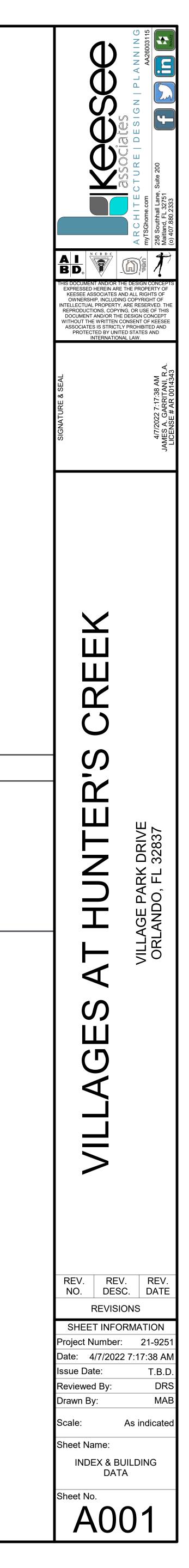


E DE	FLORIDA BUILDING CODE 2020 7th ED. FLORIDA BUILDING CODE 2020 7th ED.
ODE	FLORIDA BUILDING CODE 2020 7th ED.
E	FLORIDA BUILDING CODE 2020 7th ED.
TRIC CODE	2017 NEC
ON CODE	2020 7th ED. & CURRENT ADOPTED CODES
	& STANDARD BY THE STATE FLORIDA
ORIDA EDITION	2018 EDITION
CODE	FLORIDA BUILDING CODE 2020 7th ED.
DING CODE	FLORIDA BUILDING CODE 2020 7th ED.

ICY CLASSIFICATION		
B - BUSINESS		
TRUCTION TYPE		
PE VB - <u>SPRINKLED</u> / <u>SEPARATED</u>		
JRISDICTION		
DIGITAL SIGNED & SEALED		
INDIVIDUAL FILES		

AREA TABULATION		
ROOM NUMBER	ROOM NAME	Area
101	UNIT #1	703 SF
102	UNIT #2	752 SF
103	UNIT #3	727 SF
104	UNIT #4	753 SF
105	UNIT #5	680 SF
106	UNIT #6	794 SF
107	UNIT #7	662 SF
108	UNIT #8	675 SF
109	UNIT #9	662 SF
110	UNIT #10	700 SF
111	UNIT #11	695 SF
112	UNIT #12	690 SF
113	ELEC.	38 SF
114	RISER CL.	25 SF
BLDG1	BUILDING #1	7701 SF
BLDG2	BUILDING #2	1523 SF
TOTAL RETAIL SF	7,790 SF	
TOTAL NON- RET	AIL SF	63 SF
TOTAL BUILDINGS SF 9,224		

DRAWING INDEX				
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE	CURRENT REVISION DATE	
0 - GENER	٨١			
0 - GENER A001		03.25.22		
A002	ABBREVIATIONS, LEGENDS, & NOTES	03.25.22		
2 - LIFE SA		00.20.22		
A101		03.25.22		
A102	ADA CLEARANCE REQUIREMENTS	03.25.22		
A103	ADA CLEARANCE REQUIREMENTS	03.25.22		
A104	LIFE SAFETY UL ASSMEMBLY	03.25.22		
3 - STRUC		00.20.22		
S001	STRUCTURAL GENERAL NOTES	03.25.22		
S100	FOUNDATION PLAN	03.25.22		
S200	ROOF FRAMING PLAN & NOTES	03.25.22		
S300	FOUNDATION DETAILS	03.25.22		
S400	CONCRETE & MASONRY SECTION & DETAILS	03.25.22		
S500	ROOF FRAMING SECTION & DETAILS	03.25.22		
4 - ARCHIT		00.20.22		
A300	FLOOR PLAN - NOTES	03.25.22		
A302	FLOOR PLAN - DIMENSIONS	03.25.22		
A600	ROOF PLAN	03.25.22		
A700	BUILDING ELEVATIONS	03.25.22		
A701	BUILDING ELEVATIONS	03.25.22		
A800	BUILDING SECTIONS	03.25.22		
A900	WALL SECTIONS	03.25.22		
A1000	DOOR/ WINDOW SCHEDULE & DETAILS	03.25.22		
A1100	WALL PARTITION TYPES	03.25.22		
A1101	DETAILS	03.25.22		
A1102	DETAILS	03.25.22		
5 - PLUMBI		00.20.22		
P200		03.25.22		
P700	PLUMBING SCHEDULES AND DETAILS	03.25.22		
6 - MECHA				
H600	ROOF HVAC PLAN	03.25.22		
H700	HVAC SCHEDULES AND DETAILS	03.25.22		
7 - ELECTF				
E200	BUILDING ELECTRICAL PLAN	03.25.22		
E700	ELECTRICAL SCHEDULES AND DETAILS	03.25.22		



		ABBF	REVIATIONS
&	AND	HGT.	HEIGHT
ل	ANGLE	H.C.	HANDICAPPED ACCISSIBLE
@	AT	HM.	HOLLOW METAL
∠ @با	CENTERLINE	HORZ.	HORIZONTAL (LY)
⊎ ل	CHANNEL	HB.	HOSE BIBB
	DIAMETER OR ROUND	HR.	HOUR
	PERPENDICULAR OR STRUCTURAL TEE	INCL.	INCLUDING
⊥ #	NUMBER OR POUND	INSUL.	INSULATE (D) (ING) (TION)
	ABOVE	INT.	INTERIOR
	ACOUSTICAL TILE	JB	JUNCTION BOX (ES)
ADJ.	ADJUSTABLE	JC	JANITORS CLOSET
A/C	AIR CONDITIONING	JCT.	JUNCTION
A.F.F.	ABOVE FINISHED FLOOR	JT.	JOINT
ALT.	ALTERNATE		LENGTH
AL.	ALUMINUM	LAM.	LAMINATE (D)
ALUM.		LAV.	LAVATORY
A.S.T.M.	AMERICAN SOCIETY TESTING MATERIALS	LG.	LAMINATED GLASS
A.I.S.C.	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LDG.	LEADED GLASS
A.I.A.	AMERICAN INSTITUTE OF ARCHITECTS	LL.	LIVE LOAD
AB.	ANCHOR BOLT	LT.WT.	LIGHT WEIGHT
ANOD.	ANODIED	MANUF.	MANUFACTURE (ER)
ARCH.	ARCHITECT(URAL)	MARB.	MARBLE
A.R.	AS REQUIRED	MAS.	MASONRY
AUTO.	AUTOMATIC	M.O.	MASONRY OPENING
A.N.S.I.	AMERICAN NATIONAL STANDARDS INSTITUTE	MAX.	MAXIMUM
AWWM.	ALIGN WITH WINDOW MULLION	MG.	MIRROR GLASS
BKSPL.	BACK SPLASH	MIN.	MINIMUM
BSMT.	BASEMENT	MR.	MOISTURE RESISTANT
BRG.	BEARING	MTD.	MOUNTED
BM.	BEAM	MTL.	METAL
BTWN.	BETWEEN	MECH.	MECHANIC (AL)
BIT.	BITUMINOUS	MAT.	MATERIAL
BLK.	BLOCK	MISC.	MISCELLANEOUS
BLKG.	BLOCKING		NATIONAL FIRE PROTECTION AGENCY
BD.	BOARD	Ν.	NORTH
BOT.	BOTTOM	NTS	NOT TO SCALE
BRK.	BRICK	NEC	NATIONAL ELECTRIC CODE
BLDG.	BUILDING	NR	NON FIRE RATED
BU.	BUILT-UP	NSF	NATIONAL ANITATION FOUNDATION
CO.	CLEAN OUT	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMIN.
CPT.	CARPET (ED)	OC.	ON CENTER
C.B.	CATCH BÀSIN	OPG.	OPENING
CTR.	CENTER	OA.	OVERALL
CLG.	CEILING	OD.	OUTSIDE DIAMETER
C.F.C.I.	FURNISHED INSTALLED	0.F.O.I.	OWNER FURNISHED OWNER INSTALLED
CEM.	CEMENT	0.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
C.T.	CERAMIC TILE	O.H.	OPPOSITE HAND
CHAM.	CHAMFER	OWG.	ONE WAY GLASS
CHN LNK	CHAIN LINK	PNT	PAINT
C.I.	CAST IRON	PTD.	PAPER TOWEL DISPENSER
C.I.P.	CAST IN PLACE	PL	PROPERTY LINE
CIR.	CIRCLE	PLAM	PLASTIC LAMINATE
CIRCUM.	CIRCUMFERENCE	PLYWD	PLYWOOD
CLR.	CLEARANCE	P/CF	POUND PER CUBIC FOOT
COL.	COLUMN	P/LF	POUNDS PER LINEAR FOOT
CONC.	CONCRETE	P/SF	POUNDS PER SQUARE FOOT
CMU	CONCRETE MASONRY UNIT	PSI	POUNDS PER SQUARE INCH
CONST.	CONSTRUCTION	PT.	POINT
CONTR.	CONTRACTOR	P.T.	PRESSURE TREATED
CONT.	CONTINUOUS OR CONTINUE	R	FIRE RATED
CJT	CONTROL JOINT	RAD.	RADIUS
CTPG	CLEAR TEMPERED PLATE GLASS	RE:	REFERENCE OR SEE
CTR	COUNTER	REF.	REFERENCE
CW	COLD WATER	REINF.	REINFORCING
DCD	CASE DRAIN	REQ'D.	REQUIRED
D.F.	DRINKING WATER FOUNTAIN	REV.	REVISION (S) (REVISED)
DTL	DETAIL	RO	ROUGH OPENING
DIA	DIAMETER	R/W	RIGHT OF WAY
DIM	DIMENSION	SCH.	SCHEDULE
DS	DOWN SPOUT	SHT.	SHEET
DWG	DRAWING	SC.	SOLID CORE
DL.	DOWN LEADER	S.	SOUTH
DN	DOWN	SSBC	SOUTHERN STANDARD BUILDING CODE (S)
EA.	EAST	SPEC.	SPECIFICATION (S)
E	EACH	S.S.	STAINLESS STEEL
E.H.D.	ELECTRIC HAND DRYER	S/S	SANITARY SEWER
ELEC	ELECTRIC	SPG	SPANDRELITE PANEL GLASS
EL	ELEVATION	STD	STANDARD
ELEV	ELEVATION	STL.	STEEL
EQ.	EQUAL	STOR	STORAGE
E.W.	EACH WAY	STRUCT	STRUCTURE (AL)
E.W.C.	ELECTRIC WATER COOLER	SUSP.	SUSPENDED
E.W.H.	ELECTRIC WATER HEATER	T & B	TOP AND BOTTOM
EXH.	EXHAUST	Т.М.	ТО МАТСН
EJJT/E.J.	EXPANSION JOINT	T.M.E.	TO MATCH EXISTING
EXP.	EXPOSED	T.O.C.	TOP OF CONCRETE
EXIST.EXTG.	EXISTING	TOH.	TOTAL DYNAMIC HEAD
EXT.	EXTERIOR	T.O.M.	TOP OF MASONRY
FA	FIRE ALARM	T.O.R.F.	TOP OF ROOF PERIMETER
FE.	FIRE EXTINGUISHER	T.O.R.D.	TOP OF ROOF DECK
F. CLG/	FINISH CEILING	T.O.W.	TOP OF WALL
FIN. CEIL.		TTPG	TINTED TEMPERED PLATE GLASS
F.F./FIN. FL.	FINISH FLOOR	T. OF F.	TOP OF FOUNDATION
FIN.		TEL.	TELEPHONE
FLASH.	FINISH (ED) FLASHING	TV.	TELEVISION
FLR.	FLOOR (ING)	T & G	TONGUE AND GROOVE
FLUOR	FLUORESCENT	TYP.	TYPICAL
FOC.	FACE OF CONCRETE	U.N.O.	UNLESS NOTED OTHERWISE
FOF.	FACE OF FINISH	V.B.	VAPOR BARRIER
FOFM	FACE OF FINISHED MASONRY	VERT.	VERTICAL
FOS	FACE OF STUDS	VCT.	VINYL COMPOSITION TILE
F.O.SH.		VP	VENEER PLASTER
F.O.S.M.		VTR.	VENT THRU ROOF
FTG.	FOOTING	W/	WITH
FT.	FOOT	W.	WIDTH OR WEST
GALV.	GALVANIZED	WC.	WATER CLOSET
G.I.	GALVANIZED IRON	W. HTR.	WINDOW
GD.	GRADE (GRADING)	WNDW	
GEN.	GENERÀL	WO	WITHOUT
GYP./GWB	GYPSUM WALL BOARD	WD	WOOD
H OR HT.	HEIGHT	WG	WIRE GLASS
HDW.	HARDWARE	WT.	WEIGHT
HDR.	HEADER	WP.	
HVAC.	HEATING/VENTILATING/AC	WWF.	

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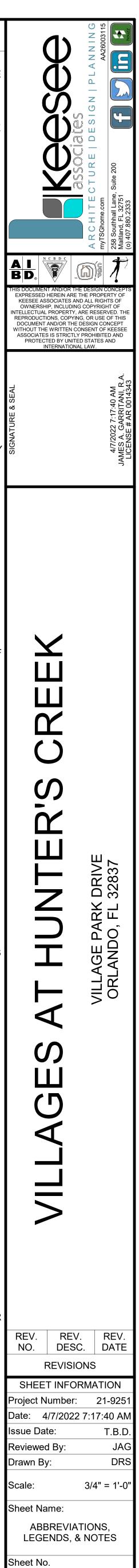
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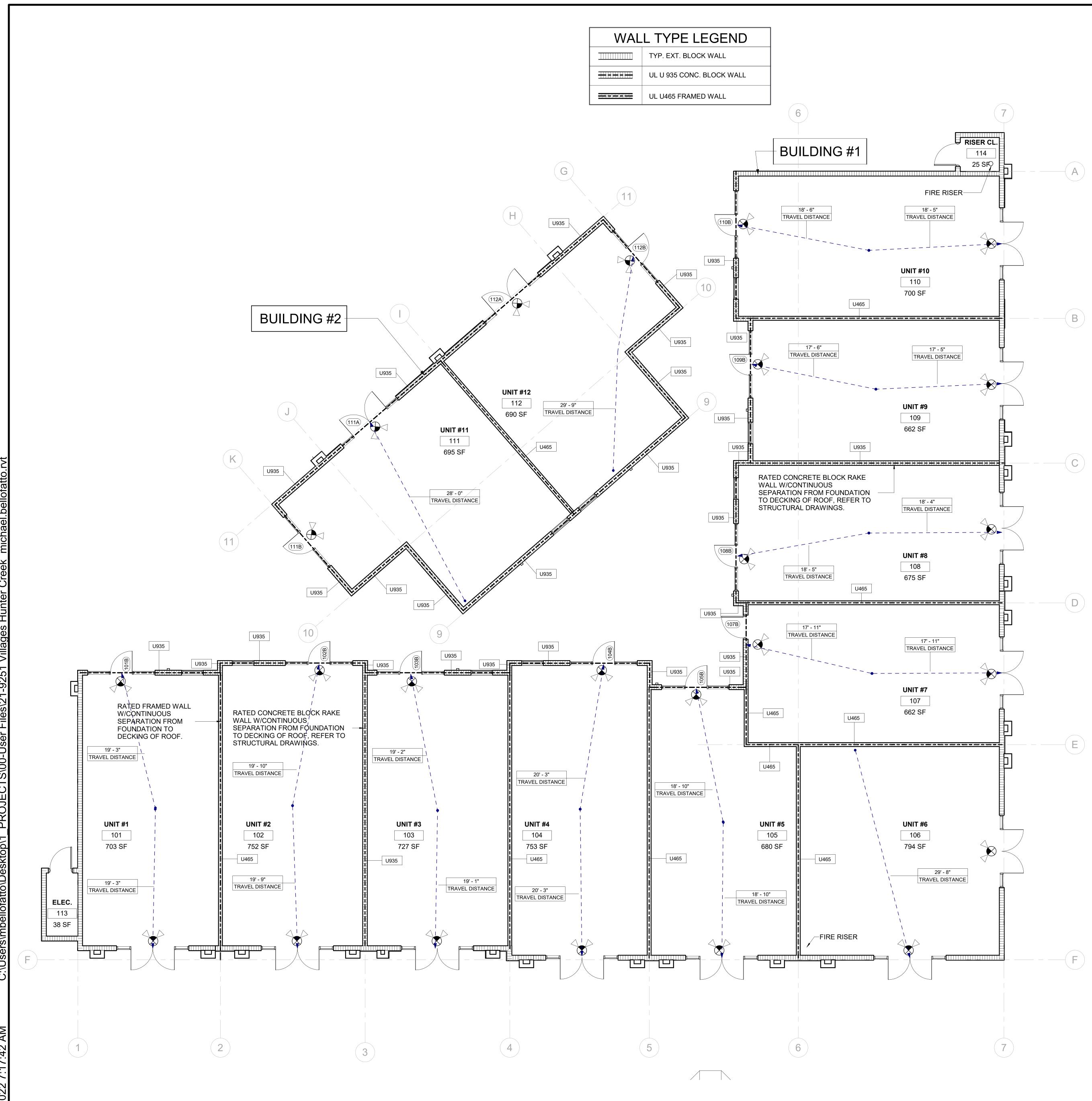
LEGEND OF SYMBOLS		PROJECT REQUIREMENTS & COMPLIANCE
SYMBOL	DESCRIPTION	1. CODE REQUIREMENTS: IT IS THE INTENT THAT ALL WORK SHALL CONFORM TO THE ADOPTED CODES, STANDARDS AND RULES OF THE ADMINISTRATIVE AUTHORITY
	NORTH ARROW	 HAVING JURISDICTION. 2. ALL WORK SHALL CONFORM WITH DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ALL THE FOLLOWING WHERE APPLICABLE: A. GOVERNING MUNICIPAL REGULATORY AGENCIES
ROOM NAME		B. LOCAL, STATE AND FEDERAL CODES
0000 SQ FT 302	ROOM NAME & NUMBER - SEE FINISH SCHEDULE	APPLICABLE CODES: STANDARD FLORIDA BUILDING CODE STANDARD FLORIDA BUILDING CODE STANDARD FLORIDA PLUMBING CODE STANDARD FLORIDA PLUMBING CODE
(100A)	DOOR NUMBER - SEE DOOR SCHEDULE	STANDARD FLORIDA MECHANICAL CODEFLORIDA BUILDING CODE 2017 6th ED.STANDARD FLORIDA FUEL GAS CODEFLORIDA BUILDING CODE 2017 6th ED.NFPA 70 NATIONAL ELECTRIC CODE2017 NECFLORIDA FIRE PREVENTION CODE2017 6th ED. & CURRENT ADOPTED CODES & STANDARDS BY THE STATE OF FLORIDA
(100A)	WINDOW NUMBER - SEE WINDOW SCHEDULE	NFPA 1 AND NFPA 101 FLORIDA EDITION 2018 EDITION FLORIDA ACCESSIBILITY CODE FLORIDA BUILDING CODE 2017 6th ED. EXISTING FLORIDA BUILDING CODE FLORIDA BUILDING CODE 2017 6th ED.
1	COLUMN GRID REFERENCE	3. THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE SOILS REPORT. OBTAIN FROM THE OWNER THE CURRENT COPY OF THE SOILS INVESTIGATION REPORT IF NECESSARY.
P-1	PARTITION TYPE - SEE SHEET A000	4. ALL DEBRIS SHALL BE REMOVED FROM THE PREMISES BY THE GENERAL CONTRACTOR AND ALL AREAS SHALL BE LEFT IN A CLEAN CONDITION AT ALL TIMES DURING CONSTRUCTION.
CONC.	FLOOR FINISH TAG	5. IT IS UNDERSTOOD THAT ALL INTENDED WORK IS SUBJECT TO REVIEW AND INTERPRETATION BY THE ADMINISTRATIVE AUTHORITY HAVING JURISDICTION. IN NO CASE SHALL WORK BE PERFORMED WITHOUT THE REVIEW AND WRITTEN
TOP OF BEAM	ELEVATION MARK	 APPROVAL OF SAID AUTHORITY. 6. ALL TRADES SHALL BE RESPONSIBLE FOR ALL FEES RELATED TO THE ISSUE OF TRADE-SPECIFIC PERMITS, INSPECTIONS AND CERTIFICATES NECESSARY FOR THE
	INTERIOR	EXECUTION AND COMPLETION OF THE WORK, AND THE OCCUPANCY OF THE WORK. 7. EXISTING CONDITIONS: THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND
5 A300 3 4	ELEVATION MARK	FIELD- COORDINATE THE CORRECTIVE ACTION AS REQUIRED. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT/DESIGNER OF ALL CONFLICTS AND DISCREPANCIES THAT AFFECT THE WORK PRIOR TO PROCEEDING WITH SAID WORK.
# >	PLAN NOTE NUMBER	8. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS WILL GOVERN. LARGE-SCALE DRAWINGS SHALL GOVERN OVER SMALLER-SCALED DRAWINGS. CONTACT ARCHITECT/DESIGNER TO CONFIRM ALL DISCREPANCIES.
$ \begin{array}{c} $	LOUVER MARK	9. THE ARCHITECT/DESIGNER SHALL NOT BE HELD RESPONSIBLE FOR WORK PERFORMED NOT IN ACCORDANCE WITH THESE DOCUMENTS NOR FOR MISINTERPRETATION OF THE DRAWINGS, NOR FOR UNSATISFACTORY WORK BY
	REVISION MARK	CONTRACTOR. 10.CONFIRM ALL DIMENSIONS WITH PLANS AND IN FIELD PRIOR TO FABRICATION AND/OR CONSTRUCTION
	DETAIL MARK	11.ALL ELECTRICAL AND MECHANICAL INFORMATION CONTAINED IN THESE DRAWINGS IS SOLELY FOR THE PURPOSE OF COORDINATION OF THE ARCHITECT/DESIGNER'S WORK.
	INSULATION	
1 A300 A300	BUILDING SECTION MARK	TERMITE PROTECTION NOTES PER FLORIDA BUILDING CODE 2020 7TH EDITION
		SOIL CHEMICAL BARRIER METHOD
A300	WALL SECTION MARK	 "A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR WATER HEATER OR ELECTRICAL PANEL."
1 A300	DETAIL MARK	2. "CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS."
MATERIALS	LEGEND	3. "IRRIGATION / SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF BUILDING SIDE WALLS."
		4. "TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES." EXCEPTION: PAINT OR DECORATIVE CEMENTITIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL.
ACOUSTI		5. "INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE."
BATT INS	SULATION	6. "SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED."
		7. "BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT
	PLASTER	FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT." 8. "MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAIN
	R OVER METAL LATH	FALL DILUTION. IF RAIN FALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREAT AS REQUIRED."
	SSIBLE FILLER	9. "CONCRETE OVERPOUR AND MORTAR ALONG FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT."
CONCRE	TE TE MASONRY	10. "SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS."
		11. "AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE CHEMICAL BARRIER IS APPLIED, SHALL BE RETREATED."
GLASS		12. "ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT."
GLASS	ROAPD	BY A LICENCE PEST CONTROL COMPANY BE FOR CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: 'THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF
	SULATION	SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH RULES AND LAWS OF THE FLORIDA BUILDING DEPARTMENT OF AGRICULTURE AND CUSTOMER SERVICES."
METAL		14. "AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL."
PLYWOO	D	15. "NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'*0" OF ANY BUILDING OR PROPOSED BUILDING."
WOOD BI		
	IOUS WOOD MEMBER	
	WOOD MEMBER	
	R INSULATION &	
FINISH S	I O I EIVI	

