

THE PLANTING DEPTH OF EACH TREE WILL BE INSPECTED. ANY TREE PLANTED TOO DEEPLY OR WITH 1ST PRIMARY ROOTS BURIED WILL BE REJECTED.

1. ALL TREES TO BE PREMIUM QUALITY, NO "PARK GRADE" TREES ARE PERMITTED.
2. AFTER INSTALLATION, TRIM OUT DEADWOOD AND/OR DEFORMED TWIGS. DO NOT CUT LEADER.
3. AMENDED SOIL SHALL CONTAIN 5% ORGANIC MATTER BY VOLUME.
4. DIAMETER OF HOLE SHALL BE 1-2" LARGER THAN THE DIAMETER OF THE ROOTBALL OR ROOT MASS.
5. ORGANIC MATTER SHALL NOT BE BANKED AGAINST THE STEM OR TRUNK OF THE TREE.
6. TREE SHALL NOT BE STAKED UNLESS IT IS ABSOLUTELY NECESSARY TO DO SO.
7. ALL TAGS, BANDS, AND WIRES SHALL BE REMOVED FROM THE TREE IMMEDIATELY AFTER PLANTING.
8. THE TREE SHALL BE WATERED AS NECESSARY TO PREVENT WILTING AND PROMOTE GROWTH.
9. A PHOTO DEGRADABLE TREE TUBE OR EQUIVALENT SHALL BE INSTALLED AROUND ALL NEWLY PLANTED TREES.
10. PULL BURLAP AWAY FROM TREE STEM.
11. STAKES AND GUY WIRES MANDATORY ONLY FOR B&B TREES WITH 4" CALIPER OR GREATER, ALL WIND PRONE SITES AND ALL BARE ROOT TREES.
12. COORDINATE STAKING TO INSURE UNIFORM ORIENTATION OF GUY WIRES AND STAKES, IF NECESSARY.
13. REMOVE SOIL FROM TOP OF ROOT BALL TO EXPOSE TOP OF 1ST SET OF PRIMARY ROOTS. 1ST SET OF PRIMARY ROOTS ARE AT FINISHED GRADE.
14. AFTER SETTING ROOT BALL IN PIT, BACKFILL TO WITHIN 12" OF TOP OF ROOT BALL, AND WATER IN. CUT AND REMOVE TO BACKFILL LINE ALL TWINE AND/OR BURLAP. BACK FILL UNTIL PIT IS FULL. WATER AGAIN. PULL EXCESSIVE SOIL OFF THE TOP OF BRANCH ROOT SYSTEM. IF SOIL IN ROOT BALL IS THE CONSISTENCY OF OATMEAL DUE TO EXCESSIVE HANDLING, CONTRACTOR SHALL STAKE THE TREE.
15. SHREDDED HARDWOOD MULCH - 1-4" DEPTH, 5" DIAMETER. PULL AWAY FROM TRUNK OF TREE.
16. BACKFILL WITH 1/2 NATIVE SOILS AND 1/2 PLANTING SOIL. MIX THOROUGHLY. SEE SPEC.
17. GUY ASSEMBLY: 16" POLYPROPYLENE OR POLYETHYLENE(40 MIL) 1 1/2" WIDE STRIP - (TYP) DOUBLE STRAND 14 GA WIRE & 3 STEEL STAKES OR SIGN POSTS@ 120 DEGREE O.C.
18. GUY ASSEMBLY OPTIONAL BUT CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR MAINTAINING TREE IN A PLUMB POSITION FOR THE DURATION OF THE GUARANTEE PERIOD.

