

PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CAL.	DESC.	REMARKS
	2	ACER PALMATUM 'BENI KAWI' CORAL BARK MAPLE	2" CAL	12'-14' HT.	DT
	3	PARROTIA PERSICA 'RUBY VASE' 'RUBY VASE' IRONWOOD	2" CAL	#18 SP	DT
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
	40	CALLUNA VULGARIS 'SPRING TORCH' 'SPRING TORCH' HEATH	1 GAL	1-1/2' O.C.	DT
	2	CLEMATIS MONTANA RUBENS CLEMATIS	5 GAL		DT
	2	LONICERA X HECKROTTII HONEYSUCKLE	5 GAL		DT
	18	MISCANTHUS SINENSIS 'MORNING LIGHT' 'MORNING LIGHT' MISCANTHUS	3 GAL	3' O.C.	DT
	14	OSMANTHUS DELAVAYI OSMANTHUS	5 GAL	2 1/2' O.C.	DT
	4	PIERIS JAPONICA 'MOUNTAIN FIRE' 'MT FIRE' PIERIS	5 GAL		DT
	9	PRUNUS LAUROCERASUS 'MOUNT VERNON' 'MOUNT VERNON' LAUREL	1 GAL	2 1/2' O.C.	

DT - REFERS TO PLANTS THAT ARE LISTED AS DROUGHT TOLERANT PER GREAT PICKS PLANT LIST

EXISTING SOIL TYPE NOTES

According to the 2018 Geotechnical Report submitted by Landau Associates, the following surface conditions and soil types were encountered on the site:

SURFACE: The site is an asphalt, concrete and gravel parking area.

SOIL CONDITIONS: Below the parking surfaces, the report found Quaternary fill to a depth of at least 15 feet. The fill is described as brown, fine to coarse sand to a depth of 5' and below that having varying levels of shells, gravel and silt. The Report described the Quaternary Fill in this area as consisting of various materials such as sand, gravel, shells, organic matter, and riprap. Underlying the fill at varying depths, the soil was reported to be Recessional Outwash.

Based on our experience, we recommended replacing the fill to a depth of 12" in all planting beds with a topsoil mix as per the landscape specifications. In tree wells for street trees, the existing fill shall be removed to the full depth of the planting pit.

