

Legend

- OUTDOOR STREET LIGHT,
REFER TO ELECTRICAL
- BOLLARD LIGHT
REFER TO ELECTRICAL
- REMOVABLE BOLLARD
REFER TO LANDSCAPE SPECS.
- STORMWATER MANHOLE
REFER TO CIVIL
- FIRE HYDRANT
REFER TO CIVIL
- AREA DRAIN
REFER TO CIVIL
- STORMWATER OUTFALL

Notes

- REFER TO SPECIFICATIONS FOR MATERIALS AND INSTALLATION REQUIREMENTS.
- REFER TO LAYOUT AND MATERIALS PLANS.
- REFER TO ARCH/STRUCTURAL FOR ALL CIP CONC. WALLS OVER STRUCTURAL SLAB.
- PAVING, PLANTING, LIGHTING AND FURNISHINGS TO BE COMPLIANT WITH UBC CAMPUS PLAN DESIGN GUIDELINES

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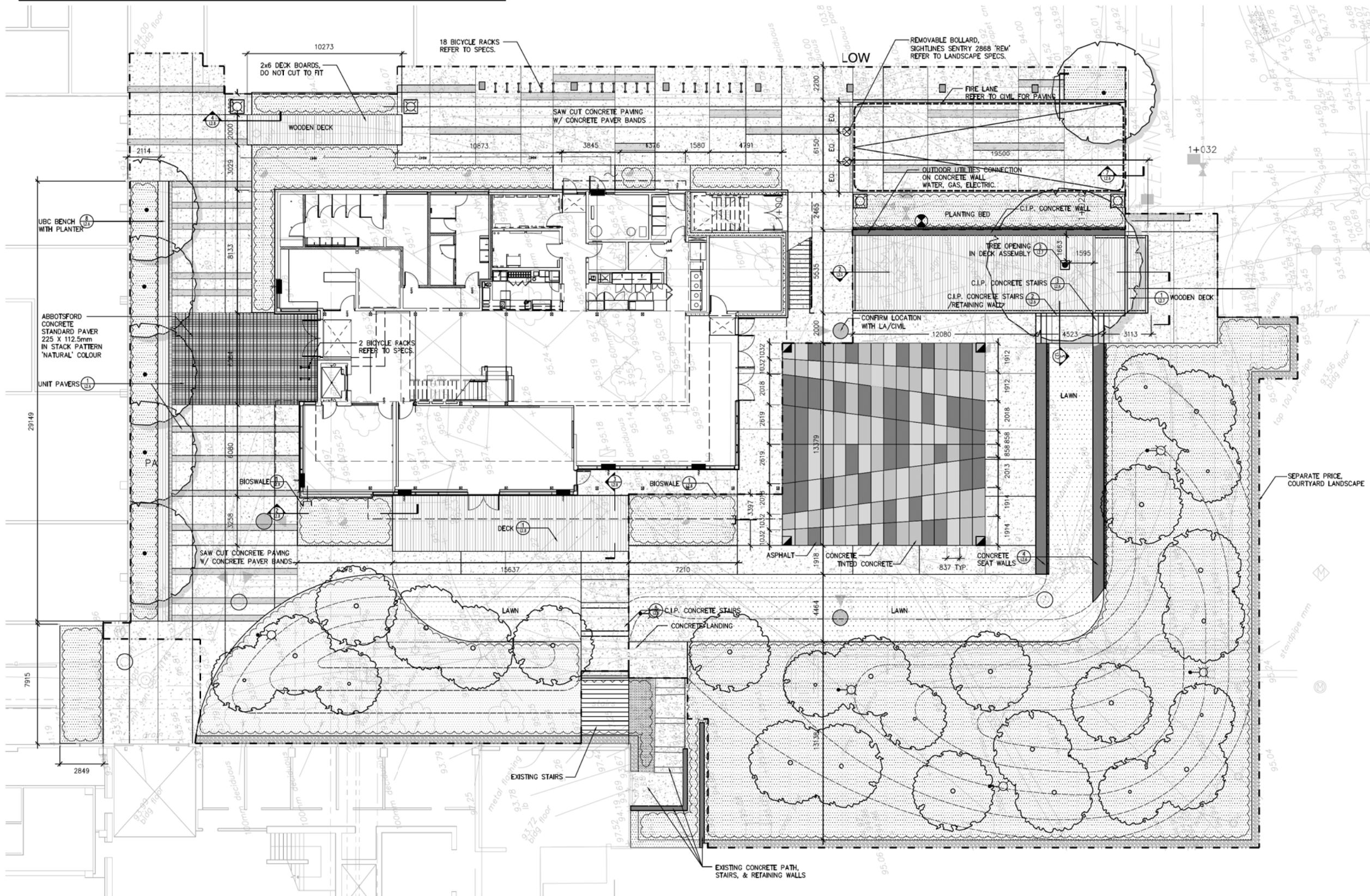
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STUDENT CENTRE

MATERIALS & LAYOUT
Scale: 1:100

L1.1



Legend

±00.00	PROPOSED ELEVATION	← 0.0 %	DIRECTION OF SLOPE
±TW	TOP OF WALL		
±BW	BOTTOM OF WALL		
±FFE	FINISH FLOOR ELEVATION		
±TB	TOP OF BENCH		
±AD	AREA DRAIN		
±TD	TRENCH DRAIN		
±TS	TOP OF STAIRS		
±BS	BOTTOM OF STAIRS		
±TC	TOP OF CURB		
±BC	BOTTOM OF CURB		
±EX 00.00	EXISTING SPOT ELEVATION AS PER SURVEY		

Notes

REFER TO SPECIFICATIONS FOR MATERIALS AND INSTALLATION REQUIREMENTS. REFER TO SOIL DEPTH DETAILS FOR SOIL DEPTH AND VOIDING.

