

CALIFORNIA BEARING RATIO (CBR) ANALYSIS

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|------------------------|---------------------|-----------------|--|
| 1. PROJECT | | 2. DATE | |
| 3. SOIL CLASSIFICATION | 4. LOCATION OF SOIL | 5. GROUP NUMBER | |

| DATA SUMMARY | | | | | |
|--------------|-----------------|--------------------------------------|-------------|--------------------------|-----------------|
| MOLD NUMBER | BLOWS PER LAYER | MOISTURE CONTENT, <i>W</i> (percent) | DRY DENSITY | CORRECT-ED CBR (percent) | SWELL (percent) |
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| CBR - MOISTURE | |
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| CORRECTED CBR IN PERCENT | |
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MOLDING WATER CONTENT (*w*)
(IN PERCENT) OF DRY WEIGHT

| DENSITY - MOISTURE | |
|---------------------------------|--|
| DRY DENSITY IN POUNDS PER CU FT | |
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MOLDING WATER CONTENT (*w*)
(IN PERCENT) OF DRY WEIGHT

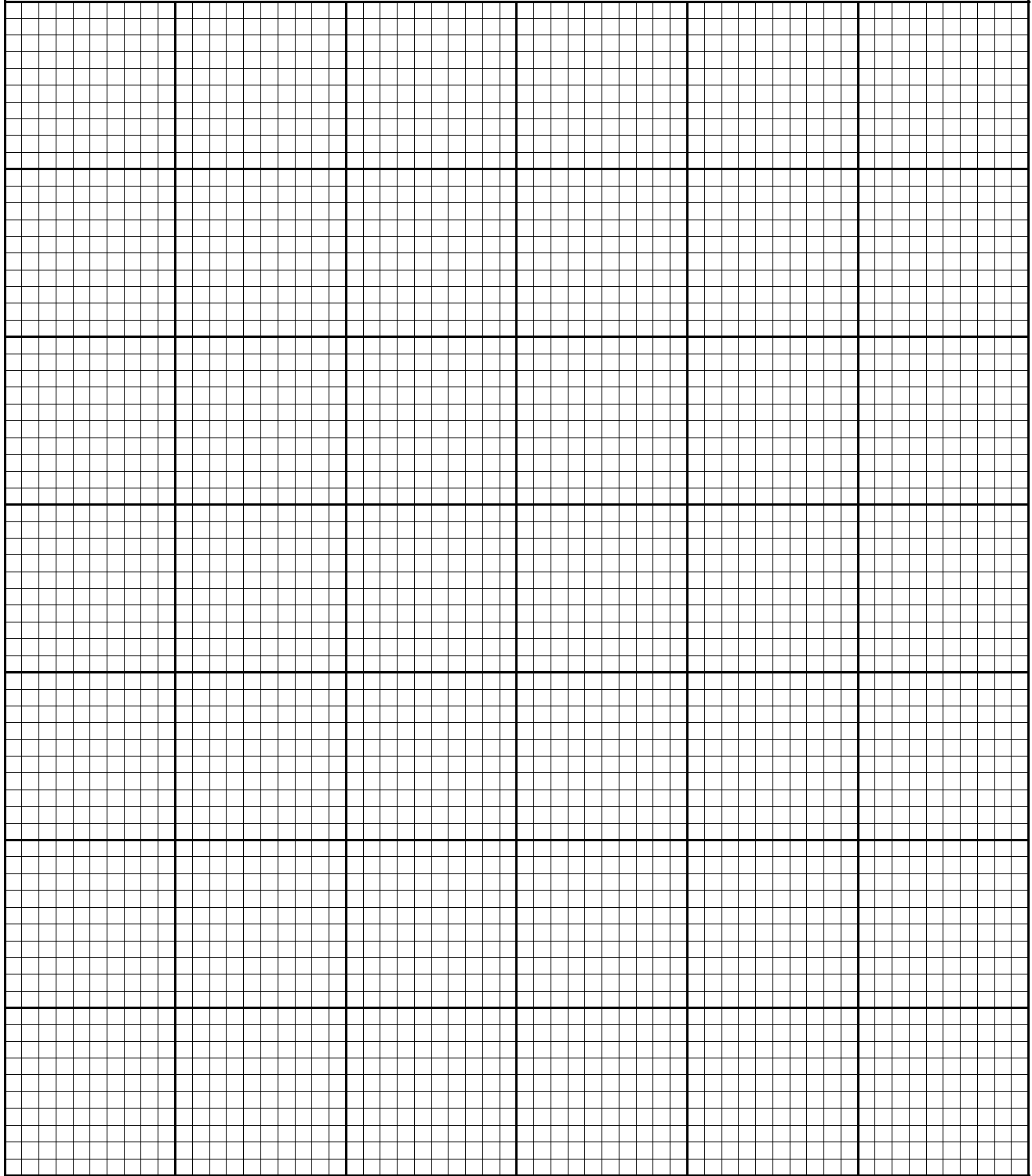
| | | |
|---------------------------|----------------------------|---------------------------|
| 6. TECHNICIAN (Signature) | 7. COMPUTED BY (Signature) | 8. CHECKED BY (Signature) |
|---------------------------|----------------------------|---------------------------|

