

Address: Robbins, NC 27325

Grant: URP15: Home 11

Preparer: Carlis P. Sweat

MOORE COUNTY PERMIT REQUIREMENTS	<p>Moore County is the permitting agency for the work being performed on this home. The following permits are required:</p> <p>-Building, Plumbing-</p> <p>Please visit the Moore County Planning and Community Development Department at 1048 Carriage Oaks Drive in Carthage, NC to obtain permits. Call (910) 947-2221 to speak with a permit technician.</p>	Not a Bid Item
GENERAL REQUIREMENTS FOR ALL WORK WRITEUPS	<ul style="list-style-type: none">* Work on any item specified in this write-up is to be performed to code and will be inspected & approved as such. This is to apply in all instances and regardless of whether the specification states to perform work "to code." When a contractor or subcontractors are uncertain as to code requirements or where it appears the specification contradicts code the Community Development Staff is <u>always</u> to be contacted before work is performed.*Comparable substitutes for items specified in this Work Write-Up may be used provided the homeowner, contractor, and Community Development Staff are in agreement and this agreement is reduced to writing and signed by all three parties.* Contractor is to allow the homeowner at least three choices of color for any paint and three choices of style or color for any flooring product.* Warranties for work performed or items installed on a home (e.g. vinyl siding, heat pump, dryer, termite inspection, etc.) will be provided to Community Development Staff prior to final payment is made for work performed under this contract.* At the preconstruction meeting, General Contractors will be provided with a Release of Liens that will need to be signed by all subcontractors prior to final payment is made for work performed under this contract.* Contractors and their Subcontractors shall schedule working hours between 8:00am and 6:00pm Monday through Friday. Requests to work on weekends and before or after these hours must be approved by the homeowner. The General Contractor is responsible for informing Community Development Staff of such arrangements with the homeowner within 24 hours of said arrangements being made.* All materials used in connection with this work write-up are to be new, of first quality and without defects - unless stated otherwise in the Work Write-Up or pre-approved by Community Development Staff.* The contractor shall clean construction debris from the dwelling and site to a dumpster or legal landfill at least once each week, and leave the property in broom clean condition. In occupied dwellings, debris shall be removed from living quarters daily.* When work is complete remove from site all construction materials, tools and debris. Sweep clean all exterior work areas. Vacuum all interior work areas, removing all visible dust, stains, labels and tags. Clean all windows referenced in specifications.* Contractors often use exterior hose bibs to provide water for mixing mud, cleaning up, etc. Repeated use <i>may</i> result in damage to the hose bib. Be aware that staff will check hose bibs on a home to determine if they are in proper working order before a final invoice is issued for work on the home.*Homes with doorbells and security systems have been checked for their proper operation- ensure both work once work has been completed on the home.	Not a Bid Item

<u>Location</u>		<u>Item</u>	<u>Specification</u>	<u>Total Price</u>
EXTERIOR				
1.	EXTERIOR	Ramp	Build a ramp approximately 8' in total length, four feet (4') wide, and attaching to a freestanding 6'W x 8'L deck outside of the rear door of the home. Build the ramp and decks according to the NC Building Code and the attachments labeled -Inserts A,B, & C. All handrails on the ramp and stair sections shall have a 2x6 rounded over top rail and a 2x4 bottom rail. Rails shall be mounted vertically and have 2x4 ripped pickets at no more than 5" on center (OC).	
		Steps	Build a set of four foot (4') wide steps off of C wall side of deck. Steps should incorporate four (4) stringers cut from 2x12. Use 2x6 for treads. Rise and run shall be 4:11. All lumber shall be cut from treated materials. All fasteners shall be galvanized.	
		Concrete Landing	Pour 3' x 4' concrete landings at the beginning of the ramp and at the bottom of the steps and finished with a light broomed surface, edging required.	
2.	EXTERIOR	Bathroom Exhaust Fan	Attach the existing bathroom exhaust fan to a wall mounted fan hood with damper.	
INTERIOR				
3.	INTERIOR	Toilet	Install a complete water saver elongated high-boy toilet.	
		Safeway Safety Step	Install a Safeway Safety Step™ with Tub Door or similar product approved by CD staff. Information on the Safeway Safety Step with Tub Door may be located online at: http://www.safewaystep.com/safeway-tub-door.html Install doorway off center- to the right of center.	
		Vanity Faucet	Install a Delta two handle vanity faucet and complete drain assembly (item #89235 model #B2510LF-SS, LOWES™ or CD Staff pre-approved equal).	
		Bathtub Faucet	Install a Kohler™ two handle bathtub faucet, showerhead and complete drain assembly (item #89234 model #T15321-4S-CP, LOWES™ or CD Staff pre-approved equal).	
		Supply Lines	Replace all galvanized supply lines under the house and up to the vanity, bathtub and kitchen faucets, and the toilet. Install cut-off valves on each line to each of these fixtures. Wrap these pipes with self-sealing preformed foam roll insulation tubes with no gaps and secured with the tape provided.	
		Bathroom DWV Lines	Replace the DWV system to the bathtub and vanity sink eliminating the vent in the attic, installing a studor vent or other code approved venting devices for each or both of these two fixtures.	
		Access Panel	Install an Acudor™ 18"Wx18"H Load Center Access Panel in the closet for the bathtub plumbing.	

