

CITY OF NAPOLEON GENERAL PERMIT APPLICATION

THIS APPLICATION IS FOR RESIDENTAL CONSTRUCTION INCLUDING BUILDING, ELECTRICAL,
PLUMBING, MECHANICAL & REMODELING

KH 13-0334
Bldg.

DATE 8-25-13 JOB LOCATION 131 RAILROAD ST.

OWNER NORMAN MINNICK TELEPHONE # 419-966-1016

OWNER ADDRESS 71 OAK DR NAPOLEON OH

CONTRACTOR NORMAN MINNICK CELL PHONE # 419-966-1016

DESCRIPTION OF WORK TO BE PERFORMED DECK AT BACK.

PORCH ROOF ON FRONT

ESTIMATED COMPLETION DATE NOV. 1. ESTIMATED COST 1500⁰⁰

Affected Floor Area (AFA): In existing structures, it is the area affected by the improvement, i.e. a new wall dividing a room (the AFA would be only the room and not all the rooms).

DESCRIPTION	FEE	TOTAL COST
BUILDING:		
<i>Decks</i>	\$25.00	\$ <u>25.00</u>
<i>Addition & Alterations</i> Square foot in (AFA) _____ x \$0.05 = \$ _____ +	\$25.00 =	\$ _____
<i>Garage and Shed over 200 SF (Detached)</i>	\$25.00	\$ _____
<i>Siding and/or Roofing</i>	\$25.00	\$ _____
<i>Windows/Doors</i>	\$25.00	\$ _____
ELECTRICAL:		
<i>Electrical</i> Circuits in (AFA) _____ x \$3.00/Circuit = \$ _____ +	\$25.00 =	\$ _____
<i>Electrical Service Upgrade</i>	\$25.00	\$ _____
MECHANICAL:		
<i>Water Heater</i>	\$25.00	\$ _____
<i>Furnace and/or AC Replacement</i>	\$25.00	\$ _____
PLUMBING:		
<i>Plumbing</i> Traps in (AFA) _____ x \$3.00/Trap = \$ _____ +	\$25.00 =	\$ _____
TOTAL plus Ohio Board of Building Standards Fee 1%		\$ <u>25</u>

TOTAL FEE: \$ 25.25

I FULLY UNDERSTAND THAT NO EXCAVATION, CONSTRUCTION OR STRUCTURAL ALTERATION, ELECTRICAL OR MECHANICAL INSTALLATION OR ALTERATION OF ANY BUILDING STRUCTURE, SIGN, OR PART THEREOF AND NO USE OF THE ABOVE SHALL BE UNDERTAKEN OR PERFORMED UNTIL THE PERMIT APPLIED FOR HEREIN HAS BEEN APPROVED AND ISSUED BY THE CITY OF NAPOLEON BUILDING/ZONING DEPARTMENT.

I hereby certify that I am the Owner of the named property, or that the proposed work is authorized by the Owner of record and that I have been authorized by the Owner to make this application as his/her authorized agent and I agree to conform to all applicable laws of the jurisdiction. In addition, if a permit for Work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit.

