ed.) 20.



310 Flint Drive Mt. Sterling, KY 40353 www.blackmountaindoor.com

Steel Doors, Frames and Hardware to fill every opening requirement.

Project:			
Architect:			
Contractor:	Date:_	/	/
Distributor:	Revisions:	/	/ /
Hardware:			
Wood Doors:		PAGE	of

Job Sche BLACK MOUNTAIN DOOR - www.blackmountain NO NO SET IN SET	ndoor.com
ELEV GA HDWE REMARKS NO.	
ELEV OR	
ELEV OR	
DOOR LABEL	
FRAME DEPTH GA ANC	
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NOMINAL FRAME OPENING WTH HT ELEV	
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HAND / QUANTITY HAND QTY	
LOCATION FROM TO	
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General Notes & Information

BLACK MOUNTAIN DOOR - DOORS FRAMES & HARDWARE

- 1) Material will be fabricated in accordance with these drawings only after receipt of architect approval and approved hardware schedule with all necessary hardware templates.
- 2) Doors and frames will be reinforced for surface mounted hardware. Gages of reinforcements will meet or exceed the gages as recommended by The Steel Door Institute. Drilling and tapping for surface applied hardware will be done by others. Doors and frames will be reinforced and prepared for mortise hardware with holes drilled and tapped at factory except trim mounting holes. All anchor hinges, concealed holders and closers and floor type pivots will be mortised and reinforced for. However drilling and tapping, and notching of face of door to establish hand must be done in the field.
- 3) All doors and frames will be chemically cleaned, phosphatized and given one coat of baked on shop primer.
- 4) Refer to detail sheets for jamb and floor anchors, jamb profiles and frame elevations.
- 5) Furnishing and installation of all glass and builders hardware to be by others unless otherwise specified.
- 6) Strike jambs prepared for and furnished with three rubber silencers for field installation. Double headers are prepared for two rubber silencers.
- 7) All frames in masonry walls to be filled with grout where practical. Note: It is recommended that frames be backcoated in the field by general contractor with bituminous water resistant paint when saline materials or additives are used in the mortar to accelerate the setting of the mortar.
- 8) Columns on schedule sheets referring to hardware are for distributor future use only and may be determined after receipt of approved hardware schedule.
- 9) Hardware locations detailed on these drawings are to this manufacturer's standard locations and are for the standard types of hardware. Prior approval and acceptance for preparation of nonstandard hardware and at non-standard locations must be secured from this manufacturer before fabrication is started.
- 10) It shall be the responsibility of the installer to verify that the marked item (door and/or frame components) is accurate and correct for the opening in which it is intended as specified on the architectural drawings and/or information provided to Black Mountain Door at the time of manufacture. INSTALLATION CONSTITUTES ACCEPTANCE. Black Mountain Door shall not be held liable for a frame and/or door that has been improperly installed.

GENERAL SYMBOLS AND ABBREVIATIONS NOT SHOWN ELSEWHERE

ABO = Aluminum by Others

DL = Dead Lock

TP = Transom Panel

UNIT = Unit Lock

G = A40 Galvanized Steel

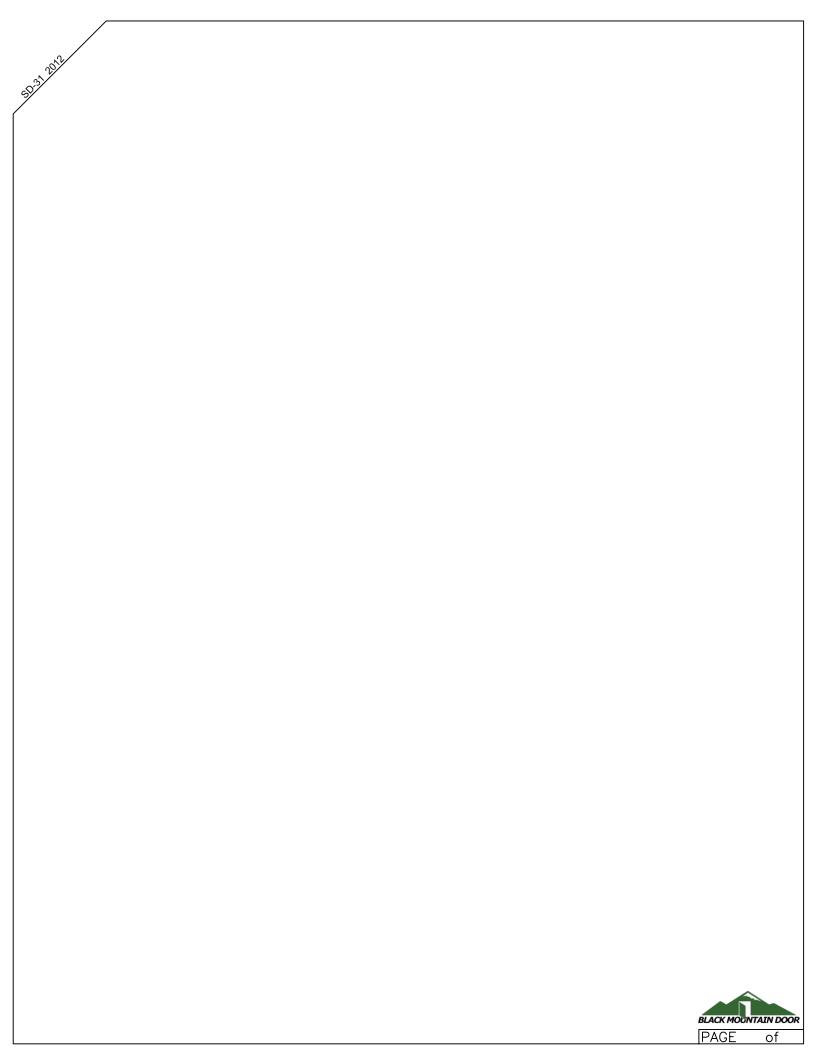
BL = Borrow Lite FB = ANSI Flush Bolt A = A60 Galvanized Steel
CL = Closer Reinforcement SL = Sidelite C = Cold Rolled Steel

DA = Double Acting TL = Transom Lite

DISCLAIMER: ALL DETAILS AND INFORMATION CONTAINED IN THESE SHOP DRAWINGS ARE ACCURATE AT THE TIME OF PRINTING. HOWEVER, BLACK MOUNTAIN DOOR RESERVES THE RIGHT TO MAKE CHANGES TO ALL ITS PRODUCTS AND MANUFACTURING PROCEDURES.

REFER TO SDI-117 FOR STANDARD MANUFACTURING TOLERANCES AVAILABLE AT www.steeldoor.org. ADDITIONAL INFORMATION REGARDING BLACK MOUNTAIN DOOR IS AVAILABLE AT www.blackmountaindoor.com.





THERMAL PROPERTIES

CORE, DOOR AND ASSEMBLIES

POLYSTYRENE "SUPER CORE"

1# DENSITY POLYSTYRENE

SERVICEABLE TEMPERATURE -67° TO +165° F

"K" FACTOR @ 70° MEAN TEMPERATURE= .157 BTU-IN./SQ. FT. - HR. - F°

STILL AIR APPARENT U AND (R) FACTORS FOR GAGES AND 1 5/8" CORE THICKNESS

20 GAGE - 0.24 (4.16)

18 GAGE - 0.25 (4.00)

16 GAGE - 0.35 (2.86)*

14 GAGE - 0.35 (2.86)*

* FOR 16 AND 14 GAGE DOORS, THE DEFAULT VALUE OF 0.35 IS USED AS PUBLISHED IN THE 1998 IECC.

NOTE THAT THE ABOVE FACTORS ARE TYPICAL REPRESENTATIONS OF THE CORE AND RESPECTIVE GAGES AND THAT VARIATIONS OCCUR BASED UPON WALL CONDITIONS, INSTALLATION, CLIMATE AND FRAMING MATERIALS USED IN EACH PARTICULAR OPENING. ADDITIONALLY, THESE VALUES APPLY ONLY TO 3 SIDED ASSEMBLIES.

SOUND SHIELD DOORS (51LE, 53LE)

SOUND SHIELD DOORS (51LE, 53LE) ARE NOT GENERALLY USED IN THERMALLY RATED CONDITIONS. EXTERIOR APPLICATIONS FOR THIS DOOR TYPE ARE LIMITED, THEREFORE THERMAL PROPERTIES ARE NOT PUBLISHED HERE.

POLYURETHANE CORE

2.0 PCF DENSITY POLYURETHANE

SERVICEABLE TEMPERATURE -250° TO +300°F

APPARENT U AND (R) FACTORS FOR 1 5/8" THICK CORE ONLY= 0.083 (12.044)

STILL AIR APPARENT U AND (R) FACTORS FOR GAGES AND 1 5/8" CORE THICKNESS

16 GAGE - 0.080 (12.491) 14 GAGE - 0.080 (12.491)

07WE STEEL STIFFENED DOORS

HAT SHAPED STEEL STIFFENERS WITH INORGANIC NON-COMBUSTIBLE BATT TYPE MATERIAL CORE BETWEEN

INSULATION IS STANDARD 0.6# DENSITY FIBERGLASS.

SERVICEABLE TEMPERATURE IN EXCESS OF +500°F

APPARENT U AND (R) FACTORS FOR 1 5/8" STANDARD INSULATION OCCURING BETWEEN STIFFENERS= 0.16 (6.025)

OTHER DENSITIES INCLUDING UP TO 8.0# DENSITIES ARE OPTIONALLY AVAILABLE.

300 SERIES DOORS

300 SERIES DOORS HAVE AN OPTION OF INSULATION IN THE STILE AND RAIL PERIMETER OF 0.6# DENSITY. INSULATION PROPERTIES ARE SIMILAR TO 500/700 SERIES DOORS.



of

30'3 2012



DOORS:

SERIES 07WE STEEL STIFFENED SEAMLESS DOORS: 1-3/4" shall be fabricated from two sheets of 18, 16, or 14 ga. steel (ASTM A568, ASTM A1008, ASTM A1011) or galvanized steel. No visible seams shall occur on door faces or edges.

Door edges shall be continuously welded, filled and ground. Doors shall be internally reinforced with pairs of 22 ga. hat shaped steel stiffeners back to back, welded a maximum of 5" O.C. to door faces and spaced a maximum of 6" apart. Top and bottom of doors shall be 16 ga. channels spotwelded to door faces. Top and bottom caps shall be inverted unless otherwise specified. Spaces between stiffeners shall be insulated with Owens Corning R-24 thermal fiberglass insulation.

Lock reinforcing shall be a minimum of 14 ga. for series 86 or 161 locks. Surface hardware reinforcing shall be 14 ga. Closer reinforcing shall be 12 ga. on both faces of doors. Hinge mortises shall be reinforced with 7 ga., 1-1/4" x 10" steel plates securely welded to edges and tapped for template hinges.

