

GENERAL NOTES

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LEGEND:

- PROPERTY LINE
- SETBACK
- LOT LINE
- CONCRETE BARRIER CURB
- DEPRESSED CURB
- STORM SEWER
- SANITARY SEWER
- WATER/SEWER
- BERM FOUNDATION LIMIT
- NEW LANDSCAPE CATCH BASIN
- NEW DITCH INLET CATCH BASIN (DICB)
- NEW CATCH BASIN MANHOLE
- NEW SIAMESE CONNECTION
- EXISTING FIRE HYDRANT
- NEW FIRE HYDRANT
- NEW EXTERIOR LIGHT STANDARDS
- PEDESTRIAN LIGHTING, SEE ELECTRICAL
- BOLLARD LIGHTING, SEE ELECTRICAL
- TYPE 1 CONCRETE SURFACE - LIGHT DUTY
- TYPE 1 CONCRETE SURFACE - HEAVY DUTY
- TYPE 2 CONCRETE SURFACE - LIGHT DUTY - BY TOMLINSON
- TYPE 2 CONCRETE SURFACE - HEAVY DUTY - BY TOMLINSON
- STONE DUST PATH
- RIVERSTONE MAINTENANCE EDGE
- LINE PAINTING - BY TOMLINSON
- WHITE STONE BALLAST
- TYPE 1 NATURAL STONE INLAY
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- LIMIT OF STRUCTURAL SOIL BELOW
- GUARD FENCE AT BERM WALL
- ZEBRA CROSSING LINE PAINTING - BY TOMLINSON
- UA STALL LINE PAINTING - BY TOMLINSON
- LANDSCAPE BOULDER
- HORIZONTAL BIKE PARKING (1.8x0.6m)
- BENCH
- WASTE RECEPTACLE
- FREESTANDING TABLE AND CHAIRS
- LOCATION TO BE DETERMINED ON SITE
- PROPOSED STREET TREES (BY CITY)
- NEW TREES
- NEW SHRUBS

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07	10.11.2016	ISSUED FOR COORDINATION
06	02.11.2016	ISSUED FOR COORDINATION
05	05.08.2016	ISSUED FOR BUILDING PERMIT
04	14.07.2016	ISSUED FOR COORDINATION
03	31.05.2016	ISSUED FOR FOUNDATION PERMIT
02	13.04.2016	REVISED SITE PLAN APPLICATION
01	18.12.2015	ISSUED FOR SITE PLAN APPLICATION

NOTES:

- REFER TO SPECIFICATIONS FOR FURNITURE MOUNTING.
- TYPE 1 + 2 LANDSCAPE BOULDERS ARE TO BE CONFIRMED AND SOURCED BY TOMLINSON. FINAL LAYOUT AT ADJACENT AREAS TO BE CONFIRMED ON SITE.
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- REFER TO ARCHITECTURAL AND STRUCTURAL FOR ARCHITECTURAL BERM FOOTINGS AND DETAILS.

REVISIONS:

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SEAL: [Professional Seal of David M. Lashley, Landscape Architect, Ontario]

PROJECT NORTH: [North Arrow]

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 W LashleyLA.com
 E Mail@LashleyLA.com

LASHLEY & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 AND SITE ENGINEERING

PROJECT: TOMLINSON NEW BUILDING 4501 STRANDHERD DRIVE

DRAWING TITLE: LANDSCAPE SITE PLAN

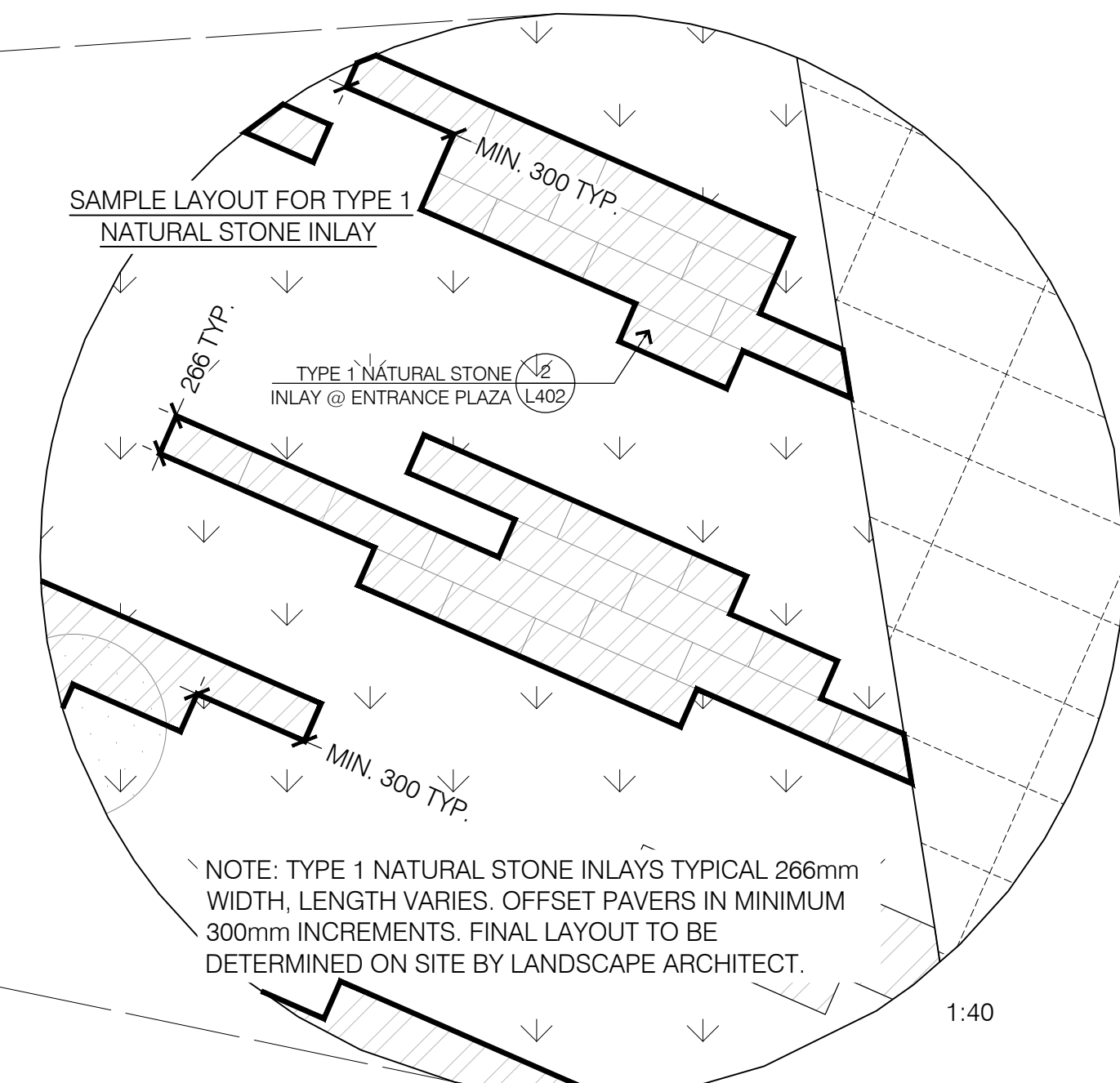
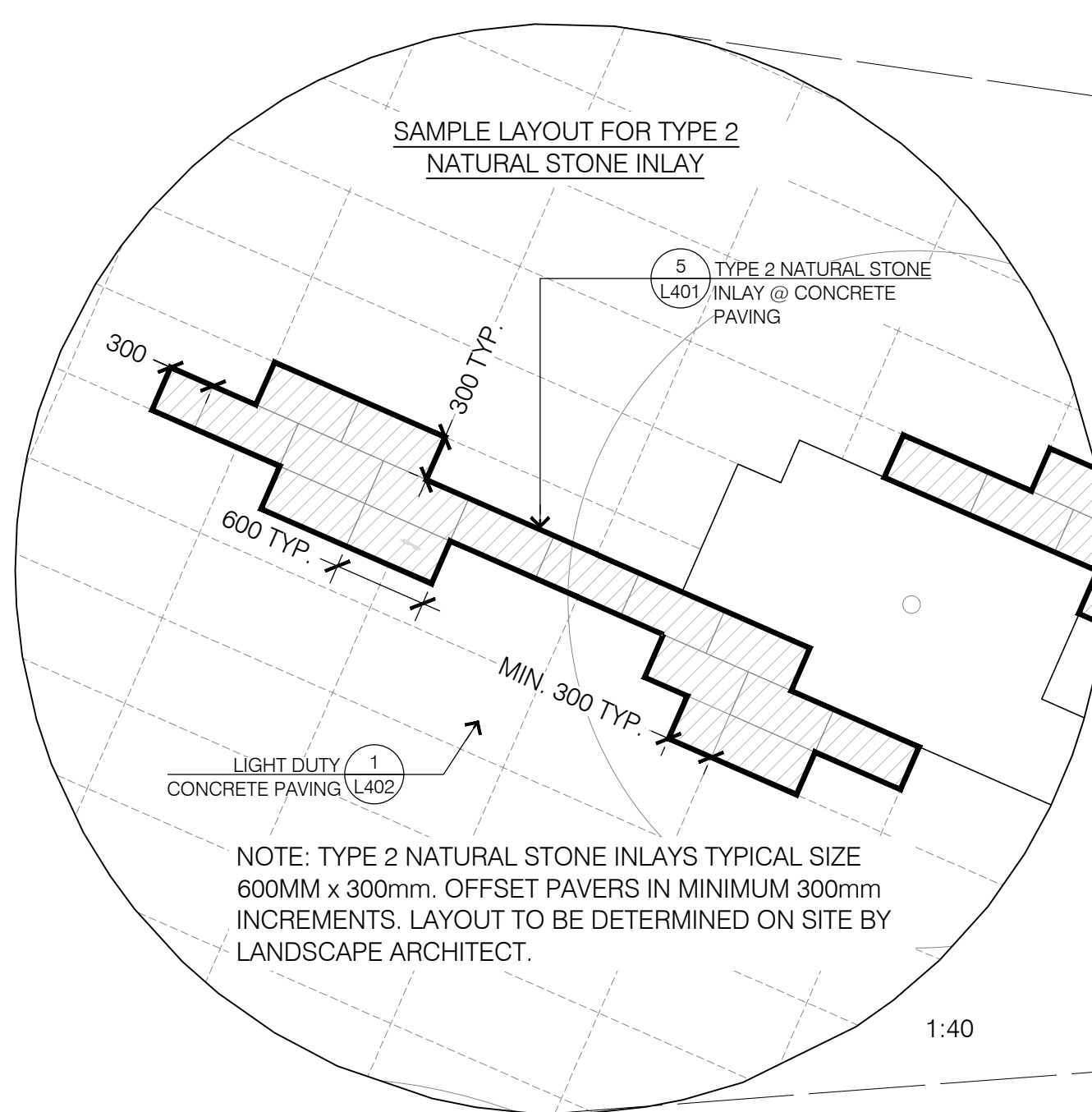
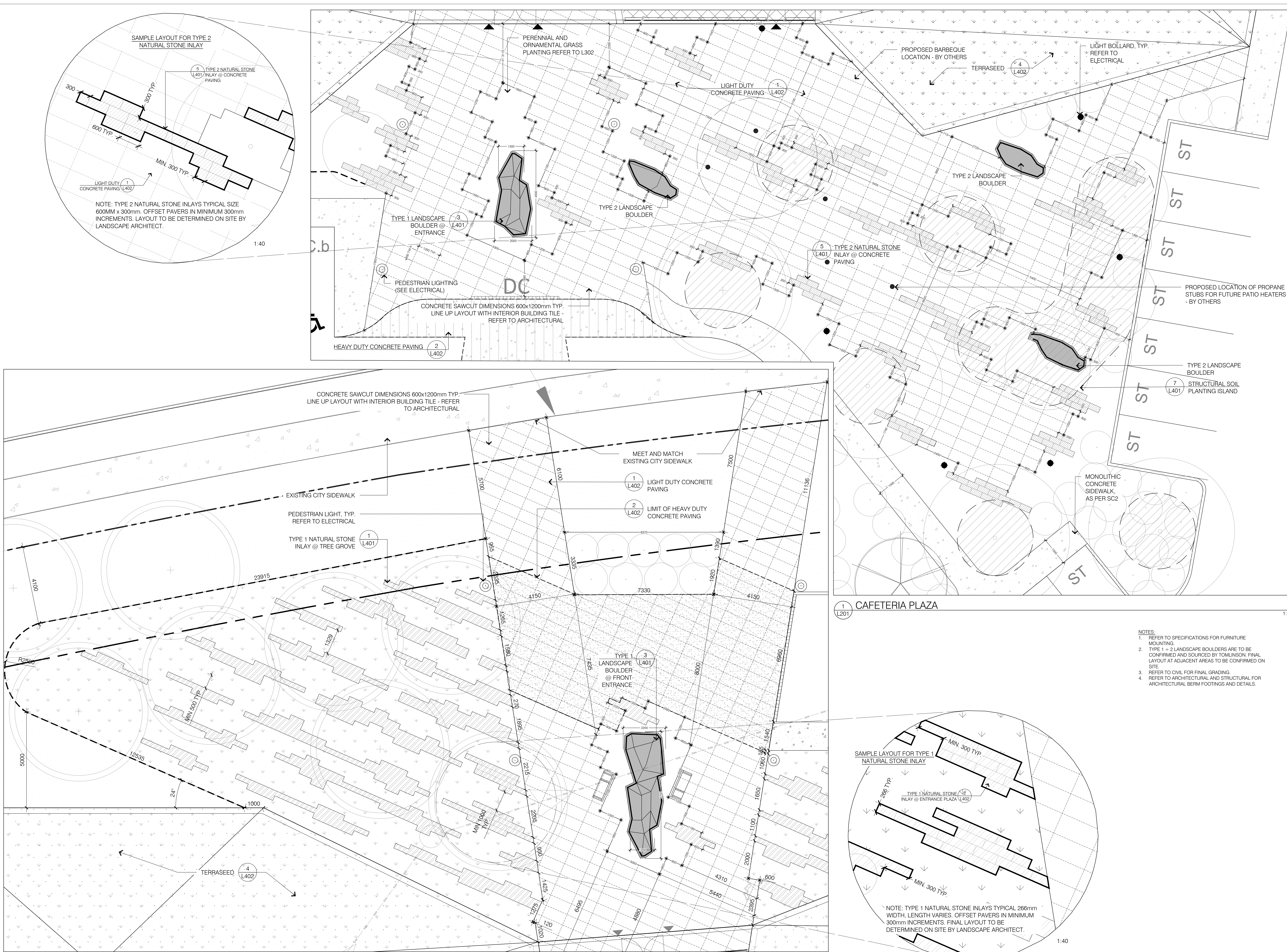
DATE: 10/8/2015 **DRAWING No.:** L101

SCALE: AS INDICATED

DRAWN BY: MS

JOB No.: LA 15610-1

GRAPHIC SCALE: 1:300
 0 2 4 8 14m



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SEAL: PROJECT NORTH:

TOMLINSON
FOUNDED BY BRYAN WHITE, GUIDED BY VISION

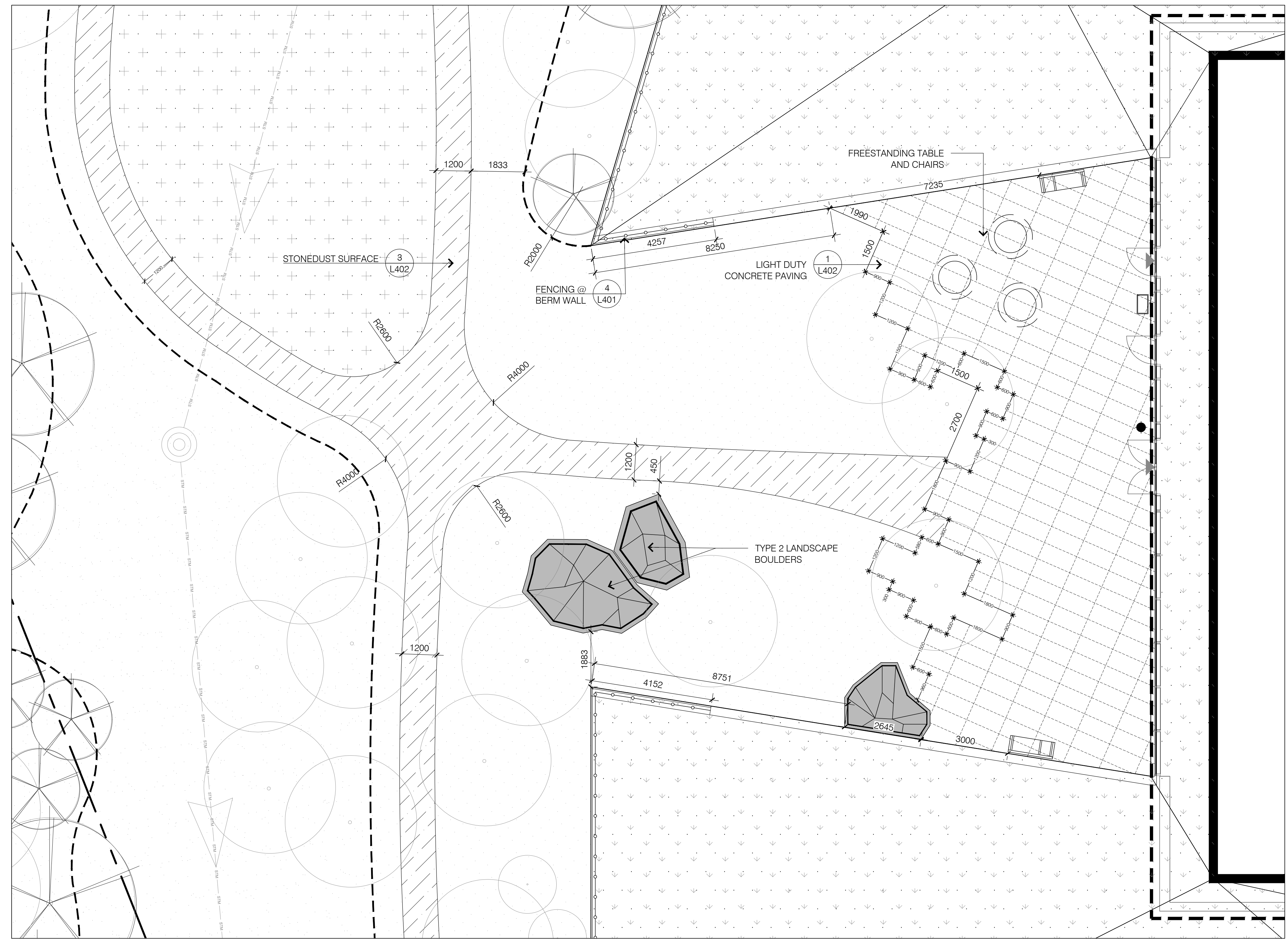
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PROJECT: TOMLINSON
NEW BUILDING
4501 STRANDHERO DRIVE

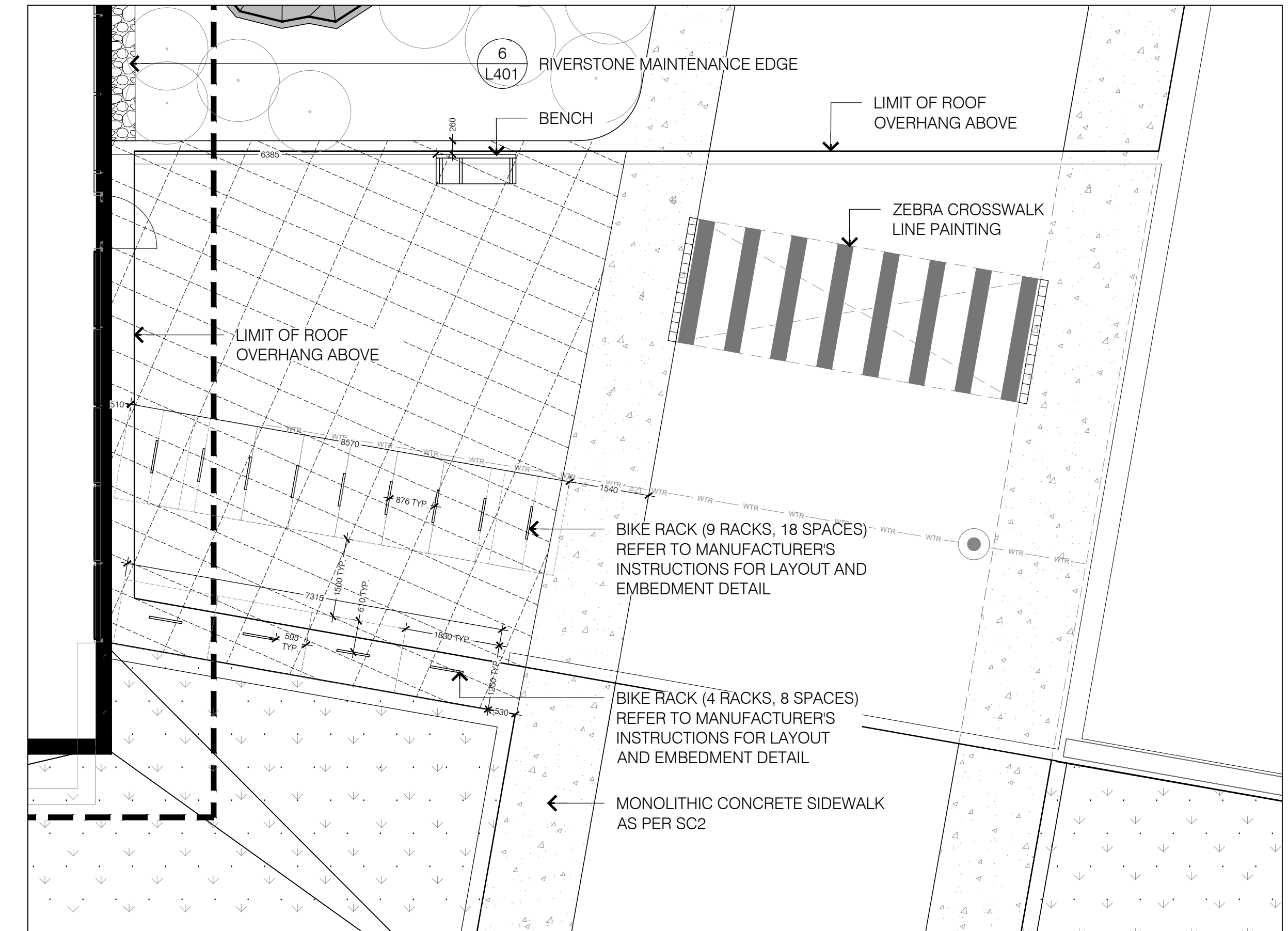
DRAWING TITLE: LANDSCAPE PLAN DETAILS

DATE:	10/8/2015	DRAWING No:	
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DRAWN BY:	MS		
JOB No:	LA 15610-1		



1 NORTH PLAZA

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2 BIKE PARKING

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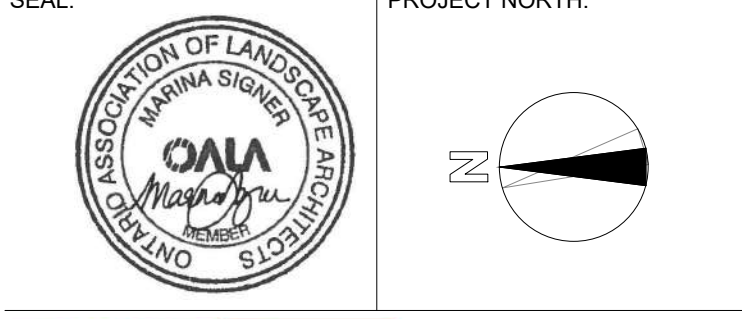
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LASHLEY & ASSOCIATES

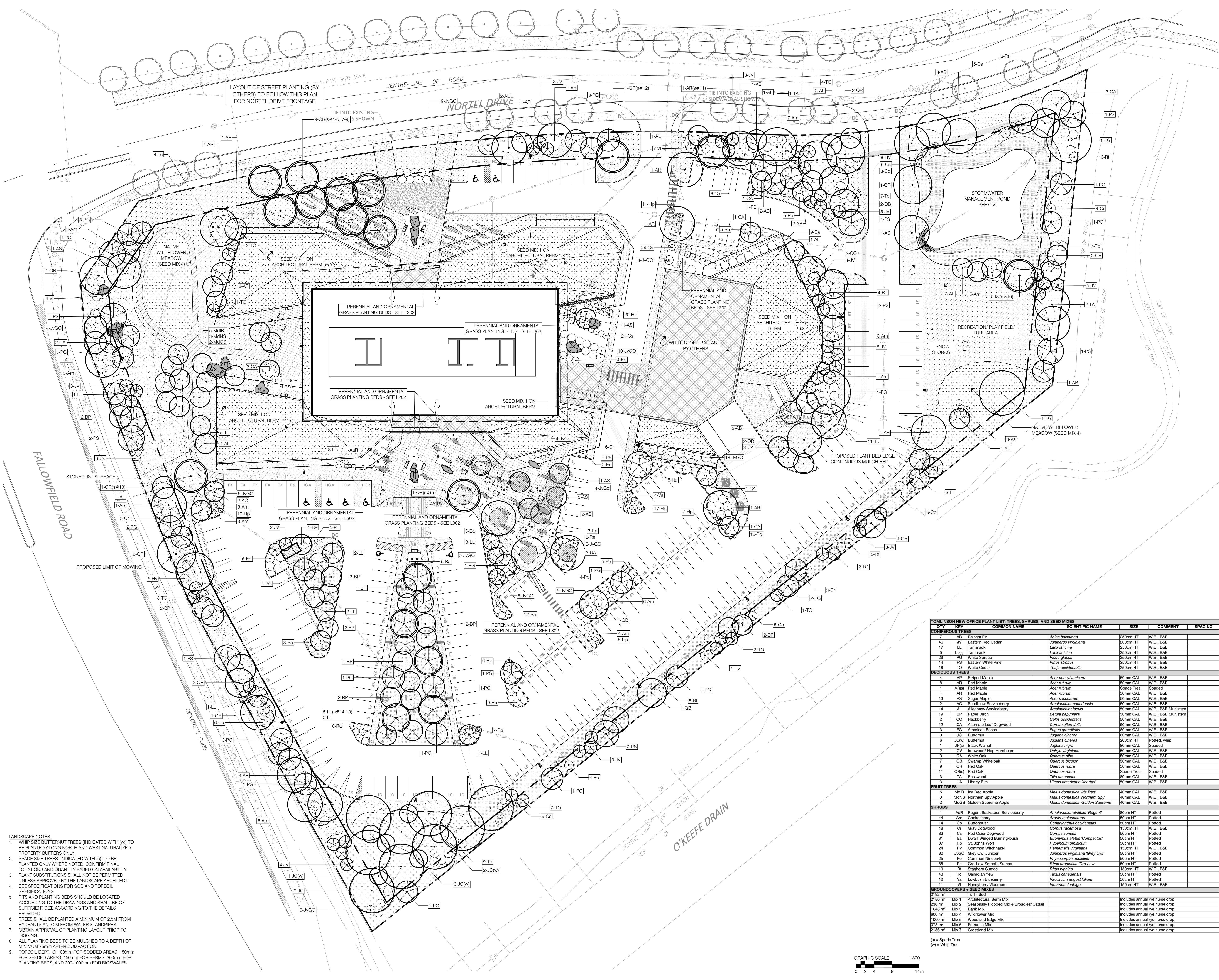
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PROJECT: TOMLINSON NEW BUILDING
4501 STRANDHERD DRIVE

DRAWING TITLE:
LANDSCAPE PLAN DETAILS 2

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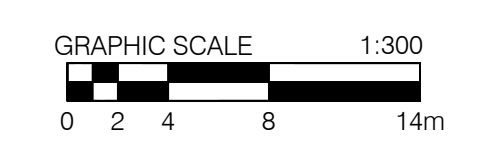
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 - NEW SHRUBS
 - PERENNIALS + ORNAMENTAL GRASSES
 - SEED MIXES + GROUNDCOVERS
 - TURF - SOD
 - MIX 1: ARCHITECTURAL BERM MIX
 - MIX 2: SEASONALLY FLOODED
 - MIX 3: BANK MIX
 - MIX 4: WILDFLOWER MIX
 - MIX 5: WOODLAND EDGE MIX
 - MIX 6: ENTRANCE MIX
 - MIX 7: GRASSLAND MIX

