

### 3.0 TOOLS

The list below is intended to provide the contractor and their workers a guide for what tools are required on most NUDURA Projects. Although not all of these tools will be necessary for every project, the vast majority are essential to achieving an efficient NUDURA build.

#### 3.1 STANDARD CONSTRUCTION TOOLS

- |   |   |
|---|---|
| Tape Measure**                          | Utility Knife**                             |
| Electrical Pliers / Side Cutters        | Keyhole Saw                                 |
| Chalk Line / Ink Line                   | Laser Level/ Transit                        |
| Loop Tie Twister                        | Portable Table Saw***                       |
| String Line                             | 48" (120 cm) min. Hand Level***             |
| Cordless or Corded Drill / Hammer Drill | Steel Cutting Saw***                        |
| Hammer**                                | Framing Square***                           |
| 12" (30 cm) Hand Saw                    | Various Drill /Screw Bits***                |
| Tin Snips                               | Generator***                                |
| Reciprocating Saw                       | Stepladders*** (Standard & 3-step Low Rise) |
| Pruning Saw**                           |   |



#### 3.2 STANDARD CONCRETE TOOLS

- 3/4" (19 mm) Head Concrete Vibrator
- Irish Wall Shovel (Concrete forming shovel)
- Concrete Trowels



#### 3.3 NUDURA RECOMMENDED TOOLS

- |                     |                                     |
|---------------------|-------------------------------------|
| Rubber Mallet**     | NUDURA Alignment/Scaffolding System |
| Bolt Cutters        | Reinforcing Steel Bender/Cutter     |
| Pruning Saw**       | Hot Knife Tool                      |
| Foam Dispensing Gun | Pruning Shears                      |
| Electric Chainsaw   |                                     |



#### 3.4 MISCELLANEOUS SUPPLIES

- |                                  |  |
|----------------------------------|--|
| Planking for Alignment System    | Various Strapping /Plywood             |
| Various Screws*                  | 1/4" Hex Head Nut Driver               |
| NUDURA Low Expansion Spray Foam* | Square Head Driver Bit                 |
| 1" (25 mm) Fiber Tape*           | 4" (100 mm) Interlock Protection Tape* |

\*As shown in NUDURA's Product Guide

\*\*Tool should be available for each construction crew member

\*\*\*Tool can be shared between construction crew members

## 3.5 CONSTRUCTION MATERIALS LIST

### 3.5.1 BELOW GRADE MATERIALS

- |                             |                                      |
|-----------------------------|--------------------------------------|
| NUDURA Form Units           | NUDURA Peel & Stick Membrane         |
| Reinforcing Steel           | NUDURA Low Expansion Spray Foam      |
| Vertical Joint Clips        | Window Buck Materials                |
| Tie Wire                    | NUDURA Alignment System              |
| Strapping                   | 1"(25 mm) Fiber Tape                 |
| Floor Connection System     | 4"(100 mm) Interlock Protection Tape |
| Service Penetration Sleeves |                                      |



### 3.5.2 ABOVE GRADE MATERIALS

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| NUDURA Form Units                     | Rain Screens Drip Edge Membranes |
| Reinforcing Steel                     | NUDURA Parging Material          |
| Vertical Joint Clips                  | NUDURA Fiber Mesh Material       |
| Tie Wire                              | NUDURA Low Expansion Spray Foam* |
| Strapping                             | Window / Door Buck Materials     |
| Floor/ Roof Connection System         | NUDURA Alignment System          |
| Service Penetration Sleeves           | 1"(25 mm) Fiber Tape*            |
| 4"(100 mm) Interlock Protection Tape* | NUDURA Masonry Ties              |



### 3.5.3 ROOF CONNECTION MATERIALS

- Anchor Bolts
- Sill Plates
- Multi-purpose Roof Anchor System