GENERAL NOTES:	PROJECT NOTES
1. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO PREPARATION OF HIS BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH CONDITIONS OF THE CONSTRUCTION AREA AND WORK REQUIRED TO PERFORM THE WORK OF THIS CONTRACT. OBTAIN DIMENSIONS BY CALCULATION, . IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL REQUEST CLARIFICATION FROM THE <u>DO NOT SCALE THE DRAWINGS</u> ARCHITECT PRIOR TO CONTINUING CONSTRUCTION OF THE AREA IN QUESTION.	1. THE SPECIFICATION, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT WRITTEN CONSENT. VISUAL CONTACT WITH THESE PLANS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.
 2. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 1606 OF THE 2020 FLORIDA BUILDING CODE. 3. ALL DIMENSION ARE TAKEN FROM FACE OF MASONRY OR STUD UNLESS 	2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE OWNER PRIOR TO BEGINNING WORK. CONTRACTORS SHALL VERIFY AND BE
 4. ALL CONDUIT, PIPING, AND DUCTWORK PENETRATING ANY RATED ASSEMBLY; FLOOR, CEILING OR WALL SHALL HAVE AN APPROVED FIRE 	RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS
 5. ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE LOCATED ON SITE PER ARCHITECTURAL OR CIVIL DRAWINGS. 	 THE PLANS SHOW THE LOCATION OF ALL FIXTURES AND EQUIPMENT AND ARE INTENDED TO CONVEY THE GENERAL INTENT OF THE WORK IN SCOPE AND LAYOUT. THEY ARE NOT INTENDED TO SHOW IN MINUTE DETAIL EVERY AND ALL ACCESSORIES INTENDED FOR THE PURPOSE
 6. ALL LUMBER IN CONTACT WITH THE SOIL, CONCRETE, MASONRY, OR AS INDICATED OR REQUIRED SHALL BE PRESSURE PRESERVATIVE TREATED. 	OF EXECUTION OF THE WORK, BUT IS UNDERSTOOD THAT SUCH DETAILS ARE PART OF THIS WORK.
7. ALL EXTERIOR STEEL STUD CONSTRUCTION SHALL BE MINIMUM 20 GAGE WITH A MAXIMUM SPACING OF 24" O.C. ALL INTERIOR STEEL STUD CONSTRUCTION SHALL BE MINIMUM 25 GAGE WITH A MAXIMUM SPACING OF 24" O.C. WITH NO EXCEPTION	 NO WORK IS TO BE INSTALLED PRIOR TO THE SUBMISSION AND APPROVAL OF APPROPRIATE AND REQUIRED SHOP DRAWINGS, SAMPLES, ETC. AS DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE AND
OF 24" O.C. WITH NO EXCEPTION 8. AT ALL PERIMETER STOREFRONT WINDOW FRAMING PROVIDE CLOSED END FLAT POCKET FILLER.	 THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE AND FINISHED PRODUCT. ANY ITEMS NOT SPECIFIED, OR IDENTIFIED, BUT REQUIRED TO COMPLETE AN ASSEMBLY, SYSTEM, ETC. SHALL BE CONSIDERED PART OF THIS CONTRACT.
9. AT ALL PERIMETER STOREFRONT FRAME ASSEMBLIES PROVIDE MIN. 1/2" SHIM. STOREFRONT TO BE CLEANED OF ALL FOREIGN DEBRIS, I.E. STUCCO, PRIOR TO SEALANT APPLICATION.	6. THE CONTRACTORS SHALL COORDINATE AND ASSURE THEMSELVES THAT ALL ITEMS OF WORK WILL FIT AND FUNCTION IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS AND THAT INDIVIDUAL
10. HIGH PERFORMANCE STOREFRONT WINDOW SILL TO BE EXTRUDED ALUMINUM WITH CLOSED END PAN.	PIECES OF THE SAME AND DIFFERENT SYSTEMS WILL PROPERLY FUNCTION IN CONFORMANCE WITH THE MANUFACTURER AND INDUSTRY STANDARD REQUIREMENTS.
 SEE FLOOR PLANS AND REFLECTED CEILING PLANS FOR SPECIFIC ELEVATIONS AND DETAILS. INSTALL THRESHOLDS AT ALL EXTERIOR DOORS, AT FIRE RATED DOORS, 	7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE, INSIDE OR OUTSIDE THE LIMIT OF WORK DUE TO OPERATIONS. THE CONTRACTOR SHALL RESTORE ALL DAMAGED AREAS OR ITEMS TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
 AND DOORS BETWEEN AIR CONDITIONED & NON AIR CONDITIONED SPACES AND WHERE MATERIALS CHANGE ON EITHER SIDE. 13. ALL SOFFIT SYSTEMS, ROOF SYSTEMS AND WINDOW SYSTEMS TO MEET 	THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY PROTECTION AS REQUIRED TO PROPERLY SECURE THE BUILDING FROM INTRUDERS, ANIMALS, AND THE ELEMENTS.
ALL UPLIFT AND SHAPE CRITERIA AS REQUIRED BY CODES. 14. SPECIFICATIONS AND REQUIREMENTS INDICATED ON STRUCTURAL ,	8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EXISTING MATERIAL OR SYSTEM INTEGRATED WITH SCOPE OF WORK FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS AND OBJECTIVES
MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS ARE CONSIDERED MINIMUM ACCEPTABLE CRITERIA AND MAY BE SUPERCEDED BY MORE STRINGENT CRITERIA REQUIRED AS PART OF ARCHITECTURAL DOCUMENTS. CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR ANY POSSIBLE CONFLICTS OR DISCREPANCIES PRIOR TO COMMENCING THE SPECIFIC WORK.	 OF THIS PROJECT. ALL CLEARANCES AND CONFLICTS OF ANY AND ALL CONSTRUCTION; FRAMING/MECHANICAL/ PLUMBING/ELECTRICAL/ ETC REQUIRED SHALL BE ADJUSTED FOR PROPER FIT, ACCESSIBILITY AND FUNCTION. 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF
 CONTRACTOR TO COORDINATE AND VERIFY ALL EXTERIOR WALL CONTROL AND EXPANSION JOINTS PRIOR TO THE COMMENCEMENT OF SPECIFIC WORK. 	ALL TRADES NOT IDENTIFIED, INDICATED OR DESCRIBED IN THE DRAWINGS. INDIVIDUAL CONTRACTORS SHALL BE RESPONSIBLE FOR THE CONFORMANCE OF THEIR DESIGN AND EXECUTION TO ALL APPLICABLE LOCAL, STATE AND FEDERAL BUILDING CODES AND
 16. ALL GLASS TO BE TEMPERED PER CODE ADJACENT TO DOORS, ETC. 17. PROVIDE DURAROCK TILE BACKER BOARD @ ALL LOCATIONS SCHEDULED FOR TILE FINISH 	ORDINANCES, ZONING BYLAWS AND GOVERNING AGENCIES AS WELL AS OSHA, NFPA AND THE HEALTH ACTS. THE CONTRACTOR SHALL COORDINATE ALL N.I.C., OWNER SUPPLIED, AND FURNISHED ITEMS AS REQUIRED.
18. PROVIDE VINYL BASE @ ALL WALLS UNLESS OTHERWISE SPECIFIED/NOTED.	10. THE CONTRACTOR SHALL WORK IN A CLEAN, ORGANIZED, AND PROFESSIONAL MANNER AND SHALL BE RESPONSIBLE FOR MAINTAINING THE SAFETY AND SECURITY OF THE SITE DURING
19. PROVIDE CASING BEADS @ ALL STUCCO AND DRYWALL TRANSITIONS TO DIFFERENT MATERIAL. PROVIDE SEALANT JOINT W/ BACKER ROD OR BOND BREAK. TYPICAL UNLESS NOTED OTHERWISE.	CONSTRUCTION. 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF TRASH FROM THE SITE, ON A WEEKLY BASIS, AT A MINIMUM, AND
 20. PROVIDE CORNER BEADS @ ALL STUCCO & DRYWALL RETURNS. 21. EXTEND ALL NON BEARING WALLS TO 4" ABOVE FINISH CEILING UNLESS NOTED OTHERWISE 	MAINTAIN A SAFE AND ORDERLY CONDITION. 12. MATERIALS SPECIFIED ARE FOR CONFIGURATION, QUALITY, AND PERFORMANCE. DEMONSTRATED EQUALS WILL BE AMENABLE AND
22. PROVIDE CONTROL JOINTS BETWEEN DIFFERENT CONSTRUCTION TYPES. I.E. METAL FRAMING AND C.I.P. OR C.M.U. CONSTRUCTION.	ACCEPTABLE WITH OWNER'S WRITTEN APPROVAL (UNLESS OTHERWISE NOTED IN CONTRACT DOCUMENTS. 13. COORDINATE ALL DIMENSIONS OR EQUIPMENT AND BUILT IN ITEMS
23. ALL FINISHES SHALL BE PROTECTED WHERE INDICATED AS FINAL FINISH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS TO PRODUCE A UNIFORM FINISH.	WITH FINAL PLACEMENT LOCATIONS AS-BUILT CONDITIONS. 14. ALL MATERIAL SHALL BE INSTALLED IN STRICT ACCORDANCE WITH
24. PROVIDE STEEL TROWEL FINISH AT ALL BEAM DETAILS, WINDOW SILLS AND UPPER ROOF AND COLUMN CAPS UNLESS NOTED OTHERWISE.	MANUFACTURERS SPECIFICATIONS AND RELATED TRADE PRACTICES OR STANDARDS. THE PREPARATIONS AND MODIFICATIONS OF UNDERLYING CONDITIONS SHALL BE COMPLETE AND READY FOR THE NEXT TRADE OR PRODUCT. ALL WORK SHALL BE IN CONFORMANCE
 25. EXTERIOR PAINT - 2 COLOR LOCATIONS - TO BE DETERMINED BY ARCHITECT/OWNER. 26. ARCHITECT SHALL BE INDEMNIFIED, HELD HARMLESS FOR ANY HURT, 	WITH GOOD TRADE PRACTICE AND PERFORMED BY SKILLED WORKERS, TRAINED IN THE IINSTALLATION OF THE PRODUCT BEING INSTALLED. WORK NOT CONFORMING TO THESE REQUIREMENTS SHALL BE CAUSE FOR REJECTION. SATISFACTORY REMEDIES MAY
LOSS, OR DAMAGE DUE TO ANY AND ALL OWNER FINISH SELECTIONS. 27. CONTROL OF CONSTRUCTION SITE: KEESEE ASSOCIATES (KA) AND/OR	INVOLVE COMPLETE REMOVAL AND REPLACEMENT OF DEFECTIVE WORK OR MATERIAL AT THE CONTRACTORS EXPENSE .
ENGINEER OF RECORD (EOR) HAVE NO CONTROL OVER THE CONSTRUCTION SITE, INCLUDING VENTILATION OF THE BUILDING AND THEREBY ASSUME NO RESPONSIBILITY FOR THE INDOOR AIR QUALITY, OR THE EFFECTS THEREOF, FOR ANY REASON. KA AND/OR EOR HAS NO	15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED DRAWINGS, CALCULATIONS AND DIAGRAMS FOR PLUMBING, MECHANICAL AND ELECTRICAL PERMITS AND TO INSTALL REQUIRED COMPONENTS TO MEET ALL APPLICABLE CODES.
DUTY OR OBLIGATION UNDER THIS AGREEMENT OR OTHERWISE TO PROTECT THE RESIDENCE, EXISTING BUILDINGS AND ANY ADJOINING SPACES OR SITES, CONSTRUCTION SITE, MATERIALS, EQUIPMENT, OR ANY OTHER THING, FROM MOISTURE, MOLD, FUNGUS, FIRE, THEFT, ANDALISM, TRESPASS, OR ANY OTHER PERIL OR CONDITION, AT ANY TIME, EXPRESSLY INCLUDING, BUT NOT LIMITED TO, THE PERIOD OF TIME	16. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED DRAWINGS, CALCULATIONS, DIAGRAMS AND CERTIFICATION FOR CONTRACTOR SUPPLIED SYSTEMS FOR REQUIRED PERMITTING AND AS REQUIRED TO MEET ALL APPLICABLE CODES.
DURING THE CONSTRUCTION OF THE PROJECT, OR AFTER CONSTRUCTION AND KA AND/OR EOR HAS NO DUTY TO TAKE ANY ACTION OR PREVENTIVE MEASURES TO PROTECT UCH PROPERTY AGAINST ANY SUCH PERIL AT	
ANY TIME FOR ANY REASON.	18. THE CONTRACTOR IS ADVISED THAT THE OWNER AND OTHER CONTRACTORS MAY BE PERFORMING WORK DURING THE PERFORMANCE OF HIS WORK. COMPLETE COOPERATION AND COORDINATION IS REQUIRED.
	19. ANY CONTRACTOR, SUBCONTRACTOR, INDIVIDUAL, COMPANY, OR THEIR DESIGNEES PERFORMING WORK OR SERVICES FOR THIS PROJECT, BE IT FOR MATERIALS, LABOR OR BOTH SHALL BE RESPONSIBLE FOR THE DETAILED EXAMINATION OF EXISTING CONDITIONS AT THE SITE, AS INDICATED IN DRAWINGS, OR IN OTHER INFORMATION AVAILABLE FROM A PUBLIC AGENCY OR UTILITY COMPANY. NO CONSIDERATION SHALL BE GIVEN FOR CLAIMS MADE AS A RESULT OF FAILURE TO UNDERSTAND, IDENTIFY OR ESTABLISH EXISTING CONDITIONS. ANY DAMAGE TO EXISTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REPAIRED AT HIS OWN EXPENSE.
	20. THE CONTRACTOR SHALL SUPPLY ALL ITEMS IDENTIFIED TO BE PROVIDED IN THE SPECIFICATIONS OR THE DRAWING INDEPENDENT OF BEING INDICATED WITHIN THE OTHER.
	21. CONTRACTOR TO PROVIDE 'UTILIGUARD SYSTEM' ENERGY

21. CONTRACTOR TO PROVIDE 'UTILIGUARD SYSTEM' ENERGY MANAGEMENT SYSTEMS OR APPROVED EQUAL ON ALL ELECTRICAL POWER PANELS FOR ENERGY/GREEN SYSTEMS.

A002





LEGEND			
SYMBOL	DISTRIBUTION	NOTES	
	(1) HOUR FIRE RATED WALL	UL #465 FOR STUI UL #905 FOR CMU SEE SHT. A104	
← →	PATH OF TRAVEL		
UXXX	UL DESIGN NO.	SEE SHT. A104	
FE	FIRE EXTINGUISHER - G.C. TO COORDINATE FINAL LOCATION WITH FIRE MARSHALL	l	
\bigotimes	EXIT LIGHT SIGN, REF. ELECTRICAL		
EM	EMERGENCY LIGHTING CEILING PACK, REF. ELECTRICAL		
	EMERGENCY LIGHTS		
EACH 3'-0" DOOR ALLOWS 180 PERSONS TO EXIT/PER NFPA (TYP.) EACH 6'-0" DOOR ALLOWS 360 PERSONS TO EXIT/PER NFPA (TYP.)			

EXIT

-RAISED BORDER

-5/8" MIN. - 2" MAX HIGH RAISED CHARACTERS

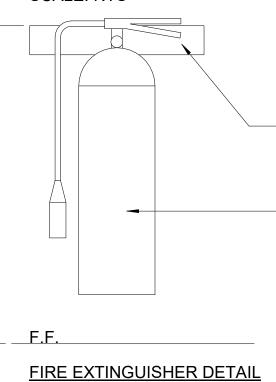
-GRADE 2 BRAILLE (TYP.)

SIGNS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 101, SECT 7.10.1.3 AND ICC/ANSI A117.1, SECT 703.3-703.4

NOTE:

1. ALL COPY AND GRAPHICS SHALL BE RAISED 1/32" 2. LETTER FORM SHALL BE SANS SERIF

EXIT DOOR IDENTIFICATION DETAIL SCALE: NTS



SCALE: NTS

NOTE: GC TO COORD. TYPE AND LOCATION OF ALL FIRE EXTINGUISHERS WITH LOCAL FIRE CHIEF PRIOR TO INSTALLATION

-PROVIDE WALL BLOCKING SUPPORT WHERE REQUIRED

-WALL MOUNTED EXTINGUISHER AMEREX MODEL #2160 WITH MOUNTING BRACKET LOCATED IN KITCHEN, IN PUBLIC AREAS PROVIDE AS INDICATED ON PLANS LB-4A60BC FIRE EXTINGUISHERS WITH MOUNTING BRACKET (COORDINATE LOCATIONS WITH FIRE MARSHALL)

404.2.4.1 SWINGING DOORS AND GATES SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.1

TABLE 404.2.4.1

MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS AND GATES

TYPE OF USE		MINIMUM MANEU	JVERING CLAREN
APPROACH DIRECTION	DOOR OR GATE SIDE	PERPENDICULAR TO DOORWAY	PARALLEL TO (BEYOND LA UNLESS
FROM FRONT	PULL	60 INCHES (1525 mm)	18 INCHES
FROM FRONT	PUSH	48 INCHES (1220 mm)	0 INCHES
FROM HINGE SIDE	PULL	60 INCHES (1525 mm)	36 INCHES
FROM HINGE SIDE	PULL	54 INCHES (1370 mm)	42 INCHES
FROM HINGE SIDE	PUSH	42 INCHES (1065 mm) ²	22 INCHES
FROM LATCH SIDE	PULL	48 INCHES (1220 mm) ⁴	24 INCHES
FROM LATCH SIDE	PUSH	42 INCHES (1065 mm) ⁴	24 INCHES
1. ADD 12 INCHES (305	mm) IF CLOSER AND LA	TCH ARE PROVIDED.	NOTE:

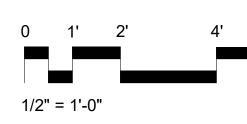
1. ADD 12 INCHES (305 mm) IF CLOSER AND LATCH ARE PROVIDED.

