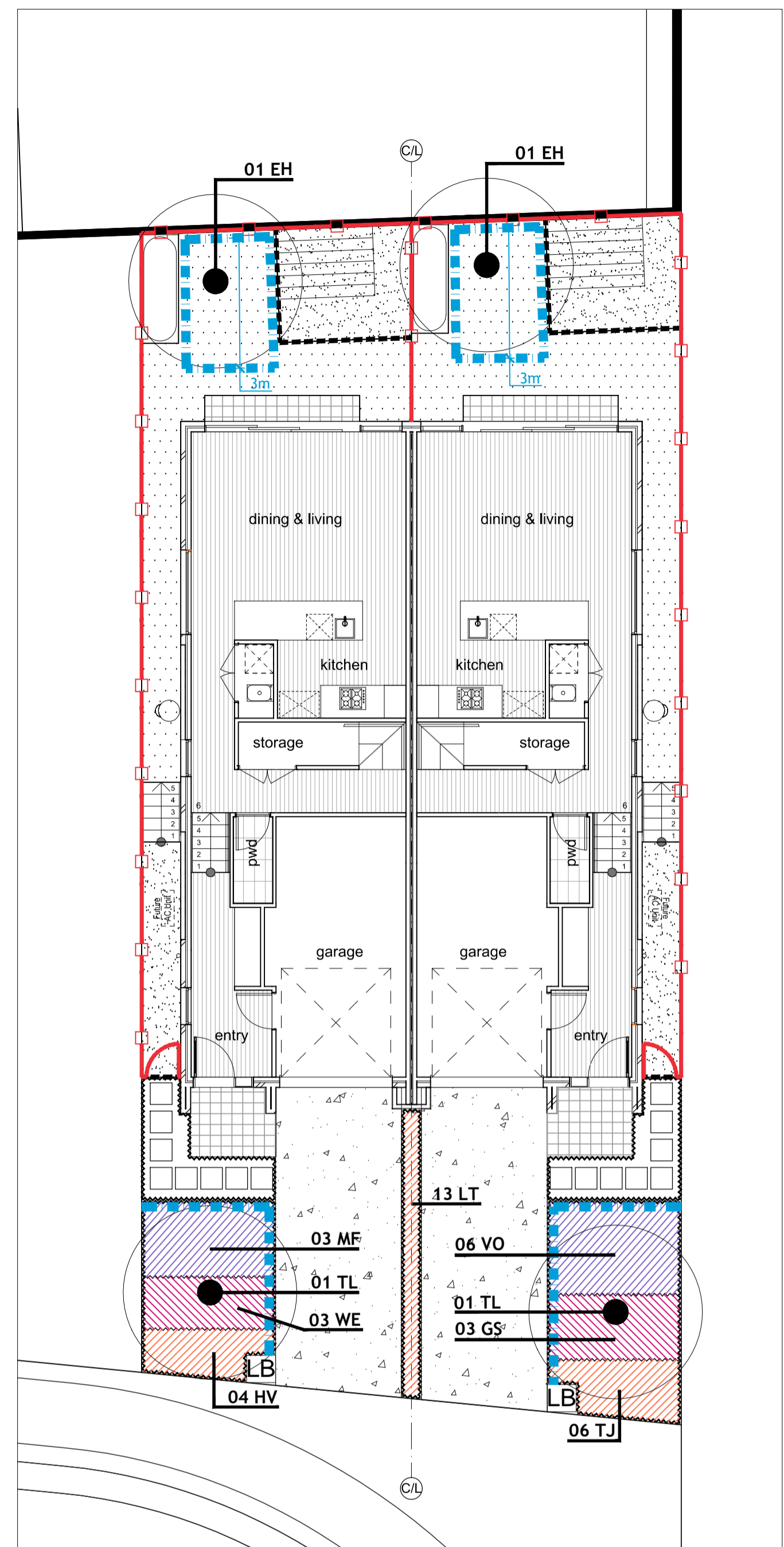


LEGEND

- MULCHED GARDEN BED ZONE**
Refer Surface Finishes Schedule on this sheet for further details.
- MULCHED AREA WITH STEPPING STONES**
Refer Surface Finishes Schedule on this sheet for further details.
- CONCRETE DRIVEWAYS**
Colored concrete.
- PAVING**
Colored concrete pavers. Refer to drawing for DA-02 further details.
- LAWN: 75mm TOPSOIL, GRASS SEED & FERTILISER**
Refer Surface Finishes Schedule on this sheet for further details.
- TUSCAN TOPPINGS: 75mm DEEP**
Refer Surface Finishes Schedule on this sheet for further details.
- 1.8m HIGH BOUNDARY FENCE & GATE**
NOTE: To Council standards.
- RETAINING WALLS**
Refer to Craig & Rhodes Engineers drawings for further information.
- TIMBER EDGE**
Refer to DA-02 (Landscape Details) for further information.
- STEPPING STONES**
500 X 500 Colored concrete pavers.
- FINISHED FLOOR LEVELS/PROPOSED FINISHED LEVELS**
- FINISHED GROUND LEVELS**
- ±120mm HIGH STEP FACED WITH PAVERS**
Refer to DA-02 (Landscape Details) for further information.
- WATER TANK**
Refer to DKO Architects drawings for further information.
- CLOTHES LINE**
Refer to DKO Architects drawings for further information.
- LETTER BOX**
Refer to DKO Architects drawings for further information.
- STEPS**
Refer to DKO Architects drawings for further information.



