

#15 LB FELT WHERE REQUIRED

ENGINEERED WOOD ROOF TRUSS  
 FIBERGLASS SHINGLES  
 7/16 OSB W/ CLIPS  
 BLOW-IN INSULATION R38

1X6 GUTTER BOARD WITH ALUM. GUTTER

VENTED SOFFIT  
 1/2" WALL SHEATHING

AIR SPACE  
 BRICK VENEER

METAL WALL TIES  
 WEEP HOLES @24"

FINISH GRADE

WATERPROOFING

SILT BARRIER

WASHED GRAVEL  
 20'X8' FOOTING

DOUBLE 2X4 TOP PLATE  
 1/2" DRYWALL  
 2X4X92 5/8 STUDS 16"O.C.  
 MOISTURE BARRIER  
 R-13 BATT INSULATION

3" OSB T&G  
 2X10 16" D.C.  
 2X10 RIM  
 2X4 PT PLATE  
 SILL SEALER  
 1/2" ANCHOR BOLTS 6" O.C.

8" POURED CONC. WALL  
 2 ROWS OF #4 BARS @ TOP MIDDLE & BOTTOM

4" CONC. FLOOR OVER GRAVEL FILL

6'-8" MIN HEADROOM

MIN

MAX

8 1/4"

'U' VALUE @ FLOOR	
IN/OUT AIR FILM	R=1.09
6 1/2" BATT INSULATION	R=19.00
3/4" PLYWOOD	R=0.93
TOTAL	R= 21.02
U= 1/R 1/ 21.02=.047	

'U' VALUES @ROOF AND WALLS			
ROOF		WALLS	
IN/OUT AIR FILM	R=.083	IN/OUT AIR FILM	R=.083
12" BLOWN INSULATION	R=38.00	BRICK VENEER	R=0.70
1/2" DRYWALL	R= 0.45	AIR SPACE	R=1.02
TOTAL	R=39.3	1/2" SHEATHING	R=3.60
U=1/R =1/ 39.3=.025		3 1/2" BATT INSULATION	R=13.00
		1/2" DRYWALL	R=0.45
		TOTAL	R=19.62
		U=1/R=1/ 19.62=.051	

HANDRAIL MIN 34" FROM THE NOSE OF THE TREAD

TYPICAL SECTION VIEW