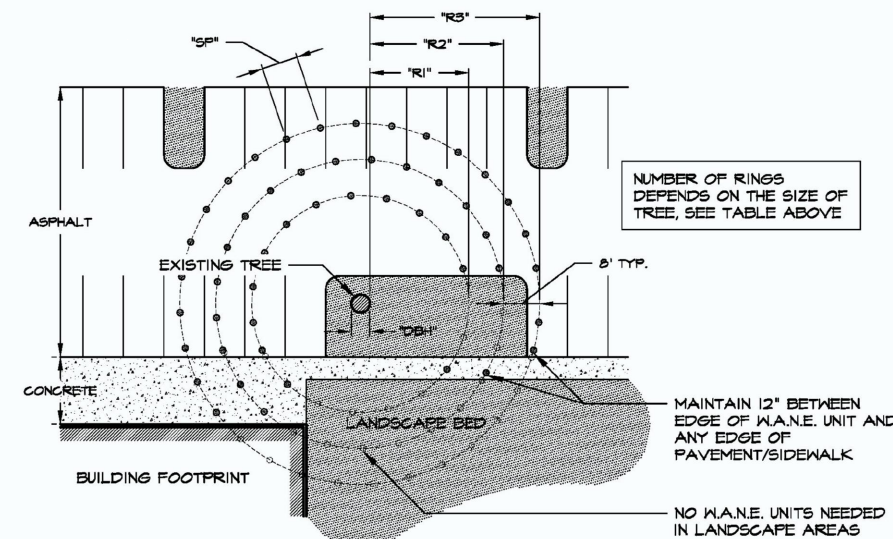
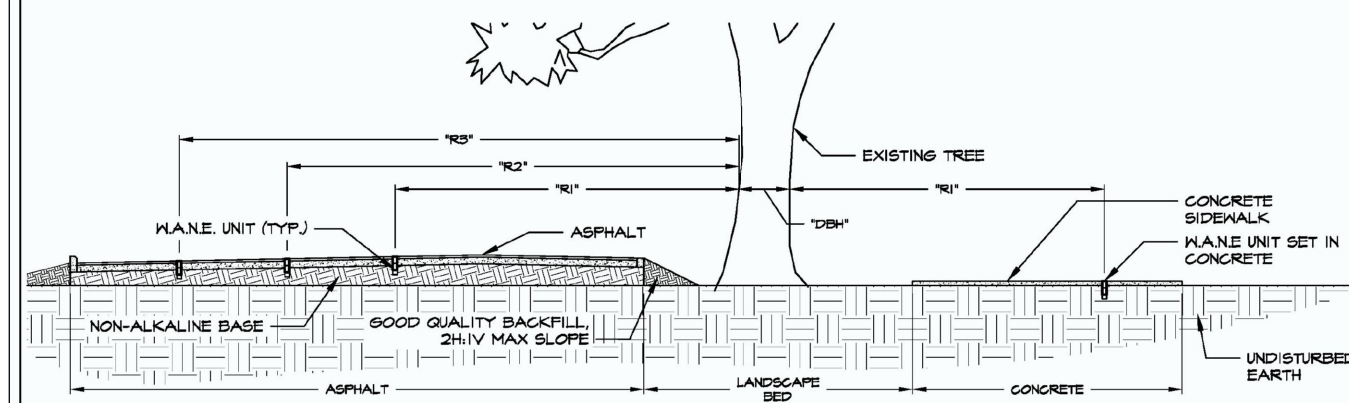


QUANTITY AND PLACEMENT FORMULA TABLE					
Tree Diameter at Shoulder Height (in Feet)	First Ring Offset from Trunk (in Feet)	Second Ring Offset from Trunk (in Feet)	Third Ring Offset from Trunk (in Feet)	Units Spacing (in Feet)	Total Units Needed (in Feet)
1" to 2"	RI = 0.75 x DBH	not applicable	not applicable	SP = 0.5'	TU = 5
2" to 3"	RI = 0.75 x DBH	not applicable	not applicable	SP = 0.5'	TU = 0.68 x DBH
3" to 4"	RI = 0.75 x DBH	RI = 0.5'	not applicable	SP = 0.5'	TU = 1.17 x DBH
4" and greater	RI = 0.75 x DBH	RI = 0.5'	RI = 0.5'	SP = 0.5'	TU = 1.68 x DBH