LEGEND

- PROPOSED PLANTING**
Refer to Plant Schedule on this sheet for further details.
- ROOT CONTROL BARRIER**
TYPE: Rootstop
SIZE: 1000mm (DEEP) x 50mm (THICK) x 3000mm (MIN. LENGTH)
SUPPLIER/MANUFACTURER: ARBORGREEN-TEL. 1300 760 642
NOTES: Installed as per supplier/manufacturer instructions. Contractor to provide written confirmation stating all Root control barriers have been installed.
- PROPOSED TREES**
Refer to Plant Schedule on this sheet for further details.

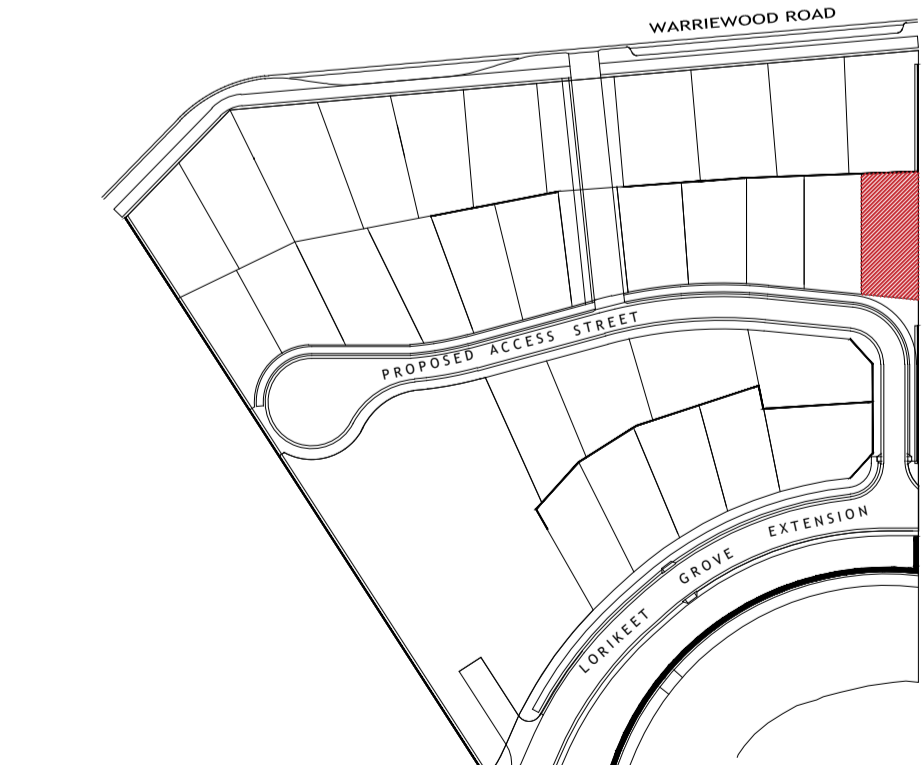
PLANT SCHEDULE

Code	Botanical Name	Common Name	Height & Width	Spacing	Pot Size/ Bag Size	Quantity
TREES (REAR YARDS)						
*EH	EUCALYPTUS haemastoma	Broad leaved Scribbly gum	12-15m x 5m	As shown	1.8m/45 Litre	02
TREES (FRONT GARDENS)						
**TL	TRISTANIOPSIS laurina	Kanooka Gum	12m x 4-6m	As shown	1.8m/45 Litre	02
LARGE SHRUBS						
MF	MICHELIA figo	Port Wine Magnolia	2.5m x 2m	As shown	200mm	03
VO	VIBURNUM odoratissimum	Sweet Viburnum	4-6m x 4m	As shown	200mm	06
MEDIUM SHRUBS						
WE	WESTRINGIA 'Wynabbie gem'	Westringia Wynabbie Gem	1.5m x 1.2m	As shown	200mm	03
GS	GREVILLEA sericea	Pink Spider Flower	1.5x 1.5m	As shown	200mm	03
GROUNDCOVERS & TUFTED PLANTS						
TJ	TRACHELOSPERMUM jasminoides	Star Jasmine	0.5m x 1m	As shown	200mm	06
LT	LOMANDRA 'Tanika'	Tanika	0.7m x 0.7m	As shown	200mm	13
HV	HARDENBERGIA violacea 'Meema'	Native Sarsparilla	0.5x 1.0m	As shown	200mm	04

