

STREET FRONTAGE

THOMPSON DRIVE	452 FEET / 30 = 15 TREES AND 23 SHRUBS
DECKER STREET	200 FEET / 30 = 7 TREES AND 10 SHRUBS

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DECKER STREET	7 TREES AND 10 SHRUBS

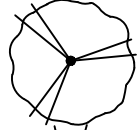
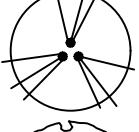
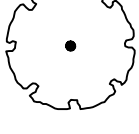
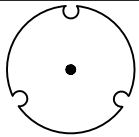
OPEN YARD AREAS

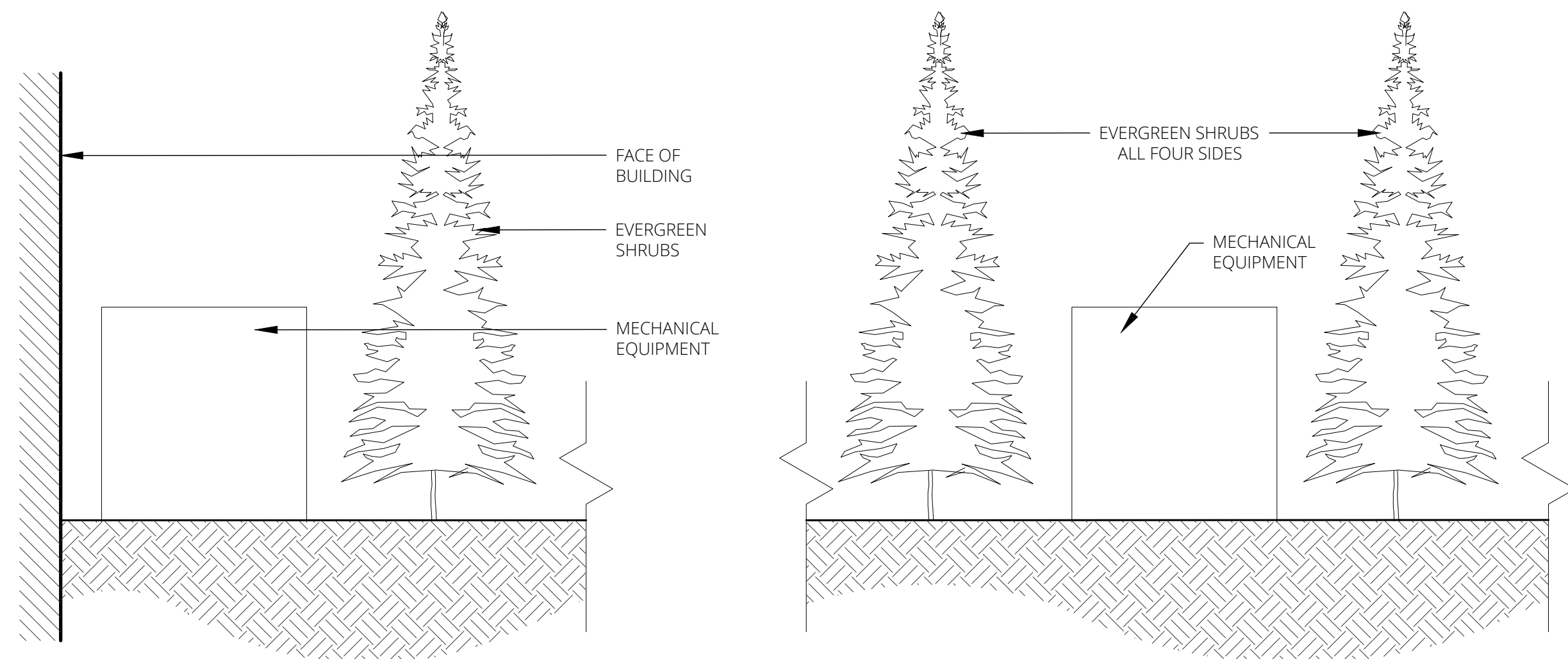
$$92,667 \text{ SF} - 24,000 \text{ SF} = 68,667 \text{ SF} / 5,000 = 14 \text{ TREES AND } 27 \text{ SHRUBS}$$

