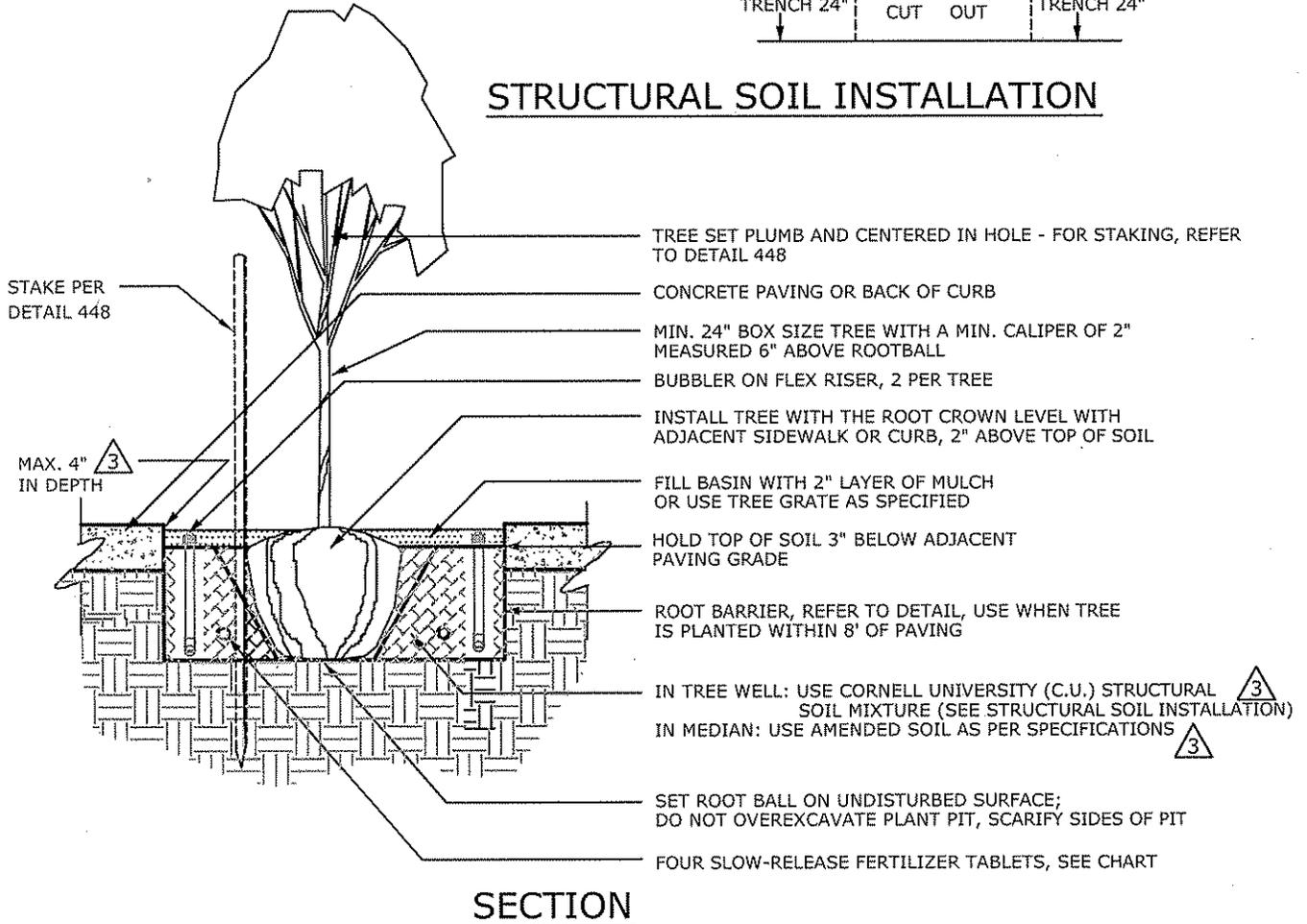


STRUCTURAL SOIL INSTALLATION



SECTION

Notes:

1. TREES SHALL NOT BE ROOT-BOUND. CAREFULLY SCARIFY ROOTBALL BEFORE PLANTING, IF DIRECTED.
2. REMOVE ANY SPROUTS/SHOOTS WITHIN 6" OF SOIL.
3. CONFIRM POSITIVE DRAINAGE OF PLANT PIT PRIOR TO PLANTING TREE. INSTALL DRAIN AS PER TREETWELL DETAIL 448. DRAINAGE RATE OF ALL MATERIALS, INCLUDING MULCH, SHOULD BE NO LESS THAN 1/4" PER HOUR AND NOT EXCEED 2" PER HOUR.
4. WHEN TREE GRATES ARE USED, LOWER ALL FEATURES SHOWN WITHIN THE TREE PIT BY 3".

NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING

**STREET TREE PLANTING AT
TREE WELLS & MEDIANS**

NO. 448

REVISION	DATE
①	1991
②	2001
③	2010

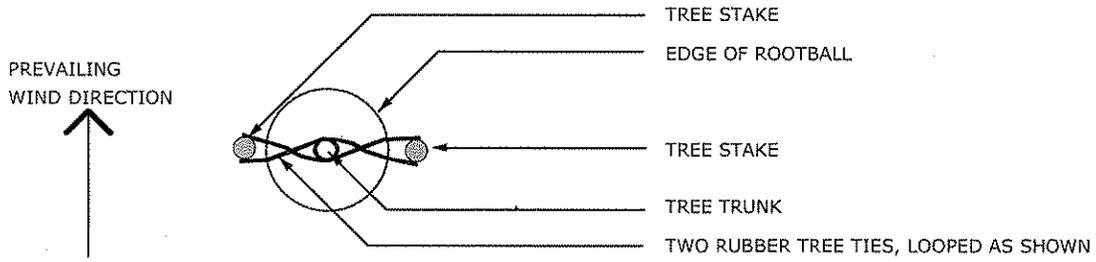
APPROVED BY:

③

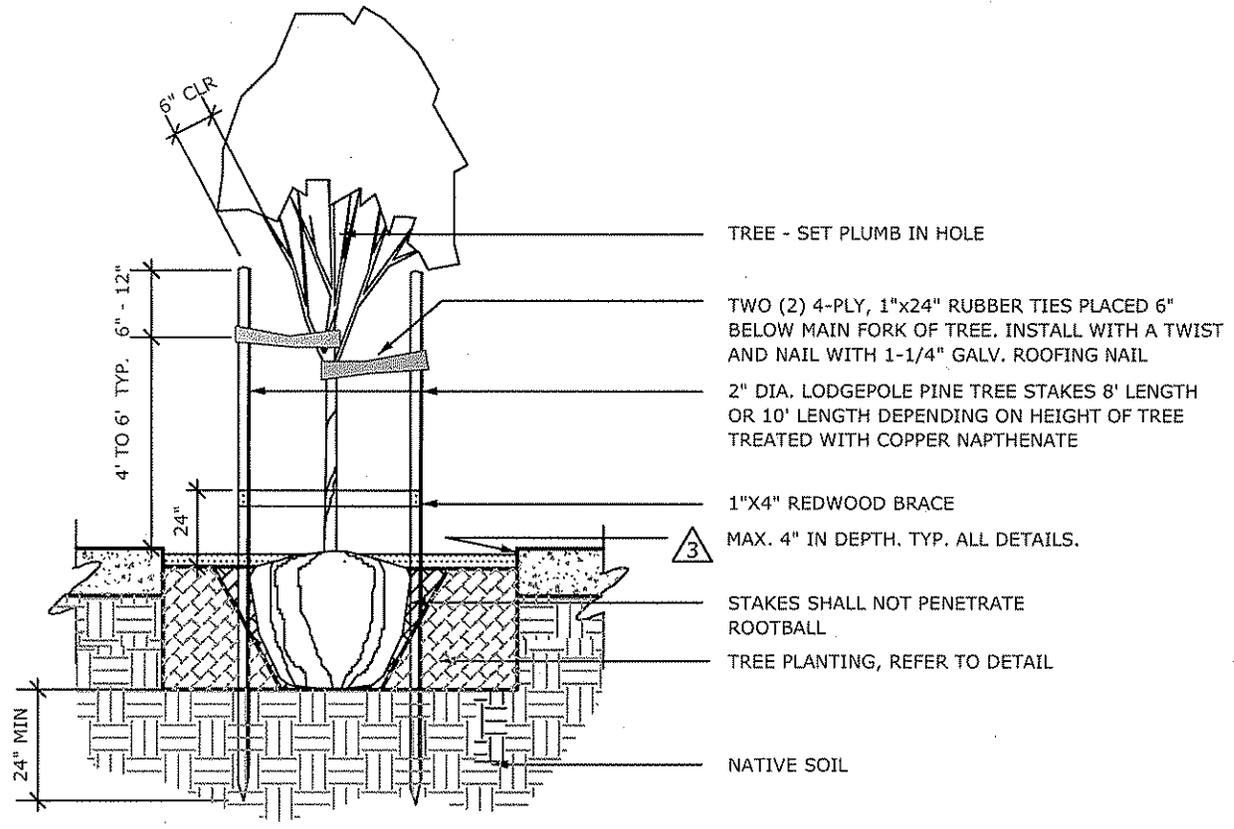
PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283