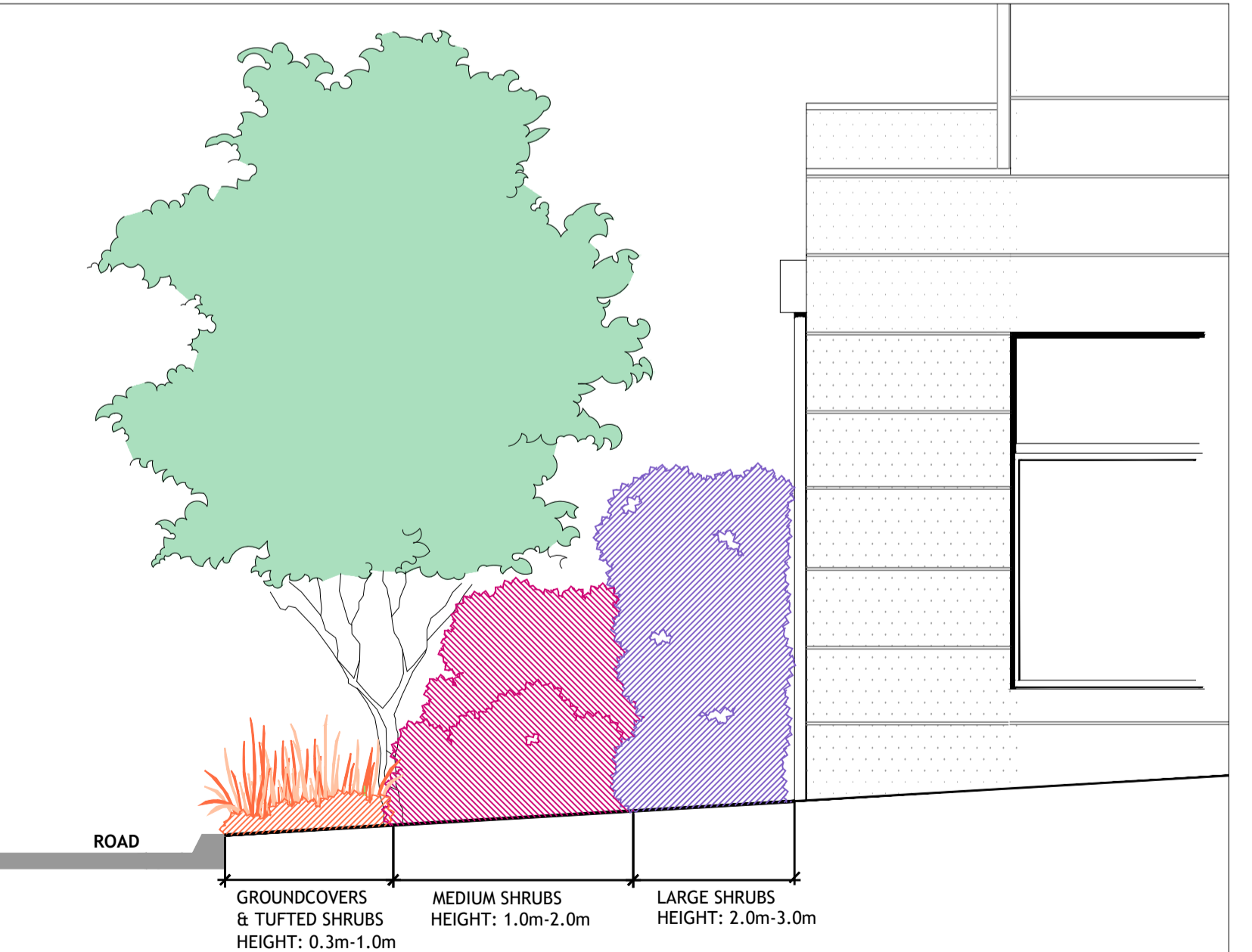
NOTES: All 45 Litre Trees planted in the rear of lots to have Root control barriers.
 ** All Trees to be Planted as 45 Litre container. Refer to installation detail on DA-02.
 # Plant Species have been selected from the following sources:
 1. PDCP 21 Control D16.5 Landscaped Areas for Newly Created Individual Allotments-Plant lists;
 2. Warriewood Valley Landscape Masterplan and Urban Design Guidelines-Plant List
 3. Pittwater Council-Native Plants for Your Garden-Lowlands Plant List;
 4. Pittwater Council-Prelodgement Report-Recommended Plants;
 # Less than 20% of the shrub species are exotic species and within the 30% allowable range.

