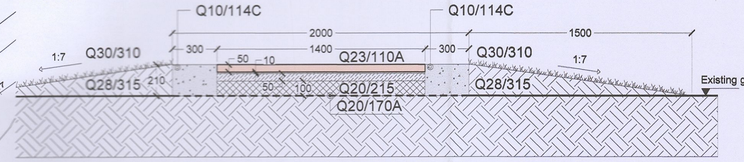
- Rake material (eg. leaves, loose topsoil, gravel, etc.)
- Place geotextile across ground prior to formation of in situ concrete edging detail



NO-DIG PATHWAY SYSTEM LOCATED ABOVE EXITING TREE ROOTS
SECTION CS-01 /scale 1:20

For further details on tree survey please refer to arborist report carried out by CMHTHORT + ARB Ltd.

254507

68m OF ... REPLACED WITH ...

GATE 4
CS-01

HARD COURT PLAY AREA - 1170 sq.m.

Attenuation System

GRASS LAWN

FUTURE EXPANSION 125m²

GRASS

VEGETABLE GARDEN

100 BICYCLE PARK SPACES

33.5m APPROX

FUTURE EXPANSION 203.9886m²

WILDLIFE GARDEN

CS-06

1m depth deep root barrier

GRASS LAWN

26 PARKING SPACES

45m APPROX

48.5m APPROX

8m APPROX

LEVEL 63.40

10.5m APPROX

18m APPROX

10 CAR PARKING SPACES

CS-15

CS-14

CS-13

CS-12

CS-05

CS-03

CS-04

CS-02

CAR ONLY SET - DOWN

BUS ONLY SET - DOWN

1m depth deep root barrier

EXIST. LVL

TL +63.000
TL +62.000
TL +62.0
TL +63.000
TL +63.400
TL +62.400
TL +63.600
TL +62.600

1.5-2m wide embankment to swale

71m³
80m³

63.79
63.99
63.29
63.26
63.283
63.43
63.216
63.383
63.76
63.61
63.884
63.817
63.717
63.55
64.18
64.38
64.15
64.05
64.200
64.370

Pt 16-18
Ag 16-18
Bp 16-18

LANDSCAPE PLAN/scale 1:200

EXISTING TREES
- Existing trees to be retained and protected during works in accordance with BS:5837: 2012 in accordance with arborist's recommendations

Q23/110A Q20/215 Q20/170A — **PAVING - GOLDEN HARD BINDING GRAVEL**
- Hard-compacting gravel paving and sub-bases to be laid as permeable, and laid to max 1:50 falls towards adjacent shrub planting beds.

Q25/150A — **CONCRETE BLOCK PAVING SYSTEM**
- 600mm x 150mm x 80mm depth natural granite aggregate paving unit, in Graphite finish on bedding & sub-base to engineer's design detail and specification, laid in a stretcher-bond laying pattern.
- Kiln-dried Jointing Sand in 'Silver Granite';
- Paving Sealer for a 'Wet Look' finish.

Q21/115A Q20/210 Q20/170A — **PAVING - IN-SITU CONCRETE, EXPOSED AGGREGATE FINISH**
- 210mm depth in-situ concrete paving laid to max. 1:50 cross-falls and treated with an exposed aggregate retarder to provide a more attractive surfacing treatment; saw-cut joints at 3m centres.
- Concrete to be a designed mix with a high amount of rounded aggregates.

Q21/215B Q20/210 Q20/170A — **PAVING - IN-SITU CONCRETE, BRUSHED FINISH**
- 210mm depth in-situ concrete paving laid to max 1:50 cross-falls on 50mm depth sand blinding course
- sub-base and geotextile to engineer's design detail and specification
- applied brushed finish to create slip resistance; saw-cut joints at 3m centres.
- path to incorporate kerb edging adjacent to vehicular road to engineer's detail

Q31/505 Q31/200 Q31/485 Q31/385 Q28/315 — **SEMI-MATURE NATIVE TREES**
- Semi-mature native species provided with 1200mm³ multi-purpose grade topsoil to BS: 3882, topped with black 90gs/m² landscape fabric secured with plastic pegs at 300mm c/cs & 75mm depth medium-grade bark mulch.
- Trees double- staked & supplied with planting accessories, and provided with root restrictors within 2m of paving, underground services and foundations.

Q31/200 Q31/485 Q31/385 Q28/315 — **PLANTING - PERENNIALS:**
- Ornamental perennial planting to comprise ornamental grasses & flowering perennials to soften the visual impact of the development.
- Planting to 300mm depth BS3882 multi-purpose topsoil on free-draining sub-base, topped with 90gs/m² black landscape fabric and 75mm depth medium-grade pine bark mulch.

