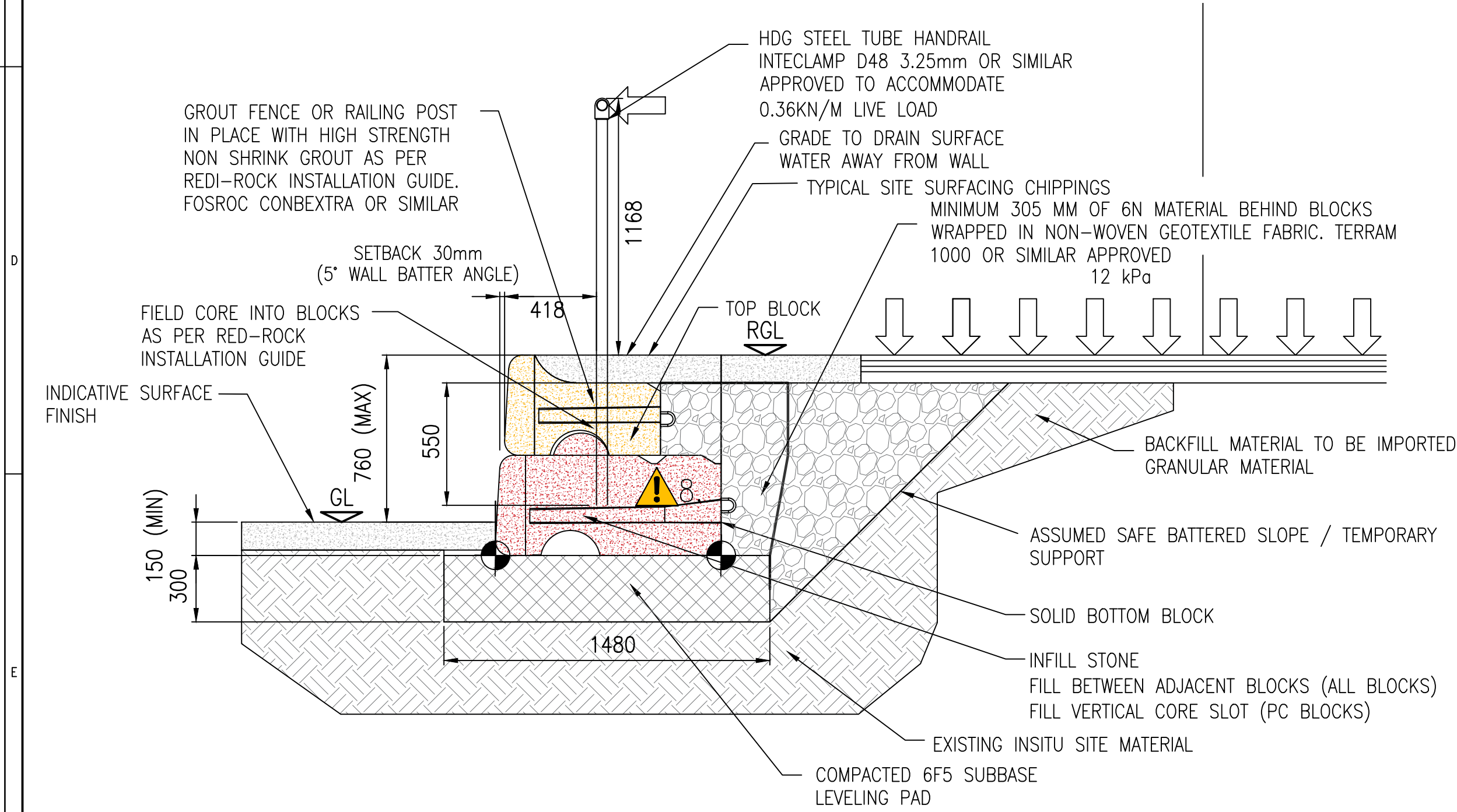