TOMLINSON NEW OFFICE PLANT LIST: TREES, SHRUBS, AND SEED MIXES

QTY	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	COMMENT	SPACING
CONIFEROUS TREES						
7	AB	Balsam Fir	<i>Abies balsamea</i>	250cm HT	W.B., B&B	
46	JV	Eastern Red Cedar	<i>Juniperus virginiana</i>	200cm HT	W.B., B&B	
17	LL	Tamarack	<i>Larix laricina</i>	250cm HT	W.B., B&B	
5	LL(a)	Tamarack	<i>Larix laricina</i>	250cm HT	W.B., B&B	
29	PG	White Spruce	<i>Picea glauca</i>	250cm HT	W.B., B&B	
14	PS	Eastern White Pine	<i>Pinus strobus</i>	250cm HT	W.B., B&B	
18	TO	White Cedar	<i>Thuja occidentalis</i>	250cm HT	W.B., B&B	
DECIDUOUS TREES						
4	AR	Striped Maple	<i>Acer pennsylvanicum</i>	50mm CAL	W.B., B&B	
8	AR	Red Maple	<i>Acer rubrum</i>	50mm CAL	W.B., B&B	
1	AR(a)	Red Maple	<i>Acer rubrum</i>	Spadee Tree	Spaded	
4	AR	Red Maple	<i>Acer rubrum</i>	50mm CAL	W.B., B&B	
13	AS	Sugar Maple	<i>Acer saccharum</i>	50mm CAL	W.B., B&B	
2	AC	Shadblow Serviceberry	<i>Amelanchier canadensis</i>	50mm CAL	W.B., B&B	
14	AL	Allegheny Serviceberry	<i>Amelanchier laevis</i>	50mm CAL	W.B., B&B	Multistem
19	BP	Paper Birch	<i>Betula papyrifera</i>	50mm CAL	W.B., B&B	Multistem
2	CO	Hackberry	<i>Celtis occidentalis</i>	50mm CAL	W.B., B&B	
12	CA	Alternate Leaf Dogwood	<i>Cornus alternifolia</i>	50mm CAL	W.B., B&B	
3	FG	American Beech	<i>Fagus grandifolia</i>	80mm CAL	W.B., B&B	
9	JC	Butternut	<i>Juglans cinerea</i>	50mm CAL	W.B., B&B	
6	JCW	Butternut	<i>Juglans cinerea</i>	200cm HT	Potted, whip	
1	JN(a)	Black Walnut	<i>Juglans nigra</i>	80mm CAL	Spaded	
2	OV	Ironwood/Hop Hornbeam	<i>Ostrya virginiana</i>	50mm CAL	W.B., B&B	
3	QA	White Oak	<i>Quercus alba</i>	50mm CAL	W.B., B&B	
7	QB	Swamp White oak	<i>Quercus bicolor</i>	50mm CAL	W.B., B&B	
9	QR	Red Oak	<i>Quercus rubra</i>	50mm CAL	W.B., B&B	
11	QR(a)	Red Oak	<i>Quercus rubra</i>	Spadee Tree	Spaded	
3	TA	Basswood	<i>Tilia americana</i>	80mm CAL	W.B., B&B	
3	UA	Liberty Elm	<i>Ulmus americana 'libertis'</i>	50mm CAL	W.B., B&B	
FRUIT TREES						
5	MGR	Ida Red Apple	<i>Malus domestica 'Ida Red'</i>	40mm CAL	W.B., B&B	
3	MNS	Northern Spy Apple	<i>Malus domestica 'Northern Spy'</i>	40mm CAL	W.B., B&B	
2	MSS	Sweet Supreme Apple	<i>Malus domestica 'Sweet Supreme'</i>	40mm CAL	W.B., B&B	
SHRUBS						
1	AR	Regent Saskatoon Serviceberry	<i>Amelanchier alnifolia 'Regent'</i>	80cm HT	Potted	
44	Am	Chokeberry	<i>Aronia melanocarpa</i>	50cm HT	Potted	
14	Go	Buttonbush	<i>Caprillaanthus occidentalis</i>	50cm HT	Potted	
18	Cr	Gray Dogwood	<i>Cornus racemosa</i>	150cm HT	W.B., B&B	
83	Ca	Red Cedar Dogwood	<i>Cornus sericea</i>	50cm HT	Potted	
91	Ea	Dwarf Winged Burning-bush	<i>Euroyonimus alatus 'Compactus'</i>	50cm HT	Potted	
67	Hj	St. Johns Wort	<i>Hypericum proflificum</i>	50cm HT	Potted	
24	Hv	Common Witchazel	<i>Hieracella virginiana</i>	150cm HT	W.B., B&B	
80	JVG	Grey Owl Juniper	<i>Juniperus virginiana 'Grey Owl'</i>	50cm HT	Potted	
28	Ph	Common Nutsedge	<i>Physocarpus opulifolius</i>	50cm HT	Potted	
85	Ra	Grey Low Smooth Sumac	<i>Rhus aromatica 'Gro-Low'</i>	50cm HT	Potted	
19	Ri	Shagbark Sumac	<i>Rhus typhina</i>	150cm HT	W.B., B&B	
43	Tc	Canadian Yew	<i>Taxus canadensis</i>	50cm HT	Potted	
12	Va	Lowbush Blueberry	<i>Vaccinium angustifolium</i>	50cm HT	Potted	
11	Vv	Nannyberry Viburnum	<i>Viburnum lentago</i>	150cm HT	W.B., B&B	
GROUNDCOVERS / SEED MIXES						
2192 m ²		Turf - Sod				
2180 m ²	Mix 1	Architectural Berm Mix			Includes annual ryegrass crop	
235 m ²	Mix 2	Seasonally Flooded Mix + Broadleaf Cattail			Includes annual ryegrass crop	
1648 m ²	Mix 3	Bank Mix			Includes annual ryegrass crop	
800 m ²	Mix 4	Wildflower Mix			Includes annual ryegrass crop	
1000 m ²	Mix 5	Woodland Edge Mix			Includes annual ryegrass crop	
378 m ²	Mix 6	Entrance Mix			Includes annual ryegrass crop	
2156 m ²	Mix 7	Grassland Mix			Includes annual ryegrass crop	

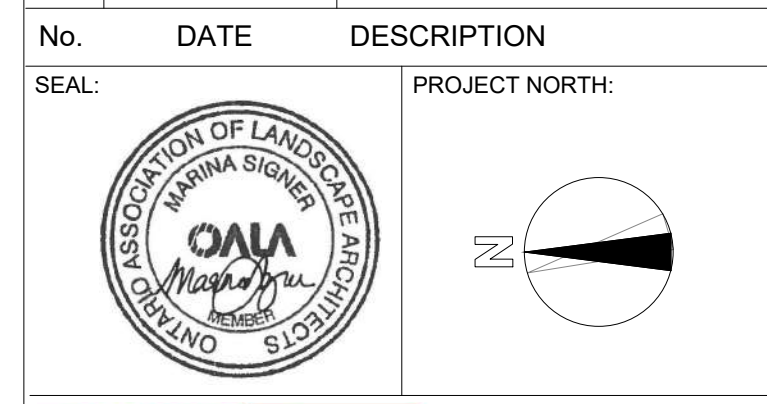
(s) = Spadee Tree
(w) = Whip Tree



- LANDSCAPE NOTES**
- WHIP SIZE BUTTERNUT TREES (INDICATED WITH (w)) TO BE PLANTED ALONG NORTH AND WEST NATURALIZED PROPERTY BUFFERS ONLY.
 - SPADEE TREES (INDICATED WITH (s)) TO BE PLANTED ONLY WHERE NOTED. CONFIRM FINAL LOCATIONS AND QUANTITY BASED ON AVAILABILITY. PLANT SUBSTITUTIONS SHALL NOT BE PERMITTED UNLESS APPROVED BY THE LANDSCAPE ARCHITECT. SEE SPECIFICATIONS FOR SOIL AND TOPSOIL SPECIFICATIONS.
 - PITS AND PLANTING BEDS SHOULD BE LOCATED ACCORDING TO THE DRAWINGS AND SHALL BE OF SUFFICIENT SIZE ACCORDING TO THE DETAILS PROVIDED.
 - TREES SHALL BE PLANTED A MINIMUM OF 2.5M FROM HYDRANTS AND 3M FROM WATER STANDPIPES. OBTAIN APPROVAL OF PLANTING LAYOUT PRIOR TO DIGGING.
 - ALL PLANTING BEDS TO BE MULCHED TO A DEPTH OF MINIMUM 75mm AFTER COMPACTATION.
 - TOPSOIL DEPTHS: 100mm FOR SOODED AREAS, 150mm FOR SEEDED AREAS, 150mm FOR BERMS, 300mm FOR PLANTING BEDS, AND 300-1000mm FOR BIOSWALES.

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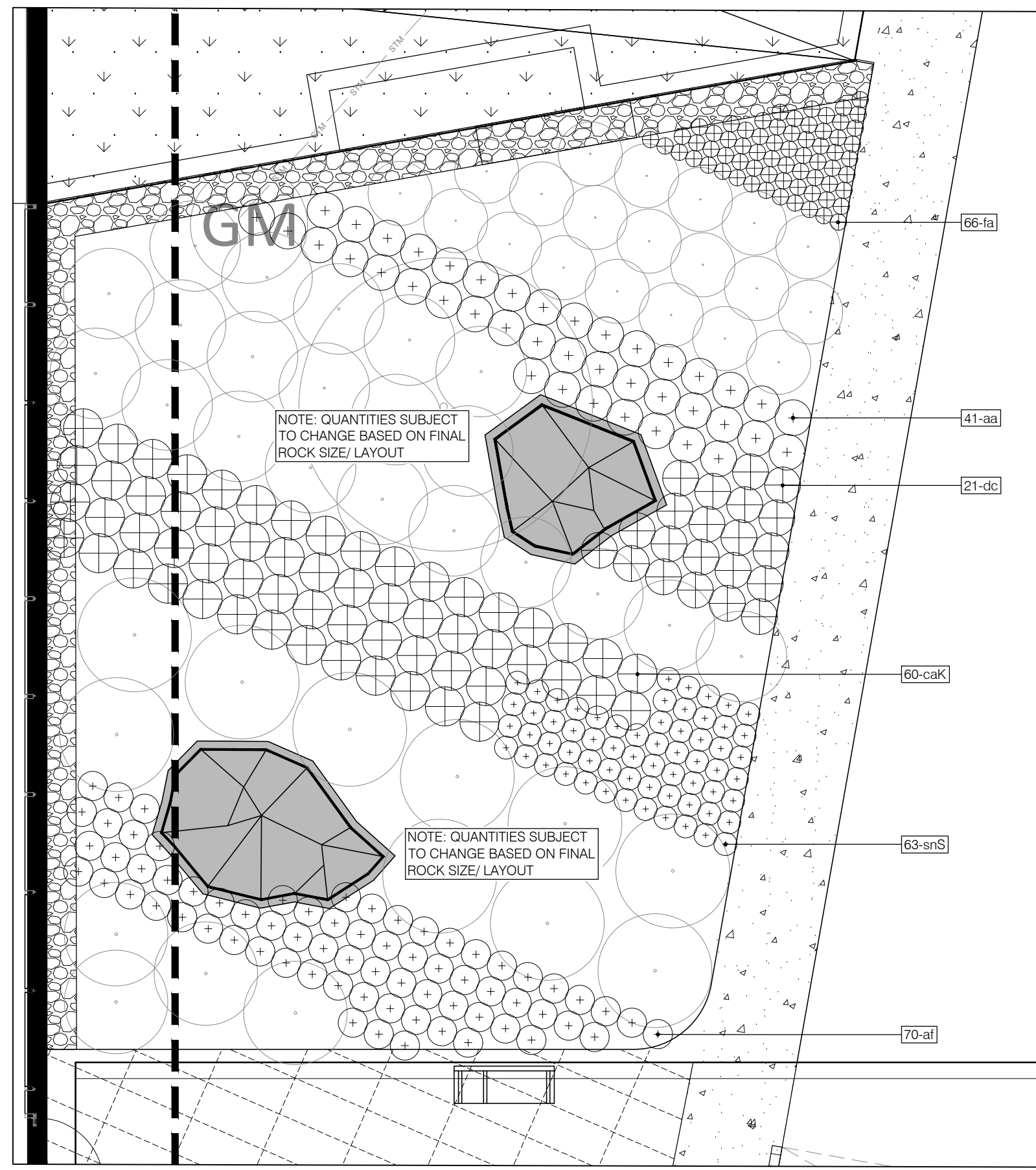
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PROJECT: TOMLINSON
 NEW BUILDING
 4501 STRANDHERD DRIVE

DRAWING TITLE:
 PLANTING PLAN
 TREES, SHRUBS, SEED MIXES

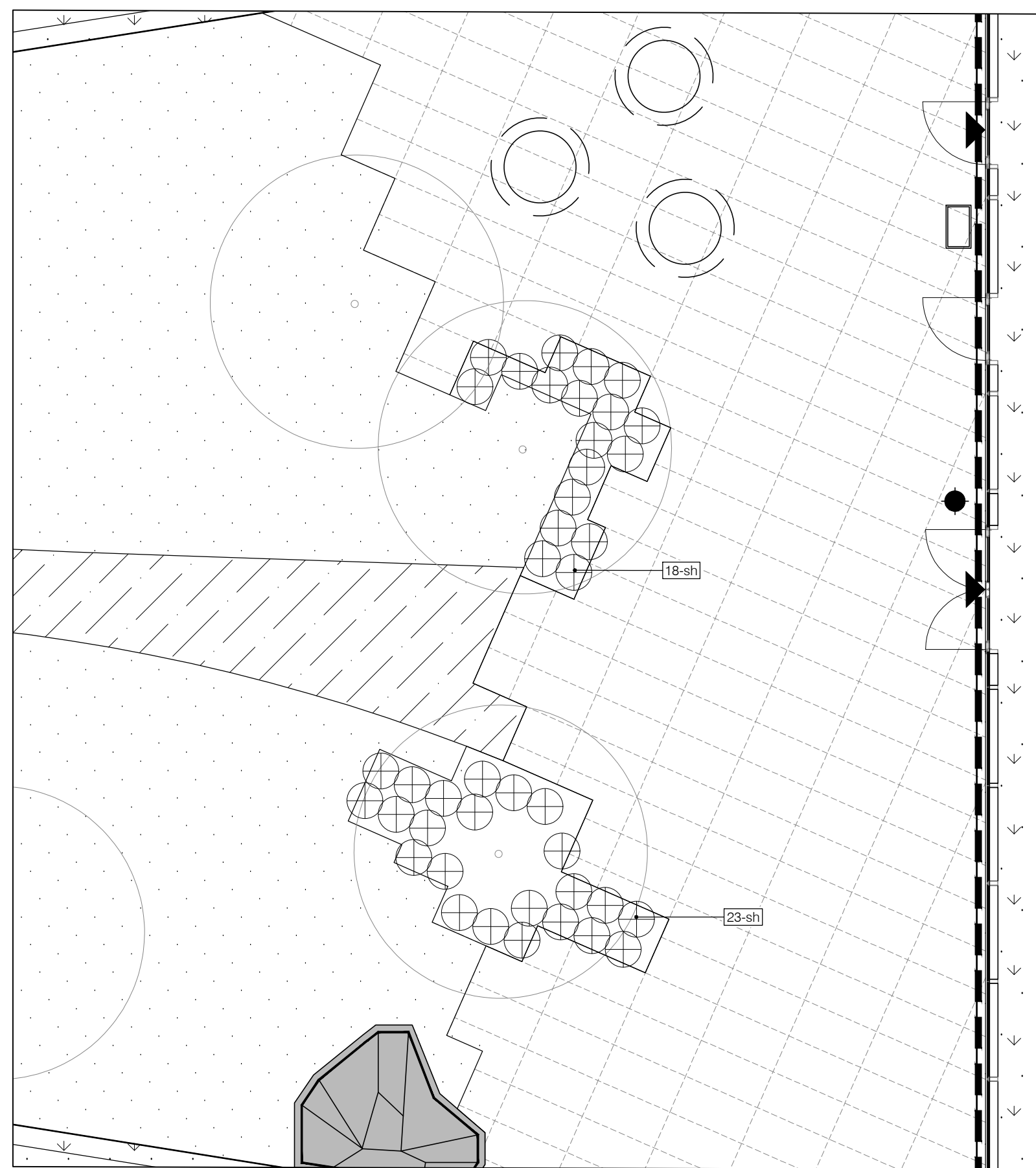
DATE: 10/8/2015 DRAWING No:
 SCALE: AS INDICATED
 DRAWN BY: MS
 JOB No: LA 15610-1