Robbins, NC 27325

Grand Total: _____

INSERT A

TYPICAL WOODEN RAMP SPECIFICATIONS

1. MATERIALS:

WOOD: must be treated and marked as required by NC Building Code which calls for .40 lbs. preservative/cubic foot for ground contact wood and .25 lbs. preservative/cubic foot for above ground wood.

Vertical Post.....	4"X4"
Joist.....	2"X6"
Decking.....	2"X6"
Handrail.....	2"X6" (top railing) 2"X4" (all other railings)

NAILS: 16d ring shank, hot dipped galvanized or 12d electroplated for nail gun.

BOLTS: 3/8" diameter, hot dipped, galvanized carriage type with galvanized washer and nut.

CONCRETE: to adhere to NC State Building Code, vol. I, Chapter 16.

CRUSH OR RUN: when it becomes necessary to level or transition between the concrete bottom landing and the surrounding area with a gravel mix, use an aggregate base ABC marl crush or run of marine limestone (available from "Martin-Marietta").

METAL MINI-RAMP: 1/8" thk low carbon steel or 1/4" thk 6061-T6 aluminum diamond tread floor plate (or approved equal). Installed plate to have one coat of rust inhibitive paint - color orange is preferred. NOTE - Use with drawing #RAMP-2A.

2. SLOPE OF RAMP:

- Do not exceed the required ramp slope of 1:12 (8.33%).
- **Note** - Before starting, contractor must verify ramp length(s) in order to guarantee the required slope.
- The ramp surface must be smooth and continuous: the deck boards are to be applied edge-to-edge with no gap exceeding 1/8".
- There must be no bump of more than 1/2" at the intersection of the door threshold & landing, landing & ramp, ramp & concrete landing or concrete landing & the surrounding ground grade level.

3. RAILINGS:

There will be railing on both sides of ramps and on all landings, porches and steps. The top rail and the top of each post are to have their upper edges rounded using a router with a 1/2" round-off bit and then sanded to remove any roughness or unevenness. The top railing is also to extend 12" beyond the lower end of the ramp (per NC State Building Code, vol. I-C) unless otherwise specified.

4. POSTS:

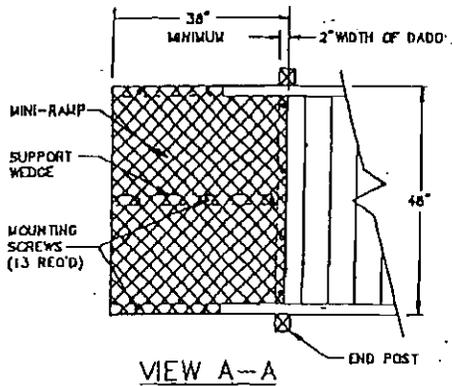
Whenever a post is located over existing concrete, it must be attached to the concrete using either a 2 X 2 angle bracket, with a 3/8" diameter lag bolt, washer and a 3/8" diameter anchor bolt or by using a "LOWES" #14354 4x4 anchor post base.

5. CONCRETE LANDING:

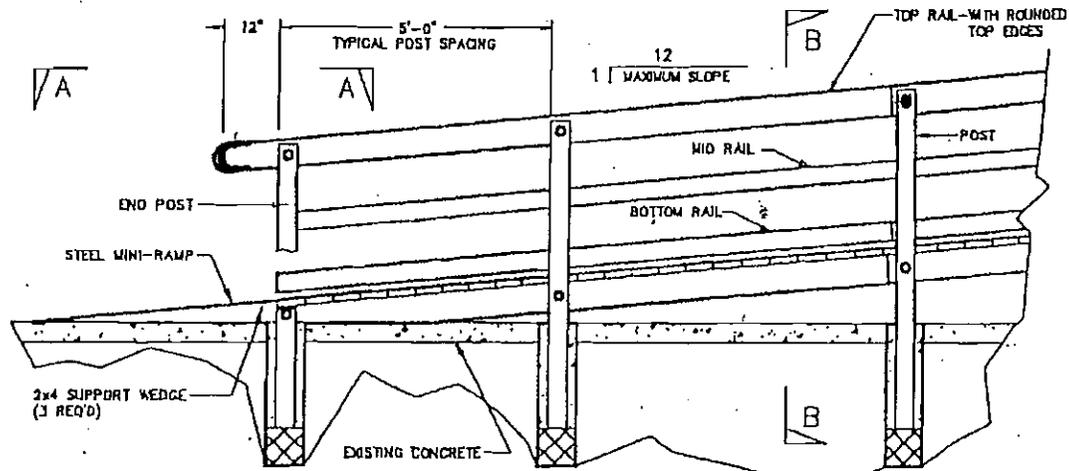
The concrete is to slope no more than 1/4" per foot. The landing pad must be 4" thick. Finished surface to have a side-to-side broom swept finish.