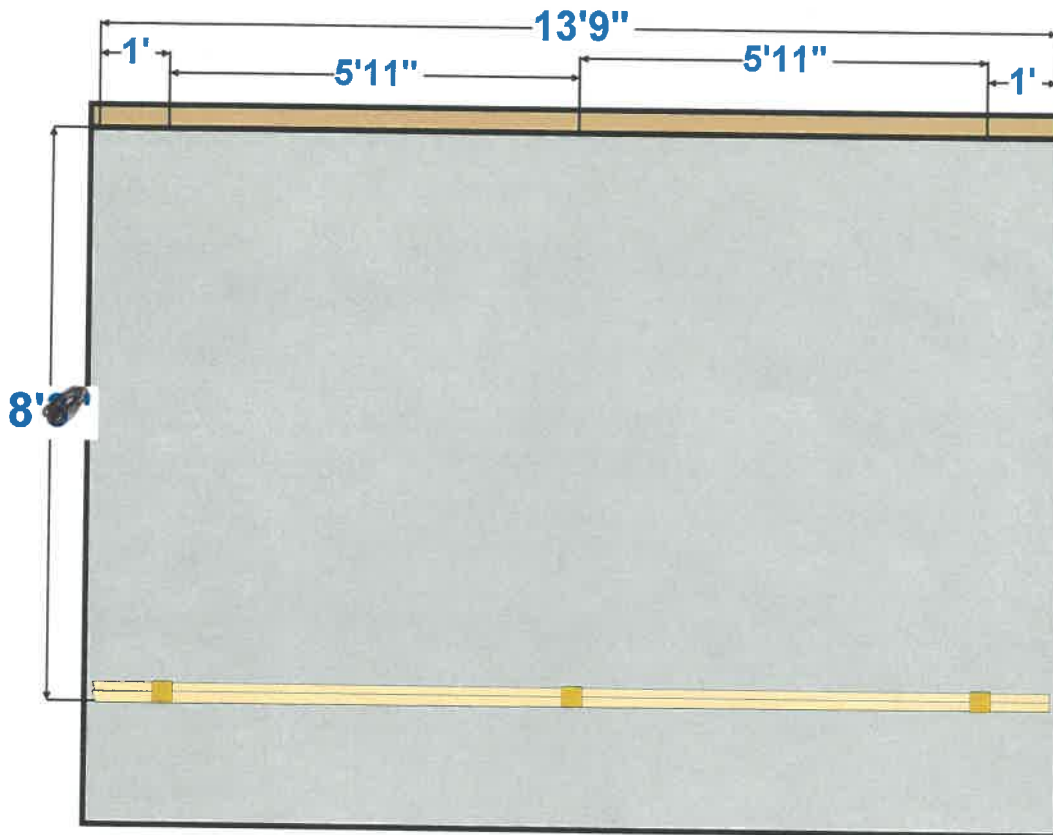
I HEREBY ACKNOWLEDGE THAT I HAVE READ AND FULLY UNDERSTAND THE ABOVE LISTED INSTRUCTIONS.

SIGNATURE OF APPLICANT: Norm Minnick DATE: _____

PRINT NAME: _____

PERMIT # _____ BATCH # _____ CHECK # 1200 DATE 8-23-13

Post and Beam Dimension Sheet for Level 1



131
Railroad

Layout dimension sheets are intended as a construction aid. Not all options selected are shown.

You may buy all the materials or any part at low cash and carry prices. Because of the wide variable in codes, Menards cannot guarantee that materials listed will meet your code requirements. Check with your local municipality for plan compliance and building permit. These plans are suggested designs and material lists only. Some items may vary from those pictured. We do not guarantee the completeness or prices of these structures. Tax, labor and delivery not included.



Illustration intended to show general deck size and shape. Some Options selected may not be shown for picture clarity.

