

PLANT LIST

QTY.	SIZE	COMMON NAME	BOTANICAL NAME	COMMENTS
TREES				
1	2.5-3"	October Glory Red Maple	Acer rubrum 'October Glory	Red flowering, resistant to Cedar-Apple Rust
6	1-1.5"	Red Maple (small)	Acer rubrum 'October Glory	
4	2-2.5"	Red Barron Crabapple	Malus 'Red Barron'	Red flowering, resistant to Cedar-Apple Rust
3	2-2.5"	Ellwangeriana Crabapple	Malus 'Ellwangeriana'	White flowering, resistant to Cedar-Apple Rust
12	8-10'	White Spruce	Picea glauca	10' O.C.
8	6-8'	White Pine	Pinus strobus	15' O.C. (See Engineer's Plan)
8	3-4'	White Spruce (small)	Picea glauca	
12	3' whip	Red Oak	Quercus rubra	
7	3-4'	Hemlock	Tsuga canadensis	
SHRUBS				
27	2-3'	Ivory Halo Red Twig Dogwood	Cornus alba 'Bailhalo'	3.5' O.C.
67	3 gal.	Blue Rug Juniper	Juniperus horiz. 'Wiltonii'	2.5' O.C.
17	3 gal.	Anthony Waterer Spirea	Spirea x bumalda 'Anthony Waterer'	2.5' O.C.
12	18"	Highbush Blueberry	Vaccinium corymbosum	
26	2.5-3'	Cranberrybush Viburnum	Viburnum trilobum 'Baily's Compactum'	3.5' O.C.
PERENNIALS				
37	2 gal.	Daylily	Hemerocallis 'Happy Returns'	12" O.C.

PLANTING NOTES

1. UTILITIES: CALL DIG SAFE PRIOR TO ANY DIGGING OR GRADING AT THE SITE. LANDSCAPE CONTRACTOR SHALL REVIEW ARCHITECTURAL/ENGINEERING PLANS TO BECOME THOROUGHLY FAMILIAR WITH SURFACE AND SUBSURFACE UTILITIES. LANDSCAPE CONTRACTOR IS TO COORDINATE HIS WORK WITH THE IRRIGATION AND LIGHTING CONTRACTORS.
2. COMPACTED SUBGRADE SHALL BE TILLED PRIOR TO THE SPREADING OF LOAM. COMPACTED LOAM SHALL BE TILLED PRIOR TO THE SPREADING OF SEED, LAYING OF SOD, OR PLANTING OF TREES AND SHRUBS. COMPACTED GRASS AREAS SHALL BE AERATED.
3. DRAINAGE: THE LANDSCAPE CONTRACTOR SHALL INSURE BEFORE AND AFTER THE SPREADING OF LOAM THAT ALL AREAS WILL DRAIN.
4. LOAM SHALL BE CLEAN, WELL DRAINED TOPSOIL, FREE OF TOXINS, CONTAINING A MINIMUM OF 10% ORGANIC MATTER, THOROUGHLY RAKED TO REMOVE STONES AND DEBRIS GREATER THAN 1". WHETHER FROM THE SITE OR IMPORTED, LOAM SHALL BE TESTED FOR PLANTING SUITABILITY (pH, ORGANIC MATTER, AVAILABLE PLANT NUTRIENTS, C/N RATIO, BULK DENSITY, SOLUBLE SALTS, HEAVY METALS, ETC.). AT LEAST THREE TESTS SHALL BE