SITE IMPROVEMENTS FOR HISTORIC WILLOUGHBY-BAYLOR HOUSE
FREEMASON AND CUMBERLAND STREET
NORFOLK REDEVELOPMENT AND HOUSING AUTHORITY

NRHA
Norfolk Redevelopment and Housing Authority

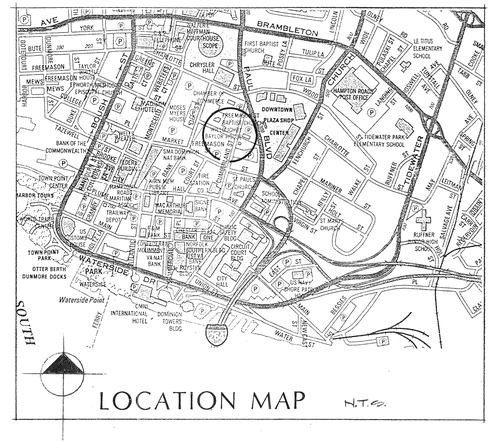
DRAWING APPROVAL

City of Norfolk , Department of Parks and Recreation — Date Approved

Norfolk Redevelopment and Housing Authority
Department of Design and Engineering — Date Approved

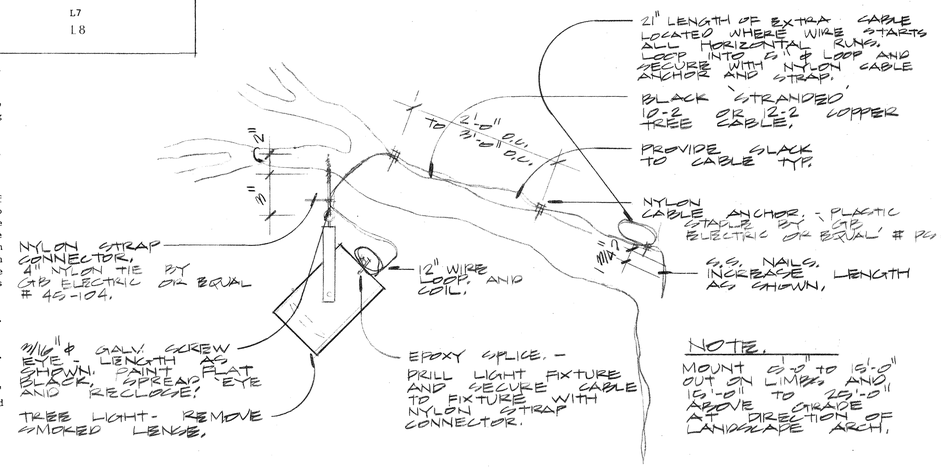
SHEET INDEX

SHEET TITLE	SHEET NUMBER
COVER SHEET AND MISC. DETAILS	LC-1
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LIGHTING PLAN	L3
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ARBOR DETAILS	L5
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IRRIGATION PLAN BID ALTERNATE #1	L8

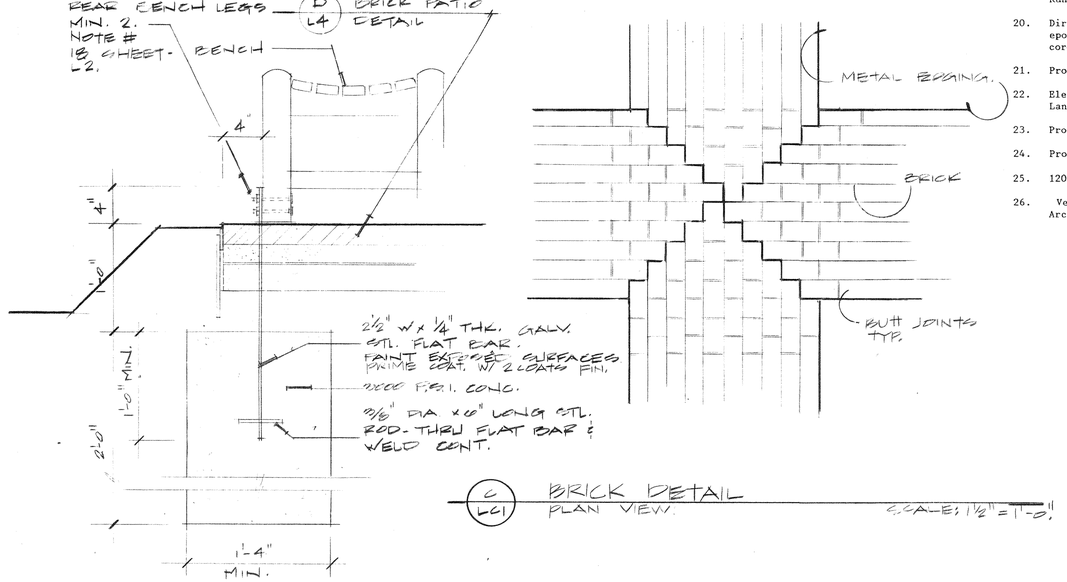


NOTES: Guide Specifications for 12 Volt Light System SEE SHEET L8

1. Wire to be direct burial stranded copper cable 12-2 AWM or 10-2 AWM by 'Lightscapes' 1-800-635-1068 or equal. Tree cable to be 12-2 AWM by 'Lightscapes'. 12 volt system only.
   Wire to be braided type cable with black p.v.c. insulating coating.
2. Contractor to acquire all required inspections.
3. Transformer to be maximum 100 ft. away from furthest light fixture. Direct burial transformers to be model # TBC 250-212-250 watt by 'Hadco'.
   Wire for 12 volt line voltage on secondary side of buck-boost transformer.
4. Locate tree cable on limb and trunk sides away from major activity areas. Secure with nylon cable clips. Cable clips to be located at 2 to 3 feet on center along the length of the cable. Increase nail size in cable clips to prevent removal. Provide compression connectors and waterproof connections at the connection between the cable and the tree light. Light and cable location to be determined in the field by the landscape architect. 5 to 10 feet out on limbs at 10 to 20 feet above existing grade.
5. Direct burial lights to be installed outside of all tree root balls.
5. Direct burial lights to be installed outside of all tree root balls.
6. Contractor to verify panel box location. Expand panel as required. Existing exterior light circuit to be used for 12 volt light system is 20 amp service.
7. Comply with all state and local electrical codes.
8. All disturbed sod, planting, and mulch beds are responsibility of electrical contractor to repair at his own expense and at no cost to the owner.
9. Contractor to verify available power source in panel. Expand panel if required.
10. All lights to be ordered with flat black finish by manufacturer if not specified.
11. Bore or sleeve under paving as required. Sleeves to be provided by Electrical Contractor.
12. 'Nightscaping' available through Lightscapes, Richmond, VA 1-800-635-1068.
13. Direct wire and switch transformer with photo electric cell as shown. Photo cell location to be located in the field at the one of the two locations as noted. Photo cell to be Model No. PC-1 by 'Hadco' or equal.
14. All direct burial 12 volt wire splices to be epoxy type - #12-DB Epoxy kit by "Nightscape " or "3M" equal.
15. Where direct burial cable runs in planting areas, run cable adjacent to wall, walks or building edge to minimize conflicts with planting operations. 12 volt cable to be located at (6) inches below grade min.
16. Provide min. 12 inch wire loop at all spike light locations. Loop wire, secure and bury bundle.
17. Lights to be field staked by Landscape Architect prior to installation. Arbor lights to be field located by landscape architect. Cable to top of arbor shall be enclosed in 1/2" diameter p.v.c. conduit and anchored to the arbor post with anchors as shown on the plan and directed by the landscape architect. Horizontal runs of the direct burial cable along the top of the arbor shall be secured with nylon cable clamps at 3 feet on center. Connection of light fixtures to direct burial cable shall be with a watertight connection. Cable and conduit to be painted to match the color of the arbor. Exposed conduit associated with light fixtures mounting shall be painted black to match the light fixture.
18. All direct burial lights to have epoxy wire splice kit used at connections. Provide wire loop to aid in relamping. 12" loop minimum.
19. Where wire runs exceed 100 ft. double #12-2 cables or use #8-2 cable TYP. Run doubled cable 2/3 length of total run.
20. Direct bury transformer to be mounted flush with grade. Provide '3-M' epoxy seal at cable entry to transformer box and manufacturers provided cord compression connection seal for direct burial cable.
21. Provide G.F.C.I. as required by code.
22. Electrical Contractor to provide 'Nighttime' adjustment of light aim. Landscape architect to be present to adjust beam direction.
23. Provide G.F.C.I. as required by code.
24. Provide glare guards for Direct Burial Par-36 fixtures as noted..
25. 120 volt wire sizing and reuse of existing wire by Electrical Contractor.
26. Verify photo electric cell height, size and location with Landscape Architect prior to installation.

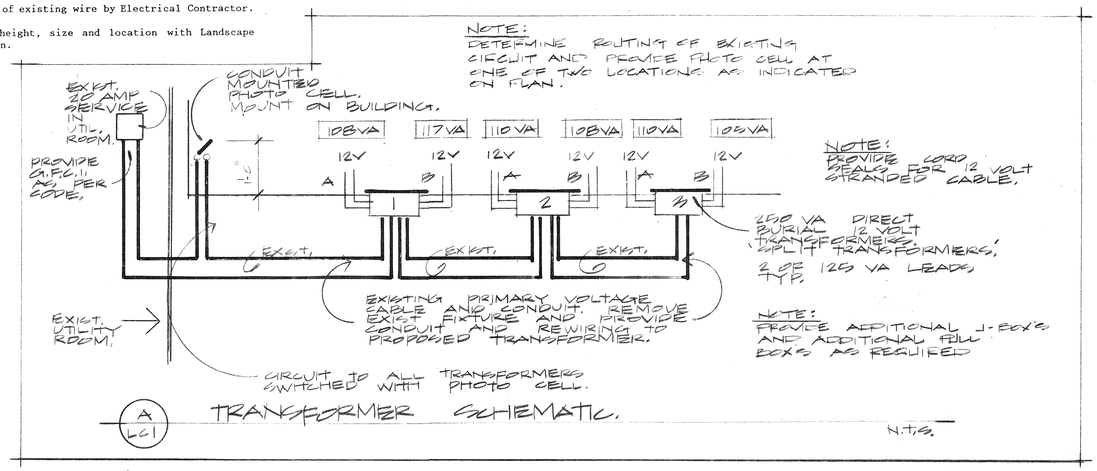


B LC1 TREE LIGHTS ELEVATION. N.T.S.



SECURE FLAT BAR TO BENCH LEG, W/ 2-¼" DIA. CARRIAGE BOLTS, NUT & WASHER. TACK WELD NUT FOR TAMPERPROOF. CLEAN & PAINT. TYP. ANCHOR FOR REAR BENCH LEGS MIN. 2. NOTE # 18, SHEET - L2.

C LC1 BRICK DETAIL PLAN VIEW. SCALE: 1½" = 1'-0"



A LC1 TRANSFORMER SCHEMATIC. N.T.S.

NOTE:
1. ALL TRADES SHALL BE COORDINATED BY THE GENERAL CONTRACTOR.
2. NOTIFY DIRECTOR OF MUSEUM OF WORK SCHED. PRIOR TO STARTING CONST. CALL MR. T. PATRICK BRENNAN - 622-1211.

NRHA

SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2401 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

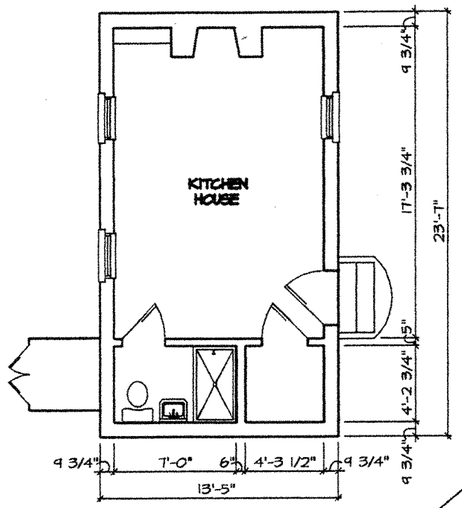
Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

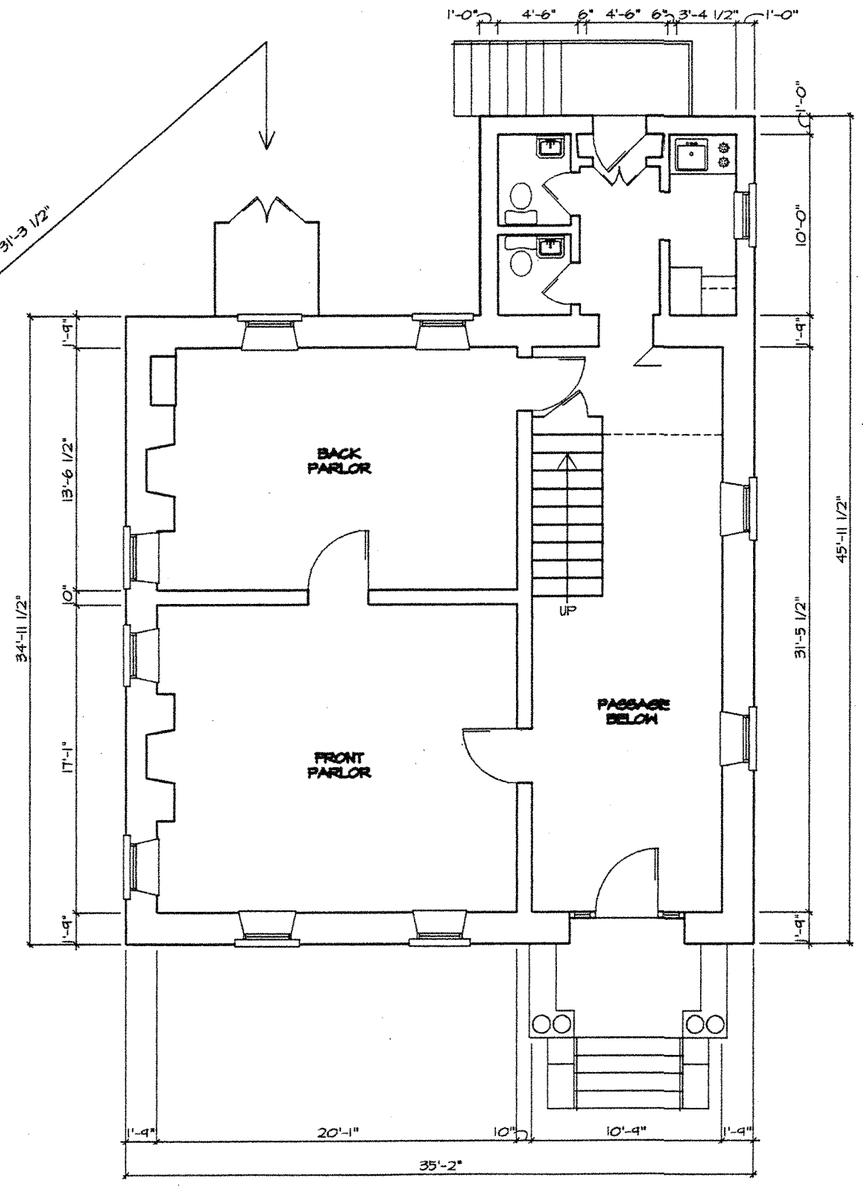
COVER SHEET

SCALE: AS SHOWN
DRAWN BY: JW/CDA
PROJECT NO.:
DATE: 5-24-00
REVISED:

DRAWING LC-1
SHT. 1 OF 5

NOTE:
UNLESS OTHERWISE INDICATED ALL ANGLES ARE DRAWN AT 90°. AS THE ACTUAL BUILDING MAY NOT BE TOTALLY SQUARE, MINOR DISCREPANCIES IN THE DIMENSIONS INDICATED ARE TO BE EXPECTED.





FIRST FLOOR

1/8" = 1'-0"

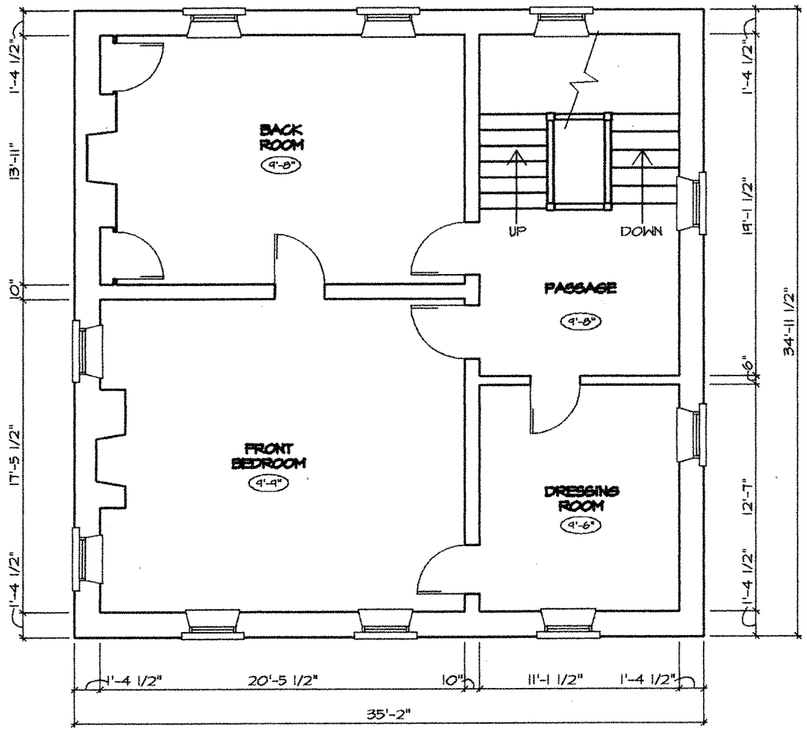
BURKHART THOMAS
ARCHITECTURE • INTERIOR DESIGN
A PROFESSIONAL CORPORATION
420 W BUTE ST. NORFOLK, VA 23510
804-622-7100 (FAX) 804-640-1014

CHRYSLER MUSEUM OF ART
WILLOUGHBY BAYLOR HOUSE

REVISIONS		
△	DATE	COMMENTS

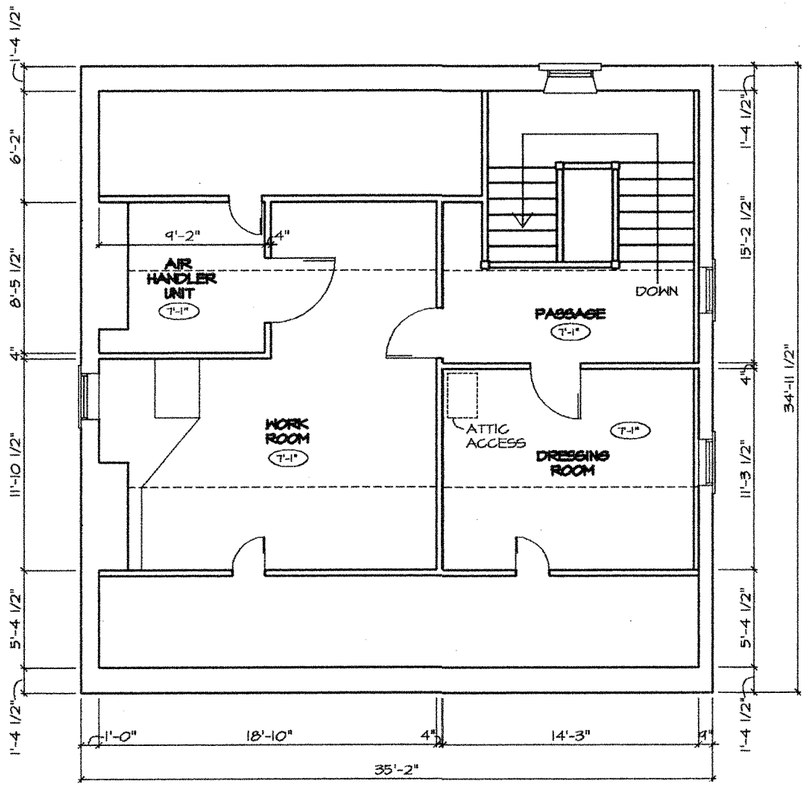
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96073IST FILE	
BGS DRAWN	
RJT CHECKED	

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SECOND FLOOR

1/8" = 1'-0"



THIRD FLOOR

1/8" = 1'-0"

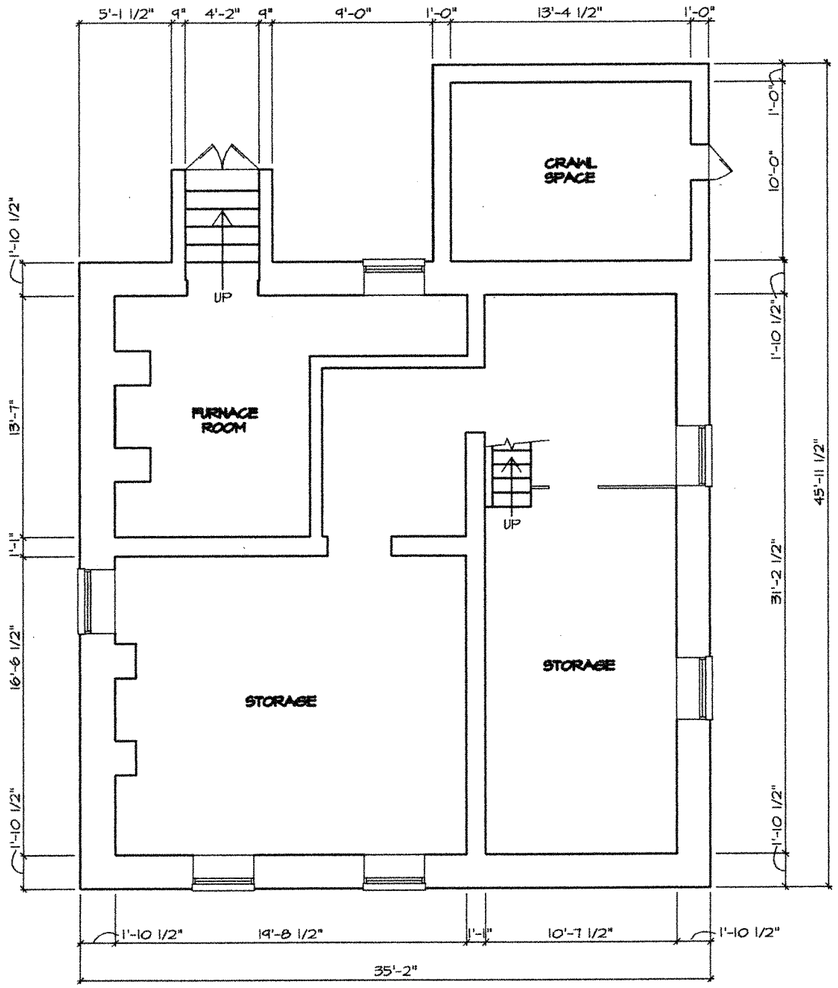
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7/16/96 DATE	A2
96013 COMM NO.	
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RJT CHECKED	

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BASEMENT

1/8" = 1'-0"

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WILLOUGHBY BAYLOR HOUSE

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3 OF 3	
1/16/96 DATE	A3
96073 COMM. NO.	
96073BAS FILE	
BGS DRAWN	
RJT CHECKED	

2-3/3 x 1/4 L

SPACE FOR CONDENSERS

COMP. PAD

WELL SYSTEM

AIR UNIT 4" PAD

BOILER 4" PAD

MACHINE ROOM
SCALE 1/4"=1'0"

SECT. A-A

Rein. mesh 6x6 #6 wire mesh

#7 GRAVEL

SUMP

12" PIPE

TO SUMP

EXCAVATED

INSULATE THIS PORTION

ORIGINAL OPENING

FACE OF EXISTING WALL

2-1/2" EXPANSION JT.

SECTION

LIQUID

DRAIN

SUCTION

HOT WATER

3' MIN.

3' MIN.

GRILLE OPT.

WOOD PARTITION

PORCH FOUNDATION

ORIGINAL GRILLE

BIRD SCREEN

2 Ductz 3X3X 3ft

2 Ductz 8X3X 16½

SECT. C-C
SCALE ¼"=1'0"

SECT. B-B (WALL OPENINGS)
SCALE ¼"=1'0"

NOTES:
PROVIDE NET RETURN AREA OF 3.32 FT² FROM FIRST FLOOR UNDER CUT INTERIOR DOORS.
PROVIDE VAPOR BARRIER OVER ENTIRE BASEMENT
LINE DUCT IN BOILER ROOM WITH 1" ACOUSTIC LINER.
DUCT SIZE SHOWN IS INTERIOR DIMENSION.

BRICK FL. LAID HERRING BONE PATTERN

ORIGINAL STORAGE AREA

Cut openings ½" larger (all sides) than duct size

CHIMNEY FOUNDATION

BRICK PAVING FOUND 1'-3" BELOW GR.

EARTH FL

GRILLE OPENINGS

PIPE IN CHASE
FULL SIZE

EQUIPMENT LAYOUT

RECEIVED
APR 1 1965
WALTER T. GREGORY CONSTRUCTION CORP.

COMMONWEALTH OF VIRGINIA
FINLAY F. FERGUSON, JR.
CERTIFICATE No. 706
REGISTERED ARCHITECT

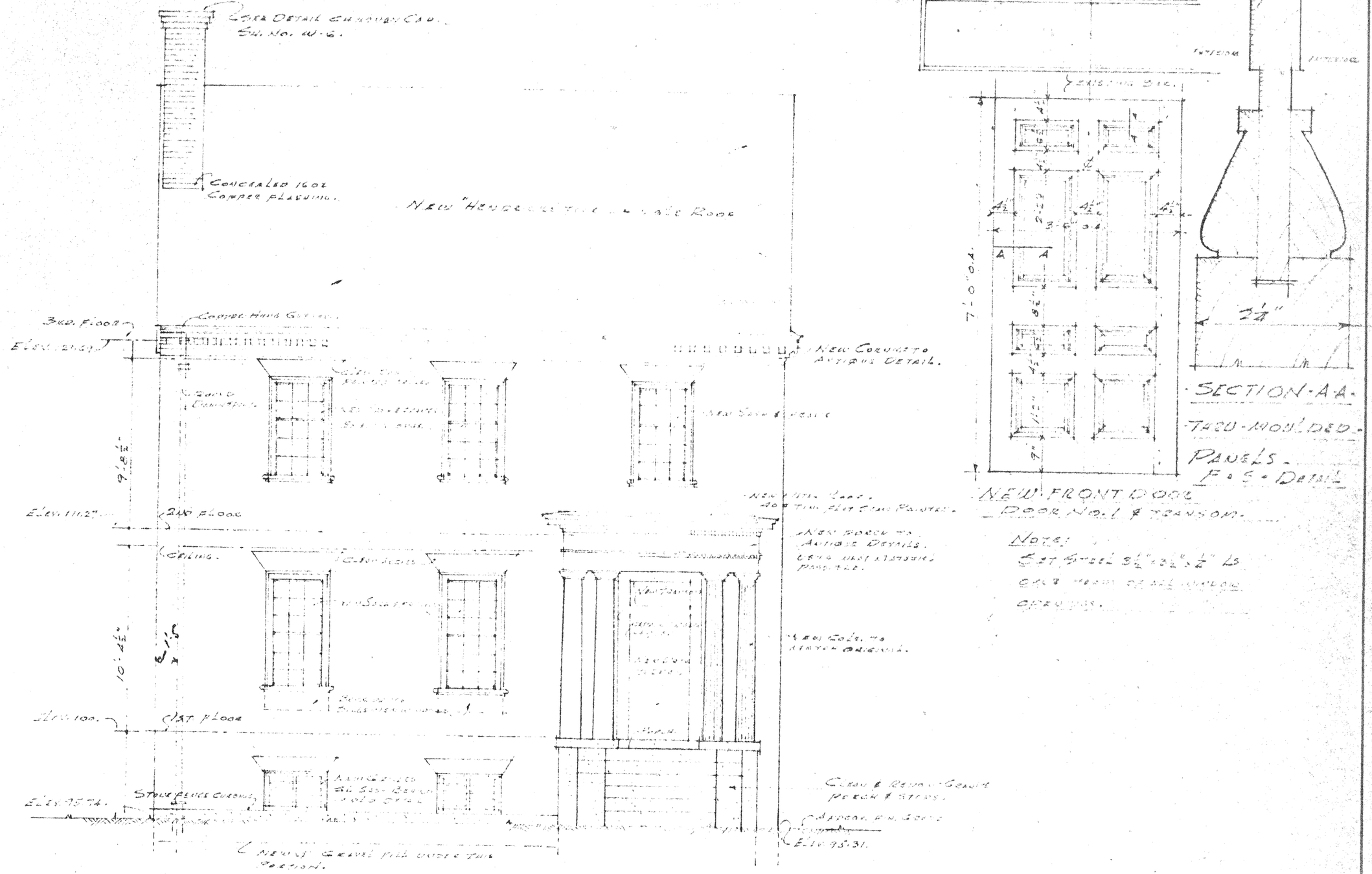
BASEMENT PLAN
SCALE ¼"=1'0"

WILLOUGHBY-BAYLOCK APTS.
NORFOLK VIRGINIA

BASEMENT PLAN | SCALE 1/4"=1'0" | DRAWN BY | REVISED

FINLAY F. FERGUSON
ARCHITECT

DATE 12/10/64 | APPROVED BY | DRAWING NUMBER A-1



North (Front) Elevation.

Scale ¼" = 1'-0"

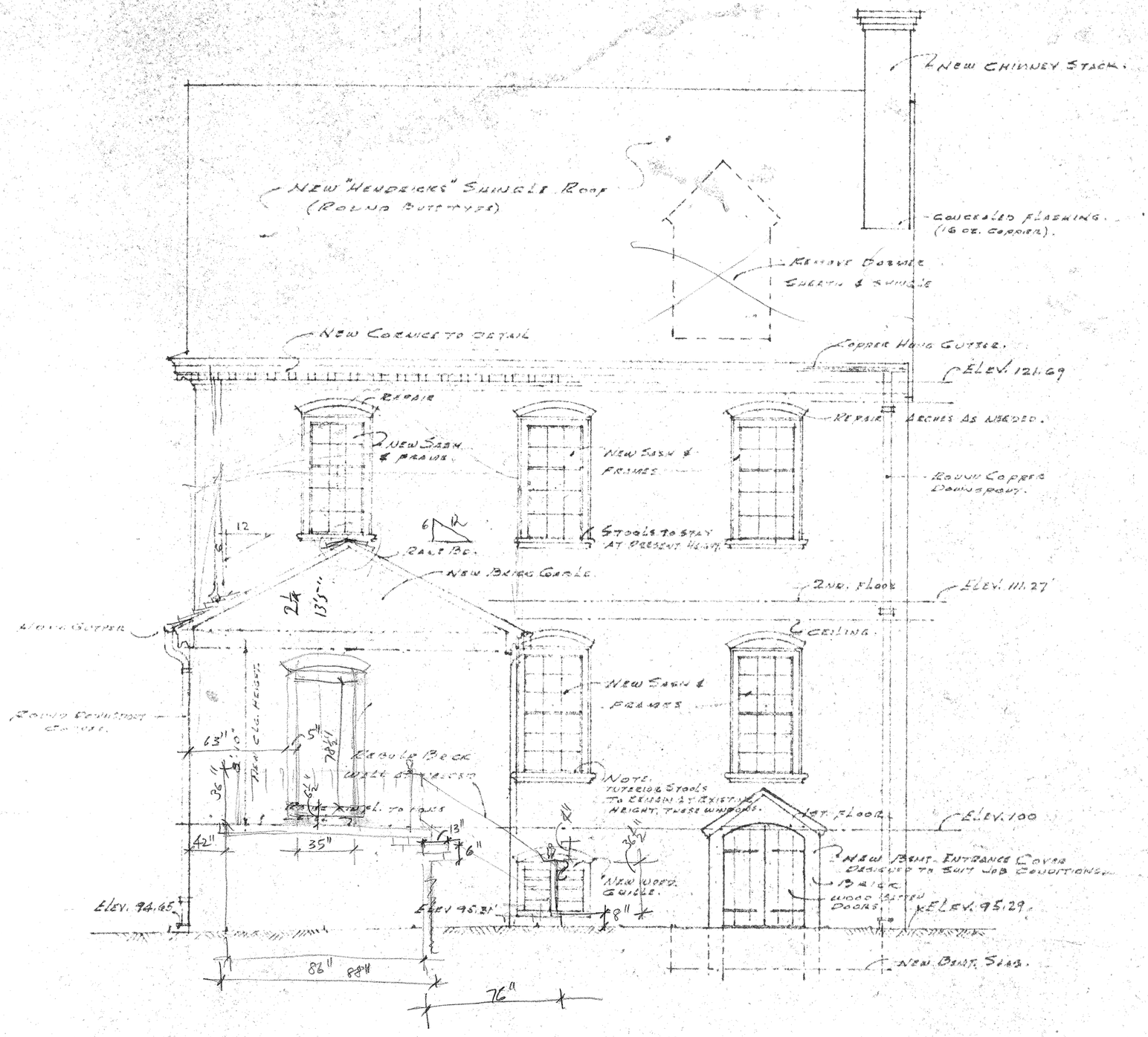
New Front Door Door No. 1 & Transom.

Note:
Cut Sheet 3½" x 32" x ½" Lg. over Head to Seal Window openings.