SERIES 15LE-17LE SUPERCORE DOORS, FULL FLUSH OR SEAMLESS: 1 3/4" shall be fabricated from two sheets 20, 18, 16, or 14 ga. steel (ASTM A568, ASTM A1008, ASTM A1011) with no visible seams on either face (15LE) or no visible seams on face or vertical edge (17LE)-(Specify requirements). The doors are joined at the edge with a continuous laser welded seam (laser edge).

Tops and bottoms of door shall be 18 ga. galv. channels, tops shall be flush, bottom shall have inverted channel to allow field adjustment if necessary at a later date.

Sound and heat retardation shall be assured by thermosetting adhesive bonding a nominal one pound density Supercore precured rigid polystyrene foam core to the panels.

Hinge mortises shall be reinforced with 10 ga. steel plates, welded in place and tapped for 1-1/2 pair 4-1/2" x 4-1/2" template hinges (2 pairs - 7'-7" and above). Mortises shall extend the full width of hinge stiles and filler plates shall be provided to permit installation of hinges for right- or left-hand swing as required.

When specified, 14 ga. push-pull and rim or concealed exit device reinforcings shall be furnished. Doors and reinforcing must be drilled and tapped in the field.

SERIES 25LE-27LE GALVANIZED STEEL SUPER CORE DOORS - OPTION TO 15LE-17LE SERIES: Door Panels of 20, 18 and 16 ga. shall be manufactured of hot dip galvanized material in the coating class conforming to ASTM designation A653 & A924. The material shall be treated in the mill to ensure prime paint adhesion.

SERIES 35LE-37LE TEMPERATURE RISE FIRE DOORS 1-3/4" - OPTION TO 15LE-17LE SERIES: Door Panels of 18-16 ga. shall be bonded to a mineral board core when doors are required to meet codes with temperature rise limitations.

Contractor Shall furnish and install steel doors / frames as manufactured by Black Mountain Door International in all openings except as otherwise provided in specifications.

*Black Mountain Door reserves the right to make changes in either price, designs or specifications and to make improvements to its products without prior notice and without incurring any obligation to incorporate such changes in products previously manufactured.

SERIES 45LE-47LE HONEYCOMB CORE DOORS 1-3/4" - OPTION TO 15LE-17LE SERIES: Door Panels of 20, 18 or 16 ga. shall be bonded to a honeycomb impregnated material with 1" cells. Positive pressure/fire rating available.

SERIES 83LE-85LE-87LE-89LE POLYURETHANE CORE DOORS 1-3/4" - OPTION TO 15LE-17LE SERIES: Door Panels of 20, 18 or 16 ga. cold rolled steel shall be bonded to a polyurethane material (85LE). Seamless edges (87LE) are optional. A-40 galvanized (83LE) steel is optional. Galvanized, seamless edges (89LE) are optional. Fire rating not available.

SERIES 300 STILE AND RAIL DOOR 1-3/4": Shall be of rigid stile-and-rail construction. Stiles and rails shall be of 16 ga. galvanized steel, face welded and ground smooth at the corners. Panels shall be of flat 18 ga. galvanized steel, and be securely bonded by a thermosetting adhesive to Black Mountain Door's Supercore.

a nominal 1 lb. density, odorless, rigid foam that is resistant to fungus, bacteria, moisture, mildew and rot.

SERIES 61LE-63LE EMBOSSED DOORS 1-3/4" - OPTION TO 15LE-17LE SERIES: Doors shall be fabricated with two sheets of 18 or 16 ga. steel embossed in 6 panel configuration manufactured of galvanized material in the coating class comforming to ASTM designation A924. 8 panel fabricated with two sheets of 18 ga. galvanized steel.

TRANSOM PANELS (SERIES 55LE-56LE): Shall have face sheets of 18 ga. steel (16 ga. optional) reinforced with a foam core bonded to the faces with thermosetting adhesive. When specified, horizontal 12 ga. flat strip astragal shall be factory installed on the transom panel.

HARDWARE PREPARATIONS: Doors shall be mortised, reinforced, drilled and tapped to receive specified mortise hardware and reinforced only for specified surface hardware. Drilling and tapping for surface hardware shall be done in the field. Hinge reinforcings shall be 10 ga. for 1-3/4"doors (7 ga. optional on 16 and 18 ga. 15LE Series type doors) Reinforcings for other surface and mortise hardware shall be 14 ga. Other hardware options such as pivot or anchor hinges, concealed holders or closers, are reinforced according to hardware template information. Drilling and tapping of these preparations shall be done in the field.

HARDWARE LOCATIONS: Unless otherwise specified, the location of locks, hinges, latches, push-pull plates and bars, exit devices, handle sets, closer reinforcings, roller latches, and arm pulls shall conform to the recommendations of the Door and Hardware Institute and SDI-100 / ANSI A250.4 and A250.8.

LABELED DOORS: Where noted or required, provide doors with Underwriters Laboratories, Inc. (UL) or Warnock Hersey Inc. (WHI) labels with appropriate fire resistance and temperature rise ratings for the class of opening indicated. Construction details and hardware applications of the certifying authority shall take precedence over project details or specifications.

LOUVERS: Shall be factory installed insert type with vision-proof inverted 'Y' baffles ('Z' option in 700 series). Louver blades and frames are to be 18 ga. welded steel construction

GLAZING: Glass lite doors are furnished with formed (20 GA. C.R.) steel glazing strips of the screw-in type to permit selection of secure side in the field. Muntin bar for multi-lite glazing are of the field applied type. Glazing arrangements accommodate 1/4" (6.4mm) thick glass, supplied by others unless otherwise specified.

PRIME PAINTED DOOR: All exposed surfaces shall be cleaned, treated with a Bonderite chemical and given one baked-on shop coat of rust inhibitive gray synthetic primer (A250.10).

PREPAINTED DOORS: Doors shall be chemically cleaned and treated with a Bonderite chemical. Doors shall be given a heavy coat of electrostatically-applied finish paint, baked on. The finish paint shall be a durable formulation, providing good resistance to both mar and abrasion tests. Weather and chemical resistance shall be a property of the finish. (Not available for Series 300 or 07WE)

STORAGE: All doors shall be protected at the corners to prevent damage or marring of the finish. Doors shall be stored in an upright position separated by 1/4" wood strips under cover on the building site on wood sills or on floors in a manner that will prevent rust and damage. Avoid creating a humidity chamber by using a plastic or canvas shelter and not venting the area covered. In accordance with Job Site Storage ANSI A250.08 / HMMA 840.

FRAMI **SPECIFICATIONS**

FRAMES

FRAMES: Shall be fabricated from 16 or 14 ga. steel (ASTM A568, ASTM A1008 ASTM A A1011) for 1-3/4" doors and borrowed lites. Frames shall be designed with integral stop and trim.

SERIES 400 FRAMES: Shall be equipped with one welded-in floor anchor in each iamb. Three steel lock-in or welded-in anchors (maximum of 24" O.C.) shall also be provided for each jamb Anchors shall be of the proper type for the particular construction involved (i,e., wood stud, masonry, concrete or steel stud.) Knocked down frames shall have self-aligning tabs and slots for locked corners and shall be reinforced with 18 ga. reinforcements. OPTION: Frame corners shall be mitered and continuously arc welded and ground smooth on frame faces.

SERIES 2600 SLIP-ON DRYWALL FRAMES: Shall be designed for installation after the wall is erected. Hinge and strike jambs shall be supplied with steel anchors which are to be screwadjusted after the frame is installed and shall be equipped with welded-in sill anchors.

SERIES 800 FRAMES: Shall be designed to be adaptable to existing stud wall construction regardless of thickness. Headers to be equipped at each miterjoint with 18 ga. reinforcings. Headers and jambs shall have mating tabs and slots for alignment of the assembly. All corners shall present neat mitered joints. OPTION: Frame corners shall be mitered and continuously arc welded and ground smooth on frame faces.

HARDWARE PREPARATION: Frames shall be mortised, reinforced, drilled and tapped to receive specified mortise hardware and reinforced only for specified surface hardware. Drilling and tapping for surface hardware shall be done in the field. Plaster quards shall be installed on all applicable hardware cutouts in the 400 Series frames. Strike jambs shall be prepared for three rubber silencers. . Hardware reinforcing shall comply with ANSI A250.4, ANSI 250.8 (SDI-100) and ANSI A250.6.

HARDWARE LOCATIONS: Unless otherwise specified, the location of strikes, hinges, closer reinforcings, and roller latches shall conform to the recommendations of the Door and Hardware Institute and ANSI A250.4, ANSI 250.8 (SDI-100).

Contractor Shall furnish and install steel doors / frames as manufactured by Black Mountain Door in all openings except as otherwise provided for in specifications.

*Black Mountain Door reserves the right to make changes in either price, designs or specifications and to make improvements to its products without prior notice and without incurring any obligation to incorporate such changes in products previously manufactured.

LABELED FRAMES: When noted or required, provide frames, windows and/or transoms and sidelites with Underwriters' Inc. (UL) or Warnock Hersey Inc. (WHI) labels for the class of opening indicated. Construction details and hardware application requirements of the certifying authority shall take precedence over project details or specifications.

GALVANIZED OPTION: Frame members shall be manufactured of hot dipped 16 or 14 ga. galvanized materials in the coating class conforming to ASTM Designation A924. The materials shall be treated in the mill to ensure superior prime paint adhesion.