2. ADD 6 INCHES (150 mm) IF CLOSER AND LATCH ARE PROVIDED.

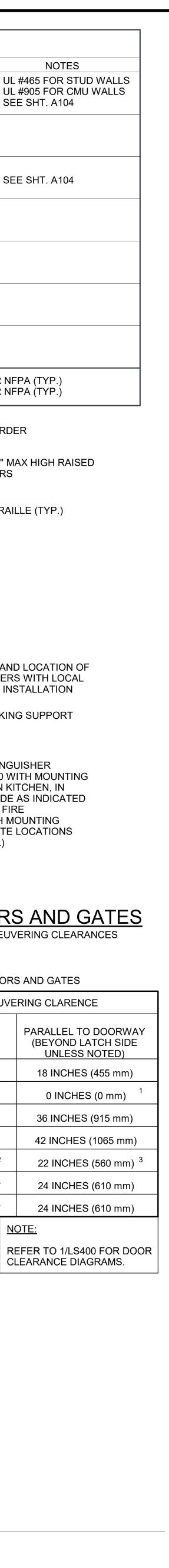
3. BEYOND HINGE SIDE.

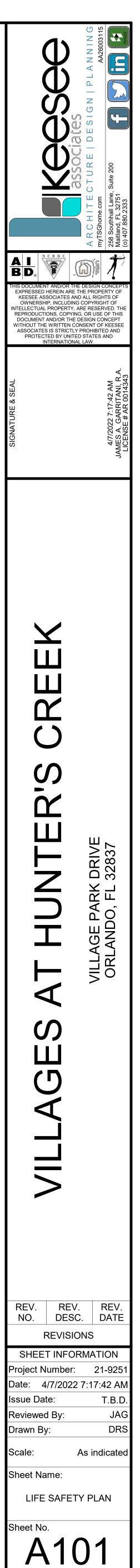
4. ADD 6" (150 mm) IF CLOSER IS PROVIDED.

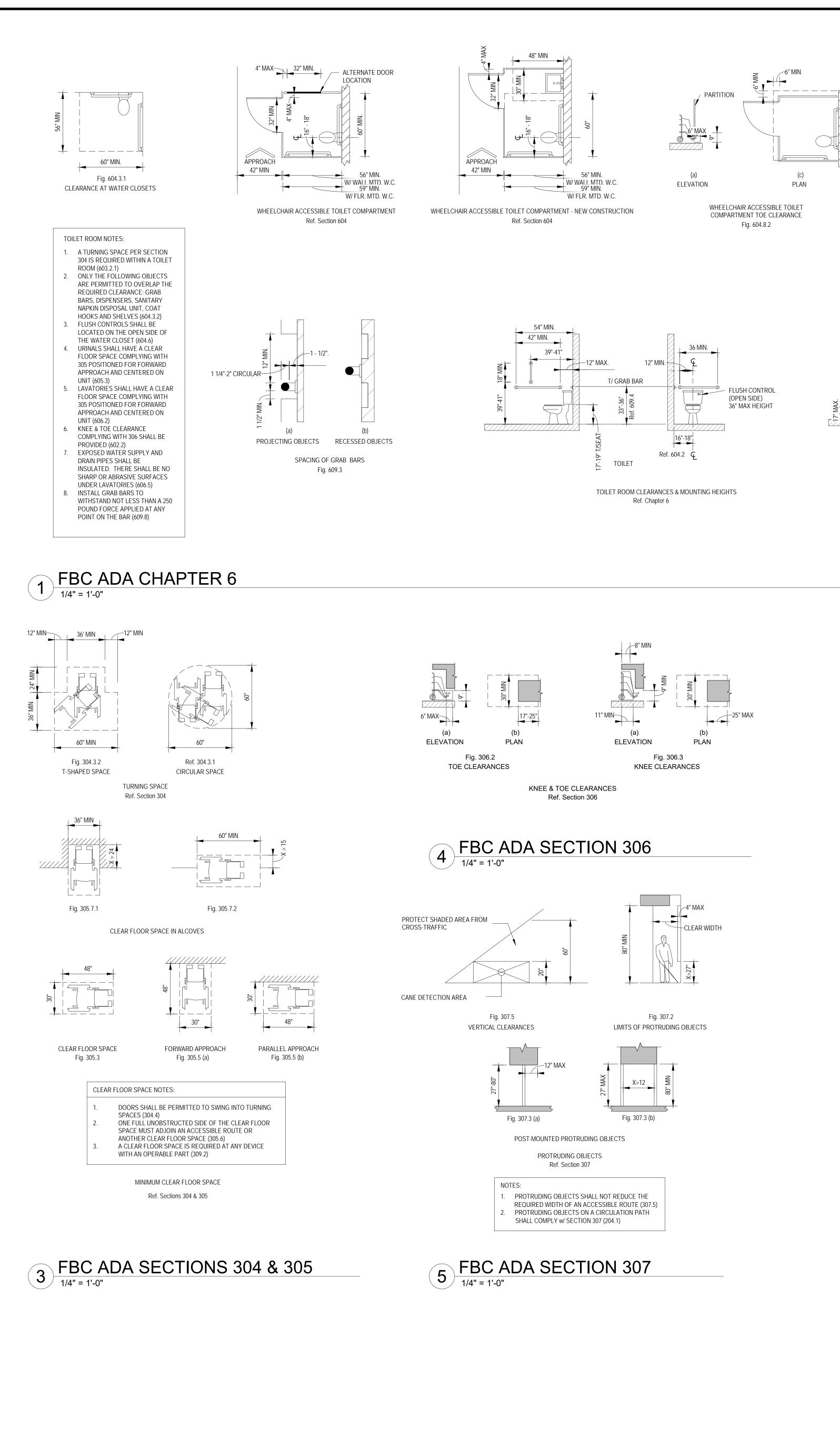




6'

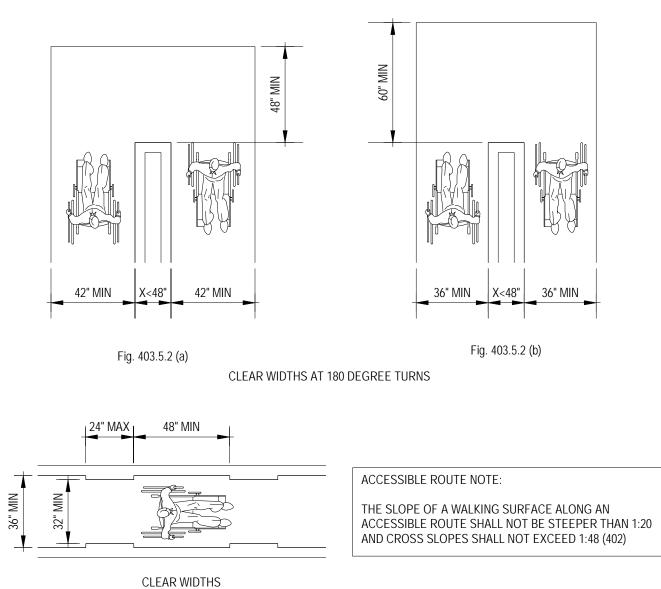






7 FBC ADA SECTION 402

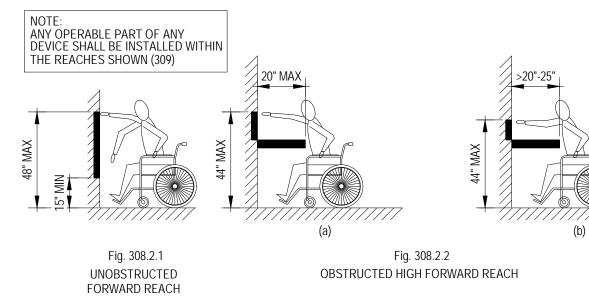
Fig. 403.5.1

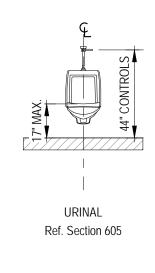


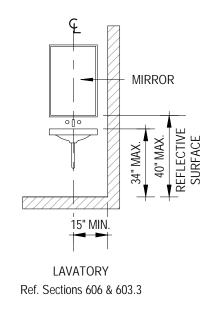
ACCESSIBLE ROUTE

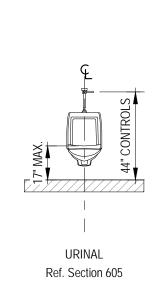
Ref. Section 402

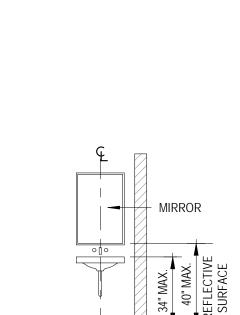
6 FBC ADA SECTION 308



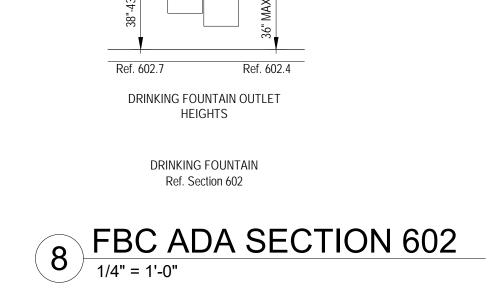


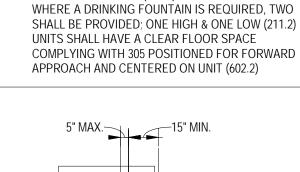






APPROACH





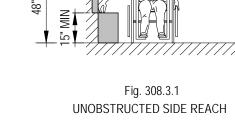
DRINKING FOUNTAIN SPOUT LOCATION

Fig. 602.5

CLEAR

FLOOR SPACE

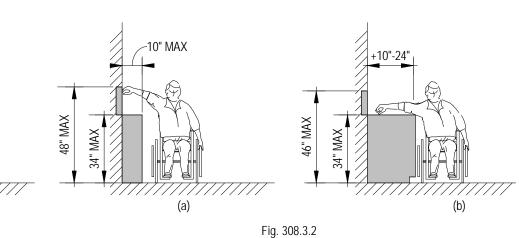
DRINKING FOUNTAIN NOTES: KNEE & TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED (602.2). WHERE A DRINKING FOUNTAIN IS REQUIRED, TWO SHALL BE PROVIDED; ONE HIGH & ONE LOW (211.2)



REACH RANGES

Ref. Section 308

-10" MA



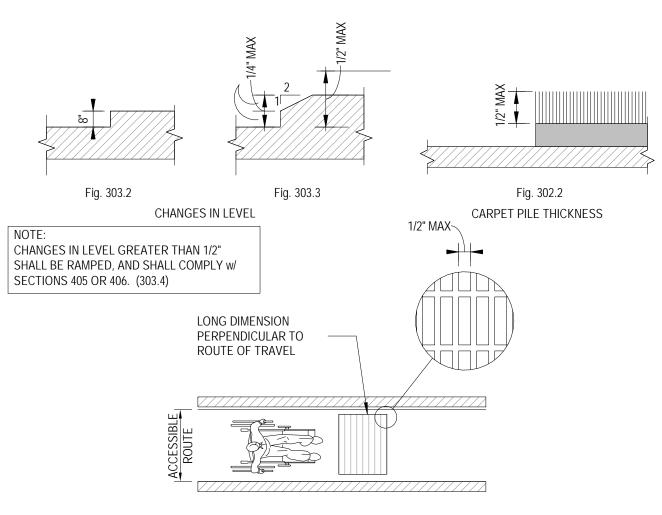
OBSTRUCTED HIGH SIDE REACH

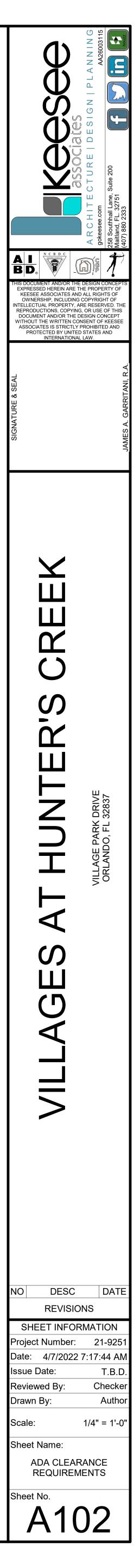
2 FBC ADA SECTIONS 302 & 303

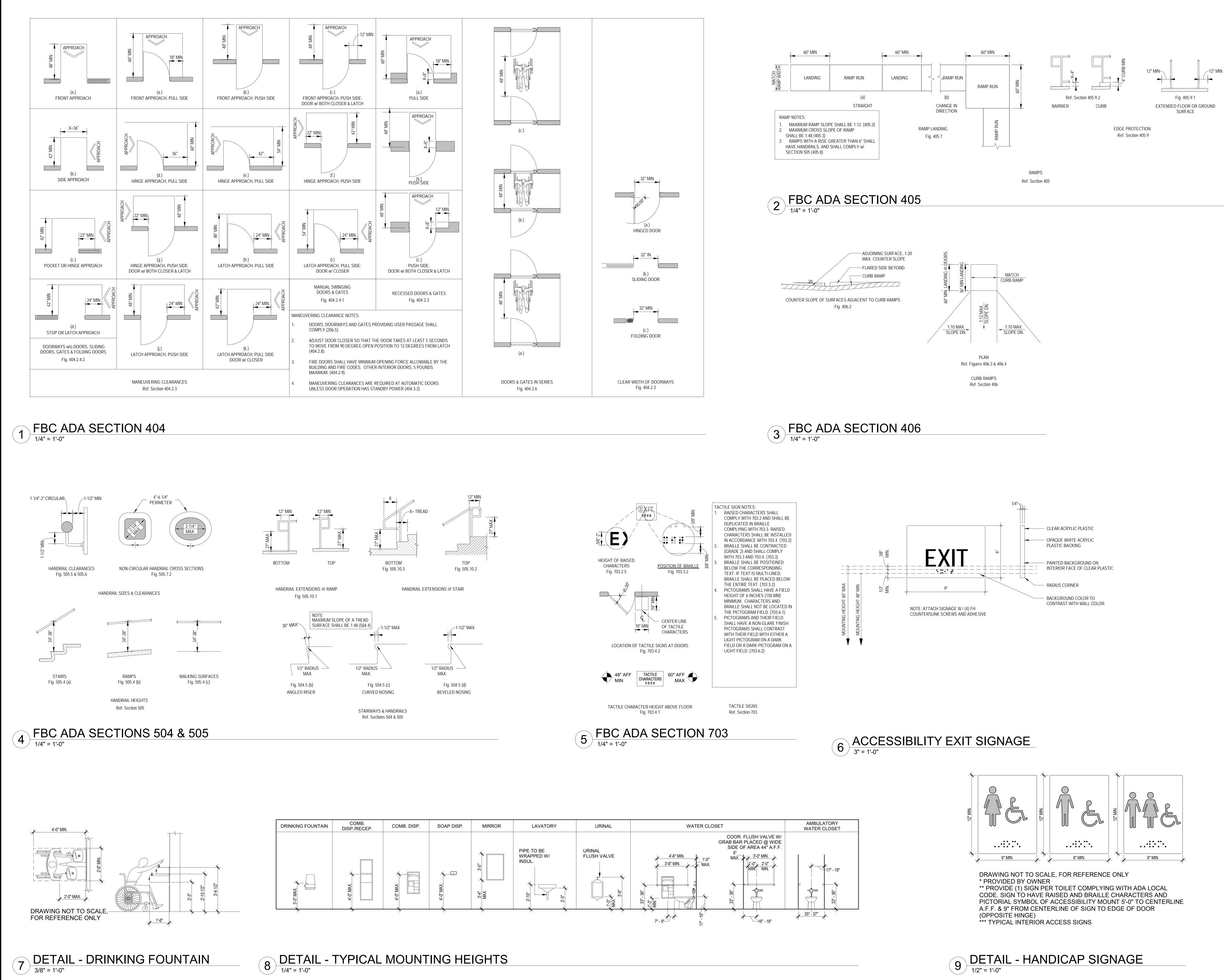
LONG DIMENSION PERPENDICULAR TO ROUTE OF TRAVEL OPENINGS IN FLOOR OR GROUND SURFACE Ref. Section 302.3