TAKEN PER STOCKPILE FOR CONSISTENCY. IF SOIL IS FOUND TO BE DEFICIENT, CONTRACTOR SHALL PROVIDE A PROGRAM OF CORRECTIVE ACTIONS. COMPOST SHALL BE ADDED AND TILLED INTO THE SOIL AS NECESSARY TO BRING THE ORGANIC CONTENT TO 10% MIN. ALL PLANT BEDS SHALL HAVE A MINIMUM OF 12" OF LOAM. ALL LAWN AREAS SHALL HAVE A MINIMUM OF 6" OF LOAM.
5. PLANT PITS SHALL BE THREE ROOT BALL DIAMETERS IN WIDTH, AND NO DEEPER THAN THE PLANT BALL. REMOVE SOIL FROM THE TOP OF THE ROOT BALL DOWN TO THE TRUNK FLARE BY LOOSENING THE BURLAP AND DIG PLANT PIT SUCH THAT ROOT FLARE IS 1 TO 2 INCHES ABOVE FINISHED GRADE.
6. SET PLANT IN THE HOLE. CUT AWAY ALL VISIBLE ROPE AND BURLAP. REMOVE WIRE BASKETS. REMOVE SOIL TO EXPOSE ROOT FLARE.
7. BACKFILL HOLE WITH EXISTING SOIL. WHEN BACKFILLING IS HALF COMPLETE, FILL PIT WITH WATER AND ALLOW TO DRAIN TO REMOVE AIR POCKETS. COMPLETE BACKFILLING LEAVING THE ROOT FLARE EXPOSED.
8. MIX MYCOR TREE SAVER INTO TOP 8" OF SOIL ADJACENT TO THE ROOT BALL AT THE RATE OF: 1 PACKET PER CALIPER INCH OF TRUNK OR 1 PACKET PER FOOT OF ROOT BALL DIAMETER.
9. WATER-HOLDING SAUCER SHALL BE BUILT UP AROUND THE PLANT PIT. FLOOD WITH WATER FOR 5 MINUTES IMMEDIATELY AFTER PLANTING.
10. STAKES AND TREE WRAP: THE LANDSCAPE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR STABILITY AND PLUMB CONDITION OF ALL TREES AND SHRUBS AND SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY INSTABILITY OF ANY PLANT MATERIALS. STAKES AND TREE WRAP SHALL BE REMOVED IN THE SPRING PRIOR TO FINAL ACCEPTANCE AND RELEASE OF THE GUARANTEE.
11. COMPOST: IF MATERIAL IS PLANTED IN UNDISTURBED SOIL, SPREAD 1 TO 2" OF COMPOST OVER THE ENTIRE PLANT BED OR LAWN AREA. DO NOT FERTILIZE.
12. MULCH AREAS AROUND PROPOSED TREES AND SHRUBS AND ALL PLANT BEDS WITH 3" SHREDDED BARK MULCH. DO NOT MULCH AGAINST TRUNKS AND STEMS.
13. PRUNING: REMOVE ALL DEAD, BROKEN AND DAMAGED BRANCHES.
14. WATER PLANTS ONCE A DAY FOR THE FIRST WEEK AND ONCE A WEEK FOR THE FIRST PLANTING SEASON. WATER AT THE RATE OF FIVE GALLONS PER SHRUB AND 10 GALLONS PER TREE.
15. GUARANTEE ALL PLANTS FOR ONE FULL YEAR FROM DATE OF ACCEPTANCE.