Commonwealth of Virginia
Finlay F. Ferguson, Jr.
Certificate No. 708
Certified Architect

Willoughby-Baylor-House Norfolk Virginia.		
Front Elevation.	Scale ¼" = 1'-0"	Drawn by JB
		Revised
Finlay F. Ferguson, Architect.		
Date 3/10/65 12/10/64	Approved by	Drawing Number W-4

K-E Crystalene ® 10 9488 Keuffel & Esser Standard Food



13'-5"
13'-1"
4"

3"
4
7"

with staircase 49"

SOUTH (REAR) ELEVATION.

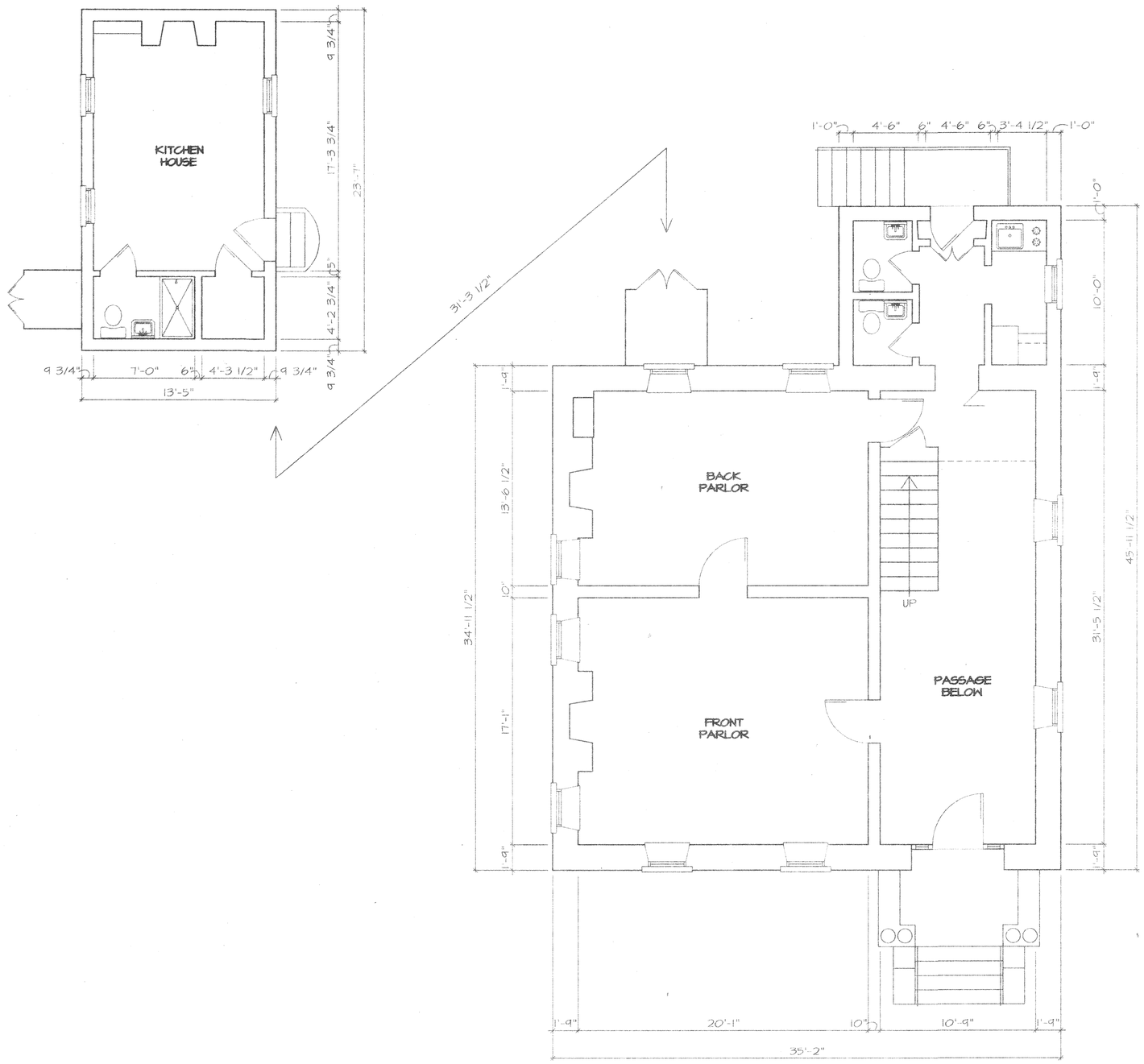
SCALE 1/4" = 1'-0"

REVISIONS			
NO.	DATE	BY	
1	3/12/65	[illegible]	
2			
3			
4			
5			

- REAR ELEVATION -

DRAWN BY [illegible]	SCALE As Noted	MARBROOK	
CHK'D [illegible]	DATE 2.16.65	DRAWING NO.	A-7
TRACED /	APP'D		

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FIRST FLOOR

1/4" = 1'-0"

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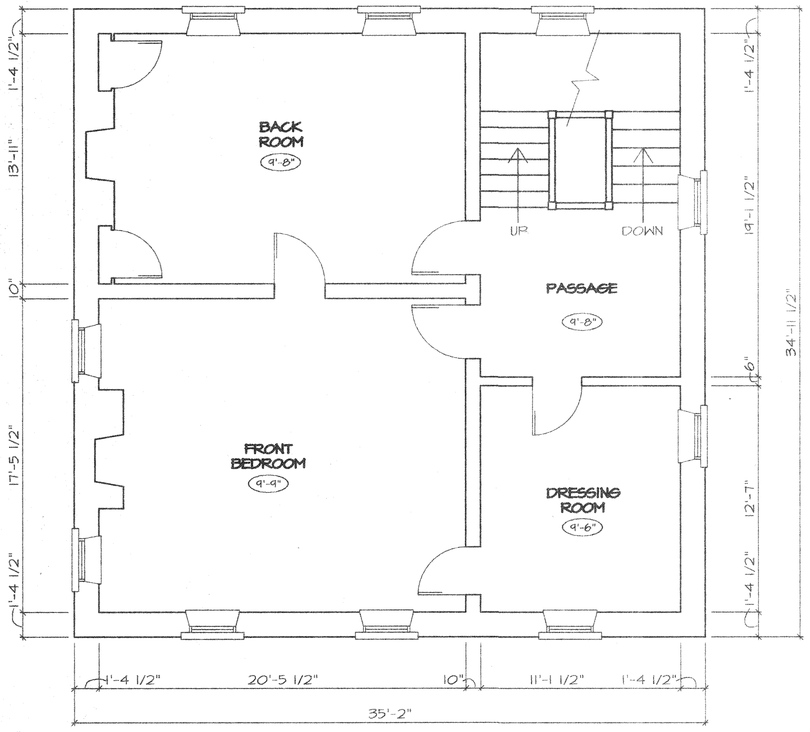
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WILLOUGHBY BAYLOR HOUSE

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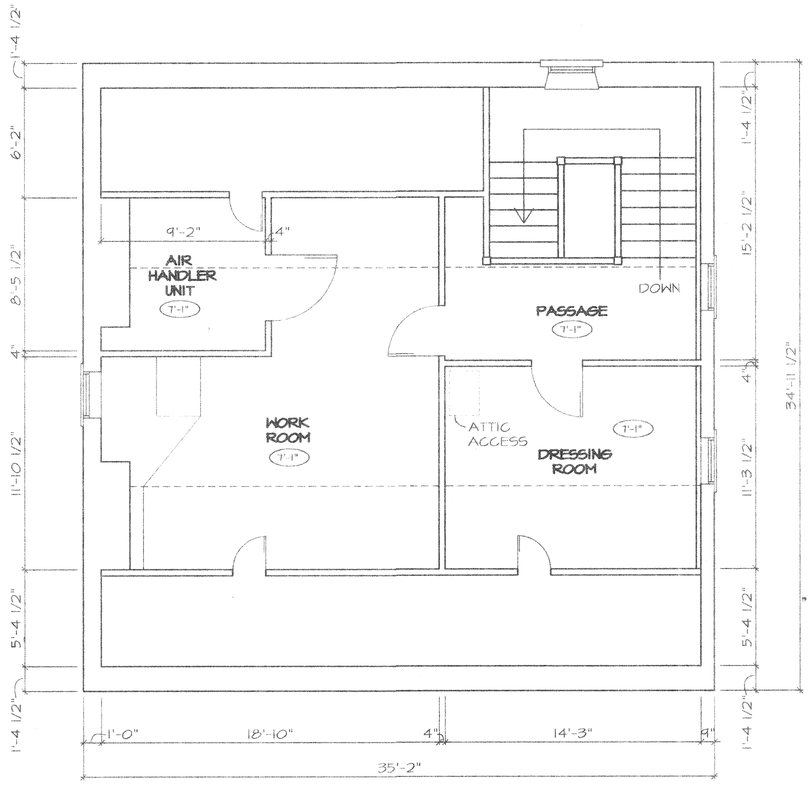
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SECOND FLOOR

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THIRD FLOOR

1/4" = 1'-0"

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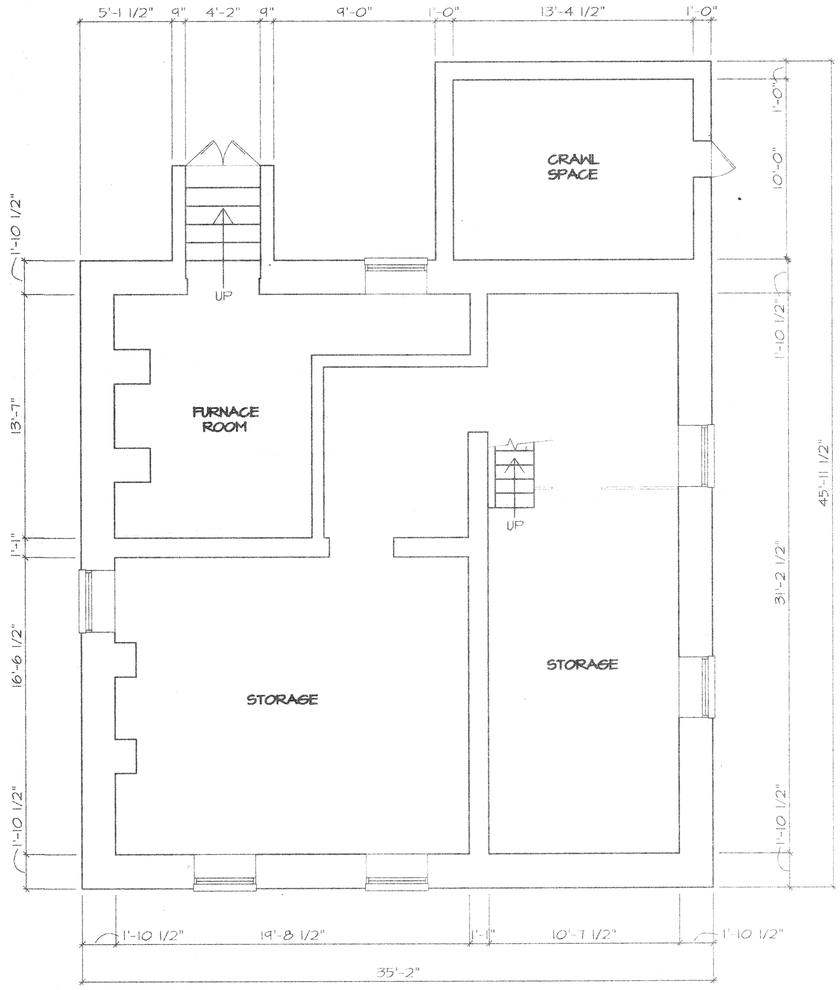
CHRYSLER MUSEUM OF ART
WILLOUGHBY BAYLOR HOUSE

REVISIONS

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2 OF 3	
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3 OF 3	
7/16/96 DATE	A3
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Freemason Street

Cumberland Street

Willoughby - Baylor House

GROUND COVER

SHRUBS

LAWN

HERBS

BRICK

GRAVEL

Arbor

FUTURE BRICK TERRACE

Well

Kitchen

CONTROLLER

BACKFLOW PREVENTOR (A / L8)

DOOR LOCATION.

LIMITS OF WORK

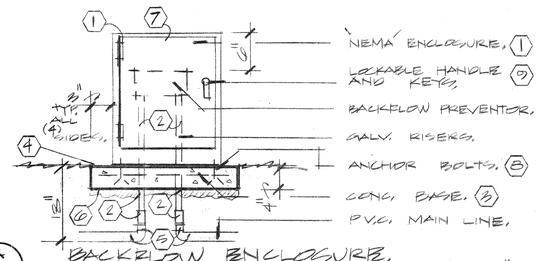
Grounds = 42,336 SF

Notes:

1. PIPING AND VALVES SHALL BE LOCATED SO THAT THE FOLLOWING PLANTING AREAS ARE WATERED INDEPENDENT OF EACH OTHER AND ARE LOCATED ON SEPERATE ZONES ON THE CONTROLLER.
   A. HERBS.
   B. GROUND COVER AND SHRUBS.
   C. LAWN.
2. PROVIDE DESIGN DRAWING AS PER SPECIFICATIONS.
3. HEAD LAYOUT AS SHOWN IS CONCEPT ONLY. INCREASE HEADS AND SPACING TO COMPLY WITH SPECIFICATIONS AND PROVIDE HEAD TO HEAD COVERAGE THRU NOZZLE SELECTION AND SPACING.

LEGEND:

- LAWN HEAD AND ZONE. - TORO '700' SERIES OR EQUAL.
- SHRUB AND GROUND COVER HEAD AND ZONE. - TORO '670' SERIES WITH 12" POP-UP, OR EQUAL. PROVIDE (PCD) AS REQUIRED.
- HERB HEAD AND ZONE. - TORO '670' SERIES OR EQUAL WITH 'LOW GALLONAGE' NOZZLES AND BRASS 12" LOW GALLONAGE NOZZLES, 12" POP-UP W/ (PCD)
- BUBBLER HEAD - PRESSURE COMPENSATING FLOOD BUBBLER NOZZLE ON 6" '670 SERIES' TORO HEAD OR EQUAL.



BACKFLOW ENCLOSURE. SECTION - ELEVATION. SCALE: 3/4"=1'-0" (A / L8)

IRRIGATION NOTES

1. PROVIDE GALVANIZED 'NEMA' ENCLOSURE AROUND BACKFLOW PREVENTOR.
2. GALVANIZED RISER AND THREADED COUPLING.
3. 3000 P.S.I. AIR ENTRAINED CONCRETE WITH 6" X 6" W1.4 X W1.4.
4. 3/4" BEVEL CONTINUOUS.
5. P.V.C. MAIN LINE AND SLIP X MPT COUPLING.
6. 3 INCHES OF POROUS FILL COMPACTED.
7. PRIME AND PAINT NEMA ENCLOSURE. COLOR SELECTED BY OWNER.
8. 4 OF 3/8 INCH BY 3 INCH LONG GALVANIZED ANCHOR BOLTS BY 'HILTI'.
9. PROVIDE LOCKABLE HANDLE AND KEYS.

NRHA Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING • SITE DESIGN • LANDSCAPE ARCHITECTURE
2020 North Lynnhaven Road, Suite 100 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

IRRIGATION PLAN

SCALE: 1/4"=1'-0"
DRAWN BY: CDA,
PROJECT NO.:
DATE: 5-24-90
REVISED:

DRAWING L8
SHT. 9 OF 9

Freemason Street

Cumberland Street

Willoughby - Baylor House

Well

Arbor

Kitchen

EX. BRICK.

EX. BRICK AND IRON FENCE.

EX. BRICK TO REMAIN.

EX. BRICK.

EX. BRICK TO REMAIN.

EX. BRICK TO REMAIN.

EX. BRICK TO REMAIN.

EX. TRUNK OF MULTI-STEM TREE TO REMAIN.

(2) REMOVE LIGHT FIXTURE.

(1) REMOVE GATE.

(29) SALVAGE GATE HARDWARE

(2) REMOVE LIGHT FIXTURE

(22) REMOVE 41 WOOD FENCE.

(23) REPAINT BENCH.

(1) REMOVE GATES.

(9) REMOVE PEAR

(2) REMOVE LIGHT FIXTURE.

(7) REMOVE QUINCE.

(7) REMOVE

(11) REMOVE

(11) REMOVE

(11) REMOVE

(3) REMOVE BRICK CURB.

(2R) RELOCATE SHRUBS.

(16) REMOVE SHRUBS.

REMOVE BRASS

REMOVE BRICK

REMOVE MISC. WOOD DETAIL

REMOVE 5' WOOD FENCE.

REPAIN BENCH

RELOC EXIST SHRUB NOTED.

SALVA (4) TOP AM.

REMOV SHRUB WISTER

REMOV BRICK AND ED

REMOV

BOXWOOD

WAX MYRTLE

LIVE OAK

HOLLY

WISTERIA

YAUPON HOLLY

BRADFORD PEAR

HAWTHORN

BOXWOOD & ROSES

PINE

DOGWOOD

OAK

AZALEA

VIBURNUM.

CHERRY

Notes:

DEMOLITION NOTES

1. Remove wood gate and posts. Rebuild as per detail. Remove and replace brick paving as required. See detail.
2. Remove Light fixture and connect circuit to new 12 volt transformer. See lighting plan.
3. Remove picket fence, concrete posts footings and posts. Well Structure and well support posts to remain. Rebuild fence as per detail. Remove and replace brick paving as required.
4. Remove brick curb and foundation if found. Regrade area flat. Soil preparation by landscape contractor.
5. Remove selected rotten wood members related to arbor. See detail for extent of demolition and rebuilding.
6. Remove wood privacy fence, concrete post footings and posts. Rebuild fence as per detail.
7. Remove barberry hedge and root mass. Backfill excavation. Soil preparation by landscape contractor.
8. Remove brick curb. See item # 4.
9. Remove tree and root mass. Excavate root ball. Fill hole with topsoil and regrade. Soil preparation by landscape contractor.
10. Remove shrub and root ball. Fill hole with topsoil and regrade. Soil preparation by landscape contractor.
11. Cut down trees and trunk of Multi-stem trees as indicated. Stumps shall be ground to 4 inches below grade with a root grinder.

RELOCATION NOTES

1R. Relocate existing boxwoods. Work to be completed by landscape contractor. See planting plan for new location.
2R. Relocate existing dwarf boxwoods. Work to be completed by landscape contractor. See planting plan for new location.

SALVAGE NOTES

1S. Existing holly trees to be removed with tree spade and shall be the property of the landscape contractor. Backfill hole with topsoil and regrade.
2S. Gate hinges, chain and cannon balls to be removed, cleaned, painted and reinstalled as per hardware schedule.
3S. Bench to be Stripped and repainted with 2 coats of paint.
4S. Existing boxwood to remain.

NOT FOR CONSTRUCTION

NRHA
Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING . SITE DESIGN . LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 110 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Demolition Plan

SCALE: 1/8" = 1'-0"
DRAWN BY: CDA,
PROJECT NO.:
DATE:
REVISED:

DRAWING
L1
SHT. OF

Freemason Street

EXIST. BRICK PARKING COURT

Parking Court

NEW SIGN TYP. OF 2

Willoughby - Baylor House

GRAVEL WALK

EXIST. BRICK

BRICK PAVING

Garden

FRUIT RAIL TYP. OF 4

GRAVEL WALK

TYP. GATE

RAIN GUTTER

Well

EXIST. BRICK

ARBOR

Arbor

BENCH

Future Patio

BRICK PAVING

5' PLANK FENCE

Kitchen

EXIST. BRICK

FUTURE BRICK PATIO N.I.C.

5' PLANK FENCE

BRICK PAVING

SERVICE GATE

4'-0" STEP FENCE

GRAVEL PAVING

Cumberland Street

NOT FOR CONSTRUCTION

NRHA

SISKA AURAND

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Site Improvements for: Historic Willoughby-Baylor House

Freemason and Cumberland Streets
Norfolk, VA

Layout and Dimension Plan

SCALE: 1/8"=1'-0"
DRAWN BY: JW/CPA
PROJECT NO.:
DATE:
REVISED:

DRAWING L2
SHT. OF

Freemason Street

Cumberland Street

Willoughby - Baylor House

Well

Kitchen

Arbor

Notes:

Willoughby-Baylor

NOTES: Guide Specifications for 12 Volt Light System

1. Wire to be direct burial cable 12-2 AWM or 10-2 AWM by 'Nightscaping' or equal. Tree cable to be 12-2 AWM by 'Nightscaping'. 12 volt system only. Wire to be braided type cable with black p.v.c. insulating coating.
2. Contractor to acquire all required inspections.
3. Transformer to be maximum 100 ft. away from furthest light fixture. Direct burial transformers to be model # JB-60 by 'Hadco'. Wire for 12 volt line voltage on secondary side of buck-boost transformer.
4. Locate tree cable on limb and trunk sides away from major activity areas. Secure with nylon cable clips. Cable clamps to be located at 3 feet on center along the length of the cable. Increase nail size in cable clamp to prevent removal. Provide compression connectors and waterproof connections at the connection between the cable and the tree light. Light and cable location to be determined in the field by the landscape architect.
5. Direct burial lights to be installed outside of all tree root balls.
6. Contractor to verify panel box location. Expand panel as required. Existing exterior light circuit to be used for 12 volt light system is 20 amp service.
7. Comply with all state and local electrical codes.
8. All disturbed sod, planting, and mulch beds are responsibility of electrical contractor to repair.
9. Contractor to verify available power source in panel. Expand panel as required.
10. All lights to be ordered with flat black finish by manufacturer.
11. Bore or sleeve under paving as required. Sleeves to be provided by Electrical Contractor.
12. Nightscaping available through Lightscapes, Richmond, VA 1-800-635-1068.
13. Direct wire and switch transformer with photo electric cell as shown. Photo cell location to be located in the field at the one of the two locations as noted.

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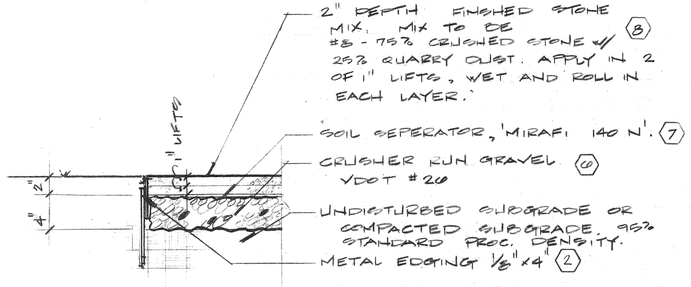
SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2101 North Lynnhaven Road, Suite 140 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 461-9124

Lighting Plan

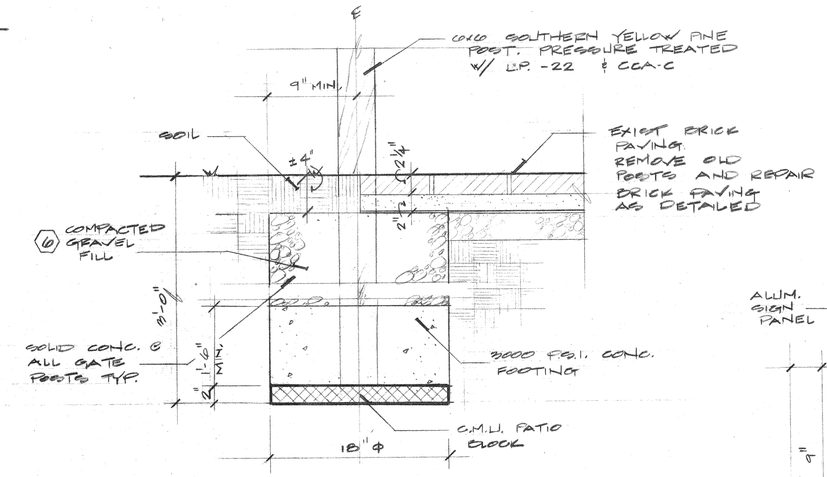
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DRAWING L3
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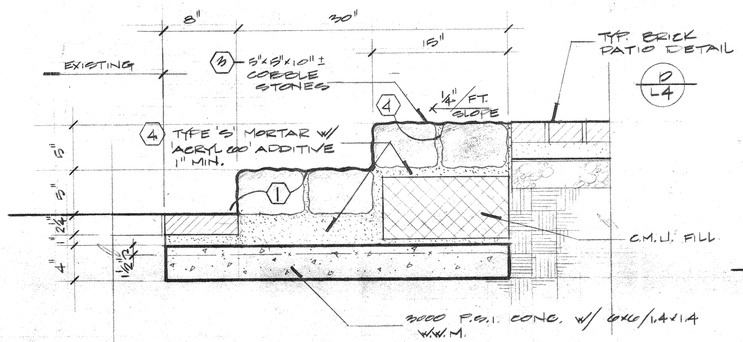
Notes



1 L4 TYP. GRAVEL WALK
1½" = 1'-0"



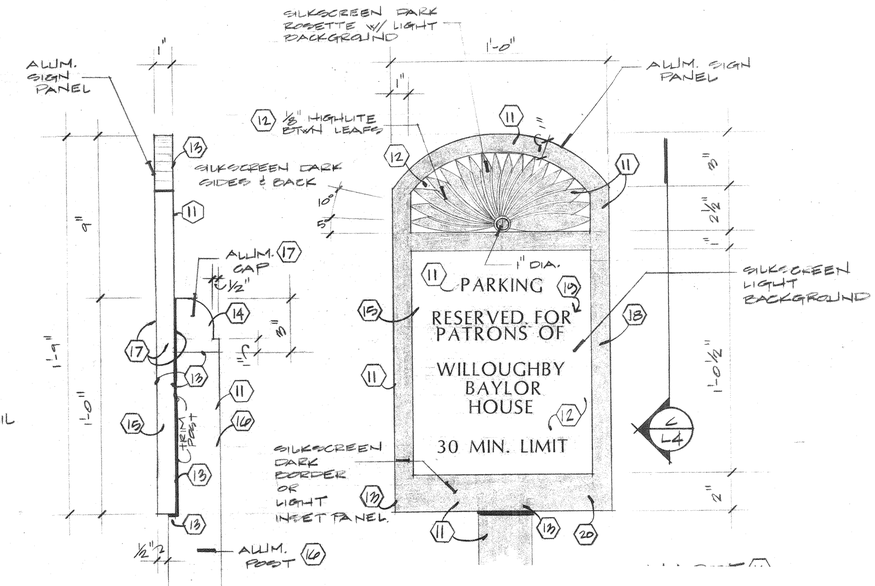
E L4 TYP. POST BASE DETAIL
1½" = 1'-0"



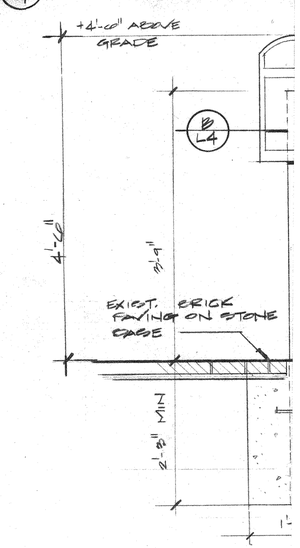
E L4 COBBLE STEP DETAIL
1½" = 1'-0"

LETTER STYLE FOR SIGN - DETAIL B-L4.

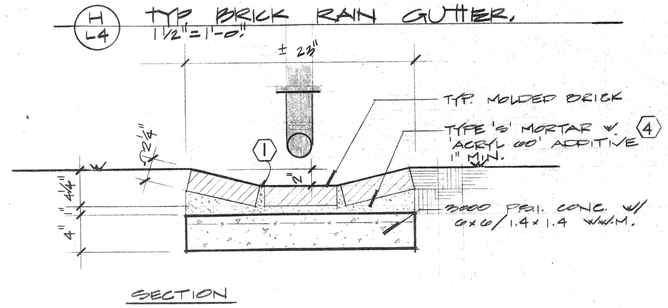
(17) 723 ITALIAN OLD STYLE ULTRA BOLD
Fonts Pro 20 points
ABCDEFGHIJKLMNOPQRSTUVWXYZÆŒÇØ
defghijklmnopqrstuvwxyzæœøçß1234567890(£$¢&/?¿



C L4 SIDE VIEW
3" = 1'-0"

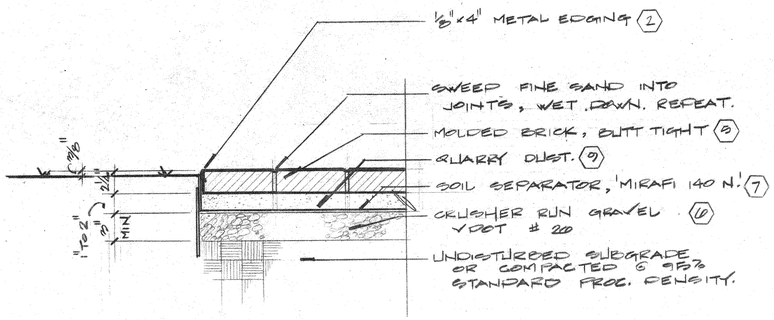


A L4 TYP. PARKING
1" = 1'-0"



H L4 TYP BRICK RAIN GUTTER.
1½" = 1'-0"

G L4 TYP. BRICK RAIN GUTTER
1½" = 1'-0"



B L4 BRICK PATIO DETAIL
1½" = 1'-0"

Willoughby-Baylor Site Notes:

1. 3/8 inch maximum joint width with grape vine tool joint.
2. "Ryerson" steel edging painted flat black or "Perma-loc" black anodized aluminum edging with stakes as supplied by manufacturer. Corner splices to have minimum of 3 inches of overlap and bolted.
3. Granite cobble stones as provided by museum. Clean prior to setting.
4. Type "S" mortar with latex based additive. "Acryl 60" by Thoro-products or approved equal.
5. Hand molded Brick Pavers as manufactured by "Old Virginia" Color to be "Old Virginia # 24".
6. Compacted Crusher Run - VDOT # 26 Sec 206.
7. Soil separator - "Mirafi or "Duon" 2.5 ounce U.V. stabilized non-woven soil separator.
8. Surface gravel to be a mixture of 75% Gray #8 crushed granite mixed with 25% Quarry dust (Stone screenings VDOT Section 206). Install 1 inch lifts, wet each lift and then roll for compaction of material. Submit sample for approval.
9. Compacted Quarry dust (Stone screenings VDOT # 206).
10. Undisturbed subgrade or compacted subgrade.
11. Dark blue green or brick red to match residence. Colors selected and approved by landscape architect. Paint sign with 2 coats minimum and silk screen graphics on panel with this color.
12. Buff color to match residence. Colors selected and approved by landscape architect. Silk screen or paint color as shown on drawing.
13. Weld and grind weld smooth. Bevel and round all corners.
14. 1/8 inch sheet stock aluminum cut to shape as shown.
15. Box style sign panel with interior bracing or solid aluminum sign panel at the discretion of the contractor.
16. 3 1/2 or 4 inch square aluminum post. Minimum wall thickness to be .125 inches thick. Provide with non sharp edges. Alloy 6063-t52 or approved equal.
17. Bend sheet stock to form closed top on post. Weld to side pieces typical. Provide closed top, sides and rear of sign as shown.
18. Provide shop drawing for approval prior to fabrication of sign.
19. Graphic font style to be Italian old style ultra bold or approved equal.
20. Paint shall be 2 coats of "Acrylic Polyurethane" as manufactured by "Mathews Paint Company" or "Dupont" equal.
21. Sign as manufactured by Hart Architectural Signage, Chesapeake, VA or approved equal.

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Site Details

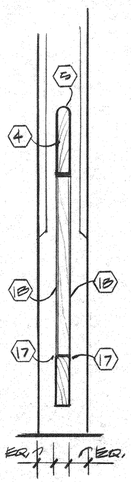
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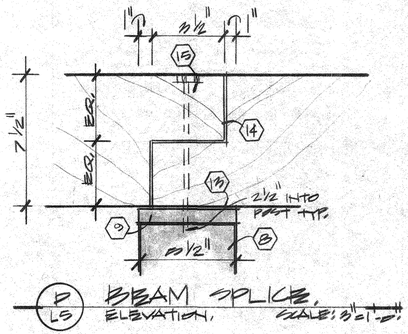
NOTES:

Willoughby-Baylor Arbor

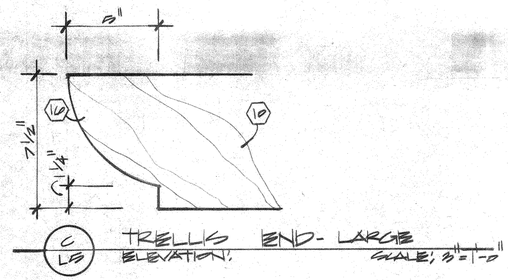
1. Provide 2 backless teak benches. Provide anchors as detailed.
2. 2 x 4 W.R.C. Trimmed to width as shown.
3. 2 x 6 W.R.C.
4. 2 x 8 W.R.C.
5. 1/2 Round route on top of rail.
6. Provide two coats of Exterior Grade solid opaque white stain by "Norfolk Paint, Duron Paint or Sherwin-Williams Paint."
7. Route 45 degree bevel on all four sides of existing posts typical.
8. Existing arbor wood to remain typical. Fill nail holes and patch with exterior grade wood filler as required.
9. Patch post tops as required. Fill nail holes and patch with exterior grade wood filler as required.
10. 3 x 8 W.R.C.
11. 2 X 8 W.R.C.
12. Coat existing post bases with 2 coats "C-tar 1010" as available at Norfolk Paints.
13. Fill nail holes and patch with exterior grade wood filler as required.
14. Splice joint as shown. Caulk joint to provide watertight joint.
15. 1/4 inch diameter minimum galvanized lag bolt at joint splice typical. Countersink bolt head and washer typical.
16. Cut shape as shown and lightly sand.
17. Provide 45 degree bevel on top sides of horizontal grille rails typical.
18. Provide 45 degree bevel on all sides or vertical grille rails typical.
19. Alter existing brace as required to allow for new arbor connection.
20. Remove top arbor members as indicated. Posts and angle bracing to remain.
21. Remove horizontal arbor members as indicated. Posts and angle bracing to remain.



