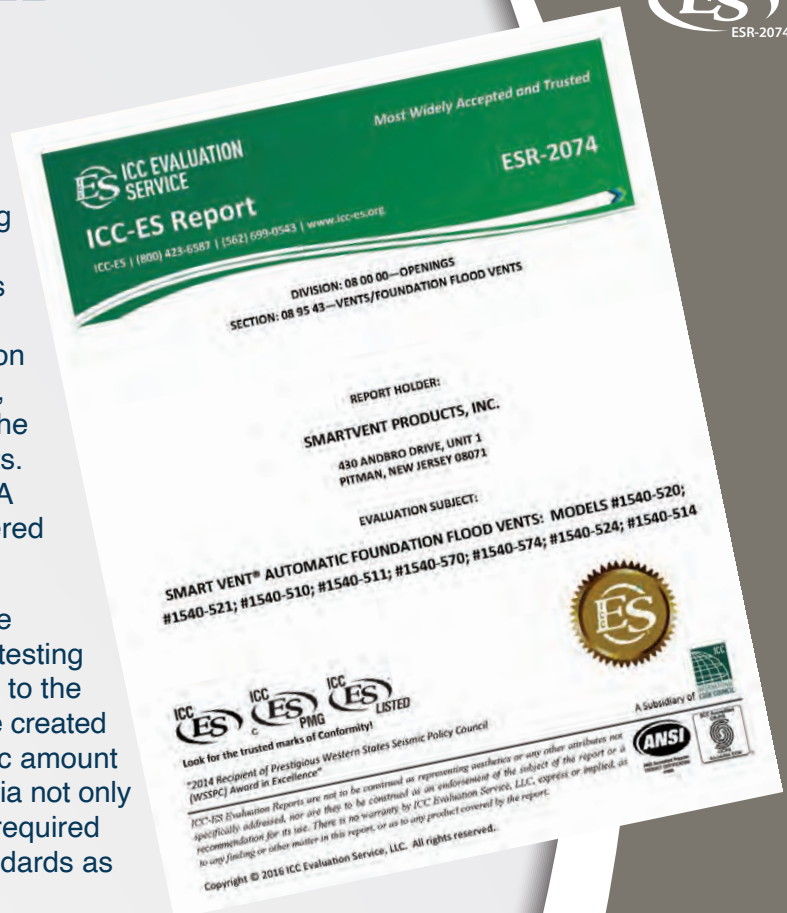


The Smart Vent line of products has been Certified through the International Code Council Evaluation Service (ICC-ES), which is the building industry's most recognized certification process. The ICC-ES is a nonprofit company that performs technical evaluations on building products, components, methods and materials. A certification from the ICC-ES ensures the construction official, inspector, architect, engineer, and surveyor that the product meets the construction code requirements. A Certification through the ICC-ES is also a FEMA and NFIP requirement for manufactured, engineered flood vents.

To obtain Certification, we first needed to pass the established Acceptance Criteria for performance testing flood vents. Testing requires us to push our vents to the limits; a real life simulated flood situation had to be created which included various rates of flow and a specific amount of flood debris in the water. The Acceptance Criteria not only made performance testing mandatory but it also required that we meet material and quality assurance standards as established by the ICC-ES.

Our facility in Anderson, SC is ISO 9001 certified which allows us to exceed all ICC-ES quality control standards. On an annual basis, our manufacturing facility is audited by the ICC-ES, to inspect the production of our Smart Vent product line, which ensures the ICC-ES requirements are continuously being met.

In addition to our National ICC-ES Certification we are proud to say our product line also carries Florida Building Product Approval (FL5822) for use in High Velocity Hurricane Zones (HVHZ), and has also met evaluation standards for California building and residential codes (see ICC-ES Florida and California Supplements).



FLOOD RESISTANT MATERIALS

The Smart Vent product line is constructed out of Marine Grade Stainless Steel and is 100% made in the United States. T316L Stainless Steel is renowned for its ability to withstand usage in harsh marine and chemical environments, ensuring that our products will handle everything Mother Nature throws at them.

Because T316L Stainless Steel is known for its strength and resistance to cracking, dents, and embrittlement, it's utilized in high profile projects meant to last decades. Alloyed with Chrome, Nickel, and Molybdenum, T316L Stainless Steel takes the strength of steel and adds protection, making it the ultimate flood resistant material.



WHAT? HOW? WHY?



WHAT IS A FLOOD VENT?

Smart Vent's line of ICC-ES Certified, Engineered Flood Vents protect houses and buildings during floods by preventing hydrostatic pressure buildup that can destroy walls and foundations. This mitigation technique, referred to as Wet Floodproofing, allows floodwater to freely flow through an enclosure such as a crawlspace or garage.

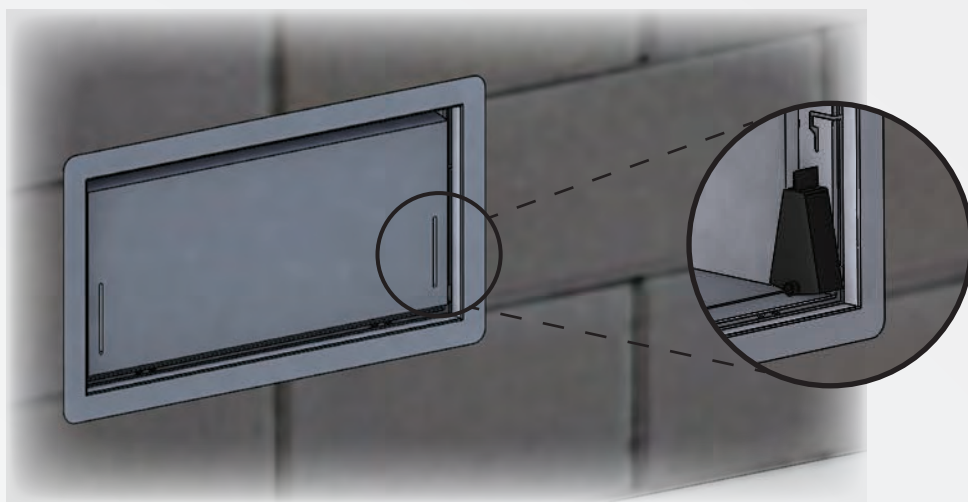


HOW DOES IT WORK?