L301



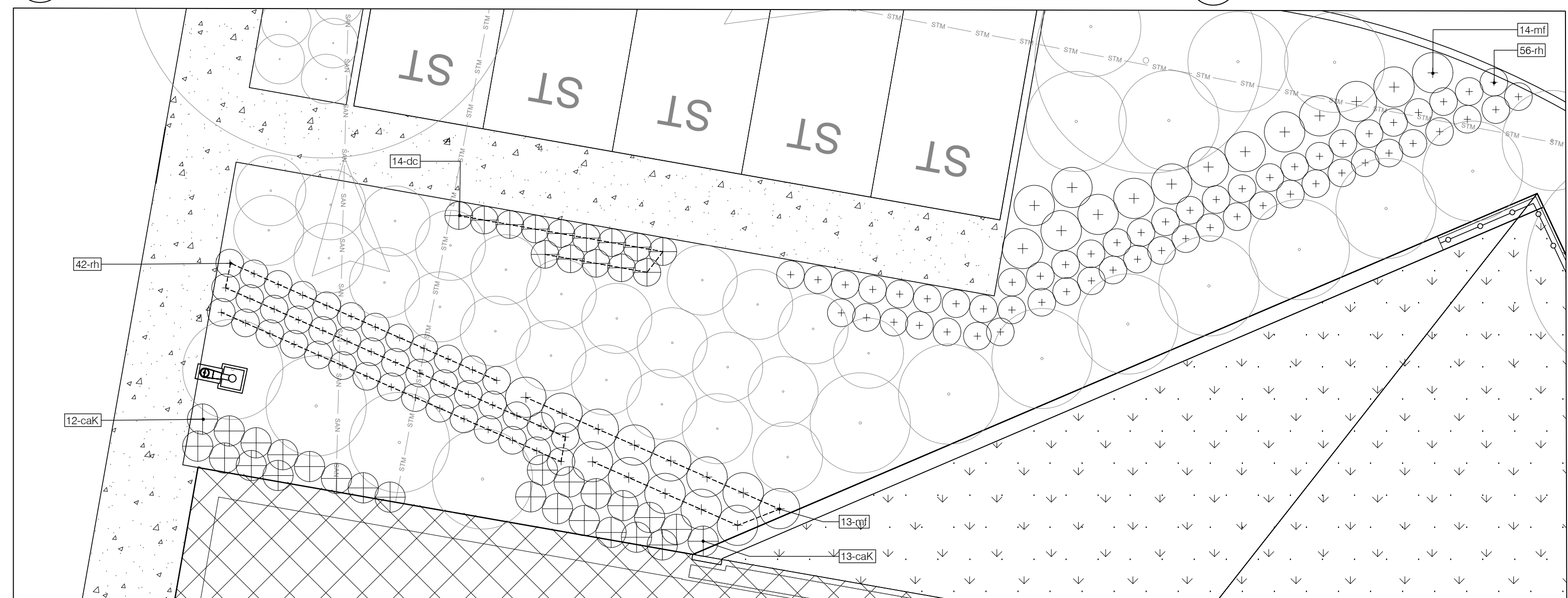
1 SOUTH COURTYARD

1:75



2 NORTH PLAZA

1:75



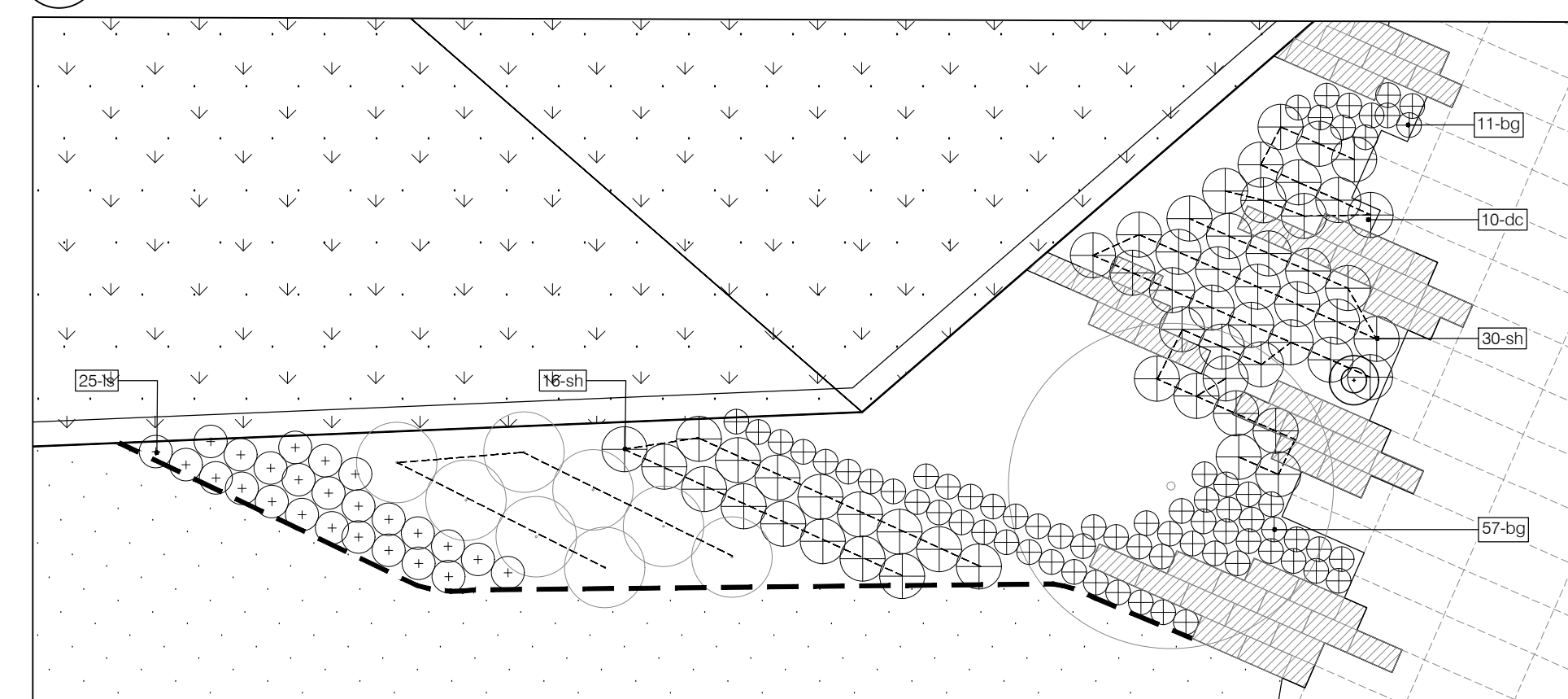
3 TEST FACILITY FRONT

1:75



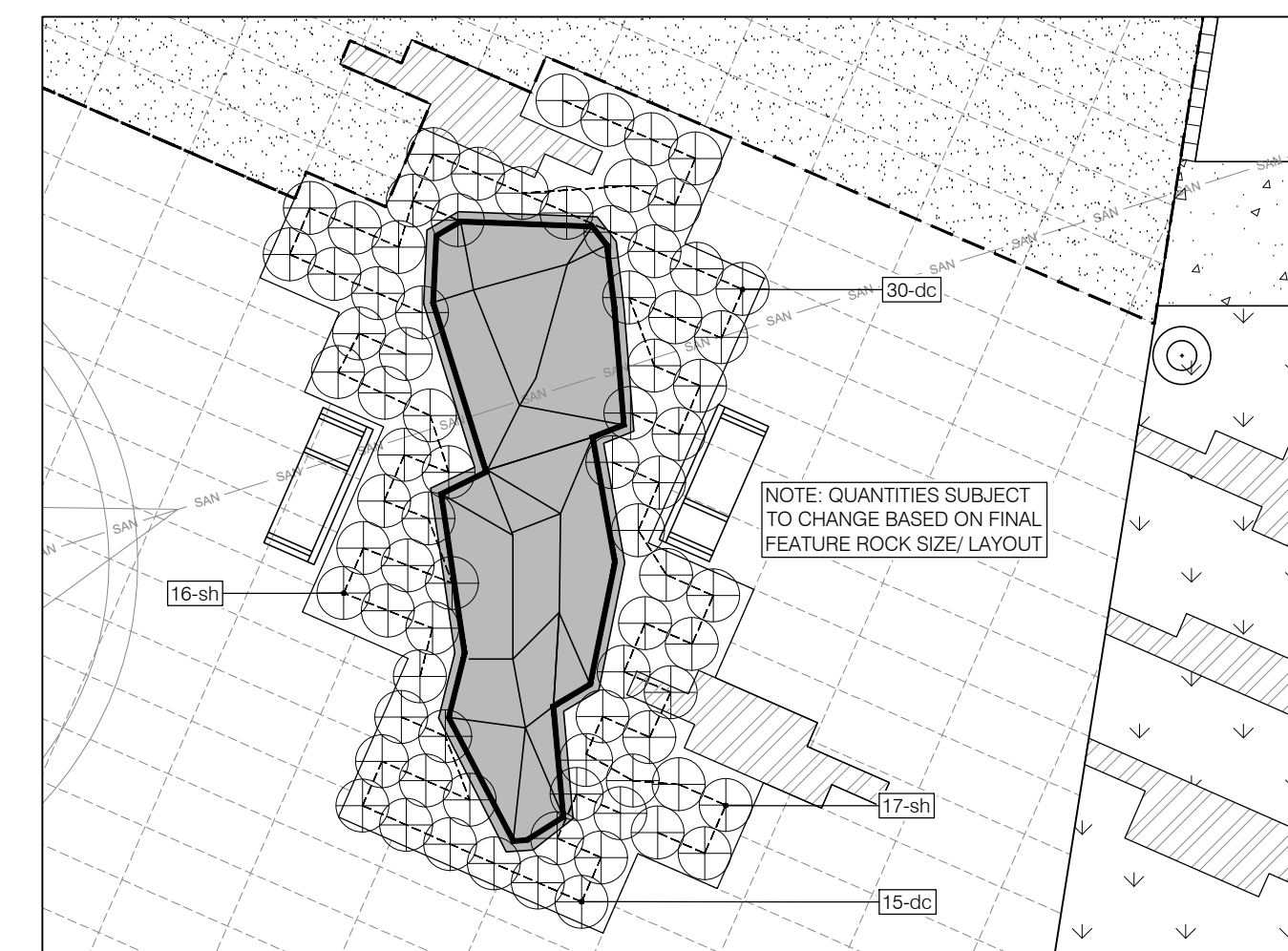
4 CAFETERIA PLAZA

1:75



5 EMPLOYEE ENTRANCE @ BERM WALL

1:75



7 FRONT ENTRANCE FEATURE ROCK

1:75

- LANDSCAPE NOTES:
- PLANT SUBSTITUTIONS SHALL NOT BE PERMITTED UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
 - SEE SPECIFICATIONS FOR SOIL AND TOPSOIL SPECIFICATIONS.
 - PITS AND PLANTING BEDS SHOULD BE LOCATED ACCORDING TO THE DRAWINGS AND SHALL BE OF SUFFICIENT SIZE ACCORDING TO THE DETAILS PROVIDED.
 - TREES SHALL BE PLANTED A MINIMUM OF 2.0M FROM HYDRANTS AND 2M FROM WATER STANDPIPES.
 - OBTAIN APPROVAL OF PLANTING LAYOUT PRIOR TO DIGGING.
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- LEGEND:
- PROPERTY LINE
 - SETBACK
 - LOT LINE
 - CONCRETE BARRIER CURB
 - DEPRESSED CURB
 - STORM SEWER
 - SANITARY SEWER
 - WATER/SEWER
 - BERM FOUNDATION LIMIT
 - NEW LANDSCAPE CATCH BASIN
 - NEW DITCH INLET CATCHBASIN (DCB)
 - NEW CATCH-BASIN MANHOLE
 - NEW SIAMESE CONNECTION
 - EXISTING FIRE HYDRANT
 - NEW FIRE HYDRANT
 - NEW EXTERIOR LIGHT STANDARDS
 - PEDESTRIAN LIGHTING, SEE ELECTRICAL
 - BOLLARD LIGHTING, SEE ELECTRICAL
 - TYPE 1 CONCRETE SURFACE - LIGHT DUTY
 - TYPE 2 CONCRETE SURFACE - LIGHT DUTY - BY TOMLINSON
 - TYPE 2 CONCRETE SURFACE - HEAVY DUTY - BY TOMLINSON
 - STONE/DECK PATH
 - RIVERSTONE MAINTENANCE EDGE
 - LINE PAINTING - BY TOMLINSON
 - WHITE STONE BALLAST
 - TYPE 1 NATURAL STONE INLAY
 - TYPE 2 NATURAL STONE INLAY
 - GUARD FENCE AT BERM WALL
 - LANDSCAPE BOULDER
 - HORIZONTAL BIKE PARKING (1.8x0.6m)
 - BENCH
 - WASTE RECEPTACLE
 - PROPOSED STREET TREES (BY CITY)
 - NEW TREES
 - NEW SHRUBS
 - PERENNIALS + ORNAMENTAL GRASSES
 - SEED MIXES + GROUNDCOVERS
 - TURF - SOD
 - MIX 1: ARCHITECTURAL BERM MIX
 - MIX 2: SEASONALLY FLOODED
 - MIX 3: BANK MIX
 - MIX 4: WILDFLOWER MIX
 - MIX 5: WOODLAND EDGE MIX
 - MIX 6: ENTRANCE MIX
 - MIX 7: GRASSLAND MIX

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PROJECT: TOMLINSON NEW BUILDING
4501 STRANDHERD DRIVE

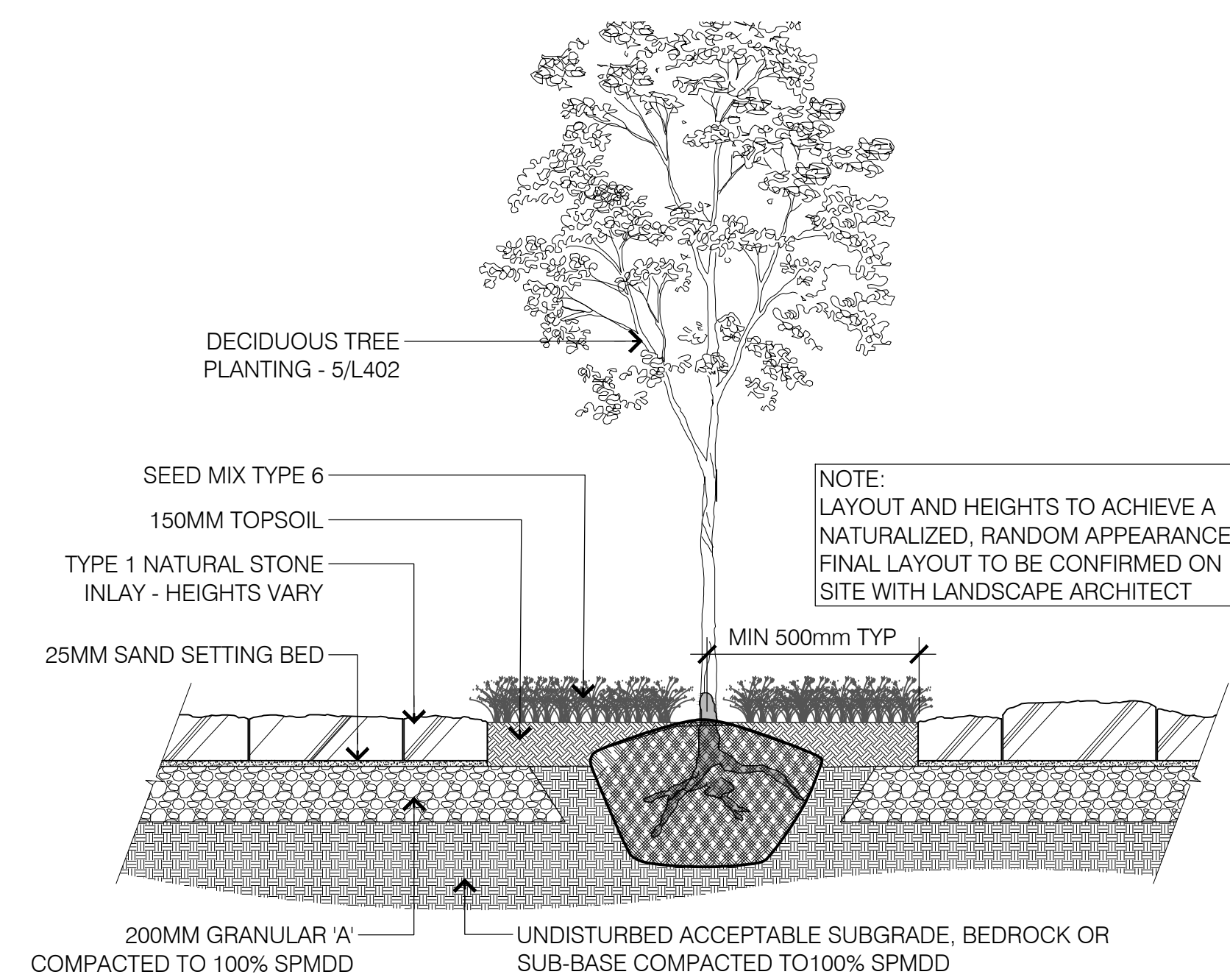
DRAWING TITLE: PLANTING PLAN PERENNIALS AND GRASSES

