DO NOT SCALE DRAWINGS

PLANT MATERIAL SCHEDULE

KEY	QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	ROOT
TREES					
RO	2	RED OAK	*QUERCUS RUBRA*	3"	B & B
AP	8	COLUMNAR NORWAY MAPLE	*ACER PLANTANOIDES 'CRIMSON KING'*	3"	B & B
CC	15	EASTERN REDBUD	*CERCIS CANADENSIS*	2"	B & B
PC	8	CLEVELAND PEAR	*PYRUS CALLERYANA 'CLEVELAND SELECT'*	8'-2"	B &B
PSP	5	COLORADO SPRUCE	*PICEA PUNGENS*	8'-0"	B & B
TC	13	LITTLE LEAF LINDEN	*TILIA CORDATA*	8'-3"	B & B
TOTAL	51				
SHRUBS					
TO	78	EMERALD GREEN ABRORVITAE	*THUJA OCCIDENTALIS 'EMERALD GREEN'*	8'-0"	B & B
EA	27	BURNING BUSH	*EUONYMUS ALATA*	3 -4' SPRD'	1 GAL
JC	14	COMPACT PFITZER JUNIPER	*JUNIPERUS CHINENSIS 'PFITZERANA COMPACTA'*	2'-3' SPRD	1 GAL
TOTAL	119				

LANDSCAPE CALCULATIONS

REQUIREMENTS	REQUIRED	PROVIDED
PARKING INTERIOR LANDSCAPING	1 TREE PER 5 PARKING SPACES 73 / 5 = 15	15 TREES PROVIDED
STREET FRONTAGE LANDSCAPING	1 TREE PER 40 LINEAR FEET OF FRONTAGE 304.8 / 40 = 8 TREES	8 TREES PROVIDED
SCREENING LANDSCAPING	1 TREE & 5 SHRUBS PER 25 FEET : 256.79 / 25 = 10 TREES! 256.79 / 25 = 10 X 5 = 50 SHRUBS! 16.51 FEET / 25 = 3 TREES 16.51 FEET / 25 = 3 X 5 = 15 SCRUBS	10 TREES AND 53 SHRUBS PROVIDED 3 TREES AND 15 SHRUBS PROVIDED
BUILDING LANDSCAPING	4' WIDE / 75% OF PERIMETER: 1 SMALL TREE @ 20' = (436' X 75% = 327' / 20') = 15 SMALL TREES	PERIMETER LANDSCAPING, WIDTH VARIES, INCLUDING: 15 TREES AND 41 SHRUBS
TOTAL LANDSCAPING		51 TREES & 119 SHRUBS PROVIDED

LANDSCAPING NOTES

INSTALLATION OF ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS AND WITH THE PLANTING SPECIFICATIONS SET FORTH BY THE CITY.

ALL LANDSCAPE AREAS SHALL BE EXCAVATED OF ALL BUILDING MATERIAL AND POOR SOILS TO A DEPTH OF TWELVE TO EIGHTEEN INCHES (12" - 18") AND BACKFILLED WITH A GOOD MEDIUM-TEXTURED LOAM. ALL LANDSCAPE ARES SHALL BE CROWNED A MINIMUM OF SIX INCHES (6") HIGHER THAN THE ADJACENT CURBS AND WALKS AFTER EARTH SETTLING.

ALL WRITTEN DIMENSIONS OVERRIDE SCALE DIMENSIONS ON PLAN.

REPORT ALL CHANGES, SUBSTITUTIONS, OR DELETIONS TO ARCHITECT.

ALL BIDDERS MUST INSPECT THE SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.

ALL SPECIFICATIONS SUBJECT TO CHANGE DUE TO EXISTING SITE CONDITIONS.

ARCHITECT RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIAL

LANDSCAPE AREAS TO BE IRRIGATED WITH AUTOMATIC IRRIGATION SYSTEM.

MEASUREMENTS AND QUANTITIES ARE ESTIMATES ONLY AND CONTRACTOR IS RESPONSIBLE FOR HIS OWN QUANTITIES.

DO NOT PLANT DECIDUOUS OR EVERGREEN TREES DIRECTLY OVER UTILITY LINES. MAINTAIN A FIVE FOOT (5') DISTANCE FROM CENTER OF UTILITIES FOR PLANTING HOLES. CALL MISS DIG FORTY-EIGHT (48) HOURS PRIOR TO LANDSCAPE CONSTRUCTION FOR FIELD LOCATION OF UTILITY LINES.