6. NOTE:

Dimensions shown on the ramp "site layout drawing" supersede information on the TYPICAL WOOD RAMP CONSTRUCTION DETAILS drawings provided.

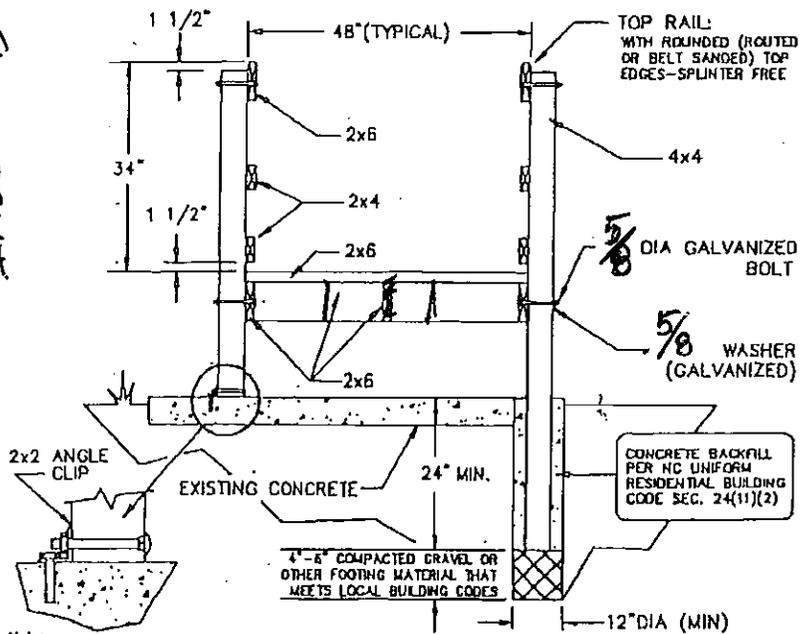


- a) MINI-RAMP TO BE 1/4" THICK DIAMOND TREAD ALUMINUM OR STEEL FLOOR PLATE (OR EQUAL).
- b) DADO LAST FLOOR DECKING BOARD 3"W x 1/4"D.
- c) ATTACH RAMP TO BOARD AND SUPPORT WEDGES USING ROUND HEAD SCREWS.
- d) THE MINI-RAMP IS TO REST ON THE CONCRETE.



TYPICAL RAMP DETAILS--SIDE VIEW

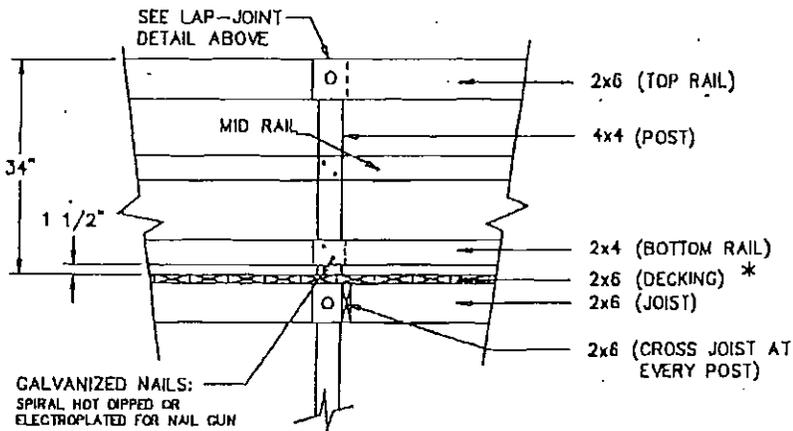
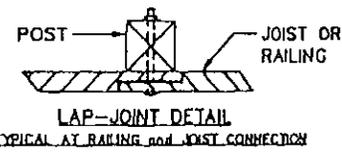
INSERT B



Note:
INSTALL 2x2 ANGLE CLIP (ALT. LOWES #14354 BASE CLIP) USING 1/2" DIA CARRIAGE AND 3/8" DIA CONCRETE B...

CROSS SECTION B-B (TYPICAL)

* NOTE: DECKING SHOULD BE INSTALLED WITH THE GRAIN ON THE END TURNED DOWN;



TYPICAL RAILING/JOIST DETAILS

APPROVED BY: [Signature]	DATE: [Date]	SCALE: NONE	DRAWING NUMBER: RAMP-2A
THE CONTRACTOR MUST OBTAIN ALL REQUIRED PERMITS IMPORTANT; AND MUST BE ABLE TO PRODUCE THEM UPON REQUEST			
TITLE: WOODEN RAMP CONSTRUCTION DETAILS -ENDING OVER EXISTING CONCRETE-			
REFERENCE: "TYPICAL WOODEN RAMP SPECIFICATIONS" (RAMP)- FILE NAME / TRAMP1-LAYER)			

NC DIVISION OF
CATIONAL REHABILITATION

INSERT C