Q31/200 Q31/485 Q31/385 Q28/315 — **PLANTING - HEDGEROWS:**
- Native & naturalised hedgerow species to provide biodiversity, support for wildlife & screening as they mature.
- Transplant planting to 300mm depth BS3882 multi-purpose topsoil on free-draining sub-base, topped with 90gs/m² black landscape fabric and 75mm depth medium-grade pine bark mulch.

Q30/310 Q28/315 — **SEEDING/TURFING: GRASS LAWNS**
- Excavate lawn areas to 150mm depth & break up base of area to ensure free drainage.
- Backfill with min. 150mm depth multi-purpose grade topsoil to BS3882 to lawn area and seed with low maintenance hard-wearing non-ryegrass amenity grass seed mix at 25g per m², suitable for play.

Q50/220A — **STREET FURNITURE - WOODEN SEATING**
- Iroko seat units
- Base plates bolted to concrete bases 100 mm below paving surface.

Q50/220B — **STREET FURNITURE - RAISED PLANTER**
- 2000x200x100 planed smooth 'Grade A' green oak sleepers (cut to lengths as required) to 500mm height off FPL to provide seating elements to detail.
- Top sleeper to be plugged with 18mmØ green oak plug. Sleepers slotted down over 18/20mm Ø rebar at 1m centres element fixed into C20P concrete foundation to engineer's design detail and specification.
- Backfill raised planters with min. 300mm depth BS:3882 multi-purpose grade topsoil.

Q50/220C — **STREET FURNITURE - HARDWOOD BENCH**
- Strong and rigid Hardwood Bench to comprise sturdy, crosswise-positioned solid slats (7x7cm) mounted in comb system, on an integrated galvanised mild steel structure powder-cpated to RAL 7016. Please refer to image for reference.
- 02 no. 2300x600x480 mm (LxWxH)

Q23/170A — **GRAVEL TRIM TO BASE OF BUILDING**
- Approx. 4-8mm diameter, 100mm depth loose gravel overlay to base of building elevation interface with soft landscape.

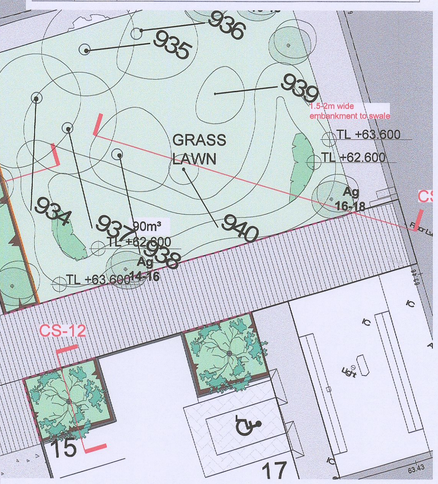
Q10/114A — **ALUMINIUM TRIM**
- L-shaped 102x76x2440 mill finish aluminium landscape edging trim, fixed with concrete nails at 250mm centres, into continuous C20P 200x300mm concrete foundation, and secured by min. 50mm depth increasing to 70 mm continuous C20P concrete as per detail.

Q10/114B — **EDGING TRIM - PRESSURE-TREATED TIMBER**
- 50x150mm planed pressure-treated larch timber edge laid in minimum 2m lengths and screw-fixed to posts at 1m c/cs.
- 50x50x610mm pressure-treated larch posts located at 1m c/cs. (3 no. per 2mtrs length)
- Posts to be finished with a 25mm bevelled top. 2 no. 80mm galvanised screws per post

Q10/114C — **CONCRETE EDGING TO LIGHTWEIGHT PATH SYSTEM**
- In situ exposed aggregate concrete edging on geotextile to achieve an exposed aggregate finish to IS EN 206/BS:8500 tolerances.

KERB
- Kerb to engineer's design, detail and specification

TREE ROOT BARRIER
- 1m depth deep root barrier to trees within 6m of distance from services.
- Quantity: 153 m length in total.



STEPHEN **DIAMOND** ASSOCIATES
CHARTERED LANDSCAPE ARCHITECTS

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Client: Department of Education and Skills
Project: Clondalkin Adapt 18
Title: Landscape Plan
Drg No: 16-444-PD-03 Date Issued: 2023-04-26 Scale: 1:200 @ A1
Drawn: LP Purpose: Tender Checked: SD