Today's cost for materials estimated in this design with options: **\$826.97**

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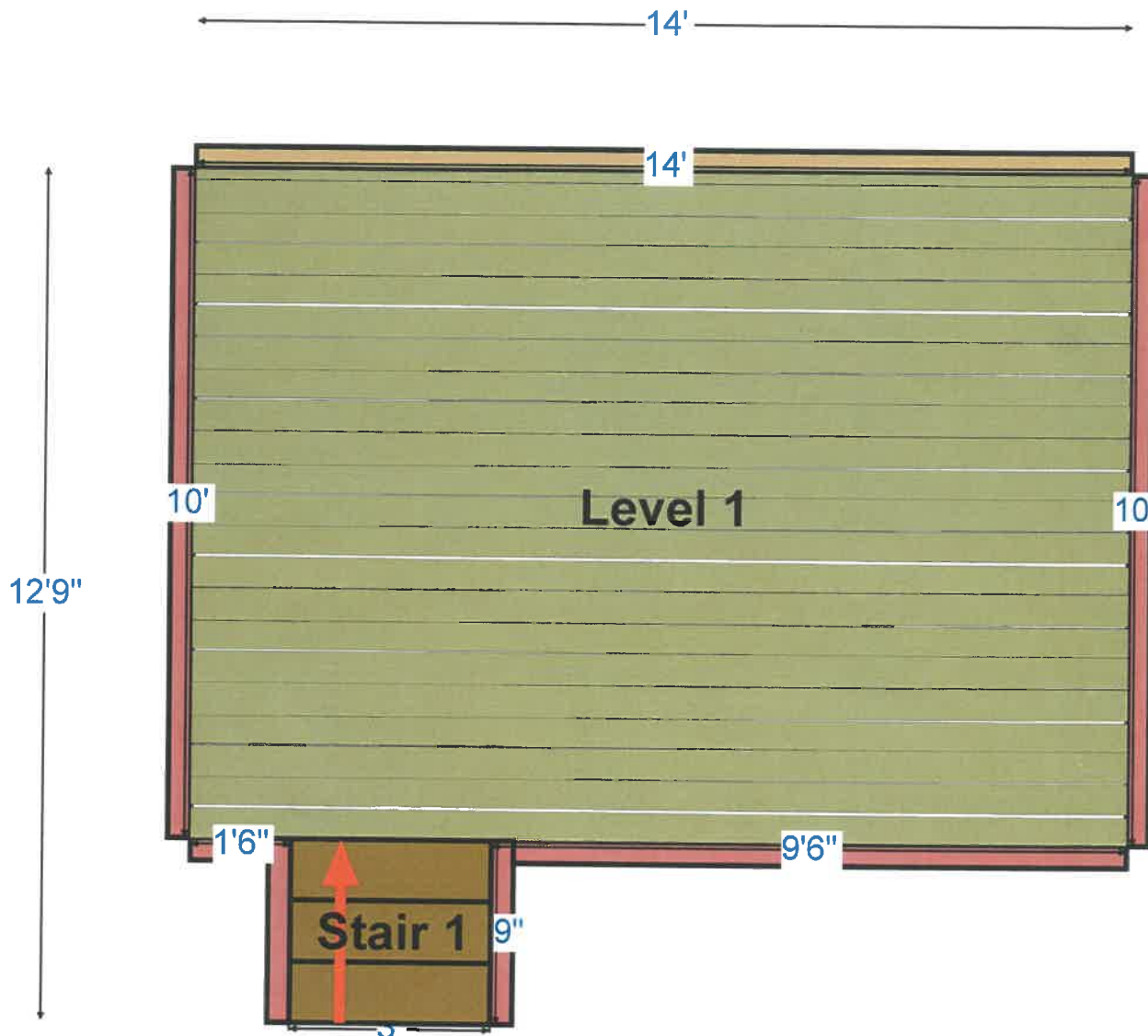
Tax, labor and delivery not included.

*(Base Price): \$762.68

The base price includes: 40 PSF deck live load, AC2 2x6 deck boards in horizontal direction, AC2 4x4 framing posts, precast concrete (1 bag) footing, AC2 joists and beams with two feet cantilever, galvanized framing fasteners and joists hangers, and premium deck board screws.

