

**CODE INFORMATION**

**DESIGN TEAM**

**DRAWING INDEX**

**SYMBOLS**

**APPLICABLE BUILDING CODES**

THE FOLLOWING APPROVED BUILDING CODES AND STANDARDS HAVE BEEN ADOPTED BY STATE BUILDINGS PROGRAMS (SBP) AS THE MINIMUM REQUIREMENTS TO BE APPLIED TO ALL STATE-OWNED BUILDINGS AND PHYSICAL FACILITIES INCLUDING CAPITAL CONSTRUCTION AND CONTROLLED MAINTENANCE CONSTRUCTION PROJECTS.

**2018 INTERNATIONAL BUILDING CODE (IBC)**  
**2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC)**  
**2018 INTERNATIONAL FIRE CODE (IFC)**  
**2018 INTERNATIONAL MECHANICAL CODE (IMC)**  
**2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)**  
**2020 NATIONAL ELECTRICAL CODE (NEC)**  
**2018 INTERNATIONAL PLUMBING CODE (IPC)**  
**2018 INTERNATIONAL FUEL GAS CODE (IFGC)**

**THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS (NFPA)**  
 NFPA-1 (2008), 11 (2005), 12 (2005), 12A (2004), 13 (2002), 13D (2002), 13R (2002), 14 (2003), 15 (2001), 16 (2003), 17 (2002), 17A (2002), 20 (2003), 22 (2003), 24 (2002), 25 (2002), 72 (2002), 409 (2004), 423 (2004), 750 (2003) and 2001 (2004)

**THE 2009 EDITION OF ICC/ANSI A117.1, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES ANSIA/SRA/IES STANDARD 90.1 - 2010/2013 ENERGY STANDARD FOR BUILDINGS**

**ARCHITECT OF RECORD:**  
**CDOT**  
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**ELECTRICAL ENGINEER:**  
**AE DESIGN**  
 CONTACT: BERNARD LENNON  
 1900 WAZEE ST. #205  
 DENVER, CO 80202  
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 EMAIL: blennon@aedesign-inc.com

**MECHANICAL AND PLUMBING ENGINEER:**  
**360 ENGINEERING, INC.**  
 CONTACT: JOE WITTENBERG  
 751 PINE RIDGE RD. #360  
 GOLDEN, CO 80403  
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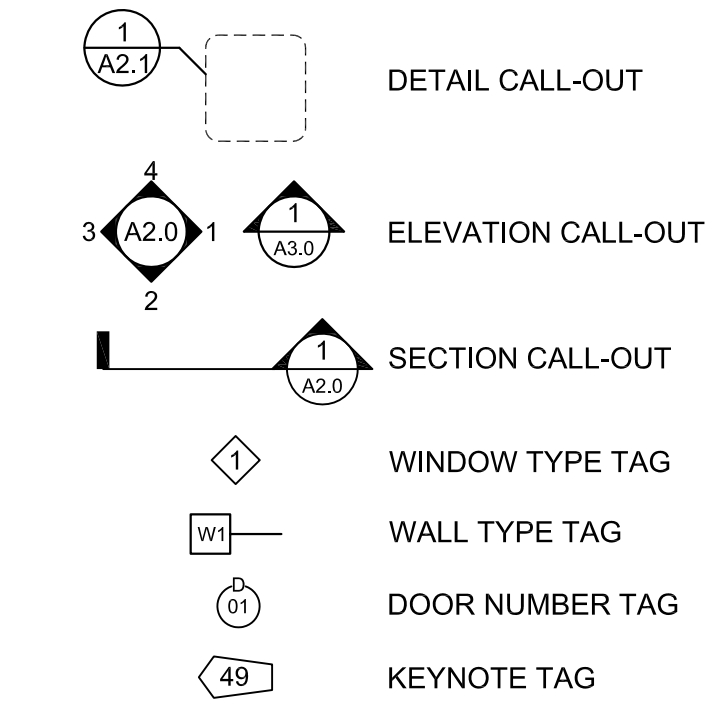
**A0.0 COVER / CODE INFORMATION & INDEX**

**ARCHITECTURAL:**  
 A2.0 DEMO PLAN / FLOOR PLAN  
 A3.0 SCHEDULES / DETAILS

**MECHANICAL:**  
 M0.0 MECHANICAL NOTES, SCHEDULES  
 MD1.0 MECHANICAL DEMO PLAN  
 M1.0 MECHANICAL PLANS

**PLUMBING:**  
 P0.0 PLUMBING NOTES & SCHEDULES  
 P1.0 PLUMBING DEMO PLAN  
 P1.1 PLUMBING PLANS

**ELECTRICAL:**  
 E0.0 ELECTRICAL NOTES & LEGENDS  
 E1.0 ELECTRICAL DEMO PLAN  
 E2.0 ELECTRICAL PLANS  
 E3.0 ELECTRICAL SCHEDULES, ONE-LINE DIAGRAM



DEPARTMENT OF TRANSPORTATION

DEPARTMENT OF TRANSPORTATION

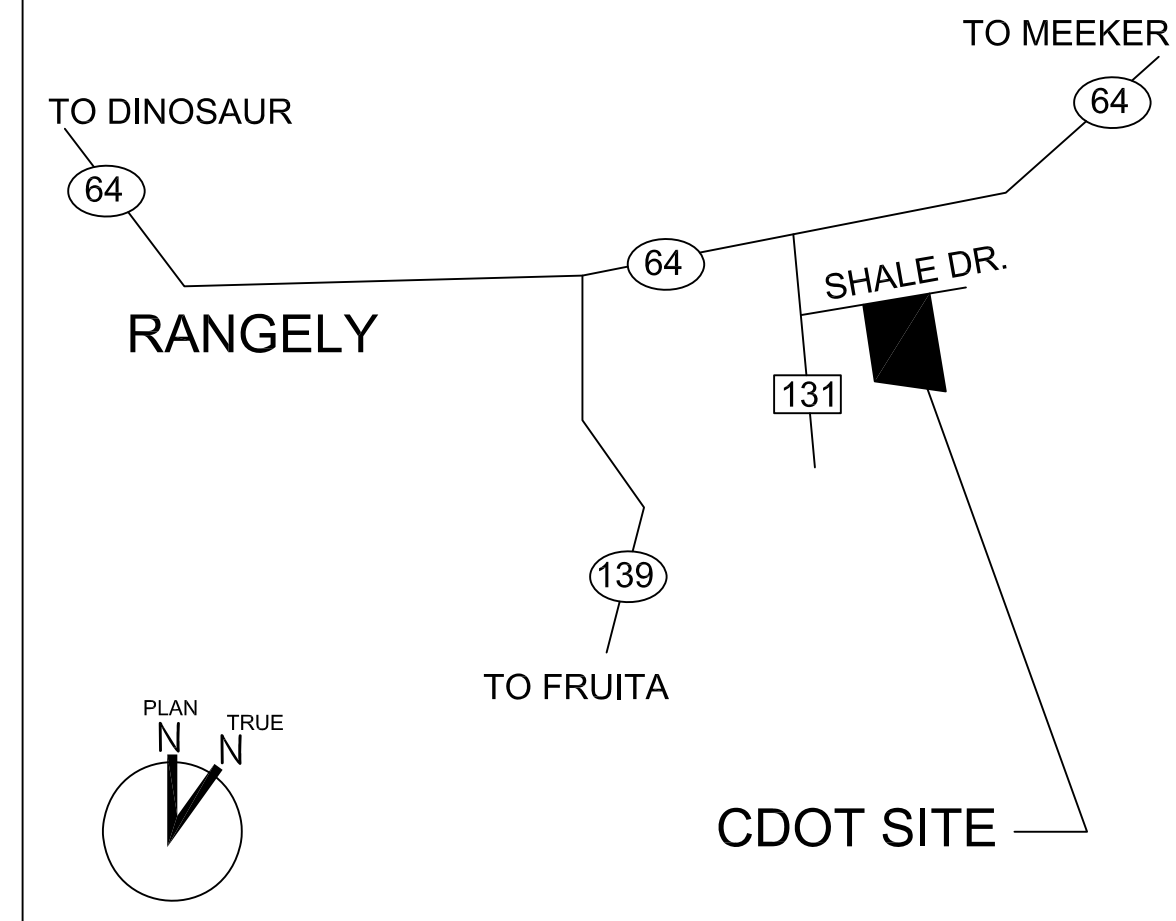
**PROJECT # 23364**

SAP BUILDING NO # 1000/3/381

DATE	No.	DESCRIPTION
06/26/2020	1	70% CONSTRUCTION DOCUMENTS
08/03/2020	2	95% CONSTRUCTION DOCUMENTS
08/07/2020	3	99% CODE REVIEW
09/23/2020	4	100% BID SET
-	-	-