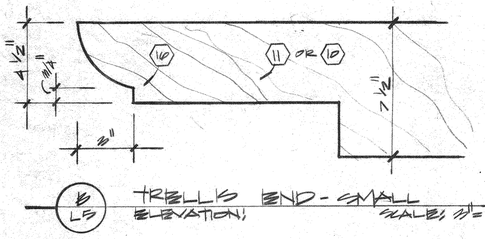
E/L5 ARBOR RAILS, SECTION. SCALE: 3"=1'-0"



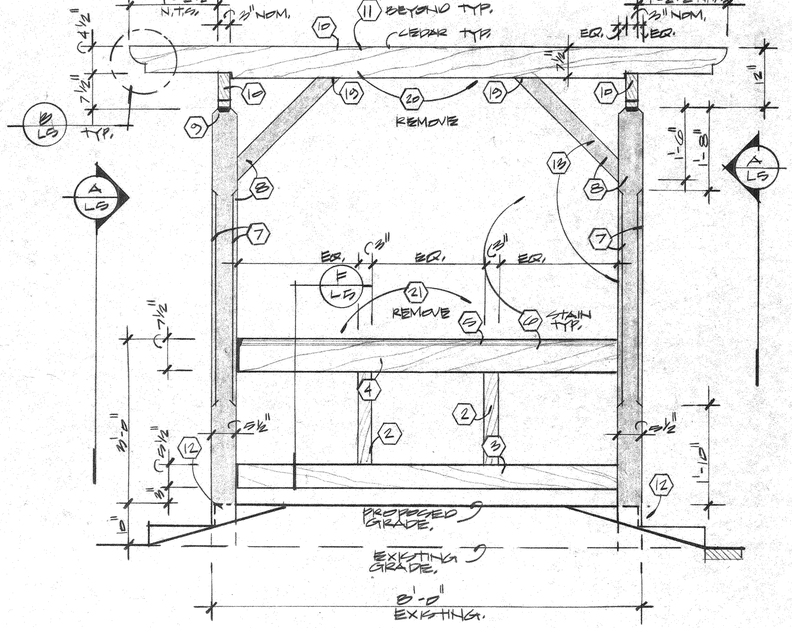
F/L5 BEAM SPLICE, ELEVATION. SCALE: 3"=1'-0"



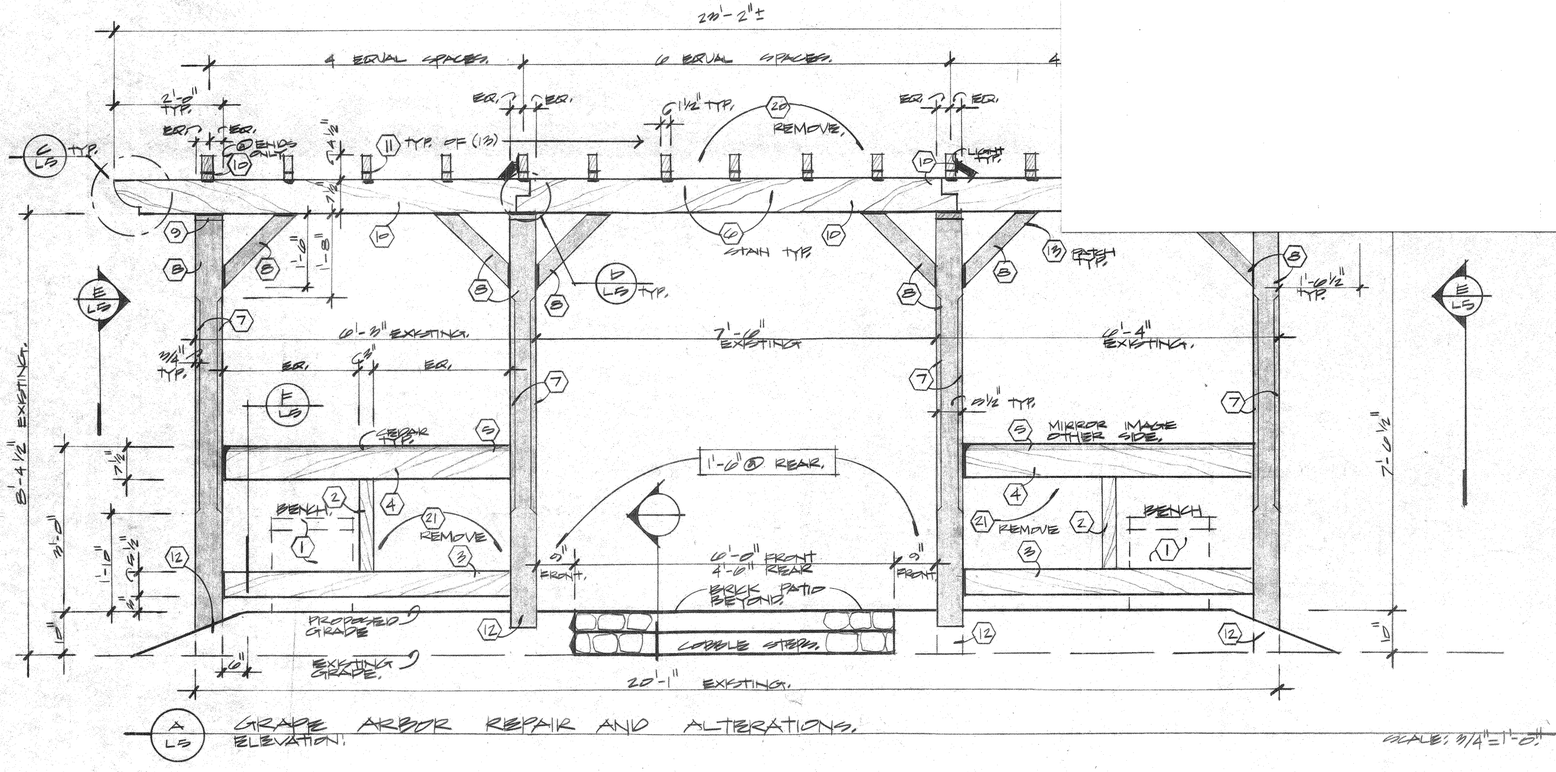
C/L5 TRELLIS END - LARGE ELEVATION. SCALE: 3"=1'-0"



D/L5 TRELLIS END - SMALL ELEVATION. SCALE: 3"=1'-0"



E/L5 SIDE VIEW - ARBOR ELEVATION. SCALE: 3/4"=1'-0"



A/L5 GRADE ARBOR REPAIR AND ALTERATIONS, ELEVATION. SCALE: 3/4"=1'-0"

NOT FOR CONSTRUCTION

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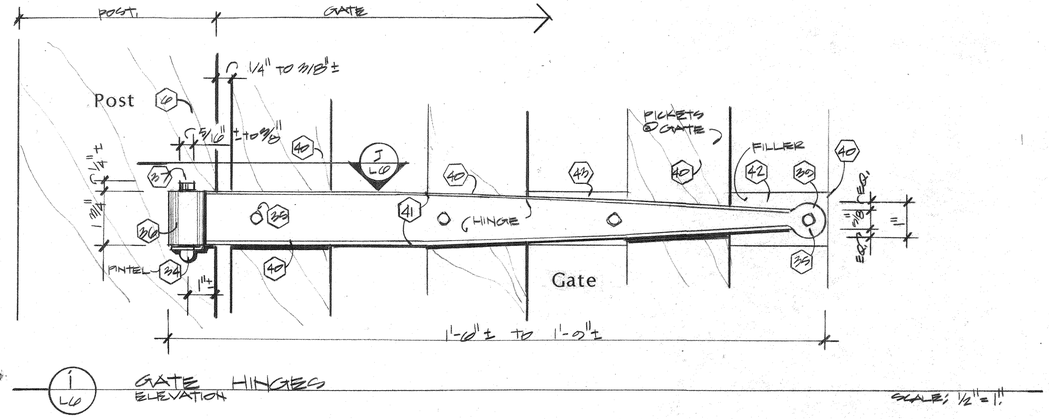
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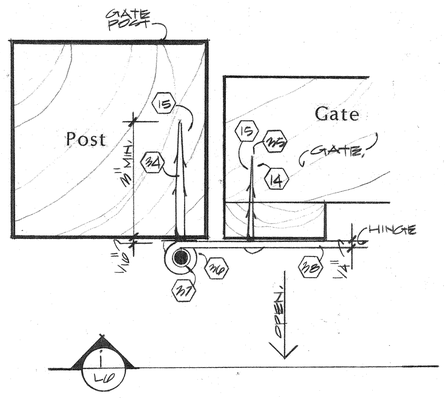
Arbor Detail

SCALE: AS SHOWN
DRAWN BY: CDA,
PROJECT NO.:
DATE:
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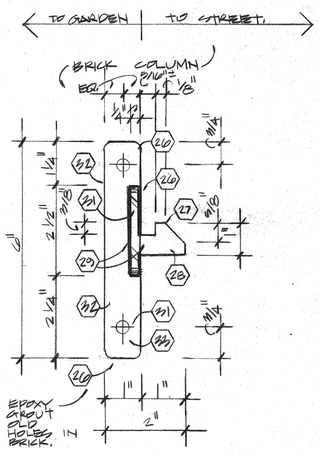
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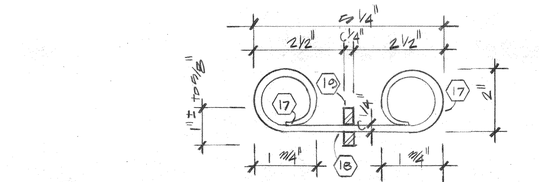
I LG0 GATE HINGES ELEVATION; SCALE; 1/2"=1'



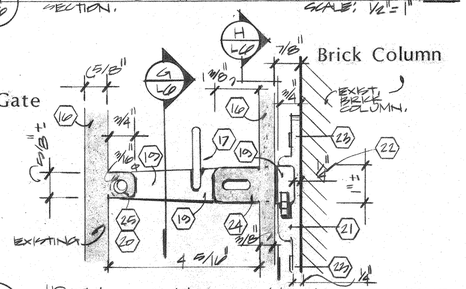
J LG0 GATE HINGE SECTION; SCALE; 1/2"=1'



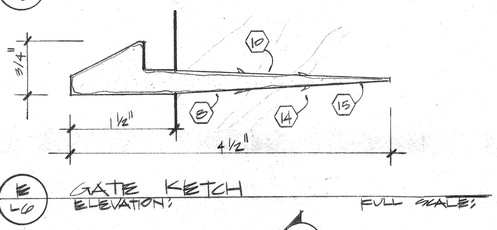
H LG0 IRON GATE LATCH, ELEVATION SCALE; 1/2"=1'



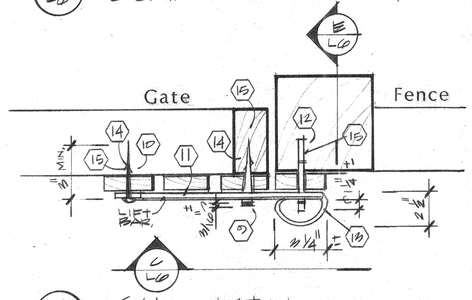
G LG0



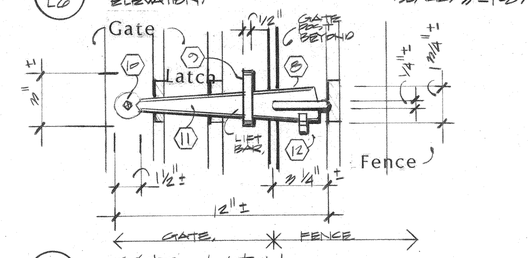
F LG0



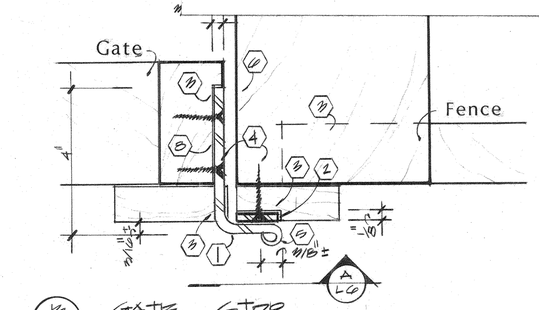
E LG0



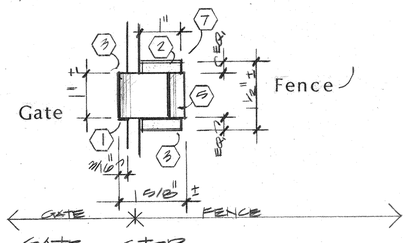
D LG0



C LG0



B LG0



A LG0

Hardware Schedule

GATE LOCATION.	LATCH	HEIGHT.	STOP	HEIGHT	QNT.	HINGES	HEIGHT.	CLOSURE.	FENCE TYPE
FREEMASON (A)	F-LG	MATCH EXIST.	N/A	—	—	N/A	N/A	N/A.	EX. IRON.
GARDEN (B)	N/A	—	B-LG		2	J-LG	MATCH EXIST.	CANNON BALL,	WOOD PICKET
GARDEN (C)	N/A	—	B-LG		2	J-LG	"		WOOD PICKET.
STORAGE (D)	N/A	—	B-LG		1	REUSE (B)			WOOD PLANK
STORAGE (E)	N/A	—	B-LG		1	REUSE (C)			WOOD PLANK
CUMBERLAND (F)	D-LG		B-LG		1	J-LG			WOOD PICKET
CUMBERLAND (G)	D-LG		B-LG		1	REUSE (F)			WOOD PICKET.

Notes

Willoughby-Baylor Hardware Notes:

1. Gate stop from 3/16 inch T. forged iron. Bend as shown.
2. 1/8" T. x 1" x 1 1/2" iron bumper plate with 2 countersunk holes as shown.
3. Chisel wood and recess plate or horizontal rail flush with wood member as shown.
4. Galvanized tamper resistant screws - 1 1/2" L. Min.
5. Provide fish tail forging on end as shown.
6. 6 x 6 Gate post as shown.
7. Mounting height as per Hardware schedule. Provide one coat of primer and two finish coats of paint to all gate hardware. Color to match fence.
8. 3/16 inch T. forged iron stock typical.
9. Forged staple from 3/16 inch T. iron stock.
10. 1/4 inch diameter forged iron spike. Pre-drill holes typical.
11. Forged iron lift bar with beveled corners.
12. Forged gate ketch.
13. Forged pig-tail handle. 1/4 to 3/16 inch diameter.
14. Provide forged lugs on all spikes to prevent removal of spike.
15. Pre-drill holes for all spike mountings to prevent splitting of wood.
16. Existing iron gate.
17. Forged pig-tail handle. 1/4 to 3/16 inch diameter.
18. Drill bar stock and weld.
19. Forged lift bar from 1/4 inch T. iron stock.
20. Remove existing ornamental lift bar.
21. Forged gate ketch. See detail.
22. Patch damaged brick with epoxy grout as required.
23. 1/4" Diameter x 3" L. minimum Galvanized masonry bolt and shield.
24. Existing lock clasp hole.
25. 3/16 inch diameter rivet or tamper resistant bolt.
26. 1/4 inch radius at all corners.
27. Bevel edges of forged ketch typical.
28. Forged gate ketch as shown.
29. Forge or weld shape as shown.
30. Drill hole for 1/4 inch diameter bolt typical.
31. 1/4 inch T. forged iron stock.
32. Bevel edge typical.
33. Field adjust sizes as shown for actual conditions.
34. Forged iron Gate pintel and spike as shown.
35. 2 1/2 inch L. Spike or equal lag bolt.
36. Forged hinge socket as shown. Provide total bonding of metal at joint.
37. 3/8 + or - inch diameter hinge pivot rod.
38. Hinge forged from 1/4 inch T. iron stock.
39. 3/16 inch T. decorative medallion on hinge plate.
40. Fence picket typical.
41. Bevel hinge edge typical.
42. Wood blocking at this location typical.
43. 2 x 4 Horizontal rail beyond.

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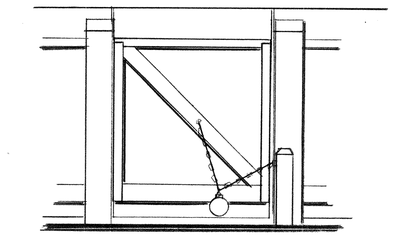
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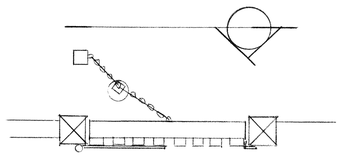
Gate Hardware

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DATE:
REVISED:

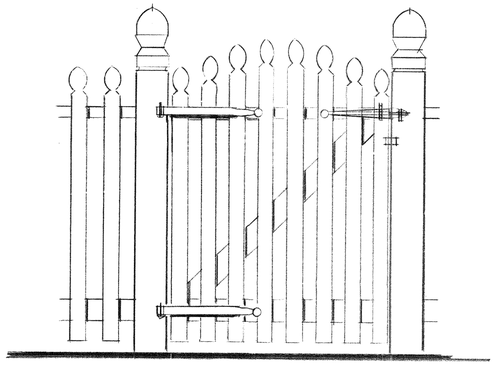
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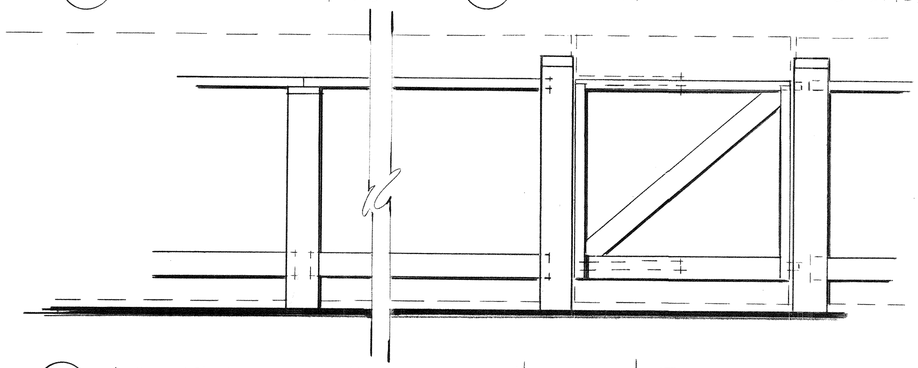
GATE CLOSURE.



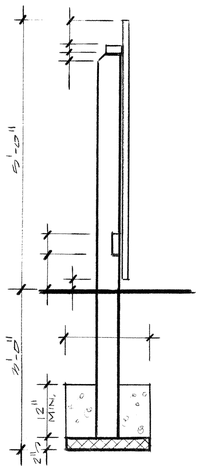
GATE CLOSURE
PLAN VIEW. 3/4"=1'-0"

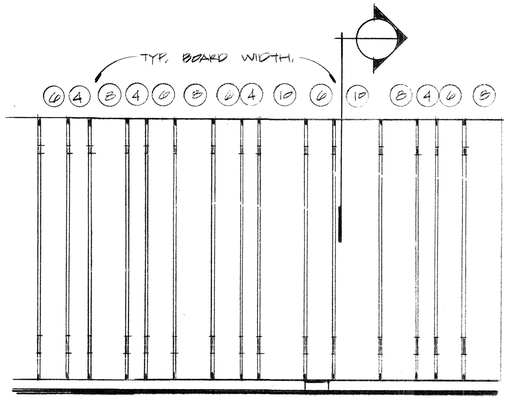


DECORATIVE PICKET GATE
ELEVATION. SCALE: 1"=1'-0"

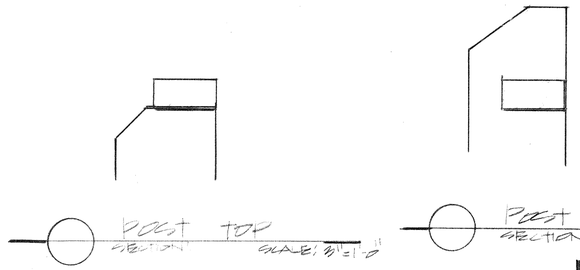


TYP. REAR FRAMING FOR 4' PLANK & PICKET FENCE
ELEVATION. SCALE: 1"=1'-0"

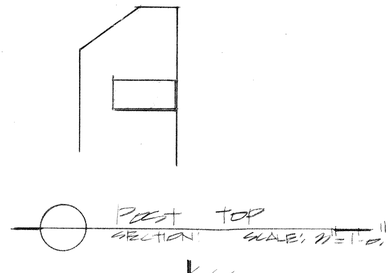




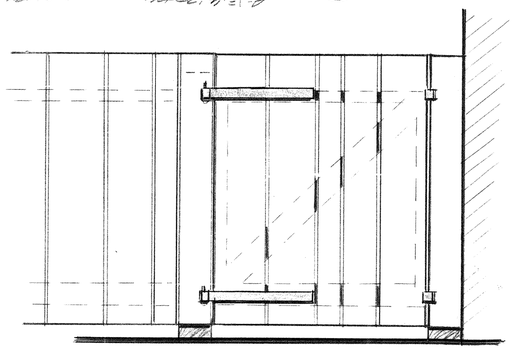
PLANK FENCE
ELEVATION. SCALE: 3/4"=1'-0"



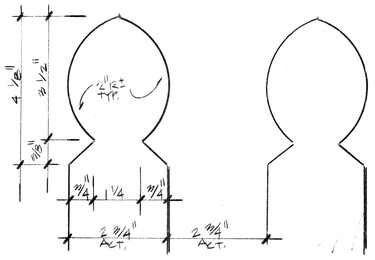
POST TOP
SECTION. SCALE: 3"=1'-0"



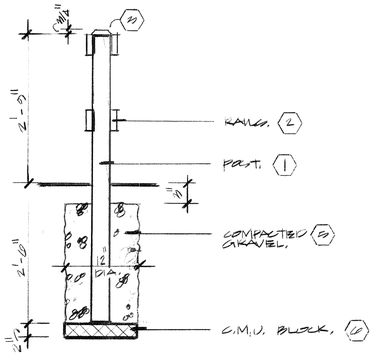
POST TOP
SECTION. SCALE: 3"=1'-0"



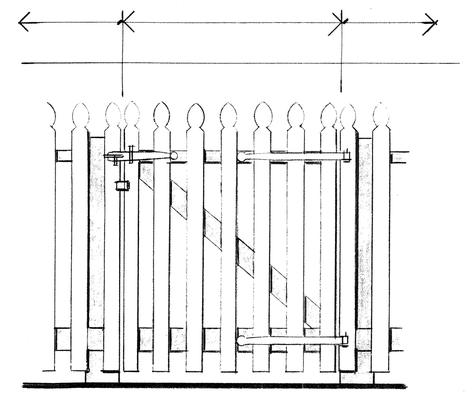
E L7 4' PLANK FENCE GATE.
ELEVATION. SCALE: 1"=1'-0"



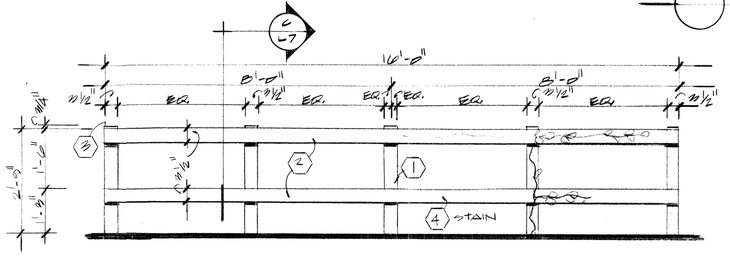
D L7 PICKET STYLE.
ELEVATION SCALE: 1/2"=1"



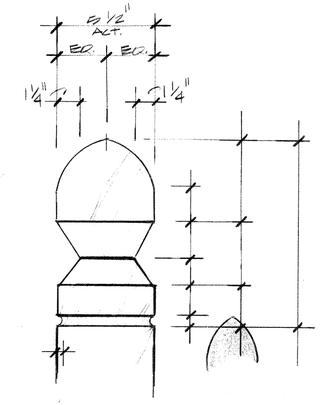
C L7 FRUIT RAIL
SECTION. SCALE: 3/4"=1'-0"



B L7 SERVICE GATE.
ELEVATION. SCALE: 1"=1'-0"



A L7 FRUIT RAIL
ELEVATION. SCALE: 1/2"=1'-0"



POST TOP
ELEVATION. 3"=1'-0"

NRHA
Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Fence Details

SCALE:
DRAWN BY:
PROJECT NO.:
DATE:
REVISED:

DRAWING
L7
SHT. OF

Freemason Street

Saint Pauls Blvd.

HISTORIC STYLE LIGHT FIXTURE.

BRICK CROSSWALK.

APPROXIMATE LOCATION OF ORIGINAL CURB.

BRICK HANDICAPPED RAMP.

EXISTING SLATE PAVING TO REMAIN.

EXISTING 45° HERRING-BONE BRICK.

45° HERRINGBONE BRICK TO MATCH CITY STAND.

RUNNING BOND MOLDED BRICK

CONCRETE FLOW GUTTER.

8" BRICK BANDING.

HISTORIC STYLE PARKING SIGN. TYP. OF (2)

45° BRICK HERRINGBONE.

BRICK PIARKING

Parking

8" BRICK BANDING.

MOLDED BRICK

GROUND COVER.

45° HERRING-BONE BRICK PAVING

SPECIAL HISTORIC STREET TREE

5' SQ. IRON TREE GRATE.

HONEYLOCUST AND IRON TREE GRATE.

8" BRICK BANDING

BRICK AUTO RAMP.

PRIVATE PROPERTY.

LIVE OAK. (2) OR WATER OAK.

EVERGREEN SHRUBS.

NEW BOARD FENCE TO MATCH EXISTING.

NEW PROPERTY LINE.

EXISTING TREES SAVED.

Willoughby - Baylor House

Garden

EXISTING GARDEN.

Well

Kitchen

Cumberland Street

Site Development Concept

SCALE: 1/8"=1'-0" 11-10-89

Site Develpment Plan for:

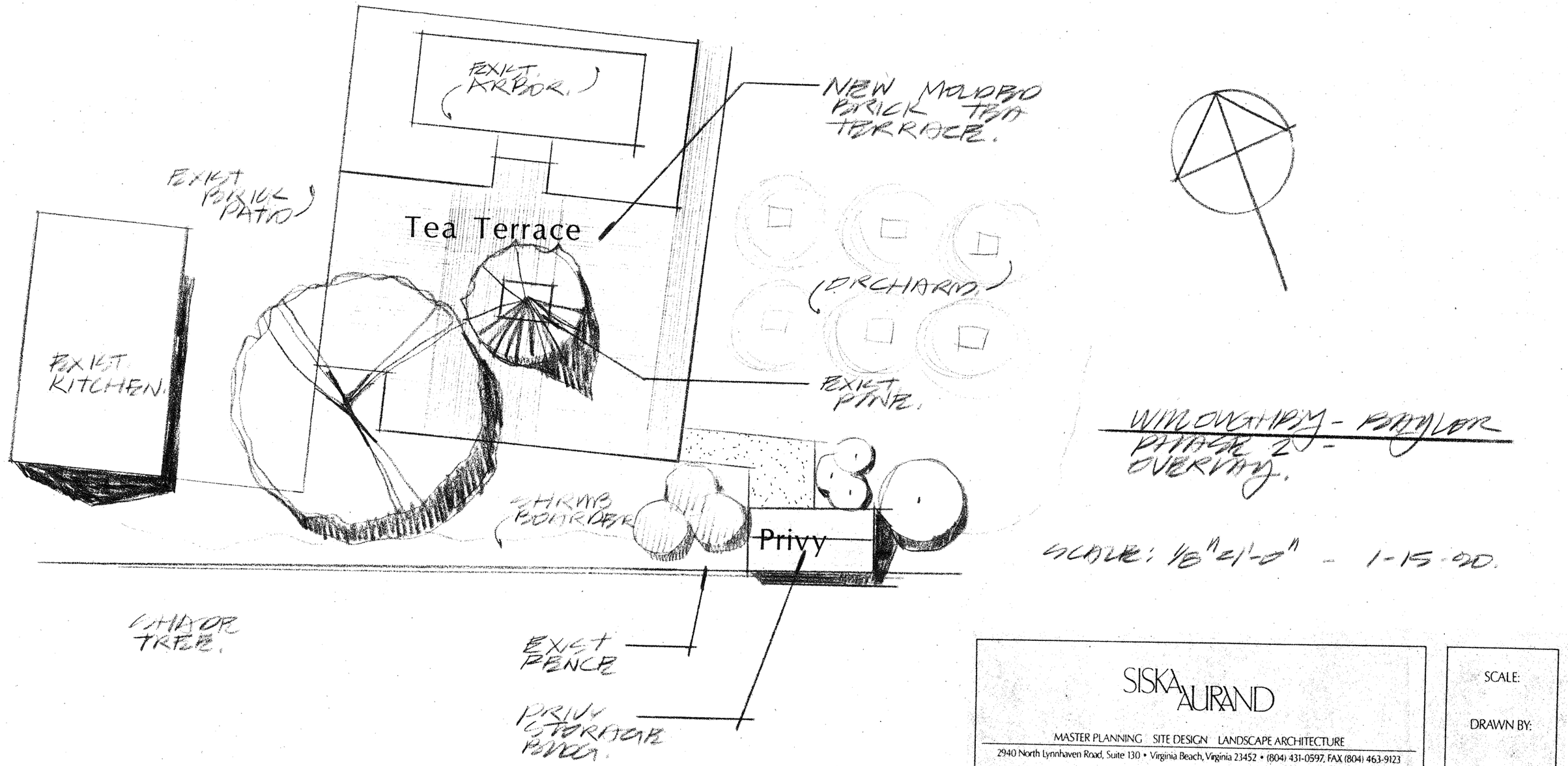
Willoughby-Baylor House
Freemason Street
Norfolk, VA

Norfolk Redevelopment and Housing Authority

siska/aurand landscape architects, asla
2940 north lynnhaven road suite 130
virginia beach, virginia 23452
(804) - 431 - 0597

scale:

drawn by: aurand



WINDSOR HWY - BAYLOR
PHASE 2 -
OVERALL.

SCALE: 1/8"=1'-0" - 1-15-00.

SISKA AURAND

MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE

2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

SCALE:

DRAWN BY:

F-YEAR 86-87

monthly

	Attendance (yearly totals:)
Myrtle Horse —	6,588
Willoughby Baylor —	3,880
Thoroughgood —	10,538



SITE IMPROVEMENTS FOR HISTORIC WILLOUGHBY-BAYLOR HOUSE
FREEMASON AND CUMBERLAND STREET
NORFOLK REDEVELOPMENT AND HOUSING AUTHORITY

NRHA
Norfolk Redevelopment and Housing Authority

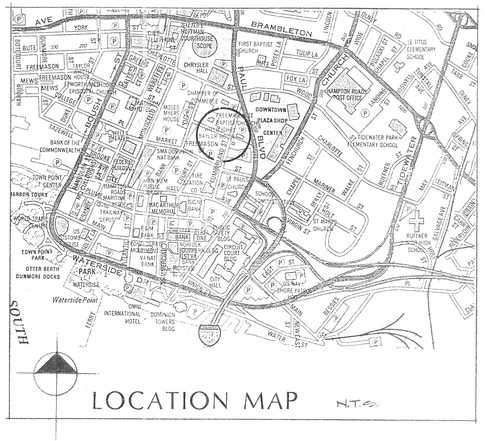
DRAWING APPROVAL

City of Norfolk, Department of Parks and Recreation — Date Approved

Norfolk Redevelopment and Housing Authority
Department of Design and Engineering — Date Approved

SHEET INDEX

SHEET TITLE	SHEET NUMBER
COVER SHEET AND MISC. DETAILS	LC-1
DEMOLITION PLAN	L1
LAYOUT AND DIMENSION PLAN	L2
LIGHTING PLAN	L3
SITE DETAILS	L4
ARBOR DETAILS	L5
GATE HARDWARE	L6
FENCE DETAILS	L7
IRRIGATION PLAN BID ALTERNATE #1	L8

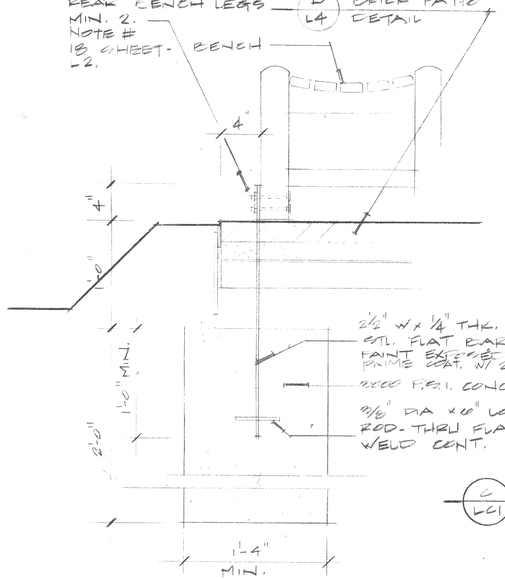


LOCATION MAP N.T.S.