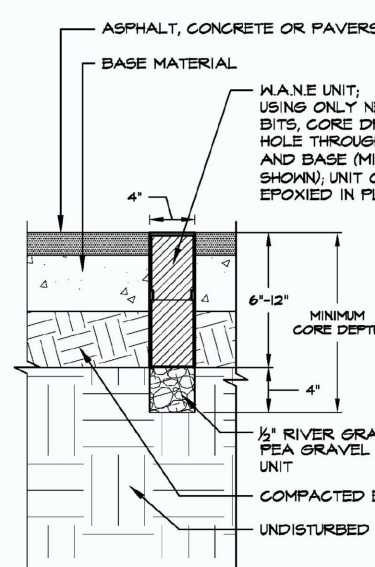
\*\* NO PLANE UNITS ARE REQUIRED IN LANDSCAPE AREAS



PLAN VIEW



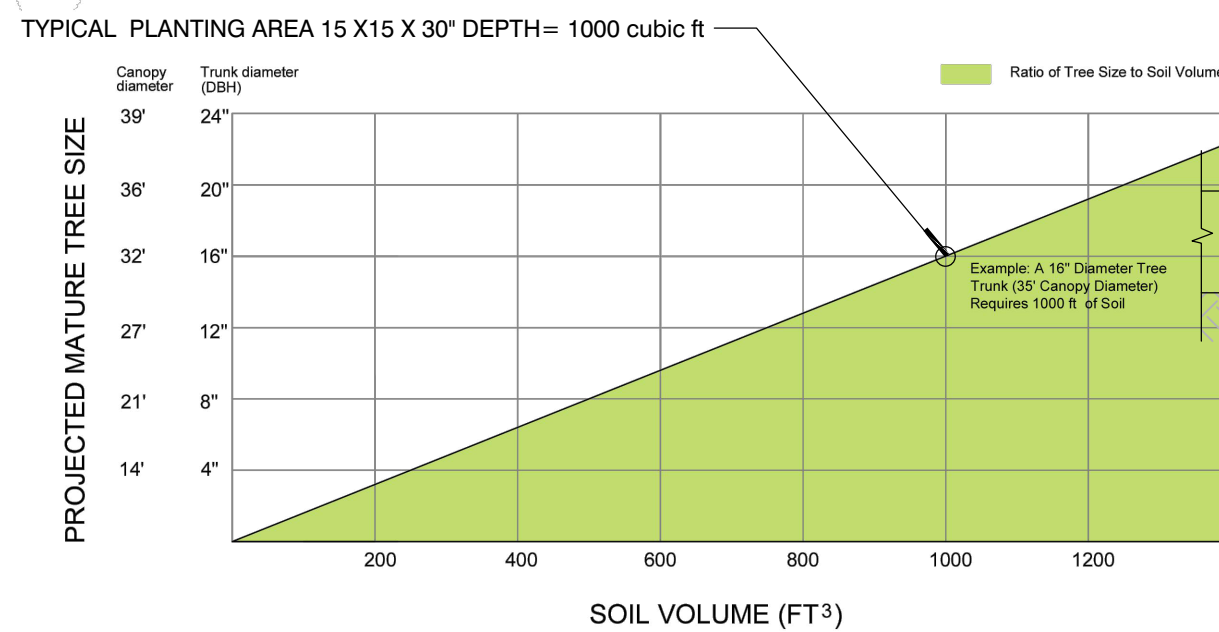
SECTION



WANE SYSTEM



## Required Tree to Soil Volume Ratio Graph

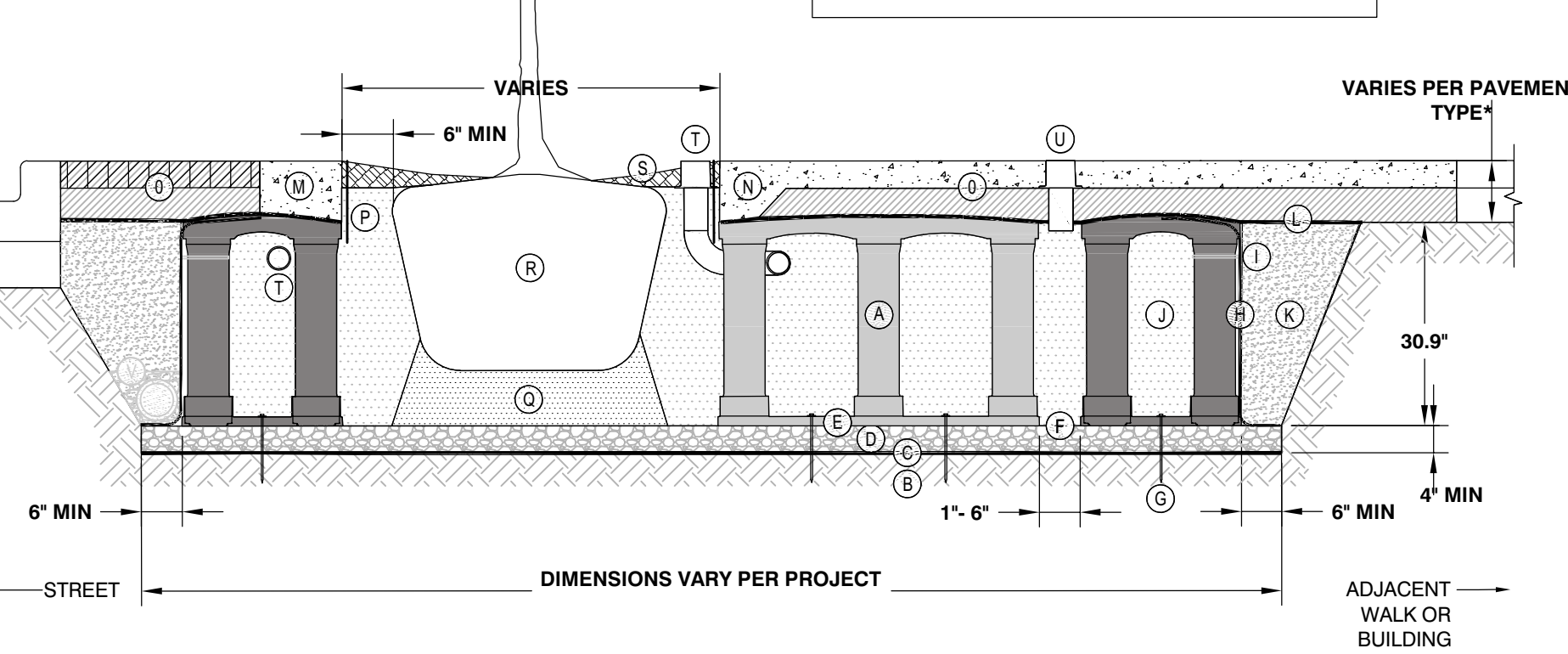


Soil volumes depicted in this chart are based on the amount of roots loam soil can support with optimum compaction for root growth.

- NOTES
- EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS
  - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
  - PROVIDE SUPPLEMENTAL IRRIGATION
  - DO NOT SCALE DRAWINGS

\*MINIMUM PAVEMENT PROFILE OPTIONS TO MEET H-20 LOADING

PAVEMENT	AGGREGATE BASE COURSE
4" CONCRETE	4" AGGREGATE
3" PAVEMENT	12" AGGREGATE
4.0" ASPHALT	12" AGGREGATE
2.6" PAVEMENT	5" CONCRETE



