

12. Expansion joint to be placed at 100' intervals.

13. All lumber to be pressure treated (Osmose 33 or equal) to 0.4 retention.

MATERIALS/IMPROVEMENTS, UTILITIES DAMAGED DURING CONSTRUCTION.

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55,

27

SHEET C3

Know what's below.

Call before you dig.

thick, and one diskette (AutoCAD format) of the site plans shall be submitted to the Office of Engineering.

and operated (with minimal impact to the surrounding area) to the satisfaction of the Township.

17. Onsite parking and sanitary facilities shall be provided for construction workers. The facilities shall be constructed



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SHEET

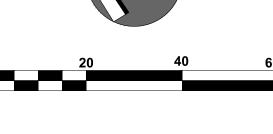
C5

PRELIMINARY NOT FOR CONSTRUCTION

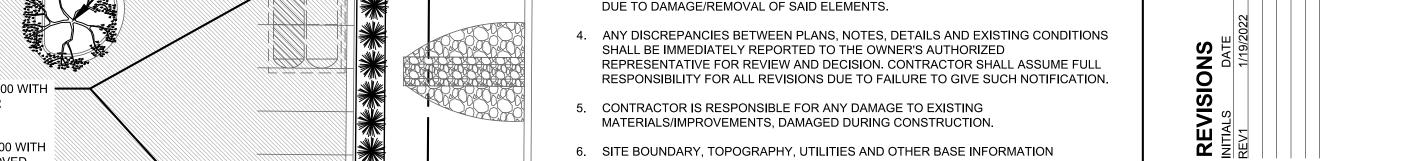
VIBURNUM CARLESII

KOREAN SPICE VIBURNUM

30" MIN. HT.



Know what's below. Call before you dig.



LANDSCAPE NOTES:

WETLAND AREAS.

- PROVIDED BY OTHERS.
- 7. CONTRACTOR SHALL VERIFY QUANTITIES SHOWN ON PLANT SCHEDULES AND THOSE INDICATED ON PLANS. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF QUANTITIES DRAWN.

1. INSTALL 3" X 12 GA. EDGING TO SEPARATE LAWN FROM PLANTING BED. (AROUND

2. INSTALL 3" DEEP SHREDDED BARK MULCH TO ALL PLANTING AREAS / BEDS /

3. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES, AS WELL AS THE LOCATION OF EXISTING TREES AND VEGETATION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COST INCURRED

- 8. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO PLANT MATERIAL LOCATIONS IN FIELD, AS NECESSARY. THE LOCATION OF ALL PLANT MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- 9. ALL PLANT MATERIAL SHALL BE OF THE SIZES CALLED FOR IN THE PLANT SCHEDULES. ANY PLANT MATERIAL NOT MEETING THE SIZED AND/OR QUALITY AS CALLED FOR SHALL BE REMOVED FROM SITE. ALL TREES SHALL BE INSPECTED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE. NO SUBSTITUTIONS OF PLANT MATERIAL SHALL BE MADE WITHOUT APPROVAL FROM THE OWNER'S AUTHORIZED REPRESENTATIVE.
- 10. CONTRACTOR SHALL DETERMINE APPROPRIATE PLANTING BACKFILL MIXES (BASED ON SOILS/SUBSURFACE CONDITIONS) AND REVIEW ALTERNATIVES WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION.
- 11. CONTRACTORTO INCLUDE COST OF ALL MULCH IN THE COST OF THE PLANT MATERIAL.

ORDINANCE REQUIREMENTS

INTERIOR LANDSCAPING: A MINIMUM OF TWO CANOPY TREES SHALL BE PROVIDED FOR EVERY 10 PARKING SPACES.	115 SPACES / 5 = 23 CANOPY TREES REQUIRED 23 CANOPY TREES PROPOSED
LANDSCAPED AREAS SHALL BE PROVIDED THROUGHOUT THE PARKING AREA IN THE AMOUNT OF 200 SQUARE FEET FOR EACH 10 PARKING SPACE	(115 SPACES / 10) x 200 = 2,300 SF REQUIRED 2,700 SF PROVIDED
REQUIRED STREET TREES: FRONTAGE 150-200 = 3 REQUIRED FRONTAGE 200-250 LF = 4 +1 FOR EVERY 50 FEET OVER 250 FEET	NORTHWIND FRONTAGE: 465 LF = 8 REQUIRED STREET TREES 8 STREET TREES PROPOSED GRAND RIVER FRONTAGE: 155 LF = 3 REQUIRED STREET TREES 3 TOTAL PROVIDED (2 PROPOSED, 1 EXISTING)

SEEDING NOTES:

- 1. SEED ALL NON NATIVE DISTURBED AREAS UNLESS OTHERWISE NOTED WITH:
- EARTH CARPET QUICK TO GROW LAWN SEED MIXTURE
- 25% PERENNIAL RYEGRASS
- 25% KENTUCKY BLUEGRASS
- 25% ANNUAL RYEGRASS 25% CREEPING RED FESCUE

APPLY AT THE RATE OF 5-6 POUNDS PER 1,000SF

2. MULCH BLANKETS SHALL BE USED ON ALL SLOPES 20% OR GREATER AND WITHIN STORMWATER DETENTION AREAS.