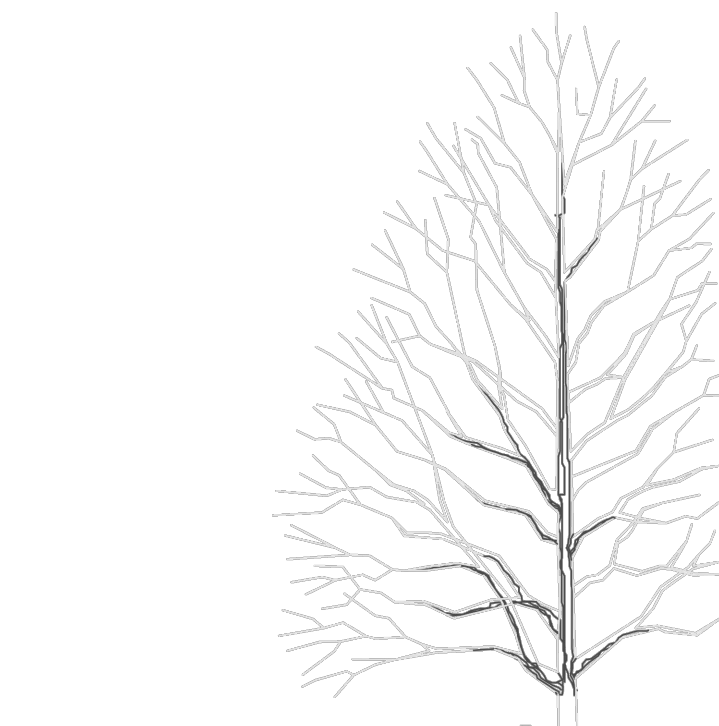
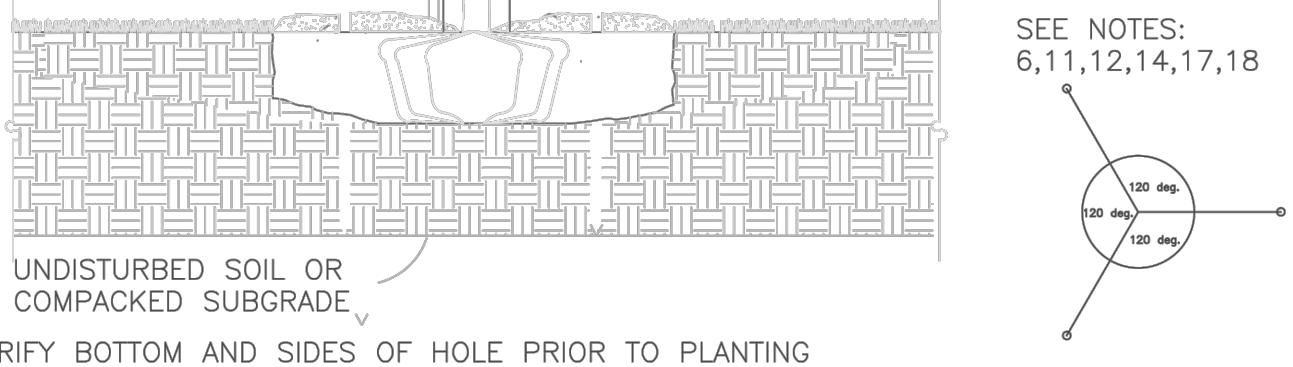
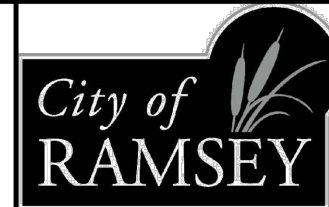


PHOTO DEGRADABLE TREE TUBE STURDY STAKE



APPROVED:  
5 - 1997



STANDARD DETAILS:  
TREE PLANTING  
CITY PLATE No. PARK-2

**PROPOSED CONIFEROUS TREES /QTY**

DENOTES BLACK HILLS SPRUCE (*PICEA GLAUCA DENSATA*) 4 EACH

**PROPOSED DECIDUOUS TREES /QTY**

DENOTES WHITE OAK (*QUERCUS ALBA*) 6 EACH

DENOTES AUTUMN BLAZE MAPLE (*ACER FREEMANII*) 6 EACH

**PLANTING REQUIREMENTS**

TREES:  
OVERSTORY DECIDUOUS TREES 1" DIAMETER MEASURED 6' FROM THE BASE AT PLANTING

CONIFEROUS TREES MUST HAVE A MINIMUM HEIGHT OF 6 FEET

- MINIMUM 25% DECIDUOUS AND CONIFEROUS

**LINE TYPE & SYMBOL LEGEND**

|  |                               |
|--|-------------------------------|
|  | FLARED END SECTION            |
|  | STORM SEWER                   |
|  | DENOTES SOIL BORING           |
|  | TREE REMOVED                  |
|  | TREE SAVED                    |
|  | WETLAND                       |
|  | TREE FENCE                    |
|  | SILT FENCE                    |
|  | PROPOSED CONTOUR              |
|  | EXIST CONTOUR                 |
|  | SETBACK                       |
|  | EASEMENT                      |
|  | LOT LINE                      |
|  | R/W                           |
|  | EDGE OF BITUMINOUS CENTERLINE |

TREE PROTECTION FENCE SHALL BE INSTALLED AND THE LOCATION APPROVED BY THE CITY BEFORE COMMENCEMENT OF OTHER WORK, INCLUDING SILT FENCE INSTALLATION.