ALL ELEVATIONS ARE NOMINAL AND ARE BASED ON ARCHITECTURAL GRID AND ELEVATIONS PROVIDED BY ARCHITECT. CONTRACTOR TO VERIFY ALL MEASUREMENTS.

ALL PROPOSED ELEVATIONS ARE TO TOP OF FINISHED GRADE UNLESS NOTED OTHERWISE.

PAVING IS GRADED TO A TYPICAL DIMENSION ABOVE STRUCTURAL SLABS. REFER TO PAVING DETAILS FOR TYPICAL ELEVATION OF SLAB.

REFER TO LAYOUT AND MATERIALS PLANS.

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PAVING, PLANTING, LIGHTING AND FURNISHINGS TO BE COMPLIANT WITH UBC CAMPUS PLAN DESIGN GUIDELINES

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PAVING, PLANTING, LIGHTING AND FURNISHINGS TO BE COMPLIANT WITH UBC CAMPUS PLAN DESIGN GUIDELINES

Urban

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GRADING PLAN

Scale: 1:100

L1.2

PLANT SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE	COMMENTS
QC	1	Quercus coccinea	Scarlet Oak	8.0cm Cal., B&B	Uniform Size And Quality
SP	5	Stewartia pseudocamellia	Japanese Stewartia	5.0cm Cal., B&B	Uniform Size And Quality
CK	27	Cornus Kousa 'Satomi'	Kousa Dogwood	5.0cm Cal., B&B	Uniform Size And Quality
PE	102	Phyllostachys edulis 'Moso'	Moso Bamboo	#15 Pct, 900mm O.C.	Uniform Size And Quality
gs	60	Gaultheria shallon	Salal	#1 Pot. 600mm O.C.	Full
pm	946	Polystichum munitum	Western Sword Fern	#1 Pot. 600mm O.C.	Full
mn	520	Mahonia nervosa	Dwarf Oregon Grape	#1 Pot. 600mm O.C.	Full
af	660	Athyrium filix-femina	Lady Fern	#1 Pot. 600mm O.C.	Full
ho	570	Helleborus x hybridus 'White Lady'	White Lady Lenten Rose	#1 Pot. 600mm O.C.	Full
sh	235	Sarcococca hookeriana var. humilis	Himalayan Sweet Box	#1 Pot. 600mm O.C.	Full
je	161	Juncus effusus	Common Rush	#1 Pot. 300mm O.C.	
oc	161	Osmunda cinnamomea	Cinnamon Fern	#1 Pot. 300mm O.C.	
la	161	Lysichiton americanum	Western Skunk Cabbage	#1 Pot. 300mm O.C.	