PROVIDED: 14 TREES AND 27 SHRUBS

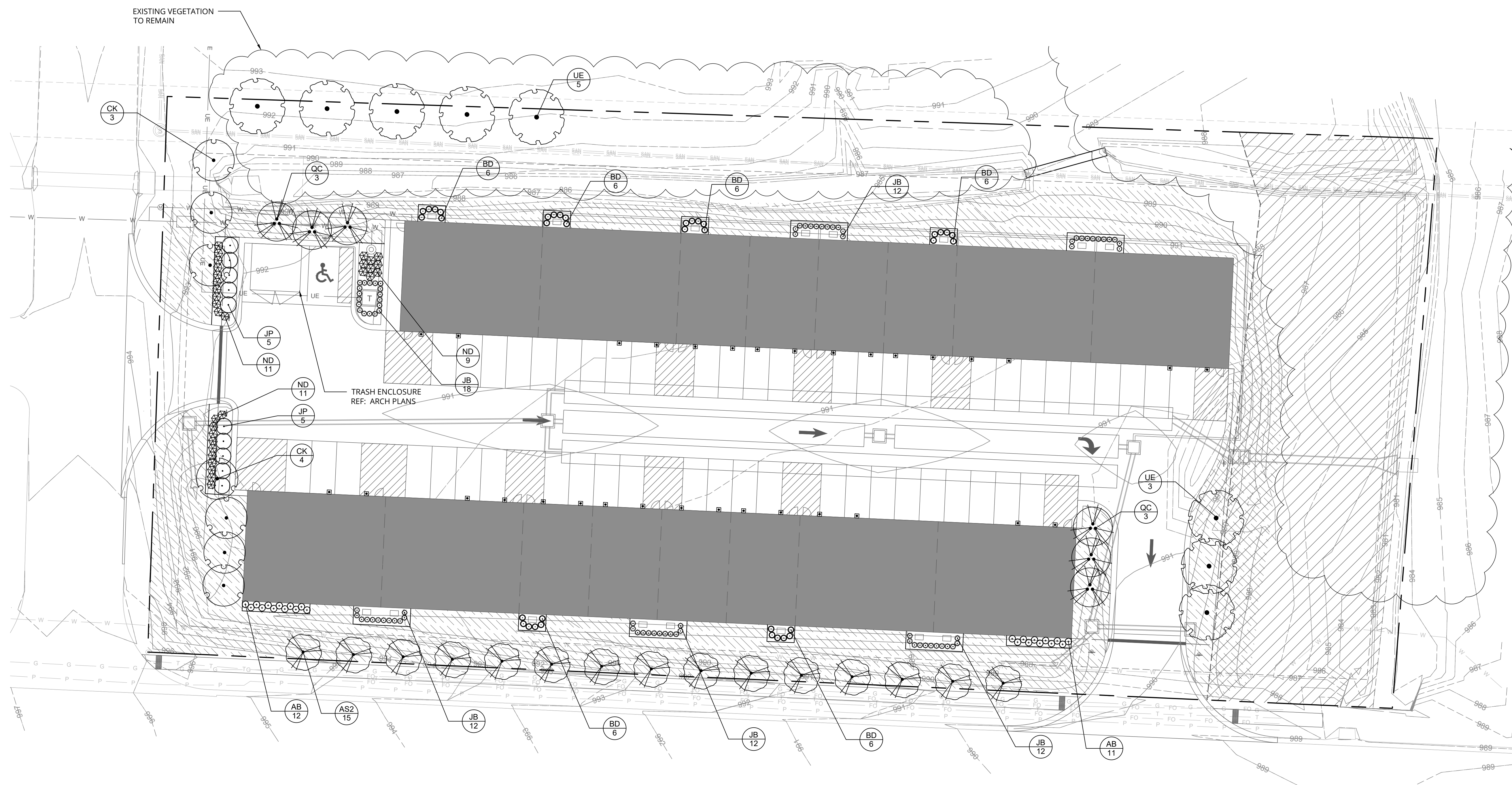
1. GROUND MOUNTED EQUIPMENT SHALL BE TOTALLY SCREENED FROM VIEW BY EVERGREENS ON ALL FOUR SIDES OR BY EVERGREENS ON THREE SIDES AND BUILDING FACE ON FOURTH SIDE, AS SHOWN ON PLAN BELOW AND DETAIL THIS SHEET.