**STANDARD ABBREVIATIONS**

A.B. ANCHOR BOLT	C.O. CLEAN OUT	EWH. ELECTRIC WATER HEATER	GB. GRAB BAR	KVA. KILOVOLT - AMPERES	O.C. ON CENTER(S)	RM. ROOM	T.O.W. TOP OF WALL
ACT. ACOUSTICAL CEILING TILE	COL. COLUMN	EXH. EXHAUST	GC. GENERAL CONTRACTOR	KW. KILOWATT	OD. OUTSIDE DIAMETER	ROW. RIGHT OF WAY	TS. STEEL TUBING
ADD. ADDENDUM	CONC. CONCRETE	EXIST. EXISTING	GL. GLASS	GPM. GALLONS PER MINUTE	O.H. OPPOSITE HAND	S. SOUTH	T-STAT. THERMOSTAT
ADD'L. ADDITIONAL	CONT. CONTINUOUS	EXP. EXPANSION, EXPOSED	GPM. GALLONS PER MINUTE	L. ANGLE	OPNG. OPENING	SAN. SANITARY	TYP. TYPICAL
ADJ. ADJACENT, ADJUSTABLE	CPT. CARPET	EXT. EXTERIOR	GSF. GROSS SQUARE FEET	LAM. LAMINATE	OPP. OPPOSITE	SC. SEALED CONCRETE	UNFIN. UNFINISHED
AFF. ABOVE FINISHED FLOOR	CT. CERAMIC TILE	FA. FIRE ALARM	GYP. GYPSUM BOARD	LAV. LAVATORY	O.T.S. OPEN TO STRUCTURE	SCHED. SCHEDULE(D)	UL. UNDERWRITER LABORATORY
ALUM. ALUMINUM	CW. COLD WATER	FACP. FIRE ALARM CONTROL PANEL	HB. HOSE BIBB	LT. LIGHT	P/C. PRECAST CONCRETE	SD. SOAP DISPENSER	UON. UNLESS OTHERWISE NOTED
ALT. ALTERNATE	DB. DESIGN/BUILD CONTRACTOR	FBO. FURNISHED BY OTHERS	HDR. HEADER	MAINT. MAINTENANCE	P/MB. PRE-ENGINEERED MTL BLDG	SF. SQUARE FEET	UR. URINAL
AOR. ARCHITECT OF RECORD	DBL. DOUBLE	FD. FLOOR DRAIN, FIRE DAMPER	HDWR. HARDWARE	MATL. MATERIAL	P/L. PROPERTY LINE	SIM. SIMILAR	V. VOLT
APPROX. APPROXIMATE	DEMO. DEMOLISH, DEMOLITION	FDN. FOUNDATION	HID. HIGH INTENSITY DISCHARGE	MAX. MAXIMUM	PL. PLATE	SOG. SLAB ON GRADE	VAR. VARIES, VARIABLE
ARCH. ARCHITECTURAL	DF. DRINKING FOUNTAIN	FE. FIRE EXTINGUISHER	HORIZ. HORIZONTAL	MECH. MECHANICAL	PLAM. PLASTIC LAMINATE	SQ. SQUARE	VCT. VINYL COMPOSITION TILE
AVG. AVERAGE	DIA. DIAMETER	FEC. FIRE EXTINGUISHER CABINET	HP. HORSEPOWER	MED. MEDIUM	PLBG. PLUMBING	SQ. SQUARE	VENT. VENTILATION
B/C. BACK OF CURB	DN. DOWN	FIXT. FIXTURE	FL. FLOOR LINE	MFR. MANUFACTURER	PLYWD. PLYWOOD	SS. STAINLESS STEEL	VIF. VERIFY IN FIELD
BLDG. BUILDING	DS. DOWNSPOUT	FLR. FLOOR	FLUOR. FLUORESCENT	HTR. HEATER	PSF. POUNDS PER SQUARE FOOT	S/S. SERVICE SINK	VTR. VENT THROUGH ROOF
B.O. BOTTOM OF	DTL. DET. DETAIL	FLUOR. FLUORESCENT	FOC. FACE OF CONCRETE	HVAC. HEATING VENTILATING & A/C	PSI. POUNDS PER SQUARE INCH	STD. STANDARD	W. WEST, WIDE
BOT, BTM. BOTTOM	DWG. DRAWING	FOC. FACE OF CONCRETE	FW. HOT WATER	HWY. HIGHWAY	PT. PAINT	STL. STEEL	W/ WITH
BRNZ. BRONZE	(E) INDICATES EXISTING	FOM. FACE OF MASONRY	FOS. FACE OF STUD	IBC. INTERNATIONAL BUILDING CODE	PTD. PAPER TOWEL DISPENSER	STOR. STORAGE	WC. WATER CLOSET
BTWN. BETWEEN	EA. EACH	FOW. FACE OF WALL	FT. FOOT, FEET	IECC. INTERNATIONAL ENERGY CONSERVATION CODE	MP. METAL LINER PANEL	STRUC. STRUCTURE(AL)	WD. WOOD
CA. COMPRESSED AIR	E.B. EXPANSION BOLT	FRP. FIBER REINFORCED PLASTIC	FTG. FOOTING	IN. INCHES	MSB. MOP SINK BASIN	SUSP. SUSPENDED	WH. WATER HEATER
CAB. CABINET	E.J. EXPANSION JOINT	FT. FOOT, FEET	FPWH. FREEZEPROOF WALL	INCL. INCLUDE(D)(ING)	MTD. MOUNTED	TA. TOILET ACCESSORY	WO. WITHOUT
CAP. CAPACITY	EL. ELEVATION	FT. FOOT, FEET	EQ. EQUAL	INSUL. INSULATION	MTL. METAL	TBD. TO BE DETERMINED	WP. WATERPROOF(ING)
CFM. CUBIC FEET PER MINUTE	ELC. ELEVATION	FTG. FOOTING	EQU. EQUIPMENT	INT. INTERIOR	QTY. QUANTITY	TD. TOILET PAPER DISPENSER	WR. WATER RESISTANT
CIP. CAST-IN-PLACE	ENCL. ENCLOSE(URE)	FPWH. FREEZEPROOF WALL	EQ. EQUIPMENT	INT. INTERIOR	R. RISER	TEL. TELEPHONE	WT. WEIGHT
C.T. CONTROL JOINT, CONSTRUCTION JOINT	EQ. EQUAL	HYDRANT. HYDRANT	ESEW. EMER. SHOWER & EYE WASH	INT. INTERIOR	R/A. RETURN AIR	T&G. TONGUE AND GROOVE	X. TIMES OR BY
C/L. CENTERLINE	EQUIP. EQUIPMENT	GA. GAUGE	EUH. ELECTRIC UNIT HEATER	INT. INTERIOR	REBAR. REINFORCING BAR	THK. THICK	
CLG. CEILING	ESEW. EMER. SHOWER & EYE WASH	GAL. GALLON	GALV. GALVANIZED	INT. INTERIOR	RECPT. RECEPTACLE	T.O. TOP OF	
CLR. CLEAR(ANCE)	EUH. ELECTRIC UNIT HEATER	JAN. JANITOR		INT. INTERIOR	REINF. REINFORCE(D)(ING)	T.O.C. TOP OF CONCRETE	
CMU. CONCRETE MASONRY UNIT	EWC. ELECTRICAL WATER COOLER	JT. JOINT		INT. INTERIOR	REQ'D. REQUIRED	T.O.ST. TOP OF STEEL	
				INT. INTERIOR	RH. RADIANT HEAT	T.O.S. TOP OF SLAB	



**HATCH LEGEND**

**UTILITY INFORMATION**

**CODE ANALYSIS**

TYPE	DESCRIPTION
	EARTH/COMPACTED SOIL
	GRAVEL FILL
	CAST-IN-PLACE CONCRETE
	MASONRY
	GROUT FILLED MASONRY
	STAINLESS STEEL
	STEEL
	METAL ROOF PANEL
	METAL WALL PANEL
	METAL WALL PANEL BEYOND
	WOOD WORK
	CONTINUOUS FRAMING MEMBER
	DISCONTINUOUS FRAMING MEMBER
	BATT INSULATION
	RIGID INSULATION
	EXISTING TO BE DEMOLISHED
	EXISTING WALL TO REMAIN

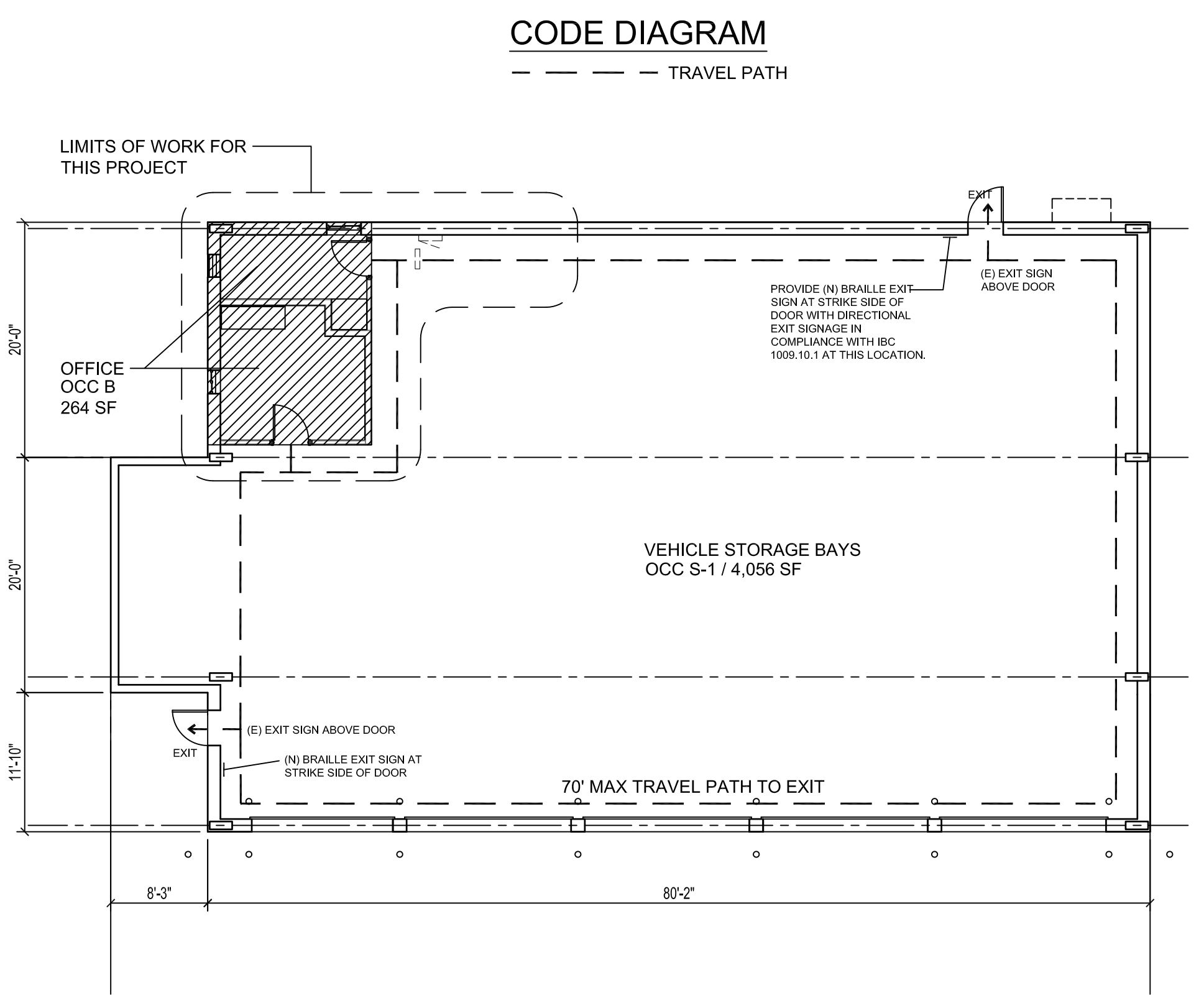
**GAS:** TOWN OF RANGELY  
 209 E. MAIN ST.  
 BRENDA AHRENS  
 (970) 675-8476

