

Figure 1: Schematic representation of the experimental design. The figure shows seven panels (A-G) illustrating the progression of a task. Panel A shows a single step with a 6-inch scale. Panel B shows a sequence of steps with a 6-inch scale. Panel C shows a sequence of steps with a 6-inch scale. Panel D shows a sequence of steps with a 6-inch scale. Panel E shows a sequence of steps with a 6-inch scale. Panel F shows a sequence of steps with a 6-inch scale. Panel G shows a sequence of steps with a 6-inch scale.

PLYWOOD SHEATHING

ALL PLYWOOD SHEATHING SHALL BE APA SPAN RATED, CD-GRADE, UNLESS OTHERWISE SHOWN, WITH EXTERIOR GLUE, EXPOSURE 1, MANUFACTURED IN ACCORDANCE WITH PRODUCT STANDARD PS183, LATEST EDITION.

ROOF SHEATHING 1/2" INDEX 32/16

VERIFY DIMENSIONS WITH THE ARCHITECTURAL DRAWING, RESOLVE ALL DISCREPANCIES WITH THE ARCH / ENGINEER PRIOR TO PROCEEDING WITH ANY WORK.

PLYWOOD SHEATHING SHALL BE LAID WITH END JOINTS STAGGERED.
LAY OUT PLYWOOD TO ELIMINATE ANY WIDTH LESS THAN 1'-0".
PROVIDE TEMPORARY EXPANSION JOINTS IN APA SPAN RATED SHEATHING DURING CONSTRUCTION IN ACCORDANCE WITH APA
RECOMMENDATIONS [SEE APA BULLETIN NUMBER U425A]. FOR PROLONGED PERIODS OF RAIN ADDITIONAL PROTECTION MAY BE
REQUIRED.

VERIFY DIMENSIONS WITH THE ARCHITECTURAL DRAWING, RESOLVE ALL DISCREPANCIES WITH THE ARCH / ENGINEER PRIOR TO PROCEEDING WITH ANY WORK.

A) ONE 4"x8" LINTEL FOR EACH 4' OF WALL THICKNESS
B) ONE 6"x8" LINTEL FOR EACH 6' OF WALL THICKNESS
REINFORCE EACH LINTEL UNIT WITH ONE #4 BAR TOP AND ONE #4 BAR BOTTOM, WITH 2" BARS SPACED AT 8" O.C. CONCRETE LINTEL UNITS SHALL HAVE 6" MINIMUM BEARING AT ENDS AND MAY BE USED FOR OPENINGS UP TO 8'-0". FOR ALL OPENINGS AND RECESSES IN BRICK WALLS, PROVIDE ONE STEEL ANGLE FOR EACH 4'-0" OF WALL THICKNESS AS FOLLOWS:

L 3/12 X 3 1/2 X 5'6" FOR OPENINGS UP TO 4'-0"
L 4 X 3 1/2 X 5'6" FOR OPENINGS 4'-1" TO 5'-11"
L 4 X 3 1/2 X 5'6" FOR OPENINGS 6'-0" TO 8'-0" WITH 6" MINIMUM BEARING FOR OPENINGS GREATER THAN 6'-0" FOR STEEL ANGLE LINTELS AND 8'-0" FOR PRECAST LINTELS UNLESS NOTED. PROVIDE 6" MINIMUM BEARING AT EACH END OR AS SHOWN ON PLAN.

STEEL TRUSS RAFTERS

CONNECTIONS SHALL BE CAPABLE OF TRANSMITTING THE STRESSES PLUS ALL ECCENTRICITIES. DESIGN SHALL CONFORM TO AISI AND AISC SPECIFICATIONS. SHOP DRAWINGS AND COMPUTATIONS SHALL BE SUBMITTED FOR APPROVAL SHOWING THE DESIGN OF THE TRUSS RAFTERS CAPABLE TO SUSTAIN TOTAL LOADS AND MECHANICAL EQUIPMENT. PROVIDE BRACING FOR SAFE ERECTION AND AS SHOWN ON THE DRAWINGS. SHOP DRAWINGS AND COMPUTATIONS FOR TRUSSES AND TRUSS BRACING DURING CONSTRUCTION, SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE BUILDING'S JURISDICTION.

ROOF DECK
ROOF DECK TO BE GALVANIZED, CONFORMING TO SDI SPECS.
UNLESS NOTED, FASTEN ROOF DECK BY WELDING WITH A 5/8" PUDDLE WELD TO STRUCTURAL MEMBERS AS FOLLOWS:
AT SPANDREL DECK END ONLY - @12" O.C.
AT INTERMEDIATE TRUSSES OR JOISTS - @18" O.C.
SIDE SEAMS - WELD OR BUTTON PUNCH @3'-0" O.C. MAXIMUM.

AT SPANDREL DECK END ONLY - @12" O.C.
AT INTERMEDIATE TRUSSES OR JOISTS - @18" O.C.
SIDE SEAMS - WELD OR BUTTON PUNCH @3'-0" O.C. MAXIMUM.

Project Title
RELOCATE DEMENTIA UNIT

Office of
Construction
and Facilities
Management

Location VAMC MARTINSBURG



Date	Checked	Drawn
8/6/2012	Checker	Author

S-401

Dwg. of --

A FORM 08-6231

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