NOTES: Guide Specifications for 12 Volt Light System (SEE SHEET -4)

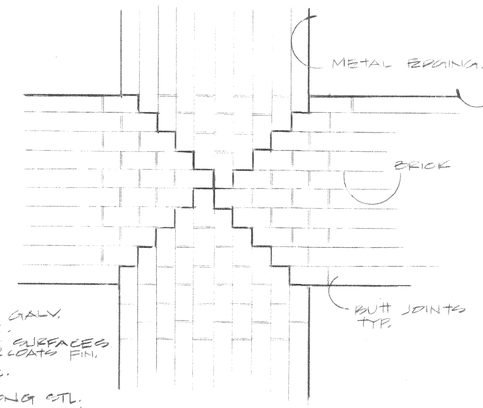
1. Wire to be direct burial stranded copper cable 12-2 AWM or 10-2 AWM by 'Lightscapes' 1-800-635-1068 or equal. Tree cable to be 12-2 AWM by 'Lightscapes'. 12 volt system only.
   Wire to be braided type cable with black p.v.c. insulating coating.
2. Contractor to acquire all required inspections.
3. Transformer to be maximum 100 ft. away from furthest light fixture. Direct burial transformers to be model # TBC 250-212-250 watt by 'Hadco'.
   Wire for 12 volt line voltage on secondary side of buck-boost transformer.
4. Locate tree cable on limb and trunk sides away from major activity areas. Secure with nylon cable clips. Cable clips to be located at 2 to 3 feet on center along the length of the cable. Increase nail size in cable clips to prevent removal. Provide compression connectors and waterproof connections at the connection between the cable and the tree light. Light and cable location to be determined in the field by the landscape architect. 5 to 10 feet out on limbs at 10 to 20 feet above existing grade.
5. Direct burial lights to be installed outside of all tree root balls.

CEILIFE FLAT BAR TO BENCH LEG W/ 2-1/4" DIA. CARRIAGE BELTS, NUT & WASHER. TACK WELD NUT FOR TAMPERPROOF. CLEAN & PAINT. TYP. ANCHOR FOR REAR BENCH LEGS MIN. 2. NOTE # 18 SHEET -2.



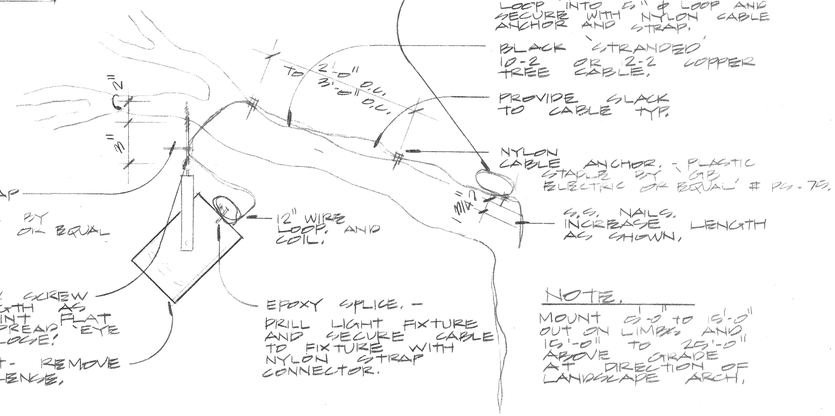
D / L4 BRICK PATIO DETAIL

D / LC1 BENCH ANCHOR DETAIL 1½" = 1'-0"

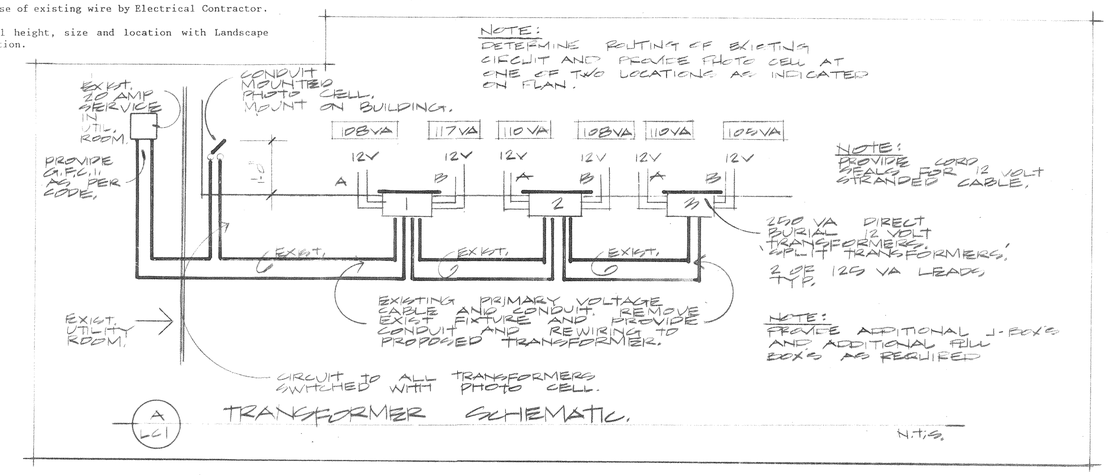


C / LC1 BRICK DETAIL PLAN VIEW SCALE: 1½" = 1'-0"

6. Contractor to verify panel box location. Expand panel as required. Existing exterior light circuit to be used for 12 volt light system is 20 amp service.
7. Comply with all state and local electrical codes.
8. All disturbed sod, planting, and mulch beds are responsibility of electrical contractor to repair at his own expense and at no cost to the owner.
9. Contractor to verify available power source in panel. Expand panel if required.
10. All lights to be ordered with flat black finish by manufacturer if not specified.
11. Bore or sleeve under paving as required. Sleeves to be provided by Electrical Contractor.
12. 'Nightscaping' available through Lightscapes, Richmond, VA 1-800-635-1068.
13. Direct wire and switch transformer with photo electric cell as shown. Photo cell location to be located in the field at the one of the two locations as noted. Photo cell to be Model No. PC-1 by 'Hadco' or equal.
14. All direct burial 12 volt wire splices to be epoxy type - #12-DB Epoxy kit by "Nightscape" or "3M" equal.
15. Where direct burial cable runs in planting areas, run cable adjacent to wall, walks or building edge to minimize conflicts with planting operations. 12 volt cable to be located at (6) inches below grade min.
16. Provide min. 12 inch wire loop at all spike light locations. Loop wire, secure and bury bundle.
17. Lights to be field staked by Landscape Architect prior to installation. Arbor lights to be field located by landscape architect. Cable to top of arbor shall be enclosed in 1/2" diameter p.v.c. conduit and anchored to the arbor post with anchors as shown on the plan and directed by the landscape architect. Horizontal runs of the direct burial cable along the top of the arbor shall be secured with nylon cable clamps at 3 feet on center. Connection of light fixtures to direct burial cable shall be with a watertight connection. Cable and conduit to be painted to match the color of the arbor. Exposed conduit associated with light fixtures mounting shall be painted black to match the light fixture.
18. All direct burial lights to have epoxy wire splice kit used at connections. Provide wire loop to aid in relamping. 12" loop minimum.
19. Where wire runs exceed 100 ft. double #12-2 cables or use #8-2 cable TYP. Run doubled cable 2/3 length of total run.
20. Direct bury transformer to be mounted flush with grade. Provide '3-M' epoxy seal at cable entry to transformer box and manufacturers provided cord compression connection seal for direct burial cable.
21. Provide G.F.C.I. as required by code.
22. Electrical Contractor to provide 'Nighttime' adjustment of light aim. Landscape architect to be present to adjust beam direction.
23. Provide G.F.C.I. as required by code.
24. Provide glare guards for Direct Burial Par-36 fixtures as noted..
25. 120 volt wire sizing and reuse of existing wire by Electrical Contractor.
26. Verify photo electric cell height, size and location with Landscape Architect prior to installation.



B / LC1 TREE LIGHTS ELEVATION. N.T.S.



A / LC1 TRANSFORMER SCHEMATIC. N.T.S.

NOTE: 1. ALL TRADES SHALL BE COORDINATED BY THE GENERAL CONTRACTOR.
2. NOTIFY DIRECTOR OF MUSEUM OF WORK SCHED. PRIOR TO STARTING CONST! CALL MR. T. PATRICK BRENNAN - 622-1211.

COMMONWEALTH OF VIRGINIA — C. DOUGLAS AURAND — O.P. No. 344 — CERTIFIED LANDSCAPE ARCHITECT

NRHA

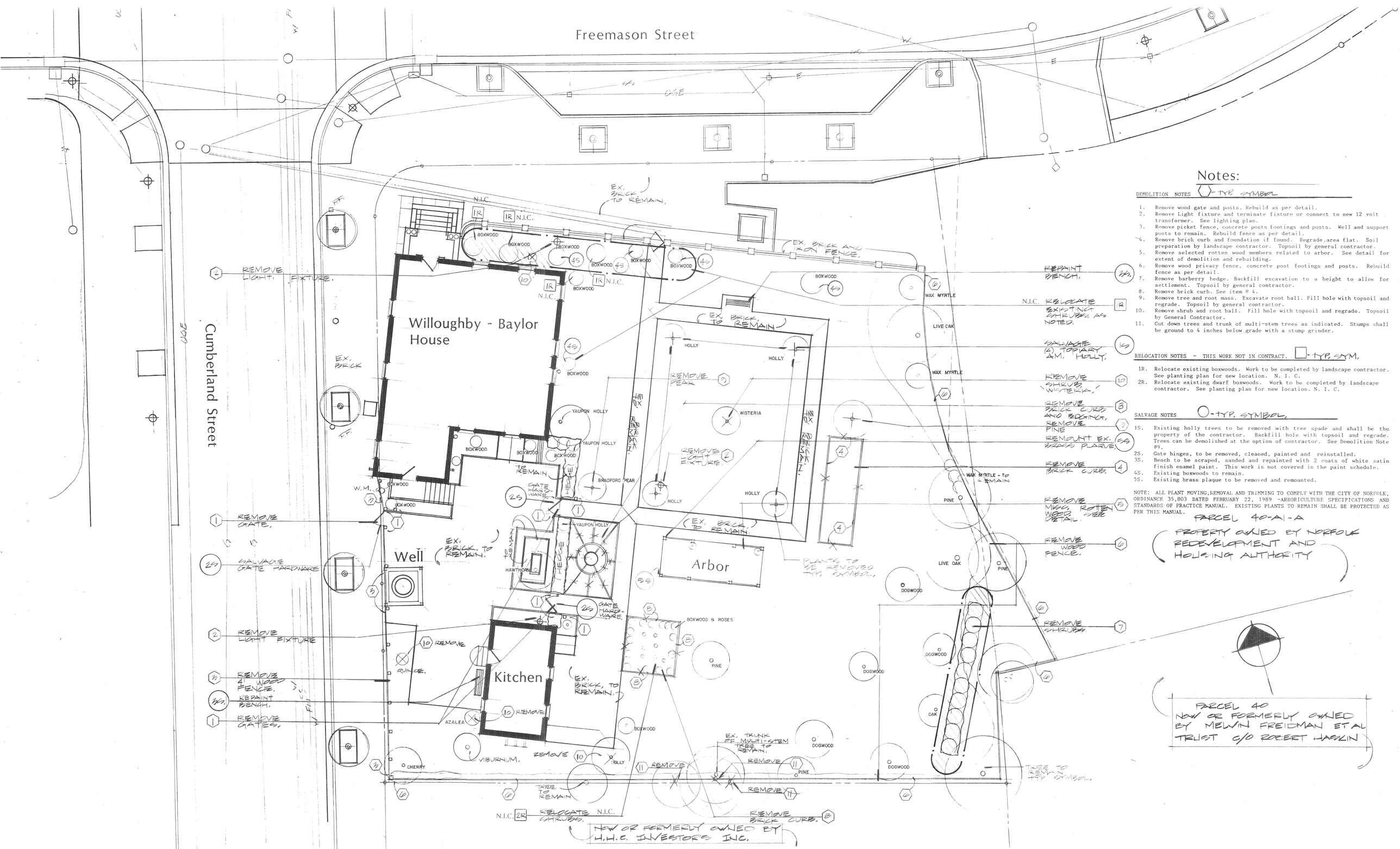
SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2840 North Lynnhaven Road, Suite 180 • Virginia Beach, Virginia 23452 • (804) 481-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

COVER SHEET

SCALE: AS SHOWN
DRAWN BY: JW/CDA
PROJECT NO.:
DATE: 5-24-90
REVISED:

DRAWING LC-1
SHT. 1 OF 5



Notes:

DEMOLITION NOTES ⬡ - TYP. SYMBOL

1. Remove wood gate and posts. Rebuild as per detail.
2. Remove Light fixture and terminate fixture or connect to new 12 volt transformer. See lighting plan.
3. Remove picket fence, concrete posts footings and posts. Well and support posts to remain. Rebuild fence as per detail.
4. Remove brick curb and foundation if found. Regrade, area flat. Soil preparation by landscape contractor. Topsoil by general contractor.
5. Remove selected rotten wood members related to arbor. See detail for extent of demolition and rebuilding.
6. Remove wood privacy fence, concrete post footings and posts. Rebuild fence as per detail.
7. Remove barberry hedge. Backfill excavation to a height to allow for settlement. Topsoil by general contractor.
8. Remove brick curb. See item # 4.
9. Remove tree and root mass. Excavate root ball. Fill hole with topsoil and regrade. Topsoil by general contractor.
10. Remove shrub and root ball. Fill hole with topsoil and regrade. Topsoil by General Contractor.
11. Cut down trees and trunk of multi-stem trees as indicated. Stumps shall be ground to 4 inches below grade with a stump grinder.

RELOCATION NOTES - THIS WORK NOT IN CONTRACT. □ - TYP. SYM.

1R. Relocate existing boxwoods. Work to be completed by landscape contractor. See planting plan for new location. N. I. C.
2R. Relocate existing dwarf boxwoods. Work to be completed by landscape contractor. See planting plan for new location. N. I. C.

SALVAGE NOTES ○ - TYP. SYMBOL.

1S. Existing holly trees to be removed with tree spade and shall be the property of the contractor. Backfill hole with topsoil and regrade. Trees can be demolished at the option of contractor. See Demolition Note #9.
2S. Gate hinges, to be removed, cleaned, painted and reinstalled.
3S. Bench to be scraped, sanded and repainted with 2 coats of white satin finish enamel paint. This work is not covered in the paint schedule.
4S. Existing boxwoods to remain.
5S. Existing brass plaque to be removed and remounted.

NOTE: ALL PLANT MOVING, REMOVAL AND TRIMMING TO COMPLY WITH THE CITY OF NORFOLK, ORDINANCE 35,803 DATED FEBRUARY 22, 1989 -ARBORICULTURE SPECIFICATIONS AND STANDARDS OF PRACTICE MANUAL. EXISTING PLANTS TO REMAIN SHALL BE PROTECTED AS PER THIS MANUAL.

COMMONWEALTH OF VIRGINIA — C. DOUGLAS AURAND — NO. 0401 344 — REGISTERED LANDSCAPE ARCHITECT

NRHA Norfolk Redevelopment and Housing Authority

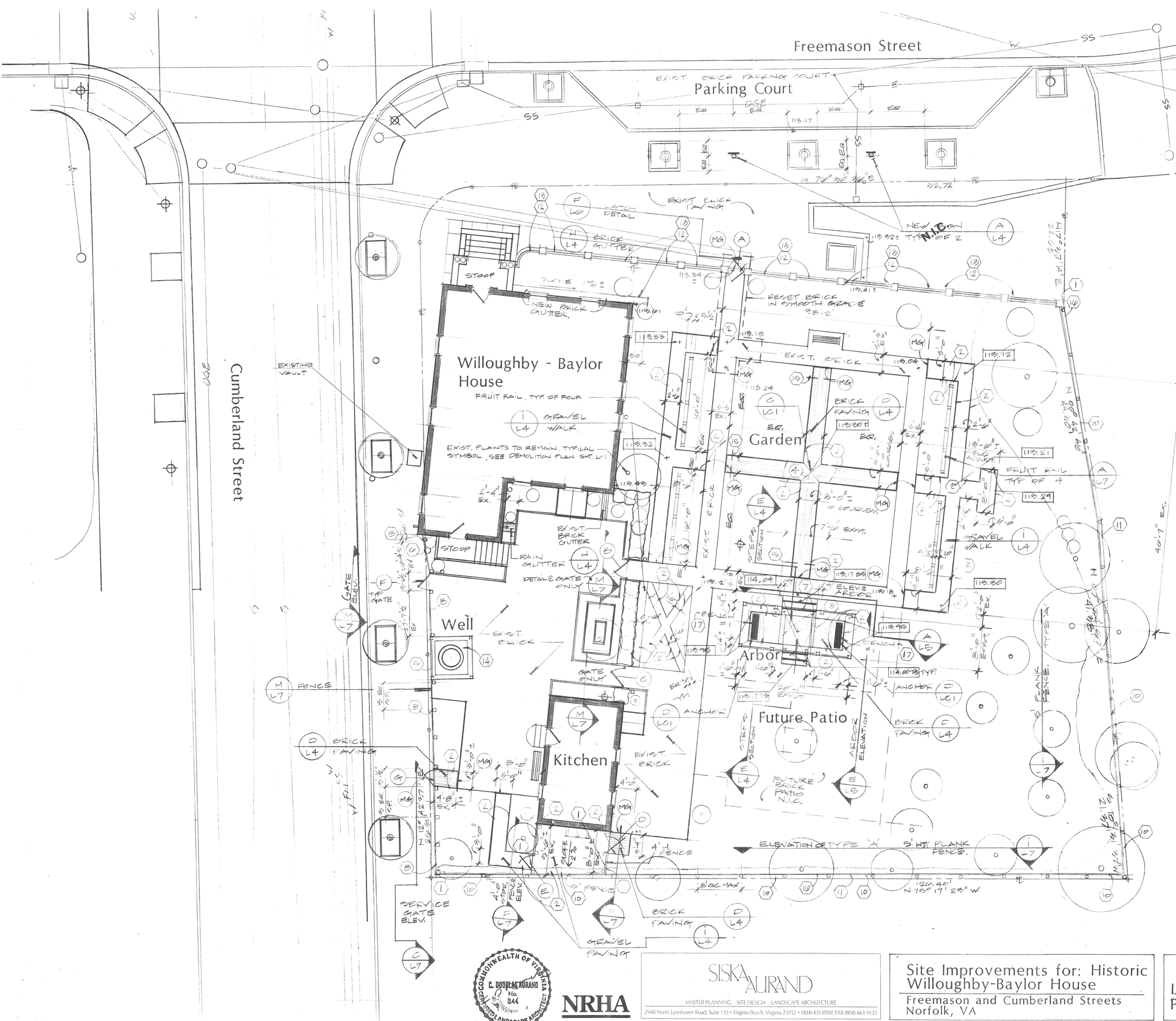
SISKA AURAND
MASTER PLANNING · SITE DESIGN · LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 437-0597 FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Demolition Plan

SCALE: 1/8" = 1'-0"
DRAWN BY: CDA
PROJECT NO.:
DATE: 5-24-90
REVISED:

DRAWING L1
SHT. 2 OF 9



GENERAL NOTES

1. PROVIDE TEMPORARY ANNUAL 'RYE' GRASS IN AREAS DISTURBED BY DEMOLITION.
2. DO NOT COMPACT, DRIVE, PARK EQUIPMENT, DUMP CHEMICALS, OR STORE SUPPLIES OR EQUIPMENT WITHIN THE DRIP LINE OF EXISTING TREES TO REMAIN. STAY 3' MIN. OUTSIDE OF DRIPLINES OF ALL TREES.
3. ALL NEW BRICK PAVING SHALL BE RUNNING BOND PATTERN UNLESS NOTED.
4. TOPSOIL FILL SHALL BE FRIABLE TOPSOIL WITH HIGH ORGANIC CONTENT. SAMPLE SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. TOPSOIL AS PROVIDED BY 'JACK M. POWELL OR EQUAL'.
5. NO METAL EDGING REQUIRED AT EXISTING BRICK PAVING.
6. SEE HARDWARE SCHEDULE, SHT. L-6 FOR GATE LOCATIONS.

WILLOUGHBY-BAYLOR SITE PLAN NOTES ⬡ TYP SYMBOL

1. Change in fence types.
2. Metal edging typical at this location.
3. 8 inch wide brick banding.
4. Splice brick into pattern as shown.
5. Raise horizontal rail and adjust overall height of pickets at raised brick patio located at well.
6. Cut-off bottom of picket approximately 2 to 3 inches to allow for removal of water meter lid.
7. Cobble steps. See detail.
8. Picket fence. See detail C-L7 and M-L7.
9. 3'-10" High plank fence. Type "B" typical.
10. 5'-0" High plank fence. Type "A" typical.
11. Field verify fence conflicts with existing trees. Notify Landscape Architect of conflicts.
12. Repoint existing brick columns where iron fence intersects brick column and other locations of loose mortar. Match ex. mortar color. Rake back existing mortar to 3/4" to 1" clean joints and tuck point with type 'M' mortar. Match existing joint tooling.
13. Repaint existing iron fencing. See specs.
14. Existing well to remain. Repairs not in contract.
15. Irrigation sleeves to be provided by general contractor.
16. Verify property location prior to construction of fencing.
17. Backless teak bench. As manufactured by Smith and Hawken, Mill Valley, CA, 1-415-383-2000. 5' length - Model No. 5806 or 5' length Warwick Model No. 5132 by Lister Teak, 1-404-231-4808.

LEGEND

113.12 — EXISTING GRADE

113.45 — PROPOSED SPOT GRADE

(MG) — MEET EXISTING GRADE

(A) — GATE TYPE.

NOTE: PROVIDE 2% CROSS SLOPE ON ALL NEW WALKS TO PROVIDE DRAINAGE.

COMMONWEALTH OF VIRGINIA
C. DOUGLAS AURAND
No. 844
CERTIFIED LANDSCAPE ARCHITECT

NRHA

SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Layout and Dimension Plan

SCALE: 1/8" = 1'-0"
DRAWN BY: JW/CDA
PROJECT NO.:
DATE: 5.24.00
REVISED:

DRAWING L2
SHT. 5 OF 9

Freemason Street

Cumberland Street

Willoughby - Baylor House

Well

Arbor

Kitchen

ALTERNATE LOCATION.

TRANSFORMER

EX. 20 AMP. SERVICE

TREE LIGHTS

TYP. SYMBOL

Light Symbol	Model and Manufacturer

1. Mini-Well- Model # IL136-H by "Hadco", Littlestown, PA, 1-717-359-7131 1-800-635-1068.
Mount flush with grade and provide epoxy splice at cable connection.

2. Mini-Well with guard- Model # IL136G-H by "Hadco".
Mount flush with grade and provide epoxy splice at cable connection.

3. MR-16 Spot- Model # BL1-A-L by "Hadco".
Mount 4 inches above grade on 2'-6" L. metal conduit stub. Secure conduit stub in one cubic foot of concrete minimum.

4. Stylist Down Lighter- Model # AW-0603 by "Nightscaping", Redlands, CA, 1-714-794-2121, 1-800-635-1068.
Provide with optional "Honeycomb" interior grille as supplied by the manufacturer. Mount fixture on arbor with Galvanized Bolts. Bolts shall be tamper resistant type to prevent removal by vandals. Countersink washer and nuts and cut bolt end flush with the face of the arbor. Route or drill a void behind the light base plate to allow the insertion of the cable splice to the fixture. Provide waterproof connection at this location. All direct burial 12 volt cable to be run on top or on the rear of the arbor members at a location which is out of view.

5. Tree Downliter- Model # TD-0508 by "Nightscaping".
Mount in tree with screw eye. Run cable to back of light and provide watertight connection. Secure 12 inches of wire and connector to rear of light with nylon strap connector. Tree cable to be ran on top of limbs and secured with nylon cable clamps as per specifications.

6. Par-36 Spot- Model # WL2-H by "Hadco".
Mount 4 inches above grade on 2'-6" L. metal conduit stub. Secure conduit stub in one cubic foot of concrete minimum.

7. Par-36 Spot- Model # WL2-H by "Hadco" with glare guard WS2-H.
Mount 4 inches above grade on 2'-6" metal conduit stub. Secure conduit stub in one cubic foot of concrete minimum.

NOTE: SEE SHEET L2-1 FOR 12 VOLT LIGHT INSTALLATION NOTES.

LEGEND

- Light type.
- Bulb type.
- 12-2 — Wire size for 12 volt direct burial stranded cable.
- 1A — Run to transformer. Split circuit when design load of transformer is split.
- Light location. Field location verified by landscape architect.
- Bulb aim direction.
- V-C — Vertical conduit location.
- T-C — Location of 12 volt stranded tree cable when run on tree trunk.
- Existing or proposed tree.
- P-C — Proposed Photo Cell locations. Field location verified by landscape architect. Provide one photo cell only. Photo Cell shall control primary voltage supplied to transformers.

T — 600 VA -12 VOLT TRANSFORMER,

BULB SCHEDULE, -

SYM.	BULB TYP.- #	WATTAGE
A	4414	15 - PAR 36
B	50VWFL	50 - PAR 36
C	20216-BAB	20 - MR 16
D	116 PAR 36 "CAPWFL"	36 - PAR 36

NOTES:
1. PROVIDE BULBS AS SHOWN WITH FIXTURES TYP.
2. REMOVE (3) EX. FLOOD FIXTURES AS PER DEMOLITION PLAN. TIE NEW TRANSFORMERS TO EXIST. 'UG' CABLE
3. VERIFY LOCATION OF EX. 'UG' SERVICE TO FLOOD LAMPS, LOCATE PHOTO CELL BETWEEN PANEL AND FIRST TRANSFORMER. SEE A-LC1

COMMONWEALTH OF VIRGINIA — C. DOUGLAS AURAND — No. 344 — CERTIFIED LANDSCAPE ARCHITECT

NRHA Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING · SITE DESIGN · LANDSCAPE ARCHITECTURE
2081 North Commonwealth Road, Suite 101 • Virginia Beach, Virginia 23452 • (804) 431-0507 FAX (804) 463-9121

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Lighting Plan

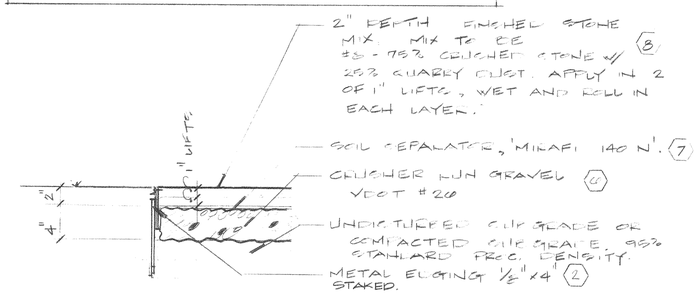
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DRAWN BY: CDA
PROJECT NO.:
DATE: 5-24-90
REVISED:

DRAWING L3
SHT. 4 OF 9

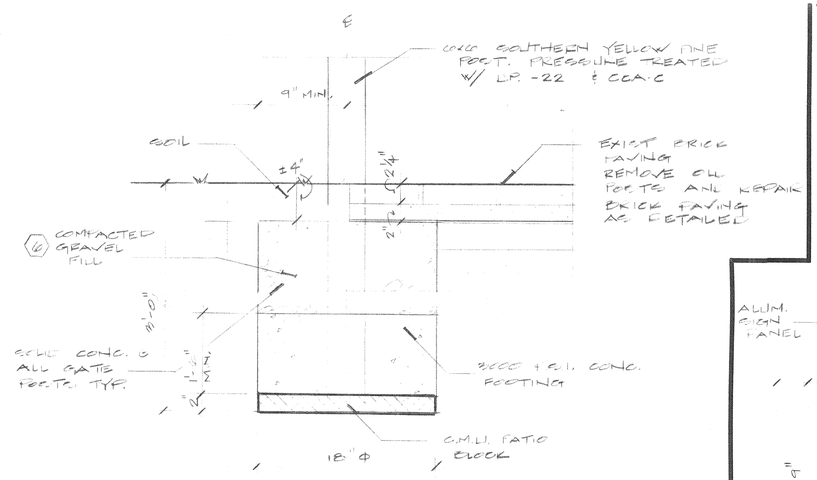
Notes — ⬡ TYP. SYMBOL.

Willoughby-Baylor Site Notes:

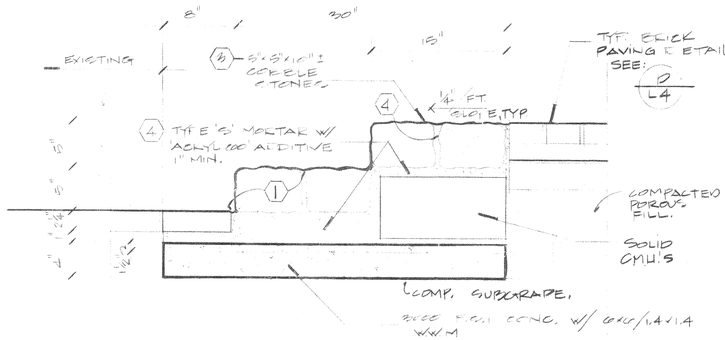
1. 3/8 inch maximum joint width with grape vine tool joint.
2. "Ryerson" steel edging painted flat black with stakes as supplied by manufacturer. Corner splices to have minimum of 3 inches of overlap.
3. Granite cobble stones as provided by museum. Clean prior to setting.
4. Type "S" mortar with latex based additive. "Acryl 60" by Thoro-products or approved equal.
5. Hand molded Brick Pavers as manufactured by "Old Virginia" Color to be "Old Virginia # 24".
6. Compacted Crusher Run - VDOT # 26 Sec 206.
7. Soil separator - "Mirafi" or "Duon" 2.5 ounce U.V. stabilized non-woven soil separator - available through Saunders Oil Company 622-7249 or equal.
8. Surface gravel to be a mixture of 75% Gray #8 crushed granite mixed with 25% Quarry dust (Stone screenings VDOT Section 203). Install 1 inch lifts, wet each lift and then roll for compaction of material. Submit color sample for approval to OWNER.
9. Compacted Quarry dust (Stone screenings VDOT # 203).
10. Undisturbed subgrade or compacted subgrade. 95% stand. proc. density.



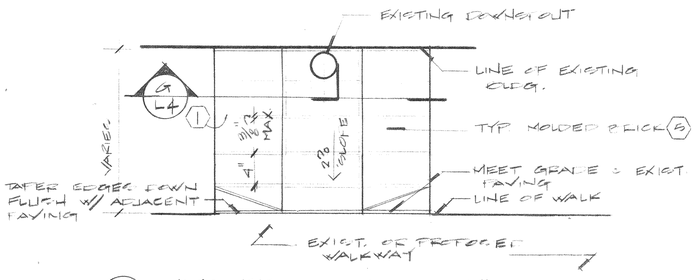
(1) L4 TYP. GRAVEL WALK
1½" = 1'-0"



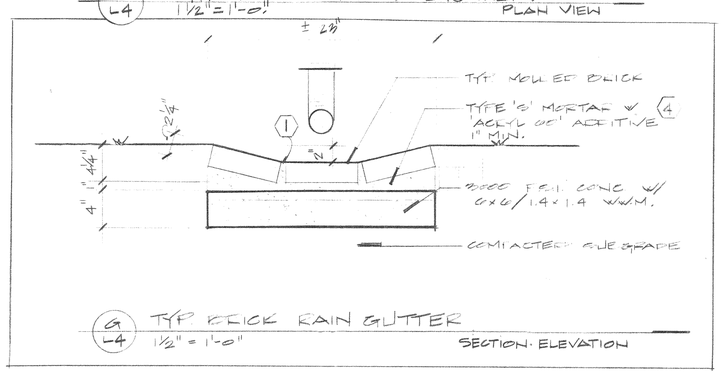
(E) L4 TYP. POST BASE DETAIL
1½" = 1'-0"



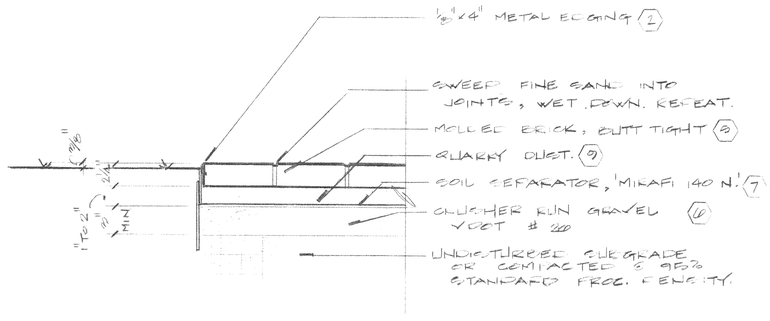
(E) L4 COBBLE STEP DETAIL
1½" = 1'-0"



(H) L4 TYP BRICK RAIN GUTTER,
1½" = 1'-0" PLAN VIEW



(G) L4 TYP BRICK RAIN GUTTER
1½" = 1'-0" SECTION - ELEVATION

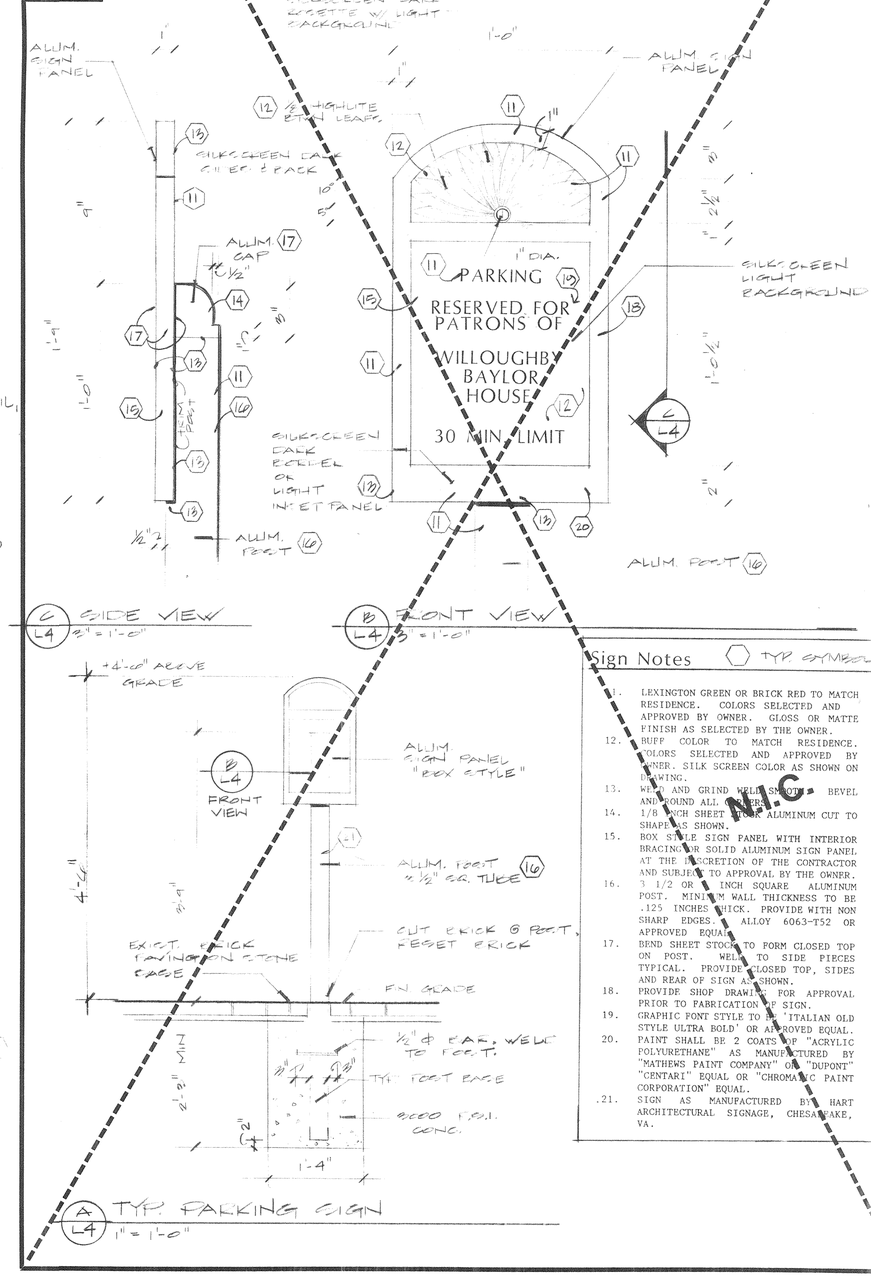


(D) L4 BRICK PAVING DETAIL
1½" = 1'-0"

LETTER STYLE FOR SIGN - DETAIL B-L4.