**ELECTRICITY:** MOON LAKE ELECTRIC ASSN.  
 1635 E. MAIN ST.  
 RANGELY, CO 81648  
 (303) 675-2291

**WATER:** TOWN OF RANGELY  
 209 E. MAIN ST.  
 BRENDA AHRENS  
 (970) 675-8476

**SEWER:** TOWN OF RANGELY  
 209 E. MAIN ST.  
 BRENDA AHRENS  
 (970) 675-8476

**FIRE:** RANGELY FIRE DEPT.  
 115 NICHOLS ST.  
 FIRE MARSHAL - FIRE CHIEF -



**CODE INFORMATION:**

NON-SEPARATED OCCUPANCIES OF S-1, B PER 508.3 CONSTRUCTION TYPE - VB, NOT SPRINKLERED AREA AND HEIGHT

AREA (TABULAR) - S-1: 9,000 (B: 9,000)  
 STORIES ALLOWED - S-1: 1 (B: 2)  
 ALLOWABLE HEIGHT - S-1: 40' (B: 40')

ALLOWABLE AREA Aa = 9,000 SF  
 ACTUAL AREA - 4,320 SQUARE FEET GROSS  
 S-1 OCCUPANCY - 4,056 SF  
 B OCCUPANCY - 264 SF  
 VOLUME - 84,668 CF  
 HEIGHT - 23'-0"  
 NUMBER OF STORIES - 1  
 SEPARATION  
 S-1 AND B - NONE REQUIRED

CLIMATE ZONE PER 2018 IECC: 6B COUNTY: RIO BLANCO.  
 ENERGY REQUIREMENTS: PER IECC C503.1, EXCEPTION 3.

2018 IEBC METHOD OF COMPLIANCE: PRESCRIPTIVE COMPLIANCE METHOD (CHAPTER 5)

EXIT DISTANCE ALLOWED  
 S-1/B: 200' ALLOWED - ACTUAL IS 70'

EXITS REQUIRED 1ST FLOOR - 1 EXITS PROVIDED - 2 TOTAL OCCUPANTS: 11  
 OCCUPANT LOAD - S-1 OCC LOAD FACTOR 500, 4320/500 = 9 OCC; 1 EXIT  
 OCCUPANT LOAD - B OCC LOAD FACTOR 150, 264/150 = 2 OCC, 1 EXIT

TOTAL OCCUPANTS IN BUILDING: 11

EXITS PROVIDED - 2 FROM VSF, 2 FROM BUSINESS (1 ACCESSIBLE)

PLUMBING CALCULATIONS: TOTAL OCCUPANTS - 11  
 WC REQUIRED - 1; WC PROVIDED - 1 UNISEX  
 1 ADA HIGH/LOW DRINKING FOUNTAIN; 1 MOP SINK PROVIDED

EXISTING FIRE EXTINGUISHERS TO REMAIN AT EXISTING LOCATIONS. IF A FIRE EXTINGUISHER IS LOCATED ON A WALL TO BE DEMOLISHED, GC TO SAVE IT AND REINSTALL ON NEW WALL AS CLOSE TO EXISTING LOCATION AS PRACTICAL.

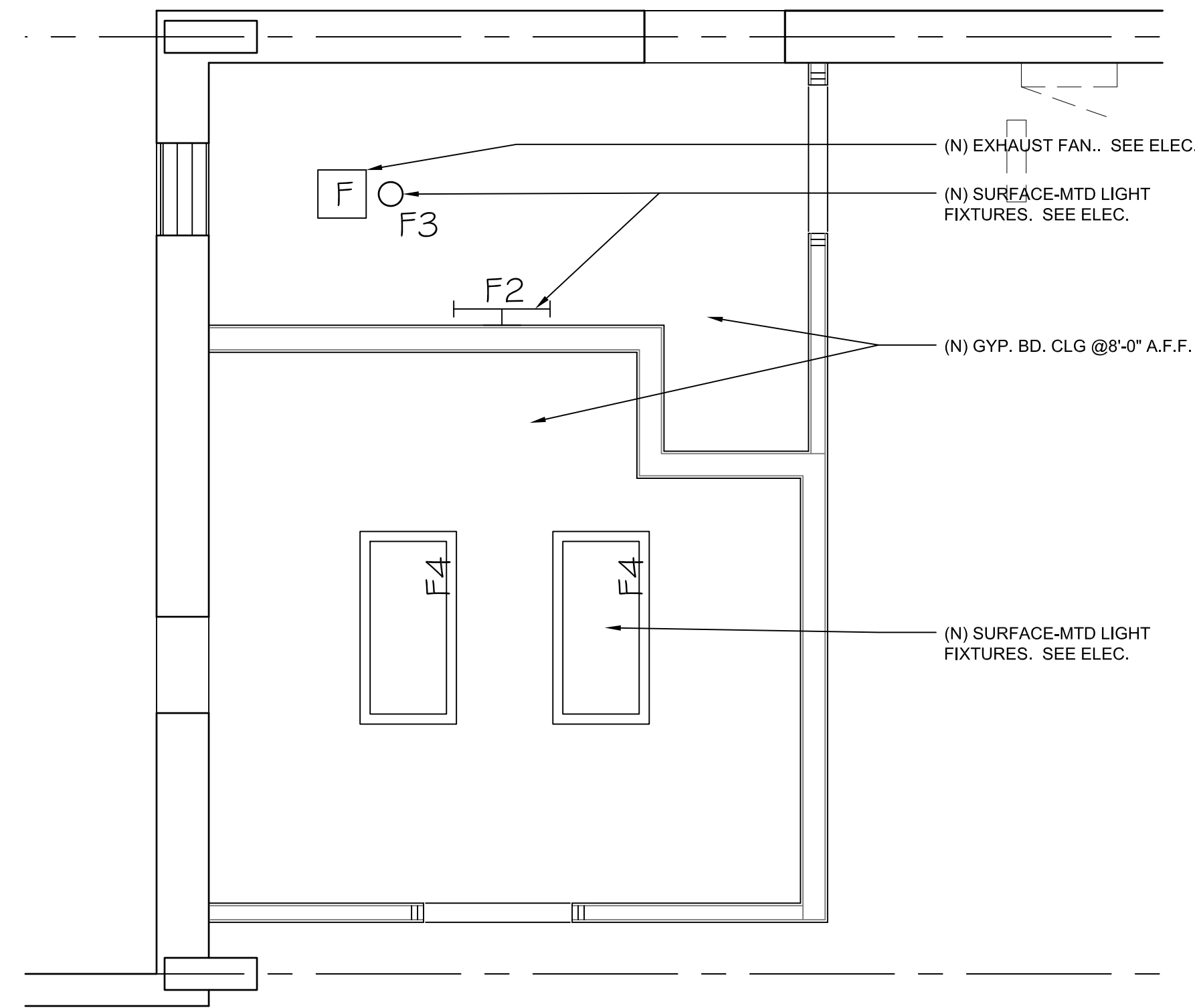
IN ADDITION TO ALL REQUIRED ILLUMINATED EXIT SIGNAGE, GC TO PROVIDE BRAILLE EXIT SIGN ADJACENT TO ALL DOORS MARKED AS EXITS. SIGN TO SAY 'EXIT' IN RAISED LETTERS AND BRAILLE IN COMPLIANCE WITH ANSI A117.1 AND TO BE MOUNTED ON THE LEVER SIDE, ADJACENT TO THE DOOR, IN THE DIRECTION OF TRAVEL, AT A HEIGHT AT A MINIMUM OF 48" AND MAXIMUM OF 60". WHERE EXIT DOOR IS NOT CONSIDERED ACCESSIBLE, PROVIDE A SIGN THAT INDICATES THE DIRECTION OF THE NEAREST ACCESSIBLE EXIT.