SURFACE FINISHES SCHEDULE

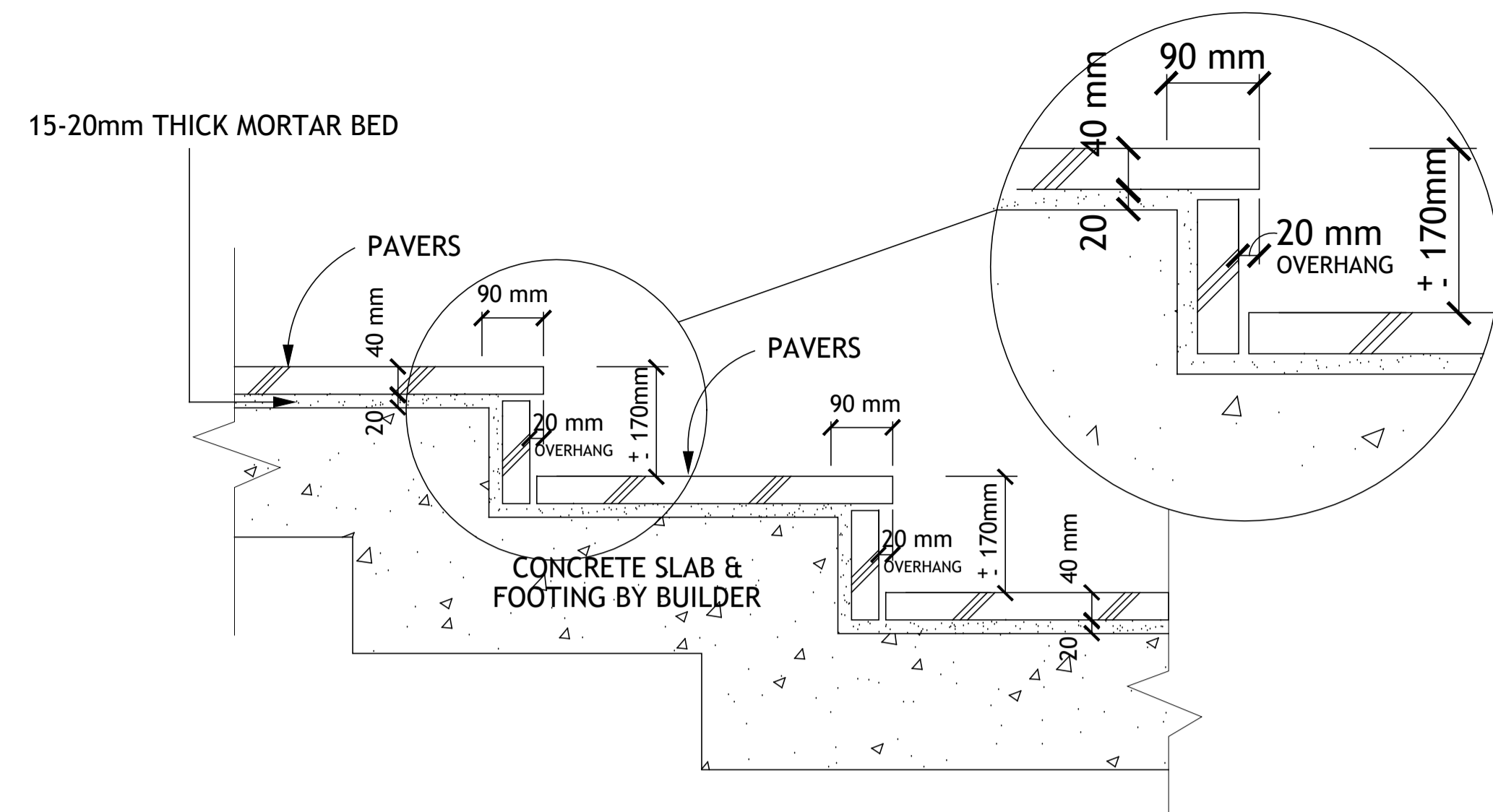
PLAN SYMBOL	SECTION	DESCRIPTION
		75mm DEEP MULCH. 200mm DEEP IMPORTED SANDY LOAM TOPSOIL. ADD GYPSUM AND ROTARY HOE SUBSOIL 200mm DEEP (GYPSUM SPREAD AT RATE 1.5kg/M2) & SUBGRADE TO BE EVENLY LEVELLED & GRADED.
		75mm DEPTH MULCH SUBGRADE TO BE EVENLY LEVELLED & GRADED AWAY FROM BUILDING.
		LAWN SEED: YATES SMART COUCH LAWN SEED 75mm DEEP APPROVED IMPORTED SANDY LOAM TOPSOIL EVENLY SPREAD & GRADED. AN APPLICATION OF YATES DYNAMIC LIFTER FOR LAWNS TO BE APPLIED AS PER MANUFACTURER'S INSTRUCTIONS. SUBGRADE TO BE EVENLY LEVELLED & GRADED AWAY FROM BUILDING.
		75mm DEEP 14mm DIA COMPACTED TUSCAN TOPPINGS. SUBGRADE TO BE EVENLY LEVELLED & GRADED AWAY FROM BUILDING.