DATE: 10/8/2015 DRAWING No:
SCALE: AS INDICATED
DRAWN BY: MS
JOB No: LA 15610-1

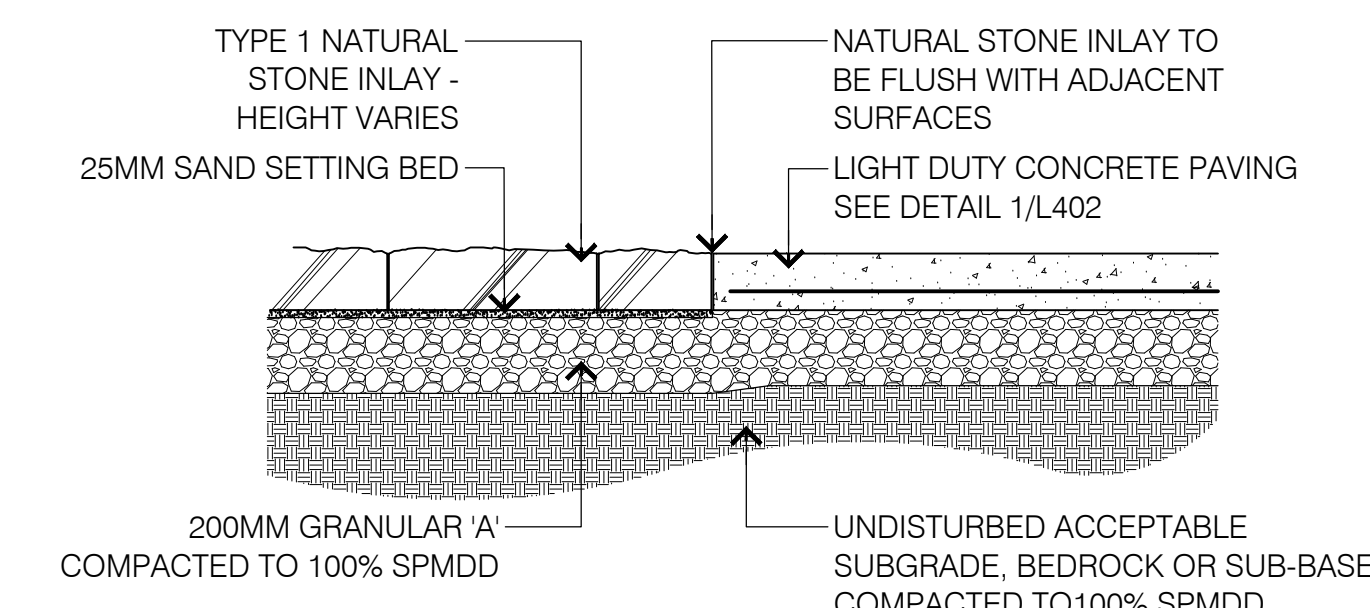
TOMLINSON NEW OFFICE PLANT LIST: L202

QTY	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	COMMENT	SPACING
PERENNIALS						
61	aa	Fanal Feather Flower	<i>Astilbe ardensis 'Fanal'</i>	1 Gallon	Potted	550
29	at	Butterfly Weed	<i>Asclepias tuberosa</i>	1 Gallon	Potted	450
70	af	Lady Fern	<i>Athyrium filix-femina</i>	1 Gallon	Potted	700
27	cl	Lance-leaved Tickseed	<i>Coreopsis lanceolata</i>	1 Gallon	Potted	450
15	ep	Magnus Purple Coneflower	<i>Echinacea purpurea 'Magnus'</i>	1 Gallon	Potted	800
134	is	Floristan Purple Blazing Star	<i>Liatris spicata 'Floristan Purple'</i>	1 Gallon	Potted	400
50	mf	Wild Bergamot	<i>Monarda fistulosa</i>	1 Gallon	Potted	800
50	nf	Walker's Low Catmint	<i>Nepeta x faassenii 'Walker's Low'</i>	1 Gallon	Potted	800
115	rh	Black Eyed Susan	<i>Rudbeckia hirta</i>	1 Gallon	Potted	550
46	snM	Marcus Salvia	<i>Salvia nemorosa 'Marcus'</i>	1 Gallon	Potted	350
64	snS	Snow Hill Salvia	<i>Salvia nemorosa 'Snow Hill'</i>	1 Gallon	Potted	550
ORNAMENTAL GRASSES						
42	as	Prairie Blues Little Bluestem	<i>Andropogon scoparius 'Prairie Blues'</i>	1 Gallon	Potted	350
290	bg	Blue Grama Grass	<i>Bouteloua gracilis</i>	1 Gallon	Potted	250
152	caK	Foerster's Feather Reed Grass	<i>Calamagrostis acutiflora 'Karl Foerster'</i>	1 Gallon	Potted	600
51	ce	Bristle-Leaf Sedge	<i>Carex eburnea</i>	1 Gallon	Potted	200
195	dc	Gold Veil Tufted Hair Grass	<i>Deschampsia cespitosa 'Gold Veil'</i>	1 Gallon	Potted	550
66	fa	Tufted Fescue	<i>Festuca amethystina</i>	1 Gallon	Potted	250
233	sh	Prairie Dropseed	<i>Sporobolus heterolepis</i>	1 Gallon	Potted	550

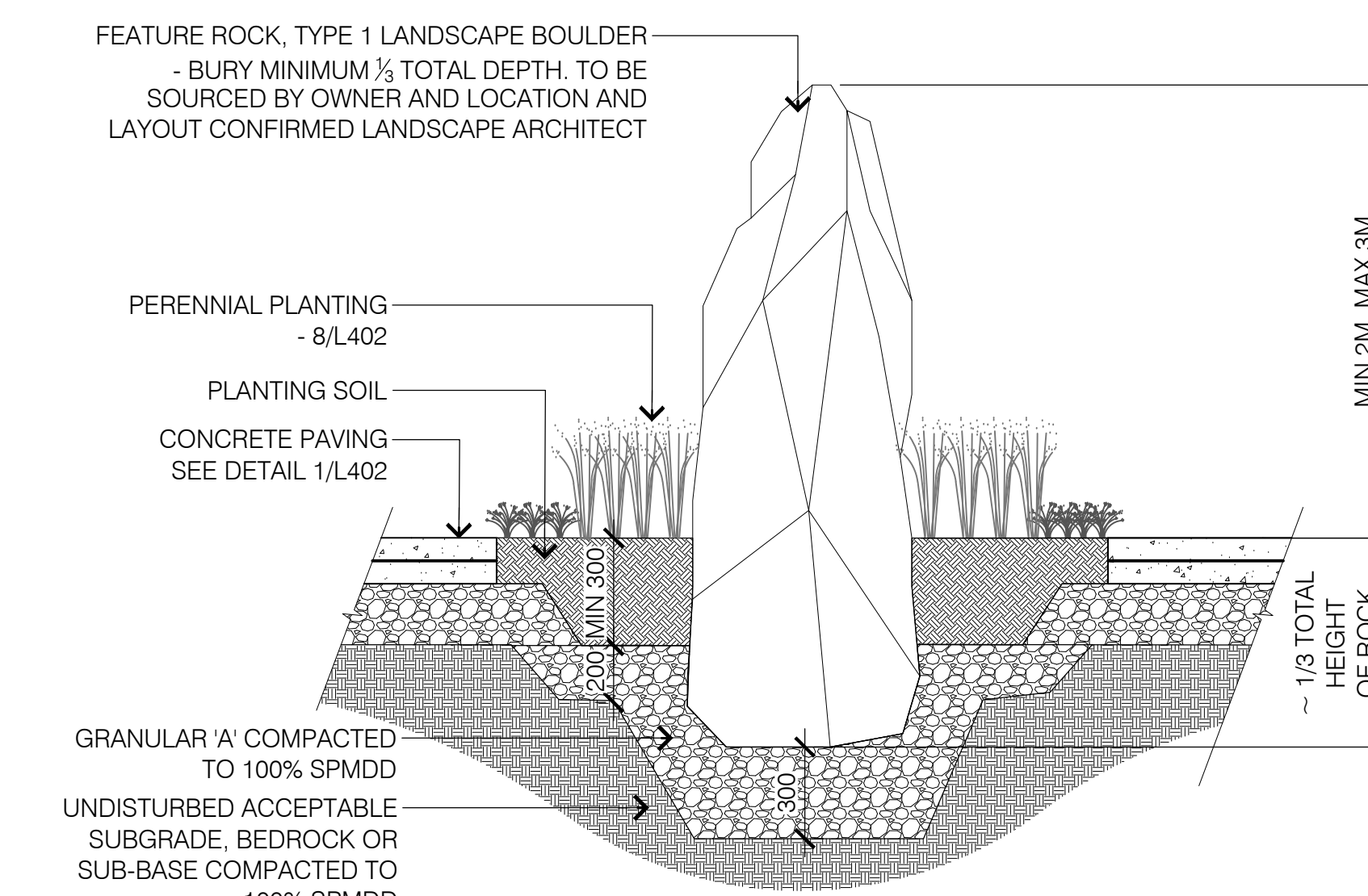
L302



1 TYPE 1 NATURAL STONE INLAY @ TREE GROVE



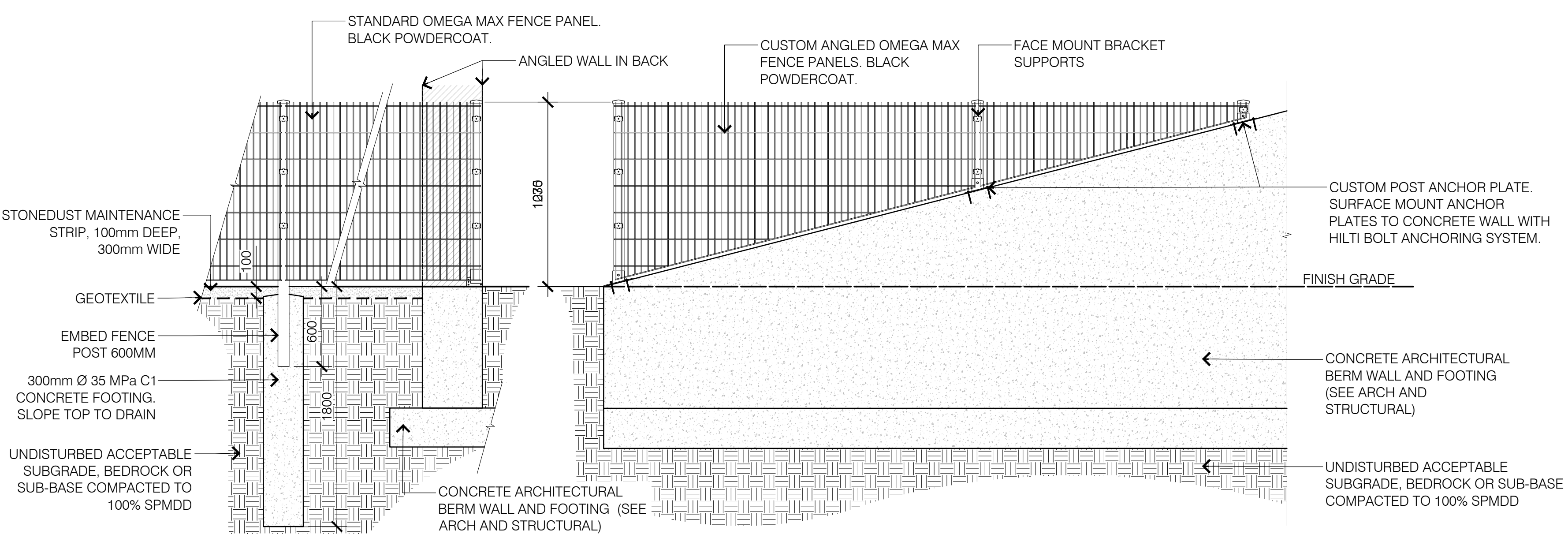
2 TYPE 1 NATURAL STONE INLAY @ ENTRANCE PLAZA