**VSF OFFICE REMODEL**

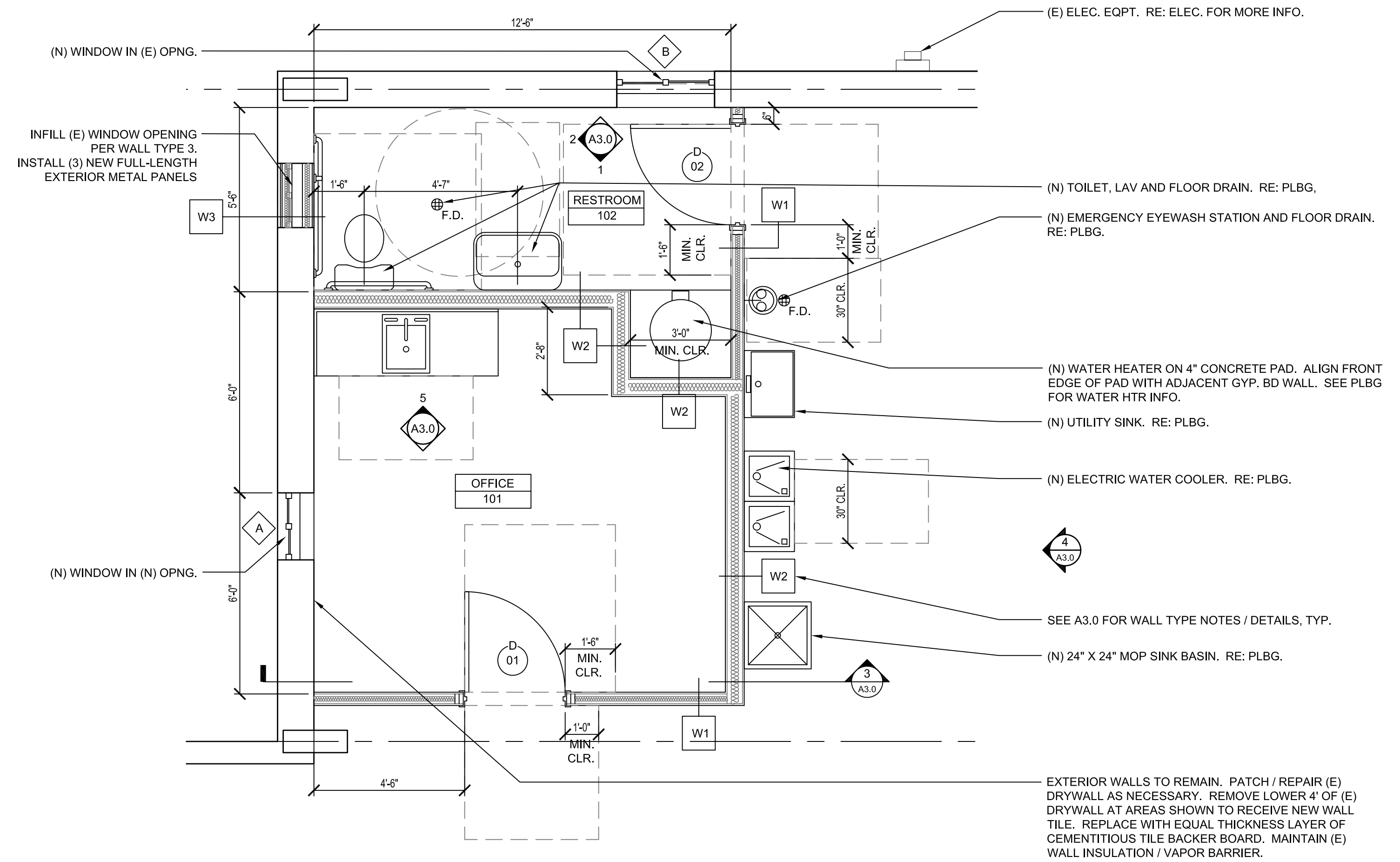
**COLORADO DEPARTMENT OF TRANSPORTATION**

**REGION 3 - 2829 E. SHALE DR.**

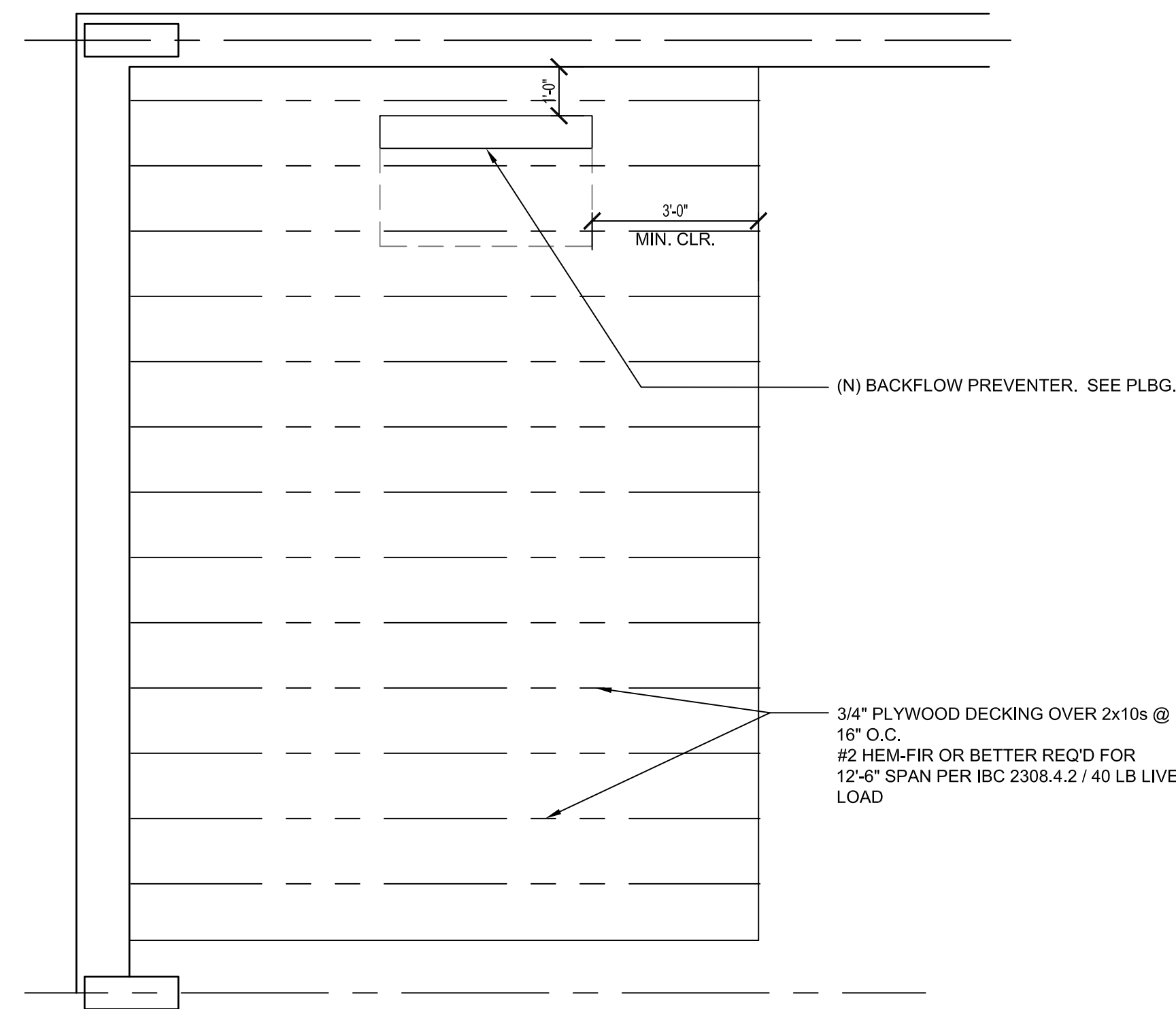
**RANGELY, CO 81648**



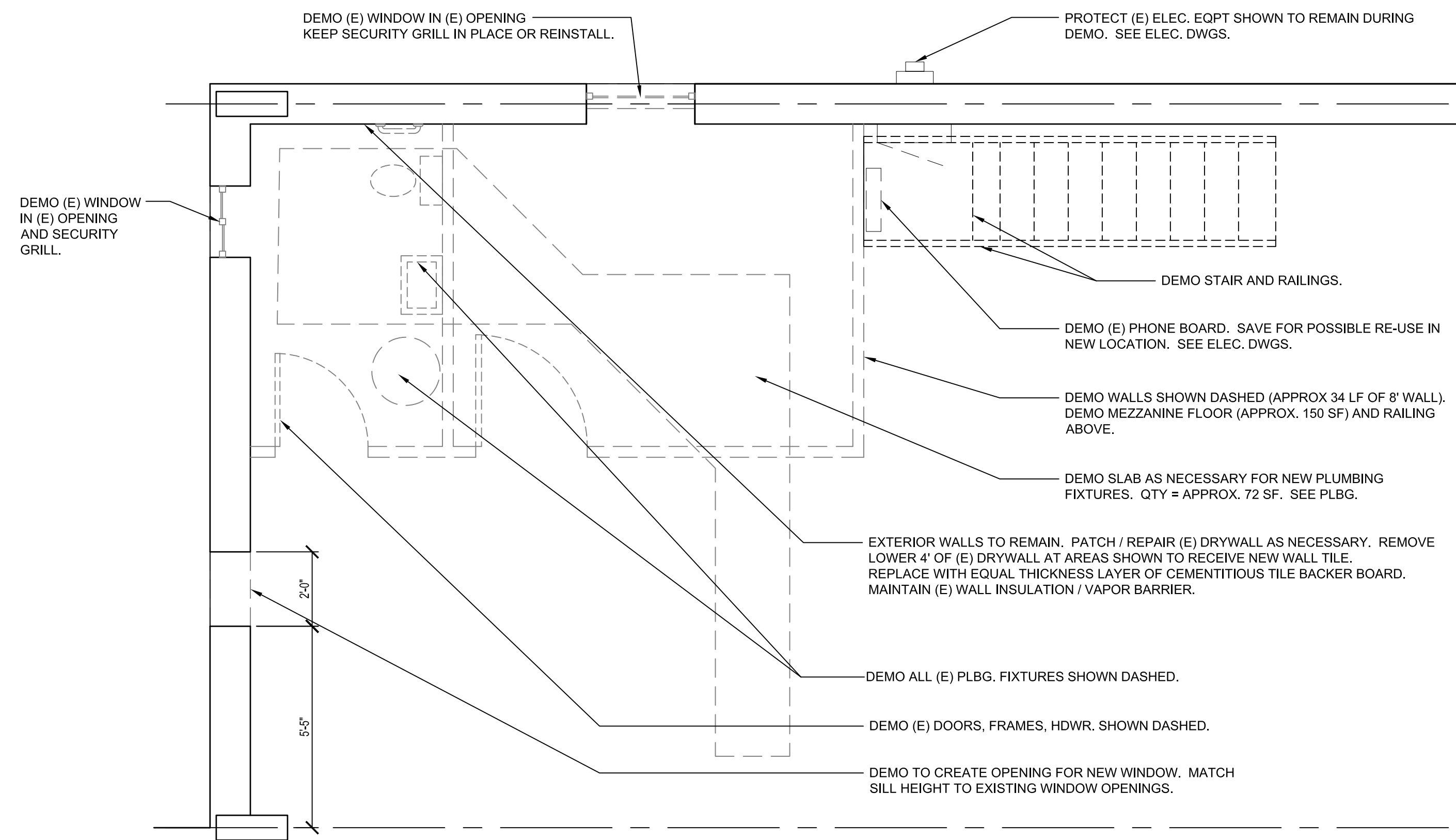
3 REFLECTED CEILING PLAN  
3/8" = 1'-0"



4 FLOOR PLAN  
3/8" = 1'-0"



1 BACKFLOW PREVENTER PLATFORM PLAN  
3/8" = 1'-0"



2 DEMOLITION PLAN  
3/8" = 1'-0"

DATE	No.	DESCRIPTION
06/26/2020	1	70% CONSTRUCTION DOCS
08/03/2020	2	95% CONSTRUCTION DOCS
08/07/2020	3	99% CD/CODE REVIEW
09/23/2020	4	100% BID SET