TREE UNIT CALCULATIONS

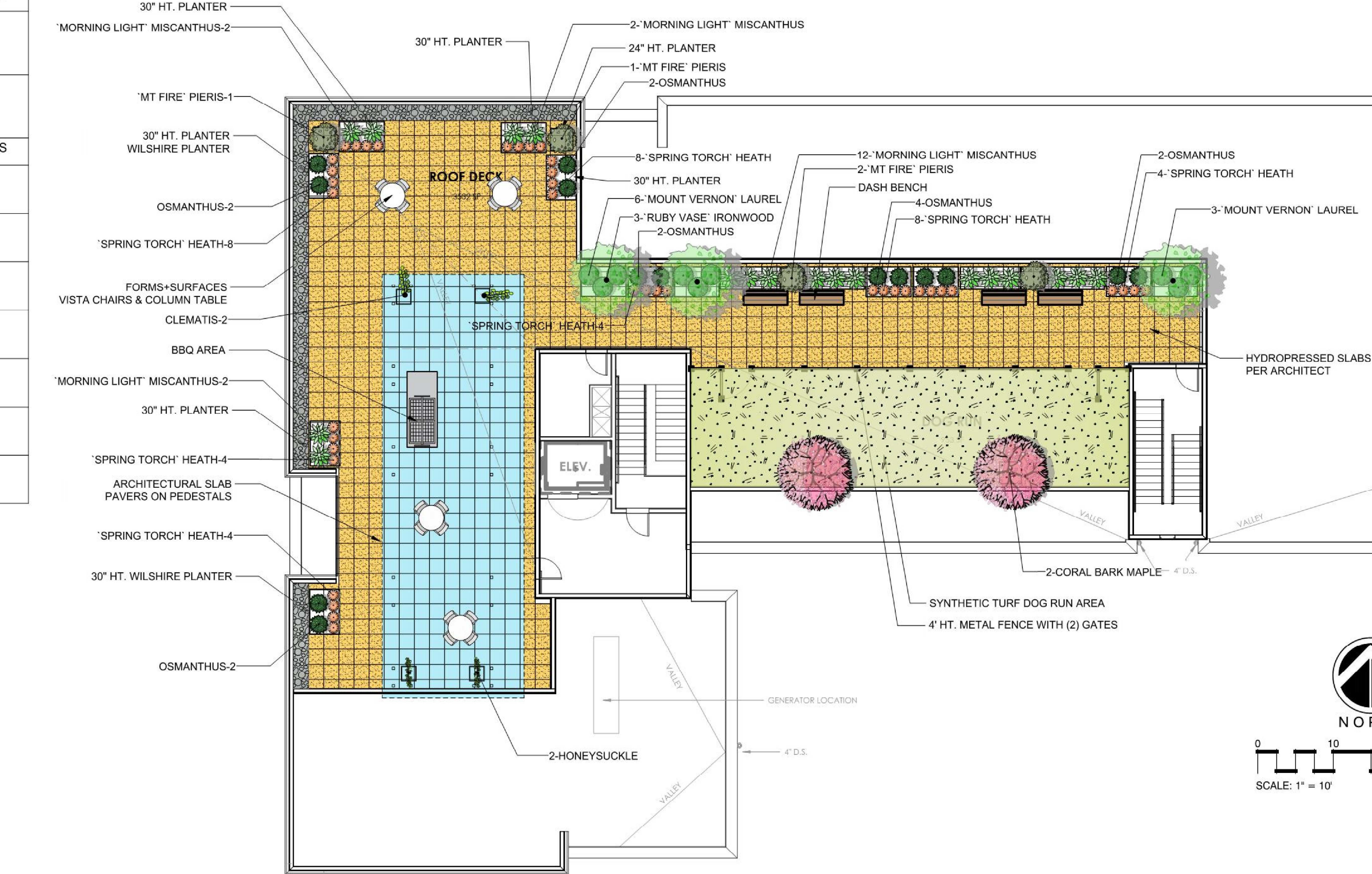
Buildable Site Area	22,866 s.f. (0.52 ac.)
Required Tree Units/Acre	16 Units/Acre
Existing Tree Units to Remain	0
New Tree Units Provided (Does not include street trees)	8
Tree units below required tree units	8 units

A fee of \$380 per tree unit (\$380 x 8) below the minimum tree density of 18 will be paid to the City of Olympia Tree Fund at the time of engineering permit fees.

\$3,040.00

LANDSCAPE SPECIFICATIONS

- Refer to details for additional information.
- Remove from site all existing weeds and vegetation not shown to remain on plans.
- Distribute imported sandy loam topsoil (approved by the Landscape Architect) in areas shown and at depths indicated for backfill of retaining walls, planters or raised beds. Structural fill areas: Any landscape areas occurring within existing or prior structural fill zones shall have said structural fill materials excavated to a depth of 12" below finish grades in shrub areas and 6" below grade in lawn areas, replaced with specified topsoil, and amended as specified. Dispose of excavated material off site.
- Fine grade all landscape beds prior to planting operations. All non-compostable materials shall be removed by hand after application.
- All plant substitutions shall be approved by the Landscape Architect and of the City of Olympia prior to installation. Updated plans showing accurate plant materials shall be provided to the City of Olympia prior to occupancy. Any substitutions shall conform to OMC 18.32.225A.2(b).
- All plants shall conform to the latest edition of the American Standard for Nursery Stock.
- All plant materials and plant locations shall be approved by the Landscape Architect prior to installation. All plants shall be thoroughly watered immediately after planting with Alaska Fish Fertilizer solution.
- Soil amendment for soil mix and planting backfill shall be a screened 5/8" minus nitrified wood residual compost equal to:
 - "Top Grade Compost" brand compost as available from Silver Springs Organics, Rainier, WA (360) 448-7645.
 - "Cedar Grove Compost" brand compost as available from Cedar Grove Compost, Maple Valley, WA (877) 764-5748.
 - PREP/LRI compost as available from Handles Sand and Gravel, Inc., Puyallup, WA (253) 537-6828.ALL NON-COMPOSTABLE MATERIALS WILL BE REMOVED FROM SITE.
- Soil Preparation - (all landscape areas) Excavate existing soil or fill material from landscape bed area to a depth of 12", or in tree wells for street trees to a depth equal to tree pit depth. Scarify surface to a depth of 4"-6" and install Topsoil Mix specified below. Spread 150 lbs./1000 s.f. of Agricultural Gypsum and 15 lbs./1000 s.f. of 16-8-8 commercial fertilizer over soil amendment. Roto-fill or manually incorporate all of the above to a min. 8" depth and grade smooth, compacting as required and removing all rocks, clods and debris.



