

GENERAL NOTES:

TENDER

| REV. | DATE | DESCRIPTION | BY |
|------|------------|-------------------|----|
| TD | 06/04/2021 | ISSUED FOR TENDER | NM |
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CLIENT:


TOURISM KWAZULU NATAL



South Africa
KWAZULU NATAL
Zulu Kingdom. Exceptional

PROJECT:

NELSON MANDELA CAPTURE SITE



PROJECT STATUS:

TENDER

APPROVED
THE MASTER HELD AT ADI ENGINEERING BEARS THE ORIGINAL SIGNATURE OF APPROVAL

ECSA NO:

SIGNATURE: _____ NAME: _____ DATE: _____

DRAWING TITLE:

STORMWATER BEDDING DETAILS

| | | |
|---|------------------------|------------------------------|
| DRAWING UNITS: MILLIMETER | | |
| DATE 06/04/2021 | SCALE AS SHOWN | DESIGNED BY T. NEZANDONKI |
| CHECKED BY D. GWANGWADZA | DRAWN BY N. MASHEGO | APPROVED BY T. NEZANDONKI |
| DRAWING NO P1808 - CIV - 200 - 07 | | REV TD |
| File Path | | |

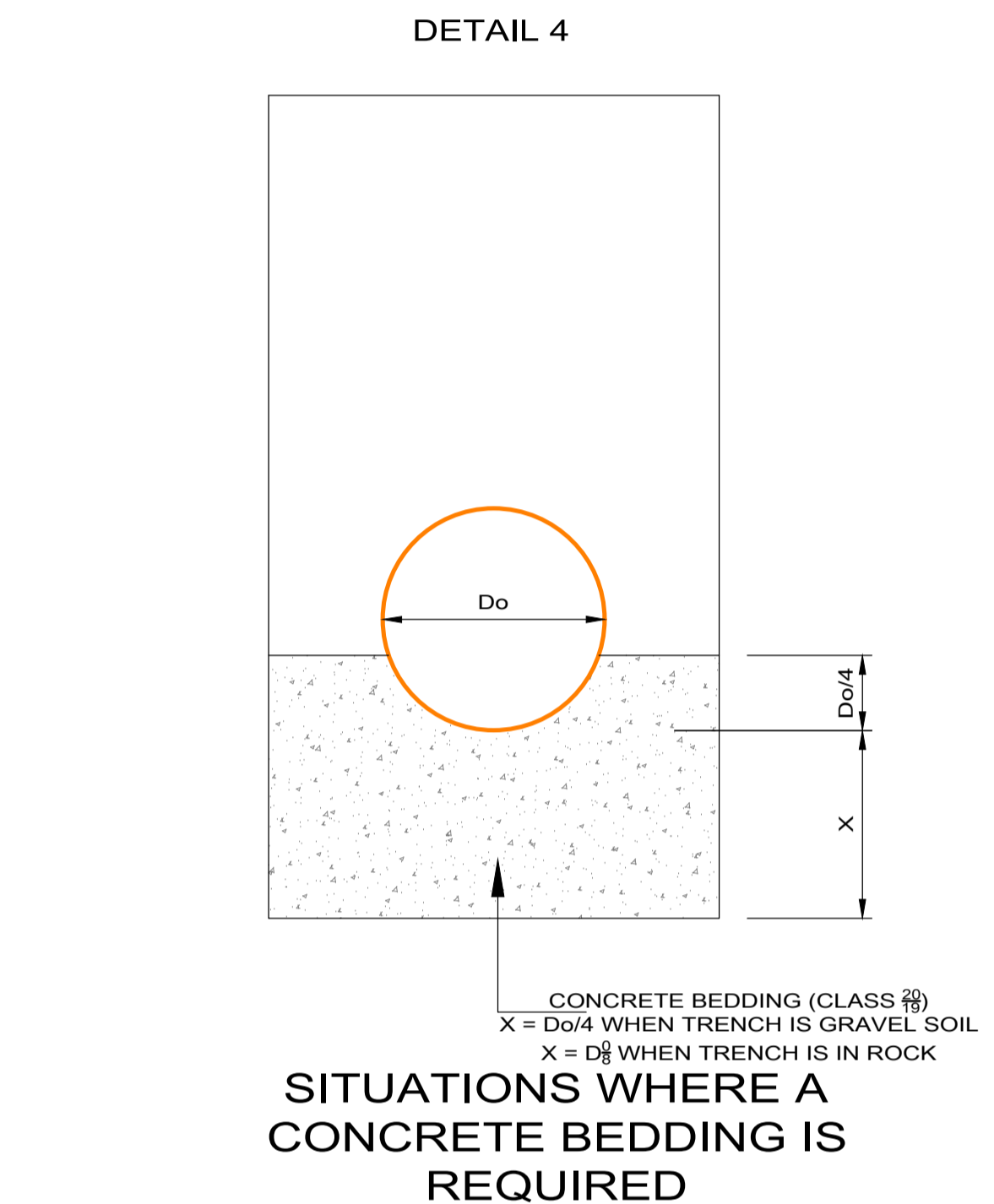
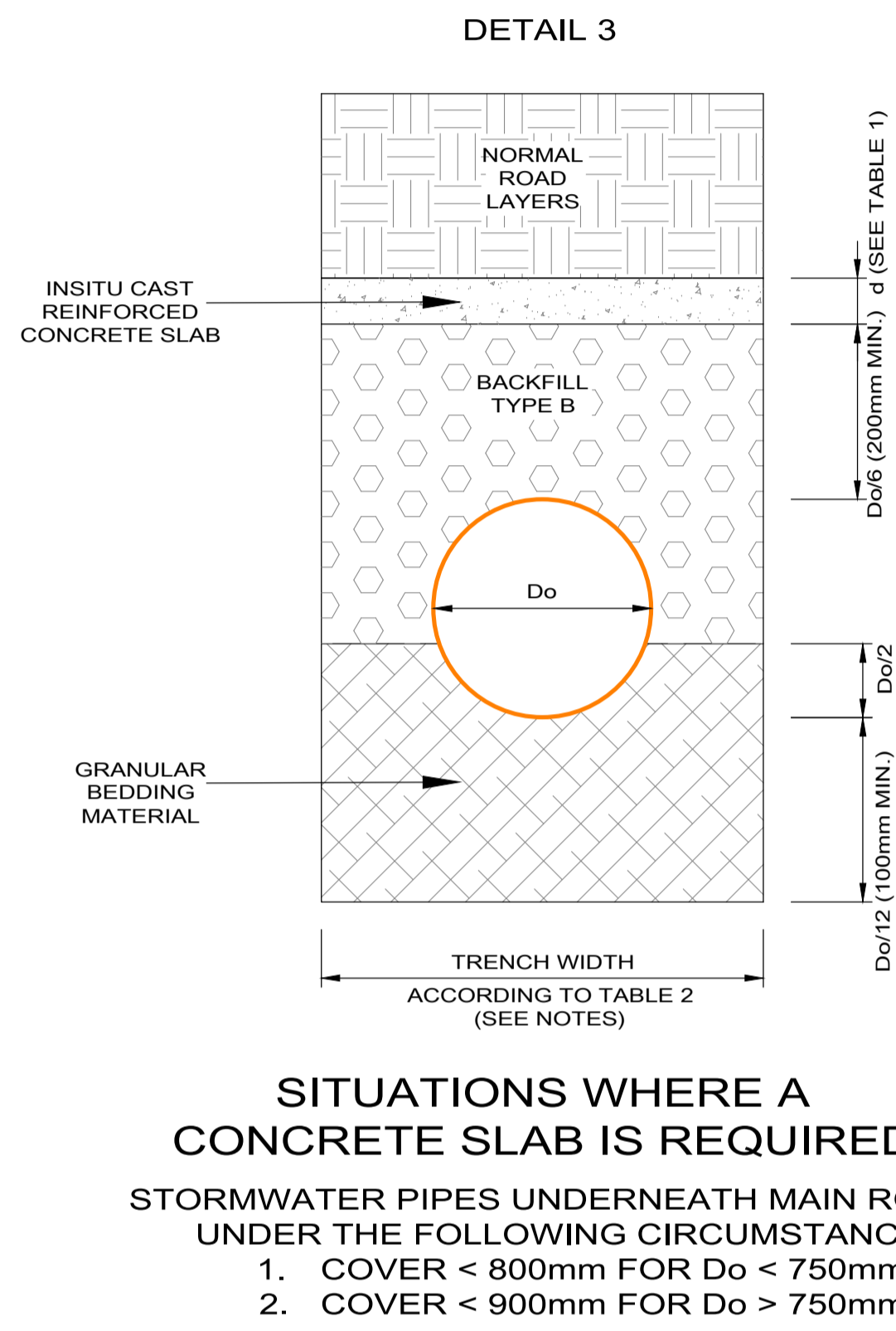
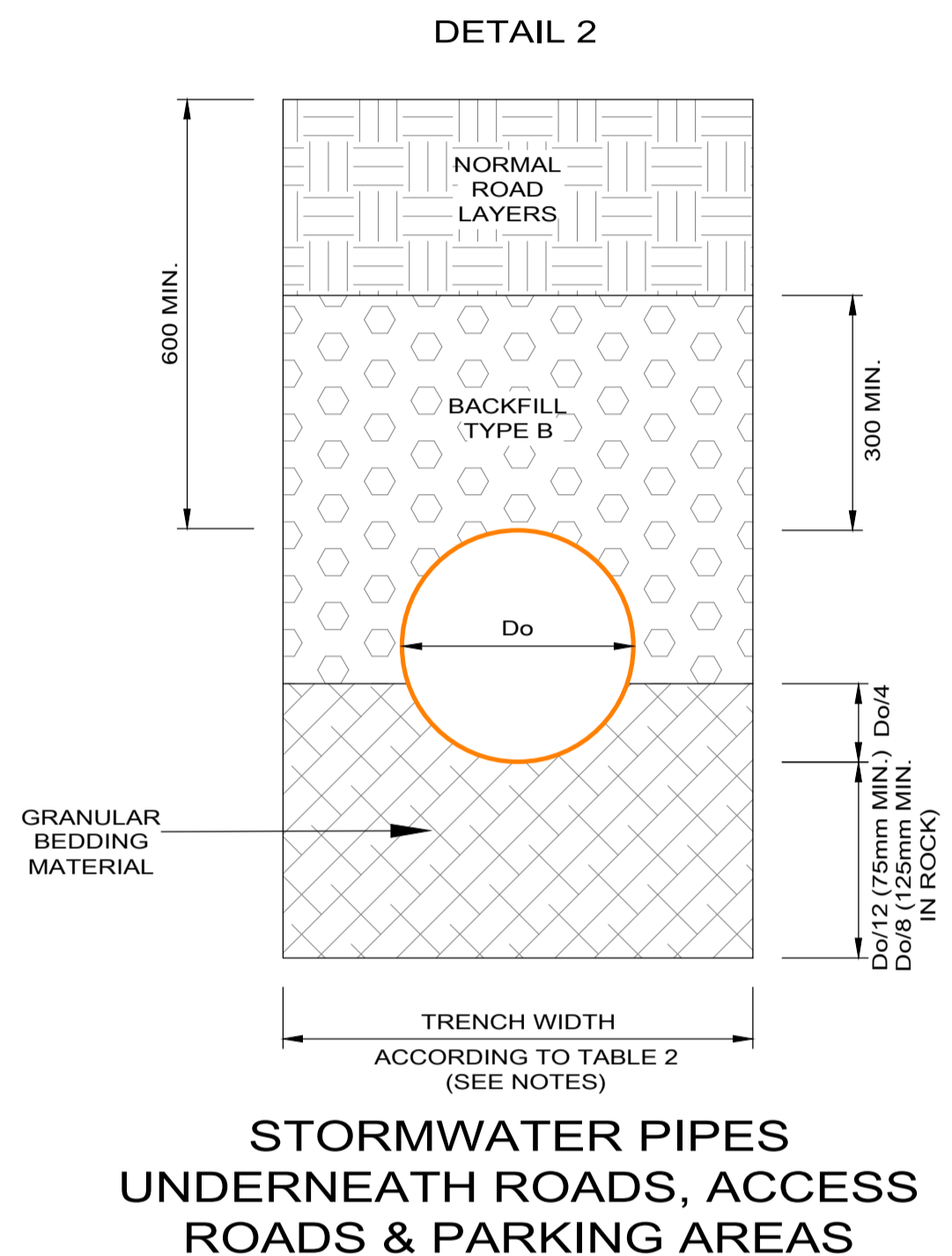
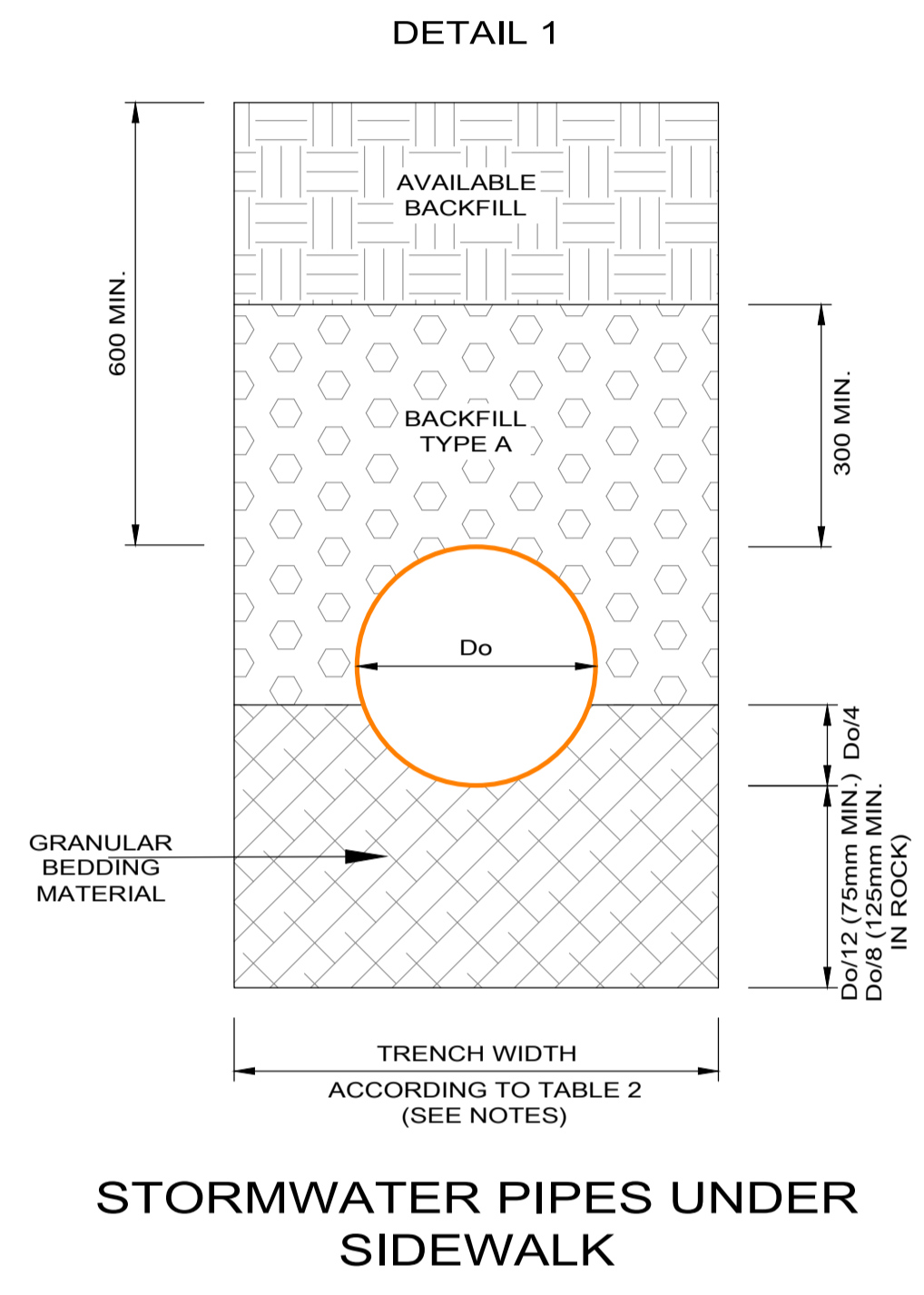