SITE CONTEXT PLAN
NTS



TYPICAL SECTION FOR PLANTING LAYOUT
NTS



A STEP RISERS- Typical Detail

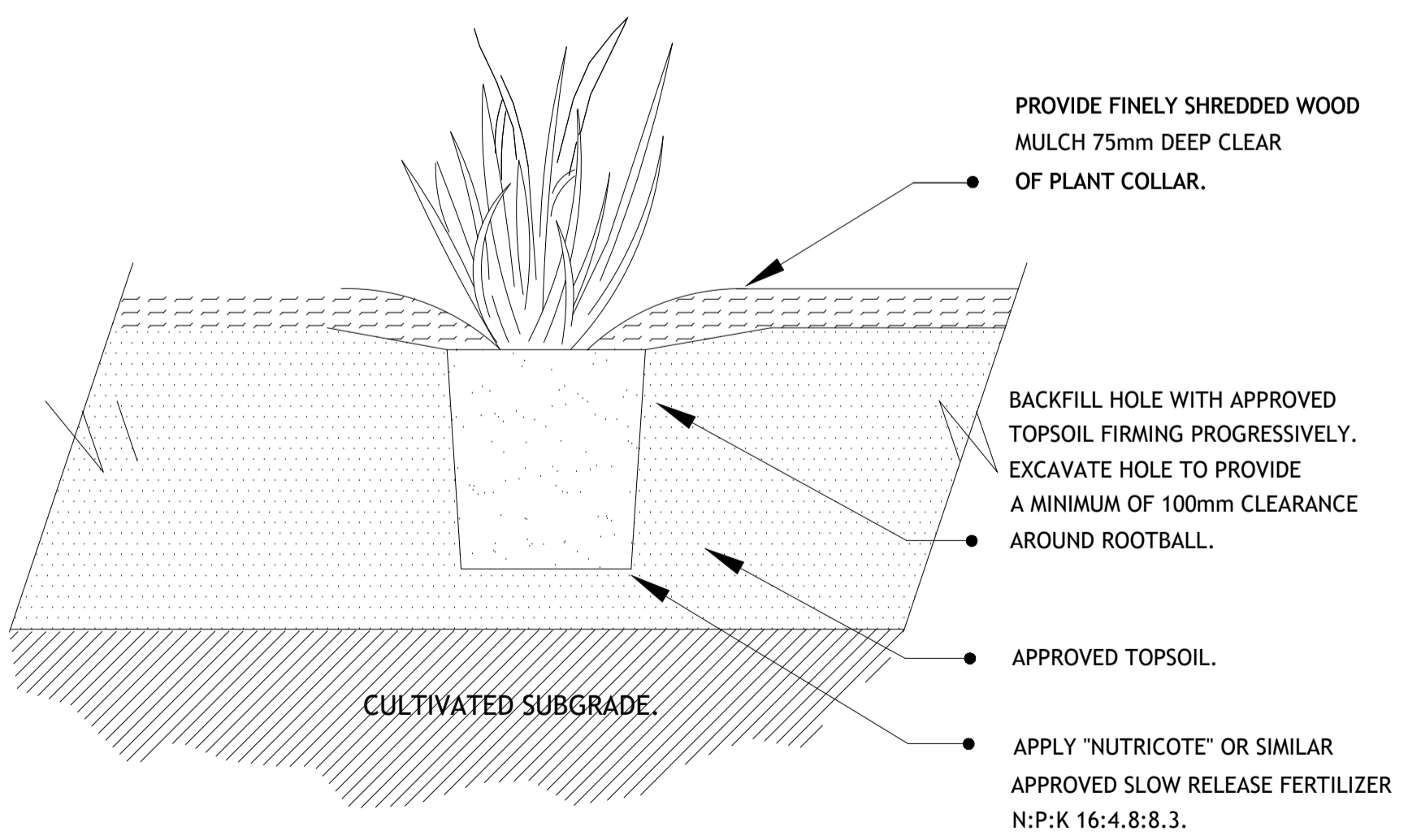
NOT TO SCALE

SURFACE FINISHES SCHEDULE

PLAN SYMBOL	SECTION	DESCRIPTION
		<ul style="list-style-type: none"> COLOURED CONCRETE PAVERS ON A 15-20mm THICK MORTAR BED. 75mm INSITU CONCRETE WITH F62 MESH CENTRAL 50mm 20NS CLASS 2 CRUSHED ROCK PREPARED SUBGRADE

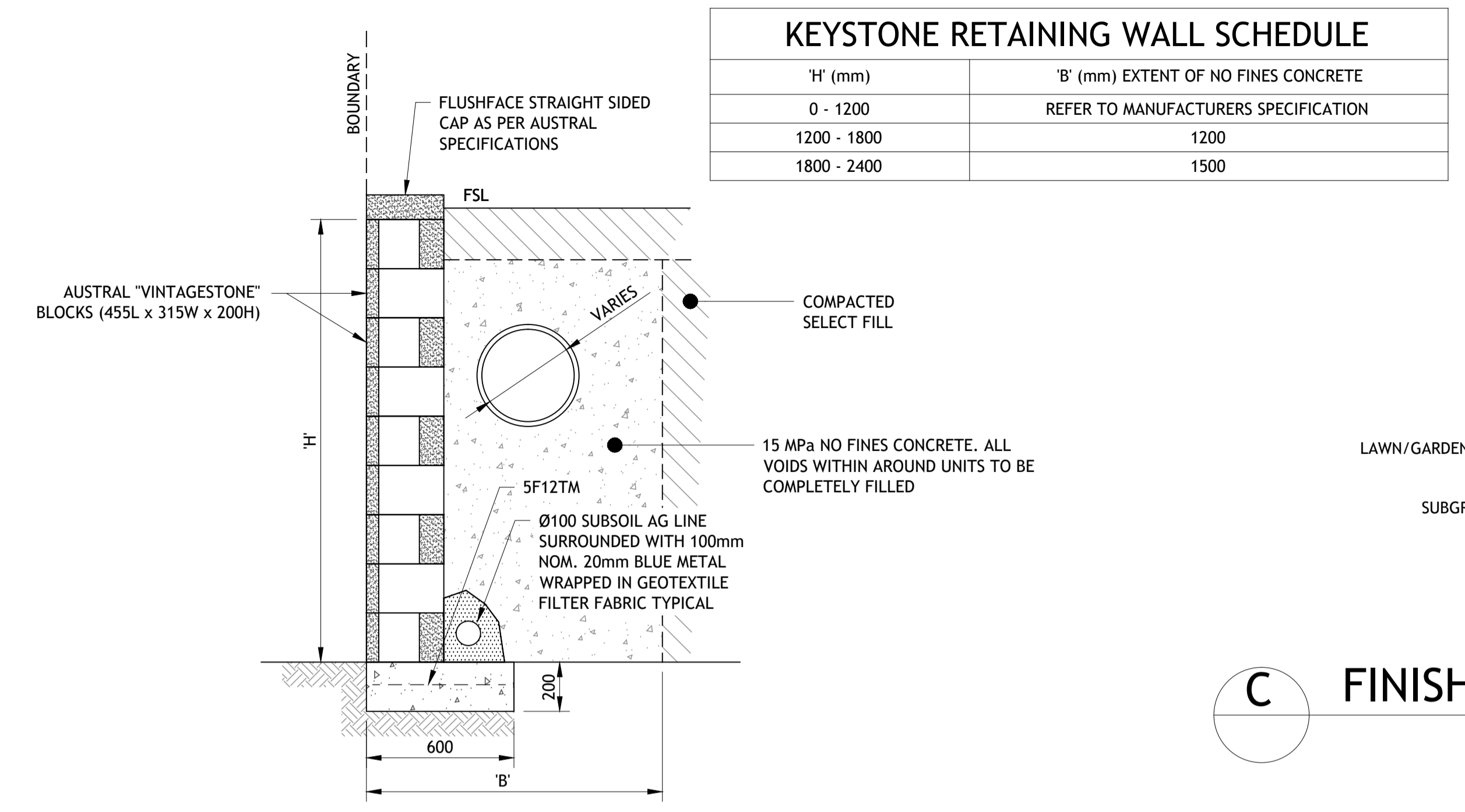
A. NOTE: CONCRETE FOOTINGS FOR FRONT STEPS TO BE DOWELLED INTO HOUSE SLAB & CONCRETE DRIVEWAY. CONFIRM & OBTAIN APPROVAL ON-SITE WITH BUILDER, THE DOWELLING METHOD, PRIOR TO WORKS BEING UNDERTAKEN.