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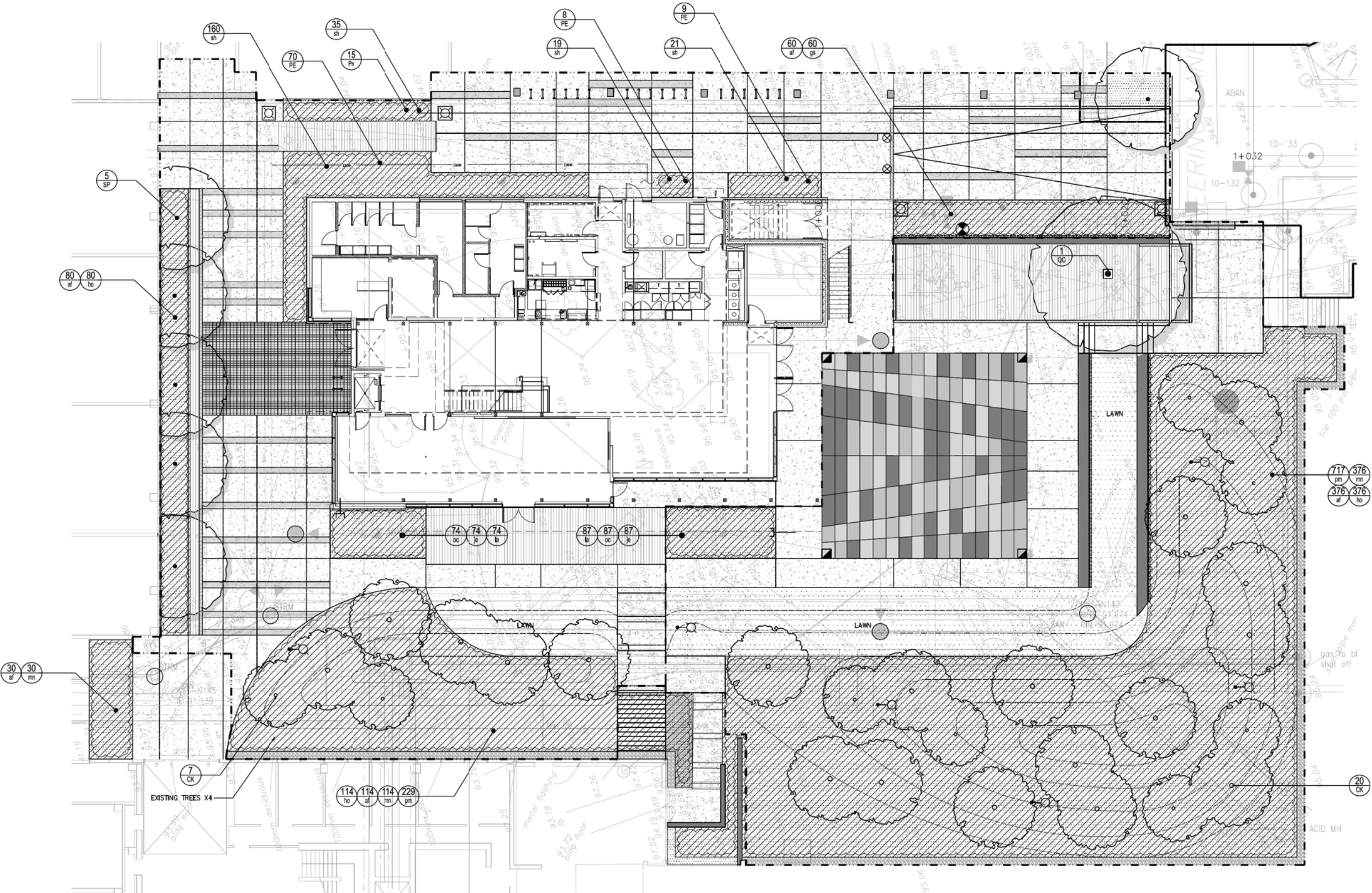
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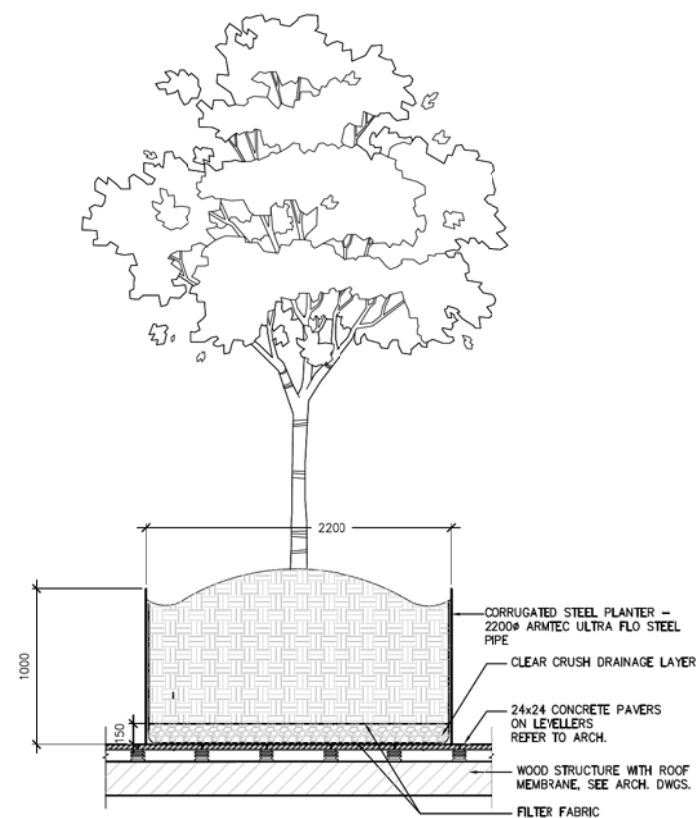
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PLANTING PLAN
Scale: 1:100

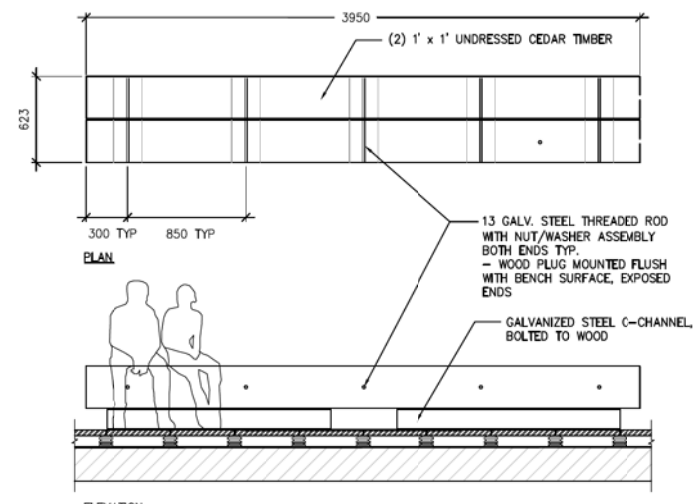
L1.3



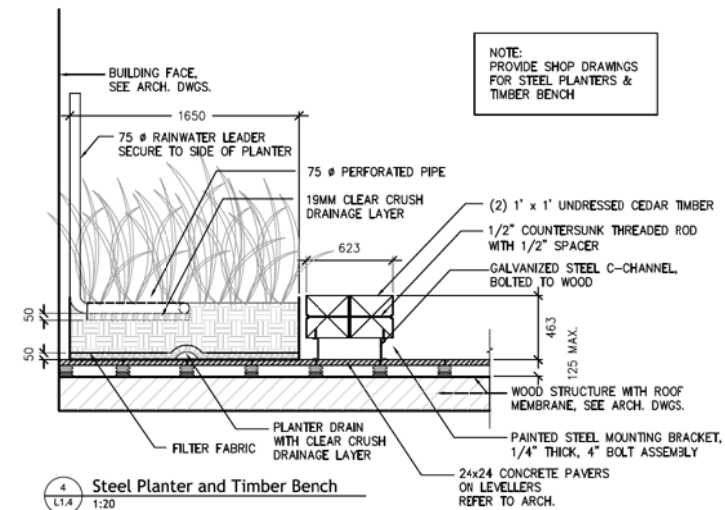
KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE	COMMENTS
PP	3	Parrotia persica	Persian Ironwood	7.0cm Cal., B&B	Uniform Size And Quality
hr	27	Hemerocallis 'Red Volunteer'	Red Daylily	#1 pot, 600mm O.C.	Full
ms	62	Miscanthus sinensis 'Autumn Red'	Maiden Grass	#1 Pot, 600mm O.C.	Full
ho	86	Helleborus orientalis	Lenten Rose	#1 Pot, 300mm O.C.	Full



