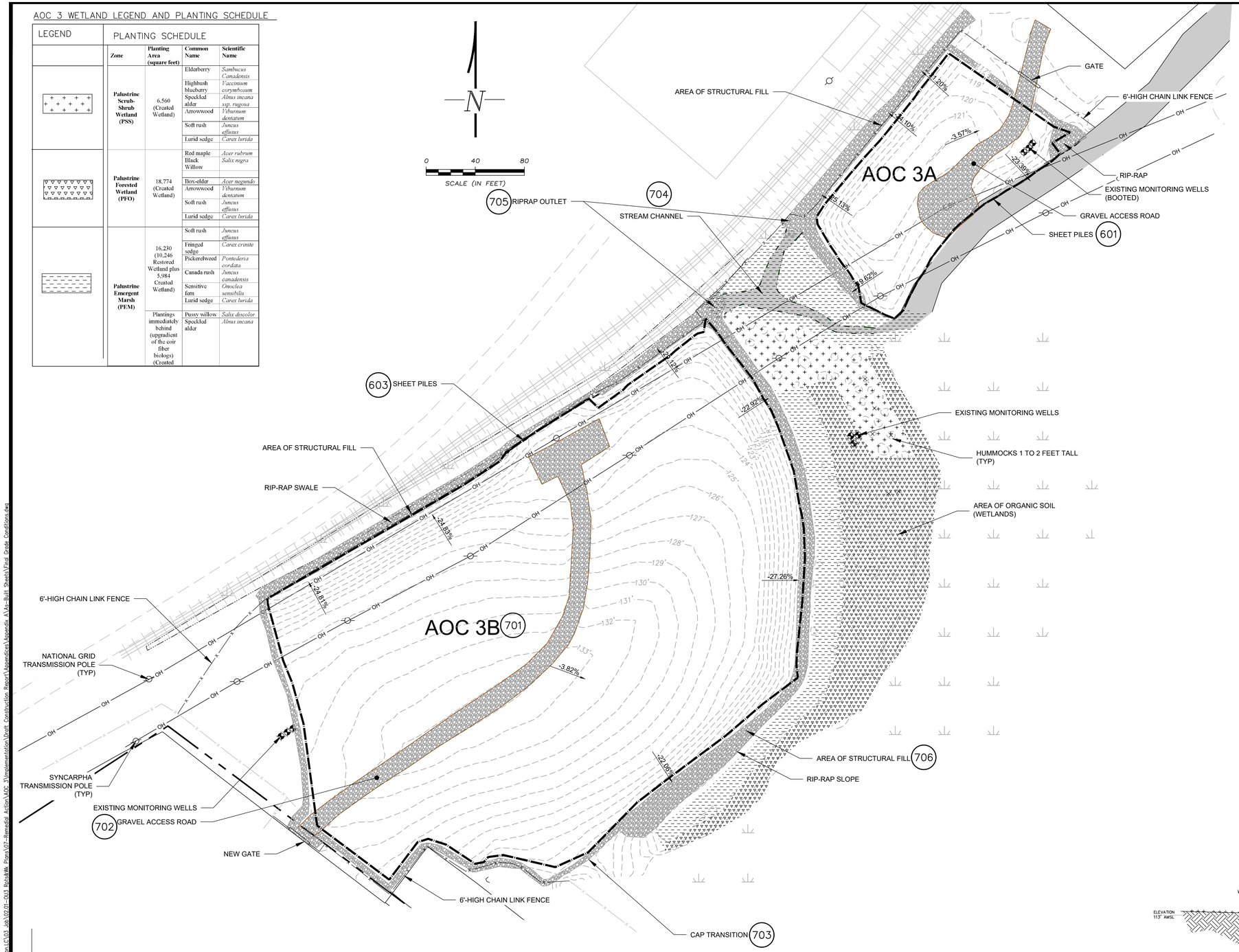
## AOC 3 WETLAND LEGEND AND PLANTING SCHEDULE

| LEGEND | PLANTING SCHEDULE | | | |
|---|---|---|---|---|
| | **Zone** | **Planting Area (square feet)** | **Common Name** | **Scientific Name** |
| | **Palustrine Scrub-Shrub Wetland (PSS)** | 6,560 (Created Wetland) | Elderberry | *Sambucus Canadensis* |
| | | | Highbush blueberry | *Vaccinium corymbosum* |
| | | | Speckled alder | *Alnus incana ssp. rugosa* |
| | | | Arrowwood | *Viburnum dentatum* |
| | | | Soft rush | *Juncus effusus* |
| | | | Lurid sedge | *Carex lurida* |
| | **Palustrine Forested Wetland (PFO)** | 18,774 (Created Wetland) | Red maple | *Acer rubrum* |
| | | | Black Willow | *Salix nigra* |
| | | | Box-elder | *Acer negundo* |
| | | | Arrowwood | *Viburnum dentatum* |
| | | | Soft rush | *Juncus effusus* |
| | | | Lurid sedge | *Carex lurida* |
| | **Palustrine Emergent Marsh (PEM)** | 16,230 (10,246 Restored Wetland plus 5,984 Created Wetland) | Soft rush | *Juncus effusus* |
| | | | Fringed sedge | *Carex crinite* |
| | | | Pickerelweed | *Pontederia cordata* |
| | | | Canada rush | *Juncus canadensis* |
| | | | Sensitive fern | *Onoclea sensibilis* |
| | | | Lurid sedge | *Carex lurida* |
| | | Plantings immediately behind (upgradient of the coir fiber biologs) (Created | Pussy willow | *Salix discolor* |
| | | | Speckled alder | *Alnus incana* |

