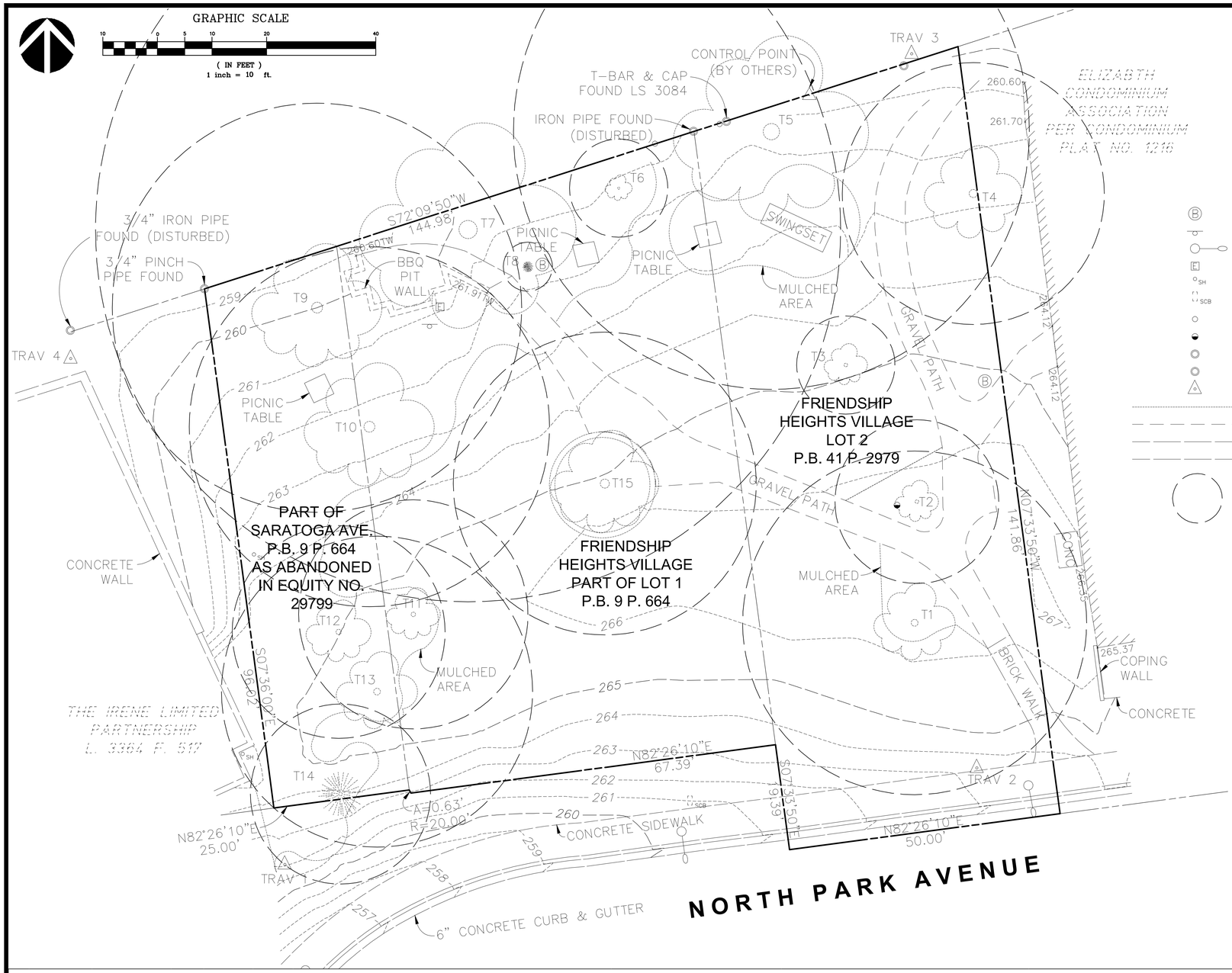

LEGEND

- TRASH BARREL
- SIGN
- LIGHT POLE
- ELEC. JUNC. BOX
- SPRINKLER HEAD
- SPRINKLER CONTROL BOX
- POST
- POLE
- IRON ROD FOUND
- IRON PIPE FOUND
- TRAVERSE
- PLANTING AREA/PLANTER
- GRAVEL (EDGE)
- CONCRETE (EDGE)
- BRICK (EDGE)
- CRITICAL ROOT ZONE