B. NOTE: EXPANSION & CONTROL JOINTS TO ALL ADJOINING CONCRETE WORKS. CORKING TO BE INSTALLED AT ALL CONNECTIONS TO THE HOUSE, PATHS & DRIVEWAYS.



D PLANTING DETAIL - 200mm

NOT TO SCALE

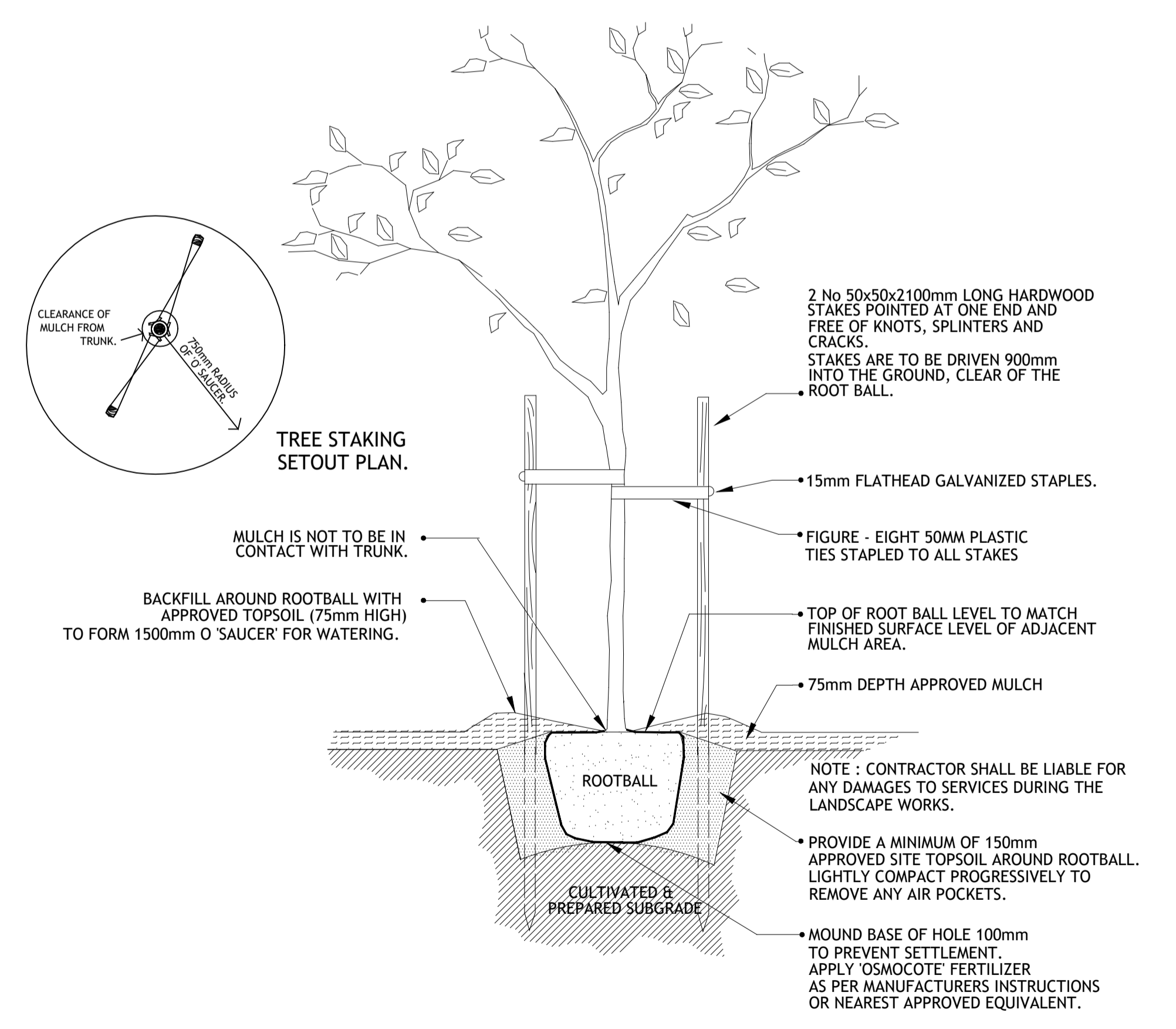


KEYSTONE RETAINING WALL SCHEDULE

'H' (mm)	'B' (mm) EXTENT OF NO FINES CONCRETE
0 - 1200	REFER TO MANUFACTURERS SPECIFICATION
1200 - 1800	1200
1800 - 2400	1500

