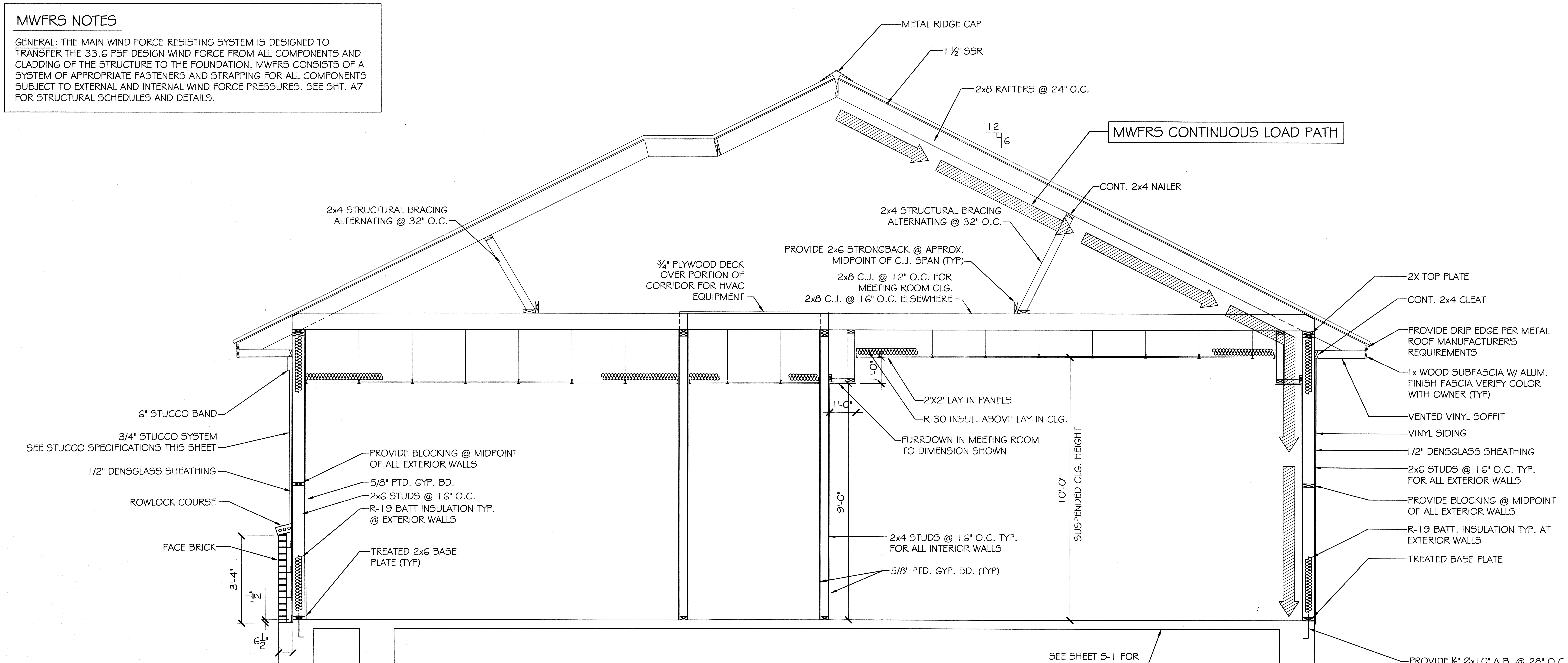
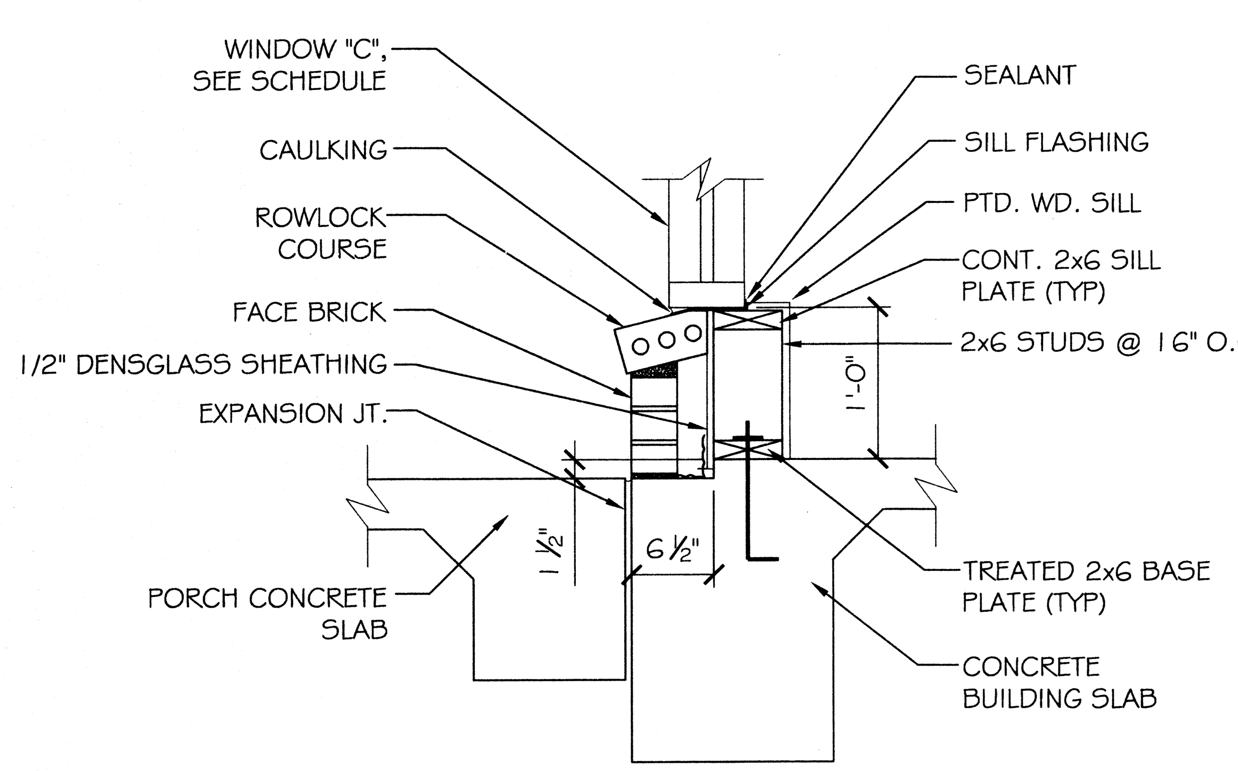
MWFRS NOTES