BY					
DATE					
REVISIONS					

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ROOF DECK LANDSCAPE
STATE & WATER BLDG
OLYMPIA, WA

SHEET TITLE:
PROJECT NAME:



DESIGNER:	T. GRANTHAM
DRAWN BY:	T. GRANTHAM
APPROVED BY:	J. GLANDER
DATE:	MAY, 2019
JOB NO:	3274.01
DRAWING FILE NO:	3274.01 X-LS
DRAWING NO:	L002
SHEET NO:	2 OF 3



CORAL BARK MAPLE



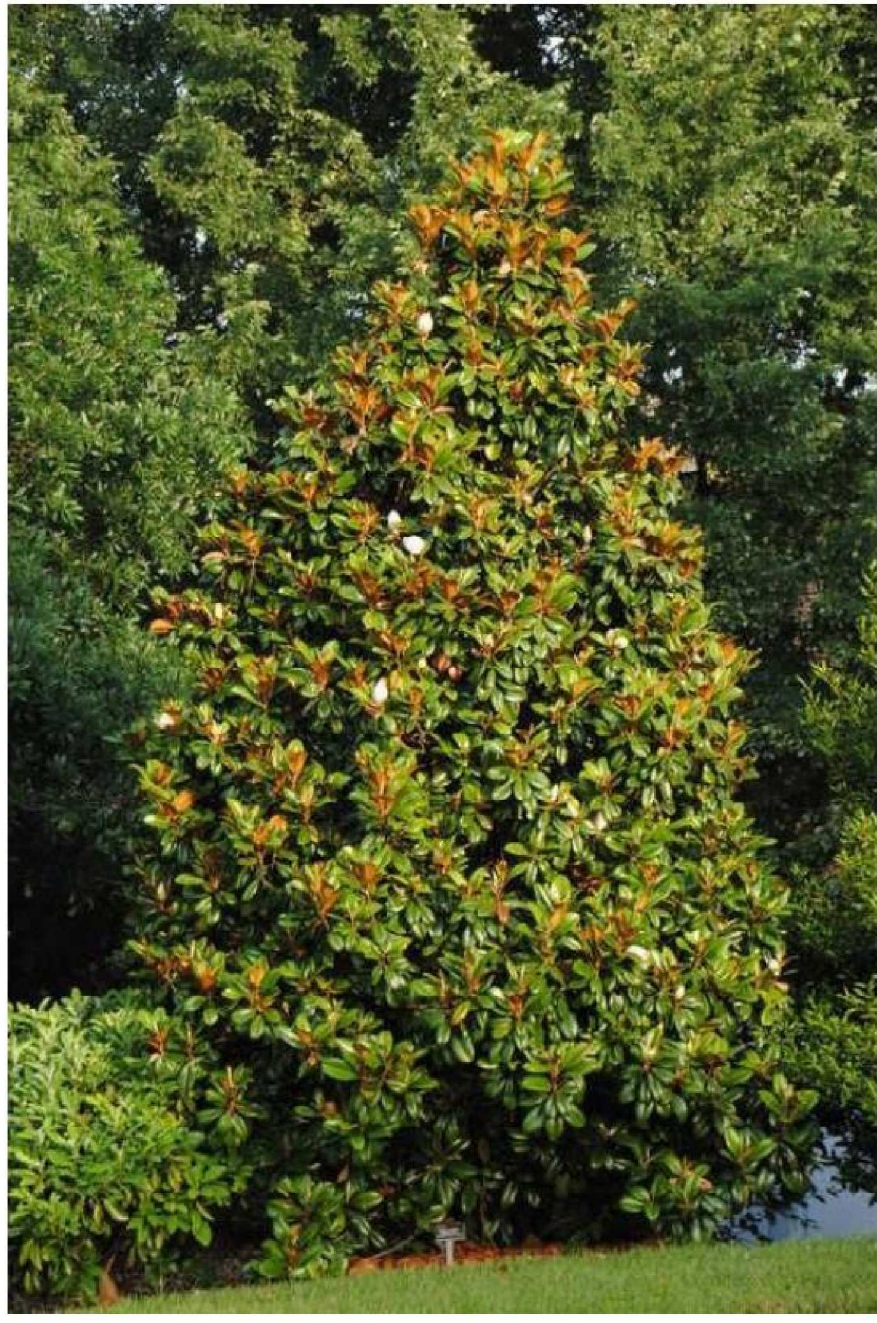
STEWARTIA



'EMERALD SUNSHINE' ELM



'FOREST GREEN' OAK



