Design # 76874

MENARDS® Design-It® Garage

8/18/2009

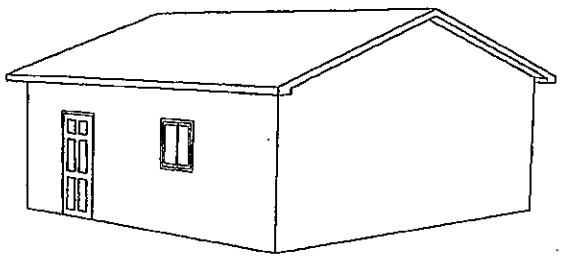
***** Take this sheet to the Building Materials counter to purchase your materials.**

You have selected a Garage with:

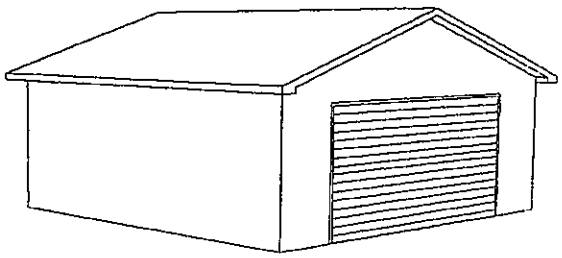
24' Wide X 24' Deep X 9' High
Gable roof w/ 4/12 pitch trusses 2' O.C.
2x4 Wall Framing Material
12" gable/12" eave overhangs
7/16" OSB Wall Sheathing
Typar Housewrap
7/16" OSB Roof Sheathing
8" Textured Fiber Cement Lap Siding
1x4 Smart Trim Outside Corners
20 yr. Classic, Bark Brown Shingles
Sandstone Aluminum Soffit & Fascia
Sandstone Premium Roof Edge
White Vinyl Overhead Door Jamb
1 - Garage Door Opener

The options you have selected are:
15 LB Roof Felt

Front View



Back View



Today's cost for materials estimated in this design: $4,339.83

*The base price includes: 0" Eave/0" Gable Overhangs, Framing Materials, 7/16 OSB Roof Sheathing, 20 yr. Fiberglass Classic - Onyx Black Shingles, Pine Fascia, Galvanized Regular Roof Edge, 8" Textured Vertical Hardboard Siding, No Service Doors, No Overhead Doors, No Windows, or Any Other Options.

***(BASE price): $2,315.51**

If purchased today, you save: $367.35

Monthly BIG Card Payment would be: $121.88

All information on this form, other than price, has been provided by guest and Menards is not responsible for any errors in the information on this estimate, including but not limited to quantity, dimension and quality. Please examine this estimate carefully. MENARDS MAKES NO REPRESENTATIONS, ORAL, WRITTEN OR OTHERWISE, THAT THE MATERIALS LISTED ARE SUITABLE FOR ANY PURPOSE BEING CONSIDERED BY THE GUEST. BECAUSE OF THE WIDE VARIATIONS IN CODES, THERE ARE NO REPRESENTATIONS THAT THE MATERIALS LISTED HEREIN MEET YOUR CODE REQUIREMENTS.

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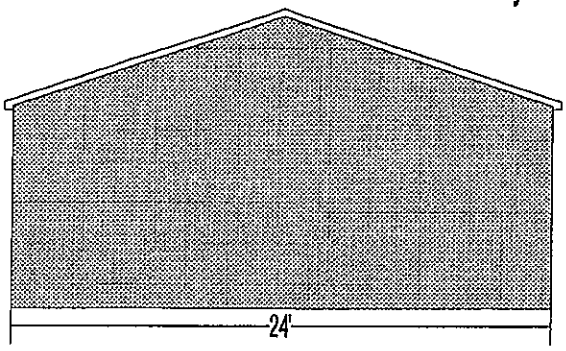
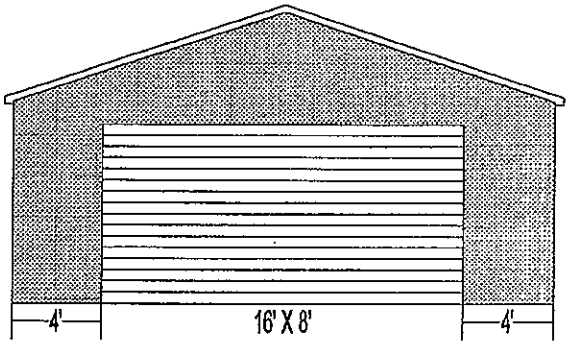
*** Here are the wall configurations for your design.