If purchased today, you save: \$48.83

Monthly BIG Card Payment would be: \$25.00



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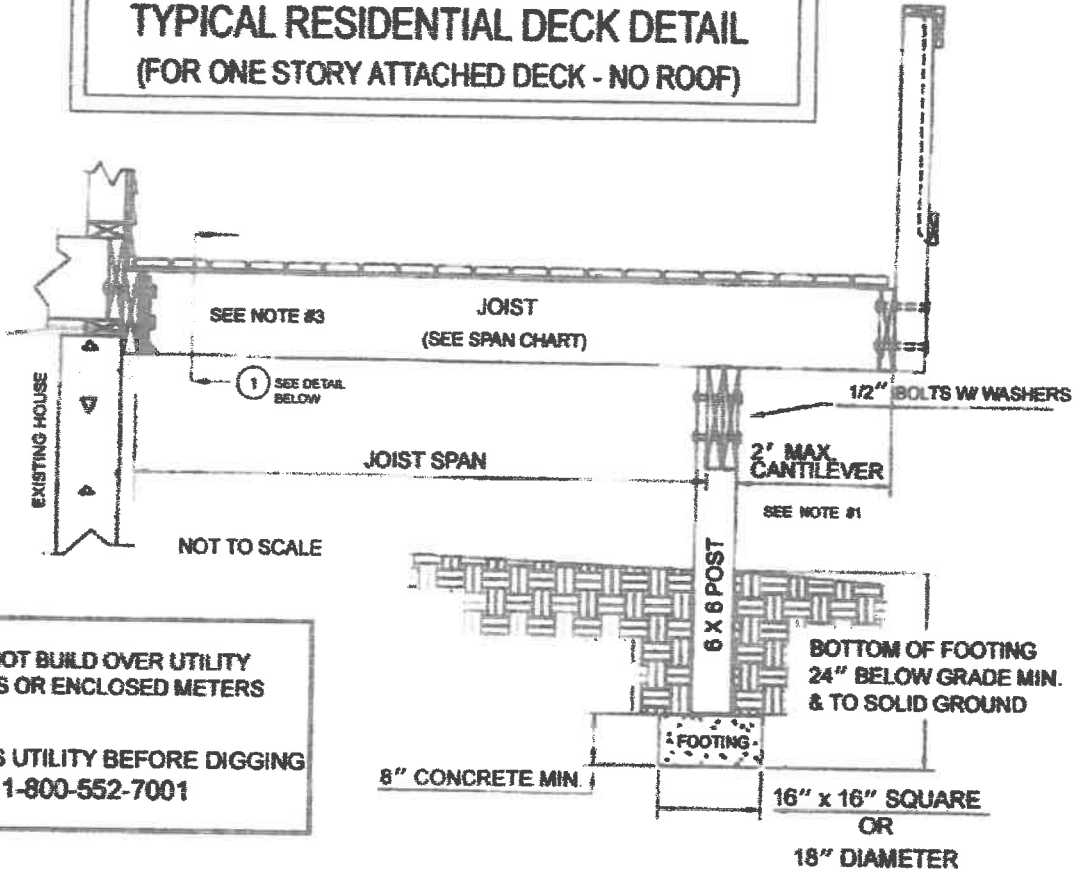
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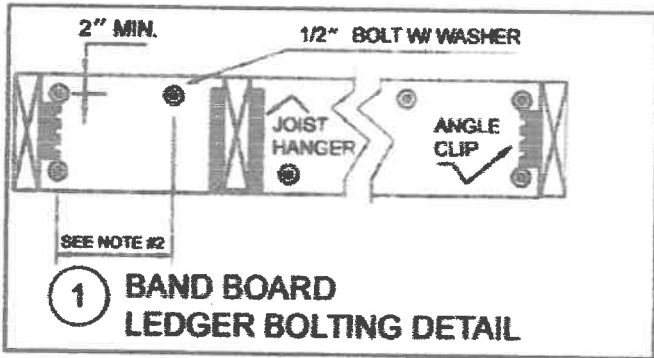
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**LOUDOUN COUNTY
TYPICAL RESIDENTIAL DECK DETAIL
(FOR ONE STORY ATTACHED DECK - NO ROOF)**



DO NOT BUILD OVER UTILITY LINES OR ENCLOSED METERS
CALL MISS UTILITY BEFORE DIGGING
1-800-552-7001



NOTES:

1. CANTILEVER NOT TO EXCEED 1/4 OF JOIST SPAN WITH 2' MAX. CANTILEVER.
2. 1/2" DIA. CARRIAGE OR LAG BOLTS 16" O.C.
3. LEDGER ATTACHMENT TO HOUSE MUST BE FIELD INSPECTED FOR SOLID ATTACHMENT.
4. THESE TYPICAL DETAILS SHALL NOT BE USED FOR DECKS SUPPORTING HOT TUBS, ROOFS, GAZEBOS OR DECKS DETACHED FROM HOUSE.
5. ALL FASTENERS & NAILS SHALL BE CORROSION RESISTANT.