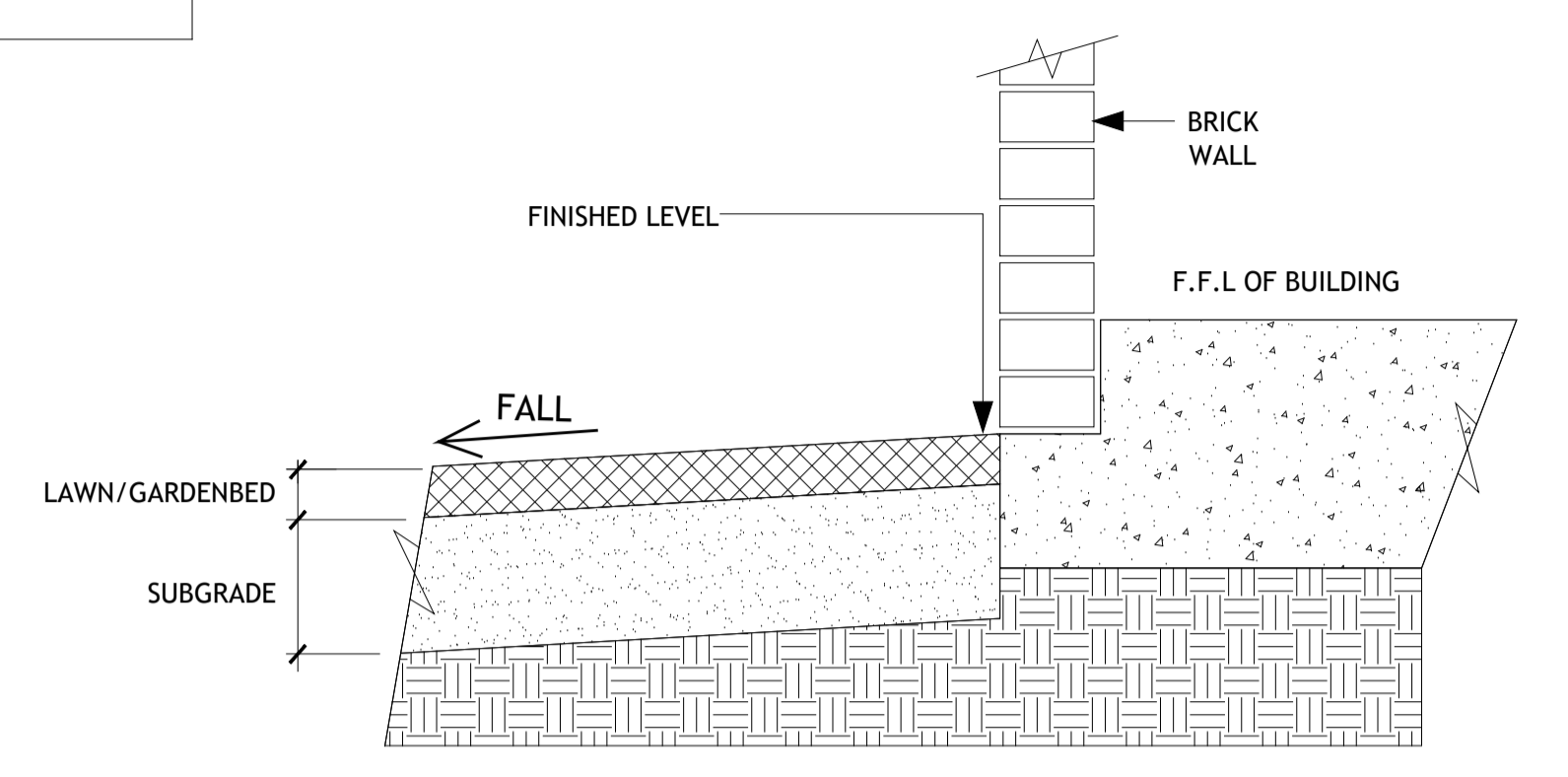
B TYPICAL KEYSTONE BLOCK RETAINING WALL

NOTE: THE ABOVE DETAIL HAS BEEN PREPARED AND PROVIDED BY CRAIG & RHODES ENGINEERS & HAS BEEN APPROVED BY COUNCIL AS PART OF THE CIVIL ENGINEERING WORKS.



E ADVANCED TREE PLANTING DETAIL- 45 Litres Tree

NOTE : CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGES TO SERVICES DURING THE LANDSCAPE WORKS.



C FINISHED SURFACE GRADING DETAIL

MAINTENANCE & ESTABLISHMENT PERIOD

THE WHOLE OF THE WORKS SHALL BE UPHELD AGAINST ANY DEFECTS DUE TO FAULTY AND/OR POOR WORKMANSHIP AND MAINTAINED FOR A PERIOD OF 12 MONTHS.