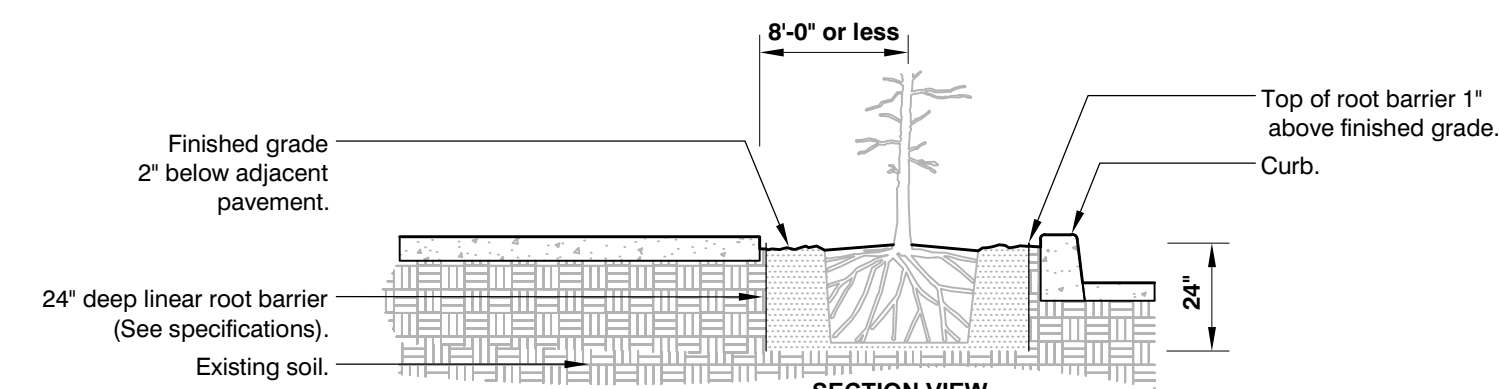
## KEY PLAN

- (A) SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
- (B) SUBGRADE, COMPACTED
- (C) GEOTEXTILE FABRIC, PLACED ABOVE SUBGRADE
- (D) 4" MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
- (E) SILVA CELL BASE SLOPE, 10% MAX
- (F) 1" TO 6" SPACING BETWEEN SILVA CELLS AT BASE
- (G) ANCHORING SPIKES, CONTACT DEEPROOT FOR ALTERNATIVE
- (H) GEOGRID, WRAPPED AROUND PERIMETER OF SYSTEM, WITH 6" TOE (OUTWARD FROM BASE) AND 12" EXCESS (OVER TOP OF DECK)
- (I) CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER LEG FLARE, AS NEEDED
- (J) PLANTING SOIL, PER PROJECT SPECIFICATIONS, PLACED IN LIFTS AND WALK-IN COMPACTED TO 75-85% PROCTOR
- (K) COMPACTED BACKFILL, PER PROJECT SPECIFICATIONS
- (L) GEOTEXTILE FABRIC TO EDGE OF EXCAVATION
- (M) RIBBON CURB AT TREE OPENING (TO BE USED WITH PAVERS OR ASPHALT)
- (N) THICKENED EDGE AT TREE OPENING (TO BE USED WITH CONCRETE)
- (O) PAVEMENT AND AGGREGATE BASE PER PROJECT \*
- (P) DEEPROOT ROOT BARRIER, 12" OR 18" DEPTH DETERMINED BY THICKNESS OF PAVEMENT SECTION, INSTALL DIRECTLY ADJACENT TO CONCRETE EDGE RESTRAINT
- (Q) PLANTING SOIL BELOW ROOT BALL, COMPACTED WELL TO PREVENT SETTLING
- (R) ROOT BALL
- (S) TREE OPENING TREATMENT, PER PROJECT SPECIFICATIONS
- (T) DEEPROOT WATER AND AIR VENT, ROOTBALL OR WANE SYSTEM
- (U) DEEPROOT WATER AND AIR VENT OR WANE SYSTEM
- (V) UNDERDRAIN SYSTEM, WHEN REQUIRED (LOCATION AND DETAILS BY OTHERS)