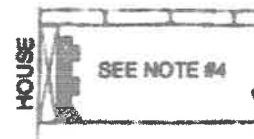
JOIST SPAN TABLE
 TREATED S.Y.P. #2

JOIST	12" O.C.	16" O.C.	24" O.C.
2x6	10' - 3"	9' - 4"	8' - 2"
2x8	13' - 6"	12' - 3"	10' - 9"
2x10	17' - 3"	15' - 8"	13' - 8"
2x12	21' - 0"	19' - 1"	16' - 8"

NOTES:

1. DIAGONAL BRACING REQUIRED UNDER JOISTS, MAY OMIT IF DECK BOARDS ARE INSTALLED DIAGONALLY
2. BAND BOARD ATTACHMENT TO CANTILEVERED FLOORS, BAY WINDOWS, CHIMNEYS OR BRICK VENEER NOT ALLOWED.
3. MAXIMUM BEAM CANTILEVER IS 24"
4. ONLY APPROVED TECO NAIL CAN BE USED WITH JOIST HANGERS. NO SCREWS ALLOWED.
5. ALL BEAM SPLICES MUST BE OVER POSTS.
6. BEAMS MUST BE ATTACHED TO NOTCHED POSTS W/ (2) 1/2" DIA. BOLTS PER POST.
7. DECKS WHICH ARE LESS THAN 42" FROM GROUND LEVEL WILL REQUIRE A FRAMING INSPECTION PRIOR TO INSTALLING DECK FLOOR BOARDS.
8. DOUBLE JOIST BEAMS WHEN UP TO 3 JOISTS ARE CUT. TRIPLE JOIST BEAMS WHEN UP TO 5 JOISTS ARE CUT.

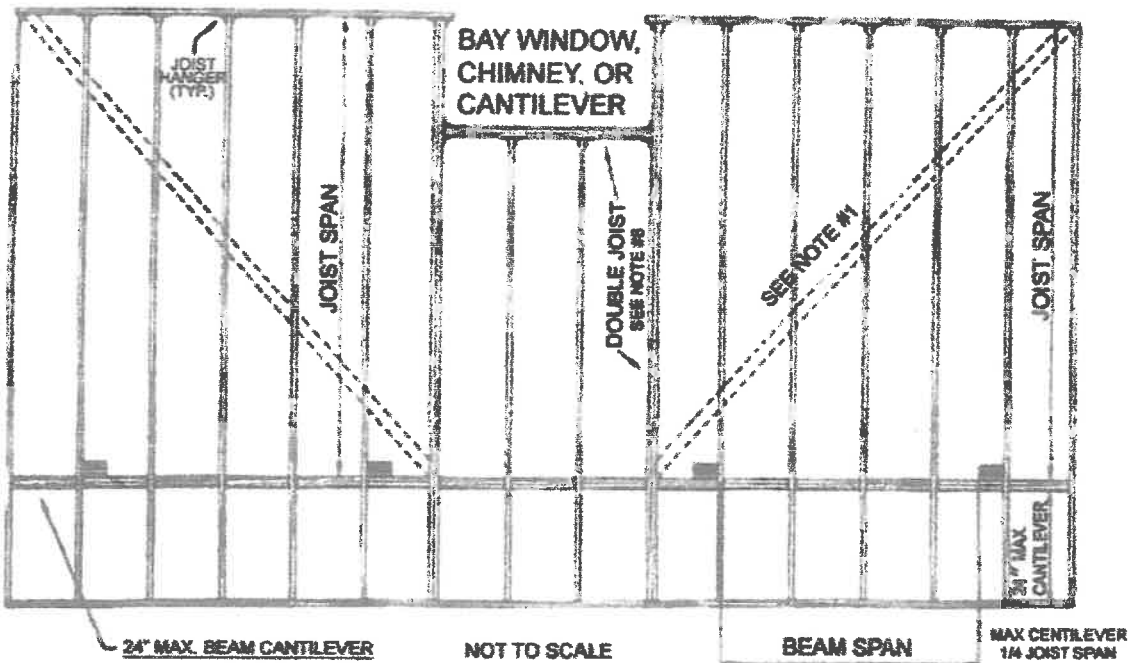
5/4 DECK BOARD (MIN.)