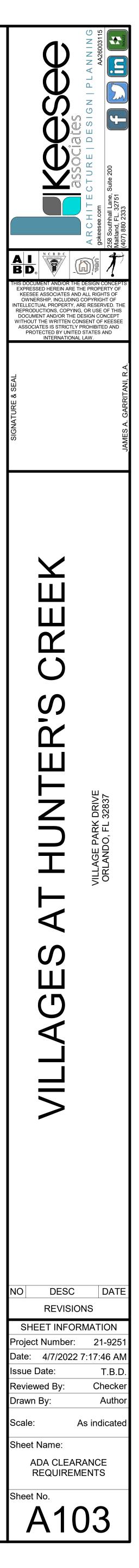
FLOOR & GROUND SURFACES

Ref. Sections 302 & 303









FIRE-RESISTANCE DESIGN fa Assembly Usage Disclaimer b BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States D BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada D	2D. Framing Members* — Steel Studs — As an alter — For use with Item 1D and 4G only, channel shaped abricated from min 0.018 in. thick galv steel, spaced a be cut 1/2 in. less than assembly height.
Assembly Usage Disclaimer BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada	De cul 1/2 m. less than assembly height.
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada	CLARKDIETRICH BUILDING SYSTEMS — CD ProS
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States	MFCWBS L L C — ProSTUD
Design Criteria and Allowable Variances	RAM SALES L L C — Ram ProSTUD
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances Design No. U465	STEEL STRUCTURAL PRODUCTS L L C — Tri-S P
September 18, 2019	2E. Framing Members* — Steel Studs — As an alte
- fa	For use with Item 1E and 4I only, channel shaped s abricated from min 0.018 in. thick galv steel, spaced a be cut 1/2 in. less than assembly height.
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada),	TELLING INDUSTRIES L L C — TRUE-STUD™
	2F. Framing Members* — Steel Studs — As an alter — For use with Item 1F, channel shaped studs, min 3-
	nin 25 MSG steel, spaced a max of 24 in. OC. Studs assembly height. KIRII (HONG KONG) LTD — Type KIRII
	2G. Framing Members* — Steel Studs — Not Show
	hrough 2F — For use with Item 1G. Proprietary chann 3-5/8 in. wide, Studs to be cut 1/2 in. less than the ass STUDCO BUILDING SYSTEMS — CROCSTUD
1. Floor and Ceiling Runners — (Not Shown) — Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. 2	2H. Framing Members* — Steel Studs — Not Show
1A. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an 3 alternate to Item 1 — Channel shaped, min 3-5/8 in. deep, attached to floor and 3 ceiling with fasteners 24 in OC max in	use with Item 1I, proprietary channel shaped steel stu 3-5/8 in. deep fabricated from min 0.020 in. thick galv n length than assembly height.
ceiling with fasteners 24 in. OC. max. ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20	TELLING INDUSTRIES L L C — Viper20™
1 of 22 9/27/2019, 7:47 AM6 of 22	
U465 - BXUV.U465 - UL Product Spec http://productspec.ul.com/document.php?id=BXUV.U465U465 - BXUV.U465 - UL P	
CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type C SUPREME D24/30EQD and Type SUPREME D20 3	21. Framing Members* — Steel Studs — In lieu of Ite shannel shaped studs, fabricated from min 25 MSG co i-5/8 in. deep (min), spaced 24 in. OC max. Studs to b was mable basis.
	Issembly height. B METAL INC — NITROSTUD
2	2J. Framing Members* — Steel Studs — In lieu of It , channel shaped studs, fabricated from min 25 MSG
and Type SUPREME D20 3	-5/8 in. deep (min), spaced 24 in. OC max. Studs to b issembly height. DLMAR SUPPLY INC — PRIMESTUD
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20	K Framing Mombore* - Stool Stude - As an alte
UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type	K. Framing Members* — Steel Studs — As an alter with Item 1B (3-5/8 in. wide track), channel shaped stu MSG corrosion-protected steel, 1-1/4 in. wide by 3-5/8 /4 in. OC. Studs to be cut 3/8 to 3/4 in. less than asse
	MARINO/WARE, DIV OF WARE INDUSTRIES INC -
of Item 1 — For use with Item 2B, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in, deep fabricated from min 0.020 in, thick galy steel, attached	L. Framing Members* — Steel Studs — As an alter with Item 1J, channel shaped studs, min 3-5/8 in. wide
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track in a S	n. thick galv steel, spaced a max of 24 in. OC. Studs t issembly height. STEEL INVESTMENT GROUP L L C — AlphaSTUD
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track	
	2M. Framing Members* — Steel Studs — Not Show use with Item 1K, proprietary channel shaped steel stu- nin 3-5/8 in. deep, fabricated from min 25 MSG (0.018 hickness), Studs cut 3/4 in. less in length than assem
	hickness). Studs cut 3/4 in. less in length than assem CALIFORNIA EXPANDED METAL PRODUCTS CO -
min denth to accommodate stud size with min 1 in long lens attached to floor	N. Framing Members* — Steel Studs — Not Shown use with Item 1L, proprietary channel shaped steel stu
and ceiling with fasteners spaced max 24 in. OC.	 -5/8 in. deep fabricated from min 0.020 in. thick galven in length than assembly height. CRACO MFG INC — SmartStud20™
of Items 1 through 1C — For use with Item 2D and 4G only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.	
CLARKDIETRICH BUILDING SYSTEMS - CD ProTRAK	 Batts and Blankets* — (Optional) — Mineral wool or completely filling stud cavity.
2 of 22 U465 - BXUV.U465 - UL Product Spec http://productspec.ul.com/document.php?id=BXUV.U465U465 - BXUV.U465 - UL P	Product Spec htt
	See Batts and Blankets (BZJZ) category
	Classified companies. A. Fiber, Sprayed* — As an alternate to Batts and B
B W RAM SALES L L C — Ram ProTRAK	Borate Formulation) — Spray applied cellulose materia vater to completely fill the enclosed cavity in accordar instructions supplied with the product with a nominal d
A	Alternate Application Method: The fiber is applied with nominal dry density of 3.5 lb/ft ³ , in accordance with the supplied with the product.
U a 1E. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu	J S GREENFIBER L L C — INS735, INS745, INS750 application. INS765LD and INS773LD are to be used to
of Items 1 through 1D — For use with Item 2E and 4I only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.	B. Fiber, Sprayed* — As an alternate to Batts and B
TELLING INDUSTRIES L L C — TRUE-TRACK™ a SI A A b	surfaces in accordance with the application instruction Applied to completely fill the enclosed cavity. Minimum per cubic ft.
	IU-WOOL CO INC — Cellulose Insulation
and aciling with feateness analad 24 in OC may	C. Fiber, Sprayed* — As an alternate to Batts and B applied cellulose fiber. The fiber is applied with water t
e D	nclosed cavity in accordance with the application inst product. The minimum dry density shall be 4.30 lbs/ft ³ NTERNATIONAL CELLULOSE CORP — Celbar-RL
deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24	
deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24	D. Batts and Blankets* — For use with Item 8. Nom of mineral wool batts, friction fit between the studs an See Batts and Blankets (BZJZ) category
deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24	ocf mineral wool batts, friction fit between the studs an See Batts and Blankets (BZJZ) category manufacturers.
11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Show = Shaped, fabricated 3 11. Show = Shaped, fabricated 3 11. Show = Shaped, fabricated from min 0.02 in. galv 3 11. Show = Shaped to floor and ceiling with fasteners spaced max 24 in. OC. 3 11. Shaped to floor and ceiling with fasteners spaced max 24 in. OC. 3 11. Shaped to floor and ceiling with fasteners spaced max 24 in. OC. 3 11. Shaped to floor and ceiling with fasteners spaced max 24 in. OC. 3 11. Shaped to floor an	 bcf mineral wool batts, friction fit between the studs and See Batts and Blankets (BZJZ) category is manufacturers. bE. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be Marking as to Surface Burning Characteristics and/or between the study of the study
11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated 3 11. State = Construction of the state stude size, with min 1 in. 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv 3 11. State = Div Of the stude specified below and fabricated from min 0.02 in. galv<	 bcf mineral wool batts, friction fit between the studs and See Batts and Blankets (BZJZ) category is manufacturers. BE. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be Marking as to Surface Burning Characteristics and/or 1 See Batts and Blankets (BKNV or BZJZ) of Classified companies.
10 b) Items 1 through 1P — Por use with item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max. STUDCO BUILDING SYSTEMS — CROCSTUD Track 3 1H. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC. MAPPINOWAPE DIV OF WAPE INDUSTRIES INC — Viper201M Track V1100	 acf mineral wool batts, friction fit between the studs and See Batts and Blankets (BZJZ) category manufacturers. BE. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be Marking as to Surface Burning Characteristics and/or I See Batts and Blankets (BKNV or BZJZ) of Classified companies. BF. Fiber, Sprayed* — As an alternate to Batts and Blapplied cellulose material. The fiber is applied with wa enclosed cavity in accordance with the application institution of the state of the s
Open String Trinologin TP — Portuge with tem 2, chainled shaped runners, 1-1/4 m. deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max. STUDCO BUILDING SYSTEMS — CROCSTUD Track 1H. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC. MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20 TM Track VT100 FUSION BUILDING PRODUCTS — Viper20 TM Track VT100 IMPERIAL MANUFACTURING GROUP INC — Viper20 TM Track VT100	 bef mineral wool batts, friction fit between the studs and See Batts and Blankets (BZJZ) category manufacturers. be Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be Marking as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. be F. Fiber, Sprayed* — As an alternate to Batts and Blapplied cellulose material. The fiber is applied with was
B of 222 9/27/2019, 7:47 AM8 of 22	 acf mineral wool batts, friction fit between the studs and See Batts and Blankets (BZJZ) category in manufacturers. BE. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be Marking as to Surface Burning Characteristics and/or I See Batts and Blankets (BKNV or BZJZ) of Classified companies. BF. Fiber, Sprayed* — As an alternate to Batts and Blapplied cellulose material. The fiber is applied with wa enclosed cavity in accordance with the application instruction of the material, an betting may be attached by any means possible to the
3 of 22 9/27/2019, 7:47 AM8 of 22 9465 - BXUV:U465 - UL Product Spec 11. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2H, proprietary channel shaped runners, 1-1/4 in. 9/21/2019, 7:47 AM8	 See Batts and Blankets (BZJZ) category manufacturers. E. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be Marking as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blapplied cellulose material. The fiber is applied with was enclosed cavity in accordance with the application instruction graduated by any means possible to the material shall reach equilibrium moisture content before naterials on either face of the studs. The minimum dry
3 of 22 9/27/2019, 7:47 AMS of 22 0 402 9/27/2019, 7:47 AMS of 22 0 405 - BXUV.U465 - UL Product Spec 11. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of l	 See Batts and Blankets (BZJZ) category manufacturers. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be Marking as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blapplied cellulose material. The fiber is applied with wa enclosed cavity in accordance with the application instruction of the material, an etting may be attached by any means possible to the material shall reach equilibrium moisture content before
B of terms T unrough TP — Por use with them 2, transmed runners, 1-174 m, deep by min 3-5/8 in, wide, attached to floor and ceiling with fasteners spaced 24 in, OC max. 3 III. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in, galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studies specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC. 3 MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100 M FUSION BUILDING PRODUCTS — Viper20™ Track VT100 3 IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100 3 B of 22 927/2019, 7:47 AMS of 22 U465 - BXUV.U465 - UL Product Spec http://productspec.ul.com/document.php?id=BXUV.U465U465 - BXUV.U465 - UL Product Spec 11. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with ltem 2H, proprietary channel shaped runners, 1-11/4 in, wide by prin 3-5/8 in, deep fabricated from min 0.020 in, thick galv steel, attached to floor and ceiling with fasteners spaced 24 in, OC max. Tel L ING INDUSTRIES I L C — Viper20 TW Track Attached to floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with ltem 2H, proprietary channel shaped runners, 1-11/4 in, wide be prior 20*** (Prov	 See Batts and Blankets (BZJZ) category manufacturers. Be. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be drawing as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified company of the material, an attribution of the material shall reach equilibrium moisture content before naterials on either face of the studs. The minimum dry posifit³. APPLEGATE HOLDINGS L L C — Applegate Advance attribution and the
a bit lefts Trillogin Tie — For use with item 2, channel shaped runners, 1=1/4 in. 3 deep by min 3-5/8 in. wide, attached to floor and celling with fasteners spaced 24 3 n. OC max. 3 study of the study specified below and fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. 3 long legs, for use with study specified below and fabricated from min 0.02 in. galv 3 steel or thicker, attached to floor and celling with fasteners spaced max 24 in. OC. C. MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100 M FUSION BUILDING PRODUCTS — Viper20™ Track VT100 3 iMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100 3 10. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 24, proprietary channel shaped runners, 1-1/4 in. m wide by min 3-5/8 in. wide fabricated from min 0.02 in. thick galv steel, attached to floor and ceiling with fasteners = Not Shown — In lieu of Item 1 — For use with Item 2 L, proprietary channel shaped runners, 1-1/4 in. m 10. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2 L, proprietary channel shaped runners, 1-1/4 in. m 11. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 — For use with Item 2 L, proprietary channel shaped runners, 1-1/4 in. A 12. Framing Members* — Floor	 See Batts and Blankets (BZJZ) category manufacturers. Be. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be drawing as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified company of the material, an attribution of the material shall reach equilibrium moisture content before naterials on either face of the studs. The minimum dry posifit³. APPLEGATE HOLDINGS L L C — Applegate Advance attribution and the
3 of 22 9/27/2019, 7:47 AMS of 22 11. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of liem 1 — For use with lem 24, proprietary channel shaped runners, 1-1/4 in. thick galv steel, attached to floor and ceiling Runners with fasteners spaced 24 1.1. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of liem 1 — For use with letm 24, proprietary channel shaped runners, 1-1/4 in. thick galv steel, attached to floor and ceiling Runners = Not Shown — In lieu of liem 1 — For use with liem 24, proprietary channel shaped runners, 1-1/4 in. Steel of how and ceiling Runners — Not Shown — In lieu of liem 1 — For use with liem 24, proprietary channel shaped runners, 1-1/4 in. Steel or bit Steel or bit fasteners spaced 24 in. OC max. TELL ING INDUSTRIES L L C — AlphaTRAK	 See Batts and Blankets (BZJZ) category manufacturers. Be. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be drawing as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified company of the material, an attribution of the material shall reach equilibrium moisture content before naterials on either face of the studs. The minimum dry posifit³. APPLEGATE HOLDINGS L L C — Applegate Advance attribution and the
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Def 20 927/2019.7/47 AMI of 22 Provide Start	 See Batts and Blankets (BZJZ) category manufacturers. Be. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be drawing as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified company of the material, an attribution of the material shall reach equilibrium moisture content before naterials on either face of the studs. The minimum dry posifit³. APPLEGATE HOLDINGS L L C — Applegate Advance attribution and the
Open Products Products Set Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners Spaced 24 in Numbers* — Floor and Ceiling With Tasisners* = Not Shown — In lieu of Items 1 — For use with Item 24, proprietary channel shaped vinners, 1-1/4 in. deep By Nin 3-5/8 in . deep fabricated from min 0.02 in min. Space 24 in Numbers* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 — For use with Item 24, proprietary channel shaped vinners, 1-1/4 in. deep By Nin 3-5/8 in . deep fabricated from min 0.02 in mic. 10. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 — For use with Item 24, proprietary channel shaped vinners, 1-1/4 in. deep by Nin 3-5/8 in . wide fabricated from min 0.018 in. Thick galv steel, attached to for and ceiling Runners — Not Shown — In lieu of Items 1 — For use with Item 24, proprietary channel shaped vinners, 1-1/4 in. deep by Nin 3-5/8 in . wide fabricated from min 0.018 in. Thick galv steel, attached to for and ceiling Runners — Not Shown — In lieu of Items 1 — For use with Item 24, proprietary channel shaped vinners, 1-1/4 in. deep by Nin 3-5/8 in. wide fabricated from min 25 MS (0.0018 in. min. bare mater 24 in .02 max. 10. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 — For use with Item 24, proprietary channel shaped ru	 See Batts and Blankets (BZJZ) category manufacturers. Be. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be drawing as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified company of the material, an attribution of the material shall reach equilibrium moisture content before naterials on either face of the studs. The minimum dry posifit³. APPLEGATE HOLDINGS L L C — Applegate Advance attribution and the
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Image by minding in the T-Point between them 2, classifies stateshed to floor and celling with fastieners spaced 24 in (No C max. 3 STUDCO BUILDING SYSTEMS — CROCSTUD Track 3 IH. Floor and Celling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in, galv steel, min width to accommodate stud size, with min 1 in the stateshed to floor and celling with fasteners spaced 24 in. OC. 3 IH. Floor and Celling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in, galv steel, min width to accommodate stud size, with min 1 in OC. 3 IN. Floor and Celling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in, galv steel, min width to accommodate stud size, with min 1 in OC. 3 IN. Floor and Celling Runners — Nite Shown — In lieu of liter and the fabricated from min 0.02 in. the stateshed to Runners — Not Shown — In lieu of liter 1 — For use with litern 24, proprietary channel shaped runners, 1-1/4 in middle by min 3-5/8 in. deep fabricated from min 0.02 in, hick galv steel, attached to the store and celling Runners — Not Shown — In lieu of liters 1 — For use with litern 24, proprietary channel shaped runners, 1-1/4 in	 See Batts and Blankets (BZJZ) category manufacturers. Be. Batts and Blankets* — For use with Item 4P, 4R, avities, any min. 3-1/2 in. thick glass fiber insulation be drawing as to Surface Burning Characteristics and/or See Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified companies. F. Fiber, Sprayed* — As an alternate to Batts and Blankets (BKNV or BZJZ) of Classified company of the material, an attribution of the material shall reach equilibrium moisture content before naterials on either face of the studs. The minimum dry posifit³. APPLEGATE HOLDINGS L L C — Applegate Advance attribution and the
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Ids — In lieu of Item 2 — For use with Item from min 25 MSG corrosion-protected steel, DC max. Studs to be cut 3/4 in. less than

uds — As an alternate to Item 2 — For use nannel shaped studs, fabricated from min 25 in. wide by 3-5/8 in. deep, spaced a max of in. less than assembly height. DUSTRIES INC — StudRite™

uds — As an alternate to Items 2 — For use min 3-5/8 in. wide fabricated from min 0.018 24 in. OC. Studs to be cut 3/4 in. less than C — AlphaSTUD

uds — Not Shown — In lieu of Item 2 — For I shaped steel studs, min 1-1/4 in. wide by in 25 MSG (0.018 in. min. bare metal ength than assembly height. PRODUCTS CO — Viper X

Ids - Not Shown - In lieu of Item 2 - For I shaped steel studs, 1-1/4 in. wide by min 020 in. thick galv steel. Studs cut 3/4 in. less

Mineral wool or glass fiber batts partially

(BZJZ) category for names of te to Batts and Blankets (Item 3) - (100% I cellulose material. The fiber is applied with cavity in accordance with the application with a nominal dry density of 2.7 lb/ft³. per is applied without water or adhesive at a cordance with the application instructions INS745, INS750LD for use with wet or dry

D are to be used for dry application only ate to Batts and Blankets (Item 3) — Spray The fiber is applied with water to interior cation instructions supplied with the product d cavity. Minimum dry density of 4.3 pounds

ate to Batts and Blankets (Item 3) — Spray plied with water to completely fill the e application instructions supplied with the nall be 4.30 lbs/ft³

with Item 8. Nom 3 in. thick, minimum 3.4 veen the studs and floor and ceiling runners. (BZJZ) category for names of

with Item 4P, 4R, and 4S. Placed in stud s fiber insulation bearing the UL Classification acteristics and/or Fire Resistance. (BKNV or BZJZ) Categories for names

ate to Batts and Blankets (Item 3) - Sprayis applied with water to completely fill the the application instructions supplied with the f the material, any thin, woven or non-woven ns possible to the outer face the studs. The

9/27/2019, 7:47 AM¹³ of 22 http://productspec.ul.com/document.php?id=BXUV.U465 - BXUV.U465 - UL Product Spec ture content before the installation of The minimum dry density shall be 5.79

Applegate Advanced Stabilized Cellulose

USG MEXICO S A DE C V — Types AR, IP-AR 4C. Gypsum Board* — As an alternate to Items 4, 4A, and 4B — Nom. 5/8 in. thick gypsum panels, with square edges, applied horizontally. Gypsum panels fastened to framing with 1 in. long bugle head steel screws spaced a max 8 in. OC, with last 2 screws 3/4 in. and 4 in. from each edge of board. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered or backed by steel framing. 9/27/2019, 7:47 AM12 of 22 http://productspec.ul.com/document.php?id=BXUV.U465U465 - BXUV.U465 - UL Product Spec 9/27/2019, 7:47 AM17 of 22 http://productspec.ul.com/document.php?id=BXUV.U465U465 - BXUV.U465 GEORGIA-PACIFIC GYPSUM L L C — Type DGG, GreenGlass Type X

GEORGIA-PACIFIC GYPSUM L L C — Types DAP, DAPC, DGG, DS

Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air

THAI GYPSUM PRODUCTS PCL — Type X, Type C

compound, Item 5, optional for use with Type USGX)

UNITED STATES GYPSUM CO — Types AR, IP-AR

optional for use with Type USGX)

with Type USGX)

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air,

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2,

IPC-AR, SCX, SHX, WRC, WRX, USGX (Joint tape and compound, Item 5,

USG BORAL DRYWALL SFZ LLC — Types C, SCX, USGX (Joint tape and

USG MEXICO S A DE C V — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX,

SHX, USGX, WRC or WRX (Joint tape and compound, Item 5, optional for use

4B. Gypsum Board* — (As an alternate to Items 4 or 4A) — Nom 3/4 in. thick, 4

ft wide, installed as described in Item 4A with screw length increased to 1-1/4 in. CGC INC — Types AR, IP-AR

4D. Gypsum Board* — As an alternate to Items 4, 4A, 4B, and 4C — Nom. 5/8 in. thick gypsum panels applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1 in. long Type S steel screws 12 in. OC along vertical edges and in the field. Screws spaced a max 12 in. along the top and bottom edges of the wall for both vertical and horizontal applications. When used in widths other than 48 in., gypsum panels to be installed horizontally. **NATIONAL GYPSUM CO** — Types eXP-C, FSK, FSK-C, FSK-G, FSL, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSMR-C

4E. Gypsum Board* — (As an alternate to Items 4 through 4D) — Installed as described in Item 4. 5/8 in. thick, 4 ft. wide, applied vertically only and fastened to the study and plates with 1 in. long, Type S steel screws spaced, 12 in. OC. NATIONAL GYPSUM CO — Type SBCB

4F. Gypsum Board* — (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C) - Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. RAY-BAR ENGINEERING CORP — Type RB-LBG

4G. **Gypsum Board*** — (As an alternate to Items 4 through 4F) — For use with Items 1D and 2D only, 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type

NATIONAL GYPSUM CO — Types FSW

UNITED STATES GYPSUM CO — Type SCX

USG BORAL DRYWALL SFZ LLC — Type SCX

LGFC6A, LGFC-C/A

4H. Gypsum Board* — (As an alternate to Items 4 through 4G) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

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4I. Gypsum Board* — (As an alternate to Items 4 through 4F) — For use with Items 1E and 2E only, 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly UNITED STATES GYPSUM CO — Type SCX

USG BORAL DRYWALL SFZ LLC - Type SCX

4J. Gypsum Board* — (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C) — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A). MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

4K. Gypsum Board* — (As an alternate to Item 4 and 4A, not for use with Items 1D, 1E, 2D and 2E) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 4 and 4A. CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

4L. Gypsum Board* — (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C). Nom 5/8 in. thick lead backed gypsum panels with beveled,

14 of 22 9/27/2019, 7:47 AM http://productspec.ul.com/document.php?id=BXUV.U465U465 - BXUV.U465 - UL Product Spec ft wide, attached to steel studs and floor and teel screws spaced 8 in. OC. along edges of e board. Joints oriented vertically and ssembly. When attached to Items 6 (resilient

urring channels), gypsum board is screw long, Type S steel screws spaced 12 in. Type X, 5/8 Type X, Type Blueglass Exterior

AG-C, AGX-1, M-Glass, LightRoc ALS PUBLIC LTD CO — Type DBX-1

-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC tem 5, optional for use with Type USGX)

pes 1, EGRG, GlasRoc, Type X, Type X-1, ite Type X-2

CTS OPERATING CO, L L C — Types -WD, LGLLX

- Types 5, 6, 9, C, DAP, DD, DA, DAPC, eer Plaster Base - Type X, Water Rated -Type X, TG-C, GreenGlass Type X, Type X sum Board, Type LWX, Veneer Plaster WX, Sheathing Type-LWX, Soffit-Type LWX, W, Sheathing Type- DGLW, Soffit-Type Base - Type LW2X, Water Rated - Type

Type LW2X, Type DGL2W, Water Rated -XP-C, FSK, FSK-C, FSK-G, FSMR-C, FSW-

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W-6, FSW-8, FSL

Saudi Arabia — Type FR, or WR C, DBA PABCO GYPSUM — Types PG-C, staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f. Grade "C" RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

square or tapered edges, applied vertically. Vertical joints centered over studs and

4M. Gypsum Board* --- (For use with Item 8) --- 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 8) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 8). Secured to outermost studs and floor and ceiling runners with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IP-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C - Type LGFC-