THE FOLLOWING IS A BREAKDOWN OF ALL MAINTENANCE ITEMS INCLUDING WATERING TO BE COMPLETED.

TREES: ALL TREE STAKING TO BE MAINTAINED AS PER THE TREE PLANTING DETAILS AT ALL TIMES. STAKES & TIES TO BE STRAIGHTENED AND REPLACED TO ENSURE STABILITY. ALL TREES ARE TO BE OF SOUND STRUCTURE AND DISPLAY GOOD HEALTH AND ARE FREE OF DISEASE AND PESTS. IF ANY SPRAYING OR TREATMENT FOR PEST AND DISEASE CONTROL IS REQUIRED, THESE SHOULD BE COMPLETED AS PER MANUFACTURER'S INSTRUCTIONS.

ANY DEAD OR POOR PERFORMING TREES SHALL BE REPLACED IMMEDIATELY. TREE STAKES NEED TO BE REGULARLY MONITORED AND RELOCATED AWAY FROM TREE BRANCHES IF THEY ARE DAMAGING THE TREES. MULCH BOWLS AT THE BASE OF EACH TREE ARE TO BE WEED-FREE AT ALL TIMES AND MULCH DEPTHS REGULARLY MAINTAINED AS PER INSTALLATION TREE DETAIL.

GARDEN BEDS & PLANTING: HERBICIDE SPRAY & REMOVE ALL WEEDS, ROCKS AND RUBBISH FROM THE SITE ON A MONTHLY BASIS. FULL COVERAGE OF PLANTS TO BE REQUIRED AT THE END OF THE MAINTENANCE PERIOD. ALL MULCHED AREAS TO BE MAINTAINED AT THE NOMINATED DEPTHS AS PER THE INSTALLATION DETAILS. ANY DEAD OR POOR PERFORMING PLANTS WITHIN THE GARDEN BEDS SHALL BE REPLACED IMMEDIATELY, AT THE EXPENSE OF THE CONTRACTOR. SPRAYING OF ALL PLANTS FOR PEST AND DISEASE CONTROL TO COMPLETED ON AN 'AS NEEDS' BASIS. ANY SPRAYING OF PLANTS SHALL BE COMPLETED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. THE SAFETY AND PRECAUTION INSTRUCTIONS ARE TO BE READ, UNDERSTOOD AND APPLIED.

GRASS SEEDED LAWNS: ALL LAWN AREAS ARE TO BE HERBICIDED ONCE PER MONTH, WITH ALL WEEDS, ROCKS AND RUBBISH REMOVED OFF-SITE. A RED-DYE IS TO BE MIXED WITH THE HERBICIDE TREATMENT TO CONFIRM A MONTHLY APPLICATION. MOW ALL AREAS & BRUSH-CUT ALL ADJOINING EDGES - 12 TIMES PER YEAR . THE HEIGHT OF GRASS IS NOT TO EXCEED 120MM HIGH. THE AVERAGE GRASS HEIGHT OF 40-60MM HIGH IS REQUIRED AT ALL TIMES. THE TIMES OF THE YEAR REQUIRING MOWING MAY VARY DEPENDING ON THE SEASON, HOWEVER THE NOMINATED HEIGHT OF GRASS IS TO BE ADHERED TOO. TOP-SOILING AND RE-SEEDING OF BARE AREAS IS TO BE COMPLETED. REGULAR FERTILIZING OF SEEDED LAWNS SHALL BE COMPLETED AS PER THE MANUFACTURERS INSTRUCTIONS. THE OWNER IS TO REGULARLY MONITOR THE IRRIGATION SYSTEM, ENSURING THE CORRECT QUANTITY AND DISTRIBUTION OF WATER TO ALL PLANTS IS BEING UNDERTAKEN. ADJUSTMENTS TO THE WATERING REGIME WILL NEED TO BE REGULATED THROUGHOUT THE YEAR, DEPENDING ON THE SEASON.

IRRIGATION SYSTEM: THE OWNER IS TO REGULARLY MONITOR THE IRRIGATION SYSTEM, ENSURING THE CORRECT QUANTITY AND DISTRIBUTION OF WATER TO ALL PLANTS IS BEING UNDERTAKEN. ADJUSTMENTS TO THE WATERING REGIME WILL NEED TO BE REGULATED THROUGHOUT THE YEAR, DEPENDING ON THE SEASON.

REGULAR MONITORING AND ASSESSMENT OF ALL IRRIGATION MATERIALS AND FIXTURES IS TO BE COMPLETED, ENSURING WATER IS BEING DISTRIBUTED TO ALL PLANTS AND TURF AREAS. REGULAR MONITORING OF THE CONTROL BOX TIMER IS TO BE COMPLETED.

DA APPROVAL

HAMILTON LANDSCAPE ARCHITECTS PTY LTD
 Site Planning | Urban Design | Landscape Architecture
 1 York Place, Carlton VIC 3053 - Australia | Tel: +61 03 9348 2800
 E-mail: office@hla.net.au | http://www.hla.net.au

PROJECT
WARRIEWOOD LOT 11

DRAWING LANDSCAPE DETAILS FOR: E & P COMELLI PTY LTD
 SCALE 1:100 @ A1 DRAWN WL DATE 30/09/2019 JOB NUMBER 19-046

DRAWING No.
DA-02

REVISION
A

FILE NAME
Lot 11 Landscape Plan