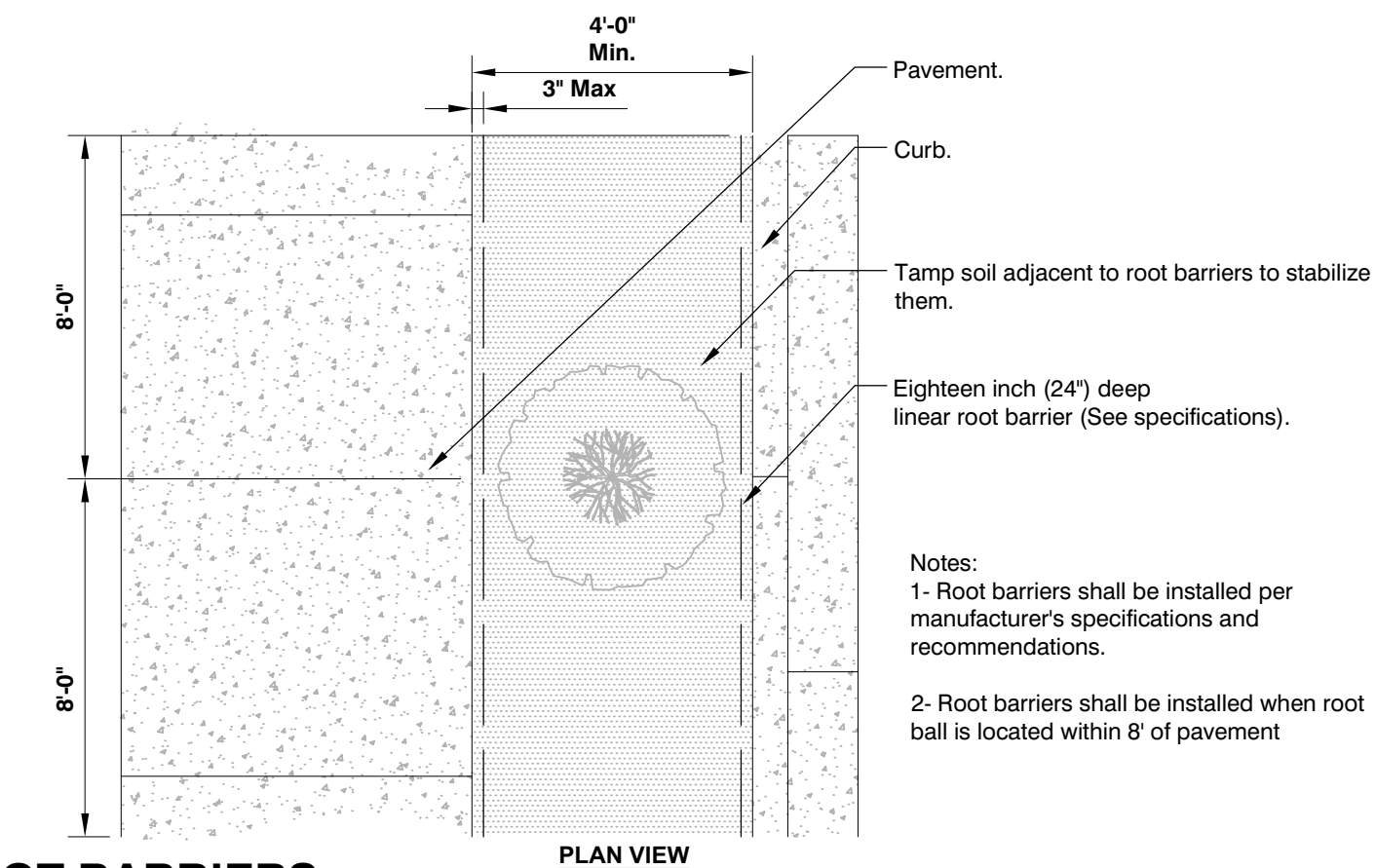
P-CO-BRL-13

## 7 SILVA CELL 2X

1/2" = 1'-0"