EXISTING TREE TABLE

NO.	COMMON NAME	BOTANICAL NAME	D.B.H (INCHES)	CRITICAL ROOT ZONE (SQ. FT.)	CONDITION RATING	CONDITION COMMENTS	RECOMMENDATION FOR RETENTION/REMOVAL	REVIEW OF POTENTIAL IMPACTS OF PROPOSED SITE IMPROVEMENTS	RECOMMENDED TREE PROTECTION MEASURES
T1	River Birch	*Betula nigra*	21	3117	GOOD	Multi-trunk: 14.5", 15.5"	Retain	Removal/damage to roots with path realignment. Mechanical damage to low hanging branches.	Prune low hanging branches. Root prune as needed. Keep alignment and grade of path close to existing conditions to limit impacts. Provide tree protection fencing around critical root zone. Provide trunk armoring. Place proposed playground equipment and hardscape to minimize impacts to critical root zone.
T2	Crabapple	*Malus sp.*	10	707	AVG.	Poor form.	Remove	Removal/damage to roots with path realignment.	Remove tree.
T3	American Holly	*Ilex opaca*	6	254	POOR	Multi-trunk: 3", 2.5", 3", 2", 1", 1", in decline.	Remove	Removal/damage to roots with path realignment and placement of playground equipment and hardscape.	Remove tree.
T4	Slippery Elm	*Ulmus rubra*	16	1810	AVG.	Weeping from removed leader.	Remove	Removal/damage to roots with path realignment.	Remove tree.
T5	**Black Walnut**	***Juglans nigra***	**31.5**	**7014**	**GOOD/AVG.**	**Some English Ivy on trunk. Some dead limbs in center of crown.**	**Retain**	**Removal/damage to roots with path realignment and placement of playground equipment.**	**Remove English Ivy from trunk, remove dead limbs from crown. Consider root pruning and vertical mulching of critical root zone. Provide tree protection fencing around critical root zone. Place proposed playground equipment and hardscape to minimize impacts to critical root zone.**
T6	Southern Magnolia	*Magnolia grandiflora*	6	254	GOOD/AVG.	Thin crown on forest side. Tag #110.	Retain	No impacts anticipated.	Provide tree protection fencing around critical root zone.
T7	**Mockernut Hickory**	***Carya tomentosa***	**45.5**	**14634**	**AVG.**	**Large cavity in east side of trunk. Smaller cavity in upper trunk. Wound from broken off limb on upper trunk. Callus formation around wounds.**	**Retain**	**Removal/damage to roots with path and grill area removal and placement of playground equipment.**	**Consider root pruning and vertical mulching of critical root zone. Provide tree protection fencing around critical root zone. Remove path and grill area by hand if possible. Provide mulch matting/protection board if machinery is necessary for removal. Provide trunk armoring if machinery is used.**
T8	Japanese Black Pine	*Pinus thunbergii*	3	64	AVG.	Leaning form. Trash receptacle chained to lower trunk.	Retain	Removal/damage to roots with path and grill area removal.	Remove chain from trunk. Provide tree protection fencing around critical root zone. Remove path and grill area by hand if possible. Provide mulch matting/protection board if machinery is necessary for removal.
T9	Red Oak	*Quercus rubra*	25	4418	GOOD/AVG.	Slightly leaning form.	Retain	Removal/damage to roots with grill area removal.	Root prune as needed. Provide tree protection fencing around critical root zone. Remove path and grill area by hand if possible. Provide mulch matting/protection board if machinery is necessary for removal. Provide trunk armoring if machinery is used.