(17) 723 ITALIAN OLD STYLE ULTRA BOLD
Fonts Plus points

ABCDEFGHIJKLMNOPQRSTUVWXYZÆŒÇØ
defghijklmnopqrstuvwxyzæœøçß1234567890(£$¢&.?¿



Sign Notes ⬡ TYP SYMBOL.

11. LEXINGTON GREEN OR BRICK RED TO MATCH RESIDENCE. COLORS SELECTED AND APPROVED BY OWNER. GLOSS OR MATTE FINISH AS SELECTED BY THE OWNER.
12. BUFF COLOR TO MATCH RESIDENCE. COLORS SELECTED AND APPROVED BY OWNER. SILK SCREEN COLOR AS SHOWN ON DRAWING.
13. WELD AND GRIND WELDS SMOOTH. BEVEL AND ROUND ALL EXPOSED EDGES.
14. 1/8 INCH SHEET STOCK ALUMINUM CUT TO SHAPE AS SHOWN.
15. BOX STYLE SIGN PANEL WITH INTERIOR BRACING OR SOLID ALUMINUM SIGN PANEL AT THE DISCRETION OF THE CONTRACTOR AND SUBJECT TO APPROVAL BY THE OWNER.
16. 3 1/2 OR 4 INCH SQUARE ALUMINUM POST. MINIMUM WALL THICKNESS TO BE .125 INCHES THICK. PROVIDE WITH NON SHARP EDGES. ALLOY 6063-T52 OR APPROVED EQUAL.
17. BEND SHEET STOCK TO FORM CLOSED TOP ON POST. WELD TO SIDE PIECES TYPICAL. PROVIDE CLOSED TOP, SIDES AND REAR OF SIGN AS SHOWN.
18. PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION OF SIGN.
19. GRAPHIC FONT STYLE TO BE 'ITALIAN OLD STYLE ULTRA BOLD' OR APPROVED EQUAL.
20. PAINT SHALL BE 2 COATS OF "ACRYLIC POLYURETHANE" AS MANUFACTURED BY "MATHEWS PAINT COMPANY" OR "DUPONT" "CENTARI" EQUAL OR "CHROMATIC PAINT CORPORATION" EQUAL.
21. SIGN AS MANUFACTURED BY HART ARCHITECTURAL SIGNAGE, CHESAPEAKE, VA.

N.T.S.

COMMONWEALTH OF VIRGINIA — C. DOUGLAS AURAND — No. 344 — REGISTERED LANDSCAPE ARCHITECT

NRHA Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING · SITE DESIGN · LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Site Details

SCALE: AS SHOWN
DRAWN BY: CDA, JW
PROJECT NO.:
DATE: 9-24-90,
REVISED:

DRAWING L4
SHT. 5 OF 17

NOTES:

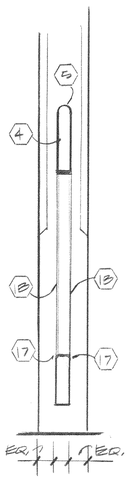
⬡ - TYP. SYMBOL.

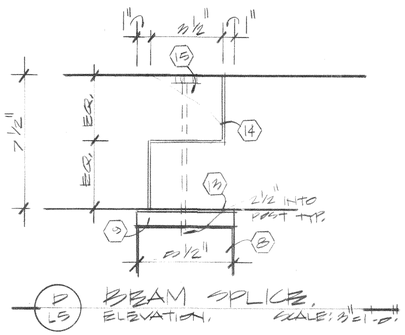
Willoughby-Baylor Arbor

1. Provide 2 backless teak benches. Provide anchors as detailed.
2. 2 x 4 W.R.C. F4S (see Sheet L2) Trimmed to width as shown.
3. 2 x 6 W.R.C. - F4S
4. 2 x 8 W.R.C. - F4S
5. 1/2 Round route on top of rail.
6. Provide Exterior Grade solid opaque white stain.
7. Route 45 degree bevel on all four sides of existing posts typical.
8. Existing arbor wood to remain 'typical.' Fill nail holes and patch with exterior grade wood filler as required.
9. Patch post tops as required. Fill nail holes and patch with exterior grade wood filler as required.
10. 3 x 8 W.R.C.
11. 2 X 8 W.R.C.
12. Coat existing post bases with one coat "Copper T-50" as available through Norfolk Paints.
13. Fill nail holes and patch with exterior grade wood filler as required.
14. Splice joint as shown. Caulk joint to provide watertight joint.
15. 1/4 inch diameter minimum galvanized lag bolt at joint splice typical. Countersink bolt head and washer typical.
16. Cut shape as shown and lightly sand.
17. Provide 45 degree bevel on top sides of horizontal grille rails typical.
18. Provide 45 degree bevel on all sides or vertical grille rails typical.
19. Alter existing brace as required to allow for new arbor connection.
20. Remove top arbor members as indicated. Posts and angle bracing to remain.
21. Remove horizontal arbor members as indicated. Posts and angle bracing to remain.

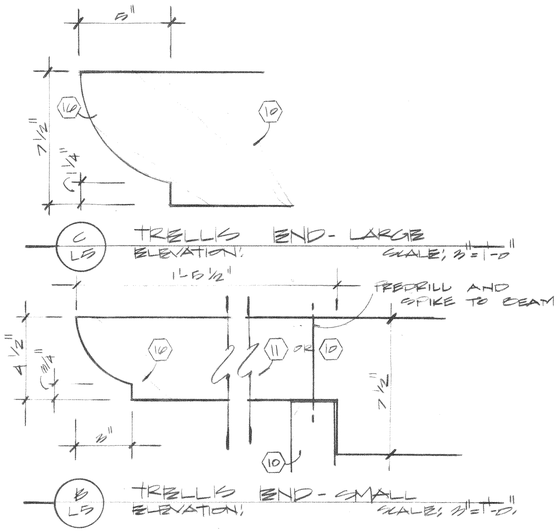
NOTE: W.R.C. - F4S = Western red cedar finished four sides. See specs.

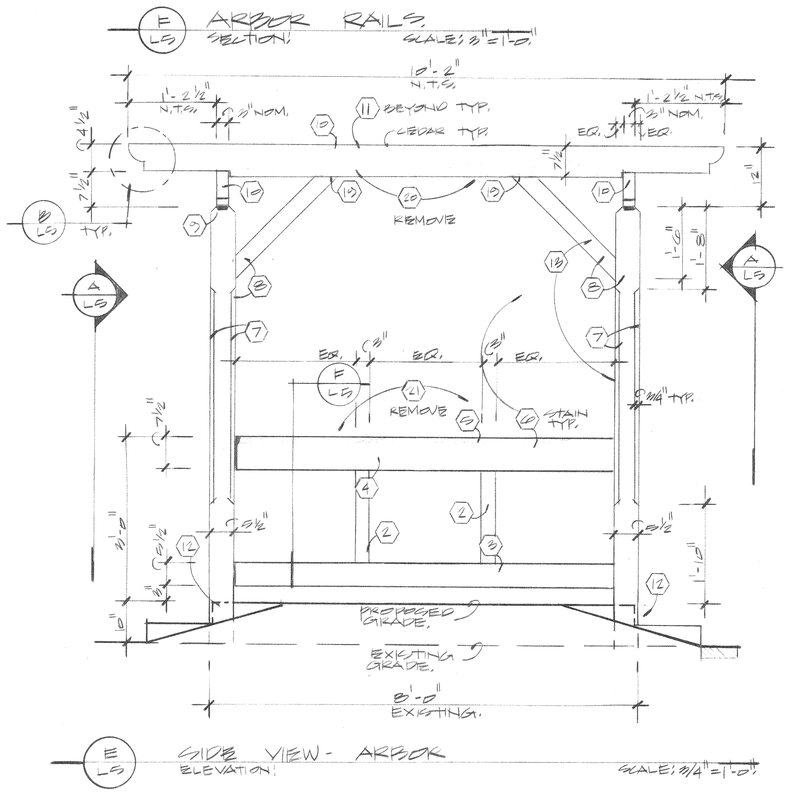
NOTE: CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF EXISTING ARBOR.

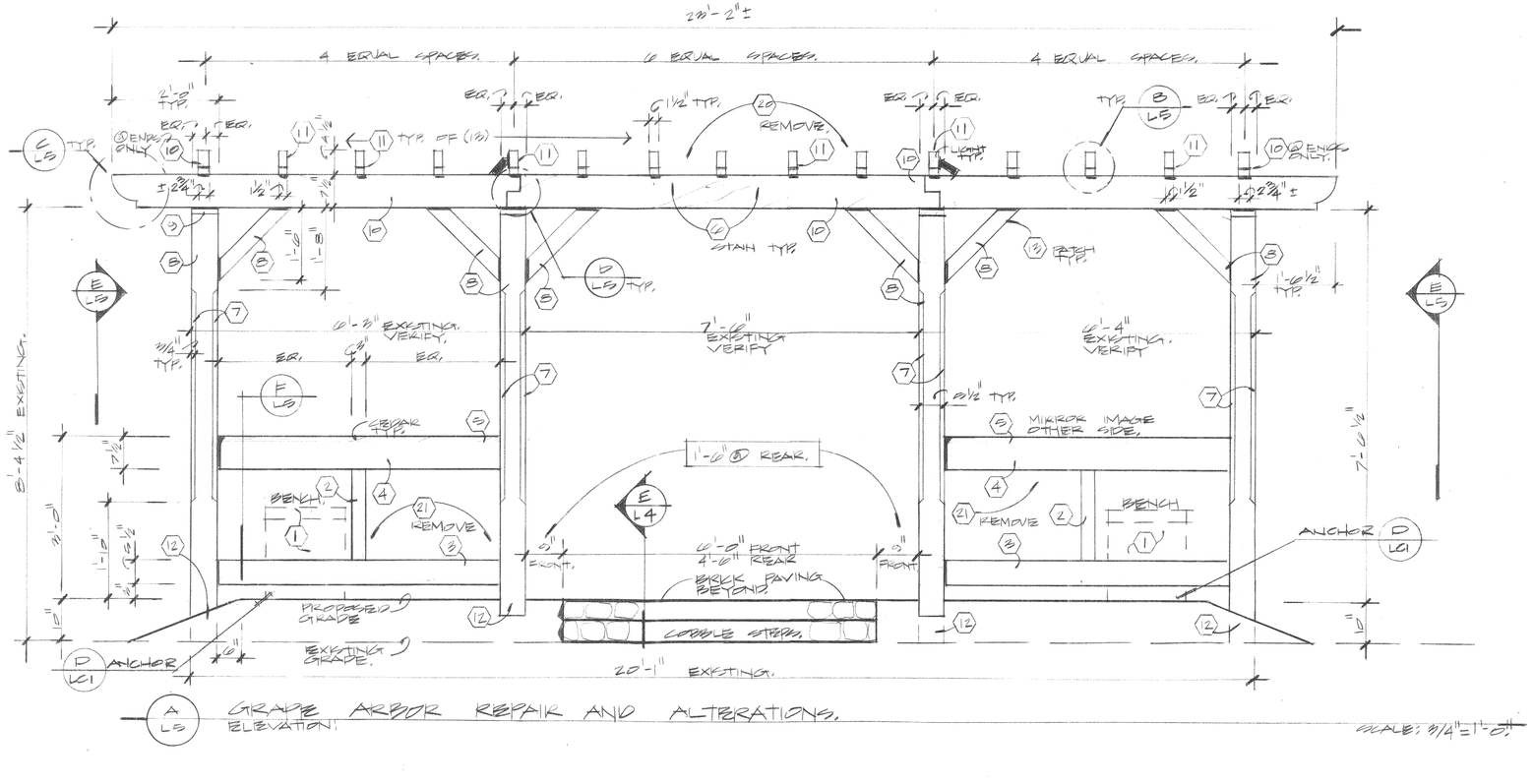




D LS BEAM SPLICE, ELEVATION, SCALE; 3"=1'-0"







COMMONWEALTH OF VIRGINIA C. DOUGLAS AURAND No. 344 CERTIFIED LANDSCAPE ARCHITECT

NRHA Norfolk Redevelopment and Housing Authority

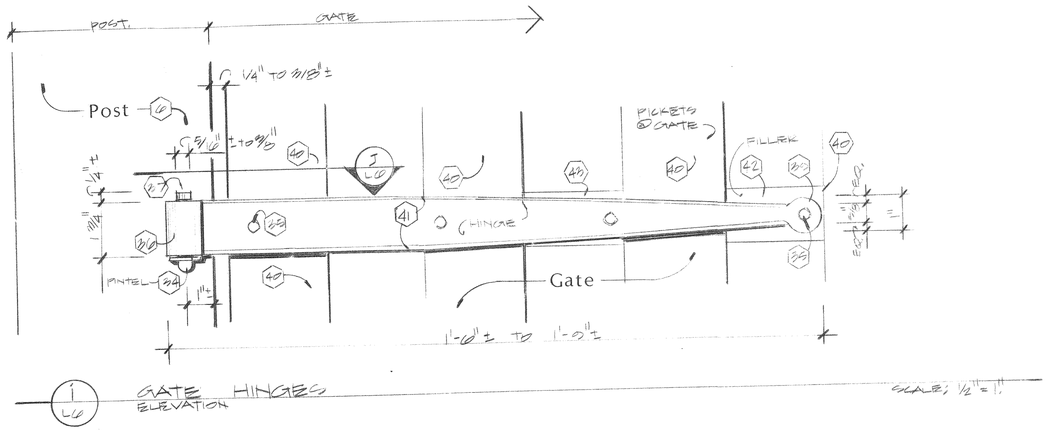
SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

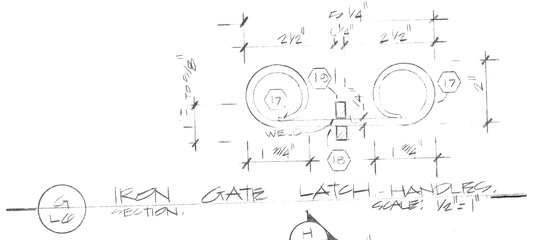
Arbor Detail

SCALE: AS SHOWN
DRAWN BY: CDA,
PROJECT NO.:
DATE: 5-24-90
REVISED:

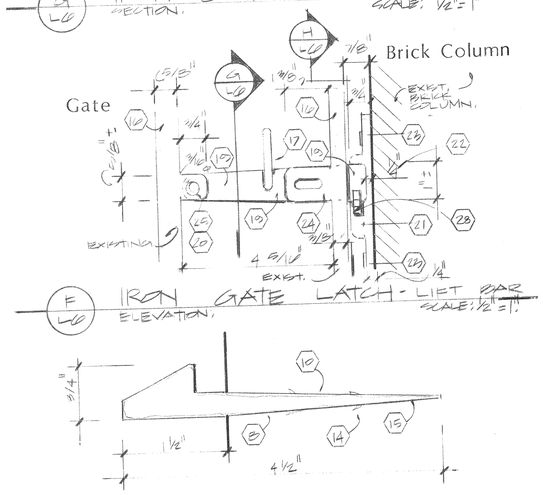
DRAWING L5
SHT. 6 OF 9



I LG GATE HINGES ELEVATION SCALE; 1/2"=1"

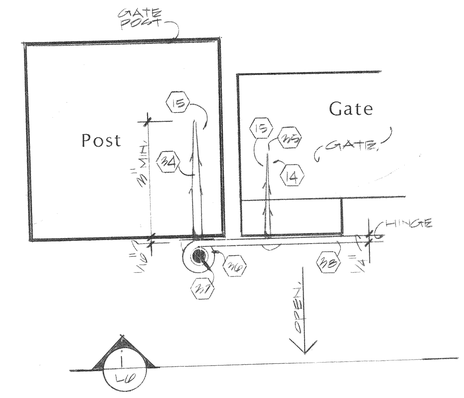


G LG IRON GATE LATCH - HANDLES SECTION. SCALE; 1/2"=1"

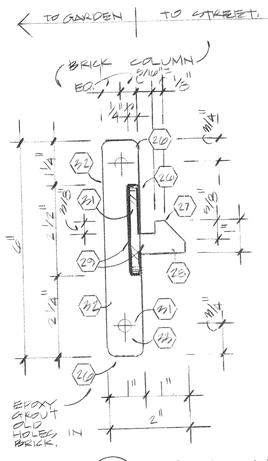


F LG IRON GATE LATCH - LIFT BAR ELEVATION. SCALE; 1/2"=1"

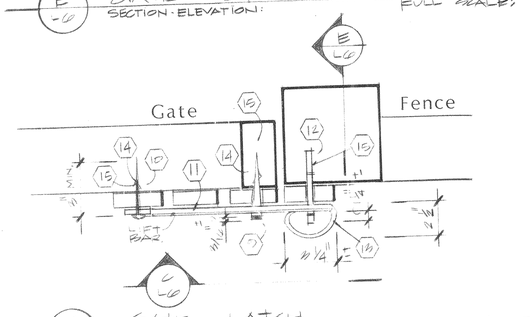
E LG GATE KETCH SECTION-ELEVATION: FULL SCALE;



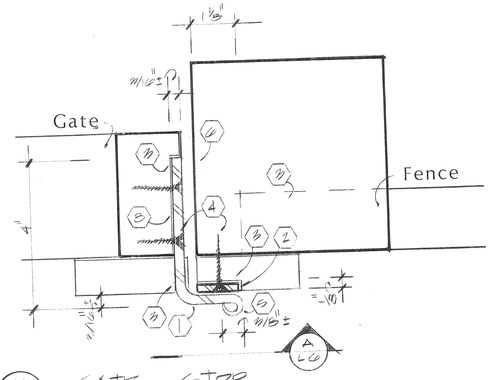
J LG GATE HINGE SECTION. SCALE; 1/2"=1"



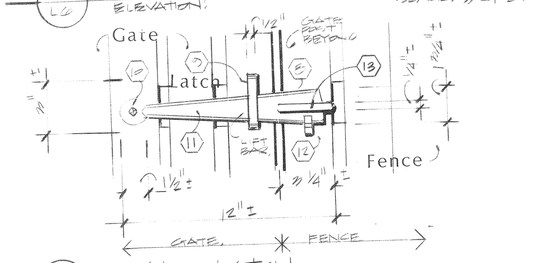
H LG IRON GATE LATCH. ELEVATION SCALE; 1/2"=1"



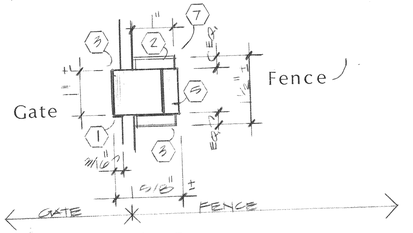
D LG GATE LATCH. ELEVATION. SCALE; 3/4"=1'-0"



B LG GATE STOP PLAN VIEW SECTION. SCALE; 1/2"=1"



C LG GATE LATCH ELEVATION. SCALE; 3/4"=1'-0"



A LG GATE STOP ELEVATION. SCALE; 1/2"=1"

Hardware Schedule

GATE LOCATION.	LATCH	HEIGHT.	STOP	HEIGHT	QNT.	HINGES	HEIGHT.	CLOSURE.	FENCE TYPE
FREEMASON (A)	F-LG	MATCH EXIST.	N/A	—	—	N/A	N/A MATCH EXIST.	N/A.	EX. IRON
GARDEN (B)	N/A	—	B-LG	3" ¢ 3'-2 1/2"	2	J-LG	3" ¢ 3'-2 1/2"	CANNON BALL, SEE DETAIL L-L7	WOOD PICKET
GARDEN (C)	N/A	—	B-LG	3" ¢ 3'-2 1/2"	2	J-LG	3" ¢ 3'-2 1/2"		WOOD PICKET,
STORAGE (D)	N/A	—	B-LG	3'-2 1/2"	—	REUSE (D)	3" ¢ 3'-2 1/2"		WOOD PLANK
STORAGE (E)	N/A	—	B-LG	3'-2 1/2"	—	REUSE (C)	3" ¢ 3'-2 1/2"		WOOD PLANK
CUMBERLAND (F)	D-LG	3'-2 1/2"	B-LG	2'-10"	—	J-LG	3" ¢ 3'-2 1/2"		WOOD PICKET
CUMBERLAND (G)	D-LG	3'-2 1/2"	B-LG	2'-10"	—	REUSE (F)	3" ¢ 3'-2 1/2"		WOOD PICKET.

NOTE: CLEAN AND RELOCATE EXIST. HINGES TO LOCATION AS SHOWN.

Notes

Willoughby-Baylor Hardware Notes:

1. Gate stop from 1/4 inch T. forged iron. Bend as shown.
2. 1/8" T. x 1" x 1 1/2" iron bumper plate with 2 countersunk holes as shown.
3. Chisel wood and recess plate or horizontal rail flush with wood member as shown.
4. Galvanized tamper resistant screws - 1 1/2" L. Min.
5. Provide fish tail forging on end as shown.
6. 6 x 6 Gate post as shown.
7. Mounting height as per Hardware schedule. Provide one coat of primer and two finish coats of paint to all gate hardware. Color to match fence.
8. 1/4 inch T. forged iron stock typical.
9. Forged staple from 1/4 inch T. iron stock.
10. 1/4 inch diameter forged iron spike. Pre-drill holes typical.
11. Forged iron lift bar with beveled corners.
12. Forged gate ketch.
13. Forged pig-tail handle. 1/4 to 3/16 inch diameter.
14. Provide forged lugs on all spikes to prevent removal of spike.
15. Pre-drill holes for all spike mountings to prevent splitting of wood.
16. Existing iron gate.
17. Forged pig-tail handle. 1/4 to 3/16 inch diameter.
18. Drill bar stock and weld.
19. Forged lift bar from 1/4 inch T. iron stock.
20. Remove existing ornamental lift bar.
21. Forged gate ketch. See detail.
22. Patch damaged brick with epoxy grout as required.
23. 1/4" Diameter x 3" L. minimum Galvanized masonry bolt and shield.
24. Existing lock clasp hole.
25. 3/16 inch diameter rivet or tamper resistant bolt.
26. 1/4 inch radius at all corners.
27. Bevel edges of forged ketch typical.
28. Forged gate ketch as shown.
29. Forge or weld shape as shown.
30. Drill hole for 1/4 inch diameter bolt typical.
31. 1/4 inch T. forged iron stock.
32. Bevel edge typical.
33. Field adjust sizes as shown for actual conditions.
34. Forged iron Gate pintel and spike as shown.
35. 2 1/2 inch L. Spike or equal lag bolt.
36. Forged hinge socket as shown. Provide total bonding of metal at joint.
37. 3/8 + or - inch diameter hinge pivot rod.
38. Hinge forged from 1/4 inch T. iron stock.
39. 3/16 inch T. decorative medallion on hinge plate.
40. Fence picket typical.
41. Bevel hinge edge typical.
42. Wood blocking at this location typical.
43. 2 x 4 Horizontal rail beyond.

NOTE: All hardware shown shall be heat wrought hand forged gate hardware.

COMMONWEALTH OF VIRGINIA — DEPARTMENT OF HISTORIC RESOURCES

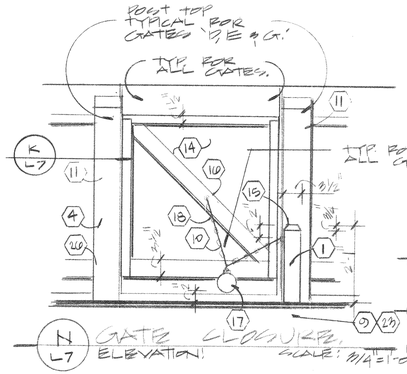
SISKA AURAND

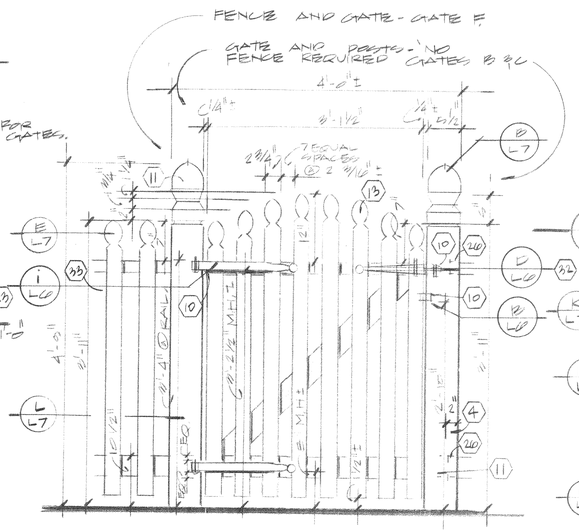
Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets

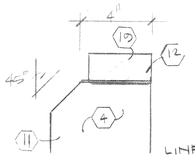
Gate Hardware

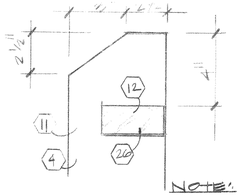
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PROJECT NO.:
DATE: 5.24.00
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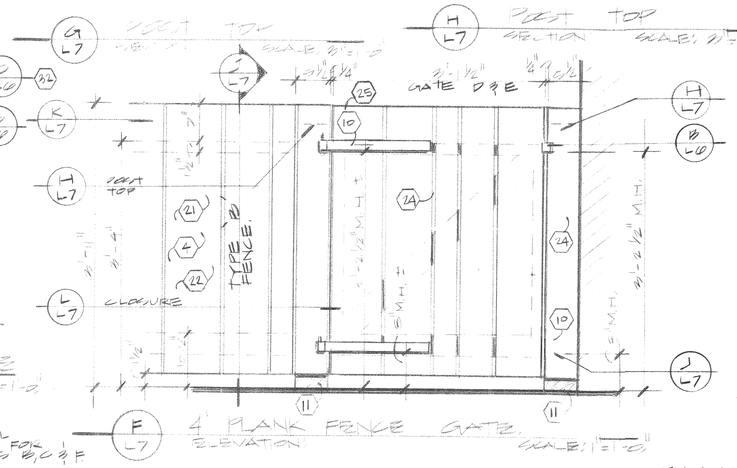
DRAWING L6
SHT 7 OF 9

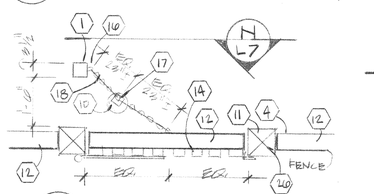


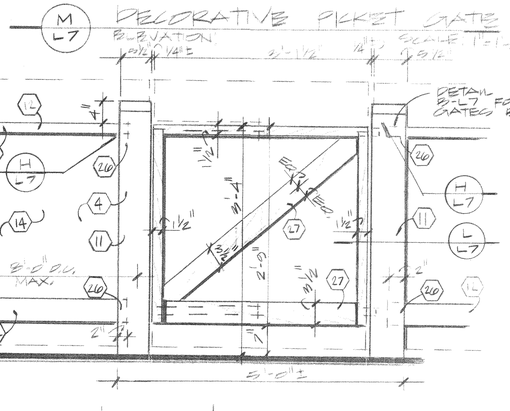


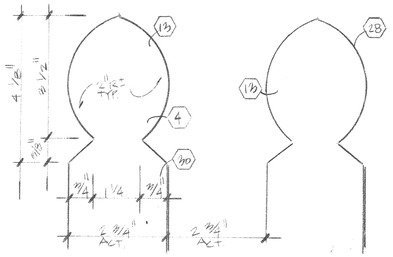


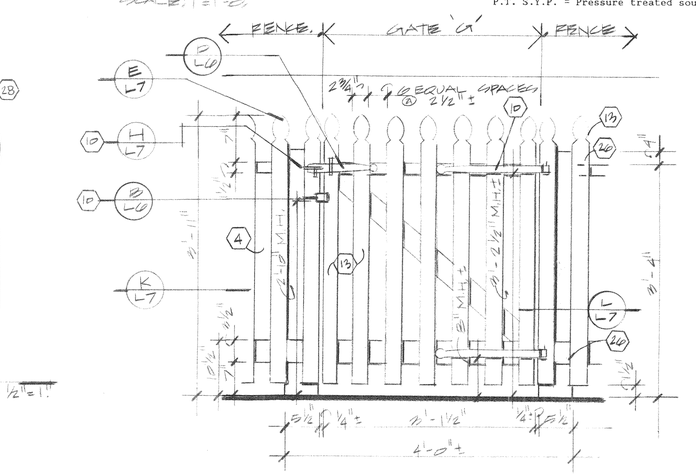


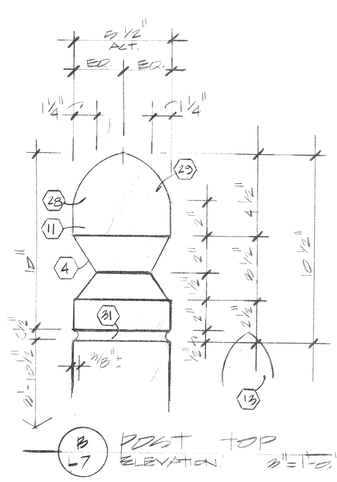


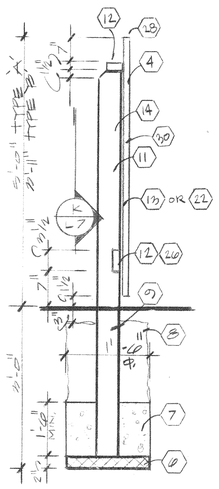


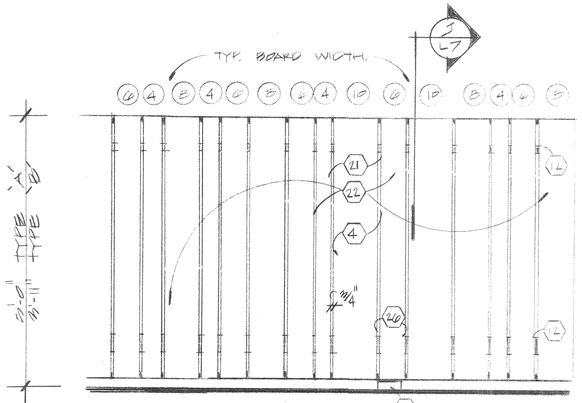


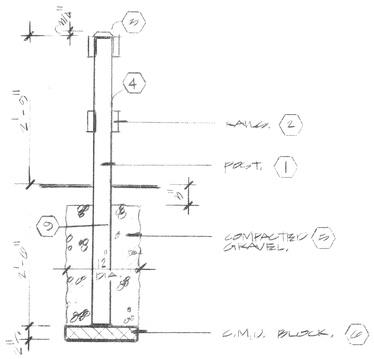


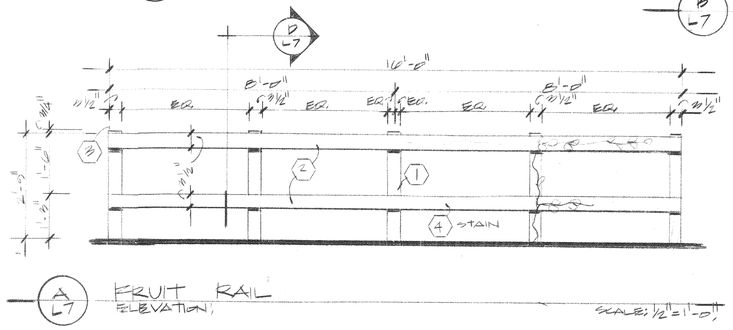














NOTES:

1. P.T. - S.Y.P. - LP-22 - 4" x 4"
2. 5/4" x 4" - W.R.C. rails finished four sides
3. 3/8" bevel.
4. Two coats min. of white opaque stain.
5. VDOT compacted No. 26 crusher run.
6. 18" dia. or 12" dia. concrete 3,000 P.S.I. patio block. See detail.
7. 3,000 P.S.I. concrete footing.
8. Crusher run or compacted porous fill at line posts to fence only. 3,000 P.S.I. concrete at gate posts only.
9. Coat all posts below grade with one coat of 'COPPER T-50'.
10. Paint hardware as per specifications. Typ all hardware.
11. P.T.- S.Y.P. - LP-22 - 6" x 6"
12. 4 P.T. - S.Y.P. - LP-22 - 2" x 4"
13. W.R.C. picket rough cut finish - 1" x 3"
14. Fencing types vary.
15. 3/4" bevel.
16. Galv. eye screw. 1/4" dia. (bolt shaft) x 1 1/2" L.
17. Cannonball closure. See specs.
18. Field Adjust chain for cannonball weight. Chain as supplied by weight supplier.
19. Rail splice at posts only.
20. Allow all pressure treated lumber to weather prior to staining typical. Prepare P. T. lumber as per paint manufacturer's recommendations.
21. Vary widths of planks as shown. Provide one series of board sequence as shown followed by reversed sequence. Continue "sets" of sequence and reversed sequence as required.
22. 5/4" x 4" , 5/4" x 6", 5/4" x 8", 5/4" x 10" randomly. Sequenced W.R.C. - see detail.
23. 12" dia x 3' -0" deep concrete footing. Extend post to bottom of footing as per detail J-L-7.
24. Random board sequence for gates 'D and E' as shown. See item #22.
25. Trim board width to edge of gate as shown.
26. Route or provide rabbit in all posts as shown to accept side rails. Chisel, saw and/or route post as shown so planks or pickets are flush with post as per detail J-L7.
27. Recess brace flush with pickets on vertical planks of gate typ.
28. Cut to shape and lightly sand if splintering is present.
29. Acorn shape typ. all four sides of post.
30. Seal checking and loose knots.
31. 1/2 inch wide 'half round' rout.
32. Delete latch at Gates B and C. AS SHOWN ON SHEET L2.
33. Delete fencing at edge location Gates B and C. AS SHOWN ON SHEET L2.