SECTION VIEW

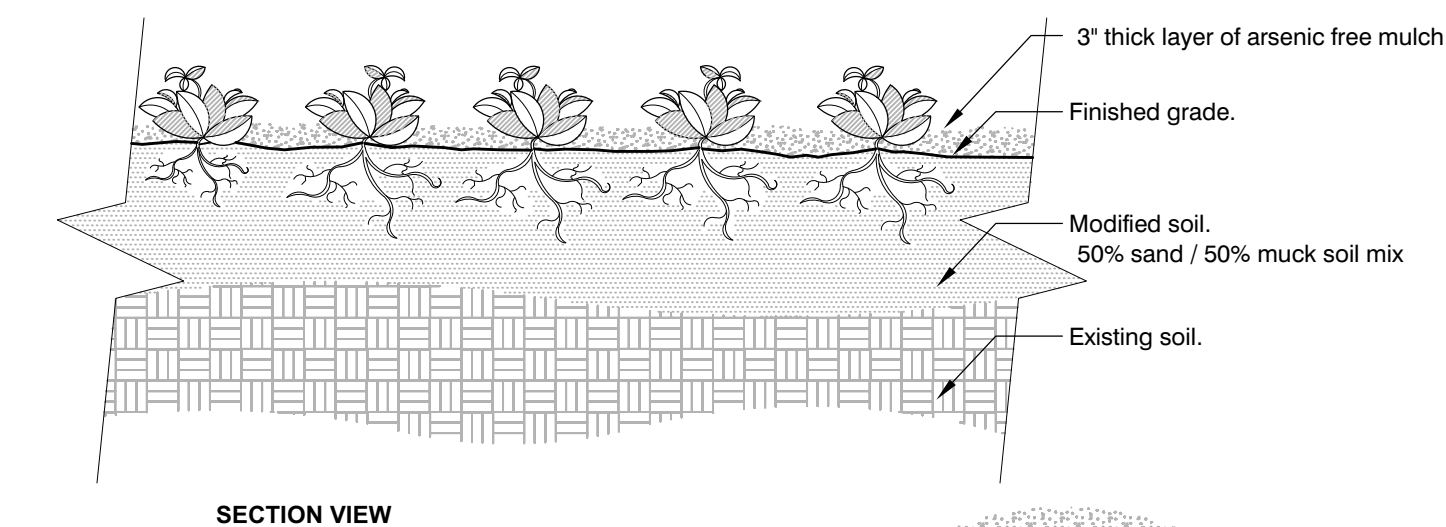


PLAN VIEW

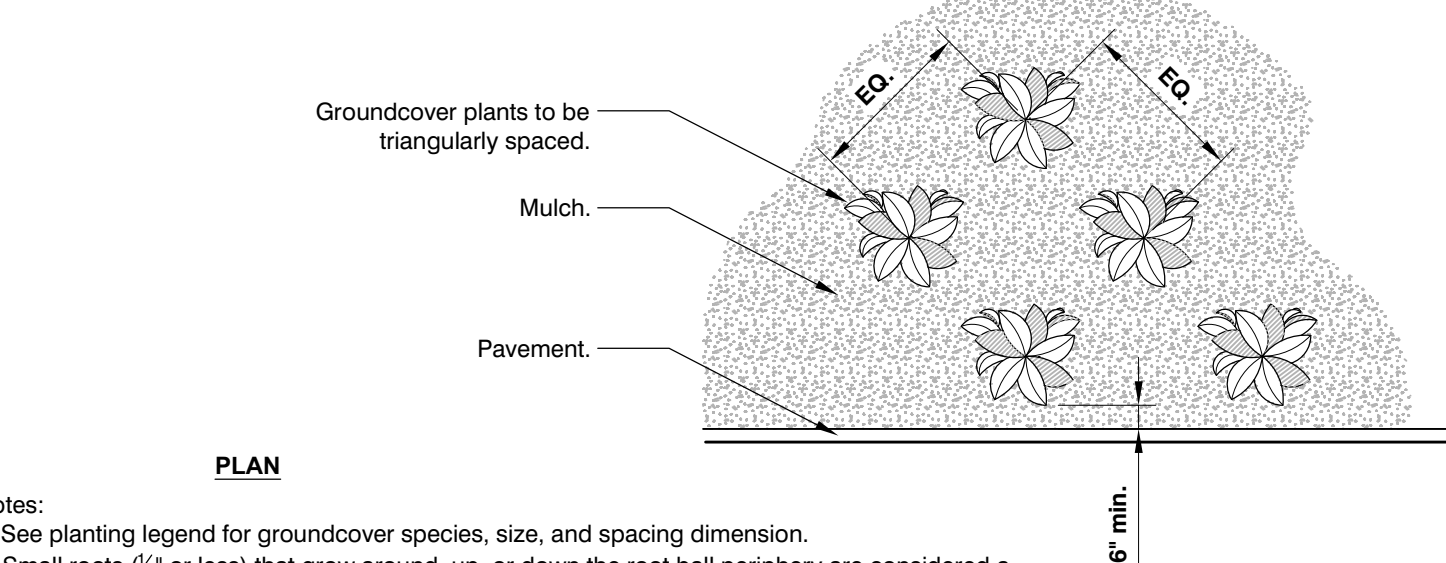
## 3 24" ROOT BARRIERS

3/8" = 1'-0"