TREE PROTECTION NOTES

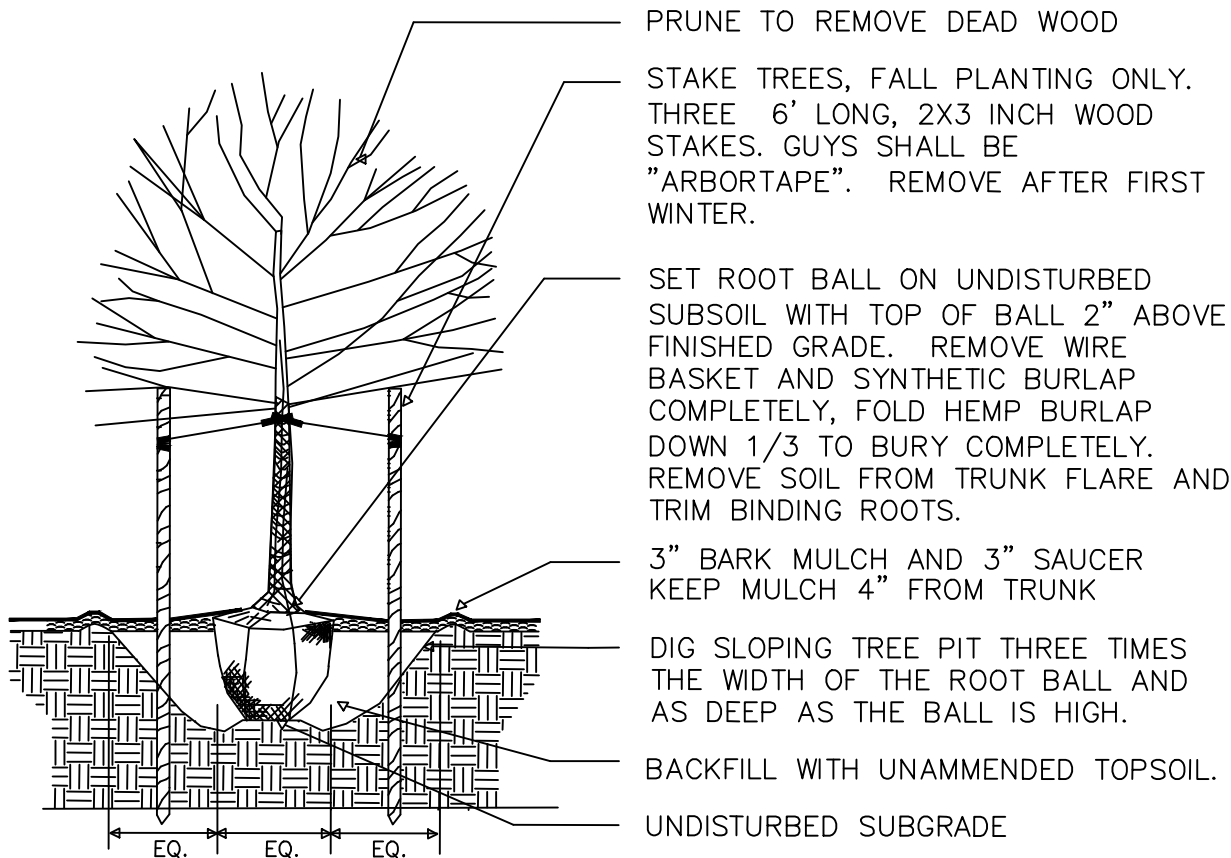
1. FENCING: ALL EXISTING TREES TO BE PROTECTED SHALL HAVE ORANGE SAFETY FENCING INSTALLED AT THE DRIP LINE AS SHOWN IN THE DETAIL. FENCING SHALL BE MAINTAINED IN GOOD CONDITION UNTIL THE BEGINNING OF THE LANDSCAPING PHASE OF CONSTRUCTION.
2. WOOD CHIPS: IF, IN THE OPINION OF THE LANDSCAPE ARCHITECT, THE FENCING WOULD SERIOUSLY IMPEDE CONSTRUCTION ACTIVITIES, A LAYER OF WOOD CHIPS SHALL BE SPREAD OVER THE ROOT ZONE OF THE TREE TO A FULL 6" DEPTH TO PROTECT THE ROOTS FROM VEHICLE ACTIVITY.
3. FILL ZONES: UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR FILL ON THE TRUNKS OF EXISTING TREES. IF IT IS NECESSARY TO FILL ON THE ROOT ZONE, A 6" LAYER OF 3/4" CRUSHED STONE SHALL BE LAID ON THE EXISTING GRADE AND FILL LAID ON TOP IN ORDER TO PROVIDE AIR TO THE ROOTS.
4. TRIM ROOTS: WHEN ROOTS ARE TORN BY EXCAVATION OPERATIONS, THEY MUST BE TRIMMED BACK TO WHERE THEY ENTER THE GROUND WITH SHARP PRUNING SHEARS IN ORDER TO PROMOTE HEALING.

