DUMBARTON OAKS
WASHINGTON DC 20007

GREENHOUSE & FRAMEYARD RESTORATION

OLD GEORGETOWN BOARD SUBMISSION
DECEMBER 2, 2021
HISTORIC PINE TREES PLANTED BY FARRAND (BLISS ALBUM OF GARDEN PHOTOGRAPHS, TAKEN BETWEEN 1929-1932)
EXISTING GREENHOUSE PHOTOS

VIEW OF SOUTH SIDE GREENHOUSE

VIEW OF HEAD HOUSE
EXISTING GREENHOUSE PHOTOS

VIEW OF NORTH SIDE OF HEADHOUSE

VIEW OF EAST WING

VIEW OF EAST SIDE OF GREENHOUSE
EXISTING GREENHOUSE PHOTOS

VIEW WITHIN EAST GREENHOUSE WING

VIEW OF GREENHOUSE FRAMING
DUMBARTON OAKS
SELLDORF ARCHITECTS
DECEMBER 2, 2021

PAGE 13

355 SF
TROPICAL
/ PRODUCTION

349 SF
ORCHID
/ PRODUCTION

369 SF
PROPAGATION
/ PRODUCTION

510 SF
HEADHOUSE

369 SF
PRODUCTION

349 SF
PRODUCTION

SCALE: 1/8" = 1'0"

GREENHOUSE - PROPOSED MAIN FLOOR PLAN
GREENHOUSE - LOWER FLOOR REMOVAL PLAN

**KEY:**
- **EXISTING MASONRY TO BE REMOVED**
- **EXISTING STRUCTURE TO REMAIN**

- **EXISTING LATH HOUSE KNEE WALL TO BE REMOVED AND REPLACED**

- **EXISTING COLUMNS TO BE REMOVED IN CONJUNCTION WITH STRUCTURAL WORK FOR INSTALLATION OF NEW MAIN LEVEL SLAB**

- **MINOR OPENINGS FOR ECU DUCTWORK. NEW SCREEN AT NORTH SIDE WILL HIDE THESE OPENINGS**
GREENHOUSE - PROPOSED NORTH SOUTH SECTION B - THROUGH EAST WING (REMOVAL)

- HEADHOUSE BRICK: 14'-10 1/2"
- HEADHOUSE ROOF: 28'-6 1/8"
- EXG LOWER LEVEL: 9'-0 7/8"
- EXIST MAIN LEVEL: 1'-0"
- T.O. GLAZING: 12'-11 5/8"

SCALE: 3/16" = 1'

11/10/2021 11:47:45 AM
GREENHOUSE - PROPOSED NORTH SOUTH SECTION B - THROUGH EAST WING

- Cracked glazing to be replaced. All glazing to be cleaned. All vents to remain operable.
- Glazing sealant to be replaced.
- Slab to be replaced in existing location. Existing slab is structurally compromised.

Scale: 3/16" = 1'0"
GREENHOUSE - PROPOSED NORTH SOUTH SECTION A - THROUGH HEAD HOUSE (REMOVAL)
GREENHOUSE - PROPOSED NORTH SOUTH SECTION A - THROUGH HEAD HOUSE

EXISTING LIGHTING FIXTURE TO BE REPAIRED AND REINSTALLED AT SAME ELEVATION

NEW SLAB TO ALIGN WITH GREENHOUSE WINGS. SEE PAGE 44 FOR DETAIL OF EXISTING AND PROPOSED PARTITION BETWEEN WING AND HEADHOUSE
Greenhouse - Existing Exterior Materials

- Dark Green Mullions
- Metal Roof/Metal Wall Panels
- Masonry with Stone Copings
- Front Door
- Existing "Dampers"
GREENHOUSE - PROPOSED SOUTH ELEVATION

- Cracked glazing to be replaced. All glazing to be cleaned. All vents to remain operable.

- Existing brick to be repointed.

- Cold frames to be removed and reinstalled to facilitate waterproofing of basement level.

- Glazing sealant to be replaced.
- Cracked glazing to be replaced. All glazing to be cleaned. All vents to remain operable.
- Existing brick to be repointed.
- Non-original wood insert panels to be replaced by cast aluminum panels matching original design.
- New ECU enclosure.
- New tool shed.
- New lath house.
- Glazing sealant to be replaced.
- Existing brick to be repointed.
- New lath house.
- New ECU enclosure.

Greenhouse - Proposed North Elevation
GREENHOUSE - PROPOSED WEST ELEVATION

NEW ECU ENCLOSURE AND LATH HOUSE
EXISTING BRICK TO BE REPOINTED

SCALE: 1/8" = 1'-0"
GREENHOUSE - EXISTING INTERIOR CONDITIONS

EXISTING SINK AND CABINET

EXISTING SHELVING AND PALLADIAN WINDOW

EXISTING CABINETS AND EYE WASH STATION

EXISTING GREENHOUSE WING PARTITION

EXISTING GREENHOUSE WING PARTITION
GREENHOUSE - EXISTING MAIN FLOOR PLAN

GREENHOUSE ZONE 1
GREENHOUSE ZONE 2
POTTING ROOM
GREENHOUSE ZONE 3
GREENHOUSE ZONE 4
GREENHOUSE - EXISTING LOWER FLOOR PLAN

STORAGE & POTTING AREA

STORAGE

STORAGE & POTTING AREA

COLD STORAGE
GREENHOUSE - PROPOSED LOWER FLOOR PLAN

- COOL HOUSE: 501 SF
- COLD STORAGE: 191 SF
- STORAGE: 727 SF
- MECHANICAL: 362 SF
- STORAGE: 250 SF
- UTILITY ROOM: 48 SF
- UTILITY ROOM: 48 SF
- LATH HOUSE: 306 SF
- TOOL SHED: 151 SF
- NEW ECU, LATH HOUSE AND TOOL SHED ENCLOSURES IN LOCATION OF EXISTING LATH HOUSE
- NEW PARTITION IN BASEMENT BELOW HEADHOUSE TO ACCOMMODATE COLD STORAGE
- NEW PARTITION IN STORAGE AREA TO ACCOMMODATE MECHANICAL LAYOUT
- NEW ConCRETE FLOOR AT BASEMENT LEVEL
GREENHOUSE - EXISTING E/W SECTION A - THROUGH HEADHOUSE
GREENHOUSE - PROPOSED E/W SECTION - THROUGH HEADHOUSE
GREENHOUSE - PROPOSED N/S SECTION - THROUGH WING
EXISTING HEADHOUSE FLOOR LEVEL

PROPOSED HEADHOUSE FLOOR LEVEL

EAST/WEST GREENHOUSE ENTRY DOORS

SOUTH ENTRY DOORS

GREENHOUSE - DOOR COMPARISON
VIEW OF PROPOSED RESTORED GREENHOUSE AND COURT
FRAMEYARD - ELEVATIONS

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SCALE:   1/8" = 1'-0"
FRAMEYARD - ELEVATIONS

SCALE: 1/8" = 1'0"