

BARE-ROOT PREPARATION AND PLANTING

NOT TO SCALE

- 1. A PLANTING PERMIT IS REQUIRED TO PLANT ANY TREE IN A RIGHT OF WAY IN THE CITY OF ROCHESTER
- 2. ALL PLANTS MUST MEET THE THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60)
- 3. IDENTIFY 1ST MAIN ROOT. SET AT GRADE. DIG HOLE ONLY DEEP ENOUGH TO ALLOW FOR UNDISTURBED SOIL DIRECTLY BENEATH TREE ROOTS TO MINIMIZE CHANCE OF SETTLING AND BACKFILL
- 4. WATER THOROUGHLY TO SETTLE ANY AIR POCKETS AND ADD SOIL IF SINK HOLES DEVELOP
- 5. ROOT FLARE AND TOP OF 1ST MAIN ROOT MUST BE VISIBLE WHEN BACK FILLING IS COMPLETE
- 6. EACH TREE REQUIRES A MINIMUM 800 CUBIC FEET OF NON-COMPACTED LOAM SOILS

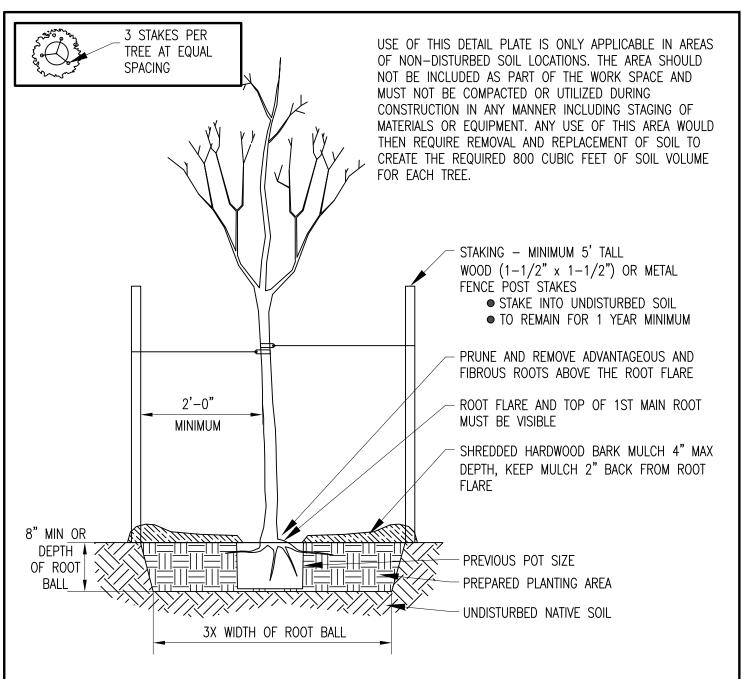
- 1. DO NOT ALLOW ROOTS TO DRY OUT
- 2. DO NOT BRING TREES TO THE SITE UNLESS THEY WILL BE IMMEDIATELY PLANTED
- 3. KEEP PLANTS MOIST, COOL AND OUT OF DIRECT SUNLIGHT BEFORE PLANTING PREVENT EXPOSURE OF ROOTS TO NO MORE THAN 5 MINUTES

DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA
PEE PLANTING DETA

TREE PLANTING DETAIL
TYPE 1

PARKS & REC DIRECTOR

SHT | OF 3 SHTS | DATE REVISED | PLATE NO. | REV. |
3/23/18 | 5-01 | A



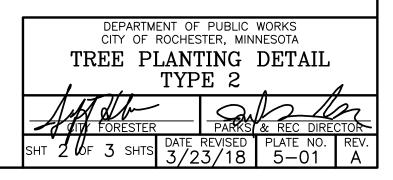
POTTED TREE ROOT BALL PREPARATION AND PLANTING