<u>SYMBOL</u>	<u>CODE</u>	<u>QTY</u>	<u>COMMON / BOTANICAL NAME</u>
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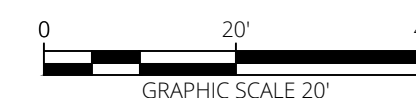
DECIDUOUS TREES					
	AS2	15	SUGAR CONE SUGAR MAPLE / ACER SACCHARUM 'SUGAR CONE'	B & B	3" CAL
	QC	6	CRIMSON SPIRE™ OAK / QUERCUS ROBUR X ALBA 'CRIMSCHMIDT'	B & B	3" CAL
	UE	8	ALLEE LACEBARK ELM / ULMUS PARVIFOLIA 'EMER II'™	B & B	3" CAL
ORNAMENTAL TREE					
	CK	7	KOUSA DOGWOOD / CORNUS KOUSA	B & B	3" CAL
SHRUBS					
	AB	23	LOW SCAPE HEDGER BLACK CHOKEBERRY / ARONIA MELANOCARPA 'UCONNAM166'™	2 GAL	
	BD	36	DEE RUNK COMMON BOXWOOD / BUXUS SEMPERVIRENS 'DEE RUNK'	5 GAL	
	JB	78	BLUE ARROW JUNIPER / JUNIPERUS SCOPULORUM 'BLUE ARROW'	5 GAL	
	JP	10	SEA GREEN JUNIPER / JUNIPERUS X PFITZERIANA 'SEA GREEN'	5 GAL	
	ND	31	FIREPOWER DWARF NANDINA / NANDINA DOMESTICA 'FIREPOWER'	2 GAL	
	TTF	17,455 SF	TURF TYPE TALL FESCUE / DROUGHT TOLERANT FESCUE BLEND	SOD	