'EMERALD SUNSHINE' ELM



'SPRING TORCH' HEATHER



'PEE GEE' HYDRANGA



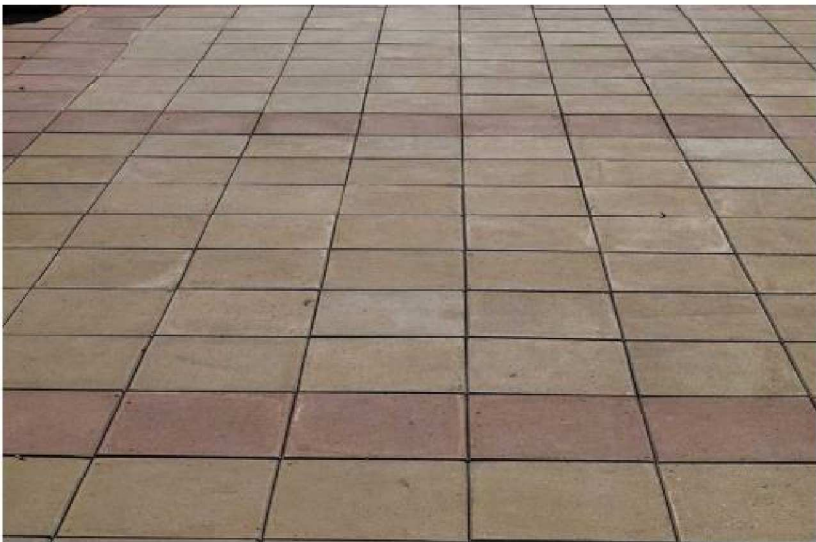
'MORNING LIGHT' MISCANTHUS



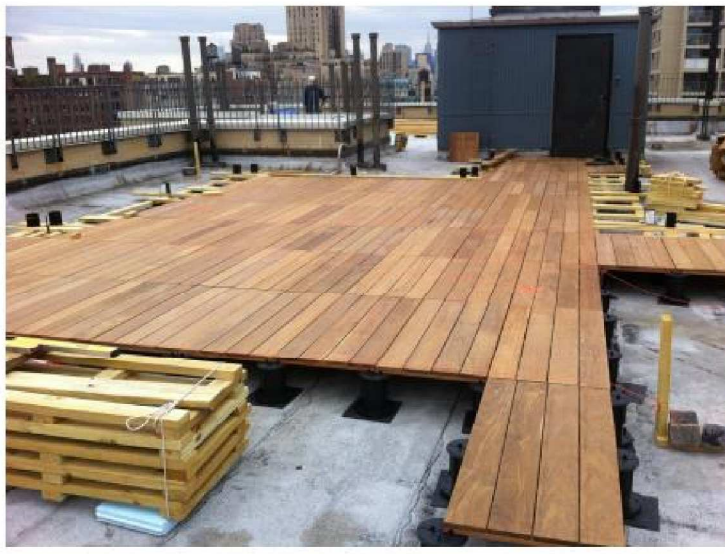
OSMANTHUS



'MT. FIRE' PIERIS



ARCHITECTURAL SLAB PAVERS



TEAK WOOD PAVERS



'LITTLE BUNNY' GRASS



'MT. VERNON' LAUREL



CREeping SARCOCOCCA



CLEMATIS



HONEYSUCKLE



RED BARBERRY



'EMERALD GREEN' ARBORVITAE



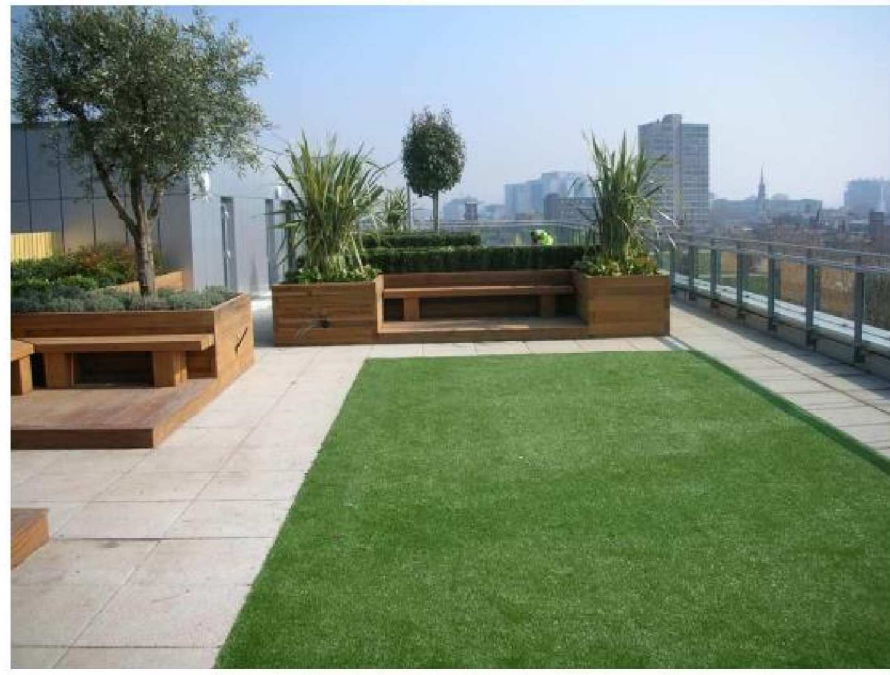
WILSHIRE PLANTERS FROM TOURNESOL



VISTA CHAIRS AND COLUMN TABLE FROM FORMS+SURFACES



DASH BENCH FROM FORMS+SURFACES



SYNTHETIC TURF DOG RUN

REVISIONS	DATE	BY



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CHARACTOR IMAGES AND PLANT PHOTOS

STATE & WATER BLDG
OLYMPIA, WA

SEAL: 

DESIGNER: T. GRANTHAM
DRAWN BY: T. GRANTHAM
APPROVED BY: J. GLANDER
DATE: MAY, 2019
JOB NO: 3274.01
DRAWING FILE NO: 3274.01 X-LS
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SHEET NO: 3 OF 2