P-CO-BRL-12



SECTION VIEW



PLAN

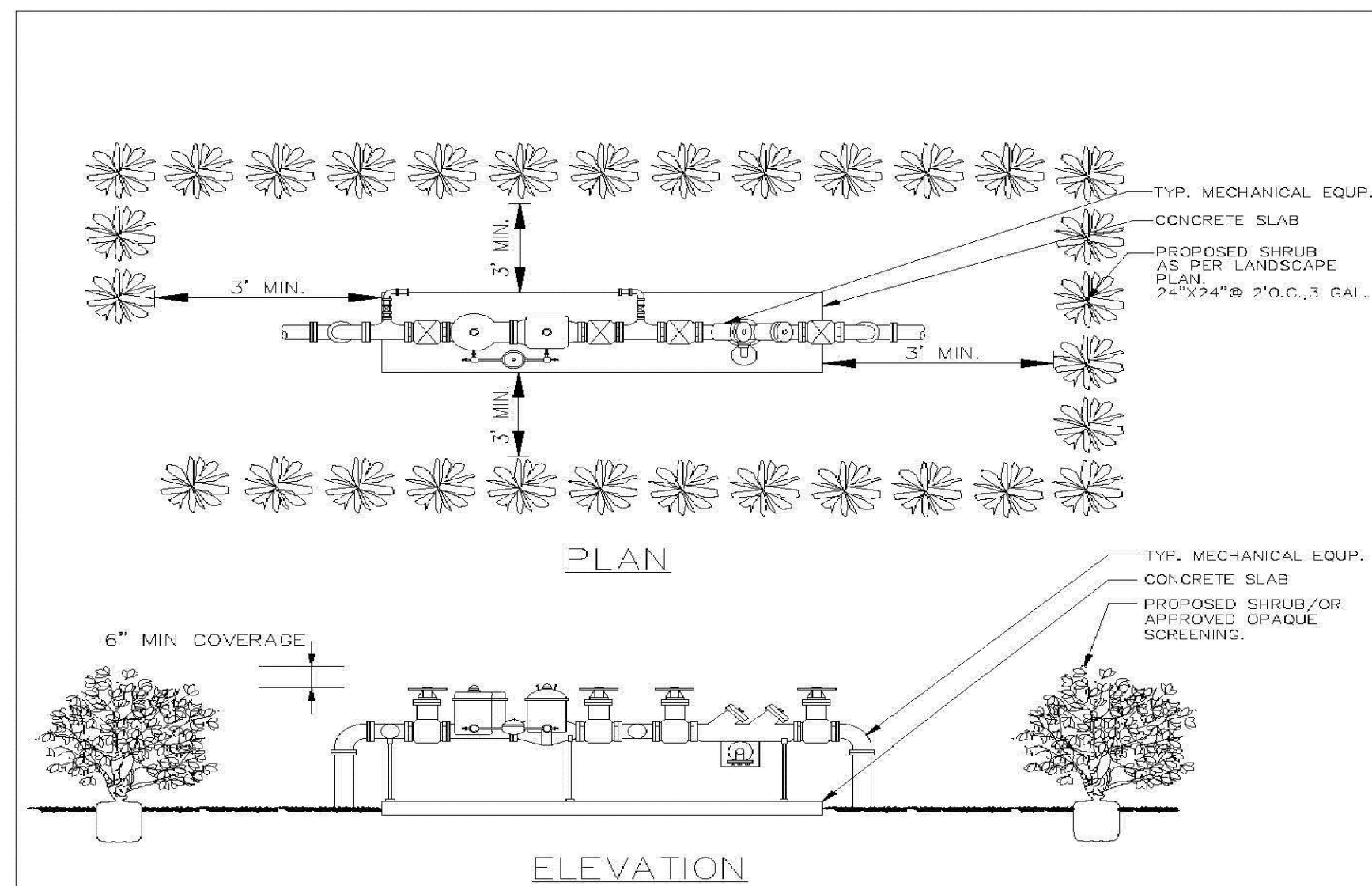
- Notes:
- See planting legend for groundcover species, size, and spacing dimension.
  - Small roots (1/4" or less) that grow around, up, or down the root ball periphery are considered a normal condition in container production and are acceptable however they should be eliminated at the time of planting. Roots on the periphery can be removed at the time of planting.
  - Settle soil around root ball of each groundcover prior to mulching.