DATE : 6/15/10

SHEET 1 OF 5



SECTION



SECTION

Notes:

- 1. PROVIDE TWO STAKES AND TIES AS SHOWN.

NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING
NO. 448

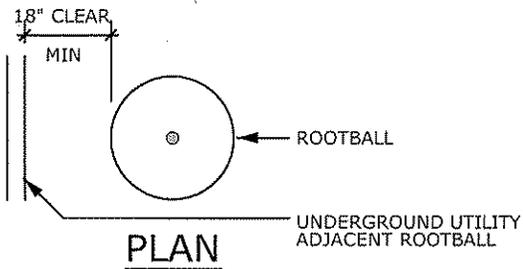
TREE STAKING

DATE : 6/15/10

REVISION	DATE
1	1991
2	2001
3	2010

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PUBLIC WORKS DIRECTOR / CITY ENGINEER PCE No. 40283

SHEET 2 OF 5

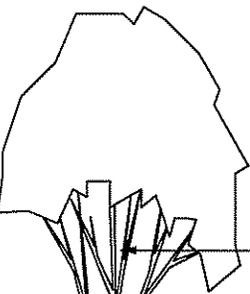


FERTILIZER TABLET CHART:
TREE SIZE OR CALIPER

5 GALLON
15 GALLON
24" BOX, 2" CALIPER
30" BOX, 2 1/2" CALIPER
36" BOX, 3" CALIPER
48" BOX, 4" CALIPER
60" BOX, 5" CALIPER

NUMBER OF FERTILIZER TABLETS
(SPACED EVENLY AROUND TREE)

2
2
4
4
6
6
8



- TREE SET PLUMB AND CENTERED IN HOLE - FOR STAKING, REFER TO DETAIL 448
- 3" HIGH DIA. WATERING BASIN AROUND TREE, DIA. = 15" LARGER THAN CONTAINER SIZE MEASURED ON THE DIAGONAL
- MIN. 24" BOX SIZE TREE WITH A MIN. CALIPER OF 2" MEASURED 6" ABOVE ROOTBALL
- BUBBLER ON FLEX RISER, 2 PER TREE 3
- INSTALL TREE WITH THE ROOT CROWN 3" ABOVE TOP SOIL AND ADJACENT FINISH GRADE
- FILL BASIN WITH 2" LAYER OF MULCH
- HOLD TOP OF SOIL LEVEL WITH ADJACENT FINISH GRADE
- AMENDED SOIL AS PER SPECIFICATION 3
- SET ROOT BALL ON UNDISTURBED SURFACE; SCARIFY SIDES OF PIT WITH PICK, DO NOT OVEREXCAVATE PLANT PIT
- FOUR SLOW-RELEASE FERTILIZER TABLETS, SEE CHART ABOVE
- UNDERGROUND UTILITY LINE

SECTION

Notes:

1. TREES SHALL NOT BE ROOT-BOUND. CAREFULLY SCARIFY ROOTBALL BEFORE PLANTING, IF DIRECTED.
2. REMOVE ANY SPROUTS/SHOOTS WITHIN 6" OF SOIL.
3. CONFIRM POSITIVE DRAINAGE OF PLANT PIT PRIOR TO PLANTING TREE. INSTALL DRAIN AS PER TREETWELL DETAIL 448. DRAINAGE RATE OF ALL MATERIALS, INCLUDING MULCH, SHOULD BE NO LESS THAN 1/4" PER HOUR AND NOT EXCEED 2" PER HOUR.

NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING

**TREE PLANTING IN
PLANTER AREA**

NO. 448

REVISION

DATE

1

1991

2

2001

3

2010

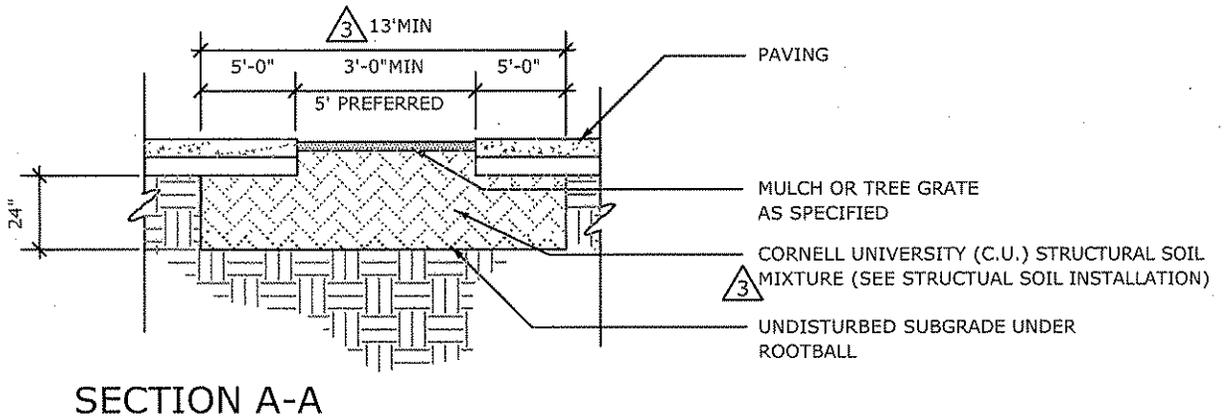
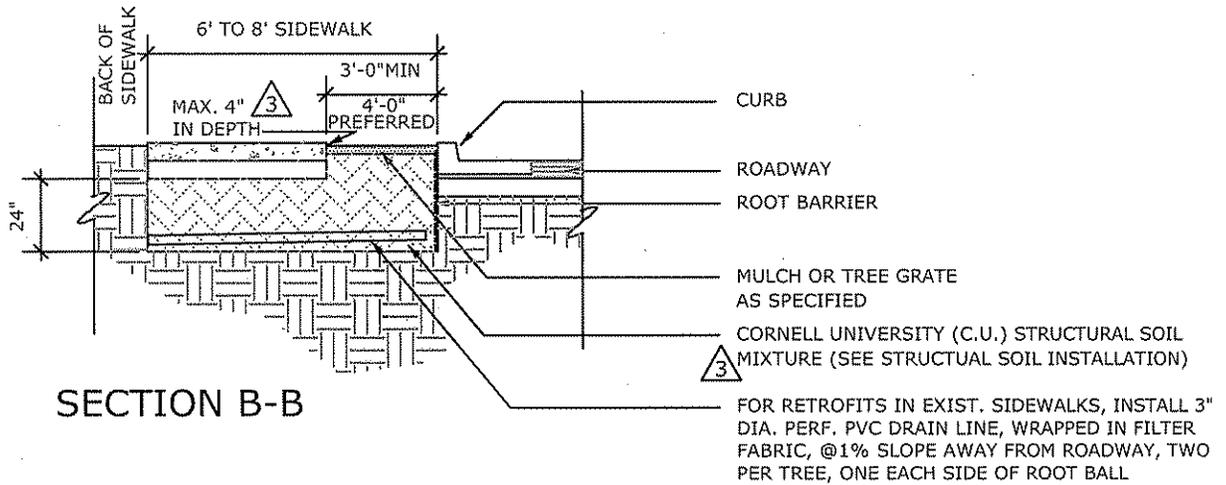
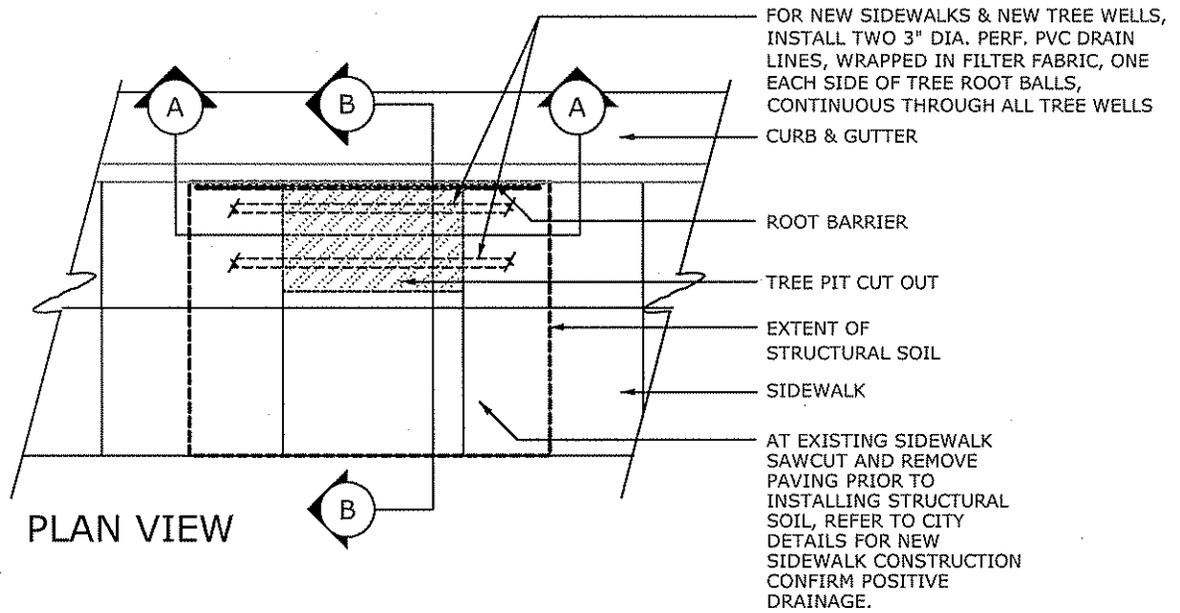
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3