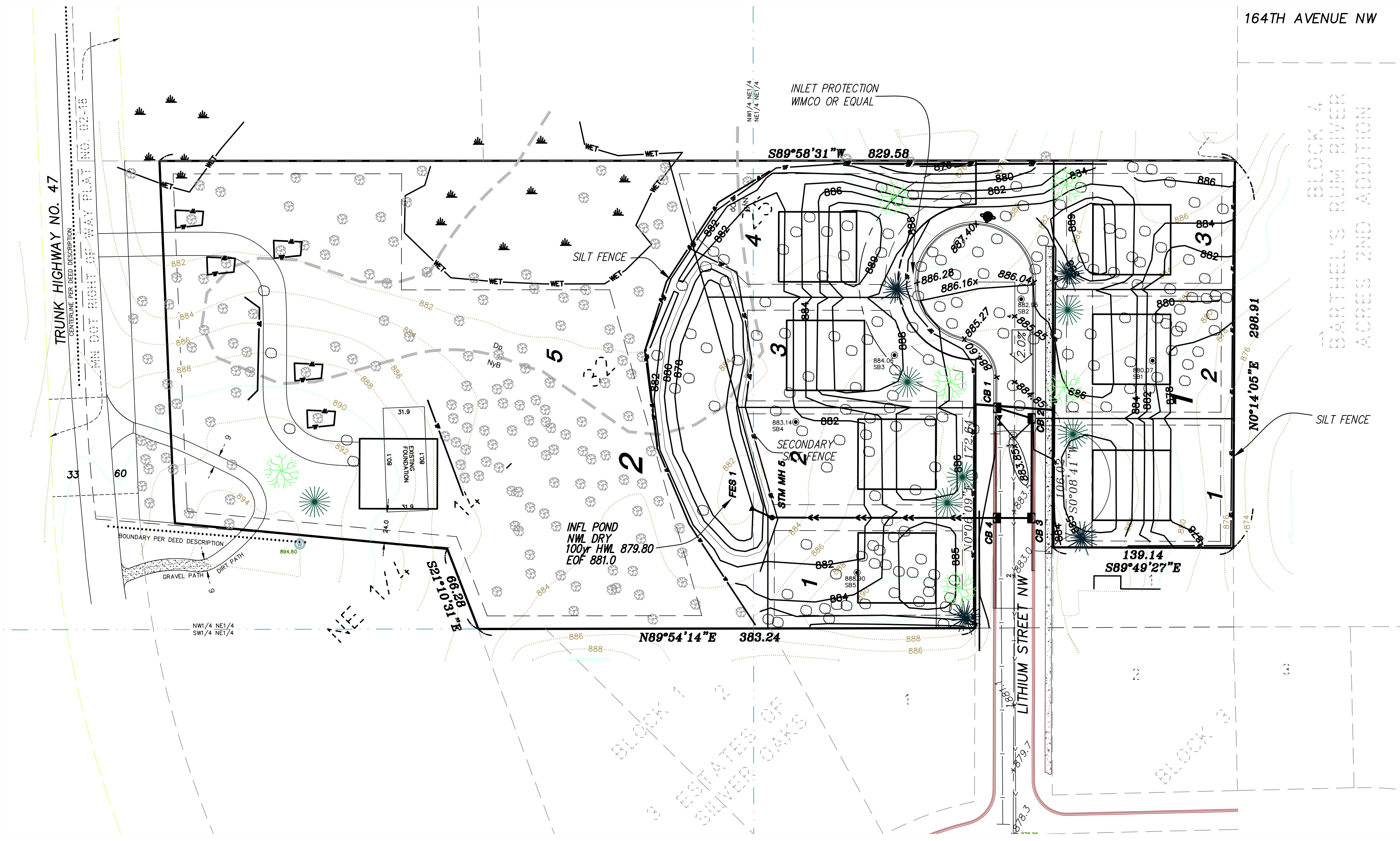
AN ARBORIST SHALL BE CONSULTED TO DEVELOP A PLAN TO PROTECT EXISTING OAK TREES FROM OAK WILT.

ANY CLEARING OF OAK TREES SHALL BE PERFORMED PRIOR TO APRIL 15TH OR AFTER JULY 15TH TO MINIMIZE EXPOSURE OR INTRODUCTION OF OAK WILT.

NOTE: STREETS TO BE SWEEPED DAILY OR AS DIRECTED BY THE CITY ENGINEER.

NOTE: NO ACTIVITY, OTHER THAN THE CONSTRUCTION OF, SHALL BE ALLOWED IN INFILTRATION POND AREAS.

NOTE: TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITY BY MEANS OF FENCING OR OTHER APPROVED METHOD. TREE FENCING TO BE PLACED BY HAND AND PRIOR TO SILT FENCE PLACEMENT.



| DATE | REVISIONS |
|------|-----------|
|      |           |
|      |           |
|      |           |

**ROSHELL ENGINEERING, LLC**  
6192 267 TH CT WYOMING, MN 55092  
PHONE: 763.286.0521

**SILVER OAKS 2ND ADDITION**  
LANDSCAPE PLAN  
RAMSEY, MINNESOTA

DATE: 5/4/2017  
REG. NO.: 242019  
BRENT ROSHELL

|        |          |         |         |          |
|--------|----------|---------|---------|----------|
| DATE   | SCALE    | PROJECT | CHECKED | APPROVED |
| 5/2/17 | AS SHOWN | RET-17  | BTR     | BTR      |

**L1**