The SMART VENT door is latched closed until flood water is present. Rising flood water activates the internal floats, which unlatch and open the door. Smart Vent's 3-inch clearance, when open, helps let flood debris pass through unlike a typical air vent that will clog.

Pictured to the left: Debris easily getting through a 1540-510 model during Hurricane Ida, 2009.

*Pictured to the right:
Positioning of one
of the internal floats.*

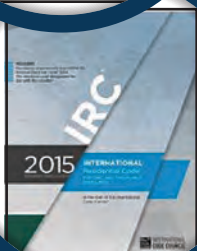


WHY DO I NEED IT?

FEMA and NFIP Regulations along with Building Codes require that any residential building constructed in Flood Zone Type A have the lowest floor, including basements, elevated to or above the Base Flood Elevation (BFE).

Enclosed areas are permitted under elevated buildings provided that they meet certain use restrictions and construction requirements such as the installation of flood vents to allow for the automatic entry and exit of flood waters.

This wet floodproofing technique is required for residential buildings, and is also an option for commercial buildings.



STANDARD FINISH POWDER COAT WHITE
POWDER COAT PAINT OPTIONS:

Custom colors also available.



MODEL NUMBER	FLOOD COVERAGE	AIR VENTILATION	VENT SIZE	ROUGH OPENING
1540-510	200 sq. ft.	51 sq. in.	16" W x 8" H x 3" D	16 $\frac{1}{4}$ in x 8 $\frac{1}{4}$ in
1540-511	400 sq. ft.	102 sq. in.	16" W x 16" H x 3" D	16 $\frac{1}{4}$ in x 16 $\frac{3}{8}$ in



To view other sizing options see pages #18-19

STANDARD FINISH POWDER COAT WHITE
POWDER COAT PAINT OPTIONS:

Custom colors also available.



MODEL NUMBER	FLOOD COVERAGE	VENT SIZE	ROUGH OPENING
1540-520	200 sq. ft.	16"W x 8"H x 3"D	16 $\frac{1}{4}$ in x 8 $\frac{1}{4}$ in
1540-521	400 sq. ft.	16"W x 16"H x 3"D	16 $\frac{1}{4}$ in x 16 $\frac{3}{8}$ in
1540-570	200 sq. ft.	14 $\frac{1}{2}$ "W x 8 $\frac{1}{2}$ "H x 3"D	14 $\frac{1}{2}$ in x 8 $\frac{3}{4}$ in



To view other sizing options see pages #18-19

INSULATED SERIES

This series of vents is ideal for areas requiring flood venting protection but no natural air ventilation.

The flood door contains a 2" Styrofoam core that has an R-value of 8.34 and the vent frame is lined with felt weather stripping, helping to keep the enclosure as insulated from the elements as possible.

IDEAL FOR:

- Garages
- Full height enclosures (e.g. walkouts)
- Conditioned crawlspaces
- Storage facilities
- Metal buildings
- Foyers

1 Flood Vent 1540-520

2 Stacker 1540-521

Stacker Models are twice as efficient as a single unit and are a great solution for large amounts of square footage, and in situations where there is not enough wall space to fit in single units.

3 Wood Wall 1540-570

Wood Wall Models are designed to fit between studs spaced at 16" on center. Pre-drilled slots in the four corners on the vent flange make for an easy installation.

See page 13 for the Sealing Kit, available for 1540-520 & 1540-521 Models.



*Pictured in
powder coat
paint gray*



1 Trim & Sleeve Kits

Trim and sleeve kits fit into the rough opening in order to provide a clean, finished look on the interior wall.

They are available for all compatible models including multi-frame units.* *not available for Overhead Garage Door models

STANDARD MODELS

FOR 16" x 8" VENTS (2 PIECE)

- 1540-531-12
kits adjustable from 7" - 12.5"
- 1540-531-15
kits adjustable from 10" - 15.5"

Standard finish: ☐
316L Stainless Steel

WOOD WALL MODELS

FOR 14.5" x 8.5" VENTS (1 PIECE)

- 1540-573
4" wall depth
- 1540-573-9
9" wall depth

Standard finish: ☐
Powder Coat White



2 Fire Dampers

Our two Fire Damper models are UL Certified to provide 2 or 3hrs of fire resistance. They are intended to be used when flood vents are being installed into a fire rated wall. Available for models up to a 2 x 3 configuration.

A fusible link holds a galvanized steel door in place. At 165° F, the link melts to permit the door to drop, blocking the path of the fire.

NOTE: Trim flange and inner sleeve are required for installation, as well as an 8" minimum wall thickness.

STANDARD 16" x 8" MODEL

- 1540-530
2 or 3 hour fire resistance available

STANDARD 14.5" x 8.5" MODEL

- 1540-537
2 or 3 hour fire resistance available



3 Powder Coat Paint

Smart Vent Products, Inc. offers all of their flood vents in Stainless Steel, Standard Powder Coat Paint Colors of: White, Wheat, Gray, or Black, but can be custom color matched to your project's needs.