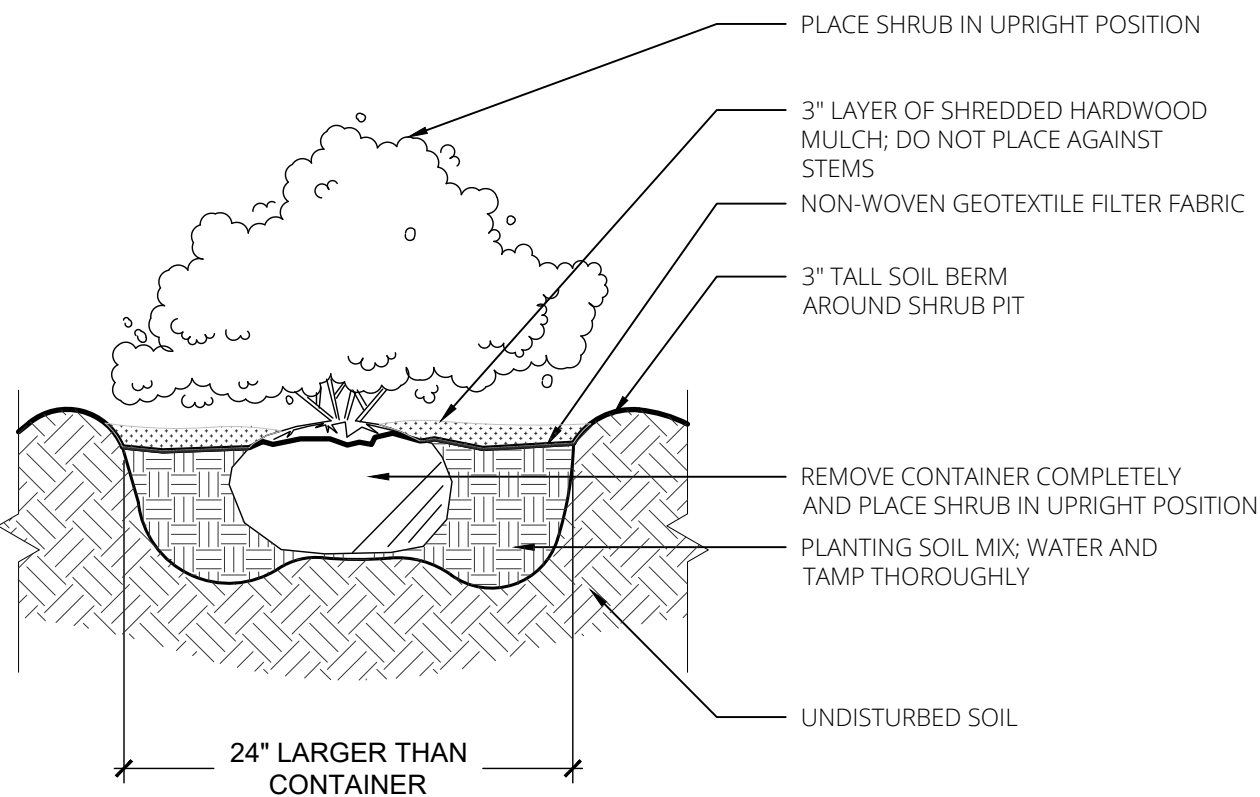


SCALE = NTS

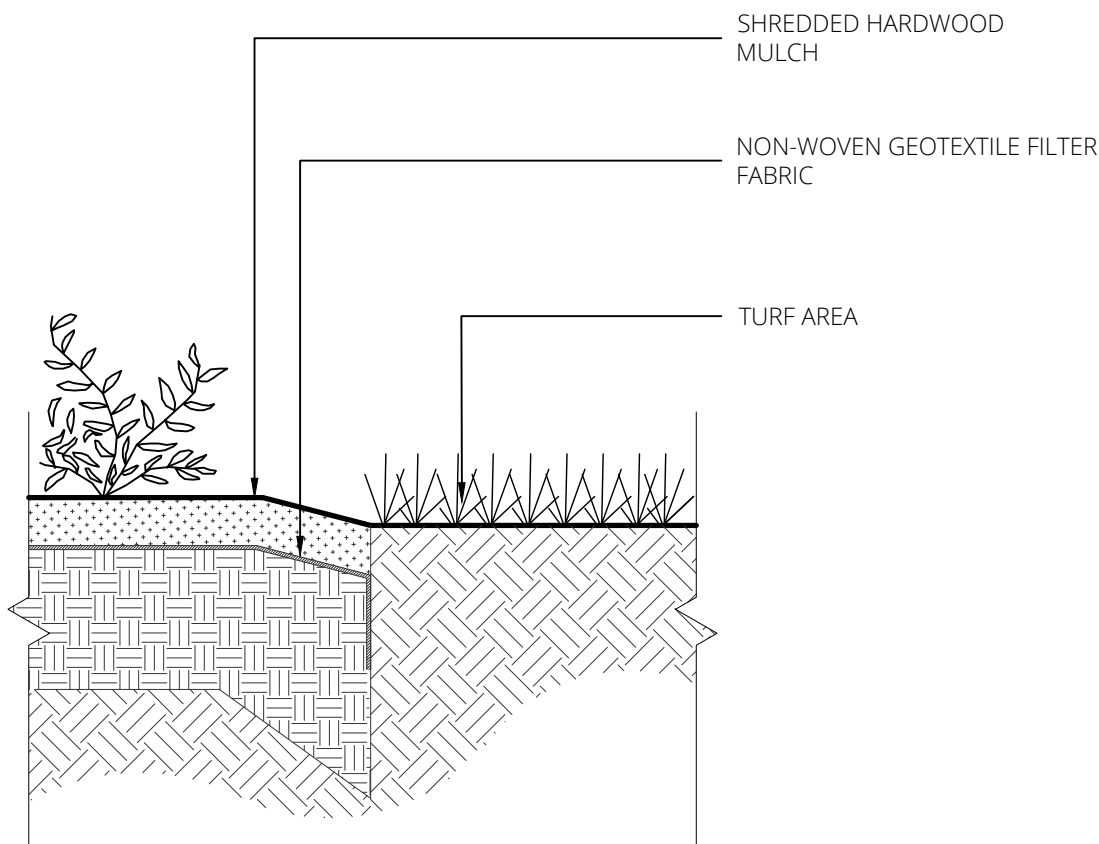


SCALE = 1" = 1'-20"