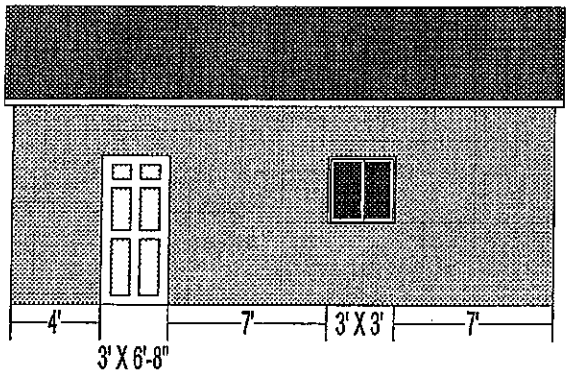
Illustration May Not Depict All Options Selected



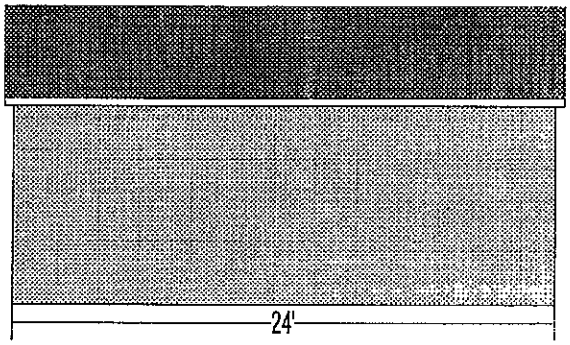
Gable Front View



Gable Back View

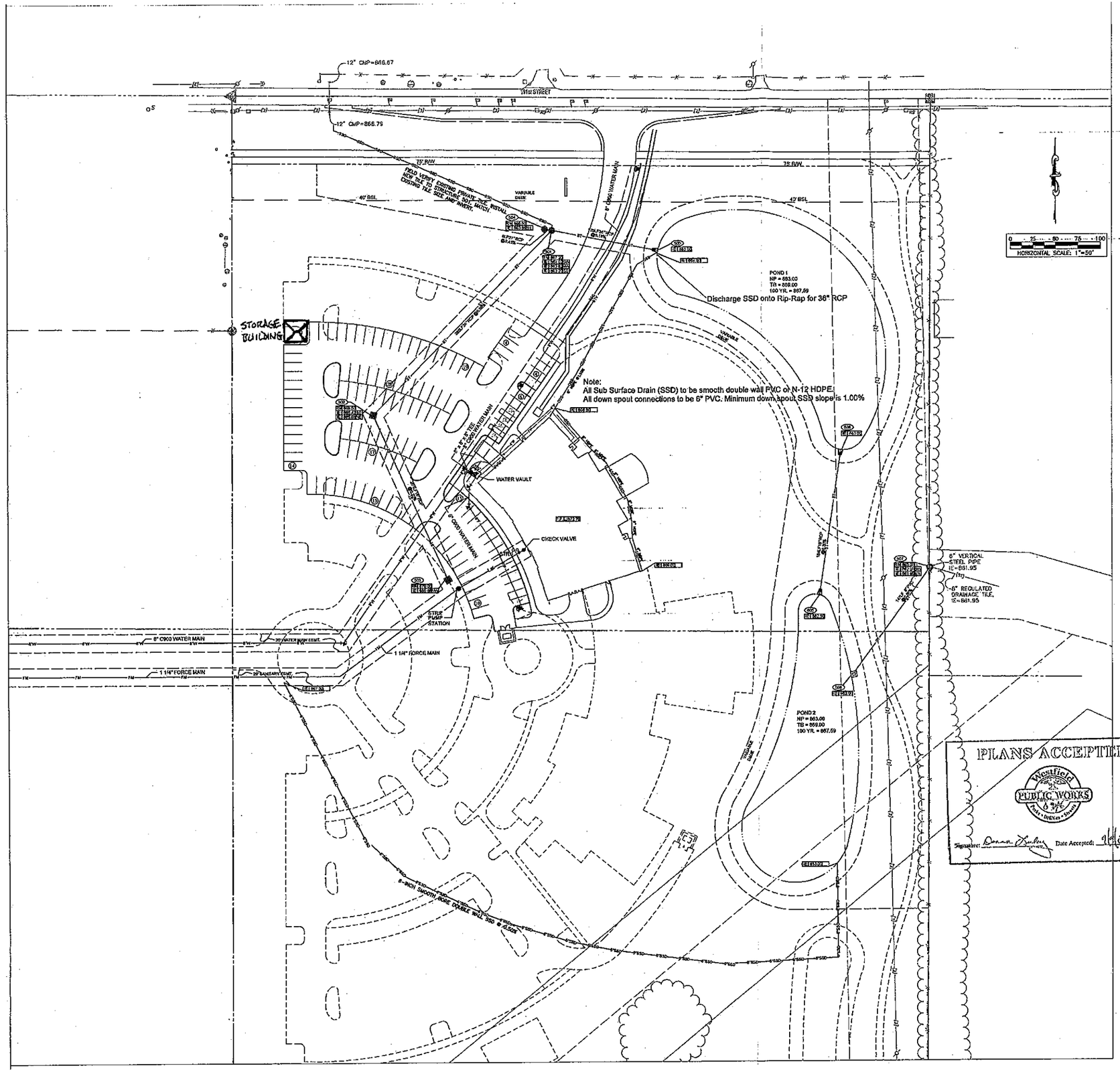


Eave Front View



Eave Back View

Menards provided material estimates are intended as a general construction aid and have been calculated using typical construction methods. Because of the wide variable in codes and site restrictions, all final plans and material lists must be verified with your local zoning office, architect and/or builder for building design and code compliance. Menards is a supplier of construction materials and does not assume liability for design, engineering or the completeness of any material lists provided. Underground electrical, phone and gas lines should be located and marked before your building plans are finalized. Remember to use safety equipment including dust masks and sight and hearing protection during construction to ensure a positive building experience.



UTILITY NOTES

1. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING PLANS FOR CONTINUATION OF UTILITIES WITHIN 5 FEET OF STRUCTURES.
2. PRESSURE UTILITY MAINS AND SERVICE LINES MAY NEED TO BE INSTALLED AT A DEPTH GREATER THAN THAT SPECIFIED OR SHOWN ON THE DRAWINGS TO CLEAR EXISTING AND PROPOSED CROSSING UTILITIES. IN SUCH CASES, THE CONTRACTOR SHALL INSTALL VERTICAL BENDS AS REQUIRED TO ACHIEVE APPROPRIATE CLEARANCE BETWEEN THE CROSSING UTILITIES.
3. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET BETWEEN WATER LINES AND SEWERS SHALL BE MAINTAINED AT ALL TIMES. A MINIMUM VERTICAL SEPARATION OF 18 INCHES BETWEEN WATER LINES AND SEWERS SHALL BE MAINTAINED AT CROSSINGS. IN THE EVENT THAT MINIMUM SEPARATION REQUIREMENTS CANNOT BE MET, THE CONTRACTOR SHALL UTILIZE PRESSURE-TYPE WATER PIPE FOR THE SEWER PER DETAIL SA-9.
4. WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 54 INCHES OF COVER AS MEASURED FROM THE TOP OF THE PIPE TO THE FINAL FINISH GRADE ABOVE THE PIPE.
5. THRUST BLOCKS OR JOINT RESTRAINTS SHALL BE INSTALLED ON ALL WATER LINES AT ALL BENDS, TEES AND HYDRANTS PER THE DETAILS.
6. PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER TO CENTER OF STRUCTURES ROUNDED TO THE NEAREST FOOT.
7. PIPE LENGTHS SHOWN FOR STORM SEWERS ARE MEASURED TO THE DOWNSTREAM END OF END SECTIONS.
8. WHERE GRADE MODIFICATIONS (CUT OR FILL) ARE SHOWN ADJACENT TO EXISTING VALVE BOX COVERS AND MANHOLE CASTINGS, THE VALVE BOX COVERS AND MANHOLE CASTINGS SHALL BE ADJUSTED FLUSH WITH THE PROPOSED GRADE.
9. ADJUSTMENTS OF EXISTING MANHOLE CASTINGS TO GRADE TO A MAXIMUM OF 12 INCHES SHALL BE MADE USING PRECAST CONCRETE ADJUSTING RINGS PROVIDED THE TOTAL HEIGHT OF EXISTING AND NEW ADJUSTING RINGS DOES NOT EXCEED 12 INCHES.
10. ADJUSTMENTS OF CASTINGS WHERE THE TOTAL HEIGHT OF ADJUSTING RINGS WOULD EXCEED 12 INCHES SHALL BE MADE BY REPLACING THE CONE AND/OR BARREL SECTION OF THE STRUCTURE.
11. PAVEMENTS, WALKS, CURBS AND OTHER SURFACE IMPROVEMENTS REQUIRING REMOVAL FOR INSTALLATION OF UNDERGROUND UTILITIES SHALL BE RESTORED TO THEIR PRESENT CONDITION UNLESS OTHERWISE SHOWN.
12. MANHOLE CASTINGS LOCATED WITHIN ASPHALT PAVEMENT AREAS SHALL INCLUDE A CONCRETE PAVED COLLAR EXTENDING A MINIMUM OF 12 INCHES IN ALL DIRECTIONS FROM THE EDGE OF THE CASTING PER THE DETAILS.

