

NOTES:

1. ALLOWABLE TREE SIZE AT MATURITY IS 30 FEET IN HEIGHT
2. STRUCTURAL SOIL MAY BE CU-STRUCTURAL SOIL™ OR STALITE (FOR SANDY SOILS). TRADITIONAL CRUSHED LIMESTONE IS NOT PERMITTED FOR USE IN PARKING LOT ISLANDS THAT HAVE TREES PLANTED.
3. CU-STRUCTURAL SOIL SHALL BE OBTAINED FROM A LICENSED PRODUCER SUCH AS MIDWEST TRADING.
4. TREE SPECIES SHOULD BE CHOSEN THAT PREFER WELL DRAINED SOIL AND BE SUITABLE FOR THE EXPECTED pH OF THE CU-SOIL PROVIDED.
5. INITIAL WATERING SHOULD BE AT A RATE OF 20 GALLONS PER TREE, EVERY 5-7 DAYS.
6. SEE SHEET 2 FOR PLAN VIEW AND QUANTITIES.

## PARKING ISLAND TREE PLANTING DETAIL



### DATE

4-30-20

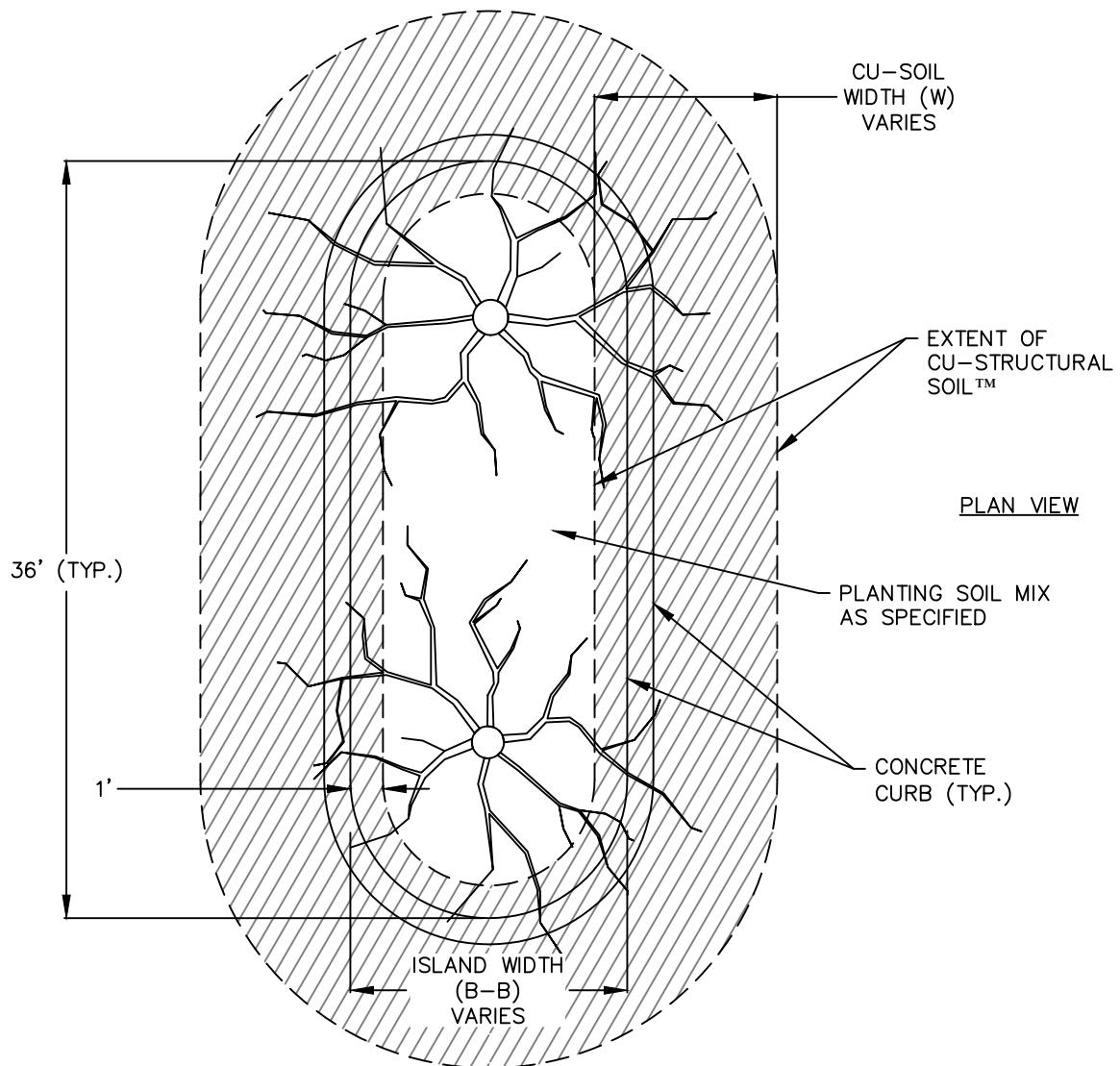
5-1-23

### REVISIONS

New Detail

Revised Callouts

STANDARD DETAIL  
G-8 (02)



#### GENERAL

APPROXIMATE SOIL VOLUMES NEEDED:

2 CUBIC-FEET OF PLANTING SOIL FOR  
EVERY SQUARE-FOOT OF AREA  
ENCOMPASSED BY THE EXPECTED DRIP LINE  
AT TREE'S MATURITY (CROWN PROJECTION)

#### EXAMPLE

GIVEN TWO MATURE TREES WITH A HEIGHT OF LESS THAN 30 FT. AND  
A CROWN PROJECTION OF 20 FT IN A 5 FT. WIDE, 36 FT. LONG ISLAND:

CALCULATED AREA FOR TREE = 628 S.F.

SOIL VOLUME NEEDED AT 24" DEPTH	=	1260 C.F.
OF WHICH PLANTING SOIL MIX VOLUME NEEDED	=	300 C.F.
AND CU-SOIL™ NEEDED	=	960 C.F.

IF ISLAND IS WIDER THAN EXAMPLE ABOVE:

B-B	TOTAL SOIL VOLUME	PLANTING SOIL MIX VOLUME	CU-SOIL™ VOLUME	CU-SOIL™ WIDTH (W)
7.5 FT.	1260 C.F.	560 C.F.	700 C.F.	3.5 FT.
10.0 FT.	1260 C.F.	820 C.F.	440 C.F.	2 FT.

## PARKING ISLAND TREE PLANTING DETAIL



DATE	REVISIONS
4-30-20	New Detail

STANDARD DETAIL  
G-8 (01)