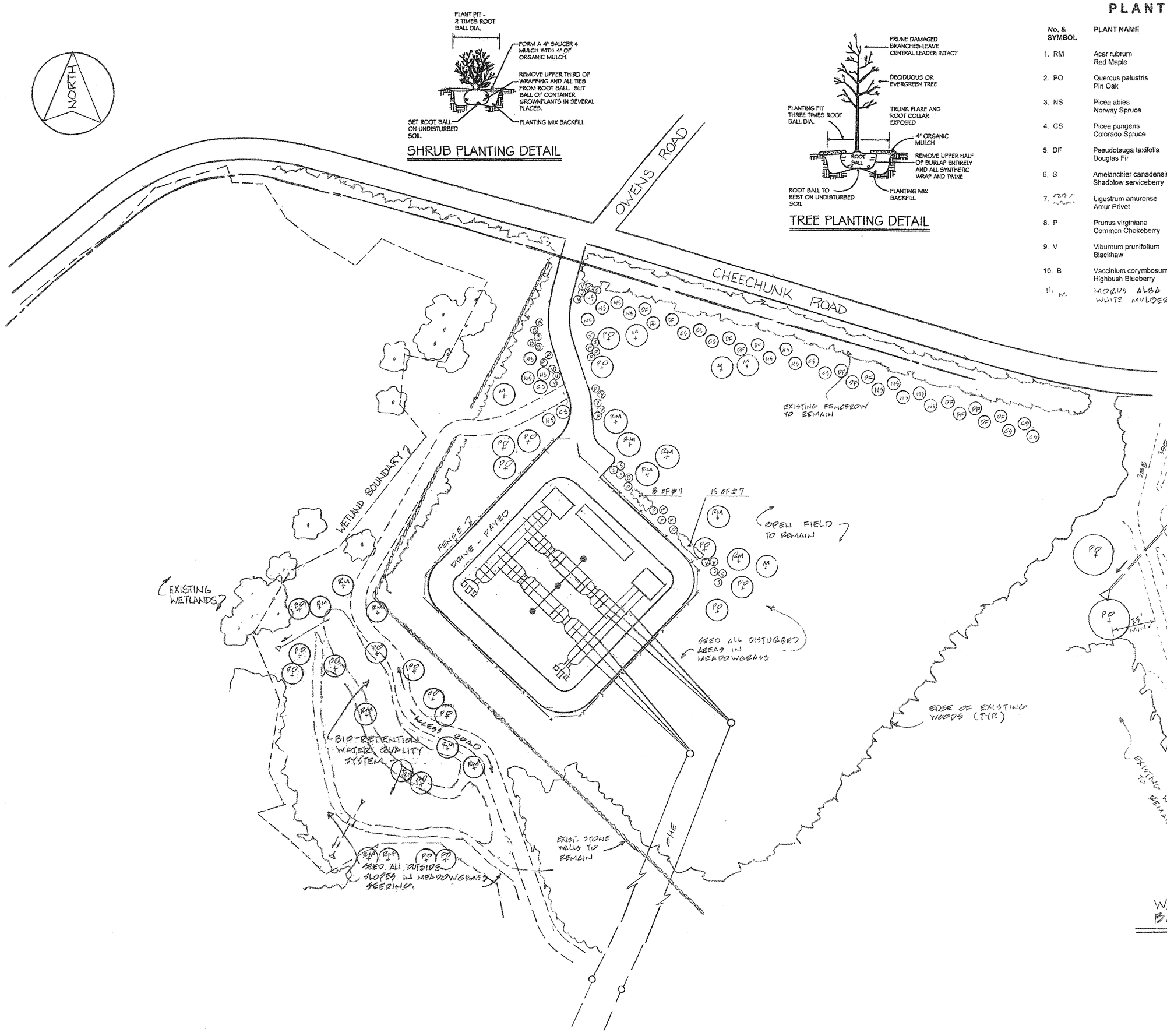

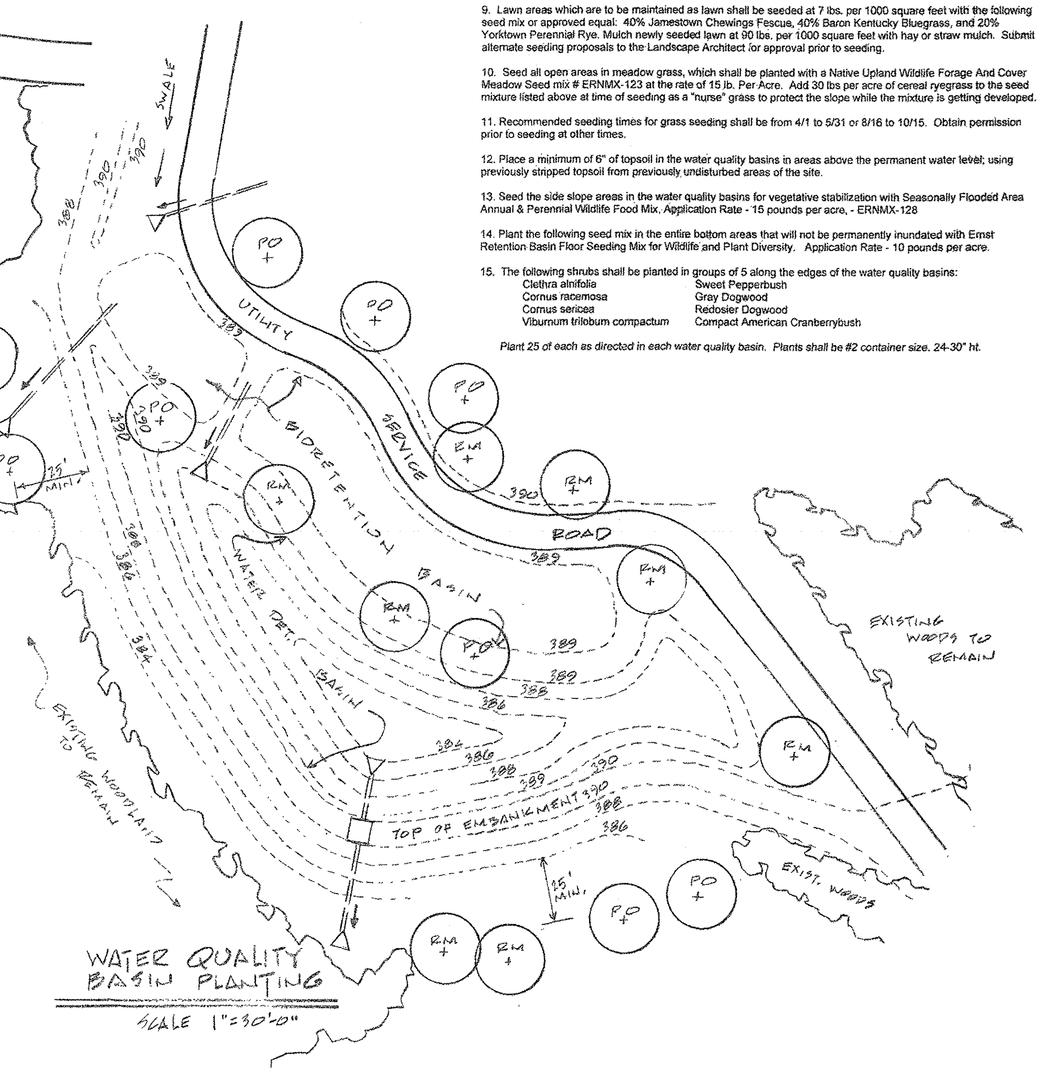

SHRUB PLANTING DETAIL

TREE PLANTING DETAIL

PLANT LIST

No. & SYMBOL	PLANT NAME	QUANTITY	SIZE & REMARKS
1. RM	Acer rubrum Red Maple	15	2 1/2"-3"cal.B&B
2. PO	Quercus palustris Pin Oak	19	2 1/2"-3"cal.B&B
3. NS	Picea abies Norway Spruce	16	7'-8' ht. B&B
4. CS	Picea pungens Colorado Spruce	10	7'-8' ht. B&B
5. DF	Pseudotsuga taxifolia Douglas Fir	14	7'-8' ht. B&B
6. S	Amelanchier canadensis Shadblow serviceberry	8	8'-10'ht. B&B
7. [illegible]	Ligustrum amurense Amur Privet	23	4'-5' ht. B&B Plant 3' o c
8. P	Prunus virginiana Common Chokeberry	14	3'-4' ht., B&B
9. V	Viburnum prunifolium Blackhaw	8	4'-5' ht. B&B
10. B	Vaccinium corymbosum Highbush Blueberry	6	3 1/2'-4' ht., B&B
11. M.	MORUS ALBA WHITE MULBERRY	5	2"-2 1/2" CAL B&B

PLANTING NOTES

1. All plants shall bear the same relationship to finished grade as that which existed in the nursery. All plants shall be oriented at their proposed location to present their best side. This installation shall be carried out under the supervision of the Landscape Architect. Provide 24 hours notice. All plants shall be nursery grown and plants and workmanship shall conform to the "American Standard for Nursery Stock", ANSI-Z 60.1-2004, American Nursery & Landscape Association, latest edition.

2. Mulch all plant beds and trees with a 3" minimum depth of woodchips, pine bark, peat moss or other mulch acceptable to the Landscape Architect. Do not place mulch against tree trunk.

3. Set trees plumb and tamp soil in tree pit. Trees shall be set at level of existing tree crown. Do not place mulch against tree trunk. Deciduous tree trunks shall be wrapped with burlap, or other approved wrap, up to the bottom branches with a 50% overlap. All deciduous plants shall be pruned back 1/4 to 1/3 branch lengths immediately after planting, except that main leaders shall not be cut.

