



one eighth inch = one foot

## Abbreviations



### Tension Lap Splice Lengths

1. THIS TABLE CONTAINS DEVELOPMENT AND SPLICE LENGTHS FOR NORMAL-WEIGHT CONCRETE SLABS ONLY.
2. ALL DEVELOPMENT/SPLICE LENGTHS ARE IN INCHES (IN.).
3. Ld = TENSION DEVELOPMENT LENGTH, PER CHAPTER 12 OF ACI 318.
4. TABLE SHALL APPLY WHEN ACI 318 MINIMUM COVER IS PROVIDED (THE GREATER OF 0.75" AND db) AND THE EPOXY-COATED BARS SPACING IS 12" OR GREATER.
5. WHEN LAP SPlicing BARS OF DIFFERENT SIZES, THE LAP LENGTH IS DETERMINED BY THE SMALLER BAR, BUT SHALL NOT BE LESS THAN THE "CLASS A" SPLICE LENGTH OF THE LARGER BAR.
6. THE VALUES FOR DEVELOPMENT/SPLICE LENGTH SHOWN IN THIS TABLE HAVE NOT BEEN FACTORED FOR EPOXY-COATED REBAR.
7. TOP BARS ARE HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF CONCRETE CAST BELOW THE REINFORCEMENT.



Interior Span

### Cantilever

## Reinforcing Diagram for Beams, Joists & Slabs

CONSULTING ENGINEERS:



ARCHITECT:



## PROJECT MANAGEMENT:



Drawing Title

ABBREVIATIONS AND  
TYPICAL DETAILS

Approved: Project Director  
James Zellander

Project Title	A/E AMBULATORY SURGERY IMPROVEMENTS
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Location	VAMC - Birmingham, Alabama
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Project Number	521-328
Building Number	0000000000

Drawing Number

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Office of  
Construction  
and Facilities  
Management