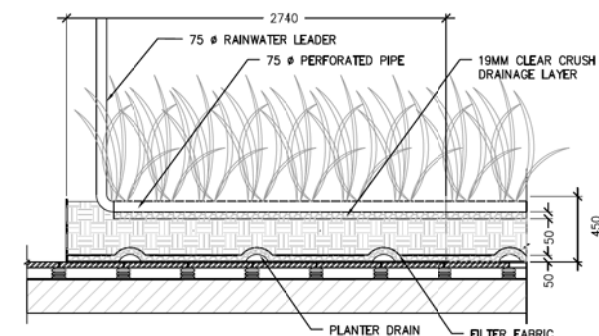
1 Corrugated Steel Planter
L1.4 1:20



2 Timber Bench
L1.4 1:20



4 Steel Planter and Timber Bench
L1.4 1:20



5 Steel Planter and Perforated Pipe
L1.4 1:20

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Scale: 1:100

L1.4

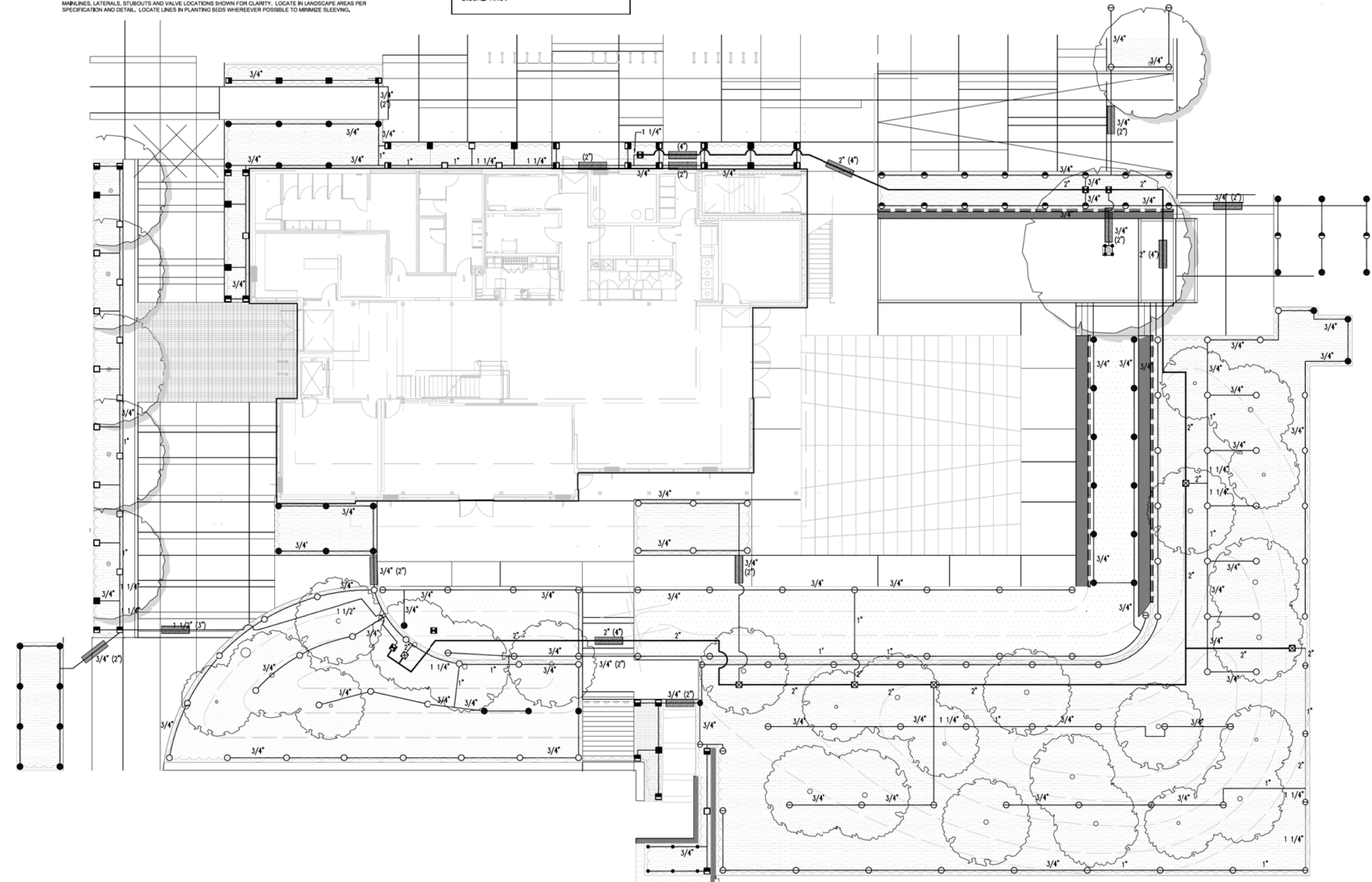
LEGEND

- * STUBOUT LOCATION - 1 1/2" BALL VALVE & #300 IN 1419 BOX
- MAIN CONNECTION - 42.0 USGPM @ 70 PSI
- 2" DOUBLE CHECK VALVE ASSEMBLY
- RAINBIRD 45 QUICK COUPLER
- TIME CLOCK - RAINBIRD ESPLXME - 12 STATION
- AUTO VALVE - RAINBIRD 100 PEB VALVE
- AUTO VALVE - RAINBIRD 150 PEB VALVE
- RAINBIRD 1812-PRS SPRINKLER C/W U15' NOZZLE
- RAINBIRD 1812-PRS SPRINKLER C/W U12' NOZZLE
- RAINBIRD 1812-PRS SPRINKLER C/W U10' NOZZLE
- RAINBIRD 1812-PRS SPRINKLER C/W U8' NOZZLE
- RAINBIRD 1812-PRS SPRINKLER C/W 5' NOZZLE
- RAINBIRD 1812-PRS SPRINKLER C/W 15 SST NOZZLE
- RAINBIRD 1812-PRS SPRINKLER C/W 15 RCS OR LCS NOZZLE
- RAINBIRD 1812-PRS SPRINKLER C/W 15 SST NOZZLE - 0.5 PCS
- LATERAL LINE, SIZE AS SHOWN