## 2 GROUNDCOVER

3/4" = 1'-0"

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FX-PL-FX-GROU-01



PLAN

ELEVATION

## TYPICAL SCREEN FOR UTILITIES

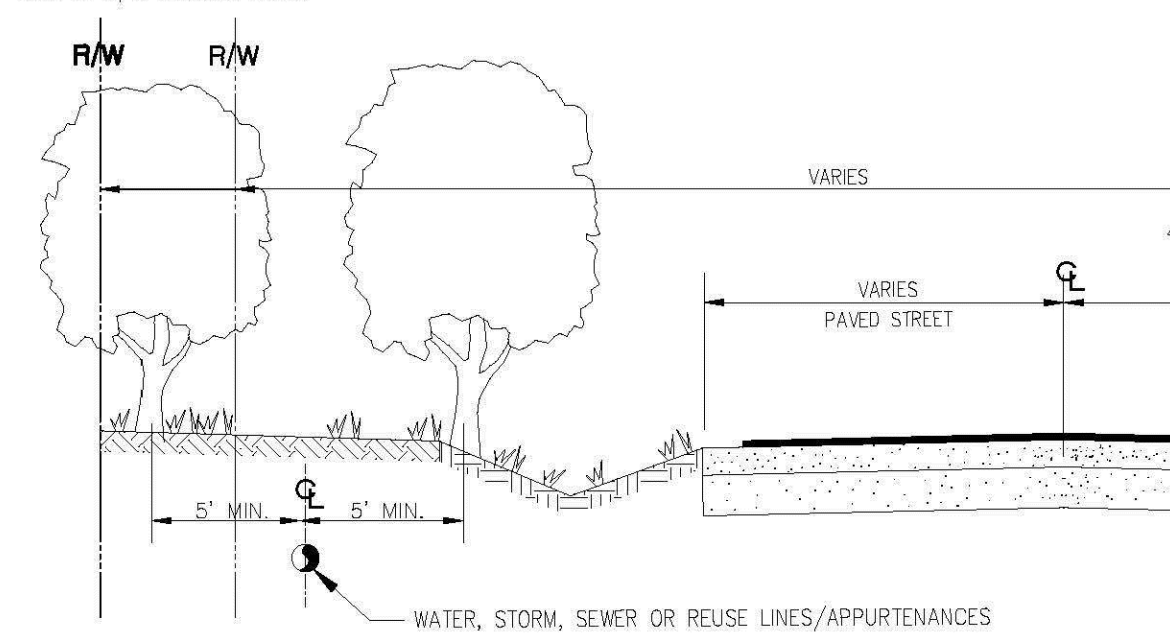
## NOTES

PLEASE NOTE THAT AS PER CITY ORDINANCE(S) 50.02(A) (4) AND 100.35(E), STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' OF EITHER SIDE OF ANY CITY OWNED UTILITY INFRASTRUCTURE. ALSO, PLEASE NOTE THAT NO TREES SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY OWNED LATERAL CLEANOUT OR WATER & OR REUSE METER.

## ENGINEERING STANDARDS 2022

REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	TYPICAL SCREEN FOR UTILITIES	
BY	DATE		APPROVED BY:	DATE: MAY 2022 DWG. NO. 315-1
TCW	APRIL 2010			
SCALE: N.T.S.				

EDGE OF R/W LOCATION VARIES

TREE LOCATIONS REQUIRED IN PUBLIC R/W  
ON UTILITY EASEMENTS

## NOTES

PLEASE NOTE THAT AS PER CITY ORDINANCE(S) 50.02(A) (4) AND 100.35(E), STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' OF EITHER SIDE OF ANY CITY OWNED UTILITY INFRASTRUCTURE. ALSO, PLEASE NOTE THAT NO TREES SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY OWNED LATERAL CLEANOUT OR WATER & OR REUSE METER.

## ENGINEERING STANDARDS 2022

REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	REQUIRED TREE LOCATIONS	
BY	DATE		APPROVED BY:	DATE: <u>MAY 2022</u> DWG. NO. <b>316-1</b>
		SCALE: N.T.S.		

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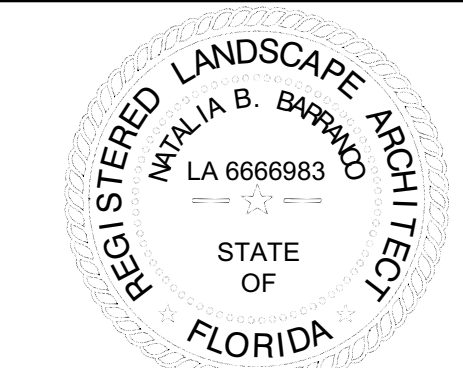
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## REVISIONS

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DATE: 1.31.2024 COMM: 23008

## POMPAÑO HOTEL

101 S. OCEAN BLVD  
POMPAÑO BEACH, FL 33062

## LANDSCAPE DETAILS

DRC SET

## L-3.0