

# CCPI AGGREGATES COMMITTEE

## Standardization of Aggregate Nomenclature

|                         |                  |                | OAHU                |                   |                           |                     | MAUI                  |                        | HAWAII             |                    |                    | KAUAI               |                     |
|-------------------------|------------------|----------------|---------------------|-------------------|---------------------------|---------------------|-----------------------|------------------------|--------------------|--------------------|--------------------|---------------------|---------------------|
| Specification Standards | Nominal Size     |                | AMERON Kapaa        | HAWN CEM Halawa   | GRACE PACIFIC             |                     | AMERON Maui           | HAWN CEM Puunene, Maui | J. GLOVER Hilo     | YAMADA & SONS Hilo | WEST HI Kona       | O. THRONAS Kauai    | J. GLOVER Kauai     |
|                         | Standard         | Metric (mm)    |                     |                   | Kalaeloa Limestone (L.S.) | Makakilo            |                       |                        |                    |                    |                    |                     |                     |
|                         | 30" to 15"       | 760 to 380     | A Stone             |                   |                           |                     |                       |                        |                    |                    |                    |                     | Rip Rap             |
|                         | 18" to 6"        | 460 to 150     |                     |                   |                           |                     |                       |                        |                    |                    | Rockwall Rock      |                     |                     |
|                         | 15" to 8"        | 380 to 200     | B Stone             |                   |                           |                     |                       |                        |                    |                    |                    |                     |                     |
|                         | 12" to 1-1/2"    | 300 to 37.5    |                     | Surge             |                           |                     | Surge                 |                        | Surge              |                    |                    |                     |                     |
|                         | 12" to 0"        | 300 to 0       |                     |                   |                           |                     |                       |                        |                    |                    | 12" Minus CR       |                     |                     |
|                         | 8" to 4"         | 200 to 100     | C Stone             |                   |                           |                     |                       |                        |                    |                    |                    |                     |                     |
|                         | 7" to 1-1/4"     | 180 to 30      | Surge               |                   |                           |                     |                       |                        |                    |                    |                    |                     |                     |
|                         | 6" to 0          | 150 to 0       | Structural Fill     |                   |                           |                     |                       |                        | 6" Minus           | 6" Minus           | 6" Minus Fill      |                     | 6" Minus            |
|                         | 5" to 0          | 130 to 0       |                     |                   |                           | A & B Surge         |                       |                        |                    |                    |                    | 5" Surge Rock       |                     |
|                         | 3" to 0          | 75 to 0        |                     | Select Fill       |                           | Select Fill         | Fill Material         |                        |                    |                    |                    |                     |                     |
| ASTM C-33 #2            | 2-1/2" to 1-1/2" | 63 to 37.5     |                     | #2 Coarse         |                           |                     |                       |                        | #2                 |                    | 2-1/2" Drain Rock  |                     |                     |
| ASTM D-448 #24          | 2-1/2" to 3/4"   | 63 to 19       |                     | #1 B Coarse       |                           |                     |                       |                        |                    |                    | 2-1/2" Drain Rock  |                     |                     |
| State DOT UTB           | 2-1/2" to 0      |                |                     |                   | Surge                     |                     |                       |                        | 2-1/2" Base Course | 2-1/2" Base Course | 2-1/2" Base Course |                     | 2-1/2" Base Course  |
| ASTM C-33 #4            | 1-1/2" to 3/4"   | 37.5 to 19     | #2 Coarse           | #2 Coarse         |                           | #2 Coarse           | #4 C                  | #4 C                   | 1-1/2" to #3       |                    | 1-1/2" Drain Rock  |                     |                     |
|                         | 1-1/2" to 3/4"   |                |                     |                   |                           |                     |                       |                        |                    | 1-1/2" Drain Rock  | 1-1/2" Drain Rock  | Drain Rock          |                     |
|                         | 1-1/2" to 1/2"   | 37.5 to 12.5   | #3 B Coarse         | #3 B Coarse       |                           |                     | #2 C                  |                        |                    |                    |                    |                     |                     |
|                         | 1-1/2" to 0      |                | C&C Select Borrow   | Select Borrow     |                           |                     | Select Borrow         | Select Borrow          |                    |                    |                    | Select Borrow       |                     |
| State DOT Sub-base      | 1-1/2" to 0      |                | State Select Borrow | Select Borrow     | Select Borrow             | Select Borrow       | Sub-base              | State Select Borrow    | 1-1/2" Base Course |                    |                    |                     | 1-1/2" Base Course  |
| State DOT UTB           | 1-1/2" to 0      |                | Untreated Base      | State Base Course | Base Course               | Base Course         | Untreated Base        | Untreated Base         |                    | 1-1/2" Base Course | 1-1/2" Base Course | Road Base           | Base Course L.S.    |
| ASTM D-448 #5           | 1" to 1/2"       | 25 to 12.5     | #3 Coarse           | #3 Coarse         |                           | #3 Coarse           | #3 C                  | #3 C                   |                    |                    | #3 C               |                     |                     |
| ASTM C-33 #57           | 1" to #4         | 25 to 4.75     |                     |                   |                           |                     |                       |                        | #57                | #57                | #3 Fine Concrete   |                     | #57                 |
|                         | 1" to #4         |                |                     |                   |                           |                     |                       |                        |                    |                    | #3 Fine Concrete   |                     |                     |
|                         | 1" to 0          |                |                     |                   |                           |                     |                       |                        |                    |                    |                    | 1" Crusher Run      |                     |