T10	Little-leaf Linden	*Tilia cordata*	22	3421	GOOD		Retain	Removal/damage to roots with path and grill area removal and placement of playground equipment and hardscape. Mechanical damage to low hanging branches.	Prune low hanging branches and remove suckers at base of trunk. Consider root pruning and vertical mulching of critical root zone. Provide tree protection fencing around critical root zone. Remove path and grill area by hand if possible. Provide mulch matting/protection board if machinery is necessary for removal. Provide trunk armoring if machinery is used.
T11	River Birch	*Betula nigra*	14	1385	GOOD/AVG.	Multi-trunk: 11.5", 8.5". Some mechanical damage to surface roots. Leaning form.	Retain/Remove if necessary to meet park development goals	Removal/damage to roots with placement of playground equipment and hardscape. Mechanical damage to low hanging branches.	If retained, prune low hanging branches. Consider root pruning and vertical mulching of critical root zone. Provide tree protection fencing around critical root zone. Provide trunk armoring if machinery is used.
T12	River Birch	*Betula nigra*	13	1195	GOOD/AVG.	Leaning form.	Retain/Remove if necessary to meet park development goals	Removal/damage to roots with placement of playground equipment and hardscape. Mechanical damage to low hanging branches.	If retained, prune low hanging branches. Consider root pruning and vertical mulching of critical root zone. Provide tree protection fencing around critical root zone. Provide trunk armoring if machinery is used.
T13	River Birch	*Betula nigra*	19	2552	GOOD/AVG.	Multi-trunk: 10", 16". Some mechanical damage to surface roots. Leaning form.	Retain/Remove if necessary to meet park development goals	Removal/damage to roots with placement of playground equipment and hardscape. Mechanical damage to low hanging branches.	If retained, prune low hanging branches. Consider root pruning and vertical mulching of critical root zone. Provide tree protection fencing around critical root zone. Provide trunk armoring if machinery is used.
T14	Japanese Black Pine	*Pinus thunbergii*	11	855	AVG.	Leaning form, thin crown.	Retain	Removal/damage to roots with placement of playground equipment.	Root prune as needed.
T15	Purple Beech	*Fagus sylvatica 'Purpurea'*	18.5	2419	AVG/POOR	Open wounds on lower trunk, approximately 50% coverage of trunk circumference. Some callus formation at edges of wounds. Insect activity in wounds. Potential rot of heartwood. Stem elongation has slowed in the last 2-3 seasons.	Retain	Removal/damage to roots with path removal, placement of playground equipment and hardscape. Mechanical damage to low hanging branches.	Prune low hanging branches. Remove synthetic webbing strap from lower limbs on north side of tree. Continue to monitor condition of tree. Consider root pruning and vertical mulching of critical root zone. Provide tree protection fencing around critical root zone. Remove path by hand if possible. Provide mulch matting/protection board if machinery is necessary for removal. Place proposed playground equipment and hardscape to minimize impacts to critical root zone.

* BOLD TEXT DENOTES SPECIMEN TREE

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CONSULTANTS

REGISTRATION STAMP

OWNER

VILLAGE OF FRIENDSHIP HEIGHTS
4433 SOUTH PARK AVENUE
CHEVY CHASE, MD 20815

PROJECT TITLE

PAGE PARK PLAYGROUND
NORTH PARK AVENUE
CHEVY CHASE, MD 20815

REVISIONS

MARK	DATE	DESCRIPTION

AMT FILE NO.	114-734.002
DATE:	2014-10-06
SCALE:	1" = 10'-0"
DESIGNED BY:	AES
DRAWN BY:	AES
CHECKED BY:	SAJ/MMW

SUBMISSION

SHEET TITLE

EXISTING TREE CONDITION PLAN

SHEET

LF101

SHEET 1 OF 1