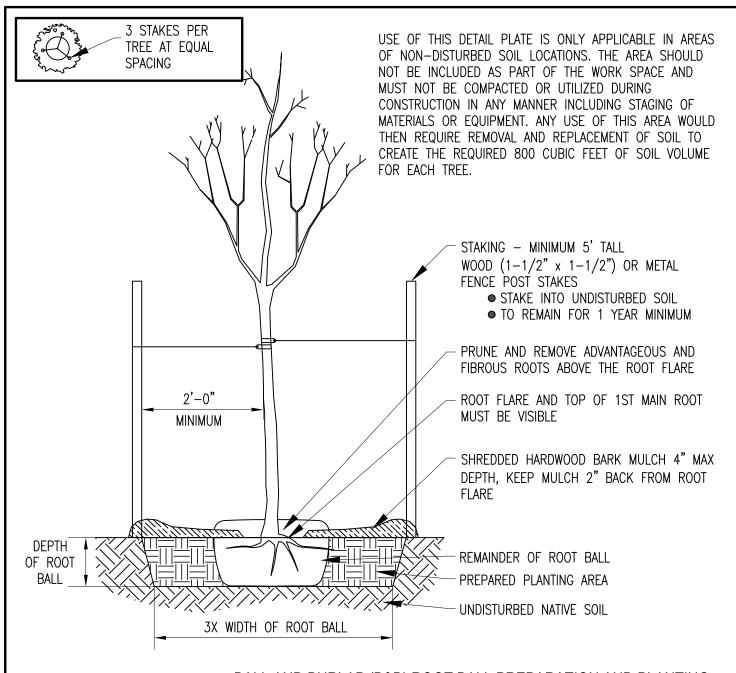
NOT TO SCALE

- 1. A PLANTING PERMIT IS REQUIRED TO PLANT ANY TREE IN A RIGHT OF WAY IN THE CITY OF ROCHESTER
- 2. ALL PLANTS MUST MEET THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60)
- 3. IDENTIFY 1ST MAIN ROOT. SET AT GRADE. DIG HOLE ONLY DEEP ENOUGH TO ALLOW FOR UNDISTURBED SOIL DIRECTLY BENEATH TREE ROOTS TO MINIMIZE CHANCE OF SETTLING AND BACKFILL
- 4. WATER THOROUGHLY TO SETTLE ANY AIR POCKETS AND ADD SOIL IF SINK HOLES DEVELOP
- 5. ROOT FLARE AND TOP OF 1ST MAIN ROOT MUST BE VISIBLE WHEN BACK FILLING IS COMPLETE
- 6. EACH TREE REQUIRES A MINIMUM 800 CUBIC FEET OF NON-COMPACTED LOAM SOILS

1. IDENTIFY 1ST MAIN ROOT AND REMOVE ALL SOIL AND ASSOCIATED ROOT MASS ABOVE IT. "BOX CUT" THE ROOT BALL BY USING A SAW TO CUT 4 FLAT SIDES REMOVING OUTER 1" OF SOIL AND ROOTS. MEASURE THE DEPTH OF THE ROOT BALL AND DIG HOLE TO THIS DEPTH.

2. IF TREES ARE BROUGHT TO THE SITE EARLY ENSURE THAT POTS ARE STORED IN A SHADED AREA AND ADEQUATELY WATERED BEFORE PLANTING