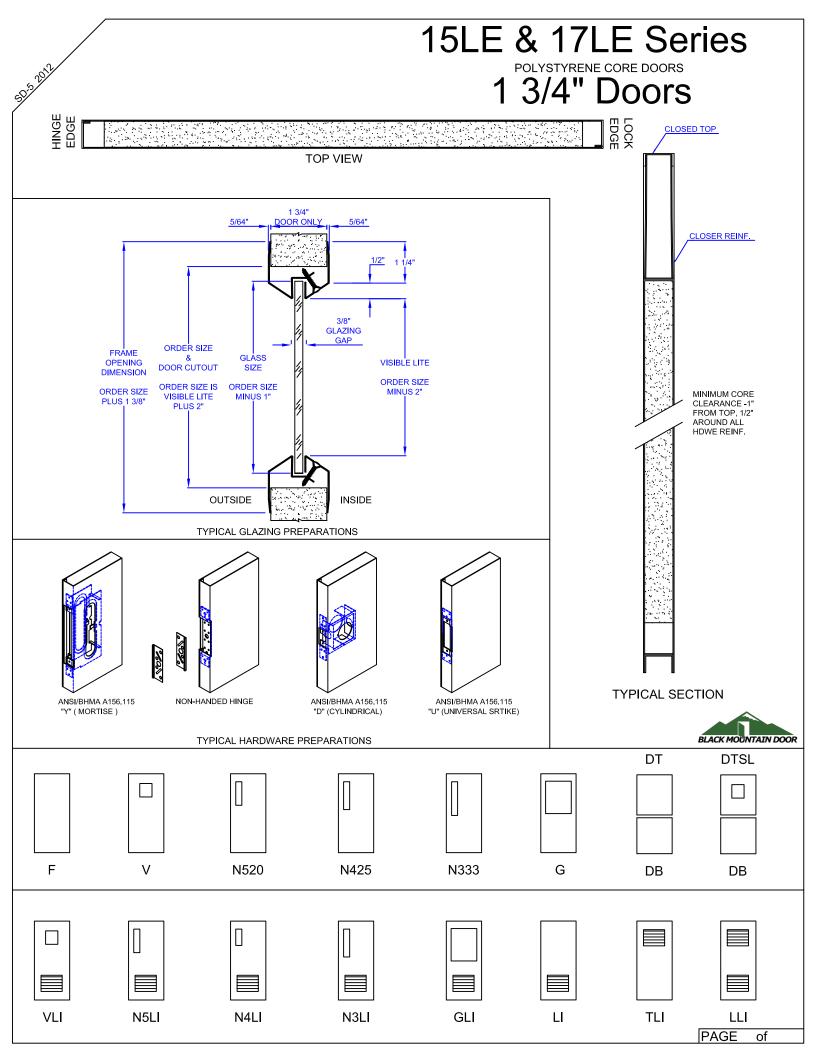
PRIME PAINTED FRAMES: All exposed surfaces shall be cleaned, treated with Bonderite chemical and given one baked-on shop coat of gray rust inhibitivesynthetic primer. In accordance with ANSI A250.10

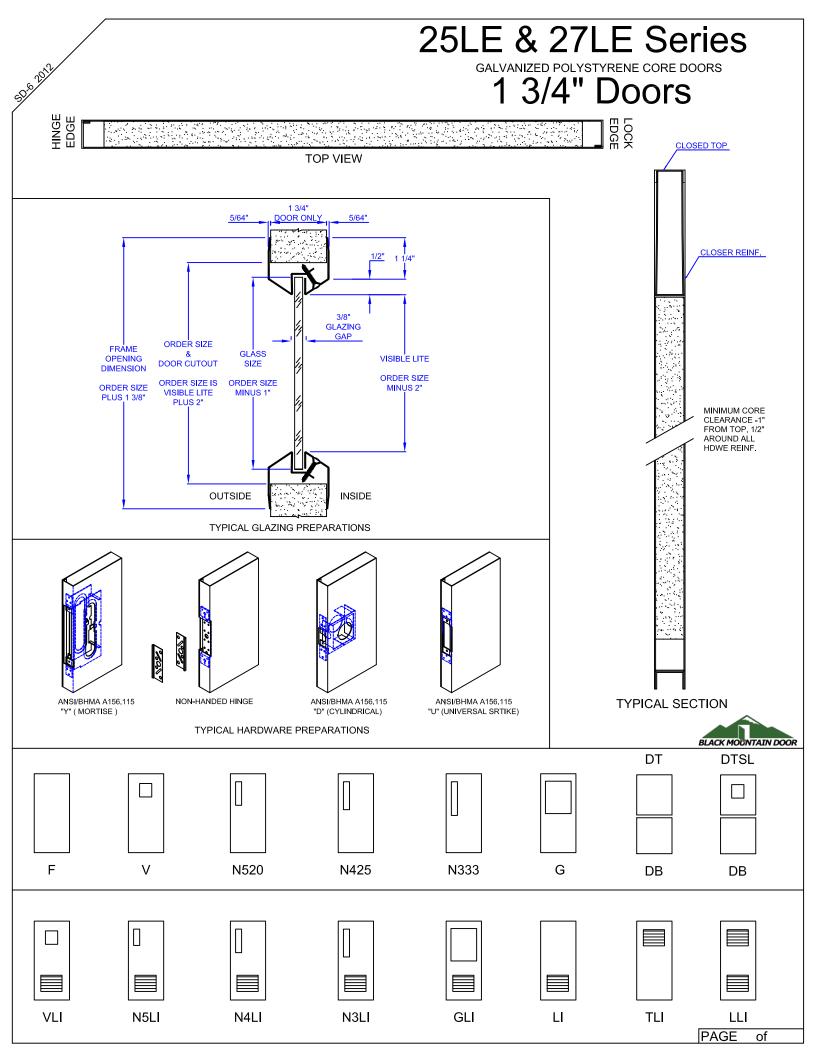
PREPAINTED FRAMES: Frames shall be chemically cleaned and treated with a Bonderite chemical, plus a heavy coat of electrostatically-applied finish paint baked on (per ANSI A250.3). The finish paint shall be a durable formulation, providing good resistance to both mar and abrasion tests. Weather and chemical resistance shall be a property of the finish.

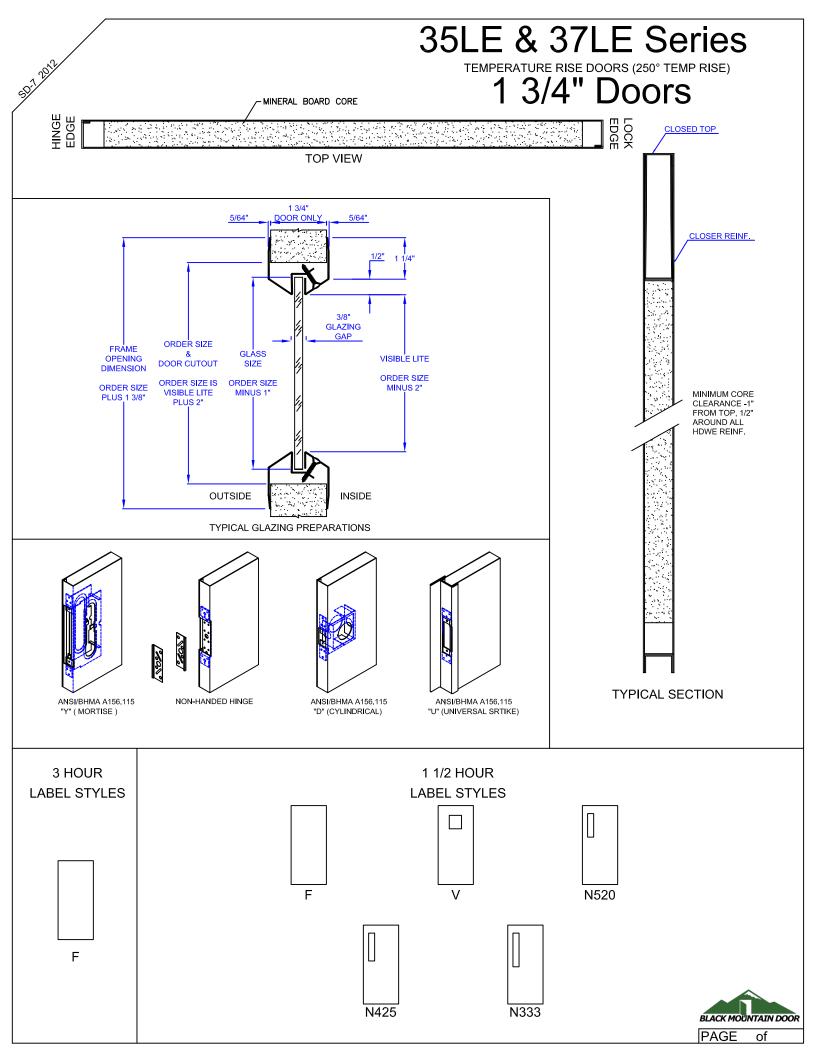
STORAGE: Frames shall be stored in an upright position under cover on the building site on wood sills or floors in a manner that will prevent rust and damage. Avoid creating a humidity chamber by using a plastic or canvas shelter and not venting the area covered. In accordance with ANSI A250.8 or HMMA 840.

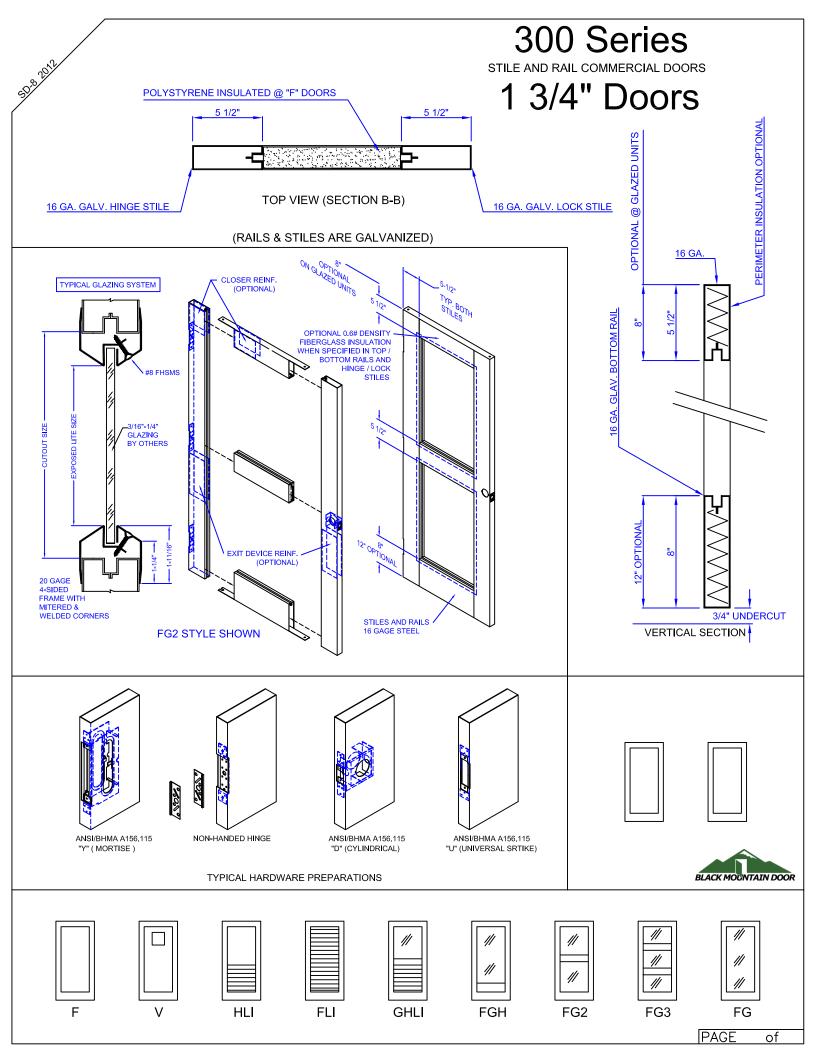
INSTALLATION OF FRAMES:

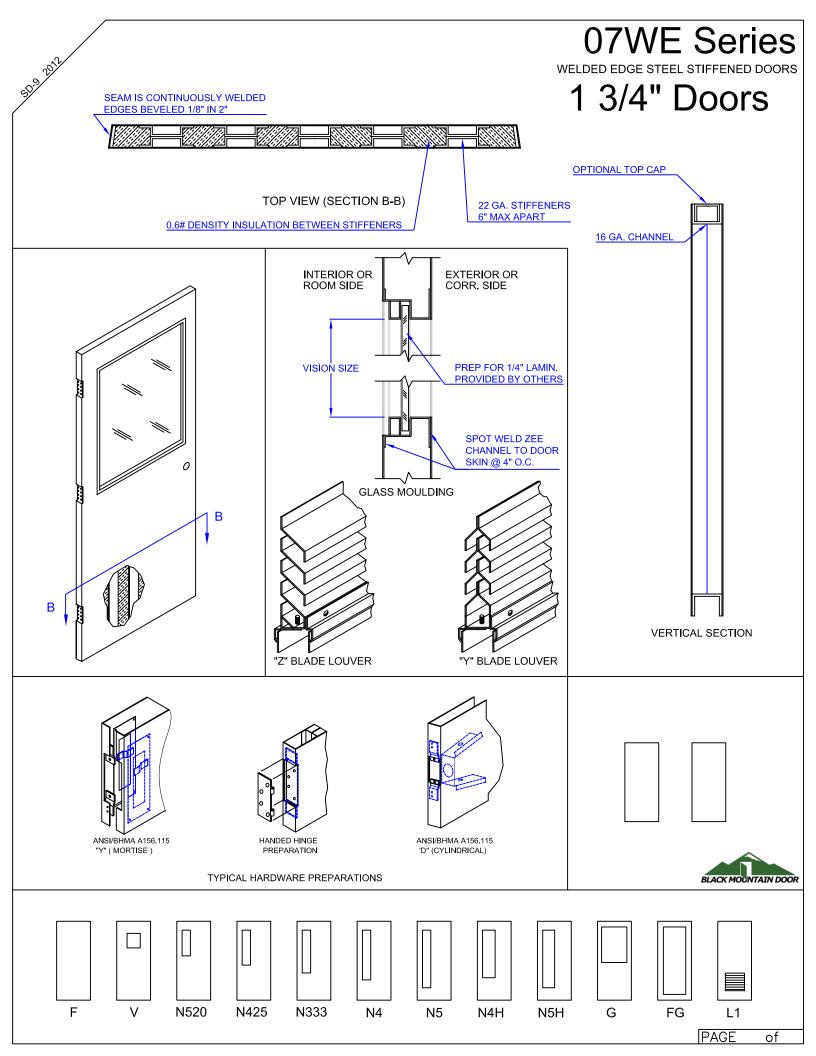
Steel frames shall be installed by the General Contractor, Installation shall be plumb, straight and true; rigidly secured in place and properly braced. The frame installer shall be responsible for the squareness of the frame in place. Spreaders on welded frames to be removed prior to installation. Installation shall comply with ANSI A250.11 / SDI 122 / HMMA 840. Installation of units constitutes acceptance of said opening by installer/contractor.







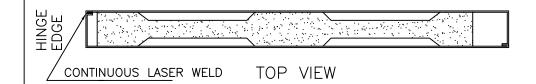


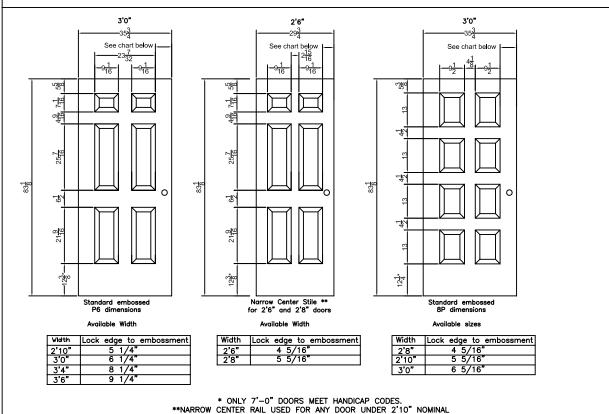


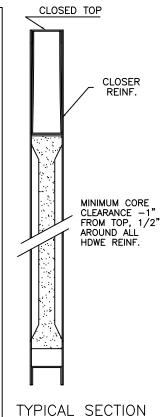
61LE & 63LE Series

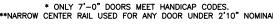
DECORATIVE EMBOSSED PANEL DOORS

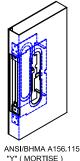
1 3/4" Doors



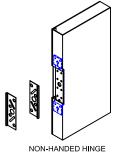




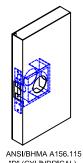




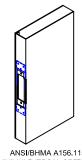
"Y" (MORTISE) **NOT RECOMMENDED FOR 2'-8" DOORS



NON-HANDED HINGE



"D" (CYLINDRICAL)



ANSI/BHMA A156.115 "U" (UNIVERSAL SRTIKE)

P6 - 6 PANEL STYLE Available in 16, 18, 20 Gauge

16 & 18 Gauge Construction

Min Width 2'6" Max Width 3'6" (3'8" if 18G) Min Height 6'8" Max Height 7'0"

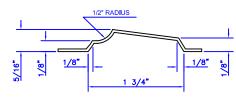
20 Gauge Construction

Min Width 2'8" Max Width 3'0" Min Height 6'8" Max Height 7'0"

P8 - 8 PANEL STYLE Available in 18 Gauge Only

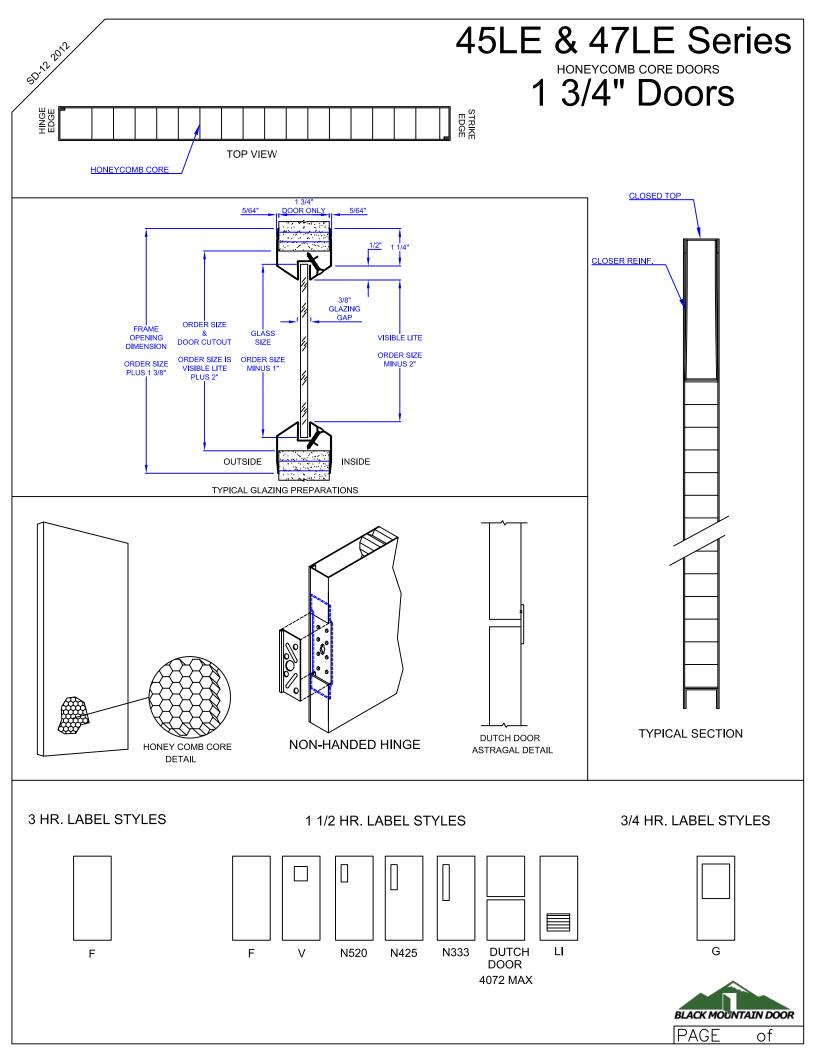
18 Gauge Construction

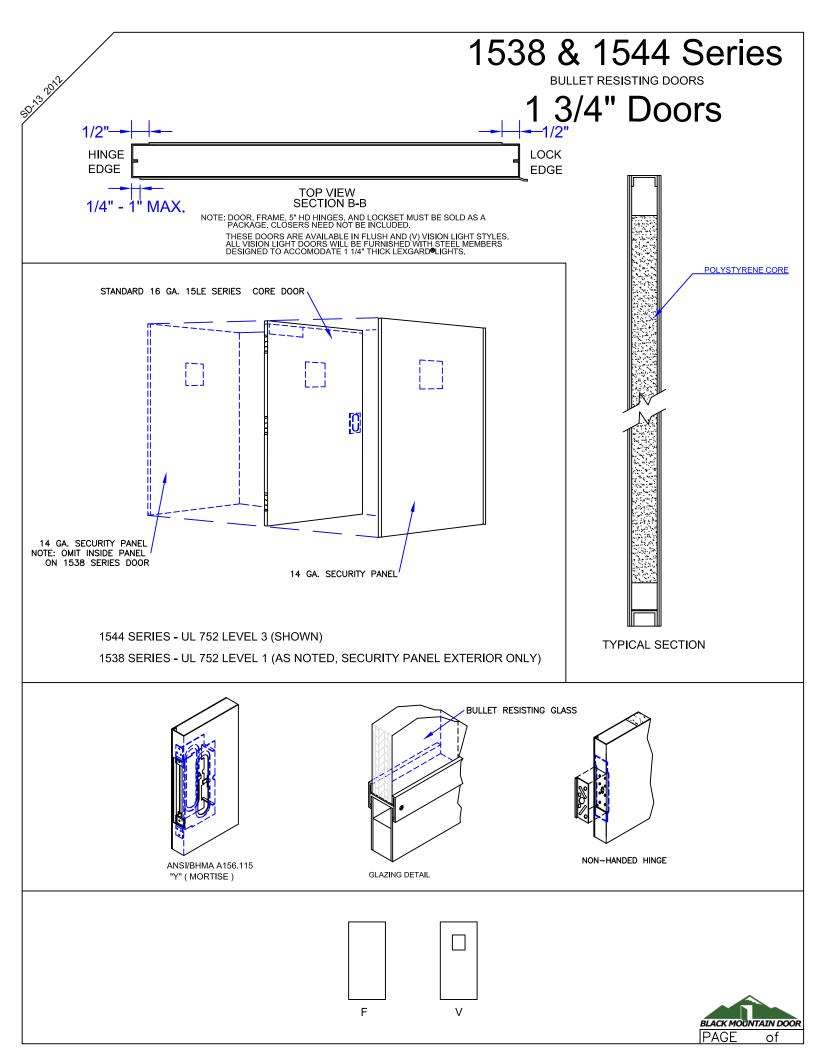
Min Width 2'8" Max Width 3'0" Min Height 6'8" Max Height 7'0"