TOPSOIL SHALL BE FERTILE, FRIABLE, AND REPRESENTIVE OF PRODUCTIVE SOIL, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH AND SHALL BE DARK ORGANIC NATURAL SURFACE SOIL, EXCLUSIVE OF PEAT, MUCK, AND/OR DARK BROWN OR BLACK LOAM, CLAY LOAM, SILT LOAM, OR SANDY **LOAM.**

ALL PLANTING BEDS TO BE MULCHED WITH FOUR INCHES (4") OF SHREDDED BARK. PLANTING BEDS TO HAVE PERMA-LOC ALUMINUM EDGING, OR APPROVED EQUIVALENT, ON BORDERS.

DIG SHRUB PITS ONE FOOT (1'-0") LARGER THAN THE SHRUB ROOTBALL, TREE PITS TWO FEET (2'-0") LARGER THAN ROOTBALLS AND BACKFILL WITH ONE PART TOPSOIL AND ONE PART SOIL FROM EXCAVATED PIT.

REMOVE TWINE AND WIRE FROM ROOTBALL AND PLANT TOPS.

ALL LAWN AREAS SHALL BE SODDED WITH A GRADE A KENTUCKY BLUE GRASS BLEND OVER FOUR INCHES (4") OF TOPSOIL

PLANT TREES AND SHRUBS NO CLOSER THAN THE FOLLOWING DISTANCES FROM CURBS, SIDEWALKS, AND DRIVEWAYS.

SHADE TREES	5'
ORNAMENTAL AND EVERGREEN TREES	10'
SHRUBS	3'

NOTE:
SHRUBS SHALL BEAR SAME RELATION TO FINISH GRADE AS IT DID TO PREVIOUS EXISTING GRADE

REMOVE COLLAR FROM FIBER CONTAINER AND PUNCTURE TO ALLOW ROOT GROWTH - ALL METAL CONTAINERS REMOVED

REMOVE BURLAP FROM TOP 1/3 OF BURLAP BALL PRIOR TO PLANTING

4" SPECIFIED MULCH

PLANTING MIXTURE

SHRUBS - SEE PLAN FOR SPACING

SCARIFY TO 3" DEPTH

3 L-1.1 **SHRUB PLANTING DETAIL**

SCALE: 3/4" = 1'-0"

NOTES:
- EVERGREEN TREES 6'-0" AND UNDER STAKE WITH 2" X 2" CEDAR STAKES (2) PER TREE
- EVERGREEN TREES 6'-0" AND OVER STAKE WITH METAL FENCE POST (3) PER TREE
- TREE SHALL BEAR SAME RELATION TO FINISH GRADE AS IT BORE TO PREVIOUS GRADE

EVERGREEN TREE - SEE PLAN FOR SPACING

GUY WIRE (2 - #2 TWISTED) GUY TWIST NEATLY TO SECURE

RUBBER HOSE

4" MIN. SHREDDED BARK MULCH

MOUNDED EARTH SAUCER

PLANTING MIXTURE: 4 PARTS TOPSOIL, 1 PART PEAT REMOVE BURLAP FROM TOP RIB OF EARTH BALL

STAKES 18" BELOW TREE PIT IN UNDISTURBED SOIL

COMPACTED SETTING BED

2 L-1.1 **EVERGREEN TREE PLANTING DETAIL**

SCALE: 3/16" 1'-0"