SEED MIXES

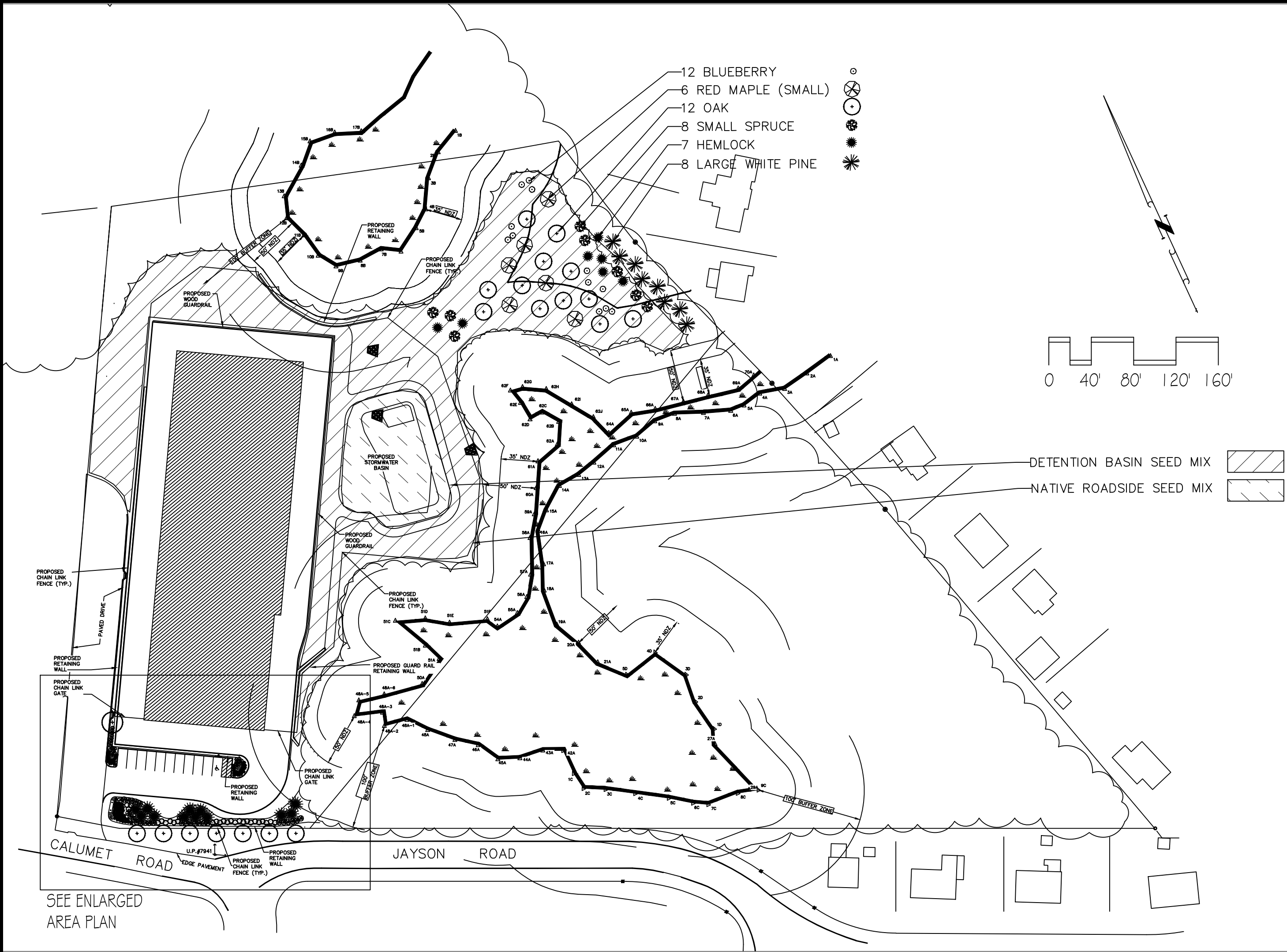
Slopes, basins and shoulders shall be seeded as soon as possible with the following grass mixes, applied between March 15 and June 1, or August 15 and October 1. Roll or track disturbed areas to create a firm seed bed as light, fluffy soil will dry out quickly.

ROADSIDE MIX: Sunny roadsides shall be seeded as soon as possible with Mesic to Dry Native Pollinator Mix (ERNMX 105), available from Ernst Conservation Seeds (800-873-3321), applied by Hydroseed method at the rate of 15 lbs. per acre or 1/2 LB. per 1000 SF.