- MAIN LINE, SIZE AS SHOWN
- SLEEVE SIZE
- (4")

USE RAINBIRD 1804 - PRS SPRINKLER IN LAWN OR LOW GROUND COVER AREAS.
USE RISERS IN SHRUB AREAS AWAY FROM HARD SURFACE OR LAWN EDGES.
USE HE-VAN NOZZLES FOR SPRAY PATTERNS LESS THAN 90 DEGREES.
INSTALL RAIN SENSOR ON SYSTEM, LOCATION TO BE DETERMINED ON SITE OR RAINBIRD ET MANAGER - ETL.
REFER TO SPECIFICATIONS FOR IRRIGATION REQUIREMENTS.

MAINLINES, LATERALS, STUBOUTS AND VALVE LOCATIONS SHOWN FOR CLARITY. LOCATE IN LANDSCAPE AREAS PER SPECIFICATION AND DETAIL. LOCATE LINES IN PLANTING BEDS WHEREVER POSSIBLE TO MINIMIZE SLEEVING.

NOTE:
CONTRACTOR TO COORDINATE LAYOUT OF IRRIGATION SYSTEM WITH EXISTING SERVICES. CONTACT LANDSCAPE ARCHITECT IF THERE IS DISCREPANCY



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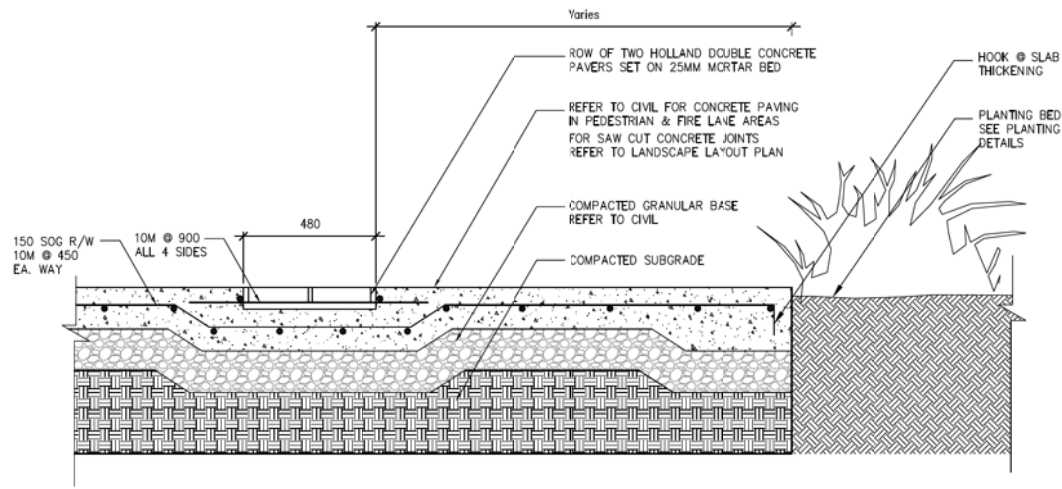
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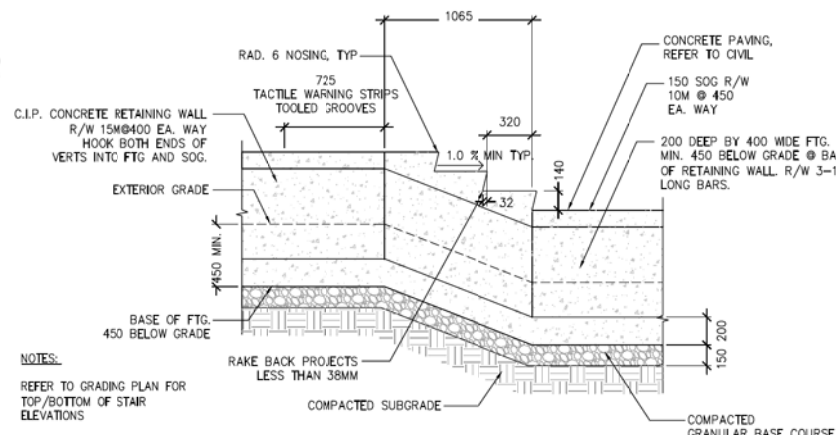
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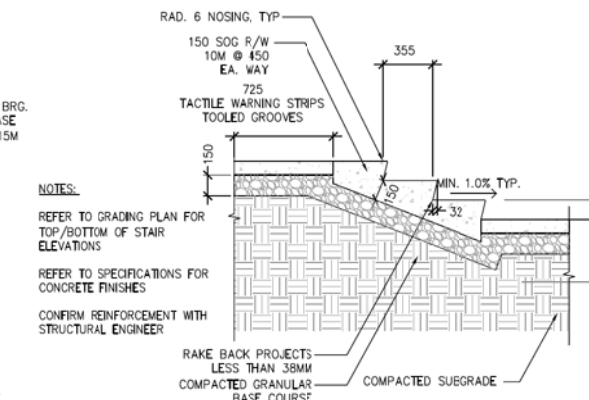
IRRIGATION PLAN
Scale: 1:100