GENERAL: THE MAIN WIND FORCE RESISTING SYSTEM IS DESIGNED TO TRANSFER THE 33.6 PSF DESIGN WIND FORCE FROM ALL COMPONENTS AND CLADDING OF THE STRUCTURE TO THE FOUNDATION. MWFRS CONSISTS OF A SYSTEM OF APPROPRIATE FASTENERS AND STRAPPING FOR ALL COMPONENTS SUBJECT TO EXTERNAL AND INTERNAL WIND FORCE PRESSURES. SEE SHT. A7 FOR STRUCTURAL SCHEDULES AND DETAILS.



CROSS SECTION (A / A1 A4)
SCALE: 1/2"=1'



WINDOW SILL DETAIL AT PORCH (B / A1 A4)
SCALE: 1"=1'

THERMAL COMPONENT CRITERIA (U-FACTOR AND R-VALUE)

MAX. GLAZING U-FACTOR	MINIMUM INSULATION R-VALUE				
	CEILINGS	WALLS	FLOORS	BASEMENT WALLS	CRAWL SPACE WALLS
.75	R-26	R-13	R-11	R-5	R-5

BRICK LINTEL SCHEDULE

MAXIMUM CLEAR SPAN	STL. ANGLE SIZE (WxHxD)
<= 3'-0"	3-1/2" x 3-1/2" x 1/4"
3'-0" <= 4'-0"	3-1/2" x 4" x 1/4"

NOTE:
REQUIRED LENGTH OF BEARING: 6"

EXTERIOR STUCCO SPECIFICATIONS:

1. COMPLY WITH ASTM C-841 AND C-482. PROVIDE 3/4" OVERALL THICKNESS ON SELF-FURRING DIAMOND MESH GALVANIZED METAL LATH, 3.4 lb. PER SQ. YARD, ON "TYVEK" STUCCO WRAP. ATTACH LATH AT "DIMPLES" ONLY, WITH NON-CORROSIVE SCREWS.
2. METAL LATH AND ALL ACCESSORIES TO BE EQUAL TO "AMICO", TO INCLUDE CORNER BEADS, CASING BEADS, BASE SCREEDS, AND CONTROL JOINTS, ALL INSTALLED WITH NON-CORROSIVE SCREWS. ALL ACCESSORIES TO BE ZINC. ALL CORNERS TO BE MITERED.
3. STUCCO TO BE INSTALLED IN THREE COATS; SCRATCH, BROWN, AND FINISH. FINISH COAT TO BE ORIENTAL STUCCO WITH SAND FLOAT FINISH BY U.S. GYPSUM.
4. COMPLY WITH MFR. AND INDUSTRY RECOMMENDATIONS. INSTALL LATH IN ACCORDANCE WITH ASTM C-1063.
5. SUBMIT DATA / CUT SHEETS FOR ALL ITEMS IF REQUIRED.

WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS

FASTENER TYPE	FASTENER SPACING		
	PANEL SPAN ≤ 4 FOOT	4 FOOT PANEL SPAN ≤ 6 FOOT	6 FOOT PANEL SPAN ≤ 8 FOOT
2-1/2" #6 WOOD SCREWS	16"	12"	9"
2-1/2" #8 WOOD SCREWS	16"	16"	12"

WINDOWS IN BUILDINGS LOCATED IN WIND BORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS. WOOD STRUCTURAL PANELS WITH A MIN. THICKNESS OF 7/16" AND A MAX. SPAN OF 8 FEET SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED.

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BUILDING SECTION

REV:
SCALE: AS NOTED
JOB#: 2104
DATE: 05-20-11
SHEET 13

A-4

OF 20