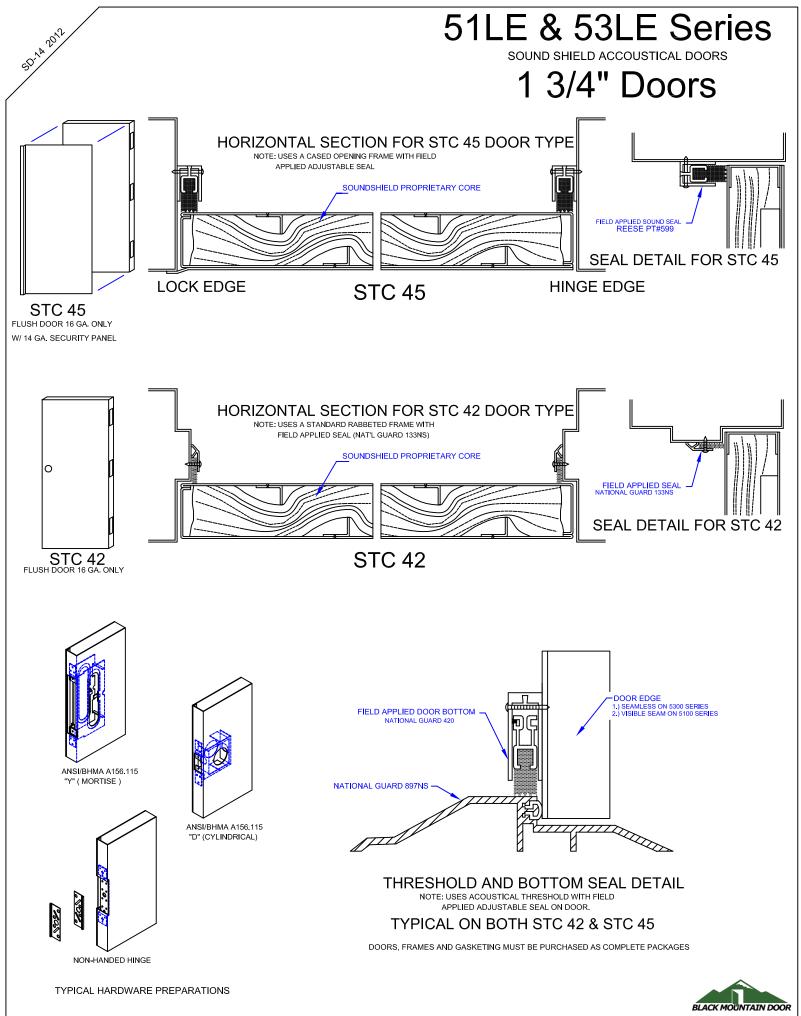


EMBOSS SECTION

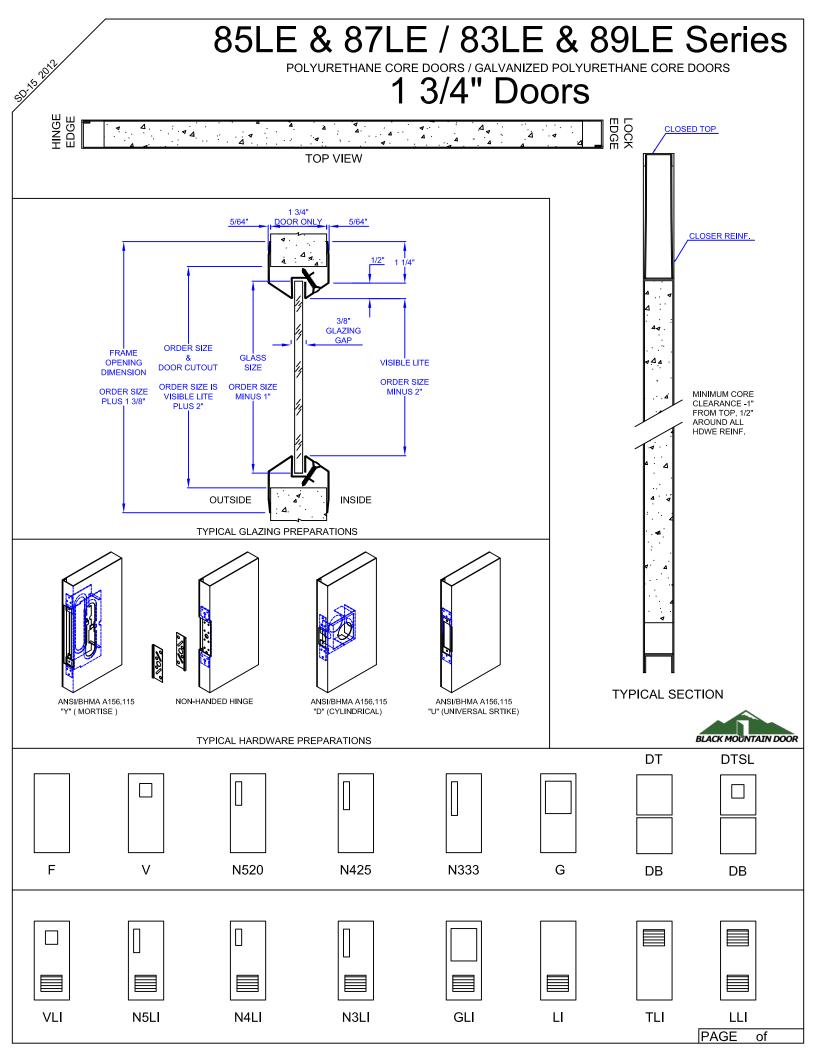






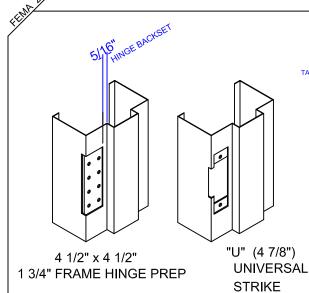


PAGE of



FEMA Door & Frame

17LE & 27LE SERIES DOORS & 400 SERIES FRAMES



TAB & SLOT WELDED TO HEADER FACE WELDED REQUIRED

TYPICAL MITERED CORNER

INTERLOCK FRAME SHOWN

WELDED MITER CORNERS OPTIONAL

4" HEADER OPTIONAL Jamb Depth 1/2 Jamb Depth

FRAME PREPARATIONS

FRAME PROFILES

Note: 7/16" RETURNS ARE STANDARD WITH 5 3/4" DEPTH - For Jamb Depths See Schedule



WOOD STUD ANCHOR 3 3/4",4 3/4",5 3/4" 6 3/4",7 3/4",8 3/4" (STANDARD) SPECIFY "S"



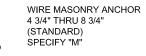
CHANNEL STEEL STUD ANCHOR 3 3/4",4 3/4",5 3/4" (STANDARD) SPECIFY "C"

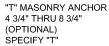


ADJUSTABLE WOOD STUD ANCHOR 5 3/4",6 1/4",6 3/4",7 1/4" 7 3/4",8 1/4",8 3/4" (OPTIONAL)



LAG COMPLETE OPENING ANCHOR 5 3/4",6 3/4" (OPTIONAL) SPECIFY "LP" or "LW"







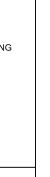




COMPLETED OPENING ANCHOR 5 3/4",6 3/4" (OPTIONAL) SPECIFY "CO"



P&D 3/8" BOLT (OPTIONAL) SPECIFY "PDW"



ANCHORS

APPROVED TEST STANDARDS CERTIFIED BY INTERTEK

- FEMA 361
- FEMA 320
- ICC 500

APPROVED SIZES

- 4'0" X 9'0" SINGLES
- 8'0" X 9'0" PAIRS

APPROVED HARDWARE

- SECURITECH 4340-SS320
- SECURITECH 5000
- SECURITECH 7000
- SECURITECH 8000

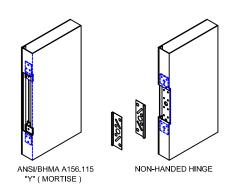
17LE & 27LE (1 3/4") DOORS

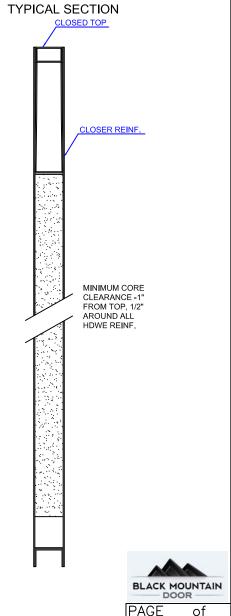
16 GAGE

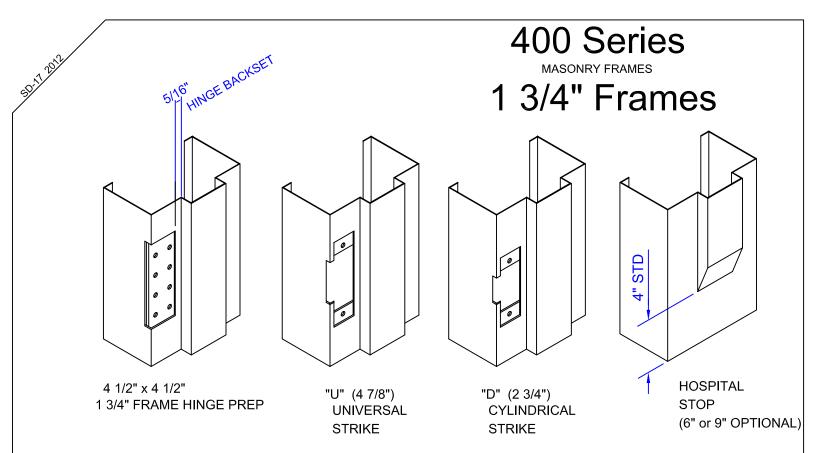
400 SERIES FRAMES

14 GAGE

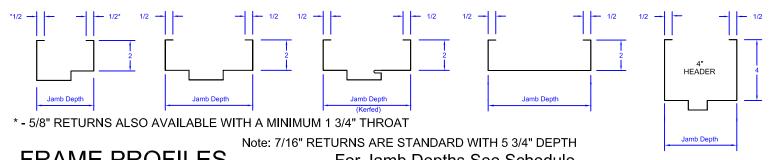
DOOR PREPS







FRAME PREPARATIONS



FRAME PROFILES

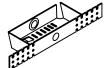
For Jamb Depths See Schedule



WOOD STUD ANCHOR 3 3/4",4 3/4",5 3/4" 6 3/4",7 3/4",8 3/4" (STANDARD) SPECIFY "S'