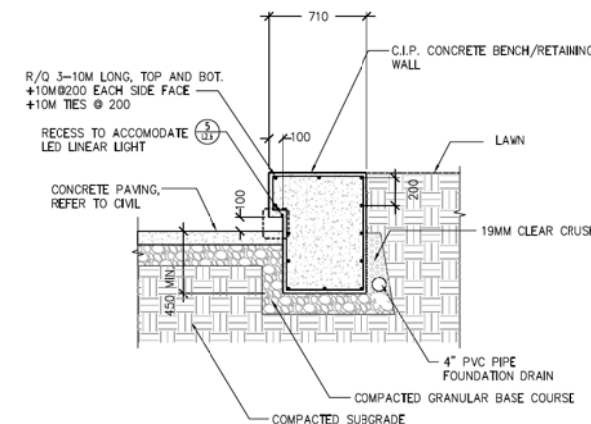
1 Concrete Pavers in C.I.P. Concrete Paving
L2.6 1:10



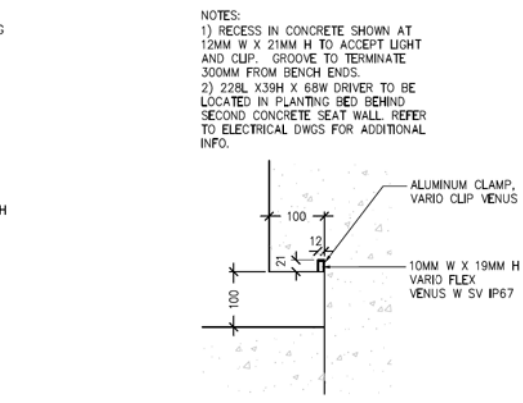
2 C.I.P. Concrete Stairs / Retaining Wall
L2.6 1:20