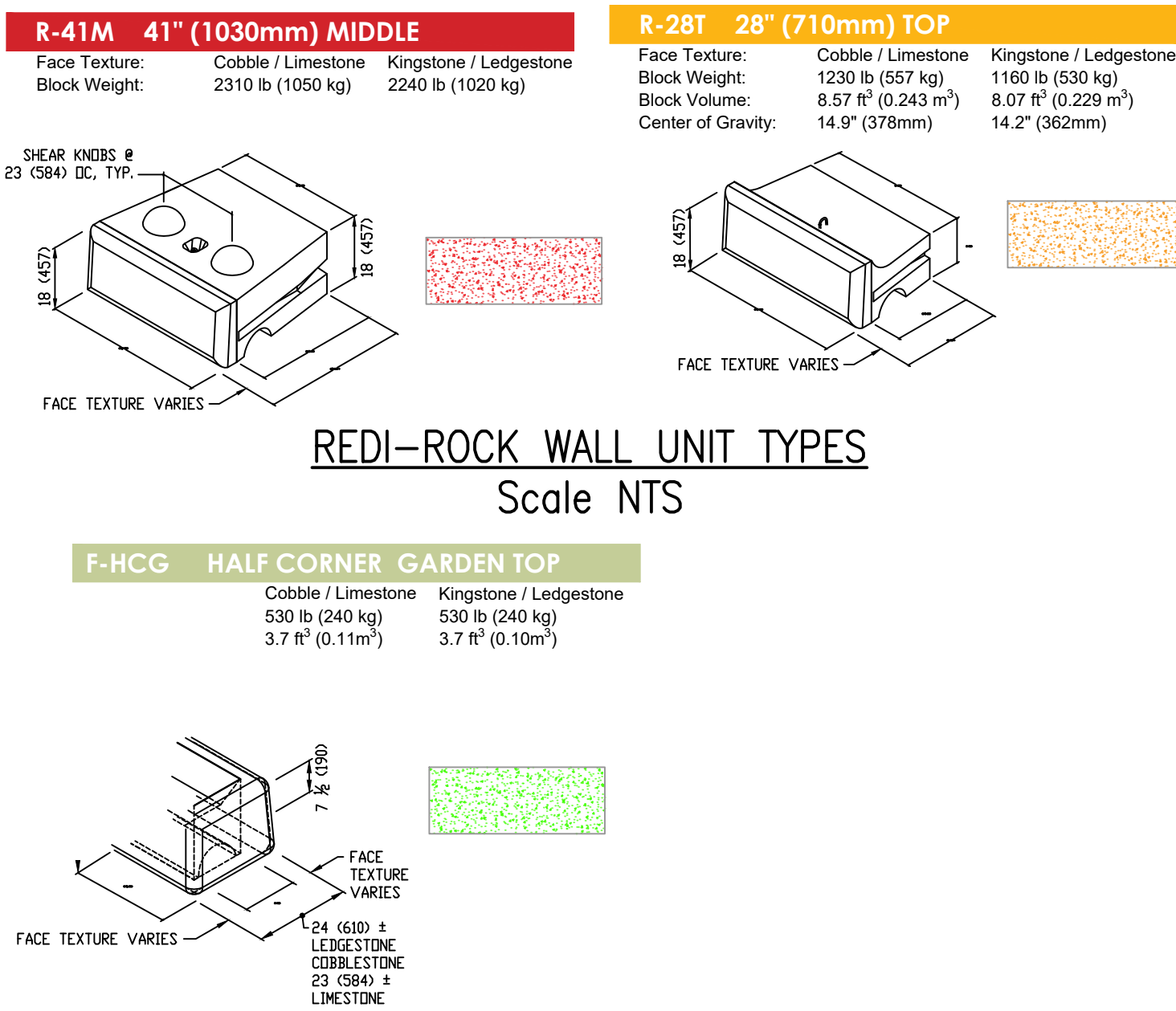


