1-1/2" square tubing painted gloss black. Wrought Iron or Pipe rail styles also available Elevation as well as custom made to your design. 12" Grade 42" or as required by local code varies 1" square guardrail added where ramp is 30" or higher above adjacent surface. Support arm at Pipe Rails every post Typical Landing **Typical** Plan Views Wrought Iron Ramp 68' 68" 36" Ramp Section 34" Ramp up \leftarrow 37 4" o.c. spindles 68" 88" Landing Ramp up \longrightarrow 90 degree Landing Ramp 180 degree turn 6x6x10/10 WWF 8" min. 4"min. 56" max. Design Guidelines: #3 bar, 12" oc 1. Ramp lengths up to 16' per section. #4 bar, 12" oc Grade 2. Ramps are preformed to a 1:12 pitch. 3. 30' length maximum allowable between landings. 4. Any ramp surface more than 30" higher than an adjacent surface must use a 42" high guardrail as shown on typical ramp section on right. 5. Landings at doors will vary depending on door 3' 6" 12" dia. swing and approach. sonotubes 6. Custom landings and steps can be made to match filled with your requirements. concrete 7. Wider ramps are possible with custom made pieces.

Railings:

SPECIFICATIONS

Concrete Min. Strength: 4,000 psi at 28 days Reinforcement: #3 Rebar, 6x6x10ga WWM

Air Entrainment: 5%

Construction Joint: Sikaflex 1a Polyurethane

Finish: Broomed & edged surface

Load Rating: 300 psf

PRECAST ACCESS RAMPS HANDI-RAMP SYSTEM

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