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM - Type PG-C

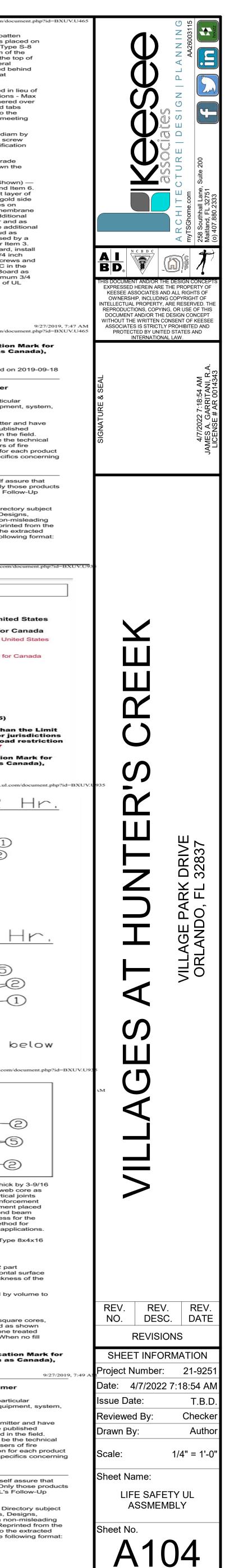
PANEL REY S A — Types PRC, PRC2

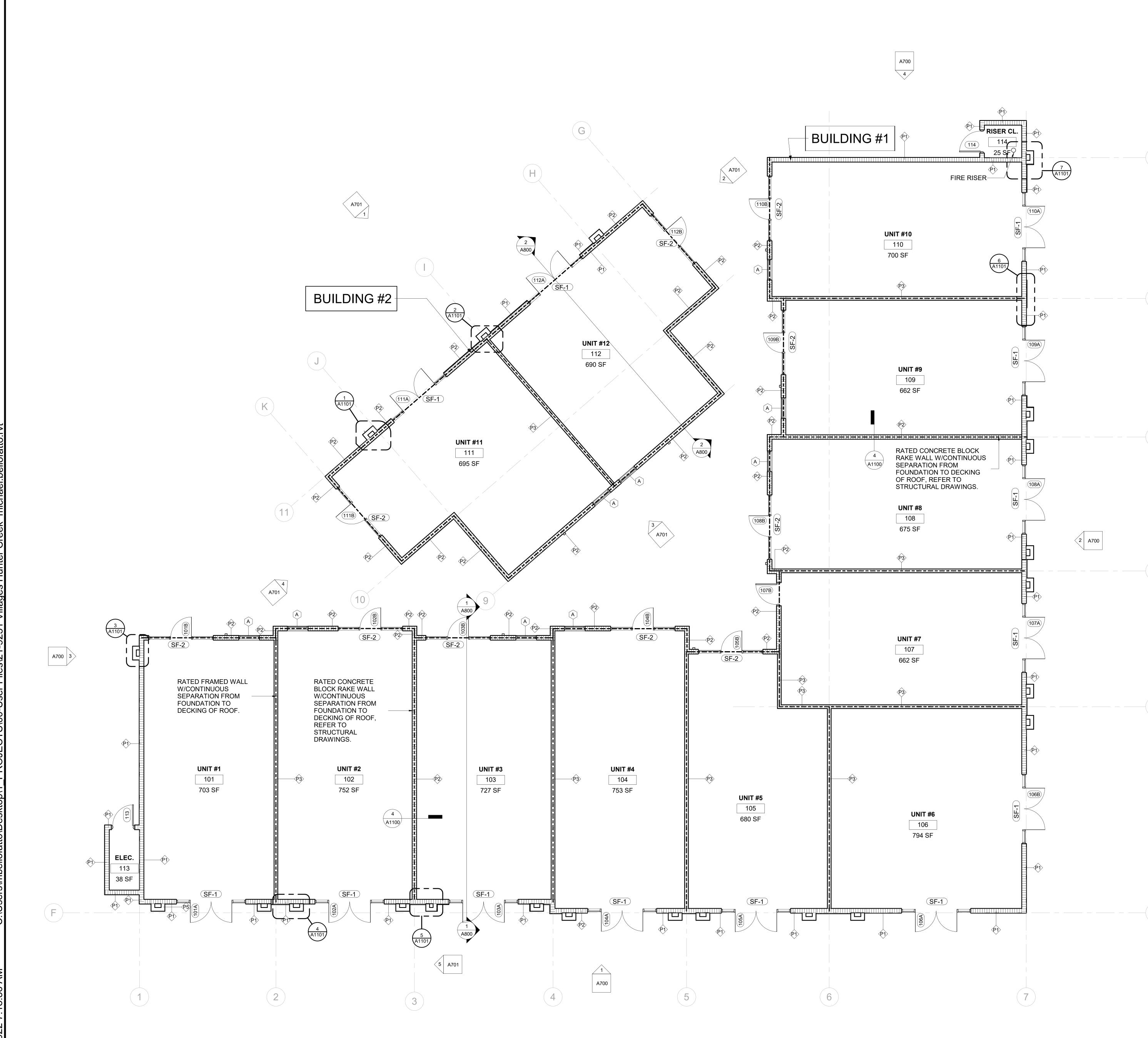
SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc

FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air THAI GYPSUM PRODUCTS PCL — Type C	9A. Lead Batten Strips — (Not Shown, for use with Item 4J) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4J) and optional at
UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR USG BORAL DRYWALL SFZ LLC — Type C	remaining stud locations. 10. Lead Discs or Tabs — (Not Shown, For Use With Item 4E) — Used in lieu of or in addition to the lead batten strips (Item 8) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs
USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR	placed on gypsum boards (Item 4E) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". 10A. Lead Discs — (Not Shown, for use with Item 4J) — Max 5/16 in. diam by
 4N. Wall and Partition Facings and Accessories* — (As an alternate to Item 4) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527 	 max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D". 11. Adhesive — Not Shown — (For use with Item 8) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the
4O. Gypsum Board* — As an alternate to Items 4, 4A, 4B, and 4C — Two layers Nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Horizontal joints on the same side need not be staggered. When applied horizontally, both layers of gypsum board fastened to each side of framing with 1 in. long Type S steel screws spaced 8 in. OC and	length of both vertical edges of Mineral and Fiber Board (Item 8). 12. Wall and Partition Facings and Accessories* — (Optional, Not Shown) — For use with Items 1 to 11, Items 2 to 2J, Item 3, Items 4 to 4I, Item 5 and Item 6. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 4 to Item 4I), install RefleXor membrane with the gold side facing outwards. Membrane installed with T50 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When RefleXor membrane is used an additional
staggered 4 in. OC between layers. When applied vertically, both layers of gypsum board fastened to each side of framing with 1 in. long Type S steel screws spaced 8 in. OC along vertical edges and 12 in. OC in the field, staggered 4 in. OC between layers. Screws spaced a max 12 in. along the top and bottom edges of the wall. NATIONAL GYPSUM CO — Type FSW	layer of Gypsum Board that is identical to the one used in the first layer and as specified in Item 4 to Item 4I shall be installed over the membrane. The additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 4 to Item 4I except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 3.
4P. Gypsum Board* — As an alternate to Item 4. For use with Item 3E, Batts and Blankets* — 5/8 in. thick, 4 ft wide, installed as described in Item 4. UNITED STATES GYPSUM CO — Types ULIX	On the other side of the wall, prior to the installation of the Gypsum Board, install Resilient Channels as per Item 6. Over the Resilient Channels install 3/4 inch thick SONOpan panel secured to the Resilient Channels with drywall screws and washers spaced at 16 in. OC on the perimeter of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 4 to Item 41 with the fastener length increased by minimum 3/4
4Q. Gypsum Board* — 3/4 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track as described in Item 4 with screw length increased to min. 1- 1/8 in.	inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board. MSL — RefleXor membrane, SONOpan panel
9/27/2019, 7:47 AM 5 - UL Product Spec http://productspec.ul.com/document.php?id=BXUV.U465	U465 - BXUV.U465 - UL Product Spec http://productspec.ul.com/document.php?id=BXUV.U
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-13 4R. Gypsum Board* — As an alternate to Item 4D. For use with Item 3E, Batts and Blankets* — 5/8 in. thick, 4 ft wide, installed as described in Item 4.	 Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2019-09-18
 NATIONAL GYPSUM CO — Type FSLX. 4S. Gypsum Board* — As an alternate to Item 4. For use with Item 3E, Batts and Blankets* — 5/8 in. thick, 4 ft wide, installed as described in Item 4A. 	Design/System/Construction/Assembly Usage Disclaimer Authorities Having Jurisdiction should be consulted in all cases as to the particular
4T. Wall and Partition Facings and Accessories* — (As an alternate to 5/8 in.	 requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials. Authorities Having Jurisdiction should be consulted before construction. Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
thick board as outlined in Item 4) — Nominal 1-3/8 in. thick, 4 ft wide panels, applied vertically or horizontally. Fastened with #6 x 2 in. long drywall screws spaced 8 in. OC along the perimeter and 12 in. OC in the field. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 545	 When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction. Only products which bear UL's Mark are considered Certified.
5. Joint Tape and Compound — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.	The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product. UL permits the reproduction of the material contained in the Online Certification Directory subject
 6. Resilient Channel — (Optional — Not Shown) — 25 MSG galv steel resilient channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 pan head steel screws. May not be used with Item 4F, 4J or 4L. 6A. Steel Framing Members* — (Not Shown) — As an alternate to Item 6, furring channels and Steel Framing Members as described below: 	to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".
a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and	UL and the UL logo are trademarks of UL LLC © 2019 All Rights Reserved. U935 - BXUV.U935 - UL Product Spec http://productspec.ul.com/document.php?id=BXU
tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Not for use with Items 4F, 4J, or 4L.	FIRE-RESISTANCE DESIGN Assembly Usage Disclaimer
5 - UL Product Spec 9/27/2019, 7:47 AM http://productspec.ul.com/document.php?id=BXUV.U465	
 b. Framing Members* — Used to attach furring channels (Item a) to studs (Item 2). Clips spaced 48 in. OC., and secured to studs with 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels. PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75) 	See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances Design No. U935 September 23, 2009
6B. Framing Members* — (Not Shown) — (Optional on one or both sides) — As an alternate to Item 6, furring channel and Steel Framing Members as described below:	Bearing Wall Rating — 1-1/2 or 4 Hr (See Item 5) Nonbearing Wall Rating — 1-1/2 or 4 Hr (See Item 5) This design was evaluated using a load design method other than the Limit
 a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J, or 4L. b. Steel Framing Members* — Used to attach furring channels 	States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7 * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.
(Item 6Ba) to studis (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studis with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. PLITEQ INC — Type Genie Clip	U935 - BXUV.U935 - UL Product Spec http://productspec.ul.com/document.php?id=B $\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{i=1}^{$
6C. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel. 	<u>System A - 1-1/2 Hr.</u>
Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J, or	
 4L. b. Steel Framing Members* — Used to attach furring channels (Item 6Ca) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips. STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R 	
9/27/2019, 7:47 AM	<u>System B - 4 Hr.</u>
6 - UL Product Spec http://productspec.ul.com/document.php?id=BXUV.U465 6D. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:	
 a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 6Db. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J, or 4L. 	
 b. Steel Framing Members* — UUsed to attach furring channels (Item 6Da) to studs. Clips spaced 48 in. OC, and secured to studs with No.8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. REGUPOL AMERICA — Type SonusClip 	see detail below
 6E. Steel Framing Members* — (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below: a. Resilient Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels 	U935 - BXUV.U935 - UL Product Spec http://productspec.ul.com/document.php?id=BXU
overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 4. Not for use with Items 4F, 4J, or 4L.	
 b. Steel Framing Members* — Used to attach resilient channels (Item 6Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw. KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip 	
7. Wall and Partition Facings and Accessories* — (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed	 Clay Masonry Units* — Hollow clay bricks, measuring 7-1/2 in. thick by 3-9/16 in. high by 15-1/2 in. long, with two main square cores and a center web core as shown in the above illustration. Bricks laid in mortar (Item 2) with vertical joints staggered. Bricks reinforced vertically and horizontally with rebar reinforcement (Item 4) and grout (Item 3) spaced 40 in. OC max. Vertical reinforcement placed
between the steel framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type	in cells that align vertically and horizontal reinforcement placed in body beam stretcher units that align horizontally. The allowable compressive stress for the hollow clay bricks shall be determined using the empirical design method for hollow clay brick found in the model codes. Suitable for exterior use applications. Investigated to ANSI/UL 263 only. INTERSTATE BRICK CO — Type 8x4x16 Atlas stretcher units and Type 8x4x16 Atlas bond beam stretcher units.
9/27/2019, 7:47 AM http://productspec.ul.com/document.php?id=BXUV.U465 QuietRock QR-500 and QR-510	
8. Mineral and Fiber Board* — (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to studs and floor and ceiling runners with 1-5/8 in. long Type S steel screws, spaced 12 in. OC and 24	 face shell. Bed joint and head joint thickness nom 1/2 in. 3. Grout — Grout consisting of 1 part Portland cement, 3 parts sand by volume to 2 parts pea gravel by volume. 4. Rebar Reinforcement — Min. 5/8 in. diameter steel rebar.
in. OC along all intermediate framing. The required UL Classified gypsum board layer (Item 4M) is to be installed over the Mineral and Fiber Boards. Batts and Blankets, Item 3D, and Adhesive, Item 11, are required. HOMASOTE CO — Homasote Type 440-32	5. Loose Masonry Fill — When all core spaces and voids — main square cores, center web cores, head joints, and voids above the webs — are filled as shown with grout, water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation, Bearing/Non-Bearing Wall Rating is 4 hr. When no fill material is used, Bearing/Non-Bearing Wall Rating is 1-1/2 hr.
8A. Mineral and Fiber Board — (Optional, Not Shown) — For optional use as an additional layer on one side of wall - Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 4). Fiber boards installed	* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada),
with 1-1/4 in. long, Type S steel screws spaced 12 in. OC max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 4) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board. Not evaluated for use with Item 4M.	3 of 4 9/27/2019, 7 Design/System/Construction/Assembly Usage Disclaimer • Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system,
BLUE RIDGE FIBERBOARD INC — SoundStop 8B. Mineral and Fiber Board* — (Optional, Not Shown) — For optional use as	 requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials. Authorities Having Jurisdiction should be consulted before construction. Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to studs and floor and ceiling runners with 1-5/8 in. long Type S steel screws, spaced 12 in. OC and 24 in. OC along all intermediate framing. The required UL Classified gypsum board layer is to be installed over the Mineral and Fiber Boards and secured to studs with length of fasteners increased by 1/2 in. over the length specified for	 When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction. Only products which bear UL's Mark are considered Certified.
installation of the gypsum boards. Batts and Blankets, Item 3, are optional unless otherwise required. Not for use with Items 4F, 4J, 4L, and 4M. HOMASOTE CO — Homasote Type 440-32	Only products which bear UL's Mark are considered Certified. The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.
9. Lead Batten Strips — (Not Shown, For Use With Item 4E) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips	UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted
meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum board (Item 4E) and optional at remaining stud locations. Required behind vertical joints.	material. In addition, the reprinted material must include a copyright notice in the following format: "© 2019 UL LLC".

9/27/2019, 7:47

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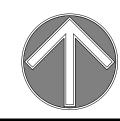




AREA TABULATION		
ROOM NUMBER	ROOM NAME	Area
101	UNIT #1	703 SF
102	UNIT #2	752 SF
103	UNIT #3	727 SF
104	UNIT #4	753 SF
105	UNIT #5	680 SF
106	UNIT #6	794 SF
107	UNIT #7	662 SF
108	UNIT #8	675 SF
109	UNIT #9	662 SF
110	UNIT #10	700 SF
111	UNIT #11 6	
112	UNIT #12	690 SF
113	ELEC.	38 SF
114	RISER CL.	25 SF
BLDG1	BUILDING #1	7701 SF
BLDG2	BUILDING #2	1523 SF
WALL TYPE LEGEND		
	TYP. EXT. BLOCK WALL	
	UL U 935 CONC. BLOCK WALL	
	UL U465 FRAMED WALL	

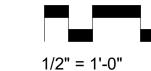
WALL TYPE LEGEN					
	TYP. EXT. BLOCK WALL				
	UL U 935 CONC. BLOCK WA				
	UL U465 FRAMED WALL				



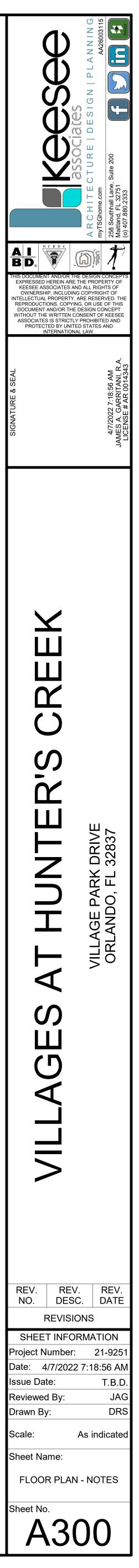


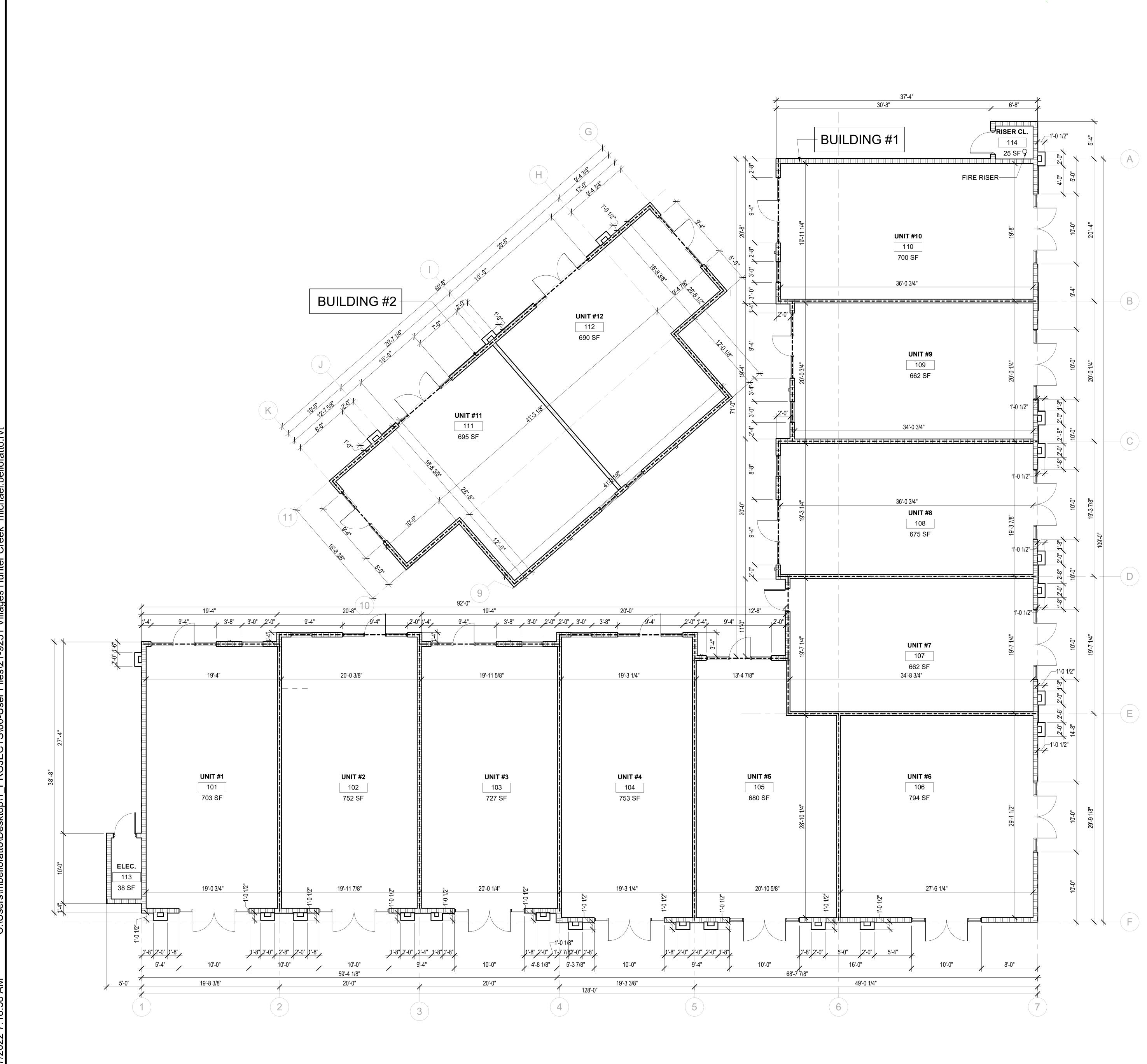
D

F



1' 2'





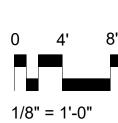
GROSS AREA SCHEDULE						
ROOM NUMBER	ROOM NAME	Area				
101	UNIT #1	703 SF				
102	UNIT #2	752 SF				
103	UNIT #3	727 SF				
104	UNIT #4	753 SF				
105	UNIT #5	680 SF				
106	UNIT #6	794 SF				
107	UNIT #7	662 SF				
108	UNIT #8	675 SF				
109	UNIT #9	662 SF				
110	UNIT #10	700 SF				
111	UNIT #11	695 SF				
112	UNIT #12	690 SF				
113	ELEC.	38 SF				
114	RISER CL.	25 SF				

NOTE: THE RETAIL AREA SHOWN ON THE FLOOR PLAN ARE NET AREA.