TABLE 1

| CONCRETE SLAB - CLASS 30 CONCRETE | DEPTH (d) | REINFORCING | MIN. COVER |
|-----------------------------------|-----------|--------------------------|------------|
| Do < 900mm | 150mm | REF. No. 245 WELDED MESH | 40mm |
| 900mm < Do < 900mm | 200mm | REF. No. 311 WELDED MESH | 40mm |

TABLE 2

| PIPE CLASSES FOR PIPES UNDER SECONDARY STREETS, LIGHTS ACCESS ROADS, PARKING AREAS, PRIVATE ENTRANCES AND SIDEWALKS FOR 40KN WHEEL LOAD WITH DUE ALLOWANCE FOR IMPACT LOADS | | | | | | | | | | | | | PIPE CLASSES FOR PIPES UNDER ROUTES FOR H8 - WHEEL LOADS OF EIGHT 80 KN WHEEL LOADS WITH ALLOWANCE FOR IMPACT LOADS | | | | | | | | | | | | |
|---|--------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---|--------------|-------|------|------|------|------|------|------|------|------|------|-----|
| Ø | TRENCH WIDTH | COVER | | | | | | | | | | | Ø | TRENCH WIDTH | COVER | | | | | | | | | | |
| | | 0.6 | 0.9 | 1.0 | 1.2 | 1.5 | 1.8 | 2.0 | 2.5 | 3.0 | 4.0 | 5.0 | | | 6.0 | 0.6 | 0.9 | 1.0 | 1.2 | 1.5 | 1.8 | 2.0 | 2.5 | 3.0 | 4.0 |
| 450 | 950 | 75D | 75D | 75D | 75D | 50D | 50D | 50D | 75D | 75D | 75D | 75D | 450 | 950 | 75D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | |
| 525 | 1020 | 75D | 75D | 50D | 50D | 50D | 50D | 50D | 75D | 75D | 75D | 75D | 525 | 1020 | 75D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | |
| 600 | 1620 | 75D | 50D | 50D | 50D | 50D | 50D | 75D | 75D | 75D | 100D | 100D | 600 | 1620 | 75D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | | |
| 675 | 1710 | 75D | 75D | 75D | 75D | 75D | 75D | 75D | 75D | 75D | 100D | 100D | 675 | 1710 | 75D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | | |
| 750 | 1790 | 75D | 50D | 50D | 50D | 50D | 75D | 75D | 75D | 75D | 100D | 100D | 750 | 1790 | 75D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | | |
| 825 | 1870 | 75D | 50D | 50D | 50D | 50D | 50D | 75D | 75D | 75D | 100D | 100D | 825 | 1870 | 75D | 50D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | | |
| 900 | 1950 | 75D | 50D | 50D | 50D | 50D | 75D | 75D | 75D | 75D | 100D | 100D | 900 | 1950 | 75D | 50D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | | |
| 1050 | 2120 | 75D | 75D | 75D | 75D | 75D | 75D | 75D | 75D | 75D | 100D | 100D | 1050 | 2120 | 75D | 75D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | | |
| 1200 | 2280 | 75D | 50D | 50D | 50D | 50D | 50D | 50D | 75D | 75D | 75D | 100D | 1200 | 2280 | 75D | 50D | 100D | 100D | 100D | 100D | 100D | 100D | 100D | | |
| 1350 | 2450 | 50D | 50D | 50D | 50D | 50D | 50D | 50D | 75D | 75D | 75D | 100D | 1350 | 2450 | 75D | 50D | 100D | 100D | 100D | 75D | 75D | 100D | 100D | | |
| 1500 | 2610 | 50D | 50D | 50D | 50D | 50D | 50D | 50D | 75D | 75D | 75D | 100D | 1500 | 2610 | 75D | 50D | 100D | 100D | 100D | 75D | 75D | 100D | 100D | | |
| 1650 | 2760 | 50D | 50D | 50D | 50D | 50D | 50D | 50D | 75D | 75D | 100D | 100D | 1650 | 2760 | 50D | 50D | 100D | 100D | 100D | 100D | 75D | 100D | 75D | | |
| 1800 | 3260 | 50D | 50D | 50D | 50D | 50D | 50D | 50D | 50D | 75D | 75D | 100D | 1800 | 3260 | 50D | 50D | 100D | 50D | 75D | 75D | 75D | 100D | 100D | | |