4. Plant pits shall be 3 times root ball diameter for trees and 2 times root ball diameter for shrubs and set root ball on undisturbed soil. Set plants at same level as originally grown on base of undisturbed soil. Remove all existing soil; loosen sides of pit with pick, and backfill with a mixture of one part peat-humus to 4 parts topsoil. Topsoil shall conform to Soil Conservation District standards. Add appropriate quantities of a complete commercial fertilizer (nitrogen, phosphoric acid and potash) in the proportions equivalent to 5-10-5, and bonemeal. Fertilize all plants with 2 to 3 oz. per foot of shrub height and 2 to 3 lbs. per inch of tree trunk of 5-10-5 fertilizer. For evergreen planting, add 1 lb. per 100 square feet of plant bed each of ammonium sulfate and superphosphate. Set root ball on undisturbed bottom of pit. Remove upper half of burlap from root ball.

5. Plants shall be warranted for a period of two years. Replace, in accordance with the drawings and specifications, all plants that are missing, more than 25% dead, which do not develop from planting stock, that appear unhealthy or unsightly and/or have lost their natural shape due to dead branches. Any tree that loses the main leader shall be replaced.

6. No plants existing on the site shall be removed, except for those specifically identified on the drawings for removal. Existing trees in areas proposed in areas proposed for construction for this site can be transplanted to areas on the site in which similar species are specified. Trees and vegetated areas which are in or near construction areas shall be protected with a snow fencing placed around the tree trunk at the drip line of the trees if possible, or maintain a minimum diameter of 10 feet around trees. There shall not be any construction material storage or other disturbance within the drip lines of existing trees to remain. Place 4 inches of wood chips over the root zone to extend to the drip line where fencing must be placed closer than the drip line. Maintain the wood chip protection.

7. All landscape installations shall be maintained on a regular basis, and shall not be allowed to take on an unsightly appearance (except for natural areas which shall be allowed to grow naturally with a minimum of maintenance).

8. Place 4" of topsoil on all lawn areas and 12" of topsoil in all planting beds. Fertilize areas before seeding or sodding with 15 lbs. per 1000 square feet of 10-20-10 fertilizer or approved equivalent. Repeat after 8 weeks. Fertilize lawn areas other than fine lawn areas with 500 lbs. per acre of 10-20-10 commercial fertilizer, and mulch with hay or straw at the rate of 2 tons per acre.

9. Lawn areas which are to be maintained as lawn shall be seeded at 7 lbs. per 1000 square feet with the following seed mix or approved equal: 40% Jamestown Chewings Fescue, 40% Baron Kentucky Bluegrass, and 20% Yorktown Perennial Rye. Mulch newly seeded lawn at 90 lbs. per 1000 square feet with hay or straw mulch. Submit alternate seeding proposals to the Landscape Architect for approval prior to seeding.

10. Seed all open areas in meadow grass, which shall be planted with a Native Upland Wildlife Forage And Cover Meadow Seed mix # ERNMX-123 at the rate of 15 lb. Per Acre. Add 30 lbs per acre of cereal ryegrass to the seed mixture listed above at time of seeding as a "nurse" grass to protect the slope while the mixture is getting developed.

11. Recommended seeding times for grass seeding shall be from 4/1 to 5/31 or 8/16 to 10/15. Obtain permission prior to seeding at other times.

12. Place a minimum of 6" of topsoil in the water quality basins in areas above the permanent water level, using previously stripped topsoil from previously undisturbed areas of the site.

13. Seed the side slope areas in the water quality basins for vegetative stabilization with Seasonally Flooded Area Annual & Perennial Wildlife Food Mix. Application Rate - 15 pounds per acre, - ERNMX-128

14. Plant the following seed mix in the entire bottom areas that will not be permanently inundated with Ernst Retention Basin Floor Seeding Mix for Wildlife and Plant Diversity. Application Rate - 10 pounds per acre.

15. The following shrubs shall be planted in groups of 5 along the edges of the water quality basins:

Clethra alnifolia	Sweet Pepperbush
Cornus racemosa	Gray Dogwood
Cornus sericea	Redosier Dogwood
Viburnum trilobum compactum	Compact American Cranberrybush

Plant 25 of each as directed in each water quality basin. Plants shall be #2 container size, 24-30" ht.

ARCH 0 1 2 3
ENGRG 0 1 2 3

ROBERT G. TORGERSEN, ASLA
LANDSCAPE ARCHITECTURE AND ENVIRONMENTAL SERVICES
3 MAIN DRIVE, NANUET, NY 10954 845) 623 4835 – Fax (845) 627 6622

REV	REVISION	DWN	DES	CHKD	DATE

ORANGE AND ROCKLAND UTILITIES, INC.
PEARL RIVER NEW YORK

ENGINEERING REVIEW		
DEPT.	SIGNATURE	DATE
CIVIL/SURVEY	M Hanewicz	11/8/11
TELECOM/MET.		
TRANS & SUB.	R. Torgersen	11/8/11
RELAY		
DWN R.T.	DES R.T.	CHKD
DESIGN REVIEW		DATE

APPROVED [illegible] DATE 11/8/11
☐ PERMIT
☐ BID
☐ CONSTRUCTION
☐ RECORD
☒ PERMIT

HARTLEY ROAD SUBSTATION

PLANTING PLAN

SCALE	STATION NO.	DRAWING NUMBER			SHEET	REV.
1" = 50'	0013	K	F	6427	12 OF 12	A

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