3 LANDSCAPE BOULDER @ ENTRANCE - SECTION



PLAN VIEW

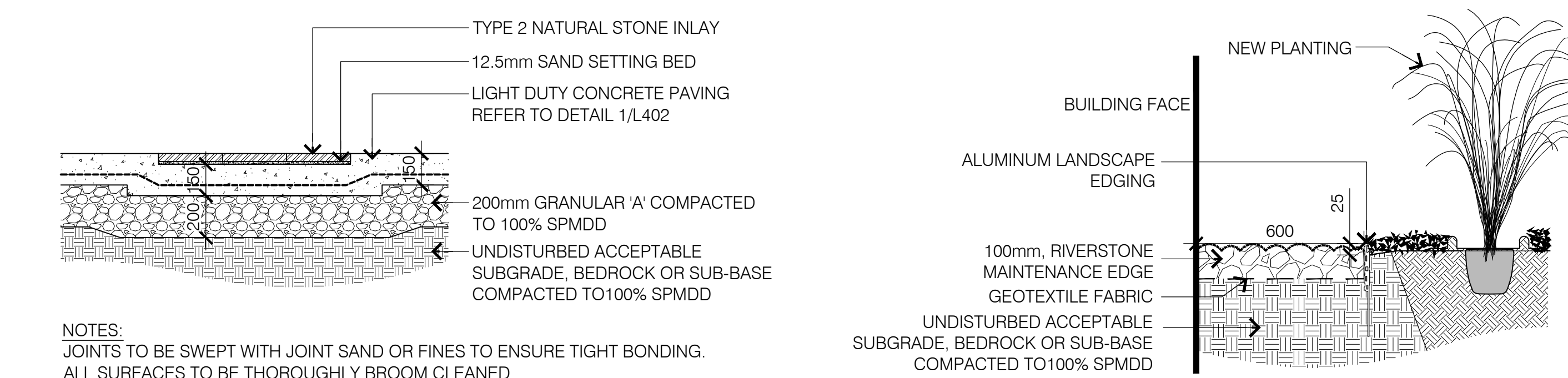


FRONT SECTION/ELEVATION

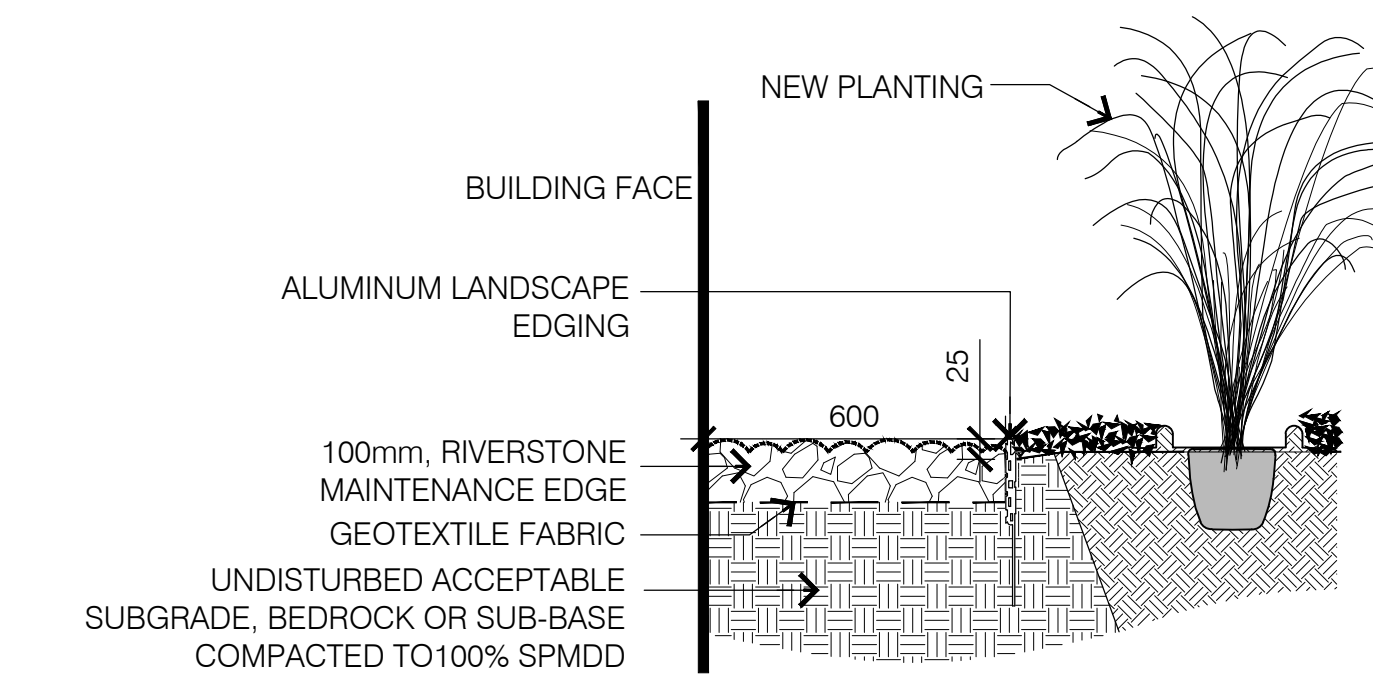
SIDE SECTION/ELEVATION

NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR FENCE PANELS AND CUSTOM BASE PLATES. CONTRACTOR TO CONFIRM ALL WALL ANGLES ON SITE.

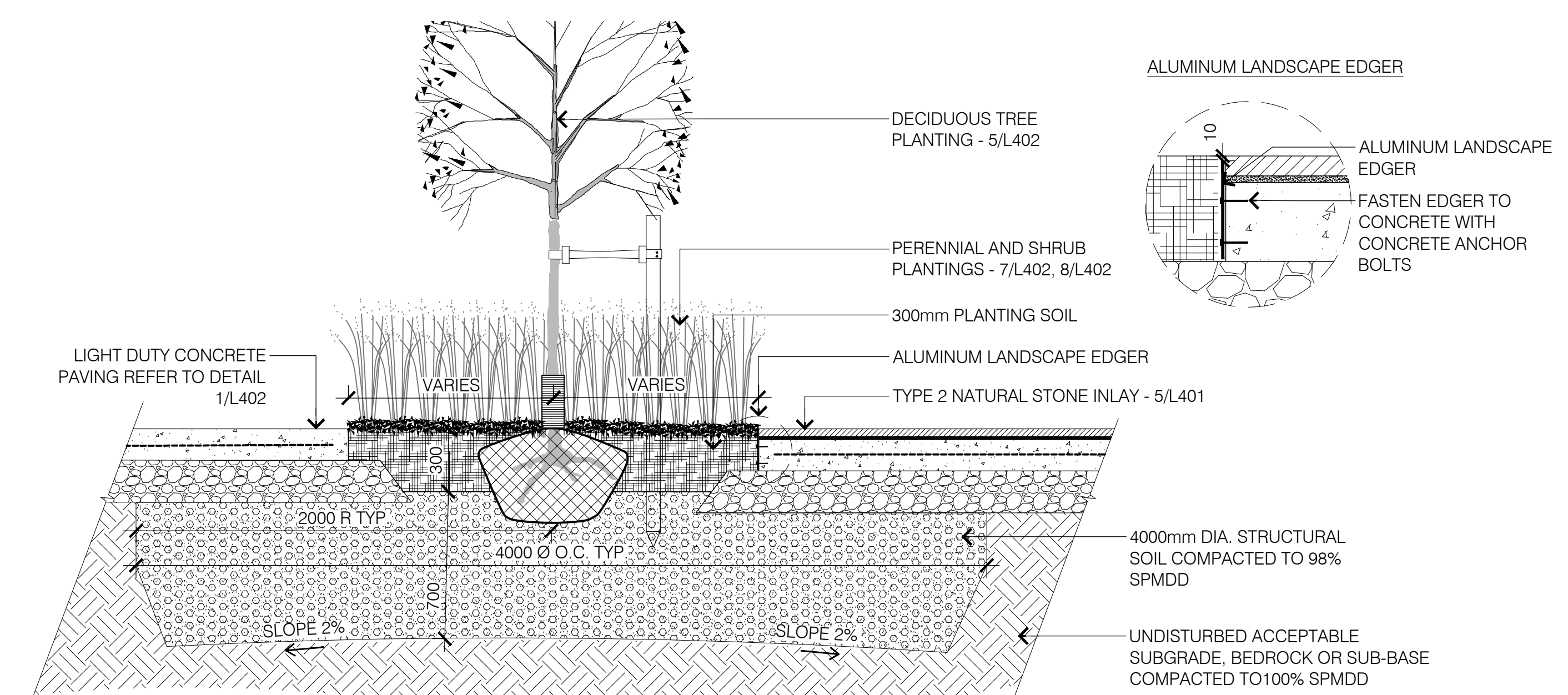
4 FENCING @ BERM WALL



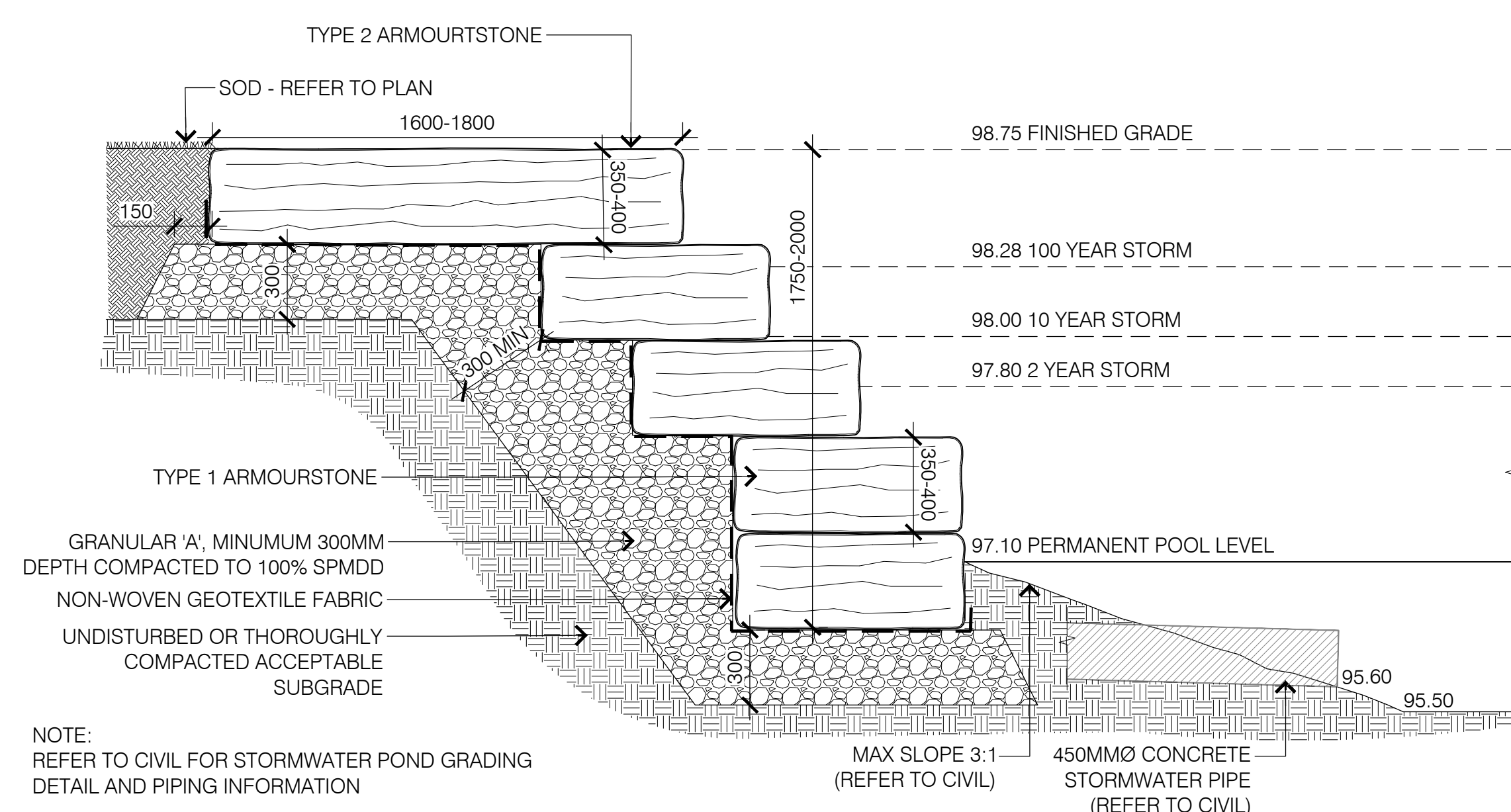
5 TYPE 2 NATURAL STONE INLAY @ CONCRETE PAVING



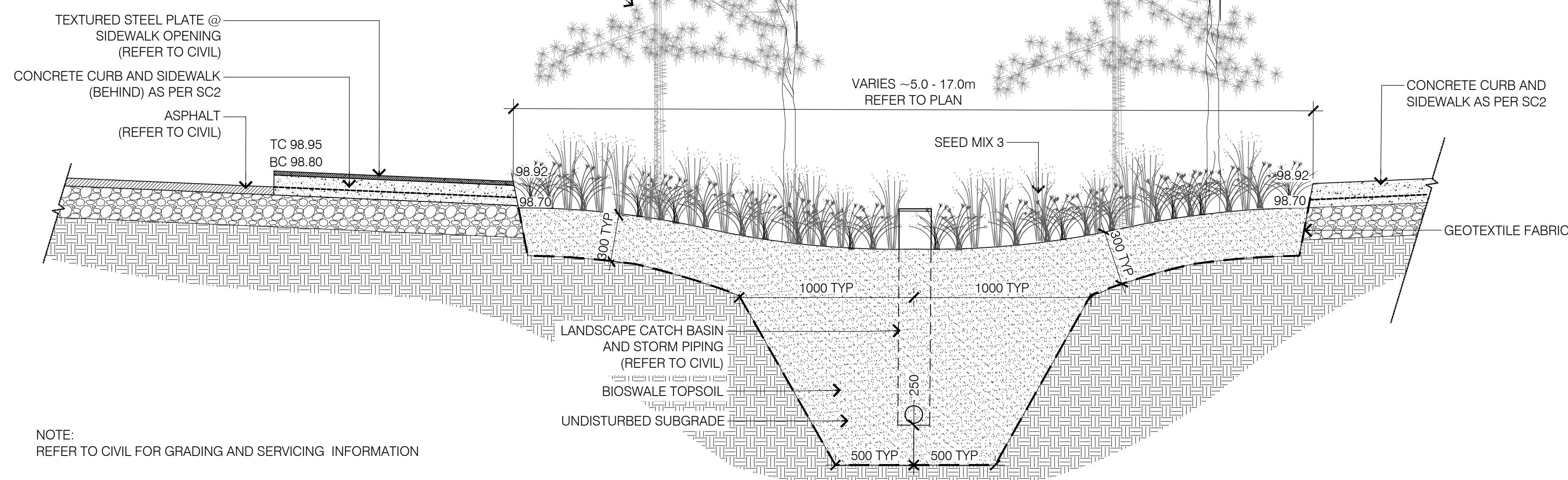
6 RIVERSTONE MAINTENANCE EDGE



7 STRUCTURAL SOIL PLANTING ISLAND



8 STORMWATER POND ARMOURSTONE WALL



9 BIOSWALE CROSS SECTION

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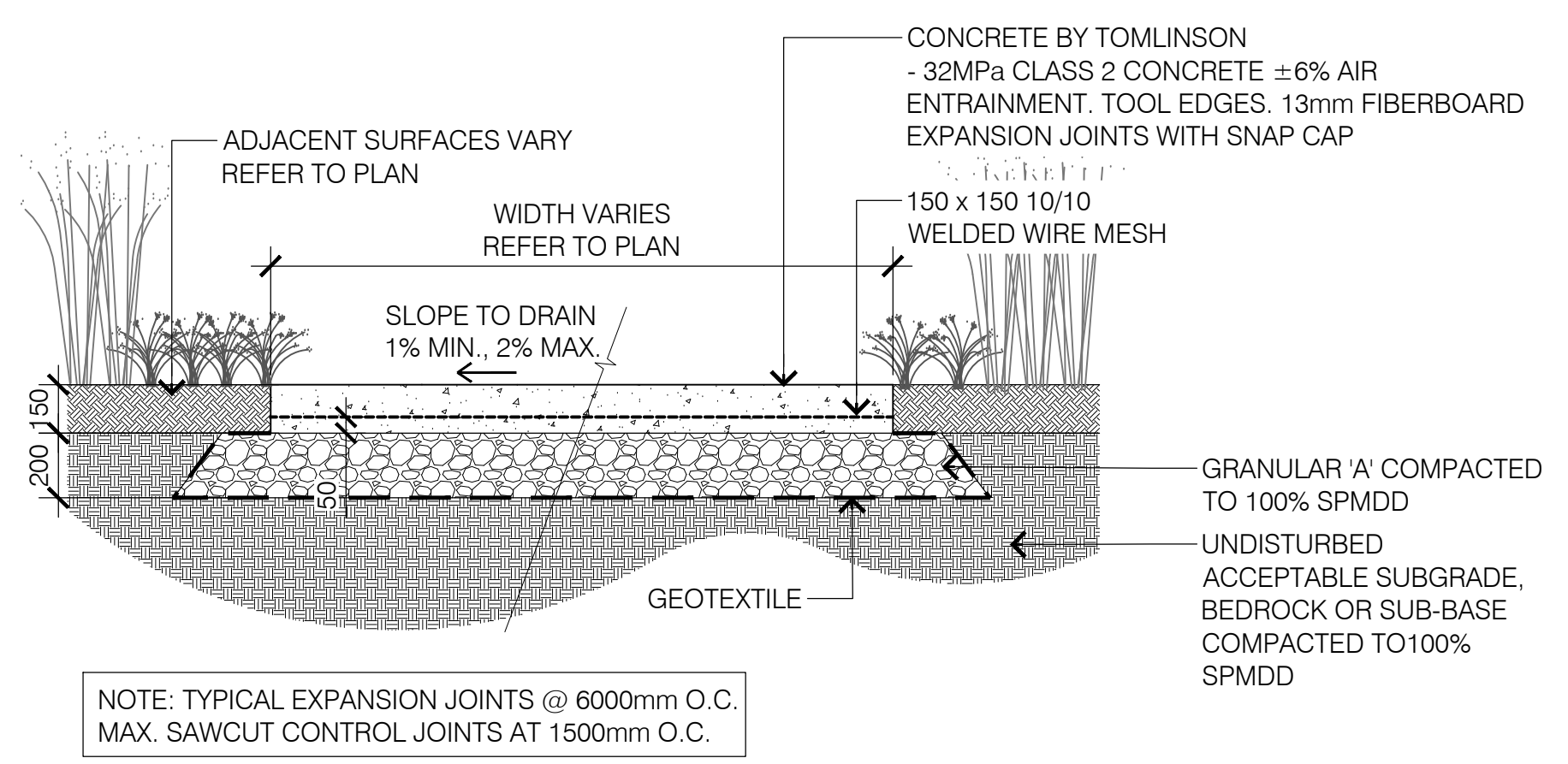