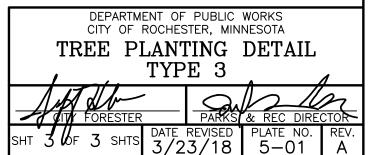


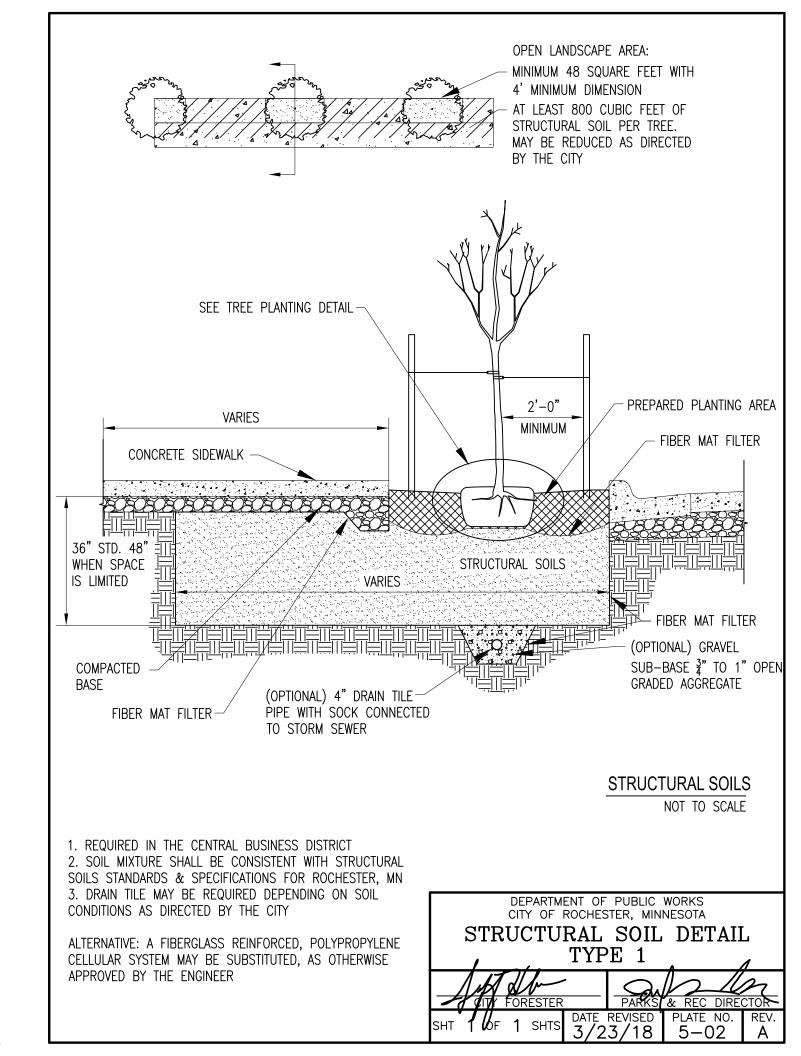
BALL AND BURLAP (B&B) ROOT BALL PREPARATION AND PLANTING

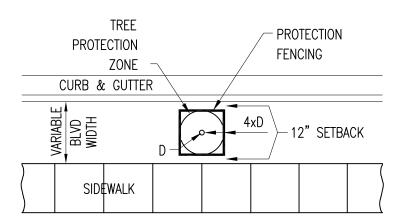
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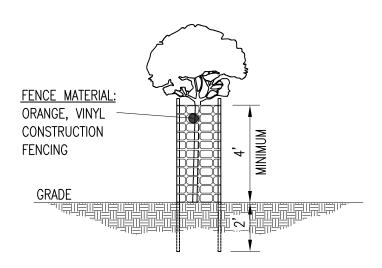
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- 1. REMOVE TOP $\frac{1}{3}$ OF PACKAGING TO FIND THE 1ST MAIN ROOT AND REMOVE ALL SOIL FROM ROOT BALL ABOVE IT. DIG HOLE TO DEPTH OF REMAINING ROOT BALL DEPTH AND PLACE THE TREE IN THE HOLE. REMOVE ALL REMAINING PACKAGING AND BACKFILL WITHOUT COMPACTING THE SOIL
- 2. IF TREES ARE BROUGHT TO THE SITE EARLY ENSURE THAT TREES ARE STORED IN A SHADED AREA AND ADEQUATELY WATERED BEFORE PLANTING









DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA

TREE PROTECTION ZONE

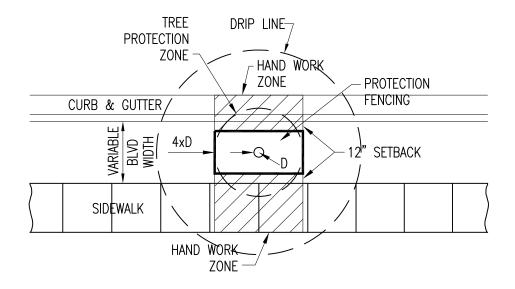
TYPE 1

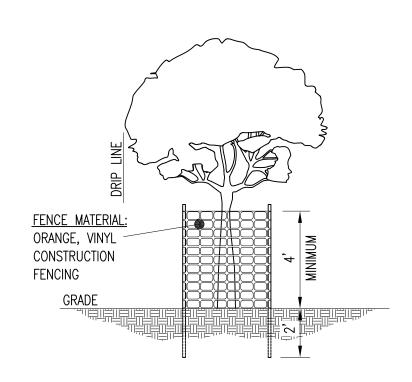
PARKS & REC DIRECTOR

SHT 1 OF 4 SHTS

DATE REVISED 3/23/18

PLATE NO. 5-03





HAND WORK ZONE — ALL WORK IN THIS ZONE SHALL BE COMPLETED WITHOUT THE USE OF HEAVY EQUIPMENT, AND WITH HAND OPERATED TOOLS ONLY.

DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA

TREE PROTECTION ZONE

TYPE 2

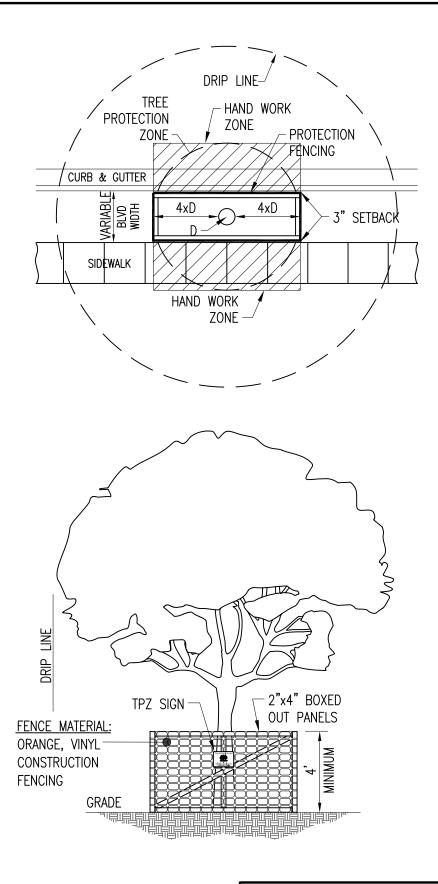
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CONTRACTOR IS TO AVOID EQUIPMENT IN THE DRIP LINE ZONE FOR LONG PERIODS AND MUST DIVERT EXHAUST.

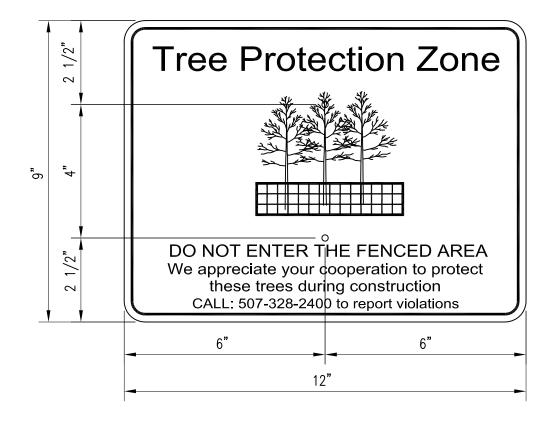
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DEPARTMENT OF PUBLIC WORKS CITY OF ROCHESTER, MINNESOTA

TREE PROTECTION ZONE
TYPE 3

PARKS & REC DIRECTOR PARKS AND PLATE NO. REV. 3/23/18 5-03 A

- 1. SIGN MATERIAL SHALL BE .063 5052 ALUMINUM HIGH INTENSITY SHEETING.
- 2. FABRICATE 12" x 9" SIGN WITH 0.75" RADIUS CORNERS.
- 3. SIGN SHALL BE WHITE WITH BLACK LETTERING.
- 4. ATTACH SIGN TO POST USING 1" LENGTH WOOD SCREWS.



DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA

TREE PROTECTION ZONE
SIGN

JULY FORESTER PARKS & REC DIRECT

SHT 4 6 F 4 SHTS

DATE REVISED 3/23/18

PLATE NO. 5-03