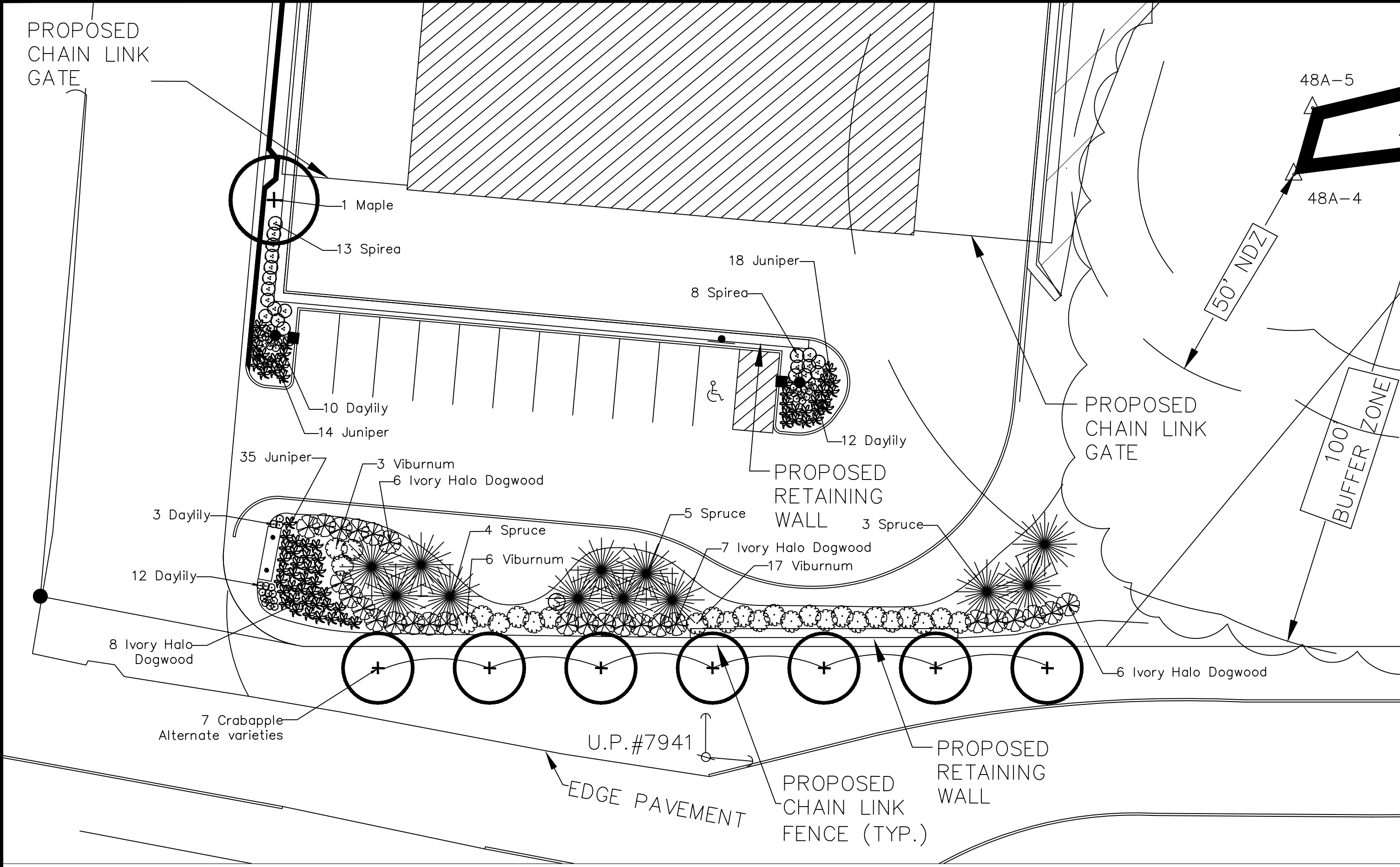
BASIN SEEDING: Slopes and dry basin floors shall be seeded with Mesic to Dry Native Pollinator Mix (ERNMX 105), available from Ernst Conservation Seeds (800-873-3321). The wettest parts of the Basin Floors shall be seeded with Retention Basin Floor Seeding (ERNMX-126), available from Ernst Conservation Seeds (800-873-3321). Seed at a rate of 1 lb. pre 1000 SF. Do not seed when basin is flooded or likely to be flooded in the following week. Soil should be rough for variable microtopography.



PLANTING DETAIL



SITE PLAN 1"=80'



ENLARGED AREA PLAN 1"=20'

DEVELOPER:
14 Calumet Rd. LLC

ENGINEER:
Andover Consultants
1 East River Place, Methuen, MA

WEINMAYRAJ ASSOCIATES, INC.
LANDSCAPE ARCHITECTS
360 Charles River Rd. Watertown, MA 02472
617.957.3733
ajay@weinmayraj.com

NO.	DATE	BY	DESCRIPTION
1	02/20/20	DAL	Initial Design
2	02/20/20	DAL	Address standard nomenclature
3	02/20/20	DAL	Revised Map, 4 Rd. Layout

DATE: Jan. 18, 2018

DRAWN: D.A.J.

CHECKED: D.A.J.

SCALE: As Noted

L-1

DRAWING NO.