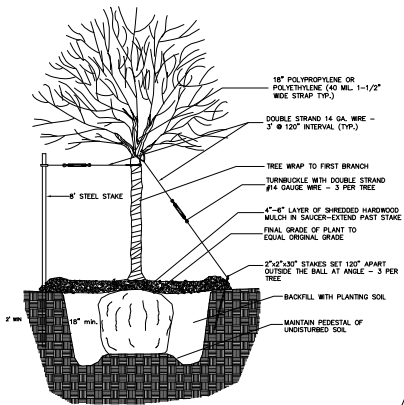
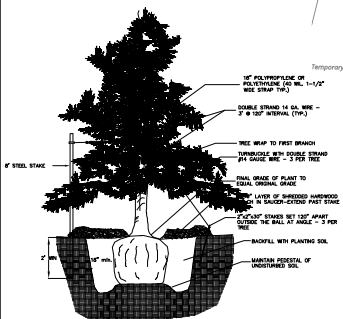




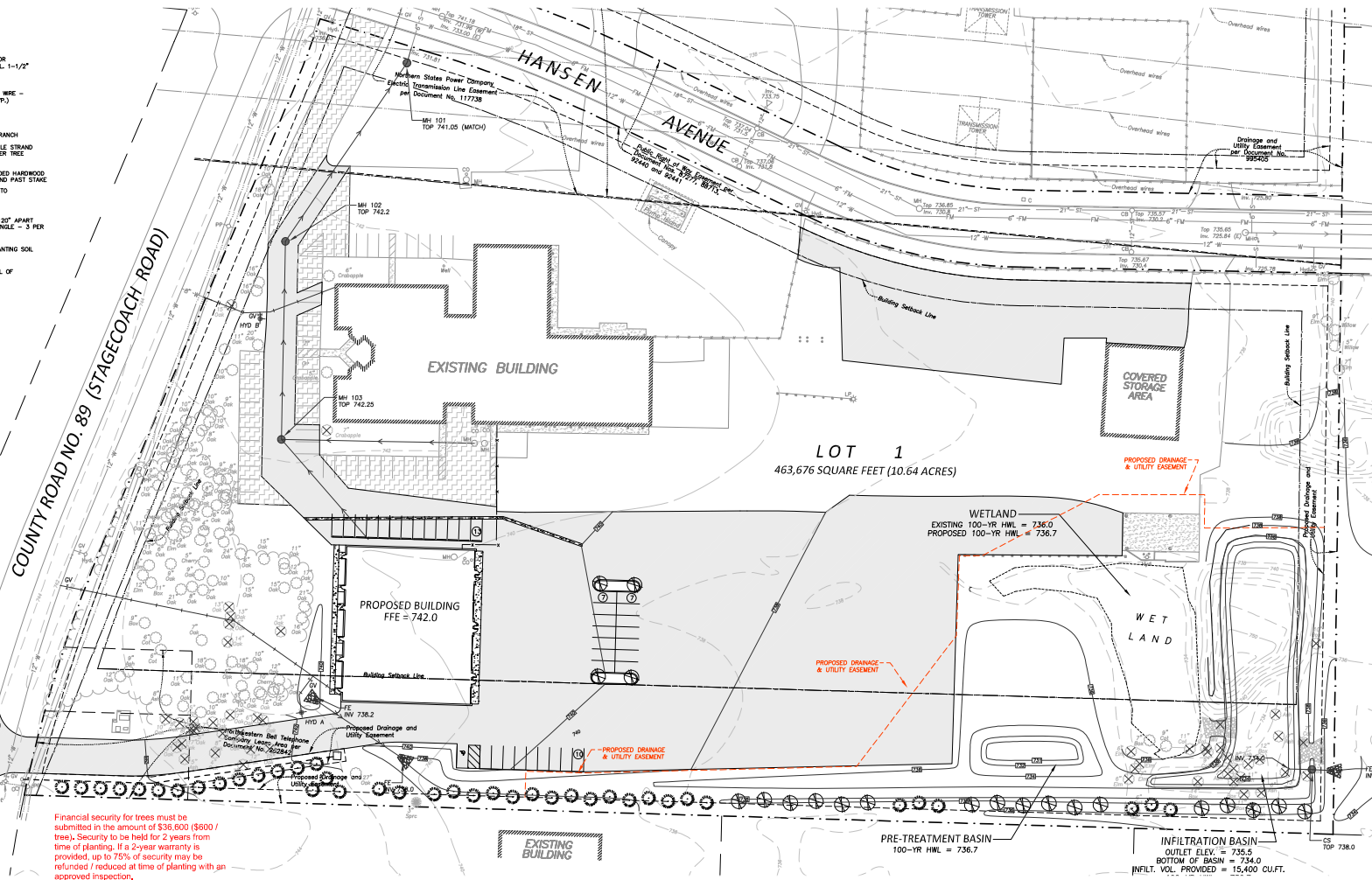
NOTES:
TWO ALTERNATE METHODS OF TREE STAKING ARE SHOWN.
IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD.
SCAFFRY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.

DECIDUOUS TREE PLANTING DETAIL



NOTES:
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SCAFFRY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
CONIFERUS TREES TO HAVE SHREDED HARDWOOD MULCH UNLESS OTHERWISE NOTED.
NO MULCH TO BE IN CONTACT WITH TRUNK.

CONIFEROUS TREE PLANTING DETAIL



Financial security for trees must be submitted in the amount of \$36,600 (\$600 / tree). Security to be held for 2 years from time of planting. If a 2-year warranty is provided, up to 75% of security may be refunded / reduced at time of planting with an approved inspection.

Commercial turf establishment: seed shall be MNDOT Mixture 25-131 @ 220 lbs/acre, fertilizer shall be 10-10-10 (NPK) commercial grade, and mulch shall be MNDOT Type 1.

LANDSCAPE CALCULATIONS

PROPOSED BUILDING AREA:	12,635 S.F.
BUILDING FOOTPRINT AREA TREES REQUIRED:	23 TREES
PROPOSED IMPERVIOUS AREA INCREASE (EXCLUDING BUILDING):	15,680 S.F.
IMPERVIOUS AREA TREES REQUIRED (1 TREE PER 4000 S.F.):	4 TREES
TOTAL TREES REQUIRED:	27 TREES

TREE LIST

TREES	SYMBOL	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE/ROOT
WO		6	Quercus alba	White Oak	2.5" B & B
PE		3	Ulmus wilsoniana hybrid	Patriot Elm	2.5" B & B
GE		3	Ulmus "Cathedral"	Cathedral Elm	2.5" B & B
HL		5	Gleditsia triacanthos var. inermis	Honeylocust, thornless	2.5" B & B
KC		4	Gymnocladus dioica	Kentucky Coffee Tree, 'Espresso'	2.5" B & B
RP		9	Pinus resinosa	Red Pine	6" B & B
WP		9	Pinus strobus	Eastern White Pine	6" B & B
BF		11	Abies balsamea	Balsam Fir	6" B & B
FF		11	Picea mariana	Black Spruce	6" B & B
TOTAL		61			

LEGEND

	BOUNDARY/ROW/BLOCK LINE
	EASEMENT
	BUILDING/PARKING SETBACK LINE
	PROPOSED CONCRETE
	PROPOSED BITUMINOUS
	PROPOSED BITUMINOUS (CLASS 5 TO REMAIN)
	SILT FENCE
	BIO-LOGS
	INLET PROTECTION DEVICE
	PROPOSED TREE
	TREE TO BE REMOVED