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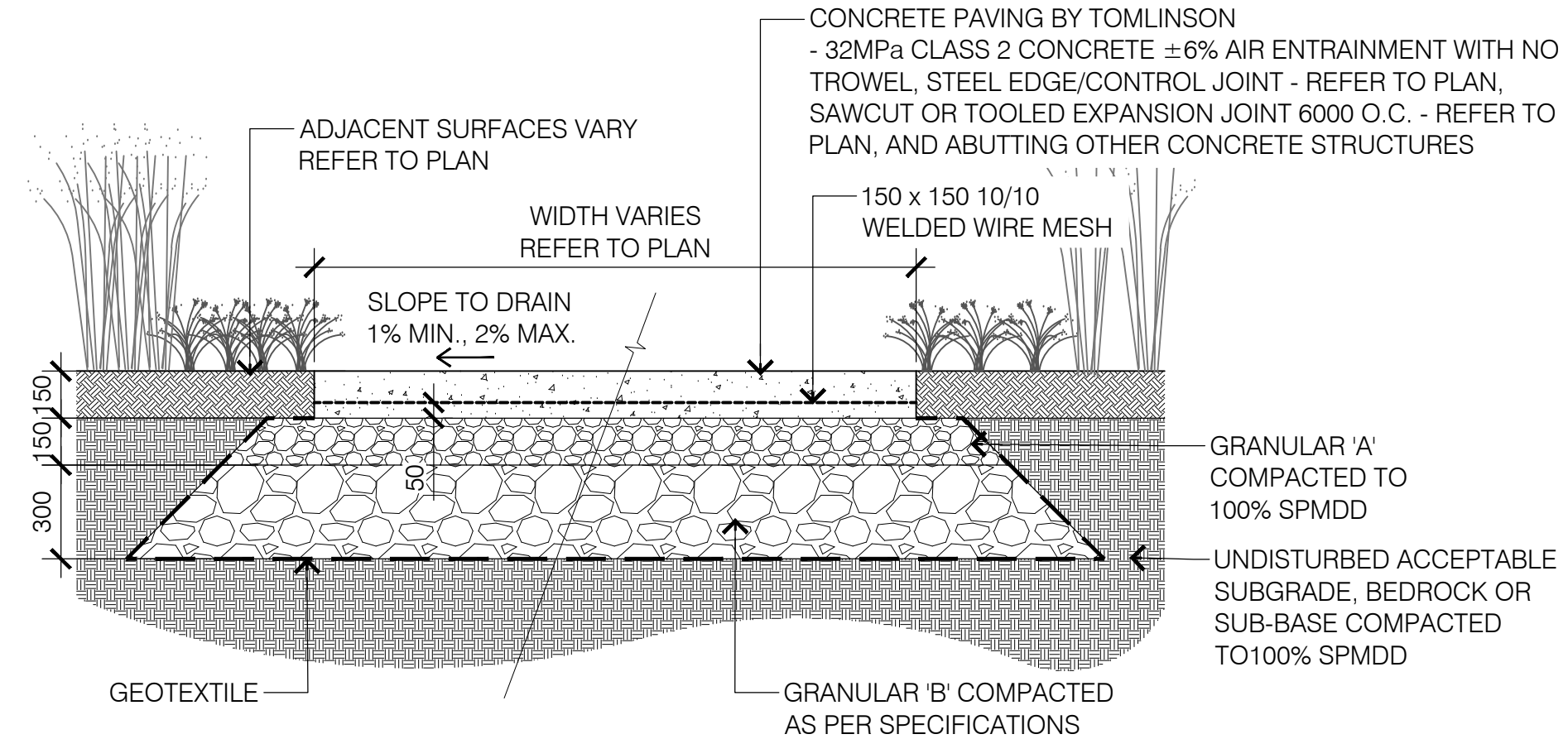
PROJECT: TOMLINSON
 NEW BUILDING
 4501 STRANDHERD DRIVE

DRAWING TITLE: LANDSCAPE DETAILS

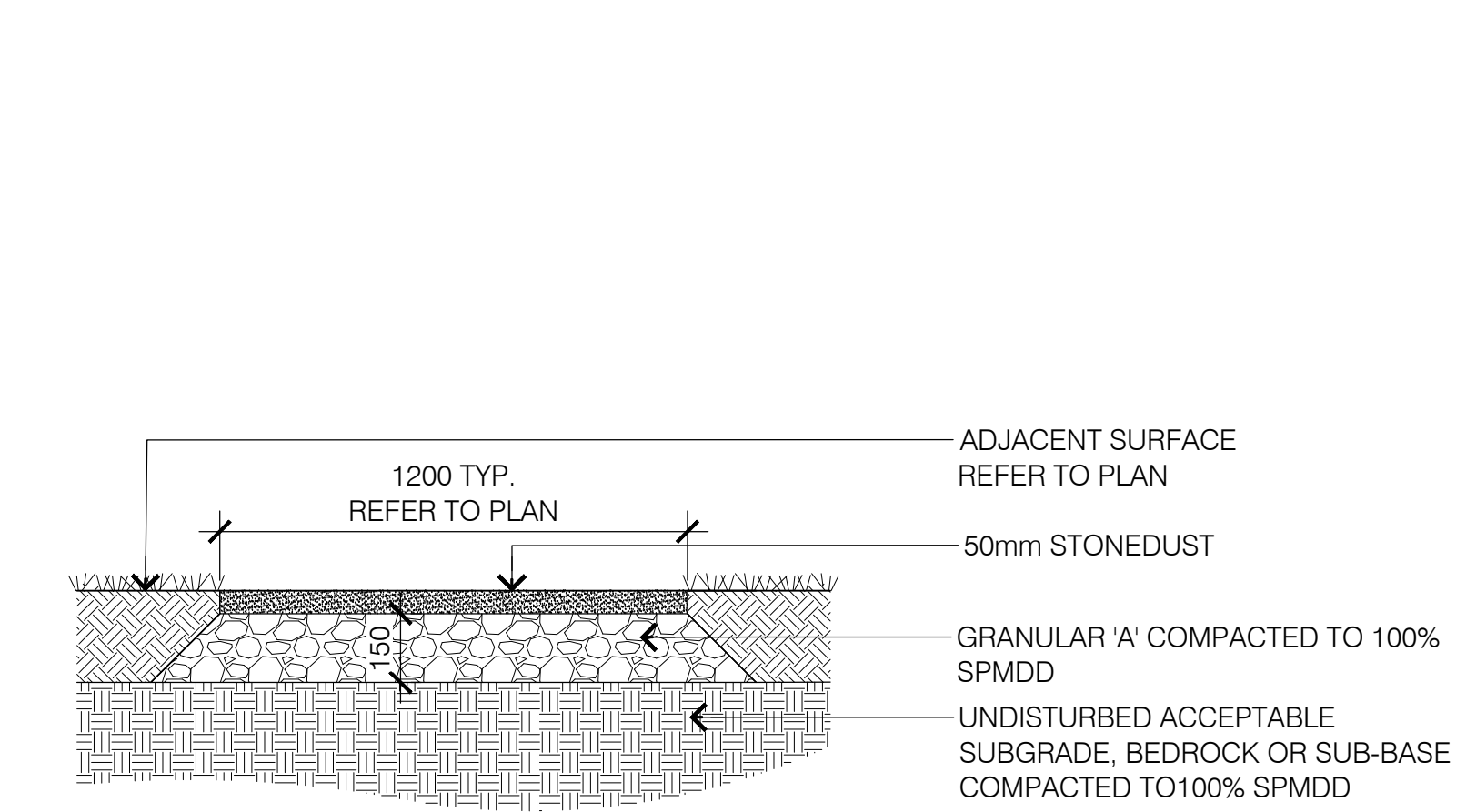
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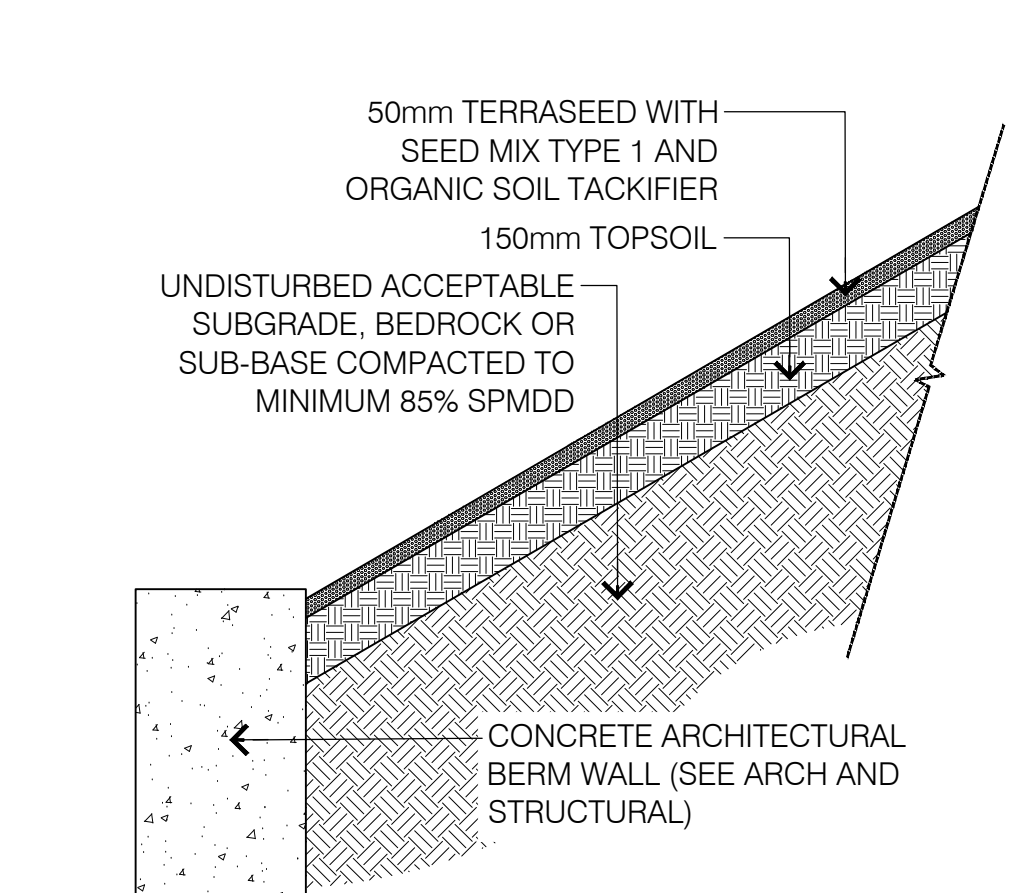
1 LIGHT DUTY CONCRETE PAVING