JOIST HANGER
DETAIL

TO BE USED ONLY WITH
DECKS ATTACHED TO
EXISTING HOUSE.

ATTACHED TO EXISTING HOUSE



DECK BEAM SPAN TABLE
TREATED S.Y.P #2

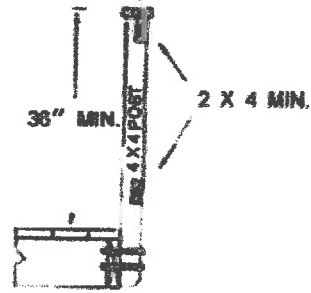
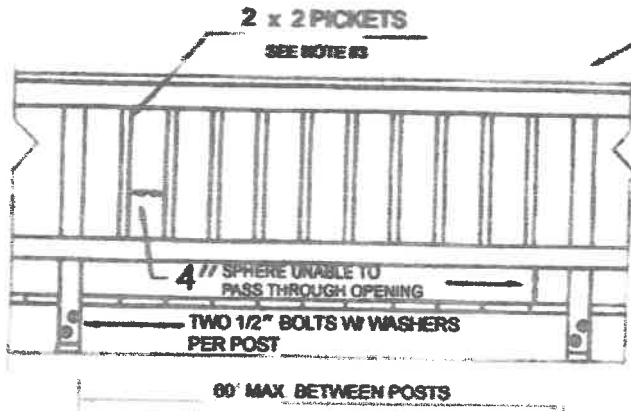
BEAM SIZE	JOIST SPAN				
	9'	12'	14'	16'	18'
2-2x6	8' - 0"	4' - 6"	4' - 0"	3' - 6"	3' - 0"
2-2x8	8' - 0"	6' - 0"	5' - 6"	4' - 6"	4' - 0"
2-2x10	10' - 0"	7' - 6"	7' - 0"	5' - 6"	5' - 0"
2-2x12	12' - 0"	9' - 6"	8' - 6"	7' - 0"	6' - 6"

USING THE "DECK BEAM SPAN TABLE"

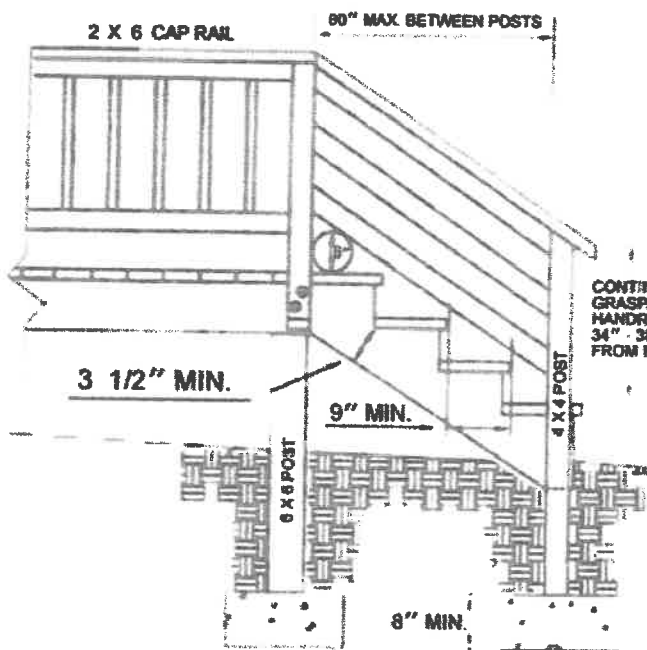
FIRST DETERMINE YOUR JOIST SPAN AS SHOWN ABOVE

NEXT SELECT THE BEAM SIZE

FOLLOW THE BEAM SIZE AND JOIST SPAN UNTIL THEY INTERSECT. THIS IS THE MAXIMUM SPACING YOU CAN HAVE BETWEEN POSTS.