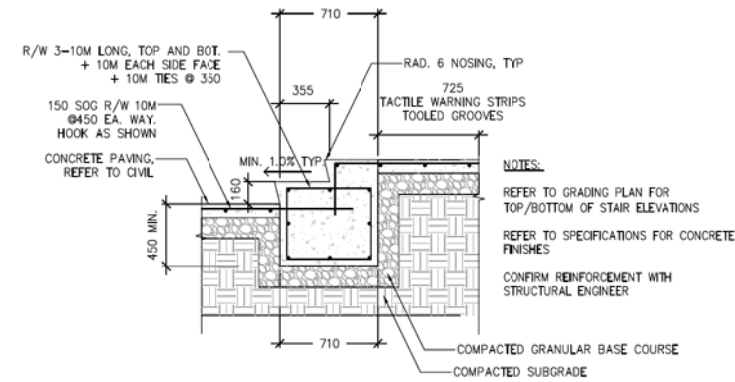
3 C.I.P. Concrete Stairs
L2.6 1:20



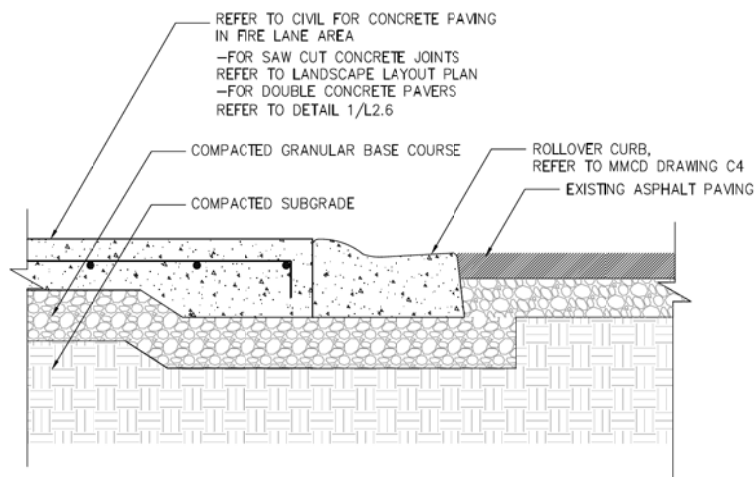
4 Concrete Seat Wall
L2.6 1:20



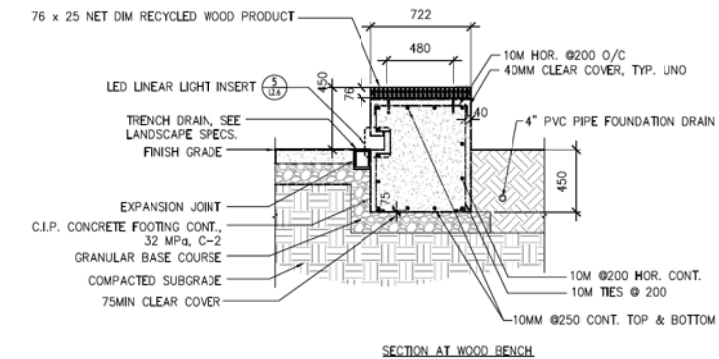
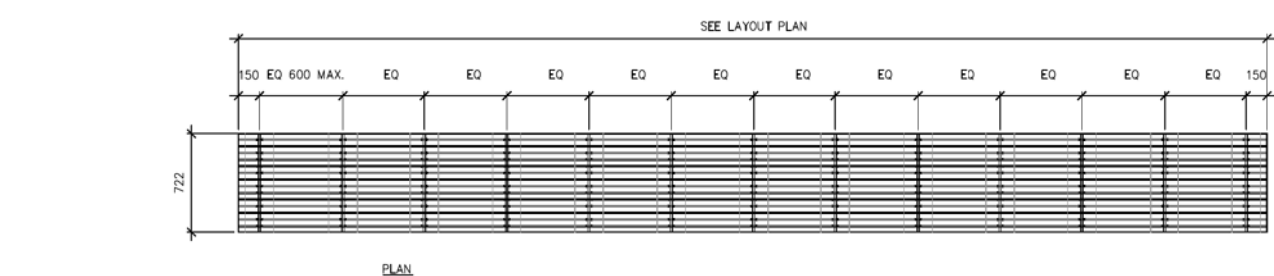
5 LED Linear Light
L2.6 1:5