CBR FAMILY OF CURVES

| W (Percent) | | BLOWS/LAYER | BLOWS/LAYER | BLOWS/LAYER |
|-------------|------------------------------|-------------|-------------|-------------|
| | DRY DENSITY, in pcf | | | |
| | CORRECTED CBR, in percent | | | |
| | DRY DENSITY, in pcf | | | |
| | CORRECTED CBR, in percent | | | |
| | DRY DENSITY, in pcf | | | |
| | CORRECTED CBR, in percent | | | |
| | DRY DENSITY, in pcf | | | |
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| | DRY DENSITY, in pcf | | | |
| | CORRECTED CBR, in percent | | | |
| | DRY DENSITY, in pcf | | | |
| | CORRECTED CBR, in percent | | | |
| | DRY DENSITY, in pcf | | | |
| | CORRECTED CBR, in percent | | | |

CBR FAMILY OF CURVES

CORRECTED CBR PERCENT



MOLDED DRY DENSITY, in pcf

DESIGN CBR

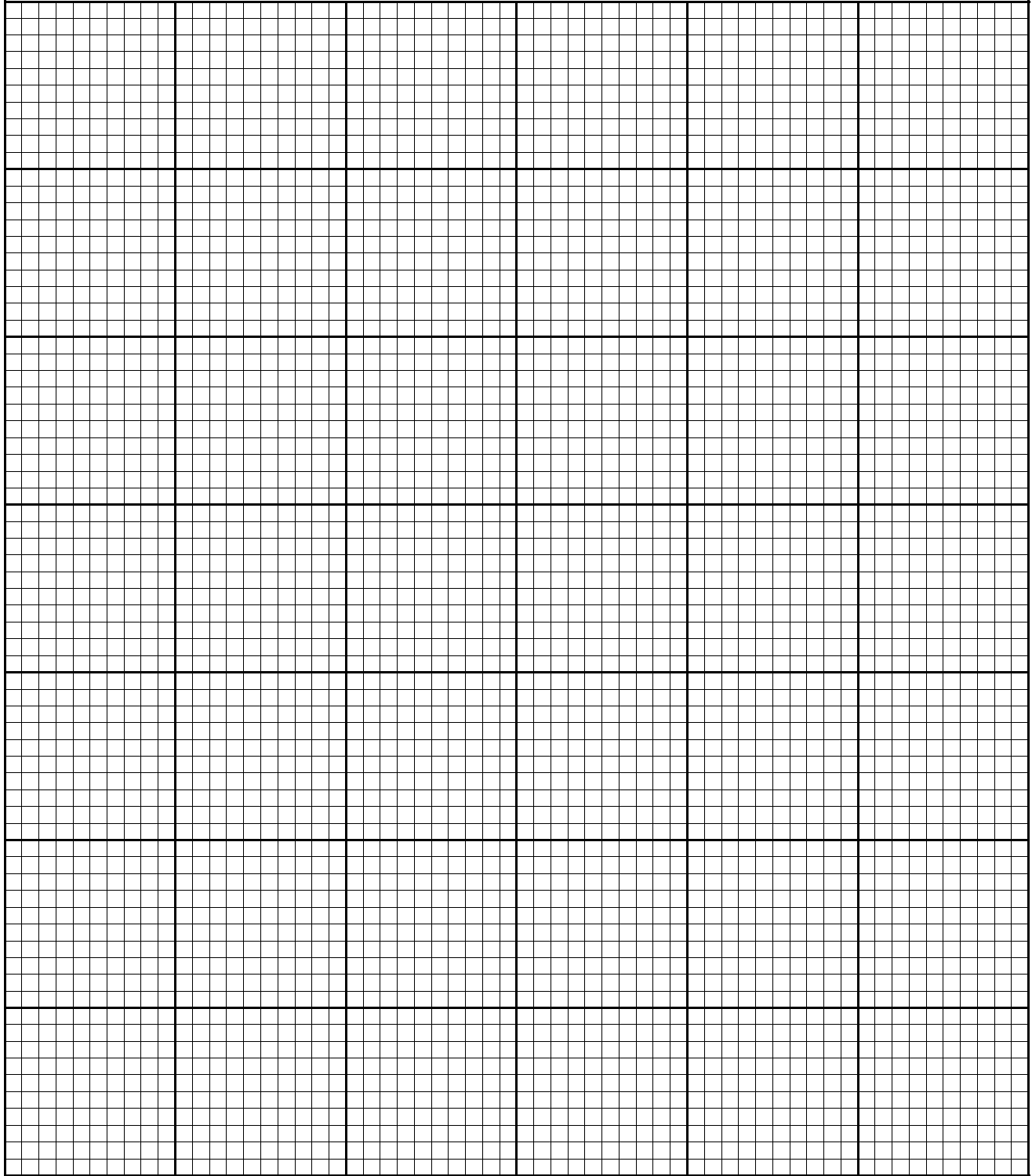
COMPACTION RANGE

_____ % TO _____ %
 _____ LBS/FT³ TO _____ LBS/FT³

| <i>W (Percent)</i> | LOWEST CBR | W PERCENT RANGE | ASSURED CBR |
|--------------------|------------|--------------------------|-------------|
| | | % TO % | |
| | | % TO % | |
| | | % TO % | |
| | | % TO % | |
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| | | % TO % | |
| | | % TO % | |
| | | DESIGN CBR | |
| | | (HIGHEST ASSURED) _____ | |
| | | DESIGN MOISTURE | |
| | | RANGE _____ % TO _____ % | |

CBR SWELL DATA

PERCENT SWELL (by volume)



MOISTURE CONTENT, w (percent of dry weight)

NOTE: Maximum acceptable swell is 3 percent.