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SHEET 3 OF 5



NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING

**STREET TREE PLANTING
IN TREE WELL**

NO. 448

REVISION

DATE

1

1991

2

2001

3

2010

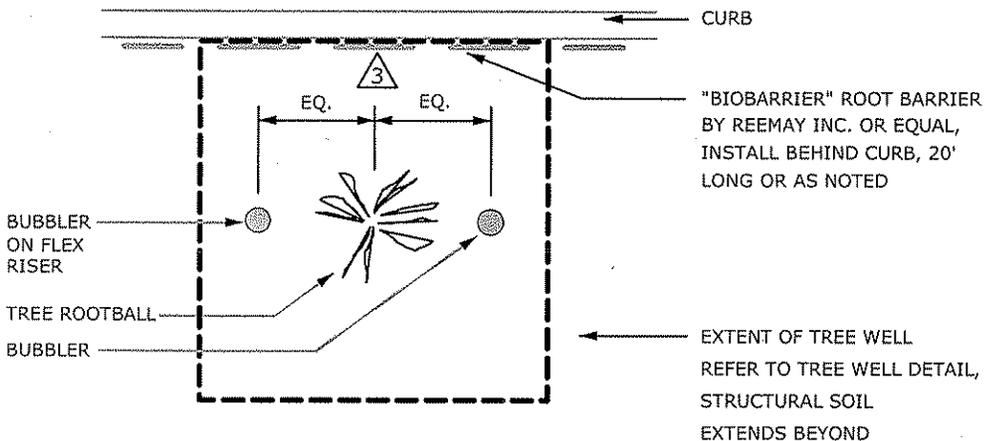
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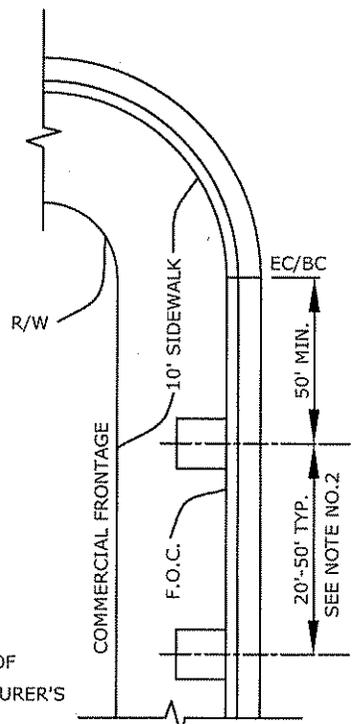
PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283