6 Concrete Stairs TYP.
L2.6 1:20

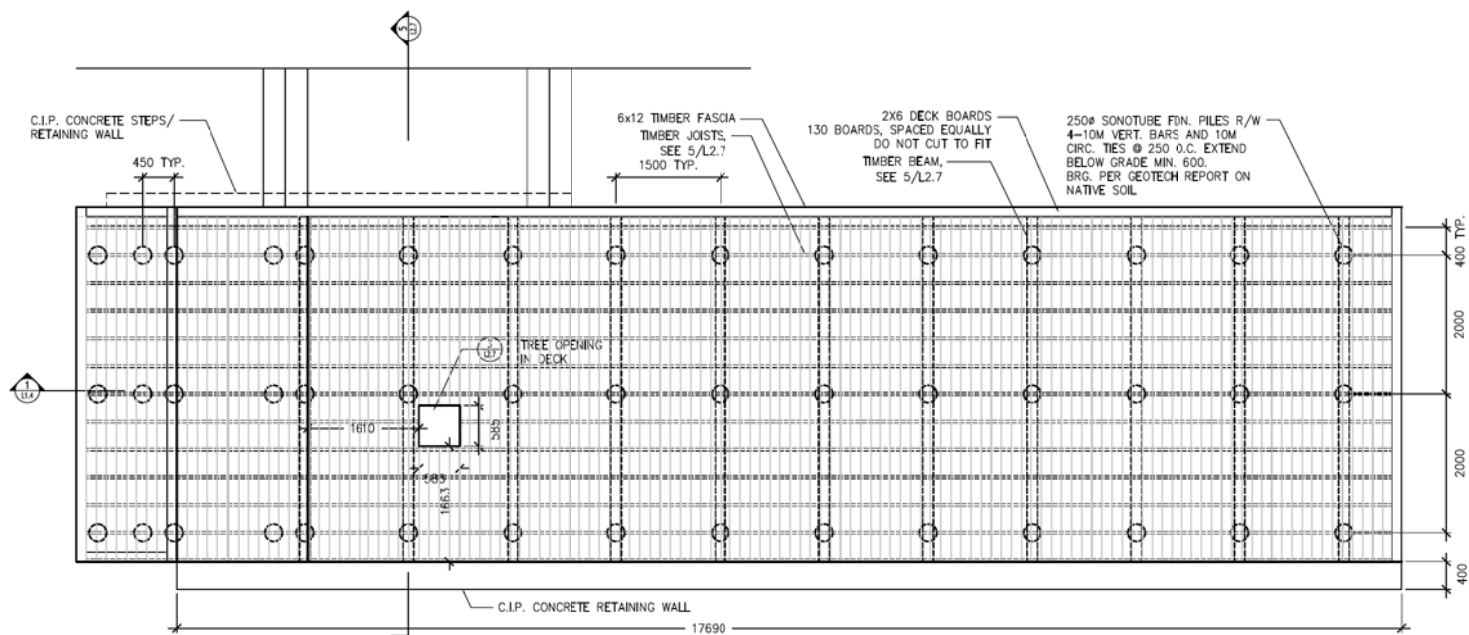


7 Fire Lane at Existing Asphalt Driveway
L2.6 1:10

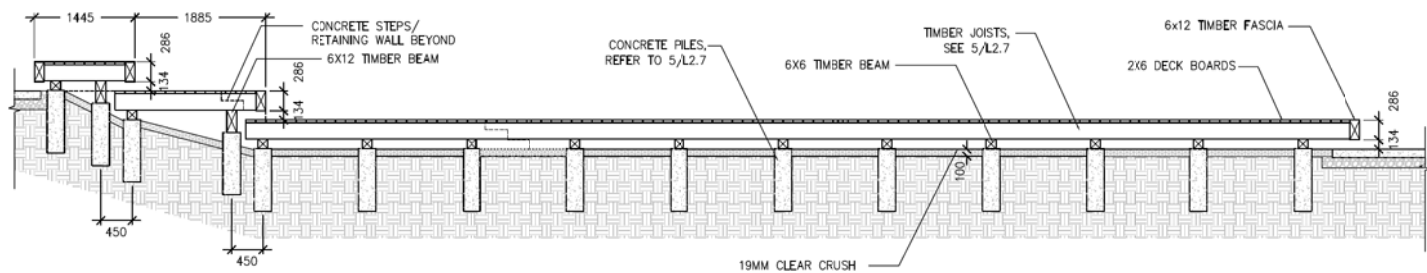


8 UBC Bench
L2.6 1:20

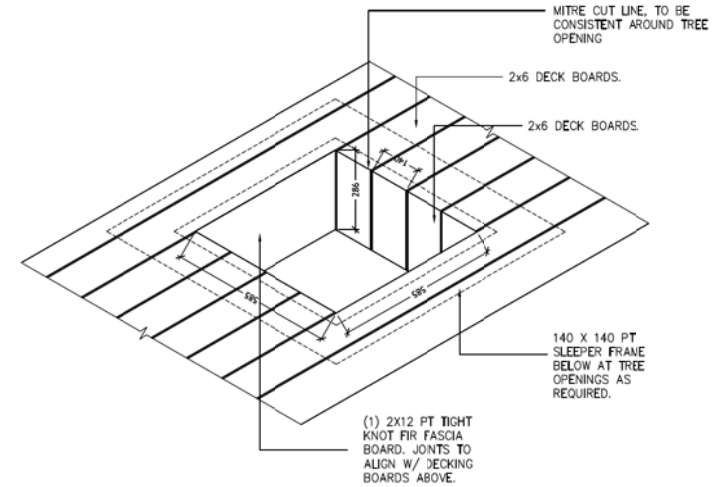
- NOTES:
1. PROVIDE SHOP DRAWINGS FOR BENCH CONSTRUCTION
 2. USE RESYSTA RECYCLED PRODUCT, 1" X 3" CUSTOM PROFILE, FVG-C14 SIAM COLOUR
 3. USE GALVANIZED STEEL FOR ALL HARDWARE UNLESS OTHERWISE NOTED.
 4. REFER TO SPECIFICATIONS FOR CONCRETE FINISHES



1 Deck Plan
L2.7 1:40

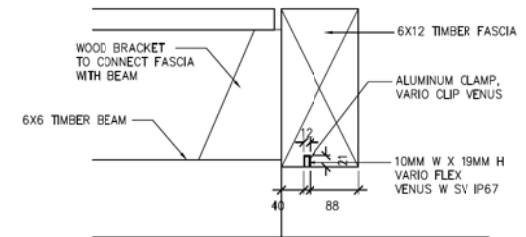


2 Deck Longitudinal Section
L2.7 1:40

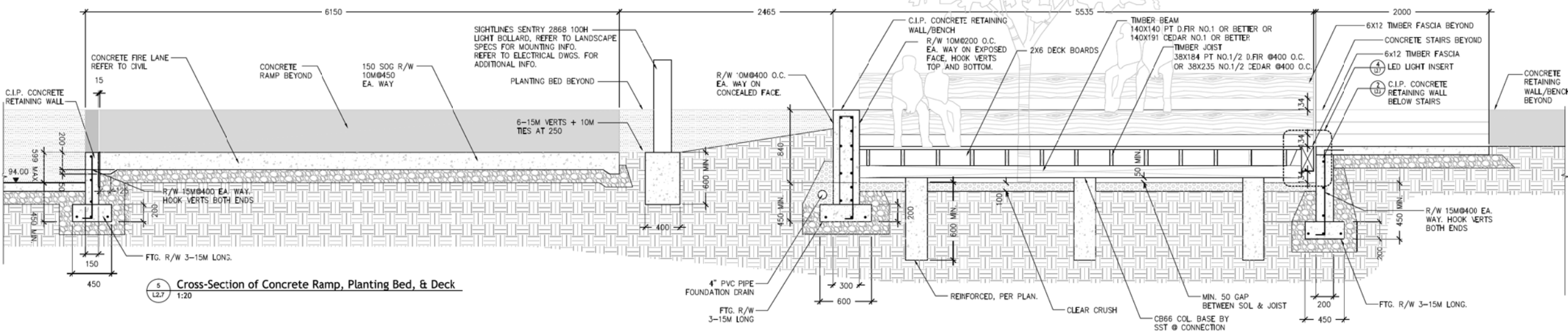


3 Isometric of Tree Opening in Decking Assembly, Typ.
L2.7 1:10

- NOTES:
1) RECESS IN TIMBER FASCIA SHOWN AT 12MM W X 21MM H TO ACCEPT LIGHT AND CLIP. GROOVE TO TERMINATE 300MM FROM FASCIA ENDS.
2) 228L X35H X 65W DRIVER TO BE LOCATED BELOW DECK. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO.



4 LED Linear Light Deck
L2.7 1:15



5 Cross-Section of Concrete Ramp, Planting Bed, & Deck
L2.7 1:20

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LANDSCAPE DETAILS

DECKING

L2.7