DECIDUOUS TREE - SEE PLAN FOR SPACING

RUBBER HOSE

(2) TWISTED #12 GALV. WIRE

3" GALV. TURNBUCKLE

APPROVED TREE WRAP

4" MIN. SHREDDED BARK MULCH

MOUNDED EARTH SAUCER

2 X 4 GUY STAKES 30" LONG

PLANTING MIXTURE 4 PARTS TOPSOIL, 1 PART PEAT REMOVE BURLAP FROM TOP RIB OF EARTH BALL

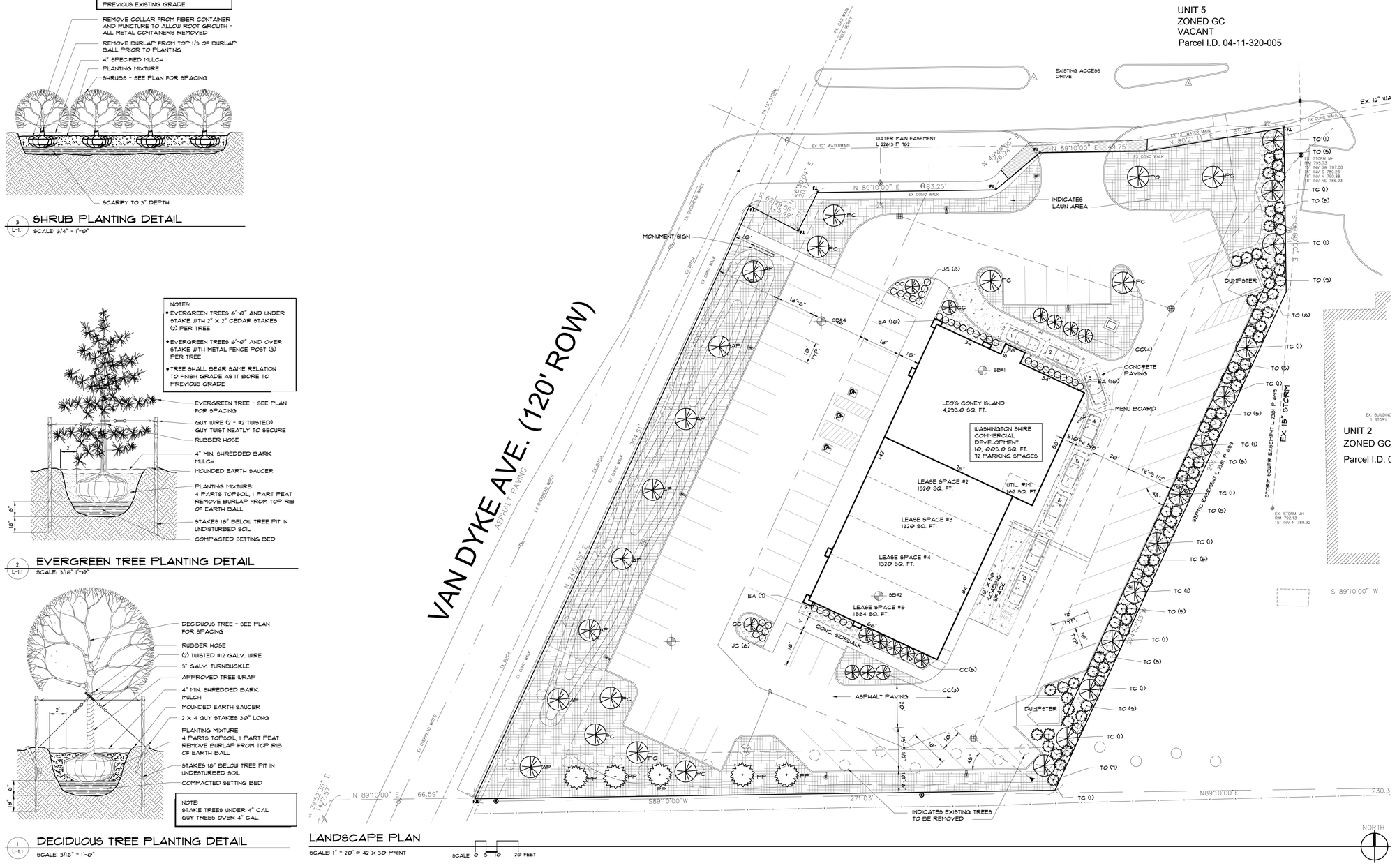
STAKES 18" BELOW TREE PIT IN UNDISTURBED SOIL

COMPACTED SETTING BED

NOTE:
STAKE TREES UNDER 4" CAL
GUY TREES OVER 4" CAL

1 L-1.1 **DECIDUOUS TREE PLANTING DETAIL**

SCALE: 3/16" = 1'-0"



LANDSCAPE PLAN

SCALE: 1" = 20' @ 42 X 30 PRINT

SCALE @ 5 10 20 FEET

F. MATTHEW RAY ARCHITECT

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CLIENT:
DARA, LLC

PROJECT
PROPOSED:
COMMERCIAL DEVELOPMENT

VAN DYKE
WASHINGTON TWP,
MICHIGAN

ISSUED/DATE
SITE PLAN REVIEW
03-20-2023

REVISED FOR SITE PLAN REVIEW
01-06-2024

SEAL:

STATE OF MICHIGAN F. MATTHEW RAY ARCHITECT No. 1301033322 LICENSED ARCHITECT

CHECKED BY: FMR
DRAWN BY: FMR
DATE: 03-25-2022

PROJECT NO.
21-06

TITLE:
LANDSCAPE PLAN

SHEET NO.
L-1.1

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