DATE : 6/15/10

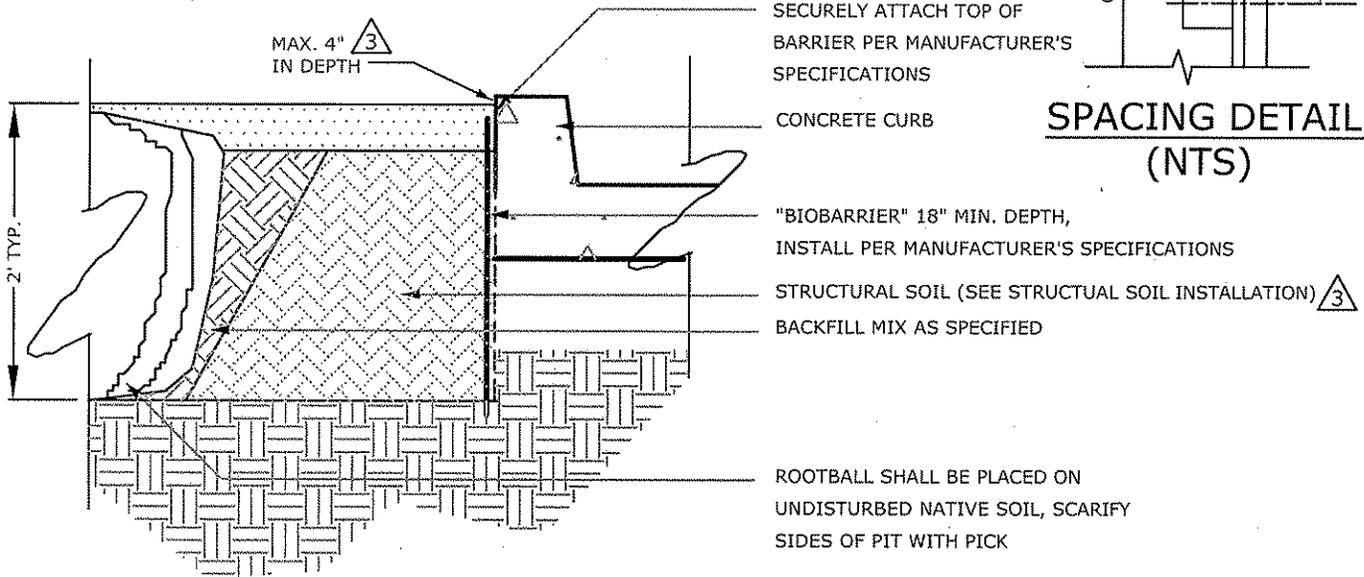
SHEET 4 OF 5



PLAN (NTS)



SPACING DETAIL (NTS)



SECTION (NTS)

Notes:

1. ROOT BARRIER IS REQUIRED WHEN THE CENTERLINE OF THE TREE IS WITHIN EIGHT FEET OF STREET CURB OR PAVING.
2. ONE STREET TREE SHALL BE PROVIDED PER RESIDENTIAL LOT PER STREET, OR AS SHOWN ON PLANS APPROVED BY THE CITY ENGINEER. SPACING WILL VARY DEPENDING ON TREE SPECIES, IN GENERAL, THE SPACING SHALL BE EQUAL TO THE MATURE CANOPY DIAMETER.

NOT TO SCALE

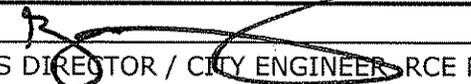
CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING
NO. 448

STREET TREE PLANTING

DATE : 6/15/10

REVISION	DATE
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APPROVED BY: 
PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283

SHEET 5 OF 5