CHANNEL STEEL STUD ANCHOR 3 3/4",4 3/4",5 3/4" (STANDARD) SPECIFY "C

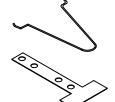


ADJUSTABLE WOOD STUD ANCHOR 5 3/4",6 1/4",6 3/4",7 1/4" 7 3/4",8 1/4",8 3/4" (OPTIONAL)

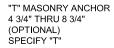


LAG COMPLETE OPENING **ANCHOR** 5 3/4",6 3/4" (OPTIONAL) SPECIFY "LP" or "LW"



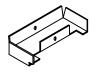


WIRE MASONRY ANCHOR 4 3/4" THRU 8 3/4" (STANDARD) SPECIFY "M"





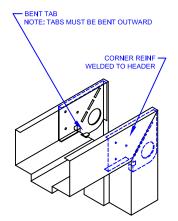
EXTENSION (OPTIONAL)



COMPLETED OPENING ANCHOR 5 3/4",6 3/4" (OPTIONAL) SPECIFY "CO"



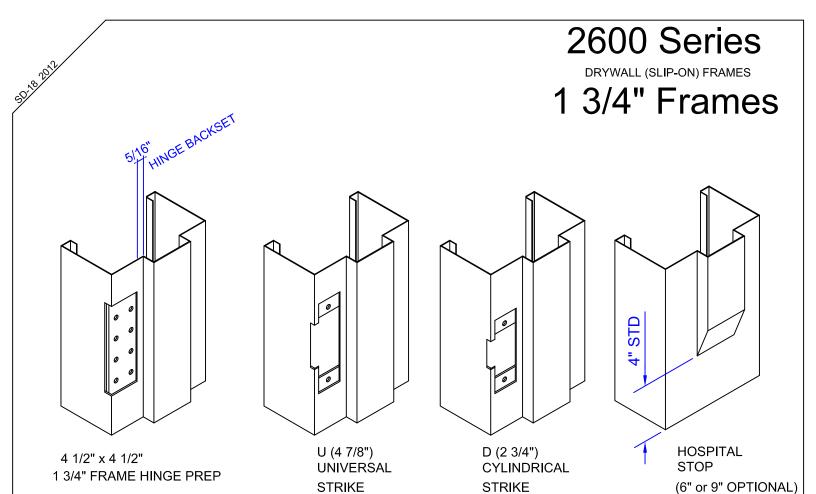
P&D 3/8" BOLT (OPTIONAL) SPECIFY "PDW"



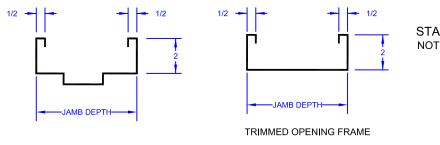
TYPICAL MITERED CORNER

INTERLOCK FRAME SHOWN WELDED MITER CORNERS OPTIONAL





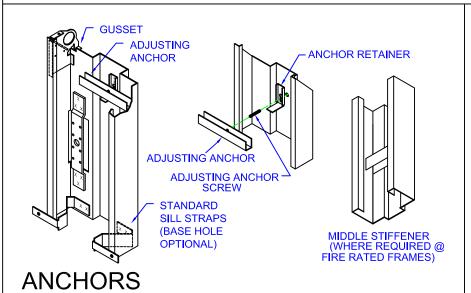
FRAME PREPARATIONS

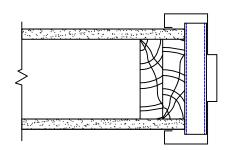


STANDARD 1 3/4" FRAME NOTE: SOFFIT SIZE INCREASES WITH FRAME DEPTH.

FRAME PROFILES

For Jamb Depths See Schedule

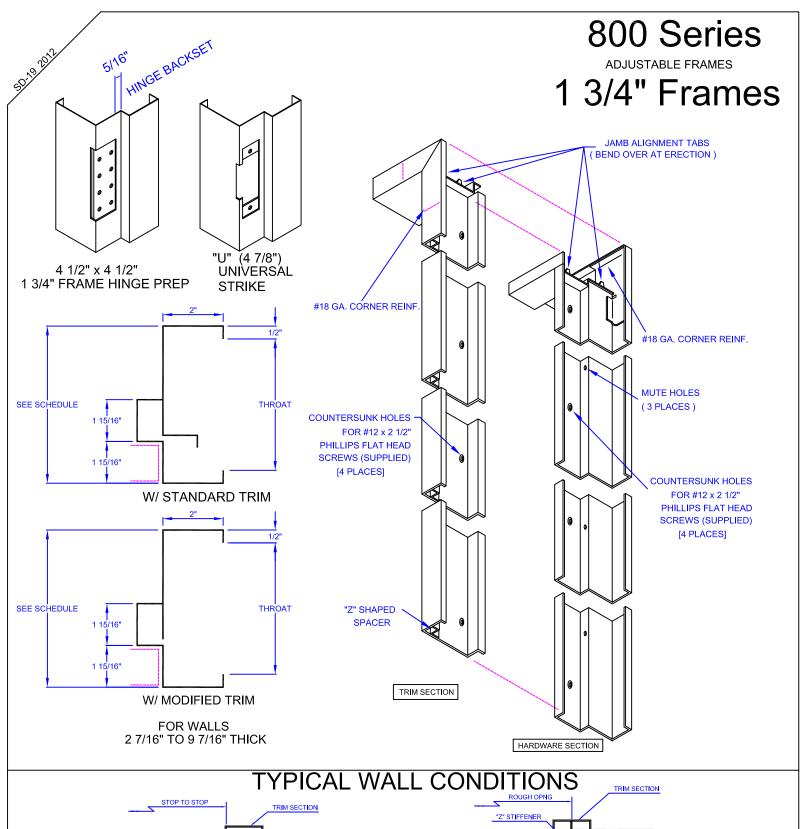


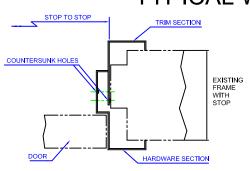


TYPICAL USAGE

WOOD STUD APPLICATION SHOWN ALSO APPLICABLE WITH:
LAMINATED DRYWALL
STEEL STUD WITH 1 & 2 PLY DRYWALL
NAILABLE STUD
AND PRECAST CONCRETE.

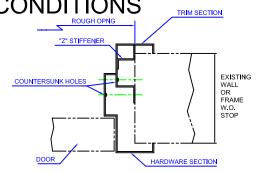








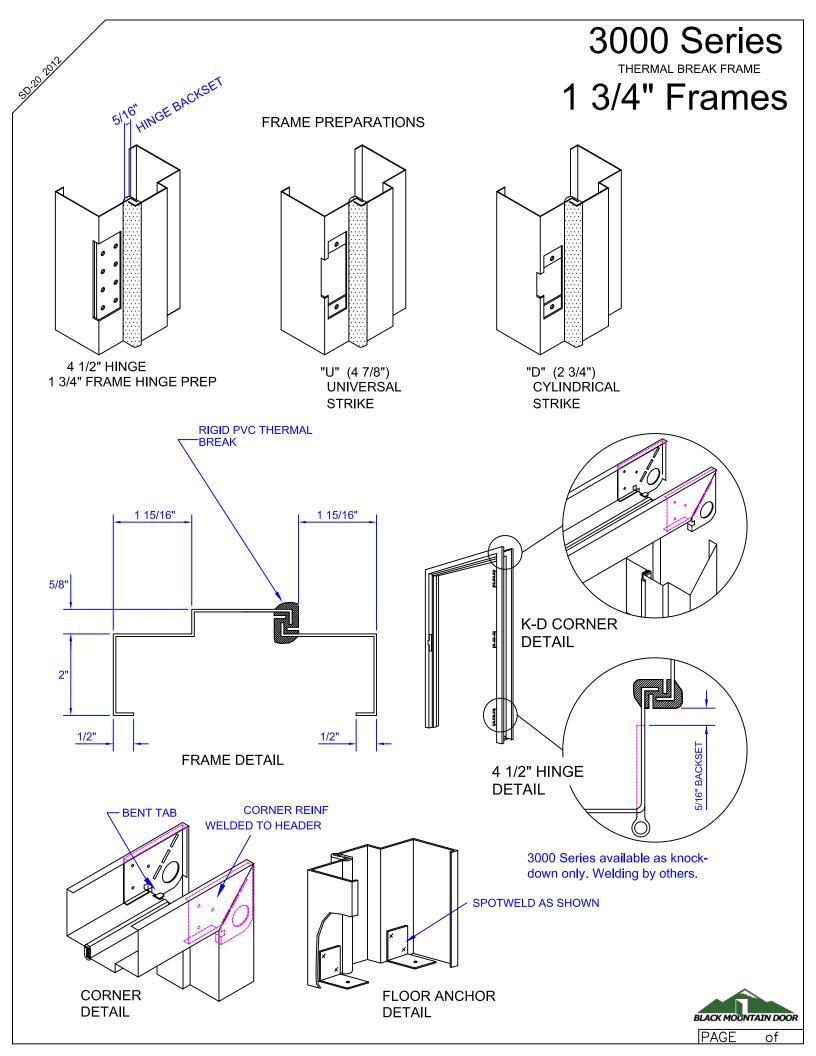
EXISTING STOP TO STOP WIDTH MINUS 1/2"
EXISTING STOP TO FLOOR HT. MINUS 1/4"