TOP RAIL SHALL WITHSTAND 200 lbs CONCENTRATED LOAD

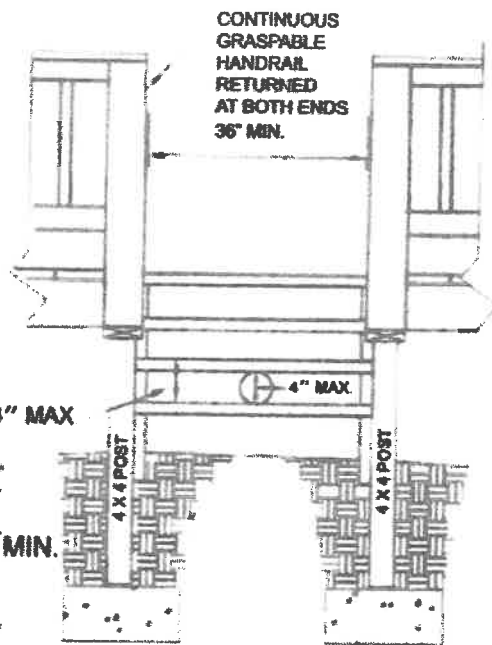


STAIR TREAD REQUIREMENTS

- 2 STRINGERS - 2X TREAD MIN
- 3 STRINGERS - 5/4 TREAD MIN

STAIR FOOTERS ONLY

12" MIN.



NOT TO SCALE

NOTES:

1. GUARDRAILS ARE REQUIRED FOR DECKS AND PORCHES MORE THAN 30" ABOVE FINISHED GRADE. GUARD RAILS MUST BE EXTENDED 36" ABOVE DECK WALKING SURFACE AND 36" ABOVE FIXED BENCHES AND SEATS.
2. THE GREATEST RISER HEIGHT AND TREAD WIDTH SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8"
3. SECURE PICKETS AT TOP & BOTTOM W/ 1- #8 CORROSION RESISTANT SCREWS OR 2-8d GALV NAILS OR 2- 2 1/2 " GALV. STAPLES.
4. STAIRS WITH 4 OR MORE RISERS REQUIRE FROST FOOTINGS & GRASPABLE HANDLES.
5. GRASPABLE HANDRAILS TO BE CONTINUOUS THE FULL LENGTH OF THE STAIRS ENDS TO BE RETURNED TO POST.
6. ANY EXISTING VENTS OR UTILITIES LOCATED UNDER OR NEAR THE FOOTPRINT OF THE PURPOSED DECK MAY BE REQUIRED TO BE MOVED OR MODIFIED.

1. This set of plans and specifications **MUST** be kept on this job at all times for inspections and it is unlawful to deviate from or make any changes or alterations on these without written permission from the Division of Building Inspections. The issuing of this plan and specifications **SHALL NOT** be held to permit or to be an approval of the violation of any county ordinance or state law.
2. **ALL WORK SHALL COMPLY WITH VIRGINIA UNIFORM STATEWIDE BUILDING CODE.**
3. **PLANS APPROVED FOR PERMIT SUBJECT TO APPROVAL OF CONSTRUCTION.**
4. **ANY REVISION TO THIS DETAIL REQUIRES A SEPARATE PERMIT AND FEES.**

I HEREBY:

Waive the Loudoun County plans review for an attached deck with no roof.

Acknowledge responsibility for construction in full compliance with the Virginia Uniform Statewide Building Code.

Acknowledge responsibility for corrections of any and all violations discovered during the County inspection process.

Signature of owner/agent _____ Date _____

Name of owner as appears on Building Permit Application. _____

SKETCH DECK SHAPE INCLUDING DIMENSIONS & LOCATION OF STAIRS.

SQ ARE FOOTAGE
ATTACHED DECK _____

BUILDING PERMIT # _____ INSPECTOR: _____

DEPARTMENT USE ONLY