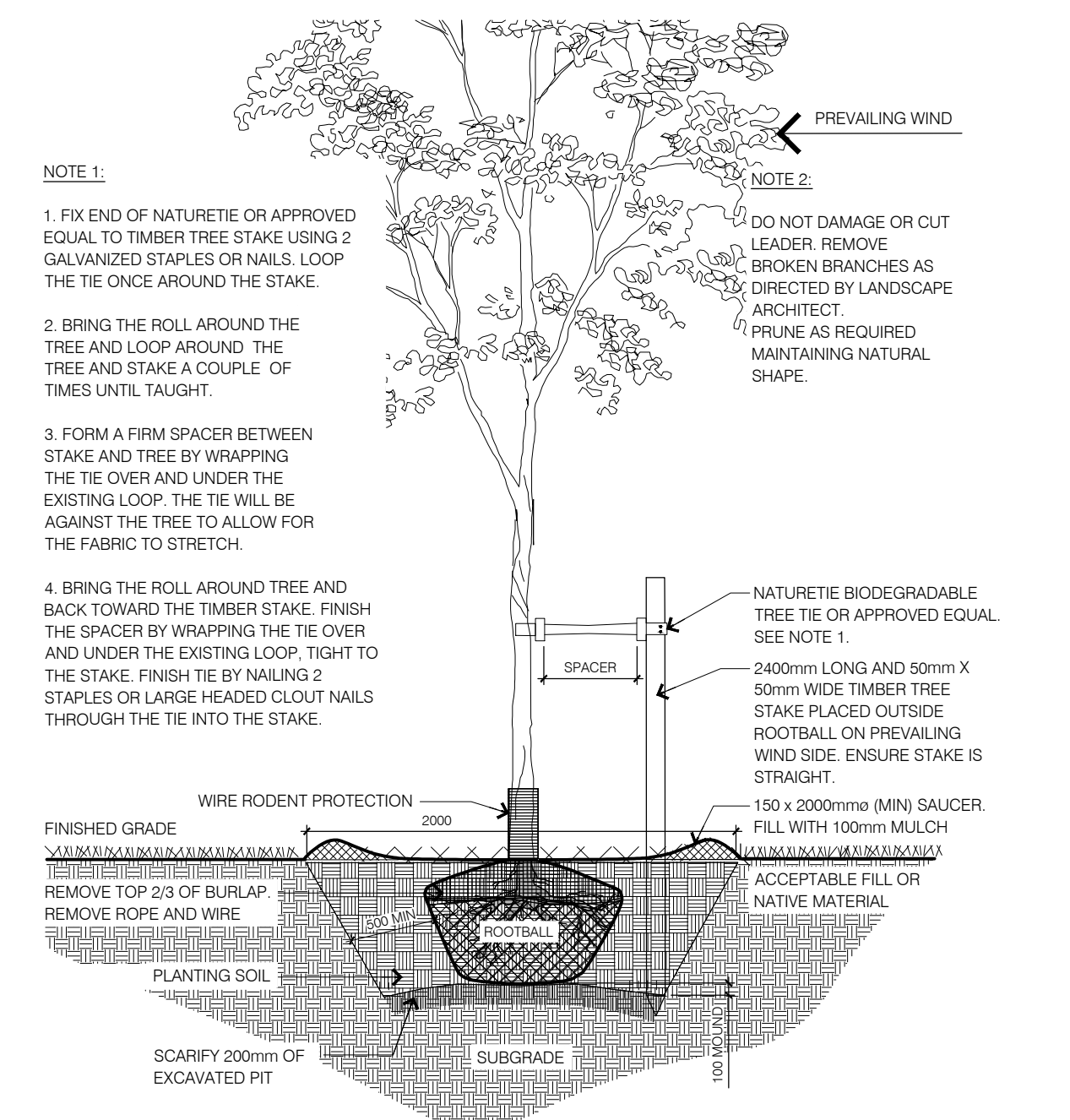
2 HEAVY DUTY CONCRETE PAVING



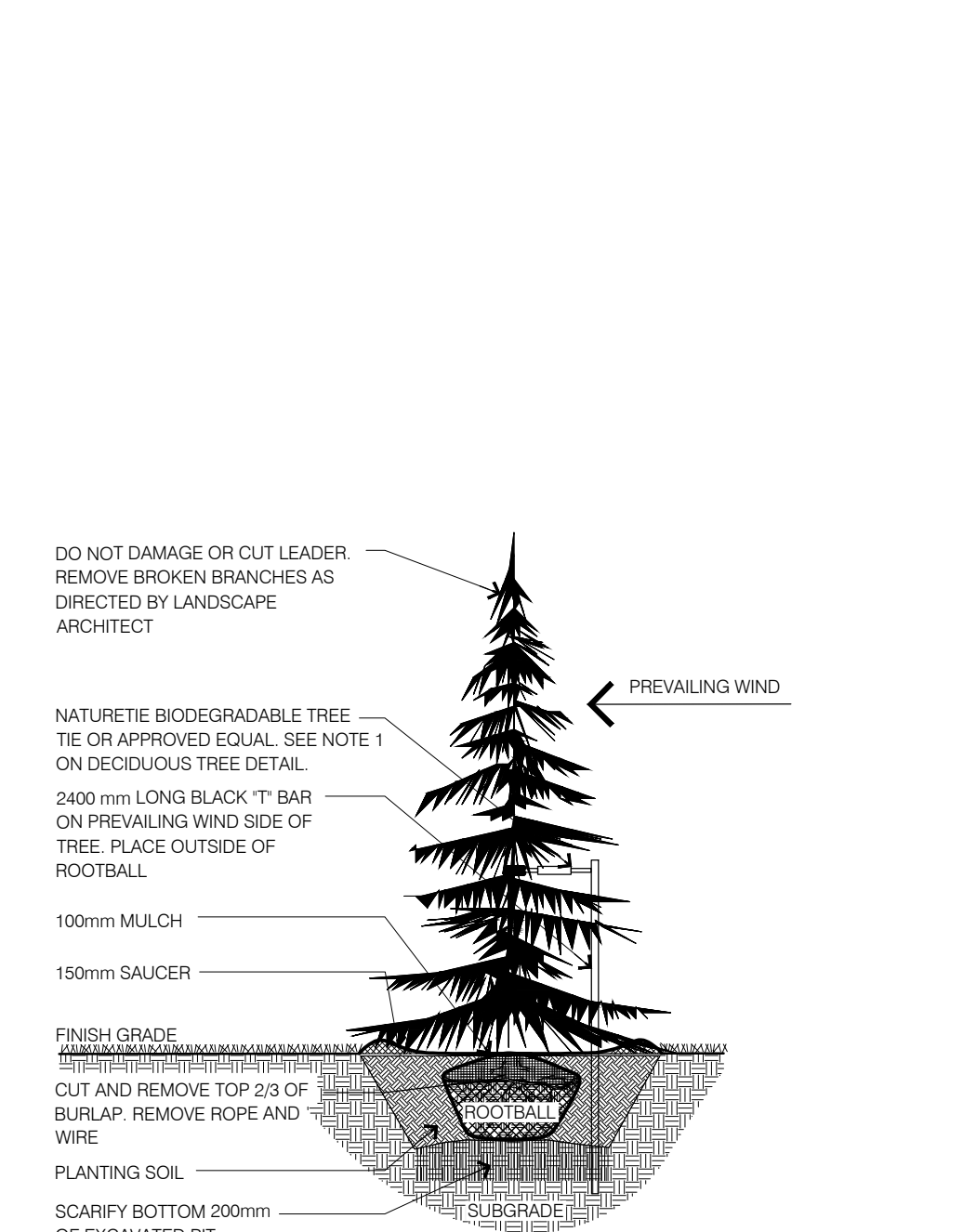
3 STONEDUST SURFACE



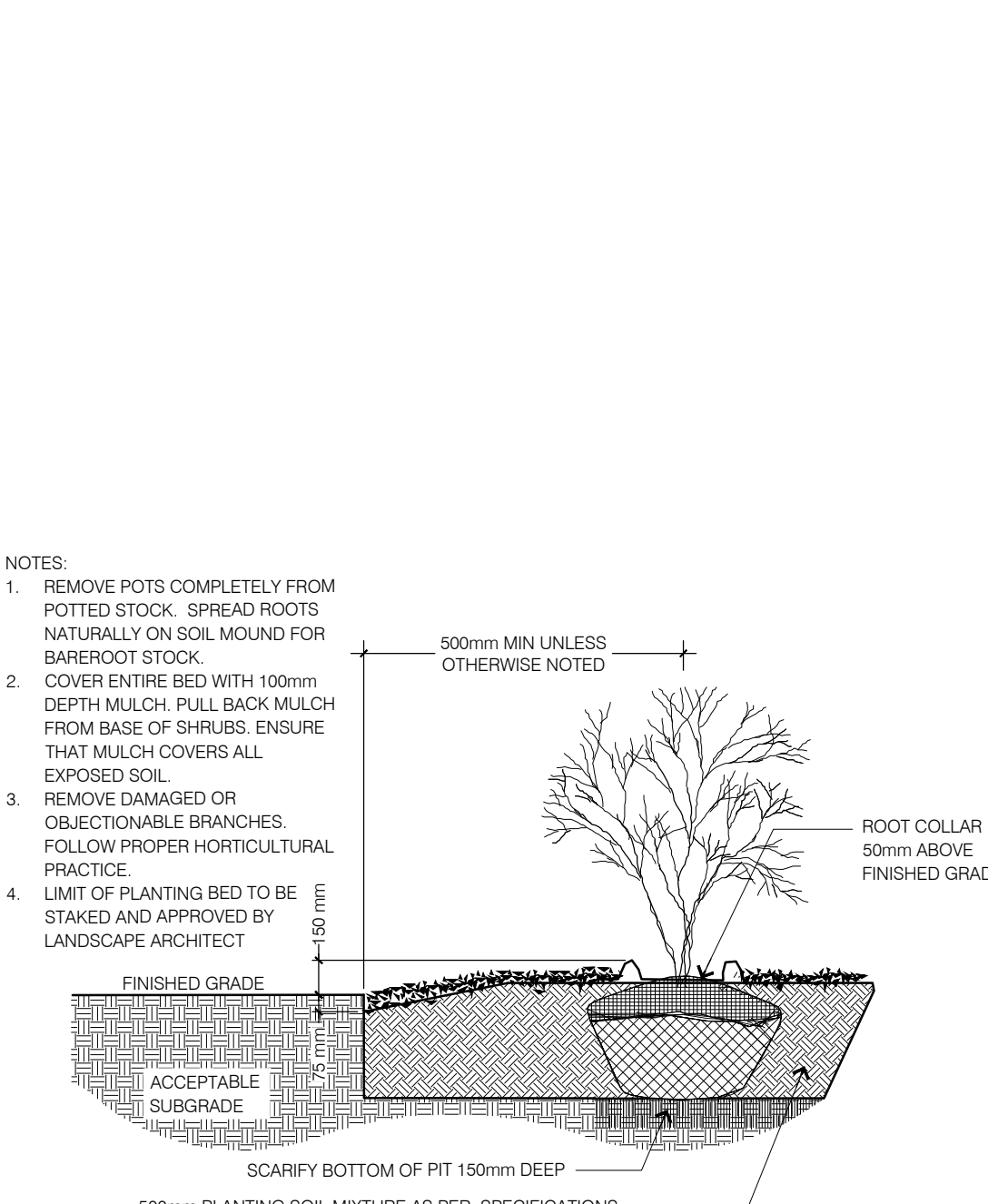
4 TERRASEED



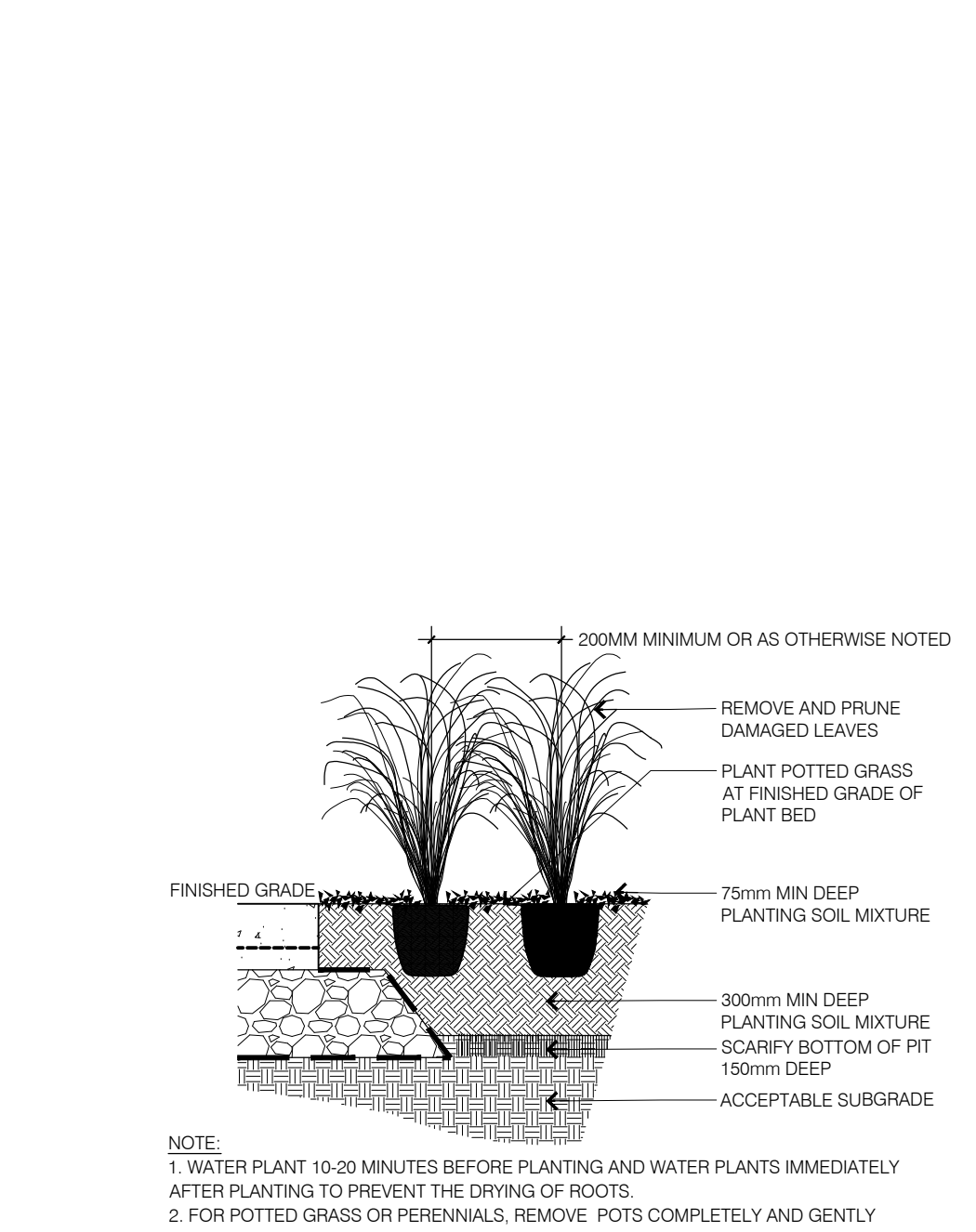
5 DECIDUOUS TREE PLANTING



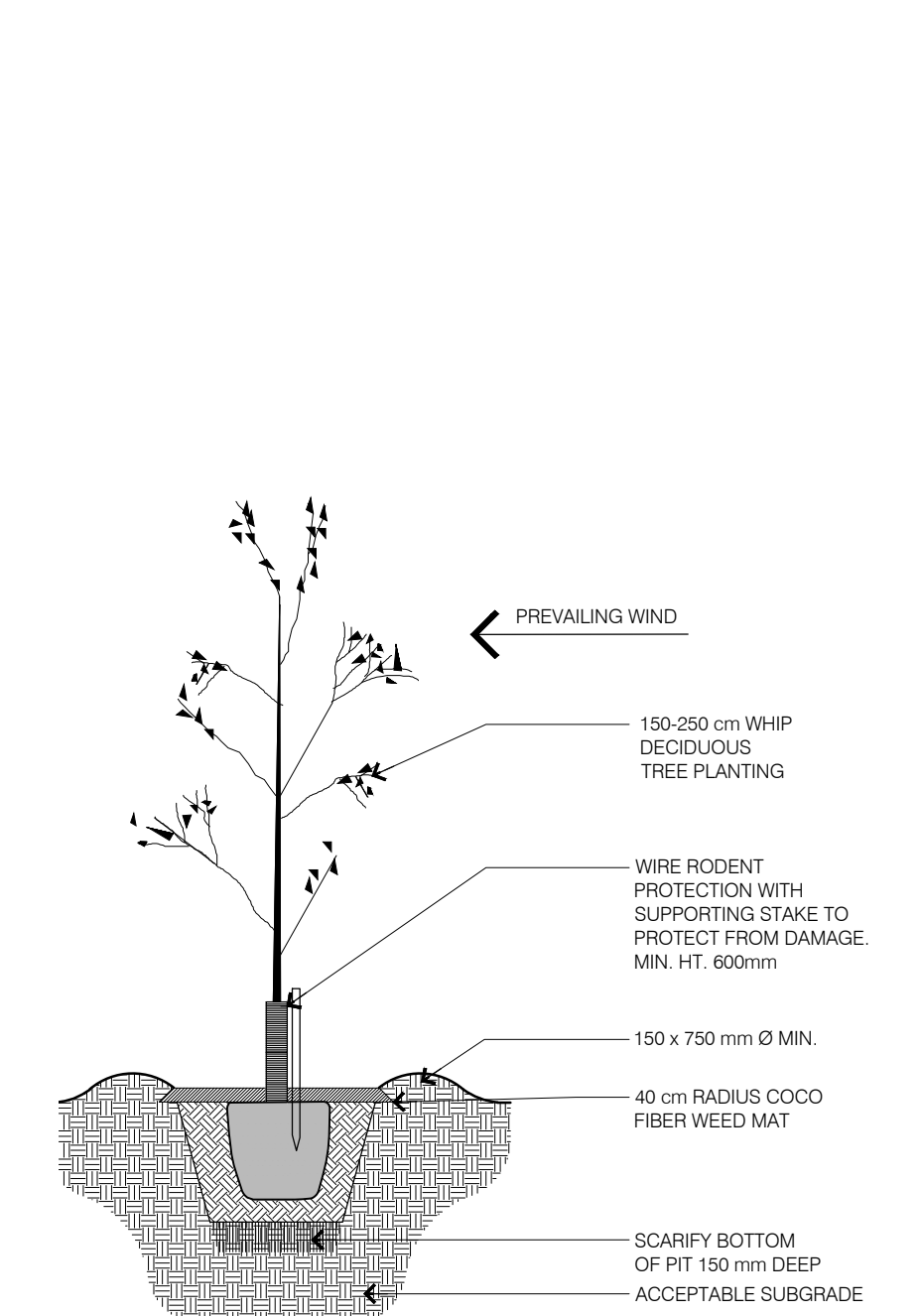
6 CONIFEROUS TREE PLANTING



7 SHRUB PLANTING



8 PERENNIAL PLANTING



9 WHIP TREE PLANTING

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PROJECT: TOMLINSON NEW BUILDING 4501 STRANDHERD DRIVE

DRAWING TITLE: LANDSCAPE DETAILS 2

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