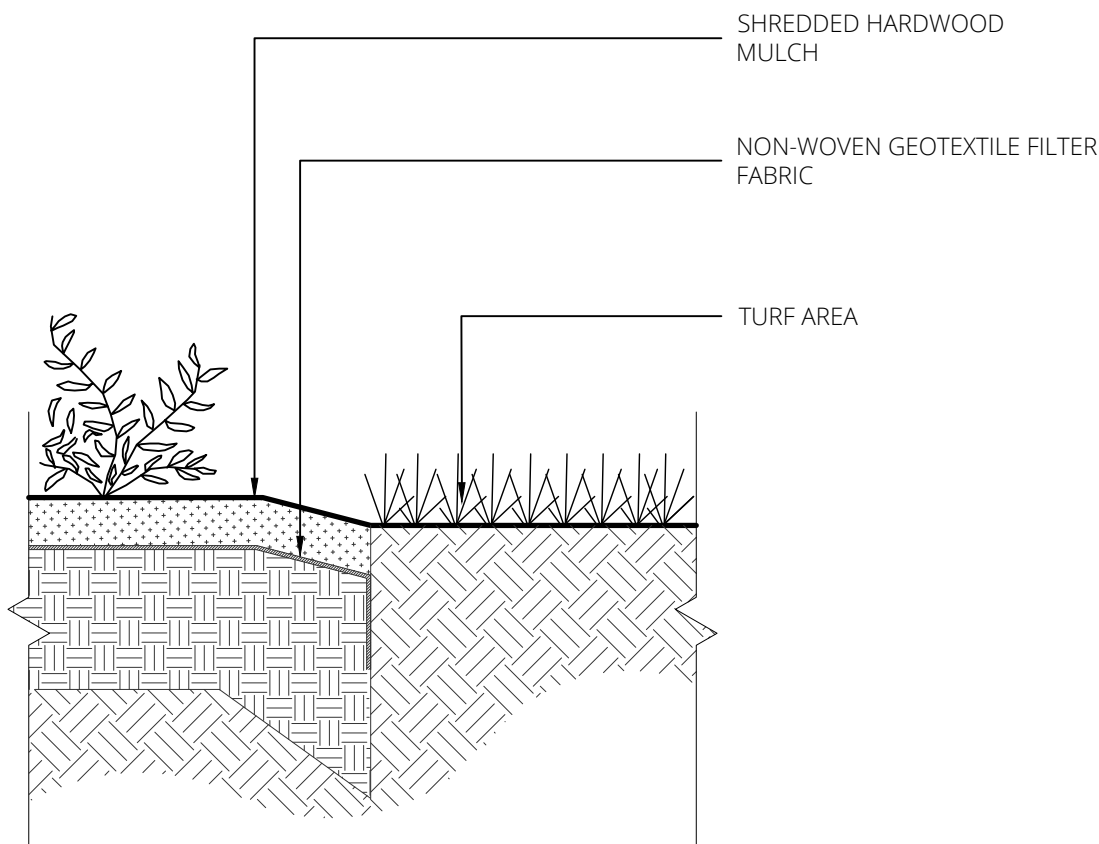


SCALE = 1/4" = 1'-0"



SCALE = 1/2" = 1'-0"

SCALE = 1/2" = 1'-0'



SCALE = 1" = 1'-0"

GENERAL

- ## PLANTING PREPARATION

PLANTING MATERIALS

- ## PLANTING SOIL MIX

- A MIX OF EXISTING SOIL, TOPSOIL, AND COMPOST IN THE FOLLOWING RATIO:

MIX COMPONENT	% BY MOIST VOLUME
EXISTING SOIL	65-70%
TOPSOIL (UNSCREENED)	25-30%
COMPOST	5%

- a. FINAL TESTED ORGANIC MATTER BETWEEN 2.75 AND 4% (BY DRY WEIGHT).
 - b. MIX THE TOPSOIL AND COMPOST TOGETHER FIRST AND THEN ADD TO THE EXISTING SOIL. MIX WITH A LOADER BUCKET TO LOOSELY INCORPORATE THE TOPSOIL/COMPOST MIX INTO THE EXISTING SOIL.
 - c. AT THE TIME OF FINAL GRADING, ADD LIME OR OTHER INORGANIC AMENDMENTS, ONLY IF REQUIRED, AT RATES RECOMMENDED BY THE TESTING RESULTS FOR THE PLANTS TO BE GROWN.
 - d. PROVIDE A TWO-GALLON SAMPLE WITH TESTING DATA THAT INCLUDES RECOMMENDATIONS FOR CHEMICAL ADDITIVES FOR THE TYPES OF PLANTS TO BE GROWN. SAMPLES AND TESTING DATA SHALL BE SUBMITTED AT THE SAME TIME.
16. COMPOST: BLENDED AND GROUND LEAF, WOOD AND OTHER PLANT-BASED MATERIAL, COMPOSTED FOR A MINIMUM OF 9 MONTHS AND AT TEMPERATURES ENOUGH TO BREAK DOWN ALL WOODY FIBERS, SEEDS AND LEAF STRUCTURES, FREE OF TOXIC MATERIAL AT LEVELS THAT ARE HARMFUL TO PLANTS OR HUMANS. SOURCE MATERIAL SHALL BE YARD WASTE TRIMMINGS BLENDED WITH OTHER PLANT OR MANURE-BASED MATERIAL DESIGNED TO PRODUCE COMPOST HIGH IN FUNGAL MATERIAL. COMPOST SHALL BE COMMERCIALY PREPARED COMPOST AND MEET US COMPOST COUNCIL STA/TMECC CRITERIA OR AS MODIFIED IN THIS SECTION FOR "COMPOST AS A LANDSCAPE BACKFILL MIX COMPONENT".
- a. COMPOST SHALL COMPLY WITH THE FOLLOWING PARAMETERS:
- a.a. PH: 5.5 - 8.0.
 - a.b. SOIL SALT (ELECTRICAL CONDUCTIVITY): MAXIMUM 5 DS/M (MMHOS/CM).
 - a.c. MOISTURE CONTENT %, WET WEIGHT BASIS: 30 - 60.
 - a.d. PARTICLE SIZE, DRY WEIGHT BASIS: 98% PASS THROUGH 3/4 INCH SCREEN OR SMEAR.
 - a.e. STABILITY CARBON DIOXIDE EVOLUTION RATE: MG CO₂-C/ G OM/ DAY < 2.
 - a.f. SOLVITA MATURITY TEST: >6.
 - a.g. PHYSICAL CONTAMINANTS (INERTS), %, DRY WEIGHT BASIS: <1%.
 - a.h. CHEMICAL CONTAMINANTS, MG/KG (PPM): MEET OR EXCEED US EPA CLASS A STANDARD, 40CFR 5 503.13, TABLES 1 AND 3 LEVELS.
 - a.i. BIOLOGICAL CONTAMINANTS SELECT PATHOGENS FELIC COLIFORM BACTERIA, OR SALMONELLA, MEET OR EXCEED US EPA CLASS A STANDARD, 40 CFR 5 503.32 (A) LEVEL REQUIREMENTS.
17. PROVIDE A ONE QUART SAMPLE WITH MANUFACTURER'S LITERATURE AND MATERIAL CERTIFICATION THAT THE PRODUCT MEETS THE REQUIREMENTS.
18. INORGANIC SOIL AMENDMENTS
- a. LIME: ASTM C 602, AGRICULTURAL LIMING MATERIAL CONTAINING A MINIMUM OF 80 PERCENT CALCIUM CARBONATE EQUIVALENT AND AS FOLLOWS:
 - a.a. CLASS T: WITH A MINIMUM OF 99 PERCENT PASSING THROUGH A NO. 8 SIEVE AND A MINIMUM OF 75 PERCENT PASSING THROUGH A NO. 60 SIEVE.
 - a.b. FORM: PROVIDE LIME IN FORM OF GROUND DOLOMITIC LIMESTONE.