Colorado Department of Transportation

PROPERTY MANAGEMENT  
2829 W. HOWARD PL., FL 4  
DENVER, CO 80204  
Phone: 303-757-9011 FAX: 303-512-5550

CONSTRUCTION PLANS  
RANGELY OFFICE REMODEL  
2829 E SHALE DRIVE  
RANGELY, COLORADO 81648



DRAWN BY: RL

CDOT PROJECT NO. 23364  
SAP BUILDING # 1000/3/381

DRAWING NUMBER  
**A2.0**

**GENERAL NOTES**

- ALL WALLS AND PARTITIONS ARE TO BE BUILT PER PARTITION TYPES SHOWN ON THIS SHEET AND CALLED OUT IN THE PLANS AND SPECIFICATIONS.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL ESTABLISH LOCATION OF ALL PARTITIONS, OPENINGS, EQUIPMENT, ETC.
- LARGER SCALE DRAWINGS AND DETAILS HAVE PRIORITY OVER SMALLER SCALE DRAWINGS.
- CONTRACTOR SHALL NOTIFY THE CDOT REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS IN THE DRAWINGS AND/OR SPECIFICATIONS TO REQUEST AND RECEIVE AN INTERPRETATION OR CLARIFICATION FROM CDOT REPRESENTATIVE BEFORE PROCEEDING WITH CONSTRUCTION.
- CONTRACTOR SHALL VERIFY FIELD CONDITIONS BEFORE PROCEEDING WITH CREATION OF SHOP DRAWINGS AND CONSTRUCTION.
- NOT USED.
- DISTANCE FROM PERPENDICULAR WALL TO INSIDE FACE OF DOOR JAMB SHALL BE 6" UNLESS OTHERWISE NOTED.
- AT ROOMS WITH FLOOR DRAINS (TOILET ROOMS, MECHANICAL ROOMS, ETC.), FLOOR SHALL SLOPE TO DRAIN. SLOPE FLOOR TO DRAIN AT 1/4 INCH PER FOOT FROM DRAIN. DO NOT EXCEED SLOPE FOR ACCESSIBILITY PER ICC A117.1. RE: SLOPE PLAN ON A2.1
- PROVIDE FULLY TEMPERED OR LAMINATED SAFETY GLASS WHERE REQUIRED BY ALL APPLICABLE CODES, REGULATIONS AND LAWS.
- CONCRETE SLAB CONTROL JOINTS AND EXPANSION JOINTS SHALL BE CLOSELY COORDINATED WITH TILE AND PAVING PATTERN AND SHALL OCCUR UNDER TILE JOINTS WHERE POSSIBLE. PROVIDE CRACK ISOLATION MEMBRANE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS WHERE CONTROL JOINTS AND TILE JOINTS DO NOT ALIGN WITH TILE ABOVE.
- GYP BD IS 5/8 INCH THICKNESS U.O.N., PROVIDE TYPE "X" FIRE RATED GYP BD AT TESTED FIRE ASSEMBLIES.
- DO NOT PLACE MECHANICAL AND/OR ELECTRICAL DEVICES BACK TO BACK IN SOUND BARRIER PARTITIONS. ALL DEVICES TO BE PLACED IN SEPARATE STUD SPACES WITH 8" O.C. MIN. SEPARATION.
- PROVIDE CEMENTITIOUS TILE BACKER BOARD AT ALL WALLS IN DIRECT CONTACT WITH WATER AND AT ALL WALLS SCHEDULED TO RECEIVE SCHEDULED CERAMIC OR STONE TILE. AT HUMID SPACES INCLUDING BUT NOT LIMITED TO TOILET ROOM WALLS, KITCHEN WALLS AND WALLS ADJACENT TO WATER FEATURES WHERE TILE IS NOT SCHEDULED PROVIDE MOISTURE RESISTANT GYPSUM BOARD.
- UON, PARTITIONS ARE DIMENSIONED TO FACE OF STUD AND TO FACE OF EXISTING CONSTRUCTION. DIMENSIONS TO PRE-ENGINEERED METAL BUILDING COMPONENTS ARE TO FACE OF GIRT OR FACE OF PURLIN.
- DIMENSIONS TO NEW WINDOWS ARE TO THE CENTERLINE OF THE OPENING. REFER TO DOOR AND WINDOW SCHEDULE FOR SIZE OF DOORS, WINDOWS, AND FRAMES.
- PARTITIONS ARE PERPENDICULAR AND/OR PARALLEL TO COLUMN GRID U.O.N.
- NOTES TO "ALIGN" MEAN TO ALIGN FINISHED FACE OF PARTITION UNLESS OTHERWISE NOTED AND SHALL HAVE PRIORITY OVER DIMENSIONED LOCATIONS.
- PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING OR 20 GAUGE METAL BLOCKING AS SHOWN OR AS REQUIRED FOR ATTACHMENT OF WALL MOUNTED HARDWARE, TOILET ACCESSORIES, CASEWORK, MILLWORK, FINISH CARPENTRY ETC. AS MAY BE REQUIRED FOR THE SECURE ATTACHMENT OF ADJOINING WORK.
- PROVIDE STUDS OR SOLID BLOCKING AT SPACING ADEQUATE TO SUPPORT APPLIED LOADS INCLUDING HAND-RAILS, KNEE WALLS, GRAB BARS, WALL-MOUNTED FIXTURES, ETC.
- REFER TO GYPSUM BOARD ASSEMBLIES SPECIFICATION SECTION FOR ADDITIONAL REQUIREMENTS FOR GYPSUM BOARD ASSEMBLIES INCLUDING, BUT NOT LIMITED TO FIRE RATED CONSTRUCTION, SOUND RATED CONSTRUCTION, MATERIALS AND TOLERANCES.
- NOT USED.
- SOUND INSULATED WALLS SHALL HAVE MINIMUM 3-1/2" SOUND ATTENUATION BATTS AND SHALL FILL CAVITY WALL COMPLETELY.
- AT METAL BUILDING SYSTEM AND BRAKE METAL INSTALLATION, CLEANLY TERMINATE EDGES PERPENDICULAR TO PARALLEL WALL OR SURFACE.
- MAINTAIN 80" HEAD CLEARANCE BELOW ALL DUCTS AND SOFFITS THROUGHOUT THE BUILDING. AT ANY LOCATIONS THAT DO NOT MAINTAIN CLEARANCE, SUCH AS ACCESS UNDER STAIRS, CANE DETECTION SHALL PROVIDED IN ACCORDANCE WITH ADA.

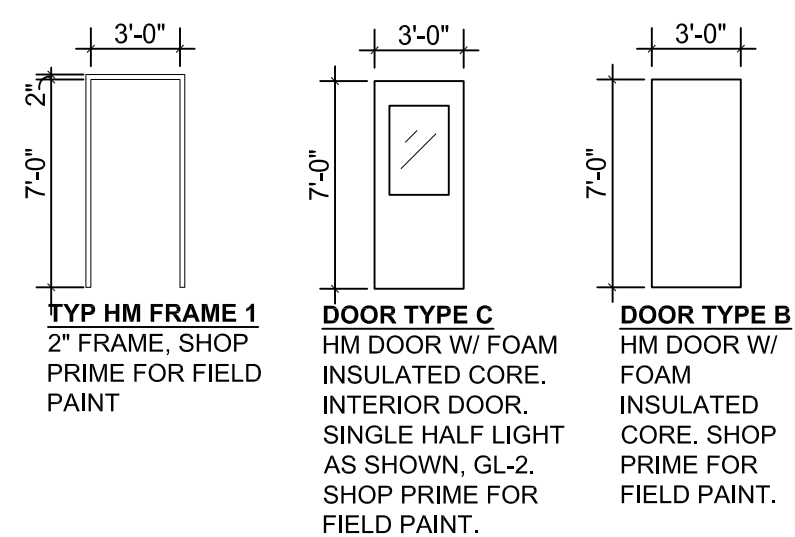
**SCHEDULE OF COLORS AND FINISHES**

COLORS ARE FOR REFERENCE, RE: SPECIFICATION SECTIONS INDICATED FOR OTHER APPROVED MANUFACTURERS

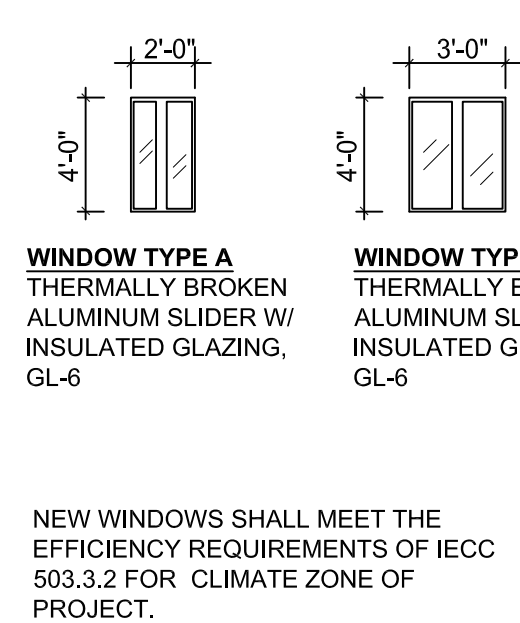
03 30 00 SC-1	CAST IN PLACE CONCRETE CONCRETE SEALER - INTERIOR USE	09 65 13 RB-1	RESILIENT BASE ROPPE PINNACLE 140 FAWN
06 41 00 P-LAM 1 P-LAM 2	ARCHITECTURAL CASEWORK WILSONART D92-60 DOVE GRAY WILSONART 4820-60 CARBON EV	09 90 00 PT-1 PT-2	PAINTING AND COATING WALLS / CEILING SHERWIN WILLIAMS SW7001 MARSHMALLOW DOORS AND FRAME: SHERWIN WILLIAMS SW7032 WARM STONE; MATCH EXTERIOR METAL BODY COLOR, MP-2
06 64 00 FRP-1	FIBER REINFORCED PLASTIC (FRP) FRP LAMINATED TO 5/8" PLYWOOD AT VSF, WHITE	PT-6	
08 80 00 GL-2 GL-6	GLAZING 1 1/4" CLEAR UNCOATED SAFETY GLASS 1" TINTED LOW E INSULATED GLASS		
09 30 13 CT-1 CT-2 GROUT:	CERAMIC TILING DAL TILE MATTE, X714 DESERT GRAY DAL TILE MATTE, 0790 ARCTIC WHITE MAPEI 93 WARM GREY		
09 65 1 VCT-1	RESILIENT FLOOR TILE ARMSTRONG STANDARD EXCELOX IMPERIAL TEXTURE "FIELD GRAY" 51927		

- \*ALL METAL BLDG TRIM & ACCESSORIES TO MATCH ADJACENT PANEL OR AS SELECTED BY ARCHITECT
- \*ALL FRP TRIM AND ACCESSORIES TO MATCH ADJACENT PANEL COLOR
- \*ALL FIRE RATED SURFACES TO MEET CLASS C RATING, MINIMUM, PER IBC 2015 TABLE 803.11.