NOTE:

W.R.C. = W.R.C. Rough finish western red cedar.
P.T. S.Y.P. = Pressure treated southern yellow pine.

C. DOUGLAS AURAND — No. 344 — COMMONWEALTH OF VIRGINIA — LICENSED LANDSCAPE ARCHITECT

NRHA Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Fence Details

SCALE: AS SHOWN
DRAWN BY: CDA.
PROJECT NO.:
DATE: 5-24-00
REVISED:

DRAWING L7
SHT. 8 OF 9

Freemason Street

Cumberland Street

Willoughby - Baylor House

GROUND COVER

SHRUBS

LAWN

HERBS

BRICK

GRAVEL

Well

Arbor

FUTURE BRICK TERRACE

Kitchen

HEDGE

HYD. STM.

CONTROLLER

BACKFLOW PREVENTOR

DOOR LOCATION.

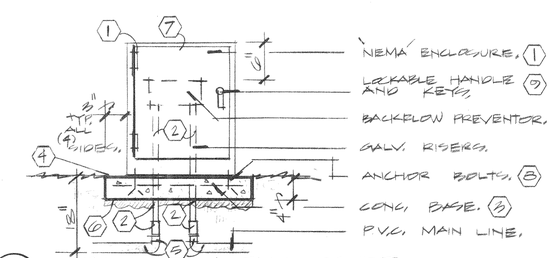
LIMITS OF WORK

Notes:

1. PIPING AND VALVES SHALL BE LOCATED SO THAT THE FOLLOWING PLANTING AREAS ARE WATERED INDEPENDENT OF EACH OTHER AND ARE LOCATED ON SEPERATE ZONES ON THE CONTROLLER.
   A. HERBS,
   B. GROUND COVER AND SHRUBS,
   C. LAWN.
2. PROVIDE DESIGN DRAWING AS PER SPECIFICATIONS.
3. HEAD LAYOUT AS SHOWN IS CONCEPT ONLY. INCREASE HEADS AND SPACING TO COMPLY WITH SPECIFICATIONS AND PROVIDE HEAD TO HEAD COVERAGE THRU NOZZLE SELECTION AND SPACING.

LEGEND:

- LAWN HEAD AND ZONE. - TORO '700' SERIES OR EQUAL.
- SHRUB AND GROUND COVER HEAD AND ZONE. - TORO 570' SERIES WITH 12" POP-UP, OR EQUAL. " PROVIDE (PLD) AS REQUIRED.
- HERB HEAD AND ZONE. - TORO '570' SERIES OR EQUAL WITH 'LOW GALLONAGE' NOZZLES AND 'BRASS 12' LOW GALLONAGE NOZZLES, 12" POP-UP W/ (PLD)
- BUBBLER HEAD - PRESSURE COMPENSATING FLOOD BUBBLER NOZZLE ON 6" 570 SERIES TORO HEAD OR EQUAL.



BACKFLOW ENCLOSURE. SECTION - ELEVATION. SCALE: 3/4"=1'-0"

IRRIGATION NOTES

1. PROVIDE GALVANIZED 'NEMA' ENCLOSURE AROUND BACKFLOW PREVENTOR.
2. GALVANIZED RISER AND THREADED COUPLING.
3. 3000 P.S.I. AIR ENTRAINED CONCRETE WITH 6" X 6" W1.4 X W1.4.
4. 3/4" BEVEL CONTINUOUS.
5. P.V.C. MAIN LINE AND SLIP X MPT COUPLING.
6. 3 INCHES OF POROUS FILL COMPACTED.
7. PRIME AND PAINT NEMA ENCLOSURE. COLOR SELECTED BY OWNER.
8. 4 OF 3/8 INCH BY 3 INCH LONG GALVANIZED ANCHOR BOLTS BY 'HILTI'.
9. PROVIDE LOCKABLE HANDLE AND KEYS.

COMMONWEALTH OF VIRGINIA — C. DOUGLAS AURAND — No. 344 — CERTIFIED LANDSCAPE ARCHITECT

NRHA Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING · SITE DESIGN · LANDSCAPE ARCHITECTURE
2101 North Commonwealth Road, Suite 110 · Virginia Beach, Virginia 23462 · (804) 441-0504 · FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

IRRIGATION PLAN

SCALE: 1/4"=1'-0"
DRAWN BY: CDA,
PROJECT NO.:
DATE: 9-24-90
REVISED:

DRAWING L8
SHT. 9 OF 9

3425 b-18

Freemason Street

Parking Court

Cumberland Street

Brick

Willoughby - Baylor House

Perennials

Herbs

Brick

Well

Roses

Arbor

Kitchen

Future Patio

Parking

EXIST. LOCUST

EXIST. BRICK PAVING

EXIST. BOXWOOD

1-V.P.

V.M.B. @ 8" O.C.

1-Y.H.

4-H.G. @ 16" O.C.

12-B.G.G.

4-Y.R.

33-T.A. @ 16" O.C.

2-M.V.

FUTURE PATIO.

16-I.G. @ 12" O.C.

1-R.P. AS SHOWN

7-H.G. @ 16"

1-V.A.

1-C.P. ON FENCE

5-R.L. @ 3'-0" O.C.

3-C.H.F. @ 16" O.C.

1-P.C.

7-H.G. @ 16" O.C.

7-R.L. @ 16" O.C.

H.H.B. @ 8" O.C.

1-F.G. @ 2'-0" O.C.

2-F.A. AS SHOWN

4-H.A. @ 16" O.C.

11-V.T. @ 4'-0" O.C.

1-C.B. ON FENCE.

4-C.V. AS SHOWN.

272-I.G. @ 8" O.C.

8-M.C. SEE DETAIL, TYP. 8 PLM.

76-I.G. @ 12" O.C.

6-F.C. @ 16" O.C.

4-B.G. RELOCATED FROM LOCATION # 8 TYP.

2-M.C. @ 3'-6"

3'-P.C. AS SHOWN.

3'-K.L. @ 4'-0" O.C.

2-A.P. AS SHOWN.

13-I.V. @ 30" O.C.

7-H.G. @ 16" O.C.

1-I.O.

2-P.C.

1-K.L.

3'-H.V. AS SHOWN.

4-M.C. @ 3'-6" O.C.

3'-R.C. @ 16" O.C.

2-E.A. @ 16" O.C.

4-P.+ AS SHOWN

3'-C.P.F. @ 16" O.C.

Notes

1. AMERICAN HOLLY TO BE REMOVED N.I.C.
2. WISTERIA TO BE REMOVED N.I.C.
3. MISCELLANEOUS HOLLY TO BE REMOVED N.I.C.
4. PINE TO BE REMOVED N.I.C.
5. EXISTING BOXWOOD TO REMAIN.
6. EXISTING YAUPON HOLLY HEDGE TO REMAIN.
7. BRADFORD PEAR TO BE REMOVED N.I.C.
8. RELOCATE EXISTING BOXWOOD AT THIS LOCATION. SEE PLAN FOR NEW LOCATION.
9. EXISTING TREE-FORM YAUPON HOLLY TO REMAIN.
10. RELOCATE EXISTING DWARF BOXWOOD FROM THIS LOCATION. SEE PLAN FOR NEW LOCATION.
11. EXISTING LIVE OAK TO REMAIN.
12. EXISTING TREE TO REMAIN.
13. EXISTING PINE TO REMAIN.
14. EXISTING VIBURNUM TO REMAIN.
15. EXISTING DOGWOOD TO REMAIN.
16. EXISTING WAX MYRTLE TO REMAIN.
17. MISCELLANEOUS TREES TO BE REMOVED. TREES LOCATED ON PROPERTY LINE N.I.C.
18. AZALEA TO BE REMOVED N.I.C.
19. EXISTING OAK TO REMAIN.
20. EXISTING CHERRY TO REMAIN.

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Site Improvements for Historic
Willoughby-Baylor
Freemason and Cumberland Streets
Norfolk, VA

PLANTING PLAN

SCALE: 1/8"=1'-0"
DRAWN BY: CBA
PROJECT NO.:
DATE: 7-18-00
REVISED:

DRAWING
L9
SHT. OF

Freemason Street

Parking Court

Cumberland Street

Brick

Willoughby - Baylor House

Brick

Well

Kitchen

Arbor

Future Patio

Parking

EXIST. LOCUST

EXIST. BRICK PAVING

EXIST. BOXWOOD

REMOVE EX. ROSE

REMOVE ALL EX. SHRUBS

FUTURE PATIO

NEW WOOD FENCE BY G.C.

1-V.P.
460 V.M.B. @ 8" O.C.
10-A.R.
1-V.A.
12-A.C.M. @ 16" O.C.
600-D.H. INTERPLANT.
26-P.P. @ 12" O.C.
48-H.G. @ 16" O.C.
202-V.M. @ 6" O.C.
72-R.R. @ 30" O.C.
16-P.H. 4-EA. AREA.
8-R.R.H. 4 EA. AREA.
16-A.R.
16-G.V.
16-G.M.
16-T.V. @ 16" O.C.
16-G.P. @ 10" O.C.
1-Q.P. AS SHOWN
17-H.G. @ 16" O.C.
1-V.A.
2-C.S. ON FENCE.
1-V.R. ON FENCE
5-R.V. @ 5'-0" O.C.
2-C.F. @ 30" O.C.
1-P.C.
7-H.G. @ 16" O.C.
600-T.G.
324-H.H.B. @ 8" O.C.
24-C.A. @ 15" O.C.
108-L.M.
126-L.M. @ 8" O.C.
30-R.D.A.
48-A.A.P. @ 6'
600
10-L.A.
7HD
48-R.C.H.
12-B.G.G.
4-Y.R.
20-V.M.
40-L.A.
24-ODT. @ EA
14-H.P.
2-Y.
2-A.M.
4-H.G. @ 30" O.C.
2-M.V.
30-T.G. @ 12" O.C. IN EA. HOLE
1-Q.P. AS SHOWN
4-P.T. AS SHOWN
11-C.E. @ 30" O.C.
4400-H.G. @ 16" O.C.
EA. BRICK
GRAVEL
CURB-I.S.E.
BRICK
EX. GRAPE.
EX. BRICK
700-H.H.B. @ 8" O.C.
15-F.G. @ 2'-0" O.C.
1-P.A. AS SHOWN
4-H.A. @ 36" O.C.
11-V.T. @ 4'-0" O.C.
1-C.R. ON FENCE.
4-C.V. AS SHOWN.
11-H.B. @ 36" O.C.
272-I.S.E. @ 8" O.C.
8-H.M.
8-M.G. SEE DETAIL, TYP. 8 PL.
40-I.S. @ 12" O.C.
6-P.C. @ 30" O.C.
4-B.S. RELOCATED FROM LOCATION # 8 TYP.
2-M.C. @ 10'-0"
11-P.G. AS SHOWN.
11-K.L. @ 4'-0" O.C.
2-A.P. AS SHOWN.
12-I.V. @ 30" O.C.
7-H.G. @ 36" O.C.
1-Q.P.
2-P.C.
1-K.L.
11-H.V. AS SHOWN.
4-M.C. @ 5'-6" O.C.
1-C.I. AS SHOWN.
5-H.M. @ 30" O.C.
5-E.A. @ 30" O.C.
8-R.C. @ 36" O.C.
1-K.L. AS SHOWN.
12
16
11
10
13
19
15
17
18
20
14
24
22
23

Notes

1. AMERICAN HOLLY TO BE REMOVED N.I.C.
2. WISTERIA TO BE REMOVED N.I.C.
3. MISCELLANEOUS HOLLY TO BE REMOVED N.I.C.
4. PINE TO BE REMOVED N.I.C.
5. EXISTING BOXWOOD TO REMAIN.
6. EXISTING YAUPON HOLLY HEDGE TO REMAIN.
7. BRADFORD PEAR TO BE REMOVED N.I.C.
8. RELOCATE EXISTING BOXWOOD AT THIS LOCATION. SEE PLAN FOR NEW LOCATION.
9. EXISTING TREE-FORM YAUPON HOLLY TO BE REMOVED BY LAND CONTRACTOR.
10. RELOCATE EXISTING DWARF BOXWOOD FROM THIS LOCATION. SEE PLAN FOR NEW LOCATION.
11. EXISTING LIVE OAK TO REMAIN.
12. EXISTING TREE TO REMAIN.
13. EXISTING PINE TO REMAIN.
14. EXISTING VIBURNUM TO REMAIN.
15. EXISTING DOGWOOD TO REMAIN.
16. EXISTING WAX MYRTLE TO REMAIN.
17. MISCELLANEOUS TREES TO BE REMOVED. TREES LOCATED ON PROPERTY LINE N.I.C.
18. AZALEA TO BE REMOVED N.I.C.
19. EXISTING OAK TO REMAIN.
20. EXISTING CHERRY TO REMAIN.
21. STRIP-OFF EXIST. TURF AND RESOD THIS AREA ONLY.
22. RAISE BED 6" TO 8" ABOVE EX. GRADE TYP.
23. REMOVE ALL SHRUBS THIS AREA.
24. TOPSOIL AND SEED ALL LOW AND DISTURBED AREAS.

LAWN OR PAVING — MULCH BED, 1/2" TO 2" T.

A L-7 TYP BED EDGE SECTION, N.T.S.

1. Head bare-root whip or young branched tree at or near first wire. Leave at least three buds or branches below cut. Tie branches to wire below cut.
2. During first growing season, permit buds to develop into shoots.
3. Choose three best shoots and remove others. Train two horizontally along wires and one vertically. Shorten long branches so all are approximately equal in length.
4. During the growing season, prune or pinch plant regularly to maintain the pattern. Shorten side shoots and suckers to spurs.
5. In second dormant season, head plant at or near second wire. Repeat process of training new shoots and central leader from buds that develop next season.
6. A minimum of four years is required to obtain an espalier this height. Each dormant season, repeat steps 1 through 4 as necessary to hold pattern and develop spurs.

B L-7 ESPALIER APPLE SKETCH N.T.S.

ESPALIER FRUIT TREE ESPALIER

PERENNIALS — EDGE — GRAVEL BY G.C. — RAISE BED 2" T. — EX. BRICK — 600 — 1" TO 2" CROWN — 2'-4" — 3'-4" — 2" — BRICK BY G.C. — HERB PLANT. AREA — 1/2" TO 1 1/4" — 1/2" TO 3/4" — MIRROR IMAGE.

C L-7 RAISED BED DETAIL SECTION N.T.S.

SISKA URBAN D

Site Improvements for Historic Willoughby-Baylor

PLANTING PLAN

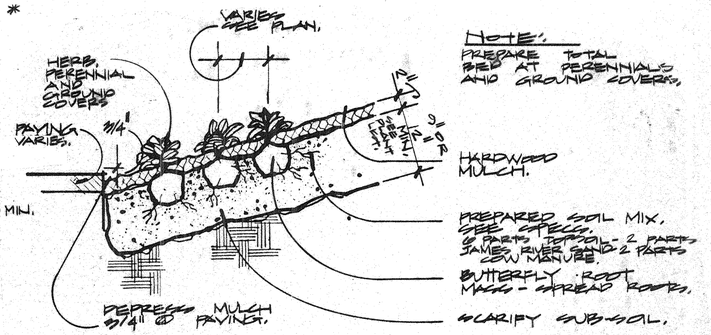
SCALE: 1/8"=1'-0"
DRAWN BY: CBA
PROJECT NO.

DRAWING
L9

PLANT MATERIAL LIST

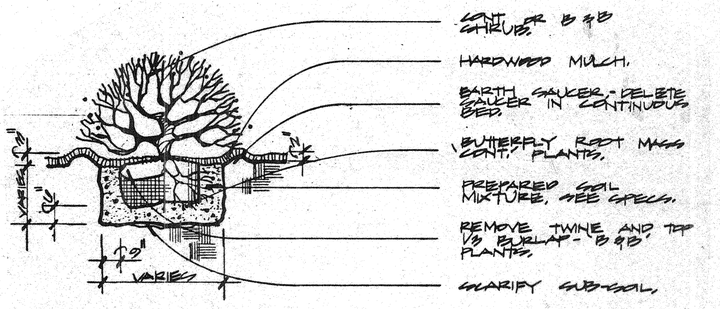
CODE	QUANTITY	BOTANICAL NAME	COMMON NAME	DTL	SIZE	ROOT	REMARKS
		TREES			NOTE: ALL TREES TO HAVE STRAIGHT LEADERS.		
A.P.	2	AESCULUS PAVIA	DWARF RED BUCKEYE		6'-8' HT. 2" CAL. MIN.	B&B.	FULL CROWN, WELL BRANCHED SPECIMEN. *
C.I.	1	CARYA ILLINOENSIS "GREENRIVER"	PECAN		8'-10' HT. 2"-2½" CAL.	B&B.	FULL " " " " *
C.V.	4	CHIONANTHUS VIRGINICUS	FRINGE TREE - WHITE FLOWERING		5'-6' HT.	B&B.	FULL CROWN, PLEACHED SPECIMEN.
'DELETED'		ILEX OPACA	AMERICAN HOLLY		8'-10' HT. 2½" CAL. MIN.	B&B.	FULL " " " *
M.V.	2	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA		5'-6' HT.	B&B.	FULL CROWN, MULTI-STEMMED AND PLEACHED. 3 MAINS, MINIMUM.
M.S.	8	MALUS x "ROXBURY RUSSET"	DWARF ROXBURY RUSSET, ESPALIERED APPLE		2 YEAR WHIPS	B.R.	TRAIN ON FENCE INTO A "FAN" ESPALIER AS APPROVED BY LAND. ARCHITECT. FALL PLANTING ONLY. SEE DTL.
P.A.	2	PLATANUS ACERIFOLIA x "LONDON PLANE - BLOODGOOD"	LONDON PLANE TREE "BLOODGOOD VAR."		10'-12' HT. 2½" CAL.	B&B.	FULL CROWN, SPECIMEN. TREES TO HAVE SYMMETRICAL HORIZONTAL AND VERTICAL BRANCHING. *
P.T.	4	PINUS TAEDA	LOBLOLLY PINE		6'-8' HT.	B&B.	FULL CROWN, SPECIMEN. *
P.C.	7	PRUNUS CAROLINIANA	CAROLINA CHERRY LAUREL		6'-8' HT.	B&B.	" " " .
Q.P.	2	QUERCUS PHELLOS	WILLOW OAK	DTL. C-L10	8'-10' HT.	B&B.	FULL CROWN, SYMMETRICAL VERTICAL AND HORIZONTAL BRANCHING. *
V.A.	2	VITEX AGNUS-CASTUS	CHASTE TREE		6'-8' HT.	B&B.	FULL CROWN, SPECIMEN.
V.P.	1	VIBURNUM PRUNIFOLIUM	BLACK HAW		6'-8' HT.	B&B.	PLEACHED, MULTI-STEMMED SPECIMEN. FULL CROWN. 3 MAINS, MINIMUM. *
		SHRUBS					
B.S.	4	BUXUS SEMPERVIRENS	AMERICAN BOXWOOD		EXISTING ON SITE	B.B.	RELOCATE AS SHOWN ON PLANTING PLAN, SHEET L-0.
B.S.S.	12	BUXUS SEMPERVIRENS "SUFFRUTICOSA"	DWARF AMERICAN BOXWOOD		EXISTING ON SITE	B.B.	RELOCATE AS SHOWN ON PLANTING PLAN, SHEET L-0.
C.A.	23	CLETHRA ALNIFOLIA ALBA	WHITE FLOWERING SWEET PEPPER BUSH		18"-24" HT.-SPR.	3 GAL.	FULL PLANTS.
C.F.	6	CALYCANTHUS FLORIDUS	COMMON SWEET SHRUB		18"-24" HT.-SPR.	3 GAL.	" " .
E.A.	5	EUONYMUS AMERICANUS	STRAWBERRY BUSH		18"-24" HT.-SPR.		" " .
F.C.	6	FICUS CARICA x "BROWN TURKEY"	BROWN TURKEY FIG		3'-4' HT.	B.B.	3 MAIN TRUNKS, FULL PLANTS.
F.G.	13	FOTHERGILLA GARDENII	DWARF BOTTLEBRUSH		15"-18" HT.-SPR.	2 GAL.	FULL PLANTS.
H.A.	4	HYDRANGEA ARBORESCENS	SMOOTH OR WILD HYDRANGEA		18"-24" HT.	5 GAL.	" " .
H.V.	3	HAMAMELIS VIRGINIANA	COMMON WITCH HAZEL		4'-5' HT.	B.B.	FULL CROWNS - PLEACHED AS DIRECTED BY LAND. ARCHITECT. 3 MAINS MIN.
H.M.	10	HYDRANGEA MACROPHYLLA x "NIKKO BLUE"	BLUE HYDRANGEA		24"-30" HT.	B.B.	HEAVY, FULL PLANTS.
H.Q.	33	HYDRANGEA QUERCIFOLIA	OAK LEAF HYDRANGEA		18"-24" HT.	B.B.	3 MAINS, MINIMUM. FULL PLANTS.
I.V.	21	ILEX VOMITORIA	YAUPON HOLLY		18" HT. MIN.	3 GAL.	FULL HEADS.
K.L.	5	KALMIA LATIFOLIA	MOUNTAIN LAUREL		18"-24" HT.-SPR.	3 GAL.	FULL PLANTS. PLANT IN AGED PINEBARK/SHARP SAND MIX, 2" ABOVE GRADE AND TREAT WITH "SUBDUE".
M.C.	6	MYRICA CERIFERA	SO. WAX MYRTLE		24"-30" HT.	B.B.	HEAVY GRADE, FULL PLANTS.
R.C.	16	RHODODENDRON CANESCENS	PIEDMONT AZALEA	DTL. B-L10	15"-18" HT.-SPR.	2 GAL.	FULL PLANTS. PLANT IN AGED PINEBARK/SHARP SAND MIX, 2" ABOVE GRADE AND TREAT WITH "SUBDUE".
R.R.	3	ROSA RUGOSA "SIR THOMAS LIPTON"	WHITE FLOWERING RUGOSA ROSE		15"-18" HT.	B.R.	FALL PLANTING ONLY.
T.V.	3	TANACETUM VULGARIS	COMMON TANSY		15"-18" HT.	2 GAL.	FULL PLANTS. 24" OC.
V.T.	3	VIBURNUM TINUS	LAURUSTINUS VIBURNUM		30"-36"	5 GAL.	FULL PLANTS.
Y.R.	4	YUCCA RECURVIFOLIA	PENDULOUS YUCCA		24"-30"	3 GAL.	FULL PLANTS.
		GROUNDCOVERS AND VINES					
C.R.	2	CAMPSIS RADICANS x "MADAM GALEN"	TRUMPET VINE	DTL. A-L10 - 12" PREPARED SOIL BED	2'-3' STAKED	2 GAL.	TRAIN ON FENCE AS SHOWN ON PLAN.
C.S.	2	CELASTRUS SCANDENS	AMERICAN BITTERSWEET VINE		2'-3' STAKED	2 GAL.	TRAIN ON FENCE AS SHOWN ON PLAN.
G.P.	6	GAULTHERIA PROCUMBENS	WINTERGREEN		8"-10" HT. & SPR.	1 GAL.	FULL PLANTS.
H.H.B.	7350	HEDERA HELIX "BALTICA"	BALTIC IVY		4"L 6"	2¼" POT	6" OC.
L.M.	1404	LIRIOPE MUSCARI	LIRIOPE -		4" HT. 2-3 BIBS	2¼" POT	8" OC.
V.M.	202	VINCA MAJOR	LARGE PERIWINKLE		4" TRAILERS	2¼" POT	6" OC.
V.M.B.	456	VINCA MINOR x "BOWLES"	BOWLES STANDARD PERIWINKLE		4" TRAILERS	2¼" POT	8" OC.
		HERBS, PERENNIALS AND VEGETABLES					
A.AF.	48	ASTER AMELLUS x "FRAMFIELDII"	FALL BLOOMING LILAC-BLUE ASTER		6" HT.	1 QT.	NOTE: ALL PLANTS LISTED BELOW ARE TO BE FULL PLANTS!
AC.M.	12	ACHILLEA MILLIFOLIUM 'WHITE BEAUTY'	WHITE ACHILLEA OR MILFOIL		6" HT.	1 QT.	16" OC.
A.R.	6	ARMORACIA RUSTICANA	HORSERADISH		6"-8" HT.	B.R.	FALL PLANTING.
A.M.	6	ACANTUS MOLLIS	BEARS BREECH		6"-8" HT.	2 QT.	16"-18" OC. RICH ORGANIC SOIL MIX.
A.S.	100	ALLIUM SCHOENOPRASUM	CHIVES		4"L 6" HT.	4" POT	
A.R.	10	ALTHEA ROSEA "ALBA"	COMMON WHITE HOLLYHOCKS		12" HT.	1 QT.	RICH ORGANIC SOIL MIX.
D.P.	400	DIANTHUS PLUMARIS	COMMON PINKS		4" HT.	4" POT	PLANT IN SANDY SOIL MIX - (SHARP JAMES RIVER SAND). ADD BONEMEAL.
D.P.i.	24	DIGITALIS PURPUREA	COMMON DIGITALIS - PURPLE		6"-8" HT.	QT.	14"-16" OC.
G.V.	6	GALIUM VERUM	LADY'S BED STRAW		6" HT.	QT.	
H.O.	14	HYSSOPIS OFFICINALIS	HYSSOP		8" HT.	QT	18" OC.
H.S.	403	HEMEROCALLIS SP "ORANGE"	COMMON ORANGE DAYLILY.		6" HT. 2-3 BIBS.	B.R.	14" OC. 'CLASSIC GROUND COVER'
I.S.	70	IRIS SIBERICA "TEALWOOD"	30" MATURE HT. PURPLE IRIS		8" HT.	B.R.	14" OC.
I.SE.	272	IBERIS SEMPERVIRENS	CANDYTUFT		6" HT. & SPR.	4" POT	8'-0" OC.
M.O.	20	MELISSA OFFICINALIS	LEMON BALM		6"-8" HT.	4" POT	18" OC.
P.N.	16	PETROSELINUM CRISPUM 'NEAPOLITANUM'	PARSLEY - ITALIAN PLAIN		4"-6" HT.	4" POT	10" OC. ‡
P.P.	26	PHLOX PANICULATA "MT. FUGIYAMA"	WHITE TALL SUMMER PHLOX		6"-8" HT.	QT.	14" OC.
R.G.	48	RUTA GRAVEOLENS	COMMON RUE		4"-6" HT.	4" POT	12" OC.
R.O.A	30	ROSEMARINUS OFFICINALIS 'ANGUSTIFOLIA'	ROSEMARY.		10"-12" HT. AND SPR.	1 GAL.	PLANT IN SANDY LOAM SOIL MIX. (SHARP JAMES RIVER SAND).
R.R.H.	8	RHEUM RHABARBARUM x "VICTORIA"	RHUBARB "VICTORIA"		10"-12"	B.R.	FALL PLANTING. 24" OC. MIN.
S.M.	16	SATUREJA MONTANA	WINTER SAVORY		10"-12" HT.	1 GAL.	18" OC.
L.A.	40	LAVANDULA ANGUSTIFOLIA "HIDCOTE"	LAVANDER "HIDCOTE"		10" HT. AND SPR.	6" POT	12"-14" OC. PLANT IN SANDY LOAM SOIL MIX. (SHARP JAMES RIVER SAND).
T.G.	88	TEUCRIUM CHAMAEDRYS	GERMANDER		10"-12" HT.	1 GAL.	14"-16" OC.
T.S.	50	THYMUS SERPHYLLUM	CREEPING THYME,		2"-4" HT.-SPR.	6" POT	6"-8" OC. PLANT IN SANDY LOAM SOIL MIX. (SHARP JAMES RIVER SAND).
T.V.	6	TRADESCANTIA VIRGINIANA 'JAMES C. WEGELIN'	SPIDERWORT "PURPLE BLUE"		8" HT.	1 QT.	10"-12" OC.
		BULBS					
D.H.	400	DAFFODIL x "PASSIONALE"	WHITE WITH PEACH THROAT DAFFODIL		TOP SIZE BULBS		6" OC. AND 3½ TIMES BULB DEPTH - PLANT IN OCTOBER.

* STAKED TREE TYP. SYMBOL.

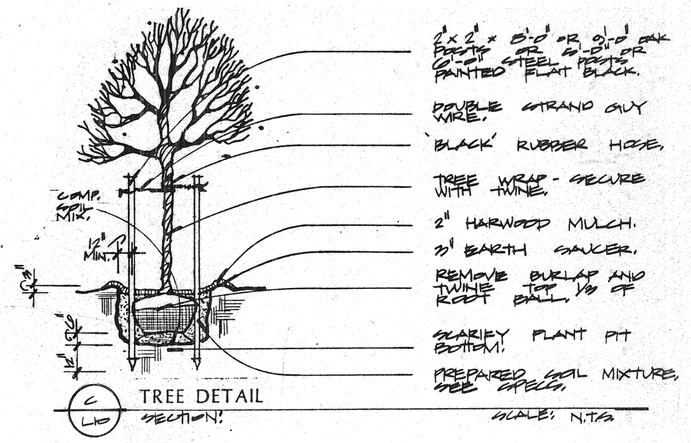


NOTE: PREPARE TOTAL BED AT PERENNIALS AND GROUND COVERS.

A L10 GROUND COVER DETAIL SECTION. SCALE: N.T.S.



B L10 SHRUB DETAIL SECTION. SCALE: N.T.S.



C L10 TREE DETAIL SECTION. SCALE: N.T.S.

THE ABOVE DRAWINGS AND SPECIFICATIONS AND THE IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE LANDSCAPE ARCHITECT. NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OR BY ANY OTHER PERSON FOR ANY PURPOSE OTHER THAN FOR THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE LANDSCAPE ARCHITECT.