LEGEND OF PROPOSED UTILITY IMPROVEMENTS

UTILITY	DESCRIPTION	LINE TYPE/SYMBOL
SANITARY SEWERS		
	STRUCTURE NUMBER	208
	RIM ELEVATION	R.M. 875.50
	INVERT ELEVATION	IE 871.50
	PIPE WITH SIZE AS SHOWN	S
	FORCE MAIN	FM
	MANHOLE	S
	LATERAL SIZE AS SHOWN	8"Lat
	CLEAN OUT	C.O.
STORM SEWERS		
	STRUCTURE NUMBER	100
	RIM ELEVATION	RM 875.00
	INVERT ELEVATION	IE 871.50
	PIPE WITH SIZE AS SHOWN	ST
	SUB-SURFACE-DRAIN - SIZE AS SHOWN	8"SSD 8"SSD
	LATERAL	Lat
	INLETS	
	END SECTION	
	MANHOLE	D
	ROOF DRAIN / DOWNSPOUT	D.S.
	SWALE / FLOW LINE	900 900
	CLEANOUT	C.O.
WATERLINE		
	WATERLINE - SIZE AS SHOWN	W
	FIRE LINE - SIZE AS SHOWN	F
	BENDS	
	FITTINGS	
	VALVES	WV
	METER	W M
	FIRE HYDRANT	
	AIR RELIEF VALVE	
	BLOW OFF ASSEMBLY	
	POST INDICATOR VALVE (PIV)	
	FIRE DEPT. CONNECTION	
	SPRINKLER HEAD	
GAS		
	GAS LINE - SIZE AS SHOWN	G
	GAS METER	G M
	GAS VALVE	GV
ELECTRIC		
	BURIED ELECTRIC LINE	E
	AERIAL ELECTRIC	E
	TRANSFORMER	T
	POWER POLE	
	PARKING LOT LIGHTING	
	AREA LIGHTING	
	METER	M
	MANHOLE	E
	HVAC	HC
TELEPHONE		
	AERIAL TELEPHONE LINE	T
	BURIED TELEPHONE	T
	PEDESTAL	

NOTES:
SEE EXISTING CONDITIONS PLAN FOR EXISTING UTILITY LEGEND.
EXISTING UTILITY LINE TYPES ARE NOTED WITHIN BRACKETS.

1. REVISED FFE AND RIM ELEVATIONS FOR STR. #501, AND STR. #503
2. REVISED WATER VAULT AND WATER MAIN, ADD HYDRANT AT ENTRANCE. DATE: 09-27-07

BENCHMARK DATA

PROJECT BENCHMARK:
U.S.G.S. DATUM BENCHMARK INFORMATION:
FEMA Reference Mark RM 130-E is chiselled square cut in end of southwest wing wall of bridge over North Cool Creek on Pippins Road in Section 30, T-19-N, R-4-E.
B.M. ELEVATION = 880.12 (NGVD 29)

ON SITE BENCHMARK:
BENCHMARK INFORMATION:
Bench tie set in the Northwest side of powerpole #075-324 B2 which is along the North side of 191st Street 101 feet east of the Southwest corner of the surveyed parcel.
B.M. ELEVATION = 881.97

"HOLEY MOLEY" SAYS CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU DIG! IT'S THE LAW.

1-800-382-5544 CALL TOLL FREE
1-800-428-5200 FOR CALLS OUTSIDE OF INDIANA

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PROFESSIONAL ENGINEER

Darren T. Pittman

Project No. 2005.014
Project Date 13 June 2007
Produced tmk
Revision Date SEPTEMBER 27, 2007

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Lord of Life Lutheran Church

4445 East 191st Street
Westfield, Indiana 46074

2005.014

EMHT PROJ.#20061447

Utility Plan

C201