**DOOR TYPES**



**WINDOW TYPES**



**DOOR SCHEDULE**

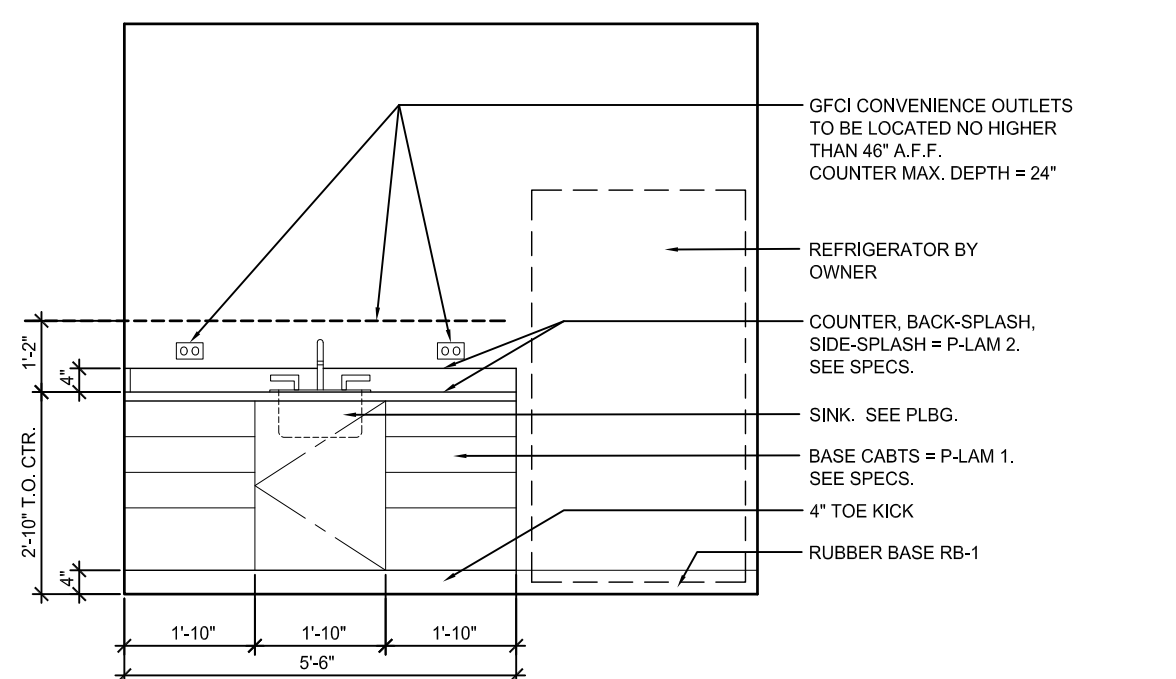
NO.	DESCRIPTION	TYPE	FINISH	WIDTH	HT	THK	HDWE	FRAME	FINISH	REMARKS
①	OFFICE DOOR	C	PT-2	3'-0"	7'-0"	1-3/4"	7	1	PT-2	PROVIDE OFFICE / ENTRY LOCKSET AND GL-2 SAFETY GLAZING PER SPECIFICATIONS
②	RESTROOM DOOR	B	PT-2	3'-0"	7'-0"	1-3/4"	6	1	PT-2	PROVIDE PRIVACY LOCKSET PER SPECIFICATIONS

**WINDOW SCHEDULE**

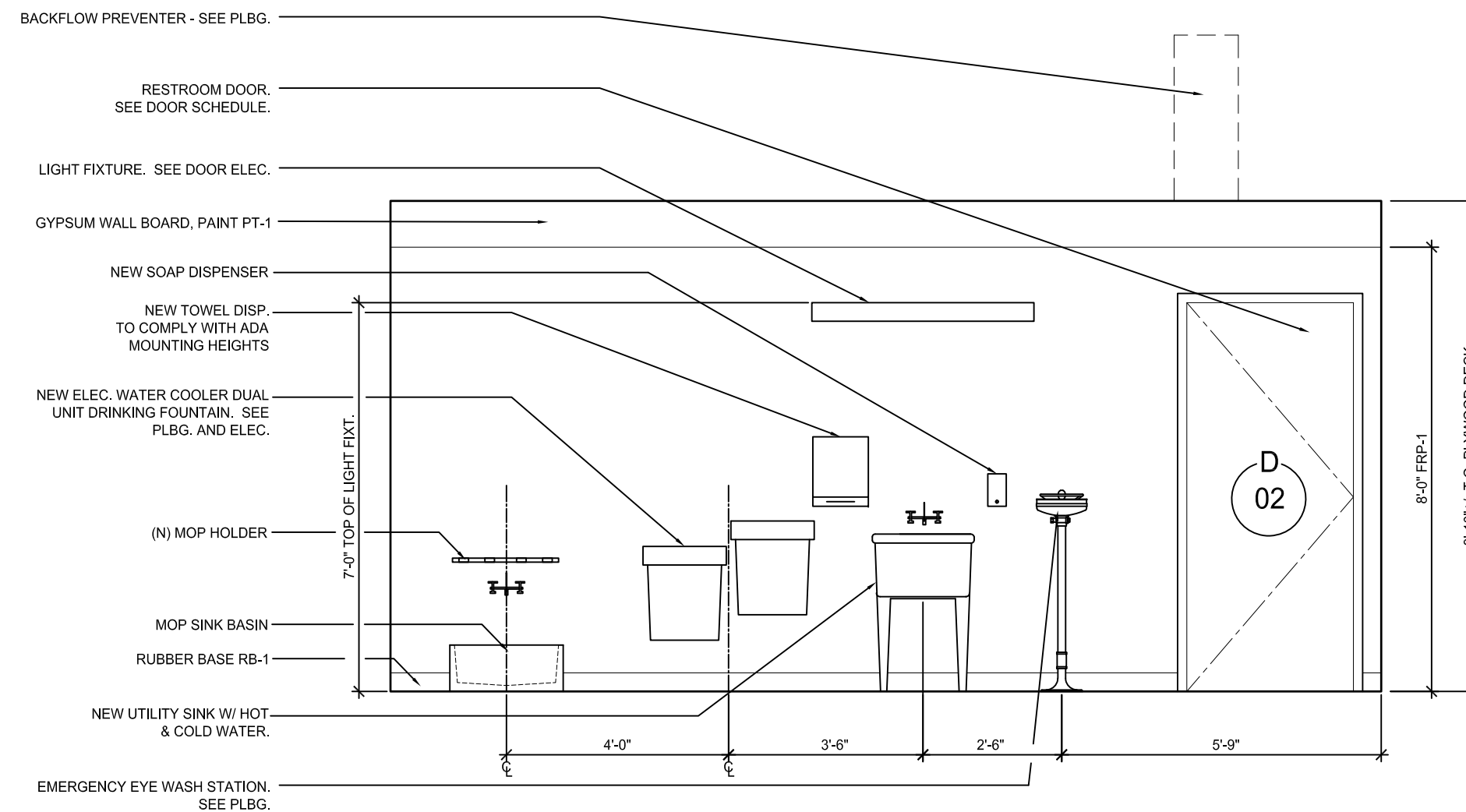
NO.	DESCRIPTION	TYPE	FINISH	WIDTH	HT	THK	HDWE	FRAME	FINISH	REMARKS
A	AL. WINDOW - HORZ. SLDR.	A	GL-6	2'-0"	4'-0"	--	--	ALUM	CLR ANOD	SILL HEIGHT 3'-0", AFF / PROVIDE HORIZONTAL BLINDS PER SPEC SECTION 12 21 13
B	AL. WINDOW - HORZ. SLDR.	B	GL-6	3'-0"	4'-0"	--	--	ALUM	CLR ANOD	SILL HEIGHT 3'-0", AFF / PROVIDE HORIZONTAL BLINDS PER SPEC SECTION 12 21 13