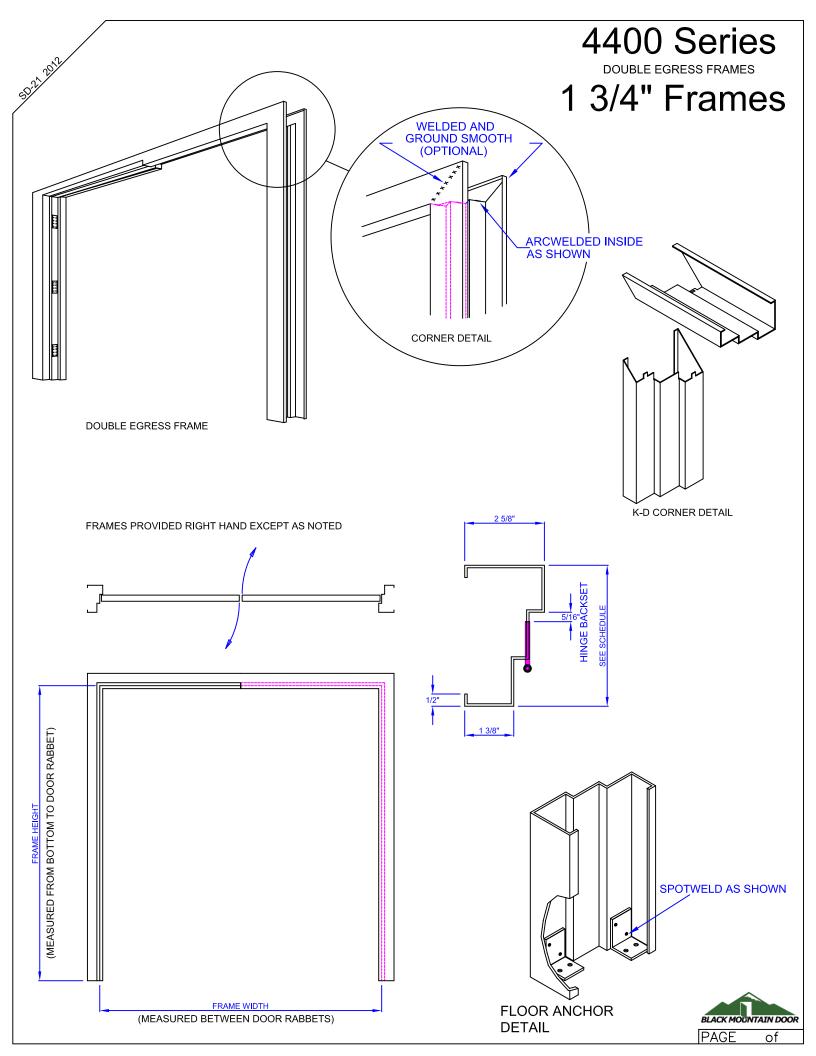


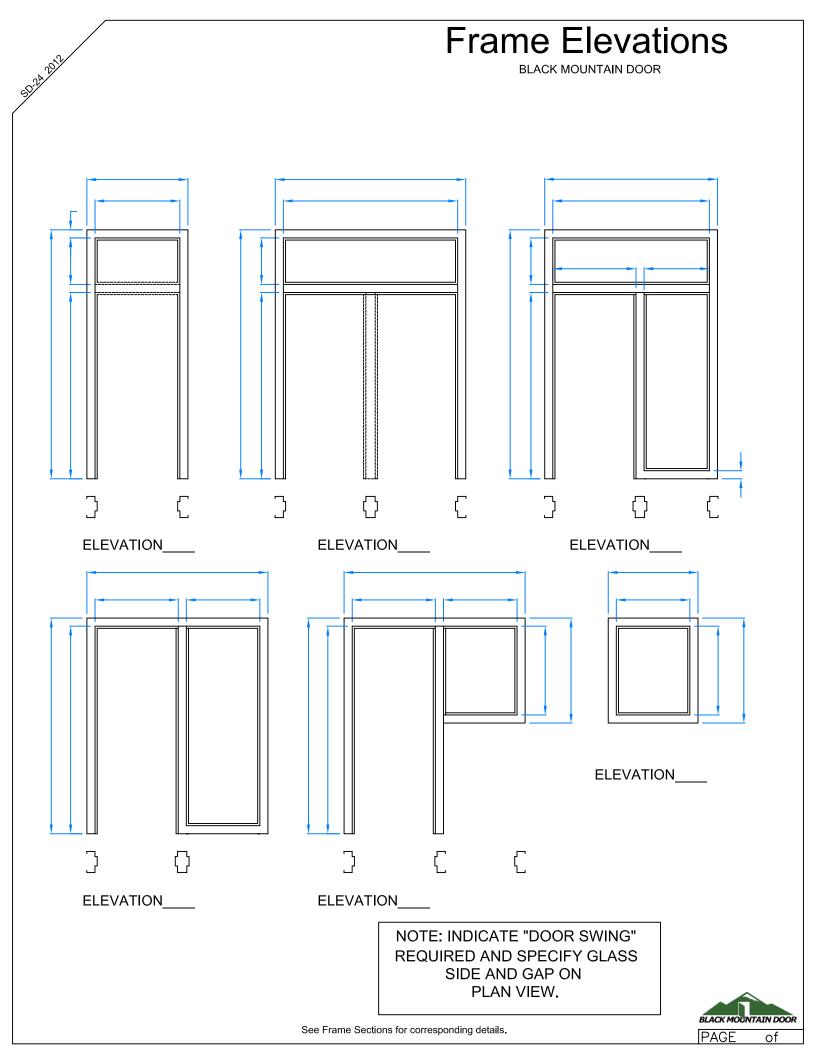
FOR FRAMES WITHOUT STOPS

EXISTING ROUGH OPNG WIDTH MINUS 2 1/8"
EXISTING ROUGH OPNG HEIGHT MINUS 1 1/8"