| ASTM D-448 #6           | 3/4" to 3/8"     | 19 to 9.5      |                     |                   |                           |                     | #6                    |                        |                    |                    |                    |                     |                     |
|                         | 3/4" to 3/8"     |                |                     |                   |                           |                     |                       |                        |                    |                    |                    | #3 B Coarse         |                     |
| ASTM C-33 #67           | 3/4" to #4       | 19 to 4.75     | #3 Fine             | #3 Fine           | #3 A Fine                 | #3 A Fine           | #3 Fine               | #3 Fine                | #67                | #67                | #3 Fine Concrete   |                     | #67                 |
|                         | 3/4" to #4       |                | #3 B Fine           | #3 B Fine         | #3 B Fine                 | #3 B Fine           | #3 F Cinder           |                        |                    |                    | #3 Fine AC         |                     |                     |
| State DOT UTB           | 3/4" to 0        |                |                     |                   |                           | Structural Backfill |                       | 3/4" Base Course       | 3/4" Base Course   | 3/4" Base Course   | 3/4" Base Course   |                     | 3/4" Base Course    |
|                         | 3/4" to 0        |                | 3/4" Base           |                   |                           |                     | Crusher Run           |                        |                    |                    |                    | #3 B Fine           |                     |
|                         | 1/2" to #8       | 12.5 to 2.36   |                     |                   |                           |                     | 1/2"                  | 1/2" Pea Gravel        | #8 Chips           | 1/2" to #8 Chips   |                    |                     | #8 Chips (or L.S.)  |
|                         | 1/2" to 0        |                |                     |                   |                           | S4C                 | 1/2" Crusher Screen   |                        |                    |                    | 1/2" Chips AC      |                     | Tile Agg L.S.       |
| ASTM C-33 #8            | 3/8" to #8       | 9.5 to 2.36    | Chips               | 3/8" Chips        | Commercial Chips          | Commercial Chips    | Chips                 | 3/8" Pea Gravel        | #9 Chips           |                    | 3/8" Chips         |                     | #9 Chips            |
|                         | 3/8" to #8       |                |                     |                   |                           |                     |                       |                        |                    |                    | 3/8" Chips         |                     |                     |
| ASTM C-33 #89           | 3/8" to #16      | 9.5 to 1.18    |                     |                   | Choker                    | Choker              |                       |                        |                    |                    | 3/8" Chips         |                     |                     |
|                         | 3/8" to 0        | 9.5 to 0       | S4C                 | S4C               | Crusher Cushion           |                     | 3/8" Cinder           |                        | S4C                | 3/8" Filler        | 3/8" Sand (S4C)    |                     | S4C                 |
|                         | 3/8" to 3/16"    | 9.5 to 4.76    |                     |                   |                           |                     |                       |                        |                    |                    |                    | Chips or Pea Gravel |                     |
|                         | 3/16" to #8      | 4.76 to 2.36   |                     |                   |                           |                     |                       |                        |                    |                    | 3/16" Chips        |                     |                     |
|                         | 3/16" to 0       |                |                     |                   |                           |                     |                       |                        |                    |                    |                    | #4 Fine             |                     |
|                         | #4 to #8         | 4.75 to 2.36   |                     | Sand Drain        |                           |                     |                       |                        |                    |                    |                    |                     |                     |
| ASTM C-33 FA            | #4 to #100       | 4.75 to 150 μm | Concrete Sand       |                   |                           | C33 Sand            | Crushed Coral         |                        |                    |                    |                    |                     | Processed Sand L.S. |
| ASTM C-33 FA            | #4 to #200       | 4.75 to 75 μm  |                     |                   |                           | Wash #4             |                       |                        |                    |                    |                    |                     |                     |
| Hawaii DOT #4           | #4 to 0          | 4.75 to 0      |                     |                   |                           |                     | #4 F                  | #4 Fine                | #4 Sand            | Comm#4Mfd.Sand     | #4 SP              |                     | #4 Sand             |
| ASTM D-448 #10M         | #4 to 0          |                | #4 Commercial       |                   |                           |                     |                       |                        |                    |                    |                    |                     |                     |
| ASTM D-448 #10          | #4 to 0          |                | #4 Fine             | State #4          |                           | Concrete #4         | #4 F                  |                        | #4 Sand            | Comm#4Mfd.Sand     |                    |                     | #4 Sand             |
|                         | #4 to 0          |                | Stonewall #4        |                   |                           |                     |                       |                        |                    |                    |                    |                     | Plaster Sand        |
|                         | #4 to 0          |                | Maui Dune Sand      | Washed Sand       |                           |                     | Dune Sand             | Screened Sand          |                    |                    | #4 Sand            |                     | Dune Sand           |
|                         | 1/8" to 0        | 3.17 to 0      |                     |                   |                           |                     | Silica Sand (#8 to 0) |                        | Mortar Sand        | Mortar Sand        | Masonry Sand       |                     |                     |
|                         | #8 to #16        | 2.36 to 1.18   | Sandblast Sand/ BTB |                   |                           |                     | BTB                   |                        | Sandblast Sand     |                    | BTB                |                     | BTB                 |
|                         | #8 to #100       | 2.36 to 150 μm |                     |                   |                           | Sand                |                       |                        |                    |                    |                    |                     |                     |
| ASTM C-144              | #16 to #100      | 1.18 to 150 μm | Masonry Sand        |                   |                           |                     | Masonry Sand          |                        |                    |                    |                    |                     |                     |
|                         | Minus #200       | Minus 75 μm    | Dust                |                   |                           | Limestone Fines     |                       |                        |                    |                    |                    |                     |                     |

For products not listed above, please consult with producer.