**ROOM FINISH SCHEDULE**

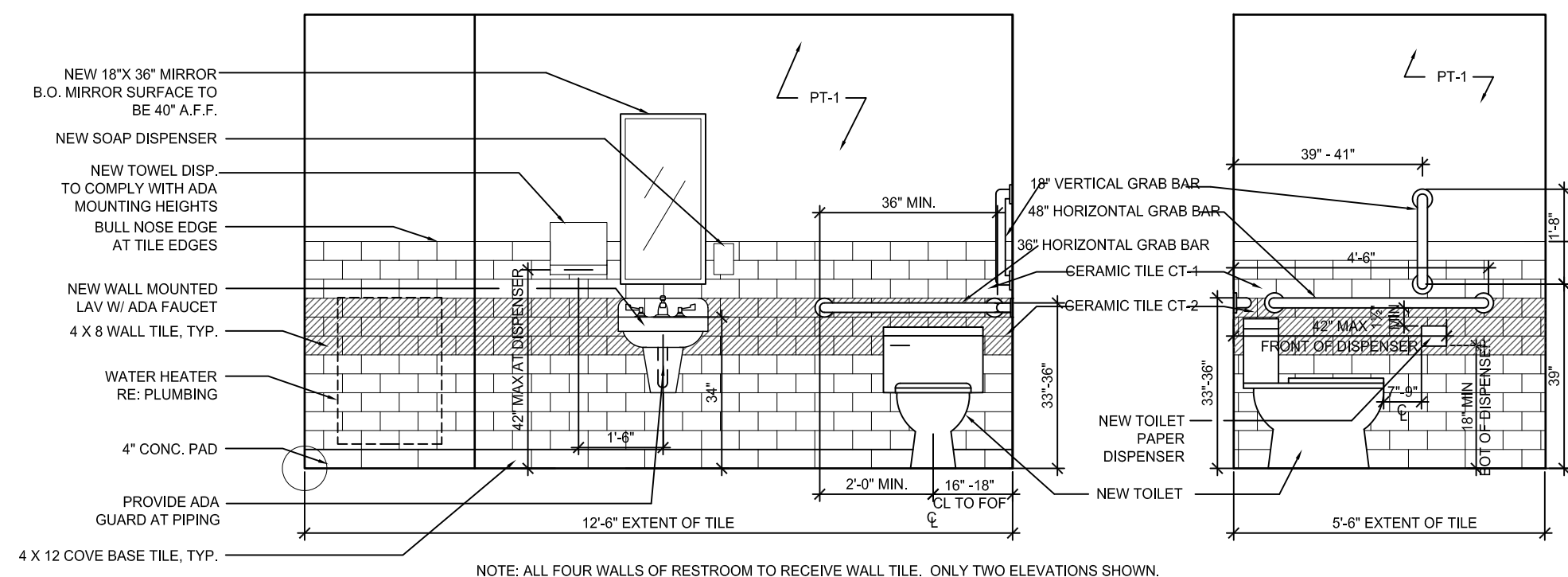
RM.	DESC.	FLR.	BASE	WALLS				CEILING		REMARKS
				N	E	S	W	MATL	HT.	
101	OFFICE	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	8'-0"	NONE
102	RESTROOM	VCT-1	CT-1	PT-1/ CT-1,2	PT-1/ CT-1,2	PT-1/ CT-1,2	PT-1/ CT-1,2	PT-1	8'-0"	ALL WALLS TO RECEIVE 4'-0" TILE WAINSCOT, RE: ELEV FOR PATTERN.



5 INTERIOR ELEVATION  
3/8" = 1'-0"

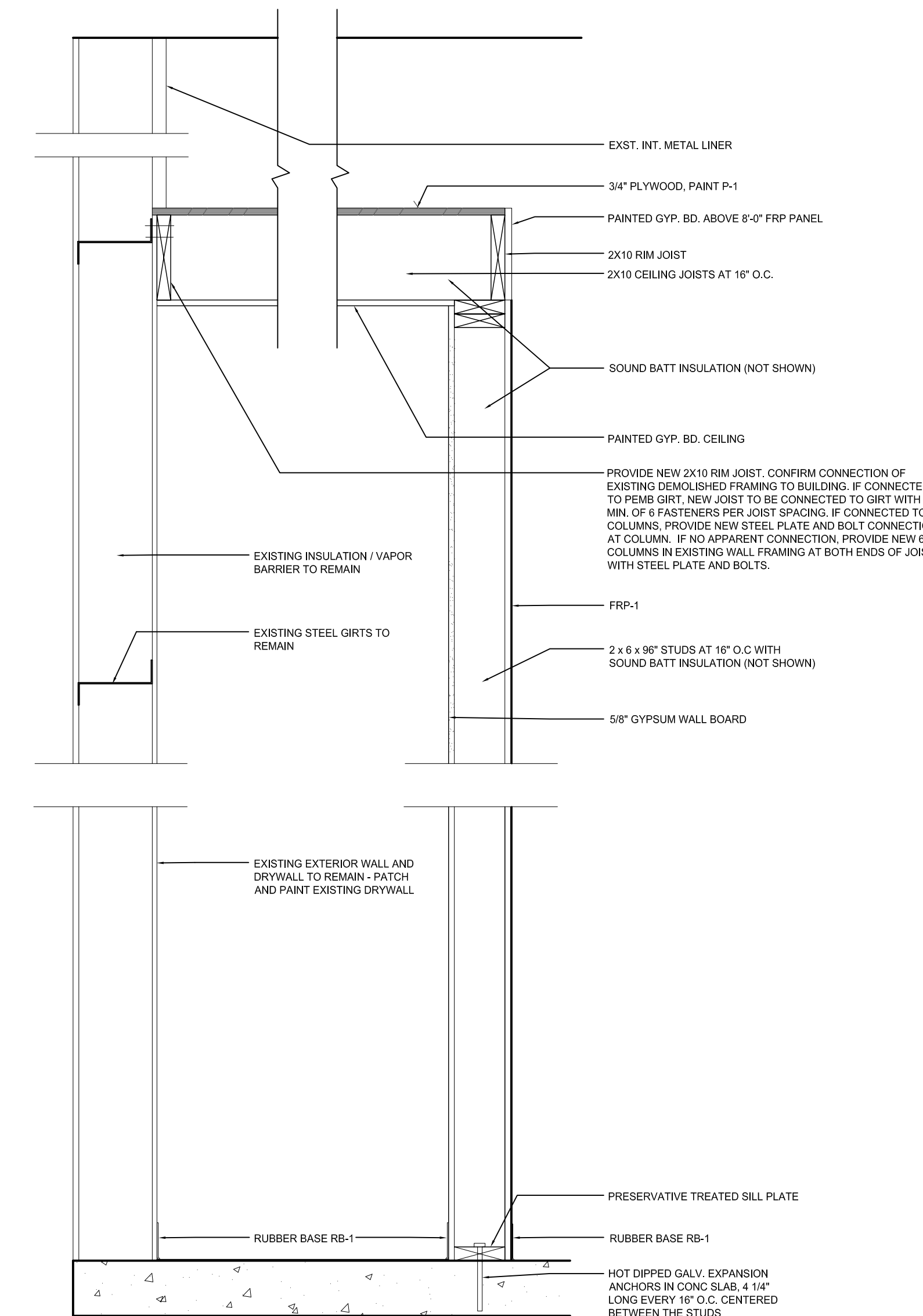


4 INTERIOR ELEVATION  
3/8" = 1'-0"



1 INTERIOR ELEVATION AT RESTROOM  
3/8" = 1'-0"

2 INTERIOR ELEVATION AT RESTROOM  
3/8" = 1'-0"



3 WALL SECTION  
3/8" = 1'-0"

**PARTITION TYPES**

TYPE	DETAIL	DESCRIPTION
W1		<b>TYPICAL INTERIOR PARTITION:</b> 1-LAYER 5/8" PLYWOOD / FRP PANEL 2x4 WOOD STUDS @ 16" O.C. AT DOORS, PROVIDE KING STUDS / TRIM STUDS SOUND BATT INSULATION, FILL CAVITY, R-19 MIN. 1-LAYER 5/8" GYPSUM WALL BOARD, AT TOILET ROOM, PROVIDE 1-LAYER 5/8" CEMENTITIOUS BOARD AND CERAMIC TILE TO HEIGHT OF WAINSCOT, 1 LAYER 5/8" GYPSUM WALL BOARD ABOVE.
W2		<b>PLUMBING WALL PARTITION:</b> 1-LAYER 5/8" PLYWOOD / FRP PANEL 2x6 WOOD STUDS @ 16" O.C. 6" SOUND BATT INSULATION AT TOILET ROOM WALLS. FILL CAVITY, R-19 MIN. 1-LAYER 5/8" GYPSUM WALL BOARD, AT TOILET ROOM, PROVIDE 1-LAYER 5/8" CEMENTITIOUS BOARD AND CERAMIC TILE TO HEIGHT OF WAINSCOT, 1 LAYER 5/8" GYPSUM WALL BOARD ABOVE.
W3		<b>EXTERIOR WALL PATCH AT RESTROOM WINDOW:</b> EXISTING INSULATION TO REMAIN ADJACENT TO OPENING, WHERE (E) WINDOW IS REMOVED, INFILL WITH 8 SQ. FT. OF R-13 INSULATION + R-13 CONTINUOUS INSULATION IN EXISTING 8" WALL CAVITY NEW 5/8" GYPSUM WALL BOARD, AT TOILET ROOM, PROVIDE 1-LAYER 5/8" CEMENTITIOUS BOARD AND CERAMIC TILE TO HEIGHT OF WAINSCOT, 1 LAYER 5/8" GYPSUM WALL BOARD ABOVE. REPLACE (3) METAL PANELS WITH NEW, FULL-HEIGHT OF BLDG.

DATE	NO.	DESCRIPTION
06/26/2020	1	70% CONSTRUCTION DOCS
08/03/2020	2	95% CONSTRUCTION DOCS
08/07/2020	3	99% CD/CDCE REVIEW
09/23/2020	4	100% BID SET

**Colorado Department of Transportation**  
PROPERTY MANAGEMENT  
2829 W. HOWARD PL., FL 4  
DENVER, CO 80204  
Phone: 303-757-9011 FAX: 303-512-5550