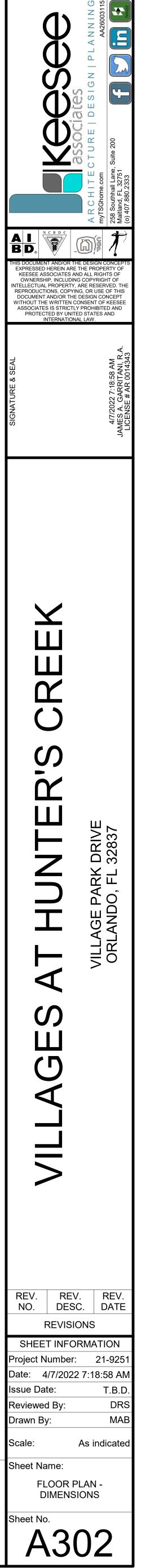
WALL TYPE LEGEND
8" CONCRETE BLOCK
8" CONCRETE BLOCK W/STUCCO FINISH
8" CONCRETE BLOCK W/WOOD CLADDING FIN
INT. METAL STUD WALL WITH GYPSUM BOARI
EXT. METAL STUD WALL WITH STUCCO FINISH
EXT. METAL STUD WALL WITH WOOD CLADDI



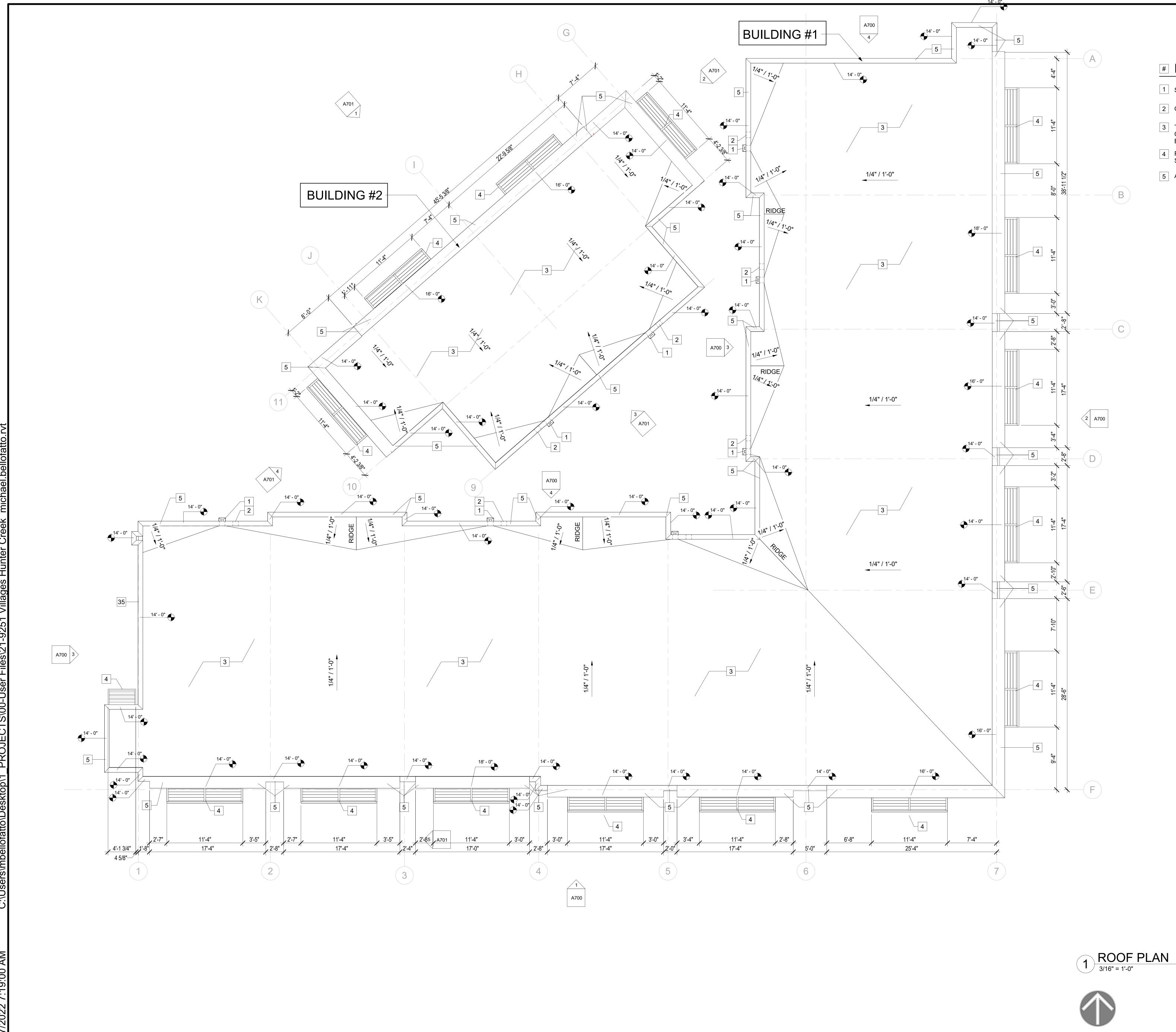




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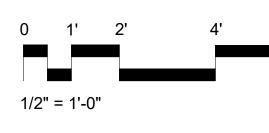


20'

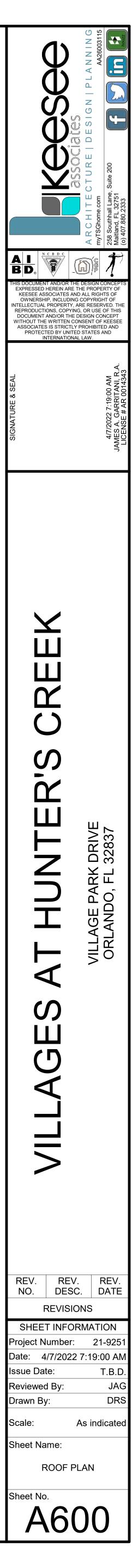


KEYNOTES

- 1 SCUPPER & DOWNSPOUT, REFER TO DETAILS.
- 2 OVERFLOW SCUPPER, REFER TO DETAILS.
- 3 TPO MEMBRANE ON RIGID INSULATION ON CORRUGATED METAL DECKING ON STEEL BEAM STRUCTURE.
- 4 PRE-FABRICATED METAL AWNING BELOW, SHOP DRAWINGS BY MANUFACTURER.
- 5 ALUM. COPING .



6'

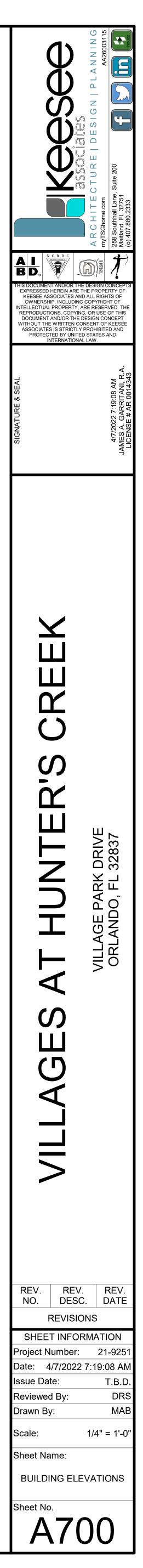


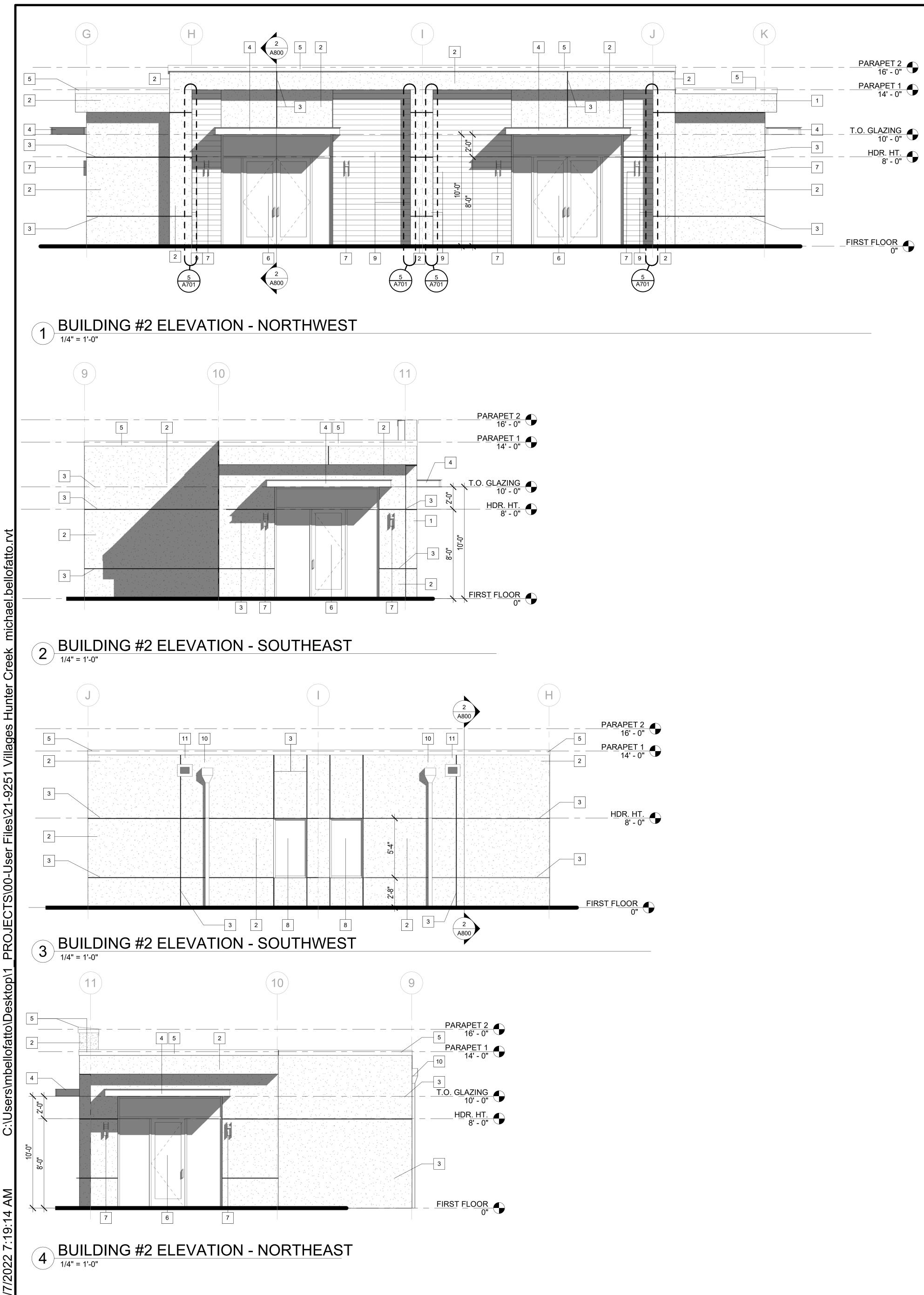


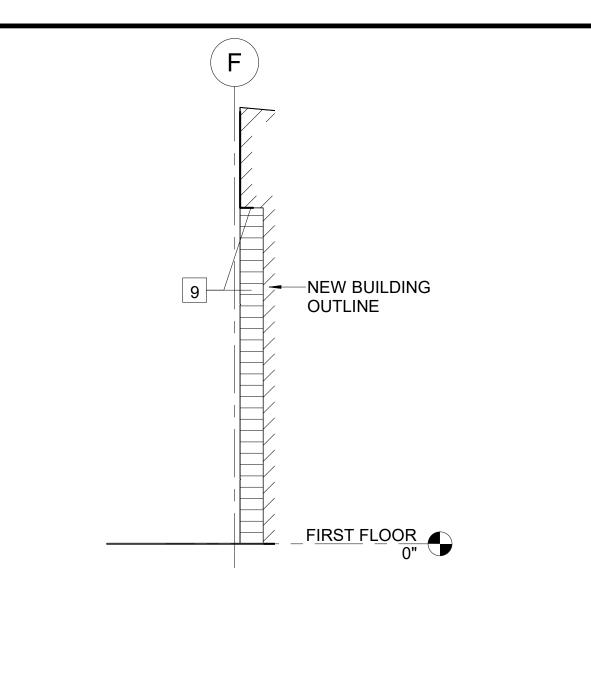
ELEVATION LEGEND

1	STONE VENEER
2	SMOOTH STUCCO FINISH OV BACKED METAL LATH
3	1/2" STUCCO REVEAL
4	PRE FABRICATED METAL CAN OTHERS, G.C. TO COORDINA
5	ALUMINUM COPING W/DRIP E
6	STOREFRONT SYSTEM
7	EXTERIOR LIGHT
8	ALUMINUM WINDOW
9	HARDIE BOARD SIDING
10	SCUPPER & DOWNSPOUT
11	OVERFLOW SCUPPER
12	ALUMINUM COPING TO WRAF OF PARAPETS

HDR. HT. 8' - 0"



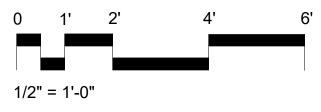


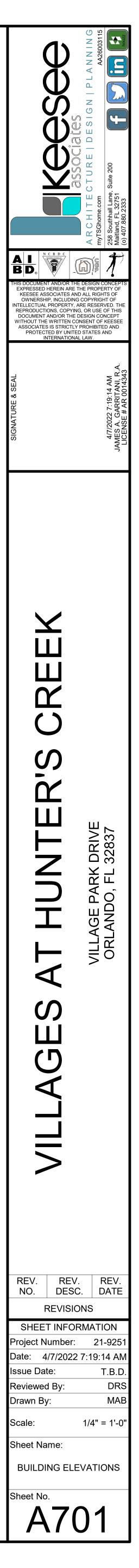


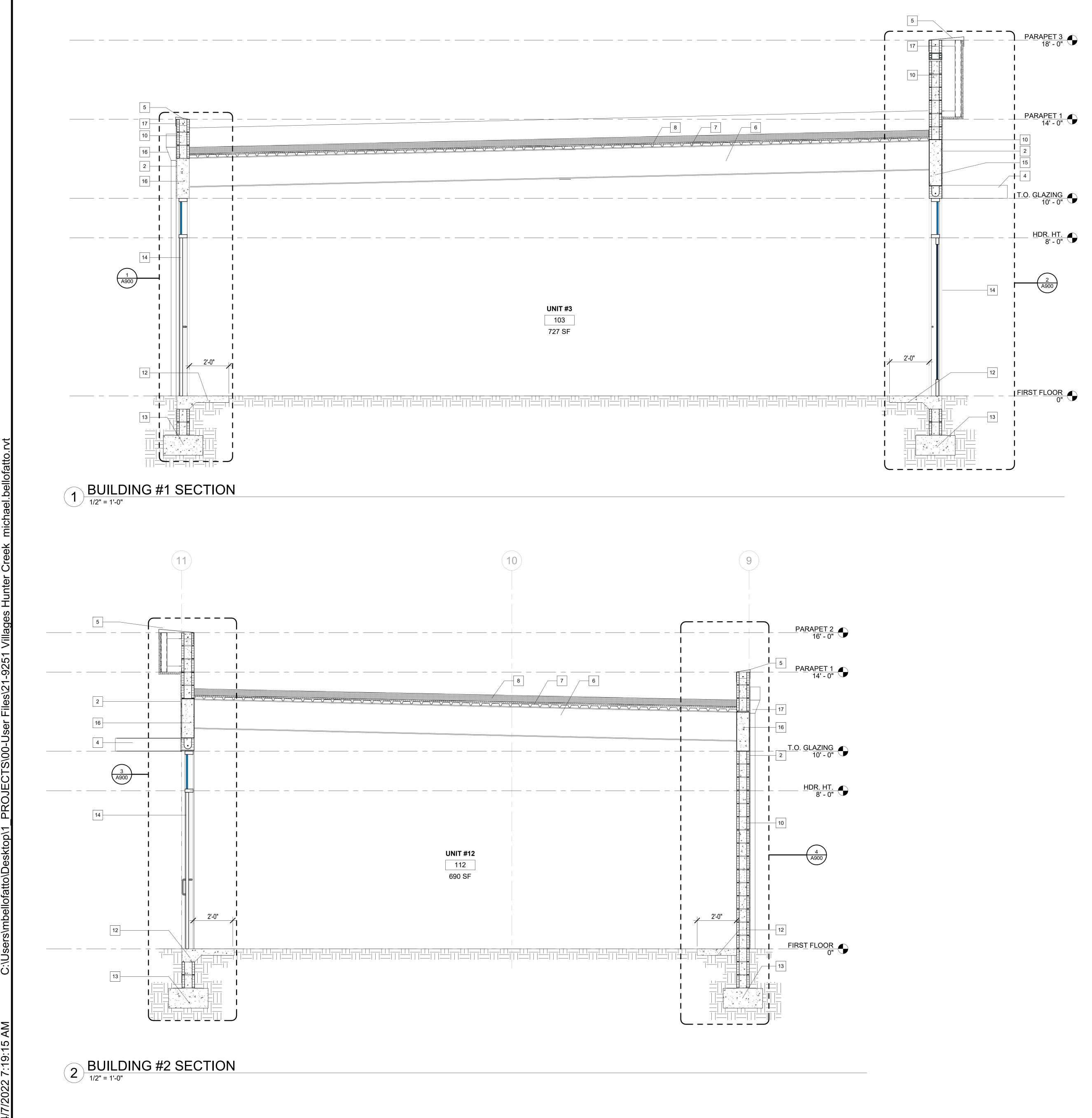
5 TYP. WOOD FINISH SIDE VIEW

ELEVATION LEGEND

- 1 STONE VENEER
- 2 SMOOTH STUCCO FINISH OVER PAPER BACKED METAL LATH
- 3 1/2" STUCCO REVEAL
- PRE FABRICATED METAL CANOPY, BY OTHERS, G.C. TO COORDINATE. 4
- 5 ALUMINUM COPING W/DRIP EDGE
- 6 STOREFRONT SYSTEM
- 7 EXTERIOR LIGHT
- 8 ALUMINUM WINDOW
- 9 HARDIE BOARD SIDING
- 10 SCUPPER & DOWNSPOUT
- 11 OVERFLOW SCUPPER
- 12 ALUMINUM COPING TO WRAP SIDES OF PARAPETS