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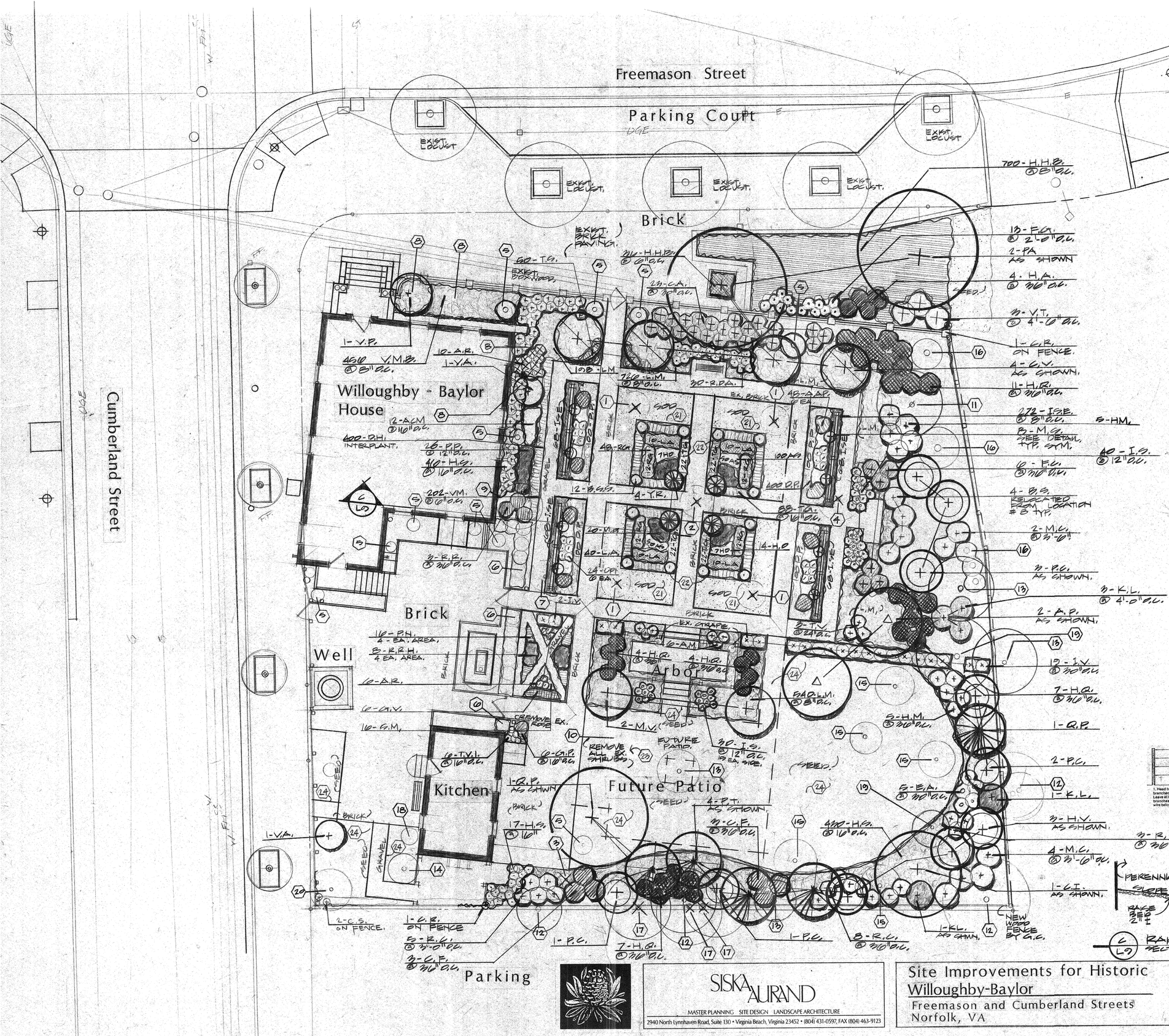
SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for Historic Willoughby-Baylor
Freemason and Cumberland Streets
Norfolk, VA
Plant List and Details

SCALE: AS SHOWN
DRAWN BY: C.A.S.
PROJECT NO.:
DATE: 9-18-00
REVISED:

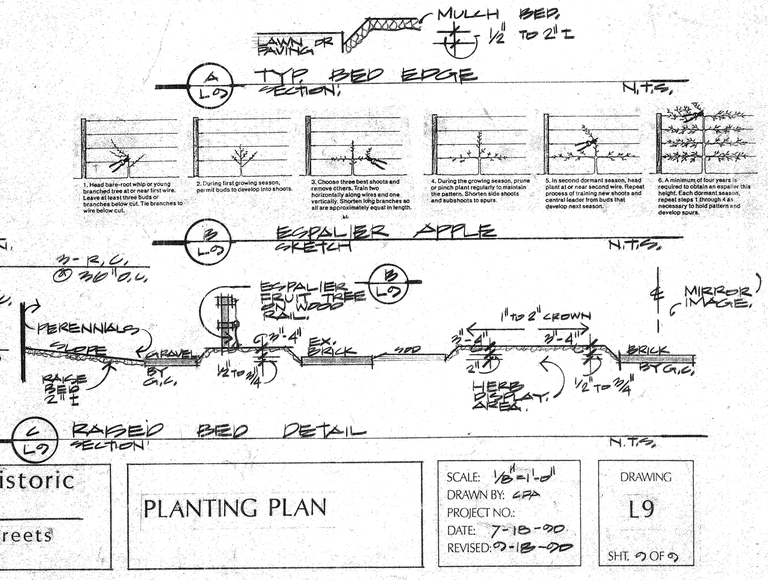
DRAWING L10
SHT. 10 OF 10

150243



Notes

1. AMERICAN HOLLY TO BE REMOVED N.I.C.
2. WISTERIA TO BE REMOVED N.I.C.
3. MISCELLANEOUS HOLLY TO BE REMOVED N.I.C.
4. PINE TO BE REMOVED N.I.C.
5. EXISTING BOXWOOD TO REMAIN.
6. EXISTING YAUPON HOLLY HEDGE TO REMAIN.
7. BRADFORD PEAR TO BE REMOVED N.I.C.
8. RELOCATE EXISTING BOXWOOD AT THIS LOCATION. SEE PLAN FOR NEW LOCATION.
9. EXISTING TREE-FORM YAUPON HOLLY TO BE REMOVED BY LAND CONTRACTOR.
10. RELOCATE EXISTING DWARF BOXWOOD FROM THIS LOCATION. SEE PLAN FOR NEW LOCATION.
11. EXISTING LIVE OAK TO REMAIN.
12. EXISTING TREE TO REMAIN.
13. EXISTING PINE TO REMAIN.
14. EXISTING VIBURNUM TO REMAIN.
15. EXISTING DOGWOOD TO REMAIN.
16. EXISTING WAX MYRTLE TO REMAIN.
17. MISCELLANEOUS TREES TO BE REMOVED. TREES LOCATED ON PROPERTY LINE N.I.C.
18. AZALEA TO BE REMOVED N.I.C.
19. EXISTING OAK TO REMAIN.
20. EXISTING CHERRY TO REMAIN.
21. STRIP-OFF EXIST. TURF AND RESOD THIS AREA ONLY.
22. RAISE BED 6" TO 8" ABOVE EX. GRADE TYP.
23. REMOVE ALL SHRUBS THIS AREA.
24. TOPSOIL AND SEED ALL LOW AND DISTURBED AREAS.



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Site Improvements for Historic Willoughby-Baylor
Freemason and Cumberland Streets
Norfolk, VA

PLANTING PLAN

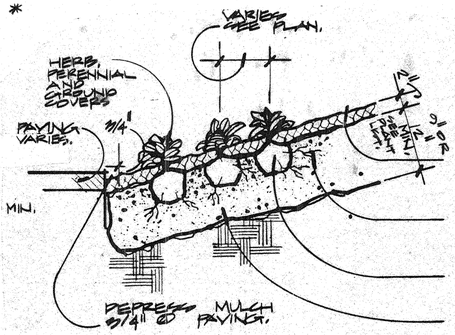
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DRAWN BY: CBA
PROJECT NO.:
DATE: 7-18-00
REVISED: 9-18-00

DRAWING L9
SHT. 9 OF 9

PLANT MATERIAL LIST

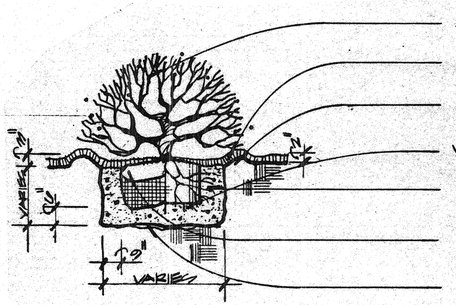
CODE	QUANTITY	BOTANICAL NAME	COMMON NAME	DTL	SIZE	ROOT	REMARKS
		TREES			NOTE: ALL TREES TO HAVE STRAIGHT LEADERS.		
A.P.	2	AESCULUS PAVIA	DWARF RED BUCKEYE		6'-8' HT. 2" CAL. MIN.	B&B.	FULL CROWN, WELL BRANCHED SPECIMEN. *
C.I.	1	CARYA ILLINOENSIS "GREENRIVER"	PECAN		8'-10' HT. 2"-2½" CAL.	B&B.	FULL " " " " . *
C.V.	4	CHIONANTHUS VIRGINICUS	FRINGE TREE - WHITE FLOWERING		5'-6' HT.	B&B.	FULL CROWN, FEACHED SPECIMEN.
'DELETED'		ILEX OPACA	AMERICAN HOLLY		8'-10' HT. 2½" CAL. MIN.	B&B.	FULL " " " . *
M.V.	2	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA		5'-6' HT.	B&B.	FULL CROWN, MULTI-STEMMED AND FLEACHED. 3 MAINS, MINIMUM.
M.S.	8	MALUS x "ROXBURY RUSSET"	DWARF ROXBURY RUSSET, ESPALIERED APPLE		2 YEAR WHIPS	B.R.	TRAIN ON FENCE INTO A "FAN" ESPALIER AS APPROVED BY LAND. ARCHITECT. FALL PLANTING ONLY. SEE DTL.
P.A.	2	PLATANUS ACERIFOLIA x "LONDON PLANE - "BLOODGOOD"	LONDON PLANE TREE "BLOODGOOD VAR".		10'-12' HT. 2½" CAL.	B&B.	FULL CROWN, SPECIMEN. TREES TO HAVE SYMMETRICAL HORIZONTAL AND VERTICAL BRANCHING. *
P.T.	4	PINUS TAEDA	LOBLOLLY PINE	DTL. C-L10	6'-8' HT.	B&B.	FULL CROWN, SPECIMEN. *
P.C.	7	PRUNUS CAROLINIANA	CAROLINA CHERRY LAUREL		6'-8' HT.	B&B.	" " " .
Q.P.	2	QUERCUS PHELLOS	WILLOW OAK		8'-10' HT.	B&B.	FULL CROWN, SYMMETRICAL VERTICAL AND HORIZONTAL BRANCHING. *
V.A.	2	VITEX AGNUS-CASTUS	CHASTE TREE		6'-8' HT.	B&B.	FULL CROWN, SPECIMEN.
V.P.	1	VIBURNUM PRUNIFOLIUM	BLACK HAW		6'-8' HT.	B&B.	FLEACHED, MULTI-STEMMED SPECIMEN. FULL CROWN. 3 MAINS, MINIMUM. *
		SHRUBS					
B.S.	4	BUXUS SEMPERVIRENS	AMERICAN BOXWOOD		EXISTING ON SITE	B&B.	RELOCATE AS SHOWN ON PLANTING PLAN, SHEET L-0.
B.S.S.	12	BUXUS SEMPERVIRENS "SUFFRUTICOSA"	DWARF AMERICAN BOXWOOD		EXISTING ON SITE	B&B.	RELOCATE AS SHOWN ON PLANTING PLAN, SHEET L-0.
C.A.	23	CLETHRA ALNIFOLIA ALBA	WHITE FLOWERING SWEET PEPPER BUSH		18"-24" HT. - SPR.	3 GAL.	FULL PLANTS.
C.F.	6	CALYCANTHUS FLORIDUS	COMMON SWEET SHRUB		18"-24" HT. - SPR.	3 GAL.	" " .
E.A.	5	ELONYMUS AMERICANUS	STRAWBERRY BUSH		18'-24' HT. - SPR.		" " .
F.C.	6	FICUS CARICA x "BROWN TURKEY"	BROWN TURKEY FIG		3'-4' HT.	BB.	3 MAIN TRUNKS, FULL PLANTS.
F.G.	13	FOTHERGILLA GARDENII	DWARF BOTTLEBRUSH		15"-18" HT. - SPR.	2 GAL.	FULL PLANTS.
H.A.	4	HYDRANGEA ARBORESCENS	SMOOTH OR WILD HYDRANGEA		18"-24" HT.	5 GAL.	" " .
H.V.	3	HAMAMELIS VIRGINIANA	COMMON WITCH HAZEL		4'-5' HT.	B&B.	FULL CROWNS - FLEACHED AS DIRECTED BY LAND. ARCHITECT. 3 MAINS MIN.
H.M.	10	HYDRANGEA MACROPHYLLA x "NIKKO BLUE"	BLUE HYDRANGEA		24"-30" HT.	BB.	HEAVY, FULL PLANTS.
H.Q.	33	HYDRANGEA QUERCIFOLIA	OAK LEAF HYDRANGEA		18"-24" HT.	B&B.	3 MAINS, MINIMUM. FULL PLANTS.
I.V.	21	ILEX VOMITORIA	YAUPON HOLLY		18" HT. MIN.	3 GAL.	FULL HEADS.
K.L.	5	KALMIA LATIFOLIA	MOUNTAIN LAUREL	DTL. B-L10	18"-24" HT. - SPR.	3 GAL.	FULL PLANTS. PLANT IN AGED PINEBARK/SHARP SAND MIX, 2' ABOVE GRADE AND TREAT WITH "SUBDUE".
M.C.	6	MYRICA CERIFERA	SO. WAX MYRTLE		24"-30" HT.	B&B.	HEAVY GRADE, FULL PLANTS.
R.C.	16	RHODODENDRON CANESCENS	PIEDMONT AZALEA		15"-18" HT. - SPR.	2 GAL.	FULL PLANTS, PLANT IN AGED PINEBARK/SHARP SAND MIX 2" ABOVE GRADE AND TREAT WITH "SUBDUE".
R.R.	3	ROSA RUGOSA "SIR THOMAS LIPTON"	WHITE FLOWERING RUGOSA ROSE		15"-18" HT.	B.R.	FALL PLANTING ONLY.
T.V.	3	TANACETUM VULGARIS	COMMON TANSY		15"-18" HT.	2 GAL.	FULL PLANTS. 24" OC.
V.T.	3	VIBURNUM TINUS	LAURUSTINUS VIBURNUM		30"-36"	5 GAL.	FULL PLANTS.
Y.R.	4	YUCCA RECURVIFOLIA	PENDULOUS YUCCA		24"-30"	3 GAL.	FULL PLANTS.
		GROUNDCOVERS AND VINES					
C.R.	2	CAMPSIS RADICANS x "MADAM GALEN"	TRUMPET VINE	DTL. A-L10-12" PREPARED SOIL BED	2'-3' STAKED	2 GAL.	TRAIN ON FENCE AS SHOWN ON PLAN.
C.S.	2	CELASTRUS SCANDENS	AMERICAN BITTERSWEET VINE		2'-3' STAKED	2 GAL.	TRAIN ON FENCE AS SHOWN ON PLAN.
G.P.	6	GAULTHERIA PROCUMBENS	WINTERGREEN		8"-10" HT. & SPR.	1 GAL.	FULL PLANTS.
H.H.B.	736	HEDERA HELIX "BALTICA"	BALTIC IVY		4"-6"	2¼" POT	6" OC.
L.M.	1404	LIRIOPE MUSCARI	LILIOPE -		4" HT. 2-3 BIBS	2¼" POT	8" OC.
V.M.	202	VINCA MAJOR	LARGE PERIWINKLE		4" TRAILERS	2¼" POT	6" OC.
V.M.B.	456	VINCA MINOR x "BOWLES"	BOWLES STANDARD PERIWINKLE		4" TRAILERS	2¼" POT	8" OC.
		HERBS, PERENNIALS AND VEGETABLES					
A.F.	48	ASTER AMELLUS x "FRAMFIELDII"	FALL BLOOMING LILAC-BLUE ASTER		6" HT.	1 QT.	NOTE: ALL PLANTS LISTED BELOW ARE TO BE FULL PLANTS!
A.M.	12	ACHILLEA MILLIFOLIUM 'WHITE BEAUTY"	WHITE ACHILLEA OR MILFOIL		6" HT.	1 QT.	10" OC.
A.R.	6	ARMORACIA RUSTICANA	HORSERADISH		6"-8" HT.	B.R.	FALL PLANTING.
A.M.	6	ACANTUS MOLLIS	BEARS BREECH		6"-8" HT.	2 QT.	16"-18" OC. RICH ORGANIC SOIL MIX.
A.S.	100	ALLIUM SCHOENOPRASUM	CHIVES		4"-6" HT.	4" POT	
A.R.	10	ALTHEA ROSEA "ALBA"	COMMON WHITE HOLLYHOCKS		12" HT.	1 QT.	RICH ORGANIC SOIL MIX.
D.P.	400	DIANTHUS PLUMARIS	COMMON PINKS		4" HT.	4" POT	PLANT IN SANDY SOIL MIX - (SHARP JAMES RIVER SAND). ADD BONEMEAL.
D.P.i.	24	DIGITALIS PURPUREA	COMMON DIGITALIS - PURPLE		6"-8" HT.	QT.	14"-16" OC.
G.V.	6	GALIUM VERUM	LADY'S BEDSTRAW		6" HT.	QT.	
H.O.	14	HYSSOPIS OFFICINALIS	HYSSOP		8" HT.	QT	18" OC.
H.S.	403	HEMEROCALLIS SP. " ORANGE"	COMMON ORANGE DAYLILY.		6" HT. 2-3 BIBS.	B.R.	14" OC. 'CLASSIC GROUND COVER'
I.S.	70	IRIS SIBERICA "TEALWOOD"	30" MATURE HT. PURPLE IRIS		8" HT.	B.R.	14" OC.
I.SE.	272	IBERIS SEMPERVIRENS	CANDYTUFT		6" HT. & SPR.	4" POT	8"-10" OC.
M.O.	20	MELISSA OFFICINALIS	LEMON BALM		6"-8" HT.	4" POT	18" OC.
P.N.	16	PETROSELINUM CRISPUM 'NEOPOLITANUM'	PARSLEY - ITALIAN PLAIN		4"-6" HT.	4" POT	10" OC. ‡
P.P.	26	PHLOX PANICULATA "MT. FUGIYAMA"	WHITE TALL SUMMER PHLOX		6'-8' HT.	QT.	14" OC.
R.G.	48	RUTA GRAVEOLENS	COMMON RUE		4'-6' HT.	4" POT	12" OC.
R.O.A	30	ROSEMARINUS OFFICINALIS 'ANGUSTIFOLIA'	ROSEMARY.		10'-12" HT. AND SPR.	1 GAL.	PLANT IN SANDY LOAM SOIL MIX. (SHARP JAMES RIVER SAND).
R.R.H.	8	RHEUM RHABARBARUM x "VICTORIA"	RHUBARB "VICTORIA"		10'-12"	B.R.	FALL PLANTING. 24" OC. MIN.
S.M.	10	SATUREJA MONTANA	WINTER SAVORY		10'-12" HT.	1 GAL.	18" OC.
L.A.	40	LAVANDULA ANGUSTIFOLIA "HIDCOTE"	LAVANDER "HIDCOTE"		10' HT. AND SPR.	6" POT	12'-14" OC. PLANT IN SANDY LOAM SOIL MIX. (SHARP JAMES RIVER SAND).
T.G.	88	TEUCRIUM CHAMAEDRYS	GERMANDER		10'-12" HT.	1 GAL.	14'-16" OC.
T.S.	50	THYMUS SERPHYLLUM	CREEPING THYME.		2"-4" HT. - SPR.	6" POT	6"-8" OC. PLANT IN SANDY LOAM SOIL MIX. (SHARP JAMES RIVER SAND).
T.V.I.	6	TRADESCANTIA VIRGINIANA, 'JAMES C. WEGUELIN"	SPIDERWORT "PURPLE BLUE"		8" HT.	1 QT.	10"-12" OC.
		BULBS					
D.H.	400	DAFFODIL x "PASSIONALE"	WHITE WITH PEACH THROAT DAFFODIL		TOP SIZE BULBS		6" OC. AND 3½ TIMES BULB DEPTH - PLANT IN OCTOBER.

* STAKED TREE HT. SYMBOL.

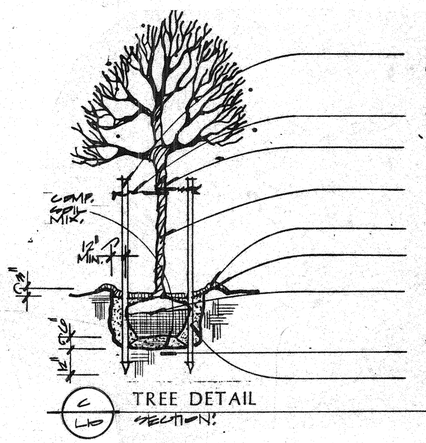


NOTE: PREPARE BED AT PERENNIALS AND GROUND COVERS.

A / L10 GROUND COVER DETAIL SECTION. SCALE: N.T.S.



B / L10 SHRUB DETAIL SECTION. SCALE: N.T.S.



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Site Improvements for Historic Willoughby-Baylor
Freemason and Cumberland Streets
Norfolk, VA
Plant List and Details

SCALE: AS SHOWN
DRAWN BY: C.A.S.
PROJECT NO.:
DATE: 5-18-00
REVISED:

DRAWING L10
SHT. 10 OF 10

Freemason Street

Cumberland Street

Willoughby - Baylor House

Well

Kitchen

Arbor

EX. BRICK TO REMAIN.

EX. BRICK AND IRON FENCE.

N.I.C.

REMOVE LIGHT FIXTURE.

REMOVE GATE.

SALVAGE GATE HARDWARE

REMOVE LIGHT FIXTURE

REMOVE 4' WOOD FENCE.

REPAINT BENCH.

REMOVE GATES.

REMOVE PEAR

REMOVE LIGHT FIXTURE.

REMOVE SHRUB, WISTERIA.

REMOVE BRICK CURB AND EDGING, REMOVE PINE

REMOVE BRICK CURB.

REMOVE MISC. ROTTEN WOOD DETAIL.

REMOVE WOOD FENCE.

REMOVE SHRUBS.

REMOVE

RELOCATE N.I.C. SHRUBS.

PLANTS TO BE REMOVED TYP. SYMBOL.

TREES TO REMAIN TYP. SYMBOL.

BOXWOOD

BOXWOOD & ROSES

YAUPON HOLLY

HOLLY

WISTERIA

BRADFORD PEAR

LIVE OAK

WAX MYRTLE

WAX MYRTLE - TO REMAIN

PINE

DOGWOOD

OAK

CHERRY

VIBURNUM.

AZALEA

QUINCE.

HAWTHORN

HEDGE

TO REMAIN

GATE HARDWARE

EX. TRUNK OF MULTI-STEM TREE TO REMAIN.

EX. BRICK TO REMAIN.

NEW OR FORMERLY OWNED BY H.H.C. INVESTORS INC.

PARCEL 40-A1-A
PROPERTY OWNED BY NORFOLK REDEVELOPMENT AND HOUSING AUTHORITY

PARCEL 40
NOW OR FORMERLY OWNED BY MELVIN FREIDMAN ET AL TRUST C/O ROBERT HASKIN

Notes:

DEMOLITION NOTES ⬡ - TYP. SYMBOL

1. Remove wood gate and posts. Rebuild as per detail.
2. Remove Light fixture and terminate fixture or connect to new 12 volt transformer. See lighting plan.
3. Remove picket fence, concrete posts footings and posts. Well and support posts to remain. Rebuild fence as per detail.
4. Remove brick curb and foundation if found. Regrade ,area flat. Soil preparation by landscape contractor. Topsoil by general contractor.
5. Remove selected rotten wood members related to arbor. See detail for extent of demolition and rebuilding.
6. Remove wood privacy fence, concrete post footings and posts. Rebuild fence as per detail.
7. Remove barberry hedge. Backfill excavation to a height to allow for settlement. Topsoil by general contractor.
8. Remove brick curb. See item # 4.
9. Remove tree and root mass. Excavate root ball. Fill hole with topsoil and regrade. Topsoil by General Contractor.
10. Remove shrub and root ball. Fill hole with topsoil and regrade. Topsoil by General Contractor.
11. Cut down trees and trunk of multi-stem trees as indicated. Stumps shall be ground to 4 inches below grade with a stump grinder.

RELOCATION NOTES - THIS WORK NOT IN CONTRACT. □ - TYP. SYM.

1R. Relocate existing boxwoods. Work to be completed by landscape contractor. See planting plan for new location. N. I. C.
2R. Relocate existing dwarf boxwoods. Work to be completed by landscape contractor. See planting plan for new location. N. I. C.

SALVAGE NOTES ○ - TYP. SYMBOL.

1S. Existing holly trees to be removed with tree spade and shall be the property of the contractor. Backfill hole with topsoil and regrade. Trees can be demolished at the option of contractor. See Demolition Note #9.
2S. Gate hinges, to be removed, cleaned, painted and reinstalled.
3S. Bench to be scraped, sanded and repainted with 2 coats of white satin finish enamel paint. This work is not covered in the paint schedule.
4S. Existing boxwoods to remain.
5S. Existing brass plaque to be removed and remounted.

NOTE: ALL PLANT MOVING,REMOVAL AND TRIMMING TO COMPLY WITH THE CITY OF NORFOLK, ORDINANCE 35,803 DATED FEBRUARY 22, 1989 -ARBORICULTURE SPECIFICATIONS AND STANDARDS OF PRACTICE MANUAL. EXISTING PLANTS TO REMAIN SHALL BE PROTECTED AS PER THIS MANUAL.

NRHA Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING · SITE DESIGN · LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 140 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Demolition Plan

SCALE: 1/8"=1'-0"
DRAWN BY: CDA,
PROJECT NO.:
DATE: 5-24-90
REVISED:

DRAWING L1
SHT. 2 OF 9

Freemason Street

Cumberland Street

Willoughby - Baylor House

Parking Court

Garden

Arbor

Future Patio

Kitchen

Well

EXIST. BRICK PARKING COURT

NEW SIGN TYP. OF 2

LATCH DETAIL

BRICK GUTTER

STOOP

SLATE

NEW BRICK GUTTER

RESET BRICK IN SMOOTH GRADE

EXIST. BRICK

FRUIT RAIL, TYP. OF FOUR

GRAVEL WALK

EXIST. PLANTS TO REMAIN, TYPICAL SYMBOL, SEE DEMOLITION PLAN SHT. L-1

EXISTING VAULT

BRICK PAVING

FIELD ADJUST.

FRUIT RAIL TYP OF 4

STEPS SECTION

ELEV. @ ARBOR

BENCH #1

ANCHOR

ARBOR ELEVATION

FUTURE BRICK PATIO N.I.C.

EXIST. BRICK GUTTER

RAIN GUTTER

DETAIL @ GATE ONLY

GATE ELEV.

TYP. GATE

FENCE

GATE ONLY

EXIST. BRICK PAVING

ELEVATION OF TYPE 'A' 5' HT. PLANK FENCE.

4' FENCE

5' FENCE

8' oc. MAX.

SERVICE GATE ELEV.

GRAVEL PAVING

120.40' N. 75° 17' 23" W.

40'-7" EX.

GENERAL NOTES

1. PROVIDE TEMPORARY ANNUAL 'RYE' GRASS IN AREAS DISTURBED BY DEMOLITION.
2. DO NOT COMPACT, DRIVE, PARK EQUIPMENT, DUMP CHEMICALS, OR STORE SUPPLIES OR EQUIPMENT WITHIN THE DRIP LINE OF EXISTING TREES TO REMAIN. STAY 3' MIN. OUTSIDE OF DRIPLINES OF ALL TREES.
3. ALL NEW BRICK PAVING SHALL BE RUNNING BOND PATTERN UNLESS NOTED.
4. TOPSOIL FILL SHALL BE FRIABLE TOPSOIL WITH HIGH ORGANIC CONTENT. SAMPLE SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. TOPSOIL AS PROVIDED BY 'JACK M. POWELL OR EQUAL'.
5. NO METAL EDGING REQUIRED AT EXISTING BRICK PAVING.
6. SEE HARDWARE SCHEDULE, SHT. L-6 FOR GATE LOCATIONS.

WILLOUGHBY-BAYLOR SITE PLAN NOTES ⬡ TYP. SYMBOL,

1. Change in fence types.
2. Metal edging typical at this location.
3. 8 inch wide brick banding.
4. Splice brick into pattern as shown.
5. Raise horizontal rail and adjust overall height of pickets at raised brick patio located at well.
6. Cut-off bottom of picket approximately 2 to 3 inches to allow for removal of water meter lid.
7. Cobble steps. See detail.
8. Picket fence. See detail C-L7 and M-L7.
9. 3'-10" High plank fence. Type "B" typical.
10. 5'-0" High plank fence. Type "A" typical.
11. Field verify fence conflicts with existing trees. Notify Landscape Architect of conflicts.
12. Repoint existing brick columns where iron fence intersects brick column and other locations of loose mortar. Match ex. mortar color. Rake back existing mortar to 3/4" to 1" clean joints and tuck point with type 'M' mortar. Match existing joint tooling.
13. Repaint existing iron fencing. See specs.
14. Existing well to remain. Repairs not in contract.
15. Irrigation sleeves to be provided by general contractor.
16. Verify property location prior to construction of fencing.
17. Backless teak bench. As manufactured by Smith and Hawken, Mill Valley, CA, 1-415-383-2000. 5' length - Model No. 5806 or 5' length Warwick Model No. 5132 by Lister Teak, 1-404-231-4808.

LEGEND

113.12 — EXISTING GRADE

113.45 — PROPOSED SPOT GRADE

(MG) — MEET EXISTING GRADE

(A) — GATE TYPE,

NOTE: PROVIDE 2% CROSS SLOPE ON ALL NEW WALKS TO PROVIDE DRAINAGE.

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2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

NRHA

Site Improvements for: Historic Willoughby-Baylor House

Freemason and Cumberland Streets
Norfolk, VA

Layout and Dimension Plan

SCALE: 1/8"=1'-0"
DRAWN BY: JW/CDA
PROJECT NO.:
DATE: 5.24.00
REVISED:

DRAWING L2
SHT. 3 OF 9

Freemason Street

Cumberland Street

Willoughby - Baylor House

Well

Kitchen

Arbor

ALTERNATE LOCATION.

TREE LIGHTS (B) LC1

TREE LIGHTS TYP.

TRANSFORMER

EX. 20 AMP SERVICE

T1

T2

T3

T-C

V-C

P-C

Light Symbol	Model and Manufacturer

1. Mini-Well- Model # IL136-H by "Hadco", Littlestown, PA, 1-717-359-7131 1-800-635-1068.
Mount flush with grade and provide epoxy splice at cable connection.

2. Mini-Well with guard- Model # IL136G-H by "Hadco".
Mount flush with grade and provide epoxy splice at cable connection.

3. MR-16 Spot- Model # BL1-A-L by "Hadco".
Mount 4 inches above grade on 2'-6" L. metal conduit stub. Secure conduit stub in one cubic foot of concrete minimum.

4. Stylist Down Lighter- Model # AW-0603 by "Nightscaping", Redlands, CA, 1-714-794-2121, 1-800-635-1068.
Provide with optional "Honeycomb" interior grille as supplied by the manufacturer. Mount fixture on arbor with Galvanized Bolts. Bolts shall be tamper resistant type to prevent removal by vandals. Countersink washer and nuts and cut bolt end flush with the face of the arbor. Route or drill a void behind the light base plate to allow the insertion of the cable splice to the fixture. Provide waterproof connection at this location. All direct burial 12 volt cable to be run on top or on the rear of the arbor members at a location which is out of view.

5. Tree Downliter- Model # TD-0508 by "Nightscaping".
Mount in tree with screw eye. Run cable to back of light and provide watertight connection. Secure 12 inches of wire and connector to rear of light with nylon strap connector. Tree cable to be ran on top of limbs and secured with nylon cable clamps as per specifications.

6. Par-36 Spot- Model # WL2-H by "Hadco".
Mount 4 inches above grade on 2'-6" L. metal conduit stub. Secure conduit stub in one cubic foot of concrete minimum.

7. Par-36 Spot- Model # WL2-H by "Hadco" with glare guard WS2-H.
Mount 4 inches above grade on 2'-6" metal conduit stub. Secure conduit stub in one cubic foot of concrete minimum.

NOTE: SEE SHEET LC-1 FOR 12 VOLT LIGHT INSTALLATION NOTES.

LEGEND

- 3 — Light type.
- A — Bulb type.
- 12-2 — Wire size for 12 volt direct burial stranded cable.
- 1A — Run to transformer. Split circuit when design load of transformer is split.
- Light location. Field location verified by landscape architect.
- Bulb aim direction.
- V-C — Vertical conduit location.
- T-C — Location of 12 volt stranded tree cable when run on tree trunk.
- C — Existing or proposed tree.
- P-C — Proposed Photo Cell locations. Field location verified by landscape architect. Provide one photo cell only. Photo Cell shall control primary voltage supplied to transformers.
- T — 600 VA -12 VOLT TRANSFORMER.

