

1. ALL CONCRETE WORK SHALL CONFORM TO THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318-08 AND STRUCTURAL CONCRETE FOR BUILDINGS ACI 301.
2. THE MINIMUM CONCRETE PROTECTION FOR REINFORCING STEEL SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
3" FOR CONCRETE CAST AGAINST EARTH
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER:
1-1/2" NO. 5 AND SMALLER
2" FOR NO. 6 AND LARGER
3. CALCIUM CHLORIDE SHALL NOT BE USED ON THIS PROJECT.
4. CONCRETE SHALL BE ADEQUATELY PROTECTED FROM HOT OR COLD WEATHER AS REQUIRED BY ACI PUBLICATIONS 305 AND 306.
5. ALL CONCRETE FOR WALLS AND FOOTINGS SHALL OBTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4500PSI AT 28 DAYS. CONCRETE FOR THE SLABS SHALL OBTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4500PSI AT 28 DAYS

- ## REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS. THE AMOUNT OF FOUNDATION STEEL SHALL BE INCREASED PER THE ENGINEER'S REQUIREMENTS IF A LESSER STEEL GRADE IS USED. THE ENGINEER MUST BE NOTIFIED IF THIS IS TO BE THE CASE.
2. ALL REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST ACI DETAILING MANUAL AND SPECIFICATIONS.
3. WHERE CONTINUOUS BARS ARE SPECIFIED, OR REQUIRED, THEY SHALL RUN CONTINUOUSLY AROUND CORNERS LAPPED AT SPICES. WITH SPICES STAGGERED AND HOOKED AT DISCONTINUOUS ENDS. LAP LENGTHS SHALL BE A MINIMUM OF 36 BAR DIAMETERS OF THE LARGER BAR.

SUITABLE STRUCTURAL FILL SHALL BE CLEAN, NON-FROST SUSCEPTIBLE, SAND AND GRAVEL FREE OF ORGANICS AND OTHER DELETERIOUS MATERIALS MEETING THE FOLLOWING GRADATION:

<u>SIEVE SIZE</u>	<u>% PASSING BY WEIGHT</u>
3 INCH	100
3/4 INCH	60-90
NO. 40	20-70
NO. 200	2-8

<u>STRUCTURAL FILL</u>	
<u>SIEVE SIZE</u>	<u>% PASSING BY WEIGHT</u>
5 INCH	100
3/4" INCH	60-100
NO. 4	20-80
NO. 200	0-10

ALL CLEAN GRANULAR FILL OR STRUCTURAL FILL SHALL BE PLACED IN MAXIMUM 8" LIFTS AND COMPACTED TO 95% MAXIMUM DRY DENSITY.

NOTE:
CONC. SLAB FINISH SHALL BE IN
ACCORDANCE W/ ARCH. REQUIREMENTS

1. ALL HANDRAILS AND RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE ADA ACCESSIBILITY GUIDELINES.
2. ALL RAMPS SHALL HAVE A MINIMUM CLEAR WIDTH OF 4'-3" AFTER THE INSTALLATION OF RAILINGS.
3. THE RAMP LANDING SHALL HAVE A MINIMUM CLEAR WIDTH OF 5'-0" AFTER THE INSTALLATION OF RAILINGS.
4. HANDRAILS SHALL BE CONTINUOUS AT THE TRANSITION FROM THE RAMP TO THE STAIRS.
5. AS SHOWN, RAILINGS SHALL BE MOUNTED FROM THE TOP OF THE RAMP.
6. ALL HANDRAIL SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
7. THE RAILING SHALL BE CONSTRUCTED SUCH THAT A 4" DIAMETER BALL WILL NOT PASS THROUGH IT AT ANY LOCATION.