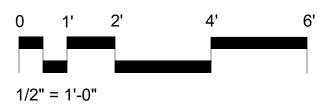


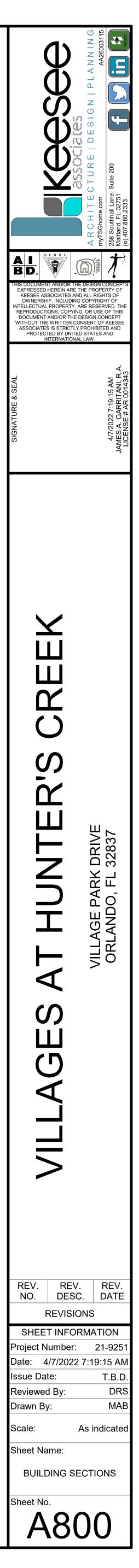


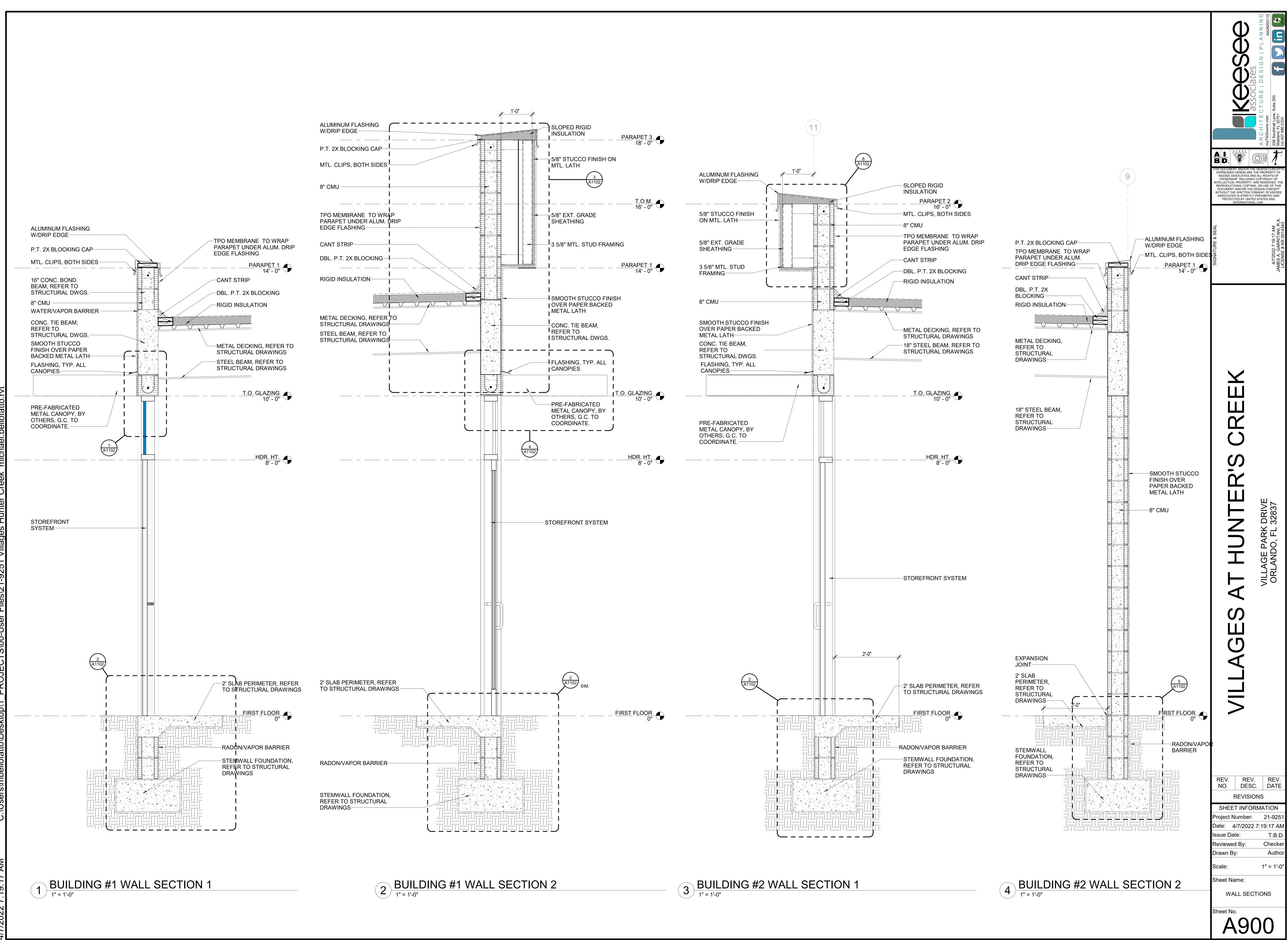


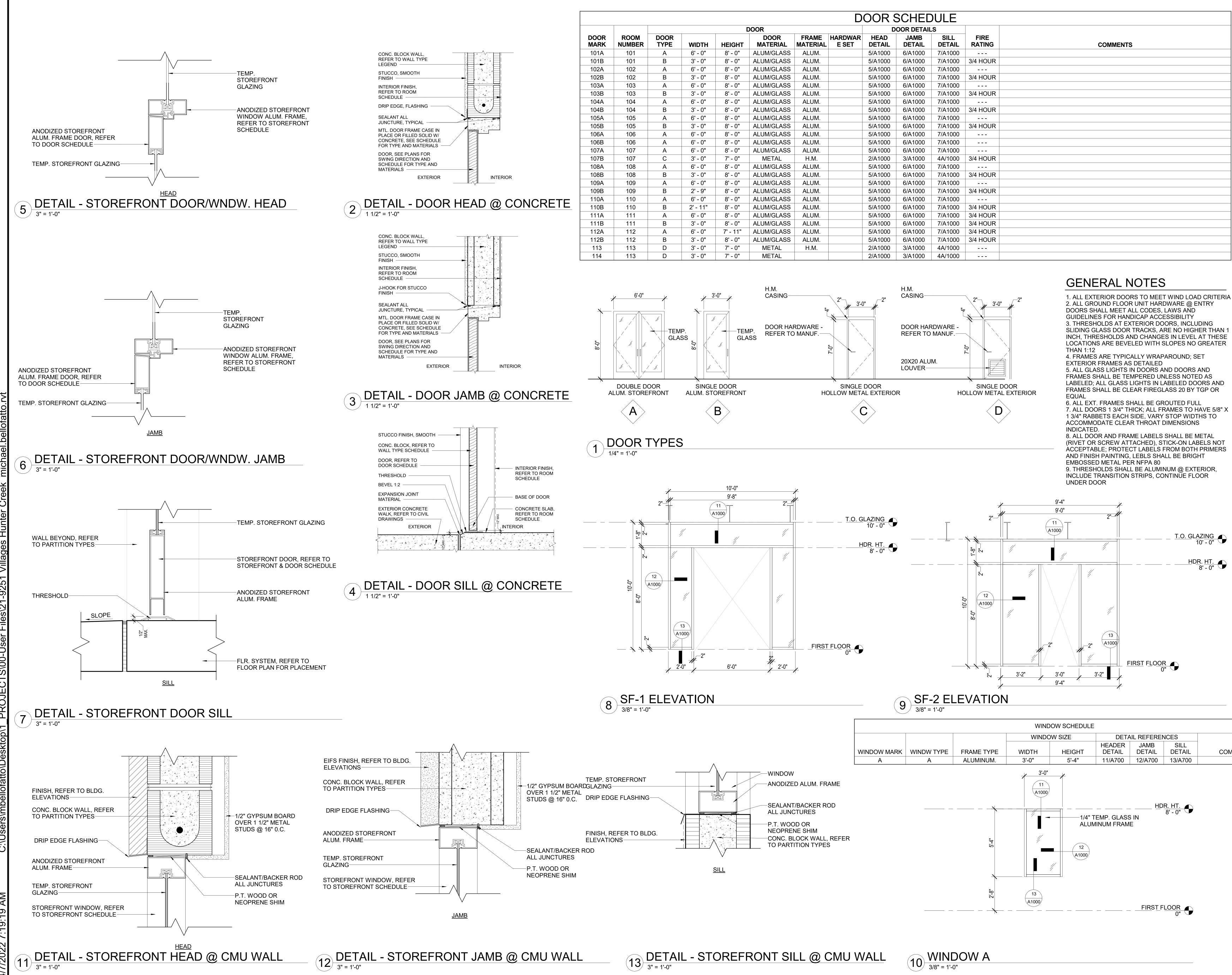
BUILDING SECTION LEGEND

- 1 STONE VENEER, REFER TO DETAILS
- 2 SMOOTH STUCCO FINISH OVER PAPER BACKED METAL LATH
- 3 1/2" STUCCO REVEAL
- 4 PRE-FABRICATED METAL CANOPY, BY OTHERS, G.C. TO COORDINATE.
- 5 ALUMINUM COPING W/DRIP EDGE.
- 6 STEEL BEAM, REFER TO STRUCTURAL DRAWINGS
- 7 CORRUGATED METAL DECKING.
- 8
- TPO MEMBRANE ON RIGID INSULATION ON CORRUGATED METAL DECKING ON STEEL BEAM STRUCTURE. 9 EXTERIOR LIGHT
- 10 8" CMU WALL W/WATERPROFFING & VAPOR BARRIER
- 11 HARDIE BOARD SIDING
- 12 2' SLAB PERIMETER
- 13 STEM WALL FOUNDATION, REFER TO STRUCTURAL DWGS.
- 14 STOREFRONT SYSTEM
- 15 CONC. TIE BEAM, REFER TO STRUCTURAL DWGS.
- 16 SCUPPER & DOWNSPOUT
- STRUCTURAL BOND BEAM, REFER TO STRUCTURAL DWGS. 17

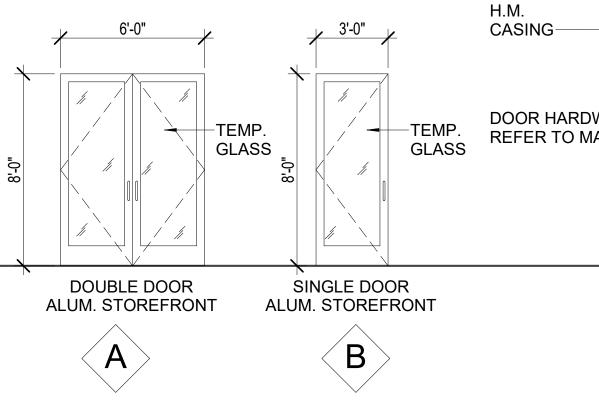




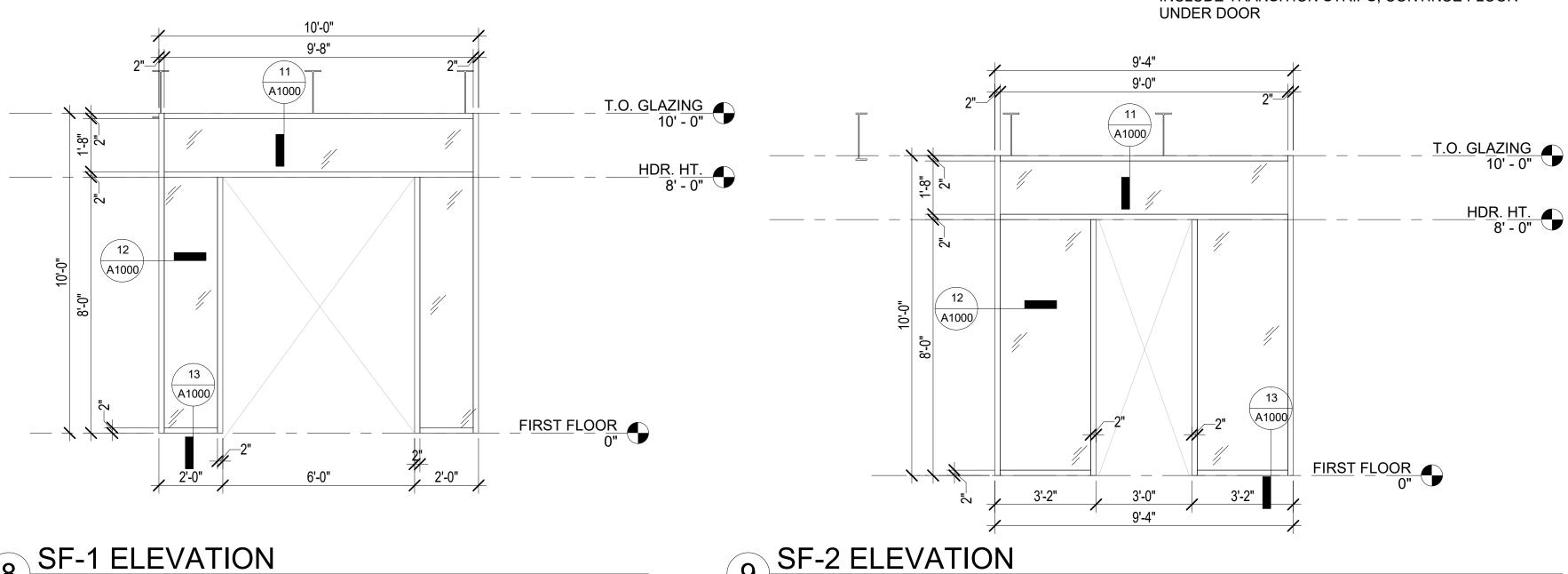




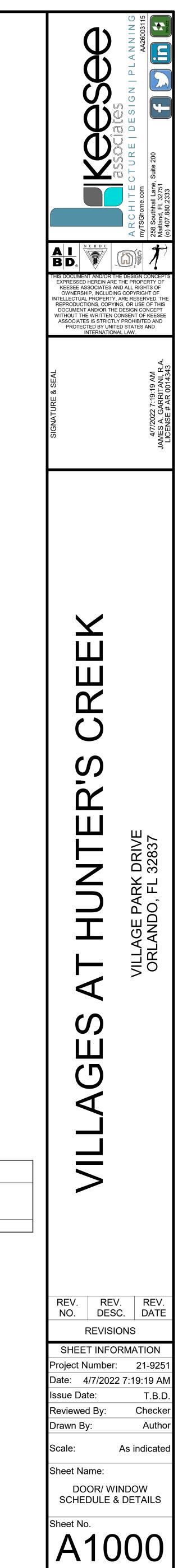
	DOOR SCHEDULE											
		DOOR DOOR DOOR DETAILS			S							
DOOR MARK	ROOM NUMBER	DOOR TYPE	WIDTH	HEIGHT	DOOR MATERIAL	FRAME MATERIAL	HARDWAR E SET	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	FIRE RATING	COMMENTS
101A	101	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
101B	101	В	3' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
102A	102	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
102B	102	В	3' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
103A	103	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
103B	103	В	3' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
104A	104	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
104B	104	В	3' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
105A	105	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
105B	105	В	3' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
106A	106	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
106B	106	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
107A	107	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
107B	107	С	3' - 0"	7' - 0"	METAL	H.M.		2/A1000	3/A1000	4A/1000	3/4 HOUR	
108A	108	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
108B	108	В	3' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
109A	109	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
109B	109	В	2' - 9"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
110A	110	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000		
110B	110	В	2' - 11"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
111A	111	А	6' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
111B	111	В	3' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
112A	112	А	6' - 0"	7' - 11"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
112B	112	В	3' - 0"	8' - 0"	ALUM/GLASS	ALUM.		5/A1000	6/A1000	7/A1000	3/4 HOUR	
113	113	D	3' - 0"	7' - 0"	METAL	H.M.		2/A1000	3/A1000	4A/1000		
114	113	D	3' - 0"	7' - 0"	METAL			2/A1000	3/A1000	4A/1000		



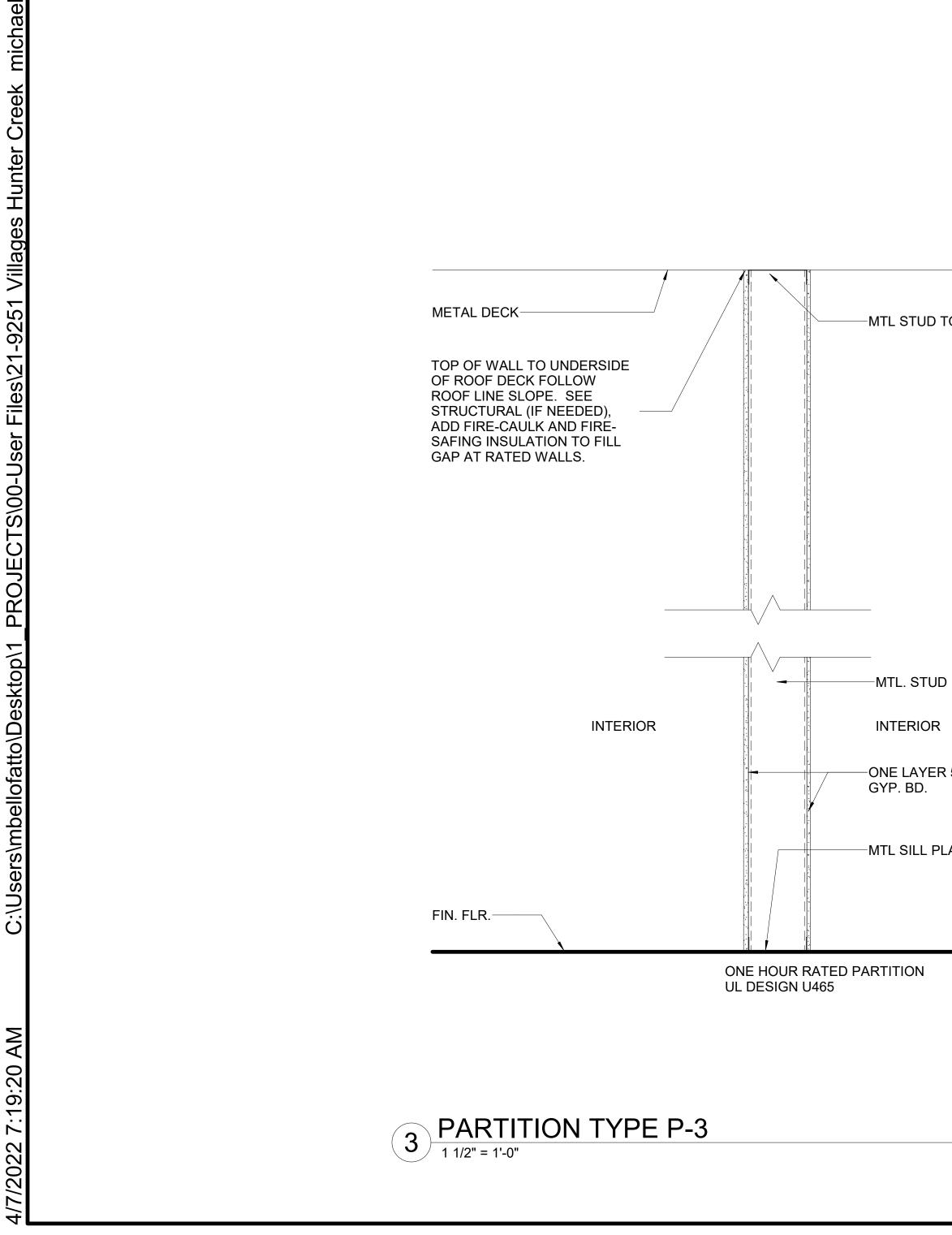








COMMENTS



2 PARTITION TYPE P-2 1 1/2" = 1'-0"

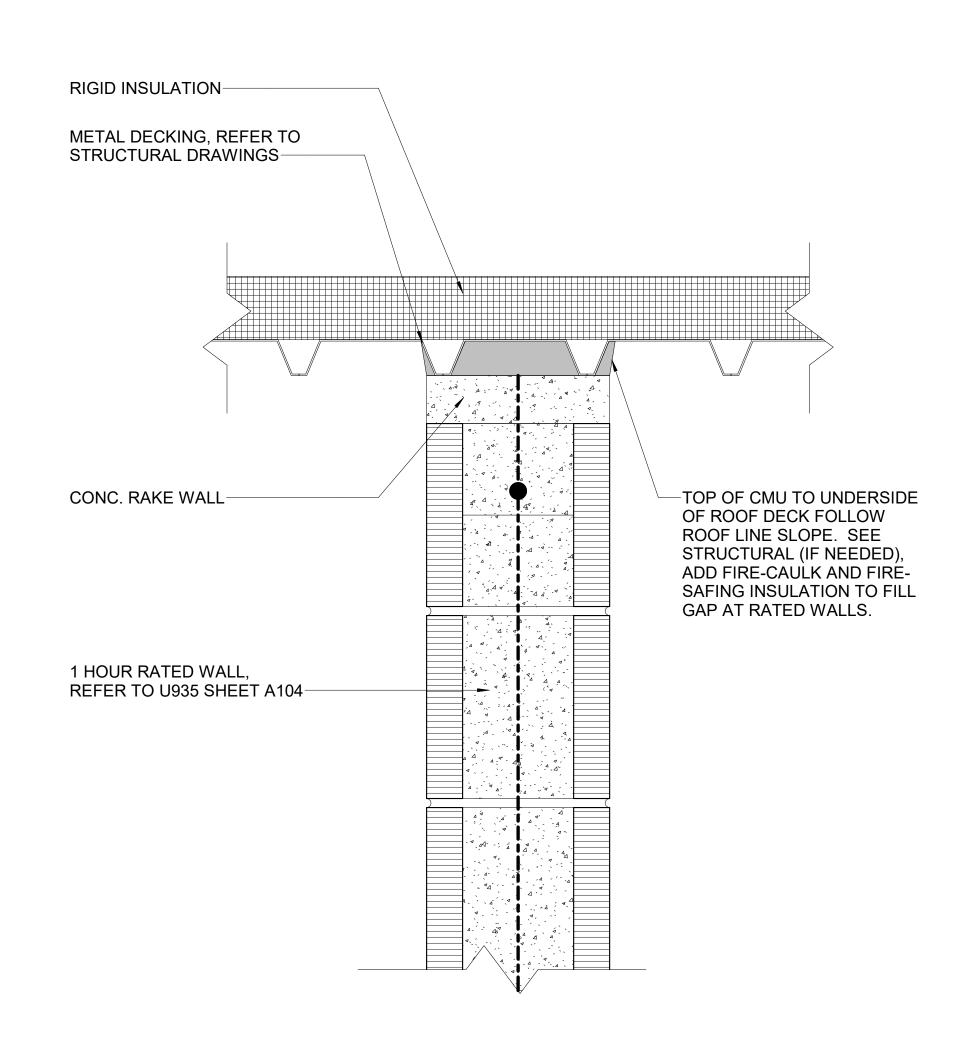
GYP. BD.