REDI-ROCK RETAINING WALL SECTION- TYPE 1
(MAXIMUM RETAINED HEIGHT 1672MM)
Scale 1:20

REDI-ROCK RETAINING WALL SECTION - TYPE 2
(MAXIMUM RETAINED HEIGHT 1216MM)
Scale 1:20

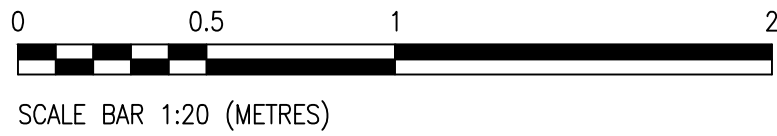


REDI-ROCK RETAINING WALL SECTION- TYPE 3
(MAXIMUM RETAINED HEIGHT 760MM)
Scale 1:20



- ### NOTES
- ALL LEVELS IN METRES ABOVE ORDANCE DATUM (m AOD). ALL CO-ORDINATES ARE IN METRES (m).
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - THE SAFE GROUND BEARING PRESSURE SHALL NOT BE LESS THAN 75kN/m².
 - SOFT SPOTS AND FOREIGN MATERIALS WITHIN THE GROUND TO BE REMOVED WHERE PRESENT AND REPLACED WITH WELL COMPACTED TYPE 1 TO THE UNDERSIDE OF THE BINDING LAYER.
 - THE DESIGN IS BASED ON REDI-ROCK PROPRIETARY MODULAR WALL UNITS.
 - THE DESIGN SHALL BE IN ACCORDANCE WITH THE RELEVANT EUROCODES INCLUDING BE EN 1990, 1991-1-1, 1993-1-1 AND 1997-1.
 - HANDRAILS ARE TO BE DESIGNED TO ACCOMMODATE A 0.36KN/M LIVE LINE LOAD APPLIED HORIZONTALLY TO THE TOP HANDRAIL IN ACCORDANCE WITH BS EN 1991-1-1, TABLE NA.8 CATEGORY E. POST CENTRES NOT TO EXCEED 2.5M IN LINE WITH MANUFACTURERS GUIDANCE. FIRST RAIL SPACING OF 550MM.
 - THE DESIGN SHALL ACCOMMODATE A 12KPA LIVE SURCHARGE IMMEDIATELY BEHIND THE WALL WHICH REPRESENTS THE MAXIMUM LOAD FROM ANTICIPATED CONSTRUCTION VEHICLES.
 - IMPORTED BACKFILL MATERIAL TO COMPRISE IMPORTED GRANULAR MATERIAL IN ACCORDANCE WITH THE WORKS SPECIFICATION WITH A MAXIMUM BULK DENSITY OF 20KN/M³.
 - THE RETAINING WALL SHALL BE DRAINED USING PROPRIETARY REDI-ROCK WEEP HOLES AS SPECIFIED BY REDI-ROCK.
 - RETAINING WALL COMPONENTS ARE TO ACHIEVE A MINIMUM DESIGN LIFE OF 120 YEARS. HANDRAIL COMPONENTS ARE TO ACHIEVE A MINIMUM DESIGN LIFE OF 40 YEARS.
 - ALL STEEL COMPONENTS TO BE SPECIFIED FOR ATMOSPHERIC CORROSION CATEGORY C3 IN LINE WITH BS EN 12944-2.
 - ALL PRODUCTS ARE TO BE CE / UKCA MARKED.
 - RETAINING WALL SECTIONS ARE BASED ON THE REDI-ROCK PRELIMINARY WALL SECTION DESIGN CALCULATION TOOL. DETAILED DESIGN CALCULATIONS AND CONSTRUCTION DETAILS TO BE COMPLETED BY THE SUPPLIER.
 - THE MANUFACTURER SHALL CONTACT THE DESIGNER FOR CLARIFICATION OF ANY LOADING OR GEOTECHNICAL PARAMETERS.

- ### INSTALLATION GUIDANCE
- REFER TO REDI-ROCK MANUFACTURER INSTALLATION GUIDANCE.
 - FOR REDI-ROCK BLOCK DETAILS REFER TO THE REDI-ROCK MANUFACTURER GUIDANCE.



REFERENCE DRAWINGS

REFERENCE DOCUMENTS

PLANNING DRAWING
RETAINING WALL DETAILS

Drg. No. 1 BE 31012315

Mod. A

Security Class

UNMARKED