**GENERAL NOTES / SCHEDULE**  
**RANGELY OFFICE REMODEL**  
2829 E SHALE DRIVE  
RANGELY, COLORADO 81648

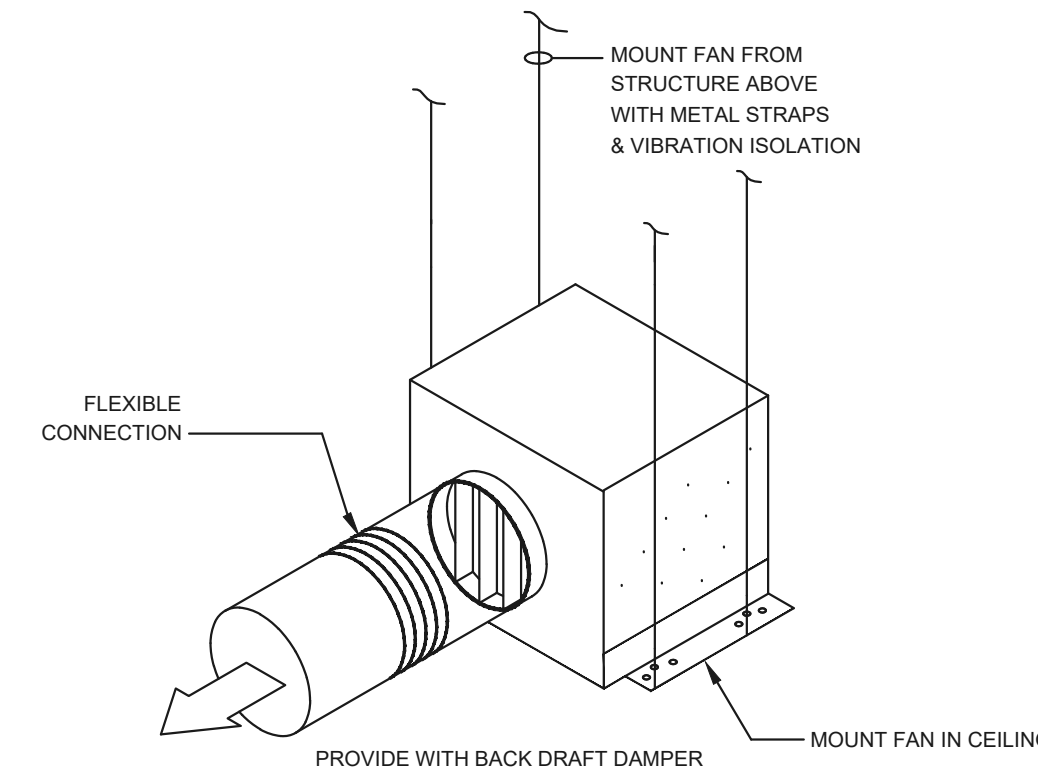


DRAWN BY: RL

CDOT PROJECT NO. 23364  
SAP BUILDING # 1000/3/381

DRAWING NUMBER

**A3.0**



1  
MO.0  
CEILING MOUNTED EXHAUST FAN DETAIL  
SCALE: NTS

**MECHANICAL NOTES**

- I. GENERAL
- A. ALL WORK SHALL BE IN ACCORDANCE WITH SMACNA STANDARDS AND SPECIFICATIONS, AND LOCAL AUTHORITY HAVING JURISDICTION.
- B. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND NOT INTENDED TO SHOW ALL TRANSITIONS, OFFSETS, ETC. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND PROVIDE ALL NECESSARY FITTINGS TO COMPLETE THE INTENT OF THE DRAWINGS. ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER FOR RESOLUTION. CONTRACTOR MAY LOCATE MECHANICAL EQUIPMENT DIFFERENTLY THAN SHOWN ON DRAWINGS DUE TO CONFLICTS, AS LONG AS FUNCTION AND/OR APPEARANCE ARE NOT AFFECTED.
- C. COORDINATE SPACE REQUIREMENTS, SUPPORTS, AND INSTALLATION OF MECHANICAL WORK, WHICH ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. FOLLOW ROUTING SHOWN FOR PIPES AND DUCTS AS CLOSELY AS PRACTICABLE. PLACE RUNS PARALLEL WITH LINES OF BUILDING. UTILIZE SPACES EFFICIENTLY TO MAXIMIZE ACCESSIBILITY FOR OTHER INSTALLATIONS, FOR MAINTENANCE, AND FOR REPAIRS.
- D. COMPLY WITH MANUFACTURER'S INSTRUCTIONS INCLUDING EACH STEP IN SEQUENCE. SHOULD MANUFACTURER'S INSTRUCTIONS CONFLICT WITH THE DRAWINGS REQUEST CLARIFICATION FROM THE ENGINEER BEFORE PROCEEDING.
- E. CONTRACTOR SHALL REVIEW THESE DOCUMENTS CAREFULLY. CONTRACTOR SHALL CONTACT CDOT REPRESENTATIVE FOR RESOLUTION OF ANY DISCREPANCIES, OMISSIONS, OR CLARIFICATIONS, BEFORE BID DATE. IN THE EVENT THAT AN INTERPRETATION OF BID DOCUMENTS IS NECESSARY AFTER THE BID DATE, THE DECISION OF CDOT SHALL BE FINAL AND BINDING.
- F. PRODUCT DELIVERY, STORAGE, AND HANDLING: PROVIDE EQUIPMENT AND PERSONNEL TO HANDLE PRODUCTS BY METHODS TO PREVENT DAMAGE. PROMPTLY INSPECT SHIPMENTS TO ENSURE THAT PRODUCTS ARE UNDAMAGED. STORE AND PROTECT PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- G. THE CONTRACTOR IS RESPONSIBLE FOR THE COSTS OF ALL CHANGE ORDERS, WHICH THE OWNER AND ENGINEER HAVE NOT APPROVED IN WRITING PRIOR TO THE EXECUTION OF THE ASSOCIATED WORK.
- H. IN THE CASE OF A CONFLICT, UNLESS OTHERWISE NOTED, KEYNOTES ON MECHANICAL PLANS SHALL SUPERCEDE ANY GENERAL NOTES ON THE PLANS.
- I. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AND NOTIFY CDOT REPRESENTATIVE IF ANY CONFLICTS OCCUR.
- J. THERMOSTAT LOCATIONS AND HEIGHTS TO BE 48" TO MATCH LIGHT SWITCH HEIGHTS. CONTRACTOR TO CALIBRATE ALL THERMOSTATS SHOWN ON THIS PLAN.
- K. MECHANICAL CONTRACTOR TO CHECK OPERATION AND CONDITION OF ALL EXISTING MECHANICAL EQUIPMENT WITHIN THE CONFINES OF THIS SPACE AND PREPARE A WRITTEN LIST OF ANY DEFICIENCIES IN EQUIPMENT OPERATION OR CONDITION. LIST SHALL BE SUBMITTED TO PROPERTY MANAGER TWO WEEKS AFTER THE AWARD OF THE CONTRACT.
- L. THERMOSTAT CONTROL LINES SHALL BE SUPPORTED AT INTERVALS NOT TO EXCEED 4'0".
- M. ALL PIPE AND DUCT PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED PER 2018 IBC.

THROUGH-WALL AIR CONDITIONER																	
GENERAL			COOLING PERFORMANCE AT SEA LEVEL					ELECTRICAL				PHYSICAL				NOTES	
TAG	MANUFACTURER	MODEL	CAPACITY [BTU]	POWER [W]	AMPS [A]	AIRFLOW [CFM]	EER	VOLTAGE [V]	PHASE	FREQ. [HZ]	MOCF [A]	RLA [A]	WIDTH [IN]	HEIGHT [IN]	DEPTH [IN]		WEIGHT [LBS]
AC-1	LG	LT1216CER	11,800	990	9.3	265	10.6	115	1	60	15	9.3	24	14	20	82	1,2,3

NOTES:

1. PROVIDE UNIT WITH TRIM KIT AND WALL SLEEVE WITH STAMPED ALUMINUM GRILLE
2. ENSURE UNIT IS SHIMMED WITHIN WALL SLEEVE, TILTED SLIGHTLY SO CONDENSATE DRAINS TO EXTERIOR OF BUILDING
3. PROVIDE WITH REMOTE CONTROLLER AND WALL MOUNTED REMOTE HOLDER

FAN SCHEDULE																			
GENERAL						PERFORMANCE (@ 5,300 FT)					ELECTRICAL				PHYSICAL				NOTES
TAG	MANUFACTURER	MODEL	LOCATION	SERVICE	TYPE	AIRFLOW [CFM]	ESP [IN. W.C.]	SPEED [RPM]	POWER [W]	SOUND [SONES]	VOLTAGE [V]	Ø	FREQ. [HZ]	FLA [A]	LENGTH [IN]	WIDTH [IN]	HEIGHT [IN]	WEIGHT [LBS]	
EF-1	GREENHECK	SP-B90	102	BATHROOM EXHAUST	CEILING	85	0.13	700	17	0.9	115	1	60	0.65	14	12	7	10	1,2,3

NOTES:

1. PROVIDE WITH TIMECLOCK, COORDINATE SCHEDULE WITH OWNER TO RUN DURING OCCUPIED HOURS.
2. PROVIDE WITH VENT HOOD FOR EXHAUST OUTLET IN WALL (HERCULES INDUSTRIES SKU# 6GDV OR APPROVED EQUAL)
3. CEILING MOUNTED

ELECTRIC HEAT SCHEDULE														
GENERAL					ELECTRICAL				PHYSICAL				REMARKS	
TAG	MANUFACTURER	MODEL	LOCATION	ARRANGEMENT	VOLTAGE [V]	PHASE	FREQ. [HZ]	POWER [KW]	DEPTH [IN]	WIDTH [IN]	HEIGHT [IN]	WEIGHT [LBS]		
EBB-1	QMARK	2514W	101	BASEBOARD	120	1	60	1,000	3	48	6.75	10	1,2,3	
EBB-2	QMARK	2513W	102	BASEBOARD	120	1	60	750	3	36	6.75	8	1,2,3	

NOTES:

1. PROVIDE WITH SEPARATE LINE VOLTAGE THERMOSTAT
2. PROVIDE WITH MANUFACTURER'S MOUNTING BRACKET AND HARDWARE
3. PROVIDE WITH NECESSARY EQUIPMENT TO ALLOW WALL MOUNTED INSTALLATION.

NATURAL VENTILATION CALCULATION (CALCULATIONS BASED ON IMC 402.2)				
ROOM NAME	ROOM #	SQUARE FEET	OPERABLE OPENING REQUIRED [SF]	OPERABLE OPENING PROVIDED [SF]
OFFICE	101	133	5.3	8
RESTROOM	102	74	3.0	4

DATE	No.	DESCRIPTION
6/26/2020	1	70% CONSTRUCTION DOCS
9/8/2020	2	98% CODE REVIEW
9/23/2020	3	100% CONSTRUCTION DOCS

**Colorado Department of Transportation**

15285 SOUTH GOLDEN ROAD  
BUILDING 47  
GOLDEN, CO 80401  
Phone: 303-512-5516 FAX: 303-512-5550

**360 Engineering Inc.**

1600 Jackson St. Suite 300  
Golden, CO 80401  
303-942-2020  
201404  
TAB

**RANGELY ADDITION**

REGION 3  
2829 EAST SHALE DRIVE  
RANGELY, COLORADO 81648

DRAWN BY: ASF  
DATE: 9/23/2020

CDOT PROJECT NO.  
17179

DRAWING NUMBER  
**MO.0**