—ONE LAYER 5/8" TYPE 'X'

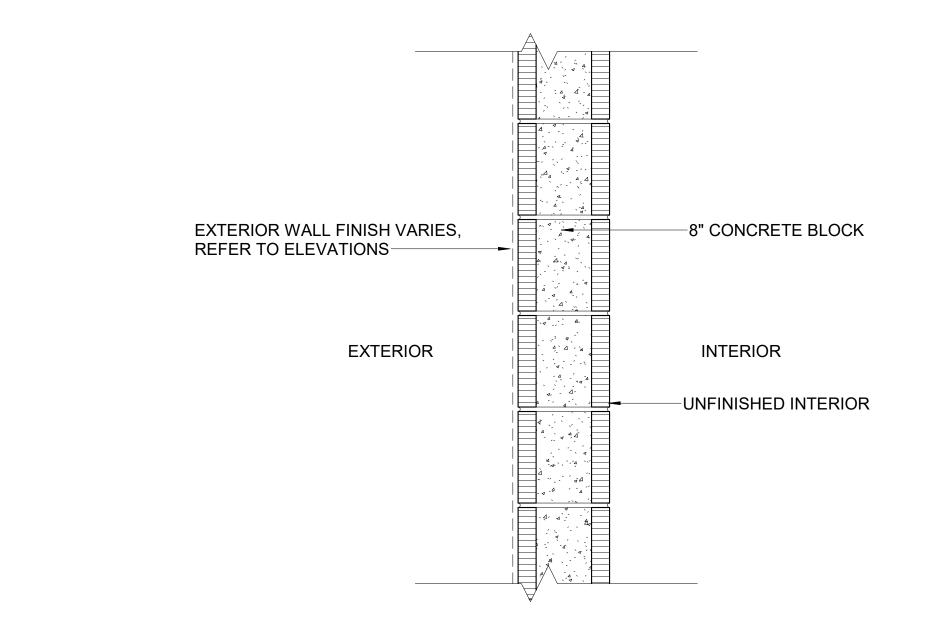
-MTL STUD TOP PLATE

-	
EXTERIOR WALL FINISH VARIES, REFER TO ELEVATIONS	8" CONCRETE BLOCK
EXTERIOR / INTERIOR	INTERIOR UNFINISHED INTERIOR
FIN. FLR.	
	ONE HOUR RATED PARTITION UL DESIGN U935

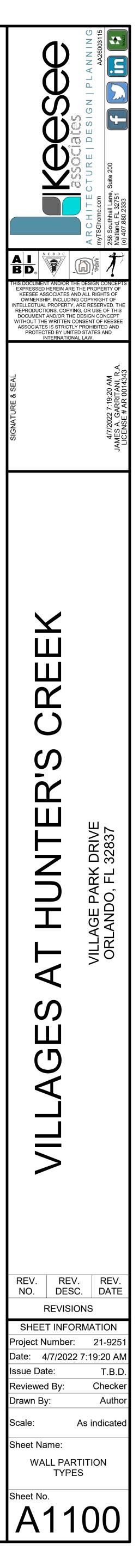
	_	
TOP OF CMU TO UNDERSIDE OF ROOF DECK FOLLOW ROOF LINE SLOPE. SEE STRUCTURAL (IF NEEDED), ADD FIRE-CAULK AND FIRE- SAFING INSULATION TO FILL GAP AT RATED WALLS.		

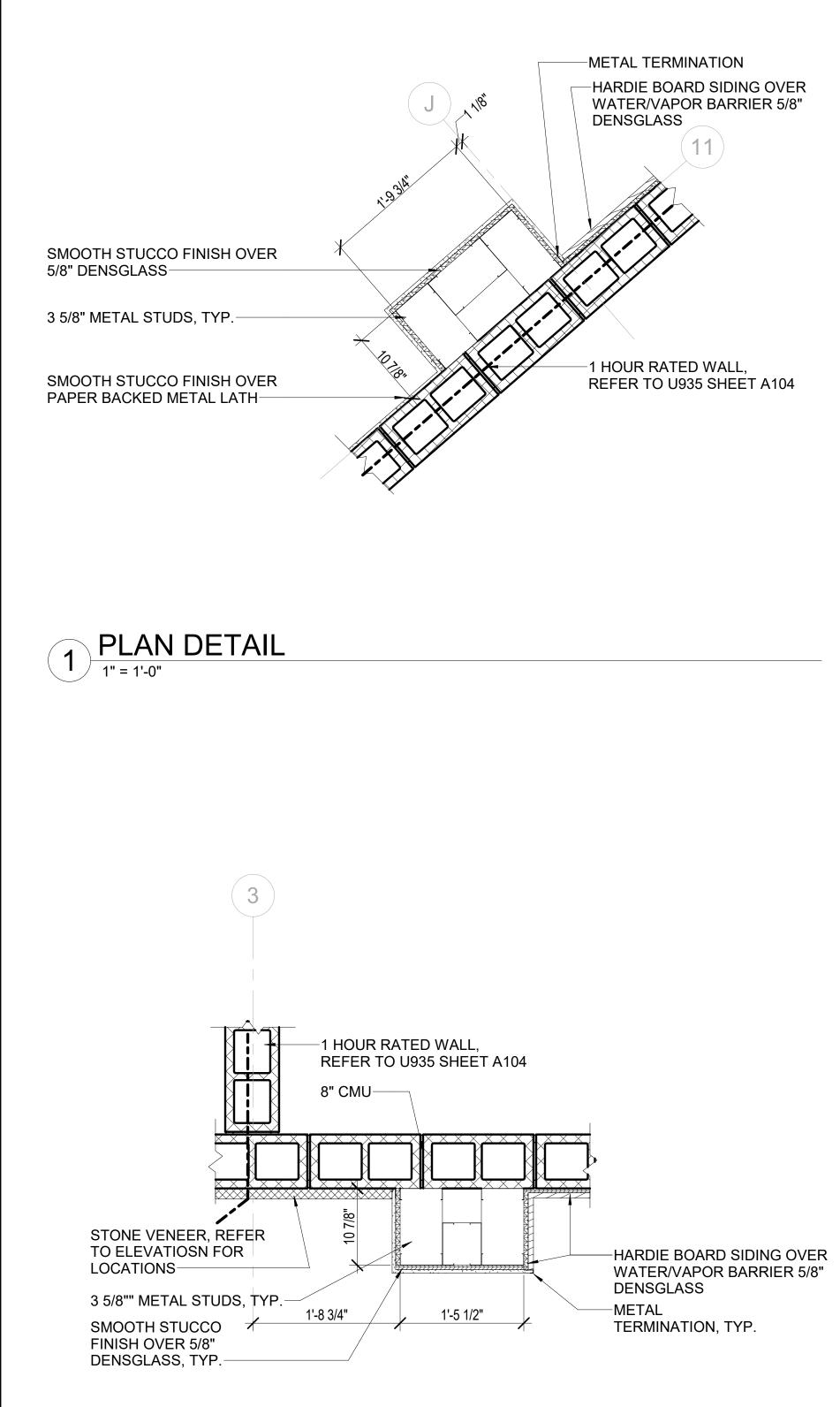


4 DETAIL @ TOP OF FIRE RATED WALL TO METAL DECK 3" = 1'-0"



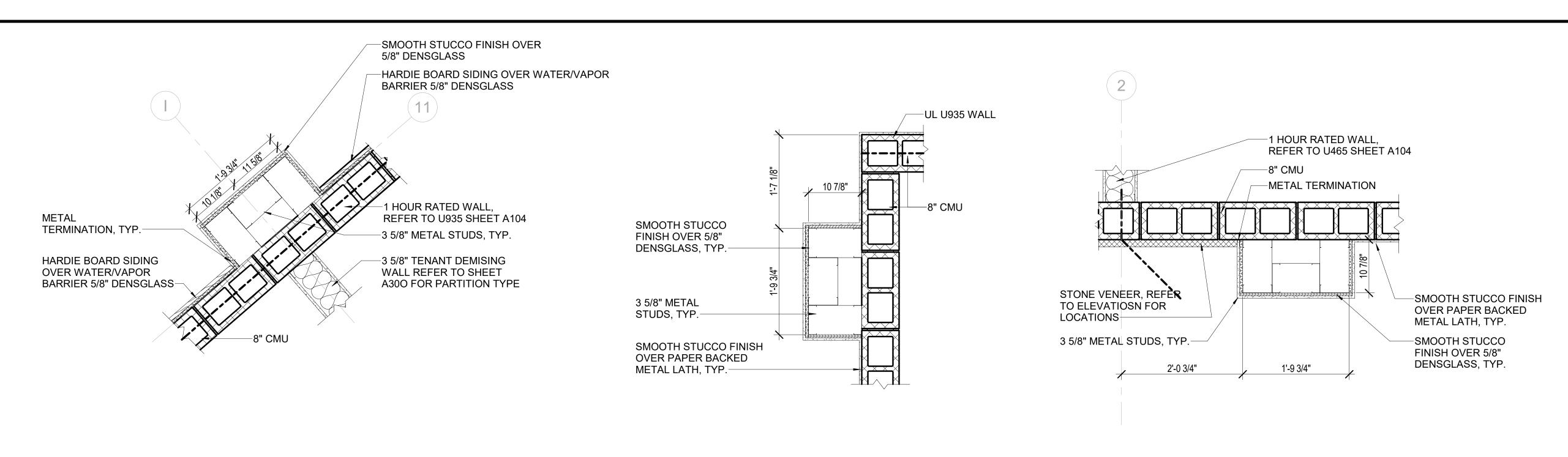




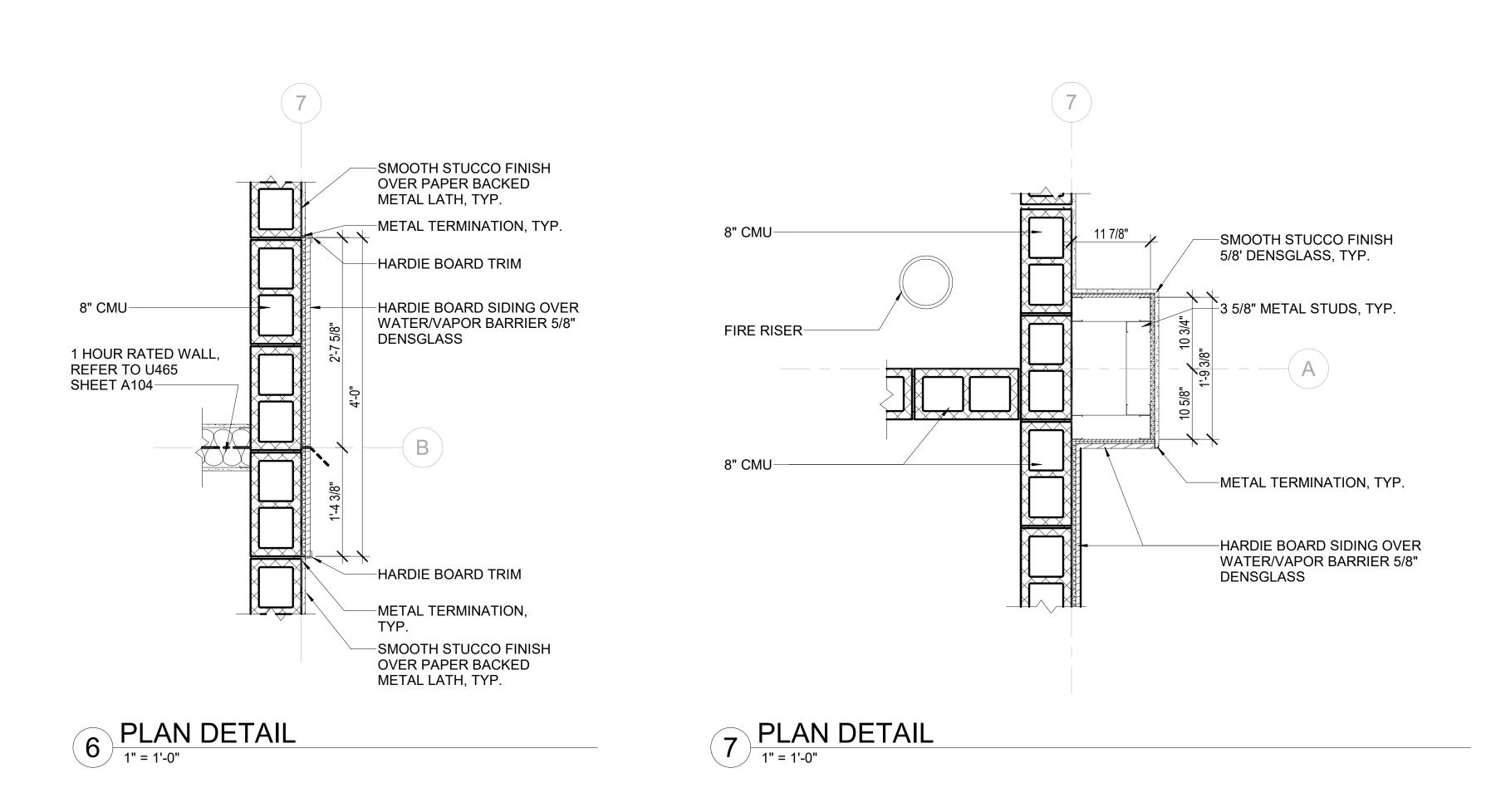


5 PLAN DETAIL 1" = 1'-0"

5 A701

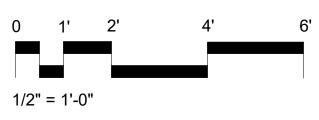


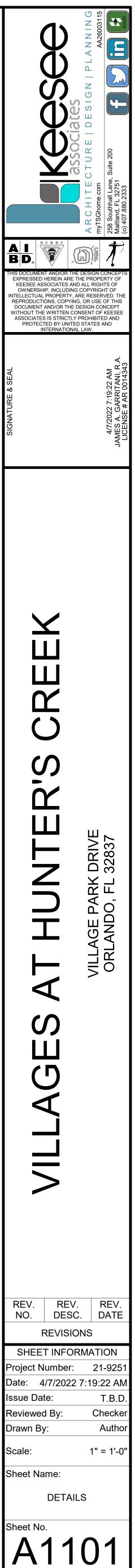


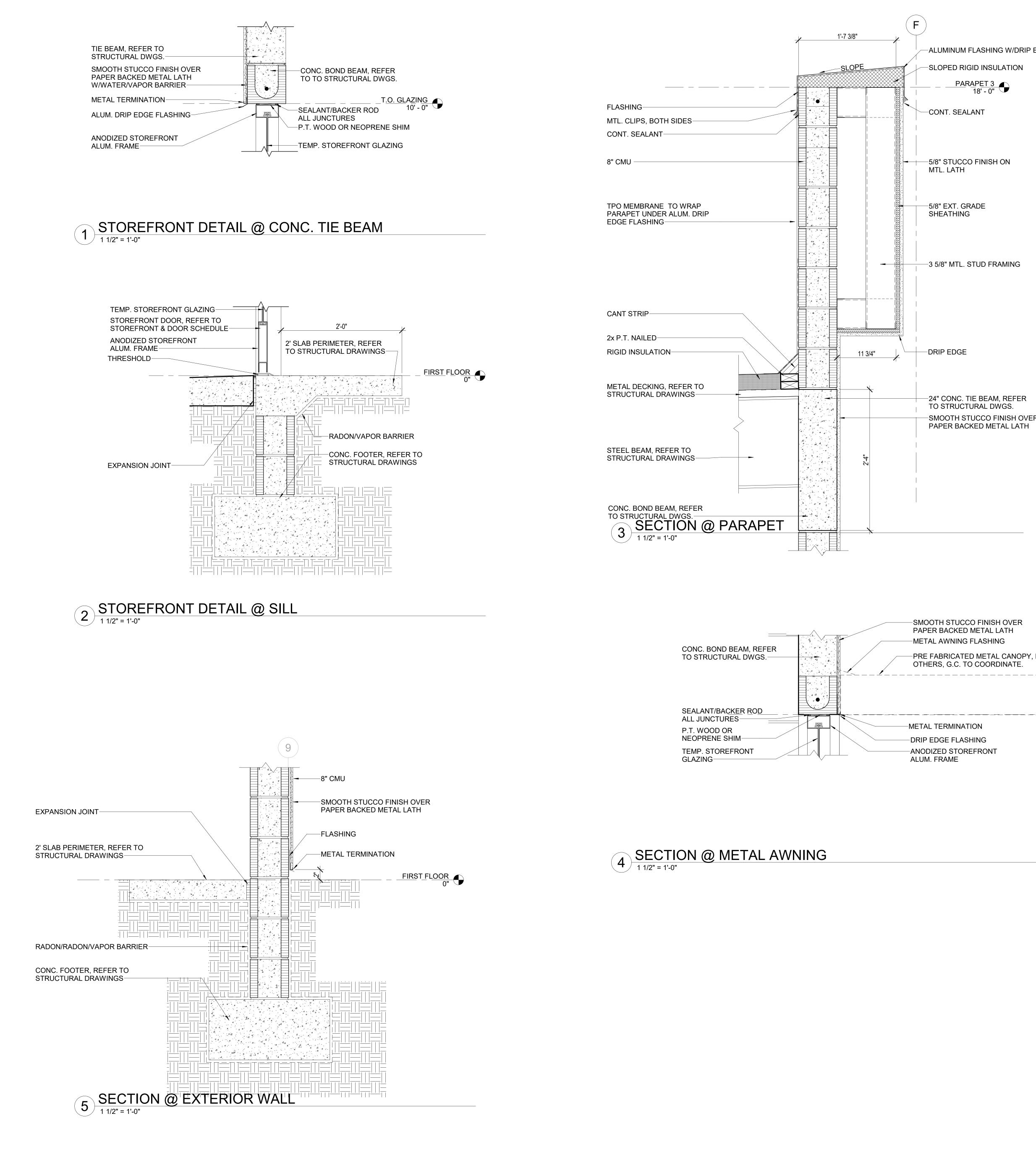


3 PLAN DETAIL 1" = 1'-0"









CONC. BOND BEAM, REFER TO STRUCTURAL DWGS.	— SMOOTH PAPER B — METAL A — PRE FAB OTHERS,
SEALANT/BA <u>CKER</u> <u>R</u> OD	
ALL JUNCTURES	
P.T. WOOD OR	-METAL TE
	-DRIP EDG
TEMP. STOREFRONT GLAZING	

-ALUMINUM FLASHING W/DRIP EDGE

-SLOPED RIGID INSULATION

PARAPET 3 18' - 0"

-CONT. SEALANT

5/8" STUCCO FINISH ON

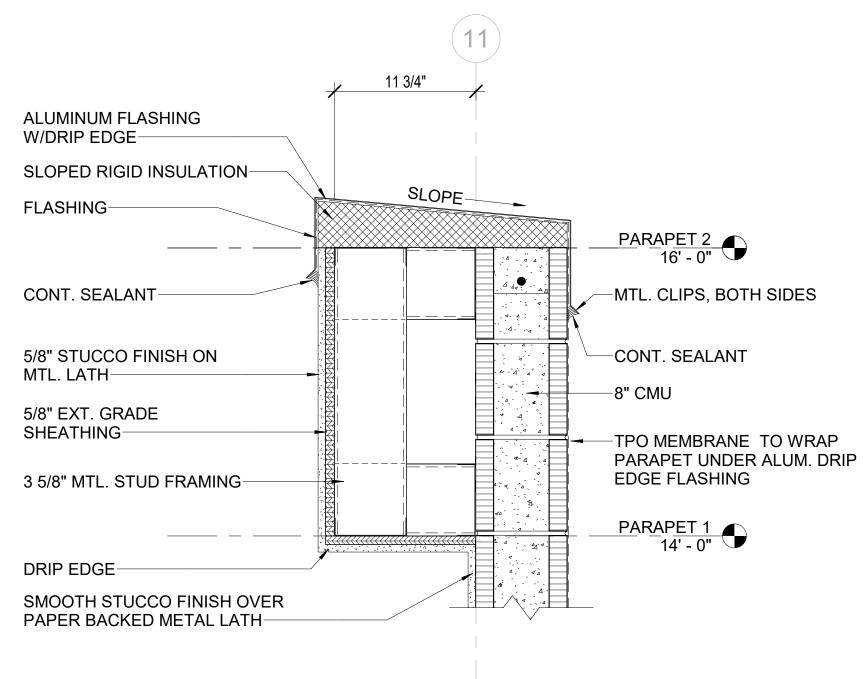
-5/8" EXT. GRADE

—3 5/8" MTL. STUD FRAMING

-DRIP EDGE

-24" CONC. TIE BEAM, REFER TO STRUCTURAL DWGS.

-SMOOTH STUCCO FINISH OVER PAPER BACKED METAL LATH



6 SECTION @ PARAPET

H STUCCO FINISH OVER BACKED METAL LATH AWNING FLASHING

BRICATED METAL CANOPY, BY RS, G.C. TO COORDINATE.

10' - 0

ERMINATION GE FLASHING ED STOREFRONT RAME