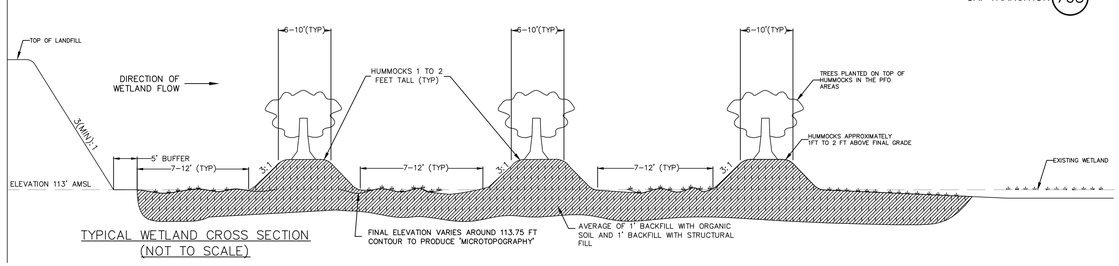



CONSTRUCTION NOTES (FOR AOC 3):

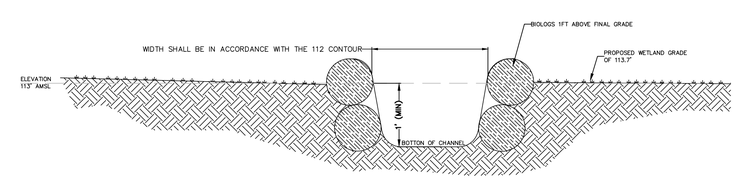
1. FINAL GRADING INCLUDES CREATION OF PLANTABLE HUMMOCKS AS DEPICTED ON DETAIL ON THIS DRAWING, AND OTHER MICROTOPOGRAPHY AS DIRECTED BY THE ENGINEER'S WETLAND RESTORATION SPECIALIST. MICROTOPOGRAPHY WAS CREATED BY LEAVING THE ORGANIC SOIL LOOSE AND NOT CREATING A SMOOTH SURFACE AT THE FINAL ELEVATION OF THE WETLAND. HUMMOCKS SIZE AND SPACING SHOWN ON THIS DRAWING ARE REPRESENTATIVE TO DEMONSTRATE THE VARIABLENESS.
2. WOODY PLANT MATERIALS WERE INSTALLED IN CLUSTERS ON TOP OF HUMMOCK SURFACE TO SIMULATE NATURAL DISTRIBUTION PATTERNS AND GROWTH HABITATS AS DETERMINED IN THE FIELD BY THE ENGINEER'S WETLAND RESTORATION SPECIALIST. HUMMOCKS WITHIN THE PFO PLANTING ZONE WERE PLANTED WITH A COMBINATION OF TREES AND SHRUBS. NO TREES WERE PLANTED WITHIN 15 FEET OF THE BASE OF THE ENGINEERED CAP.
3. WETLAND AREAS WITHIN THE LIMIT OF DISTURBANCE WERE SEEDED WITH NEW ENGLAND WETLAND SEED MIX (18 LBS/ACRE) AND NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES (9 LBS/ACRE).
4. HUMMOCKS CONSTRUCTION INCLUDED STRUCTURAL FILL AT ELEVATIONS BELOW THE TOP 12 INCHES OF ORGANIC SOIL.

LEGEND

- EXISTING MONITOR WELLS
- NATIONAL GRID TRANSMISSION POLE
- SYNCARPHA TRANSMISSION POLE
- PIEZOMETER WELL
- TRANSMISSION LINE
- SHEET PILES
- RAILROAD
- INDEX CONTOUR (5' INTERVAL)
- INTERMEDIATE CONTOUR (1' INTERVAL)
- EXISTING WETLAND
- IRON HORSE PARK SITE BOUNDARY
- EXISTING OPEN WATER/STREAMS/PONDS
- LIMIT OF CAP




TYPICAL WETLAND CROSS SECTION
(NOT TO SCALE)




TYPICAL STREAM CHANNEL CROSS SECTION
(NOT TO SCALE)

| Rev. | Date | Description | By | Chk |
|---|---|---|---|---|
| 1 | 8/28/2019 | AS-BUILT DRAWING | PDD | MRL |

DRAWN BY PDD | CADD Review MRL | CHECKED BY SH

Environmental Resources Management

ERM

# PAN AM RAILWAYS
# IRON HORSE PARK
BILLERICA, MASSACHUSETTS

FINAL CONDITIONS

| SCALE | PROJECT NUMBER | DRAWING | REV. |
|---|---|---|---|
| AS NOTED | 0476110 | 05 | 0 |

DATE DRAWN 8/28/19

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