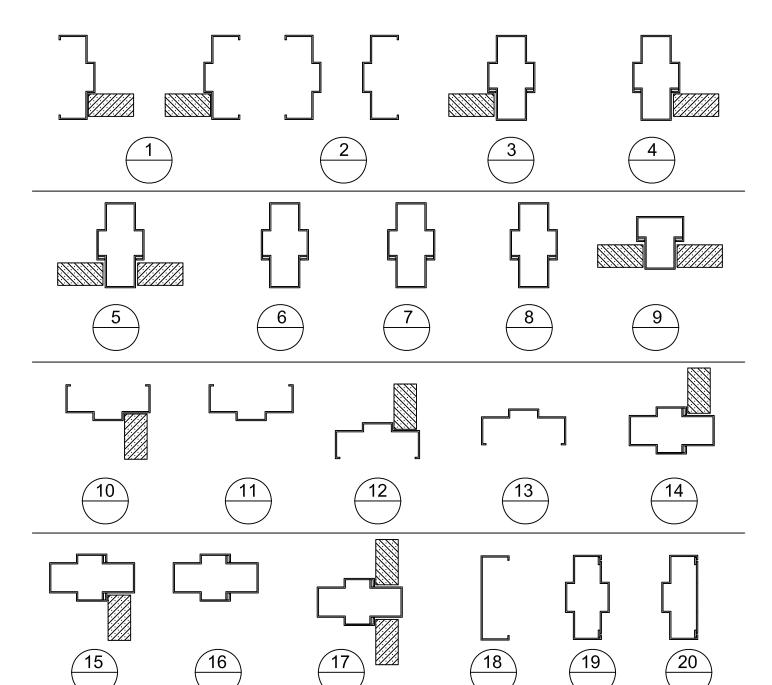


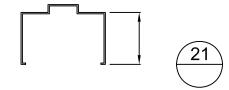


97.15 20°

Frame Sections





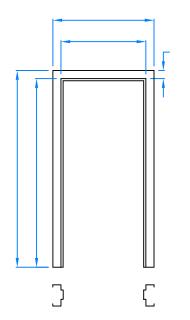




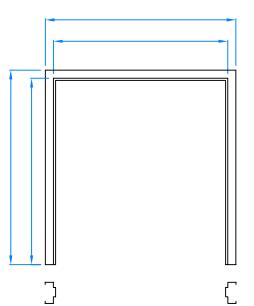
s972 2017

Frame Elevations

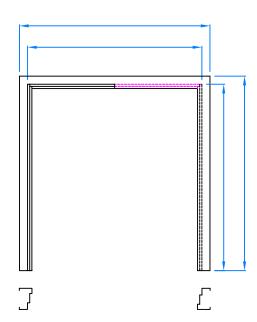




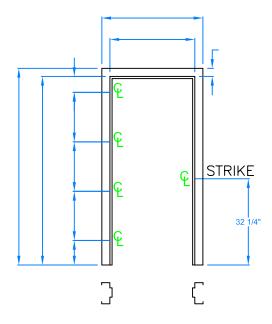




ELEVATION____ DOUBLE FRAME



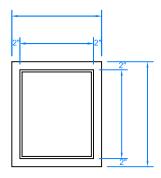
ELEVATION____
DOUBLE EGRESS FRAME



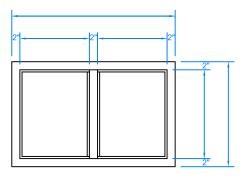
ELEVATION____
DUTCH DOOR FRAME

BORROWED LITE ELEVATIONS

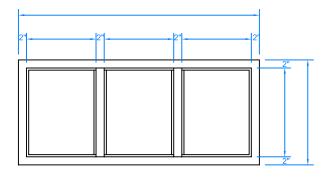




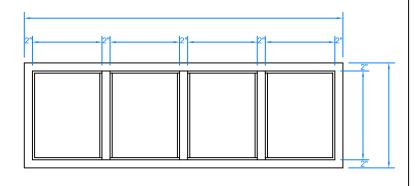
ELEVATION____ 8 W.S. ANCHORS



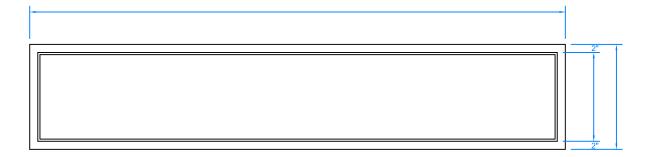
8 W.S. ANCHORS



ELEVATION____ 10 W.S. ANCHORS

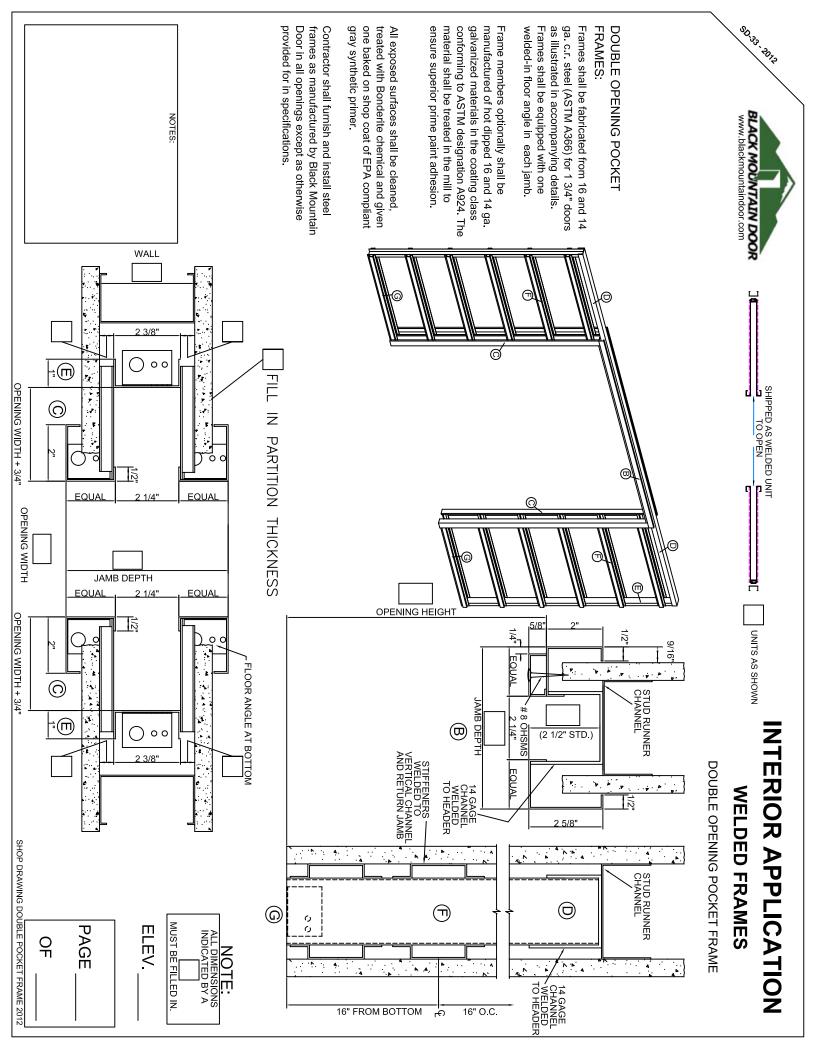


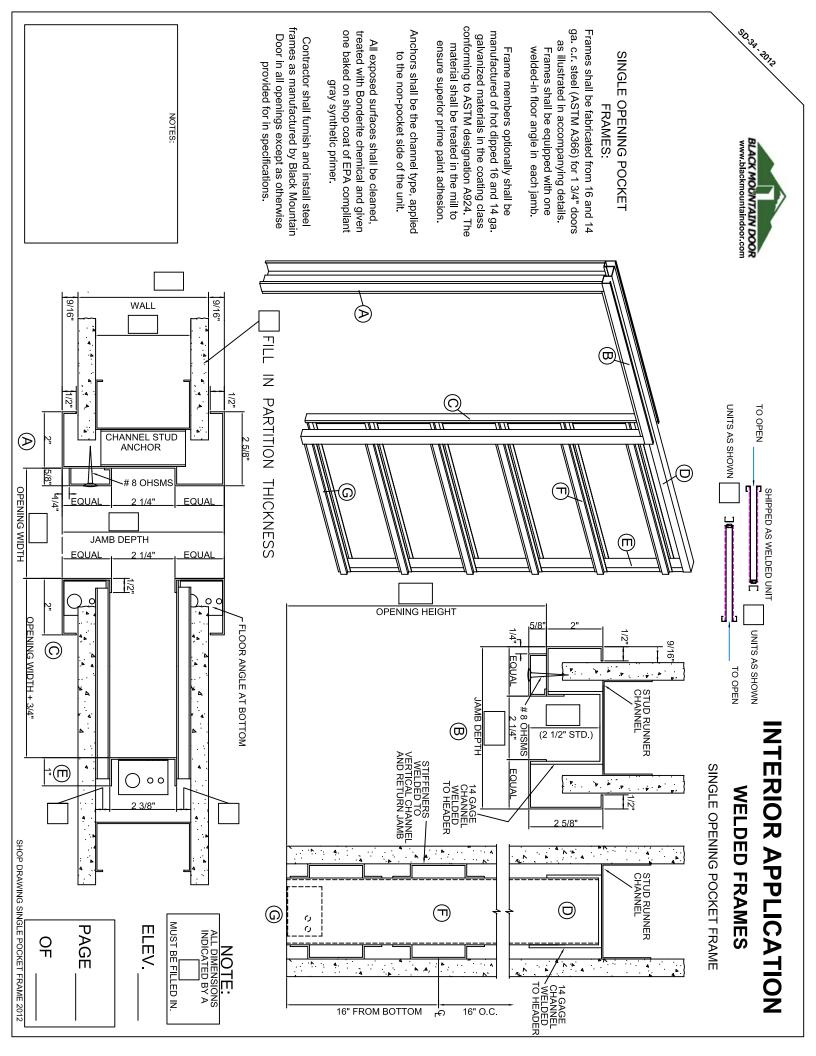
ELEVATION____ 12 W.S. ANCHORS



ELEVATION____ 10 W.S. ANCHORS







Special Glass Size Doors TYPICAL GLAZING VISIBLE LITE "A" 1 3/4" GLAZING GAP DOOR ONLY 3/8" GLAZING GLASS ORDER SIZE FRAME ORDER SIZE MINUS 1" GLÄSS 5/64" OPENING OUTSIDE DOOR CUTOUT SIZE VISIBLE LITE **DIMENSION** "B" ORDER SIZE PLUS 1 3/8" ORDER SIZE IS ORDER SIZE VISIBLE LITE MINUS 1" PLUS 2" **ORDER SIZE &** DOOR CUTOUT ORDER SIZE IS VISIBLE LITE PLUS 2" FRAME OPENING DIMENSION ORDER SIZE OUTSIDE INSIDE PLUS 1 3/8" HORIZONTAL SECTION VERTICAL SECTION D C SPG SPN SPV DIMENSIONS SHOWN ARE TO CLEAR VIEWING AREA (GLASS). Α В С D Top Rall Lock Stile SPECIAL HALF GLASS (SPG) SPECIAL NARROW LITE (SPN) SPECIAL VISION LITE (SPV) **BLACK MOUNTAIN DOOR**

PAGE

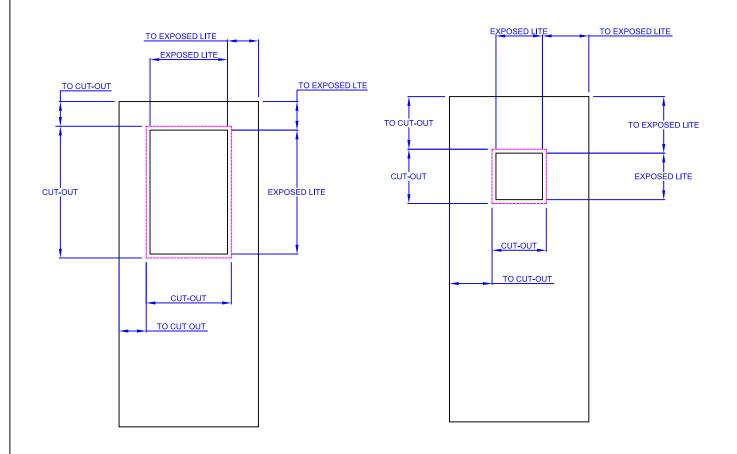
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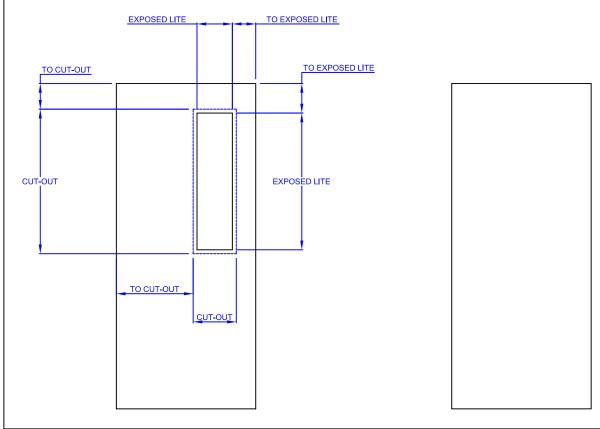
SD:18 1012

GLASS LITES

ALL DOOR SERIES

SPECIAL MOULDING & LOCATION SHEET



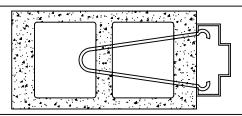




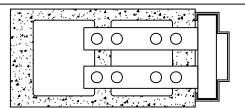
Anchors/Wall Conditions

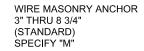
BLACK MOUNTAIN DOOR www.blackmountaindoor.com

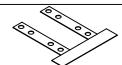
ALL ANCHORS "SNAP IN" UNLESS OTHERWISE NOTED

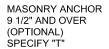


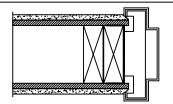




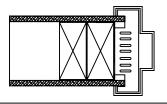








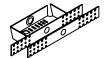




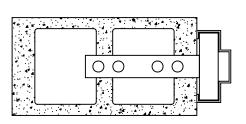




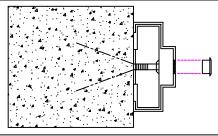
WOOD STUD ANCHOR 3 3/4",4 3/4",5 3/4",6 1/4" 6 3/4",7 3/4",8 1/4",8 3/4" (STANDARD) SPECIFY "S"



ADJUSTABLE WOOD STUD ANCHOR 5 3/4",6 1/4",6 3/4",7 1/4" 7 3/4",8 1/4",8 3/4" (OPTIONAL)

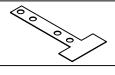








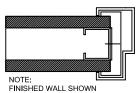
COW



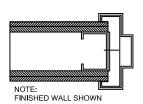
MASONRY ANCHOR UNDER 9 1/2" (OPTIONAL) SPECIFY "T"



COMPLETED OPENING **ANCHOR** 5 3/4",6 3/4" (7 3/4", 8 3/4" WELD IN) SPECIFY "CO"/"COW" (weld in)







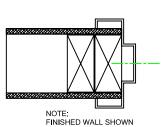




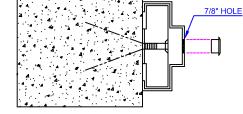
CHANNEL TYPE ANCHOR 3 3/4",4 3/4",5 3/4" (STANDARD) SPECIFY "CW"



CHANNEL STEEL STUD ANCHOR 3 3/4",4 3/4",5 3/4" (STANDARD) SPECIFY "C" OR "CW" ALL OTHER DEPTHS WELD IN











PUNCH & DRAW FOR 3/8" BOLT/ #12 WOOD SCREW ALL JAMB DEPTHS (OPTION) SPECIFY "PD12" (Wood screws), "PDW" (3/8" bolt)



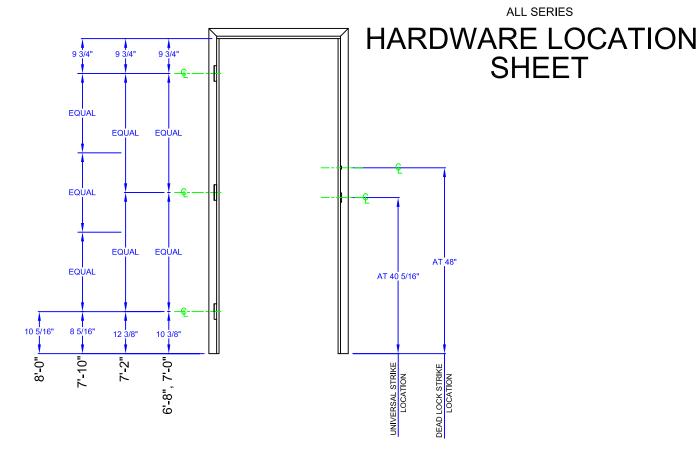
LAG COMPLETED OPENING ANCHOR 5 3/4",6 3/4" (7 3/4", 8 3/4" WELD IN) (OPTION) SPECIFY "LP"/ "LWS" (weld in) PAGE







FRAME & DOOR



HARDWARE LOCATIONS ARE SHOWN FOR STANDARD SIZES. CONSULT WITH MANUFACTURER FOR NON-STANDARD DIMENSIONS NOT FOR USE BY OTHER TRADES FOR MACHINING PURPOSES.