- ## RELATED ITEMS

25. EDGING: ALL PLANT BEDS AND TURF AREAS MUST BE SEPARATED WITH A CULTIVATED EDGE, AS SHOWN IN THE DETAIL ON THIS SHEET.
26. MULCH: APPLY A 3" LAYER OF SHREDDED HARDWOOD BARK MULCH IN PLANTING BEDS AND AROUND TREES. MULCH SHALL CONSIST OF PURE WOOD, BROWN IN COLOR AND BE FREE OF ALL FOREIGN SUBSTANCES. PROVIDE AND INSTALL PRE-EMERGENT HERBICIDE PRIOR TO MULCH INSTALLATION PER MANUFACTURERS INSTRUCTIONS.
27. TREE TIES: CONTRACTOR SHALL USE AN APPROVED TREE TIE SYSTEM. TREE GUYING TO BE PLANT WOVEN POLYPROPYLENE MATERIAL, 3/4-INCH-WIDE, WITH A TENSILE STRENGTH OF 900 LBS. HOSE AND WIRE WILL NOT BE ACCEPTED, SUBJECT TO COMPLIANCE WITH THESE REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING PRODUCTS, OR APPROVED EQUAL:
- "ARBORITE GREEN" MANUFACTURED BY DEEP ROOT PARTNERS, LP
- "LEONARD TREE TIE WEBBING GREEN" MANUFACTURED BY A.M. LEONARD, INC.
- MAINTENANCE AND CLEAN-UP**
28. THE CONTRACTOR SHALL PROVIDE ALL WATER, WATERING DEVICES AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS UNTIL PROVISIONAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANT'S HEALTHY CONDITION.
29. REMOVE ALL RUBBISH, EQUIPMENT, AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES. REMOVE SOIL OR DIRT THAT ACCUMULATES DUE TO PLANTING OPERATIONS EACH DAY.
- INSPECTION, WARRANTIES AND GUARANTEE**
30. AT THE COMPLETION OF PLANTING OPERATIONS, ALL PLANTS SHALL BE INSPECTED BY A LICENSED LANDSCAPE ARCHITECT TO VERIFY THAT ALL LANDSCAPING HAS BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANTING PLAN AND IS IN A HEALTHY CONDITION. CONTRACTOR SHALL REPLACE IMMEDIATELY ANY PLANTS NOT IN HEALTHY AND VIGOROUS CONDITION AT THAT TIME AT NO EXPENSE TO THE OWNER. ONCE IT CAN BE VERIFIED THAT ALL PLANTING IS IN ACCORDANCE WITH THE PLAN AND ARE FOUND TO BE HEALTHY, THE LANDSCAPE ARCHITECT SHALL PREPARE AN AFFIDAVIT TESTIFYING TO THESE FACTS AND THE OWNER SHALL SUBMIT IT TO CITY STAFF.
31. OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT AT ANY TIME OR PLACE PRIOR TO FINAL ACCEPTANCE OF WORK, ANY AND ALL PLANTS WHICH, IN THEIR OPINION, FAIL TO MEET THESE SPECIFICATION REQUIREMENTS.
32. CONTRACTOR SHALL GUARANTEE TREES, SHRUBS, PERENNIALS AND TURF FOR ONE CALENDAR YEAR FOLLOWING PROVISIONAL ACCEPTANCE OF THE OVERALL PROJECT. DURING THE GUARANTEE PERIOD, PLANTS THAT DIE DUE TO NATURAL CAUSES OR THAT ARE UNHEALTHY OR UNSIGHTLY IN CONDITION, SHALL BE REPLACED BY THE CONTRACTOR. PLANTS USED FOR THE REPLACEMENT SHALL BE OF THE SAME VARIETY AND SIZE AS ORIGINALLY SPECIFIED IN THE PLANT SCHEDULE. REPLACEMENTS SHALL BE MADE WITHIN ONE WEEK OF REQUEST PENDING FAVORABLE SEASONAL PLANTING CONDITIONS. GUARANTEE WILL NOT BE PUNISHED AGAINST CONTRACTOR IF LOSS OR DAMAGE IS DUE TO VANDALISM, OVER OR UNDER WATERING BY THE OWNER, IMPROPER MAINTENANCE OR PROCEDURES CARRIED OUT BY THE OWNER INVOLVING LAWN MOWER DAMAGE, OVER FERTILIZATION, ACTS NOT RELATED TO CONTRACTUAL RESPONSIBILITIES OF CONTRACTOR OR SIMILAR CIRCUMSTANCES BEYOND THE CONTROL OF THE CONTRACTOR.