BULB SCHEDULE. -

SYM.	BULB TYP.-#	WATTAGE
A	4414	15 - PAR 36
B	50VWFL	50 - PAR 36
C	20MR-BAB	20 - MR 16
D	36 PAR 36 "CAPWFL"	36 - PAR 36

NOTES:
1. PROVIDE BULBS AS SHOWN WITH FIXTURES TYP.
2. REMOVE (3) EX. FLOOD FIXTURES AS PER DEMOLITION PLAN. TIE NEW TRANSFORMERS TO EXIST. 'UG' CABLE
3. VERIFY LOCATION OF EX. 'UG' SERVICE TO FLOOD LAMPS. LOCATE PHOTO CELL BETWEEN PANEL AND FIRST TRANSFORMER. SEE A-LC1

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MASTER PLANNING . SITE DESIGN . LANDSCAPE ARCHITECTURE
2401 North Eurasia Road, Suite 110 • Virginia Beach, Virginia 23452 • (804) 441-0597 FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Lighting Plan

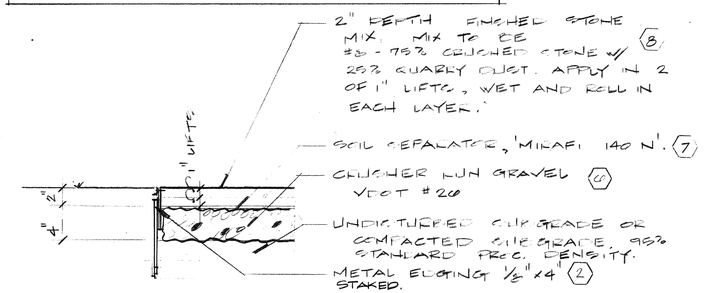
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DRAWN BY: CDA
PROJECT NO.:
DATE: 5.24.90
REVISED:

DRAWING L3
SHT. 4 OF 9

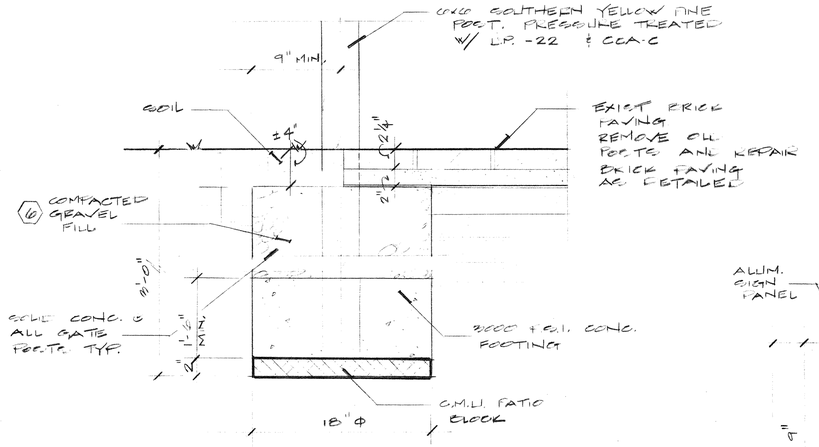
Notes — ⬡ TYP. SYMBOL.

Willoughby-Baylor Site Notes:

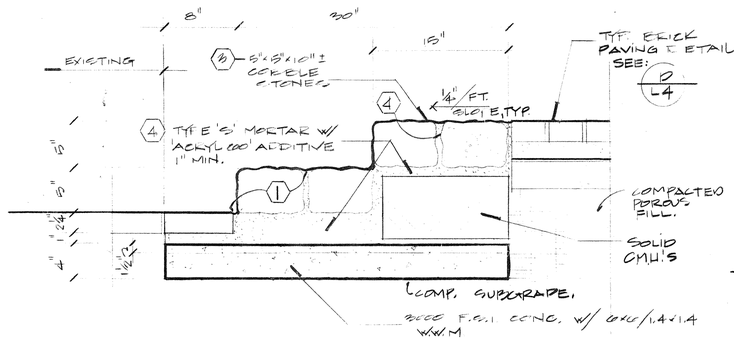
1. 3/8 inch maximum joint width with grape vine tool joint.
2. "Ryerson" steel edging painted flat black with stakes as supplied by manufacturer. Corner splices to have minimum of 3 inches of overlap.
3. Granite cobble stones as provided by museum. Clean prior to setting.
4. Type "S" mortar with latex based additive. "Acryl 60" by Thoro-products or approved equal.
5. Hand molded Brick Pavers as manufactured by "Old Virginia" Color to be "Old Virginia # 24".
6. Compacted Crusher Run - VDOT # 26 Sec 206.
7. Soil separator - "Mirafi" or "Duon" 2.5 ounce U.V. stabilized non-woven soil separator - available through Saunders Oil Company 622-7249 or equal.
8. Surface gravel to be a mixture of 75% Gray #8 crushed granite mixed with 25% Quarry dust (Stone screenings VDOT Section 203). Install 1 inch lifts, wet each lift and then roll for compaction of material. Submit color sample for approval TO OWNER.
9. Compacted Quarry dust (Stone screenings VDOT # 203).
10. Undisturbed subgrade or compacted subgrade. 95% stand. proc. density.



1 / L4 TYP. GRAVEL WALK
1½" = 1'-0"



E / L4 TYP. POST BASE DETAIL
1½" = 1'-0"

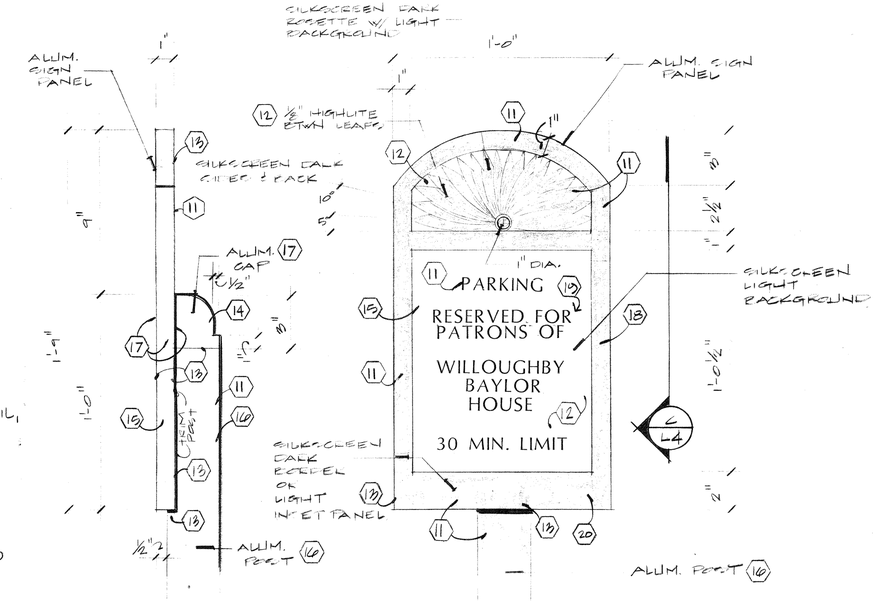


E / L4 COBBLE STEP DETAIL
1½" = 1'-0"

LETTER STYLE FOR SIGN - DETAIL B-L4.

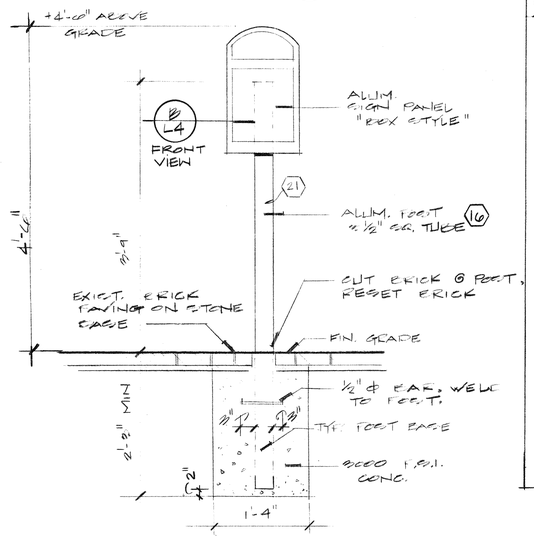
(17) 723 ITALIAN OLD STYLE ULTRA BOLD
Fonts Pro.opentype

ABCDEFGHIJKLMNOPQRSTUVWXYZÆŒÇØ
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C / L4 SIDE VIEW
3" = 1'-0"

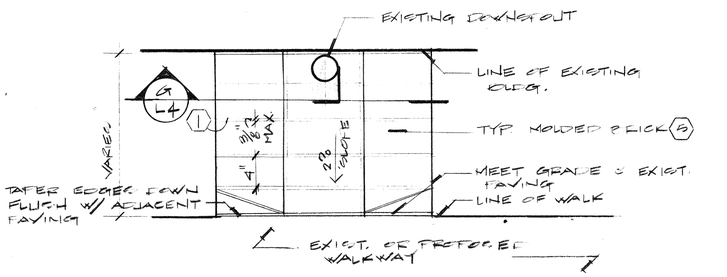
B / L4 FRONT VIEW
3" = 1'-0"



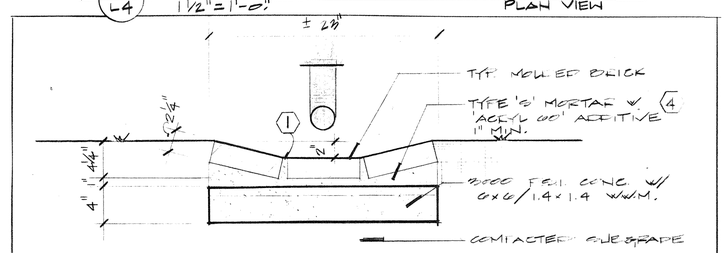
A / L4 TYP. PARKING SIGN
1" = 1'-0"

Sign Notes — ⬡ TYP. SYMBOL.

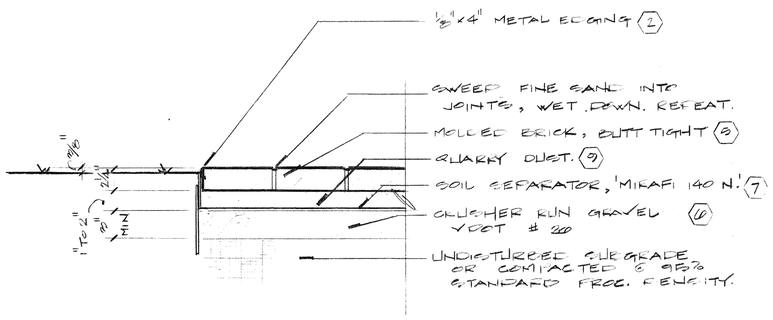
11. LEXINGTON GREEN OR BRICK RED TO MATCH RESIDENCE. COLORS SELECTED AND APPROVED BY OWNER. GLOSS OR MATTE FINISH AS SELECTED BY THE OWNER.
12. BUFF COLOR TO MATCH RESIDENCE. COLORS SELECTED AND APPROVED BY OWNER. SILK SCREEN COLOR AS SHOWN ON DRAWING.
13. WELD AND GRIND WELD SMOOTH. BEVEL AND ROUND ALL CORNERS.
14. 1/8 INCH SHEET STOCK ALUMINUM CUT TO SHAPE AS SHOWN.
15. BOX STYLE SIGN PANEL WITH INTERIOR BRACING OR SOLID ALUMINUM SIGN PANEL AT THE DISCRETION OF THE CONTRACTOR AND SUBJECT TO APPROVAL BY THE OWNER.
16. 3 1/2 OR 4 INCH SQUARE ALUMINUM POST. MINIMUM WALL THICKNESS TO BE .125 INCHES THICK. PROVIDE WITH NON SHARP EDGES. ALLOY 6063-T52 OR APPROVED EQUAL.
17. BEND SHEET STOCK TO FORM CLOSED TOP ON POST. WELD TO SIDE PIECES TYPICAL. PROVIDE CLOSED TOP, SIDES AND REAR OF SIGN AS SHOWN.
18. PROVIDE SHOP DRAWING FOR APPROVAL PRIOR TO FABRICATION OF SIGN.
19. GRAPHIC FONT STYLE TO BE 'ITALIAN OLD STYLE ULTRA BOLD' OR APPROVED EQUAL.
20. PAINT SHALL BE 2 COATS OF "ACRYLIC POLYURETHANE" AS MANUFACTURED BY "MATHEWS PAINT COMPANY" OR "DUPONT" "CENTARI" EQUAL OR "CHROMATIC PAINT CORPORATION" EQUAL.
21. SIGN AS MANUFACTURED BY HART ARCHITECTURAL SIGNAGE, CHESAPEAKE, VA.



H / L4 TYP BRICK RAIN GUTTER.
1½"=1'-0" PLAN VIEW



G / L4 TYP BRICK RAIN GUTTER
1½" = 1'-0" SECTION-ELEVATION



D / L4 BRICK PAVING DETAIL
1½" = 1'-0"

NRHA Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

Site Details

SCALE: AS SHOWN
DRAWN BY: CDA, JW
PROJECT NO.:
DATE: 9-24-90,
REVISED:

DRAWING L4
SHT. 5 OF 9

NOTES:

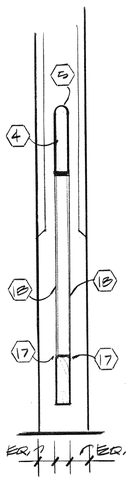
⬡ - TYP. SYMBOL.

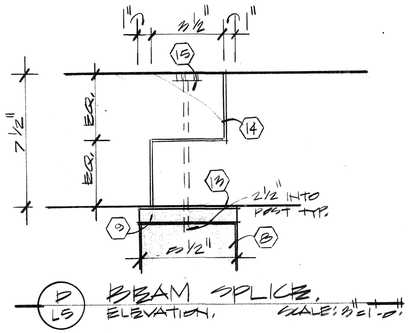
Willoughby-Baylor Arbor

1. Provide 2 backless teak benches. Provide anchors as detailed.
2. 2 x 4 W.R.C. P4S (see Sheet L2) Trimmed to width as shown.
3. 2 x 6 W.R.C. - P4S
4. 2 x 8 W.R.C. - P4S
5. 1/2 Round route on top of rail.
6. Provide Exterior Grade solid opaque white stain.
7. Route 45 degree bevel on all four sides of existing posts typical.
8. Existing arbor wood to remain 'typical.' Pill nail holes and patch with exterior grade wood filler as required.
9. Patch post tops as required. Fill nail holes and patch with exterior grade wood filler as required.
10. 3 x 8 W.R.C.
11. 2 X 8 W.R.C.
12. Coat existing post bases with one coat "Copper T-50" as available through Norfolk Paints.
13. Fill nail holes and patch with exterior grade wood filler as required.
14. Splice joint as shown. Caulk joint to provide watertight joint.
15. 1/4 inch diameter minimum galvanized lag bolt at joint splice typical. Countersink bolt head and washer typical.
16. Cut shape as shown and lightly sand.
17. Provide 45 degree bevel on top sides of horizontal grille rails typical.
18. Provide 45 degree bevel on all sides or vertical grille rails typical.
19. Alter existing brace as required to allow for new arbor connection.
20. Remove top arbor members as indicated. Posts and angle bracing to remain.
21. Remove horizontal arbor members as indicated. Posts and angle bracing to remain.

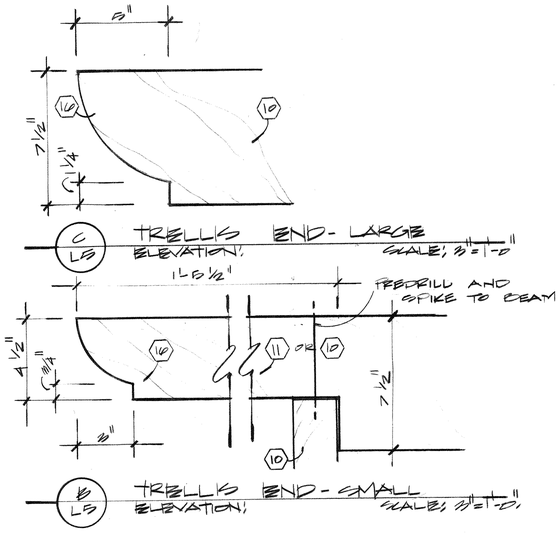
NOTE: W.R.C. - P4S = Western red cedar finished four sides. See specs.

NOTE: CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF EXISTING ARBOR.





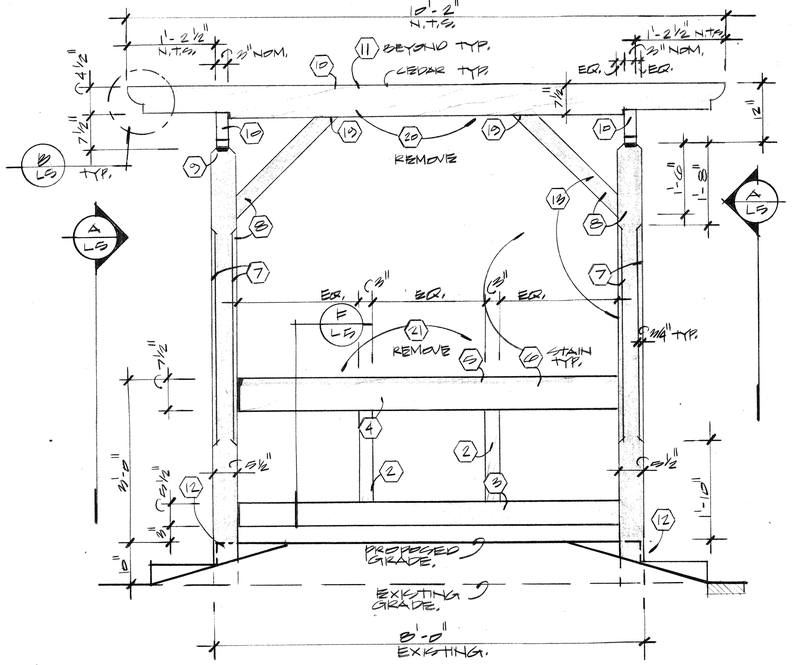
D LS BEAM SPLICE, ELEVATION, SCALE: 3"=1'-0"



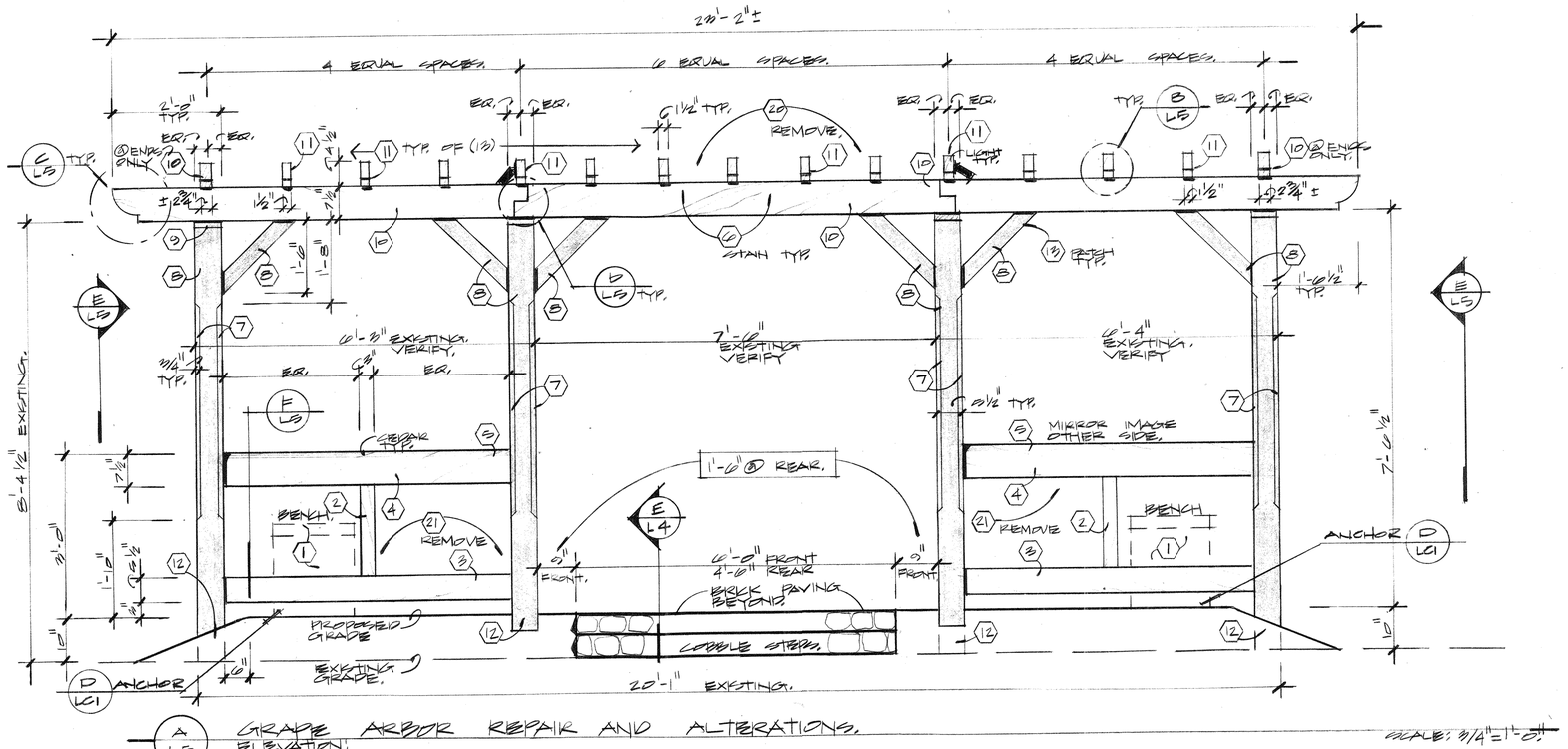
C LS TRELLIS END - LARGE ELEVATION, SCALE: 3"=1'-0"

B LS TRELLIS END - SMALL ELEVATION, SCALE: 3"=1'-0"

E LS ARBOR RAILS, SECTION, SCALE: 3"=1'-0"



E LS SIDE VIEW - ARBOR ELEVATION, SCALE: 3/4"=1'-0"



A LS GRAPPE ARBOR REPAIR AND ALTERATIONS, ELEVATION, SCALE: 3/4"=1'-0"

NRHA Norfolk Redevelopment and Housing Authority

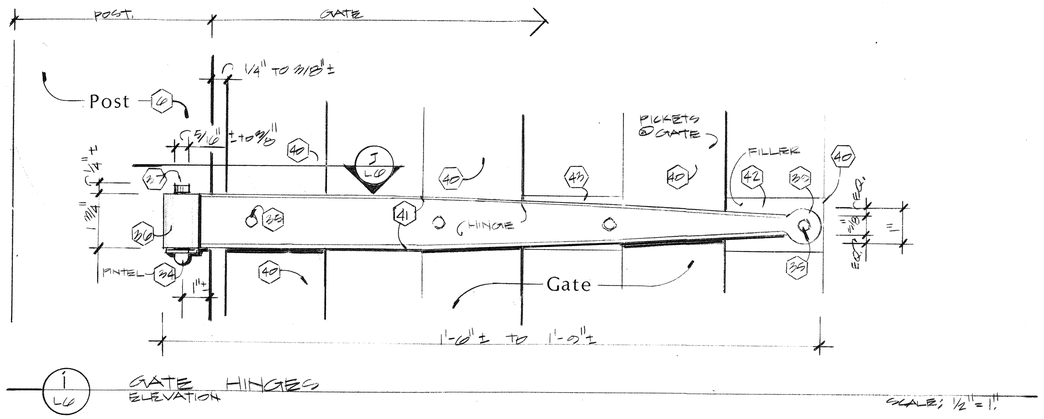
SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

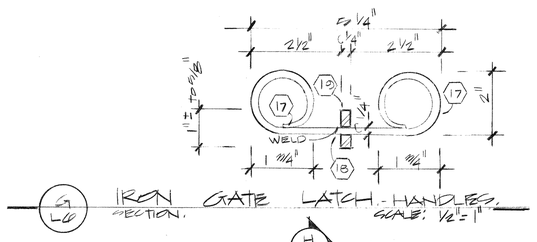
Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

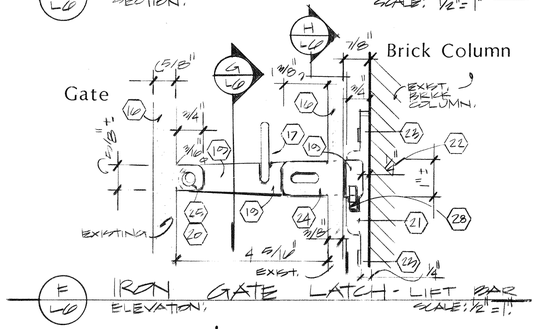
Arbor Detail

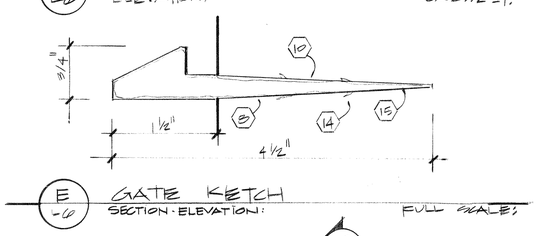
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DATE: 9-24-90
REVISED:

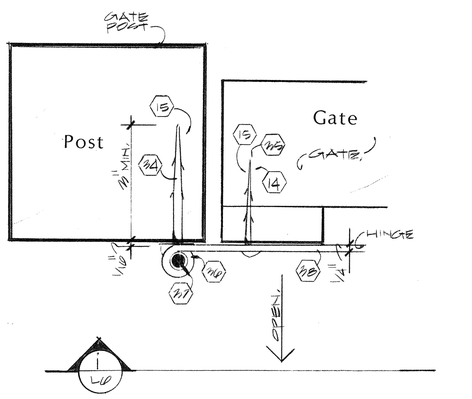
DRAWING L5
SHT. 6 OF 9

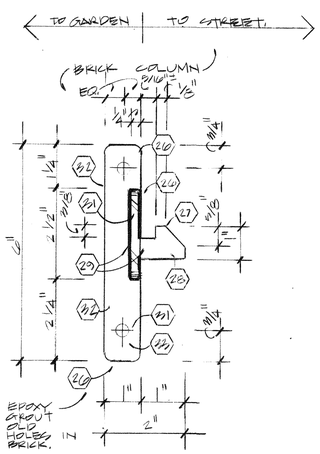


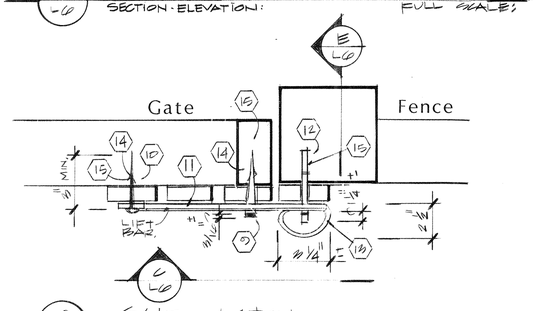


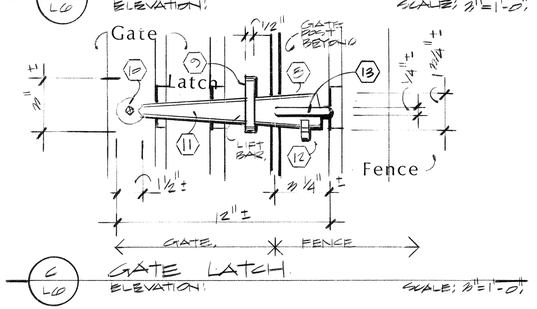


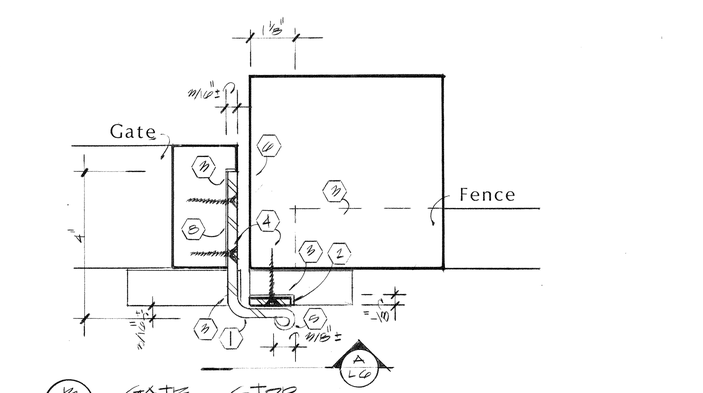


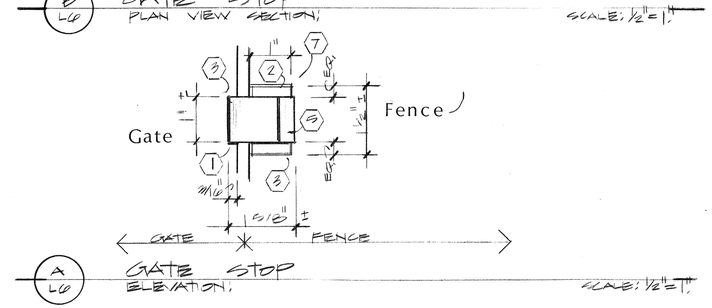












Hardware Schedule

GATE LOCATION		LATCH	HEIGHT	STOP	HEIGHT	CNT.	HINGES	HEIGHT	CLOSURE	FENCE TYPE
FREEMASON	A	F - L6	MATCH EXIST.	N/A	—	—	N/A	N/A MATCH EXIST.	N/A.	EX. IRON.
GARDEN	B	N/A	—	B - L6	3'-8" & 3'-2 1/2"	2	J - L6	3'-8" & 3'-2 1/2"	CANNON BALL, SEE DETAIL L-L7	WOOD PICKET
GARDEN	C	N/A	—	B - L6	3'-8" & 3'-2 1/2"	2	J - L6	3'-8" & 3'-2 1/2"		WOOD PICKET.
STORAGE	D	N/A	—	B - L6	3'-2 1/2"	1	REUSE (D)	3'-8" & 3'-2 1/2"		WOOD PLANK
STORAGE	E	N/A	—	B - L6	3'-2 1/2"	1	REUSE (E)	3'-8" & 3'-2 1/2"		WOOD PLANK
CUMBERLAND	F	D - L6	3'-2 1/2"	B - L6	2'-10"	1	J - L6	3'-8" & 3'-2 1/2"		WOOD PICKET
CUMBERLAND	G	D - L6	3'-2 1/2"	B - L6	2'-10"	1	REUSE (F)	3'-8" & 3'-2 1/2"		WOOD PICKET.

NOTE: CLEAN AND RELOCATE EXIST. HINGES TO LOCATION AS SHOWN.

Notes

Willoughby-Baylor Hardware Notes:

1. Gate stop from 1/4 inch T. forged iron. Bend as shown.
2. 1/8" T. x 1" x 1 1/2" iron bumper plate with 2 countersunk holes as shown.
3. Chisel wood and recess plate or horizontal rail flush with wood member as shown.
4. Galvanized tamper resistant screws - 1 1/2" L. Min.
5. Provide fish tail forging on end as shown.
6. 6 x 6 Gate post as shown.
7. Mounting height as per Hardware schedule. Provide one coat of primer and two finish coats of paint to all gate hardware. Color to match fence.
8. 1/4 inch T. forged iron stock typical.
9. Forged staple from 1/4 inch T. iron stock.
10. 1/4 inch diameter forged iron spike. Pre-drill holes typical.
11. Forged iron lift bar with beveled corners.
12. Forged gate ketch.
13. Forged pig-tail handle. 1/4 to 3/16 inch diameter.
14. Provide forged lugs on all spikes to prevent removal of spike.
15. Pre-drill holes for all spike mountings to prevent splitting of wood.
16. Existing iron gate.
17. Forged pig-tail handle. 1/4 to 3/16 inch diameter.
18. Drill bar stock and weld.
19. Forged lift bar from 1/4 inch T. iron stock.
20. Remove existing ornamental lift bar.
21. Forged gate ketch. See detail.
22. Patch damaged brick with epoxy grout as required.
23. 1/4" Diameter x 3" L. minimum Galvanized masonry bolt and shield.
24. Existing lock clasp hole.
25. 3/16 inch diameter rivet or tamper resistant bolt.
26. 1/4 inch radius at all corners.
27. Bevel edges of forged ketch typical.
28. Forged gate ketch as shown.
29. Forge or weld shape as shown.
30. Drill hole for 1/4 inch diameter bolt typical.
31. 1/4 inch T. forged iron stock.
32. Bevel edge typical.
33. Field adjust sizes as shown for actual conditions.
34. Forged iron Gate pintel and spike as shown.
35. 2 1/2 inch L. Spike or equal lag bolt.
36. Forged hinge socket as shown. Provide total bonding of metal at joint.
37. 3/8 + or - inch diameter hinge pivot rod.
38. Hinge forged from 1/4 inch T. iron stock.
39. 3/16 inch T. decorative medallion on hinge plate.
40. Fence picket typical.
41. Bevel hinge edge typical.
42. Wood blocking at this location typical.
43. 2 x 4 Horizontal rail beyond.

NOTE: All hardware shown shall be heat wrought hand forged gate hardware.

NRHA Norfolk Redevelopment and Housing Authority

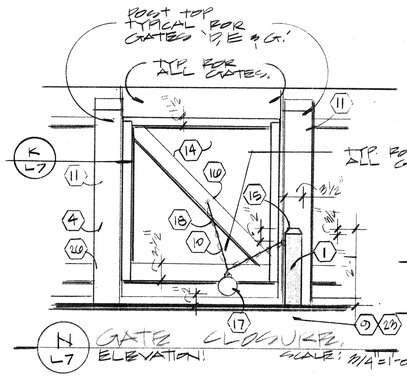
SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

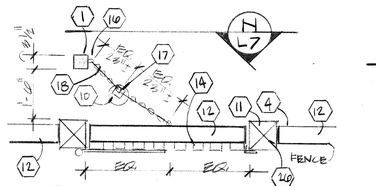
Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

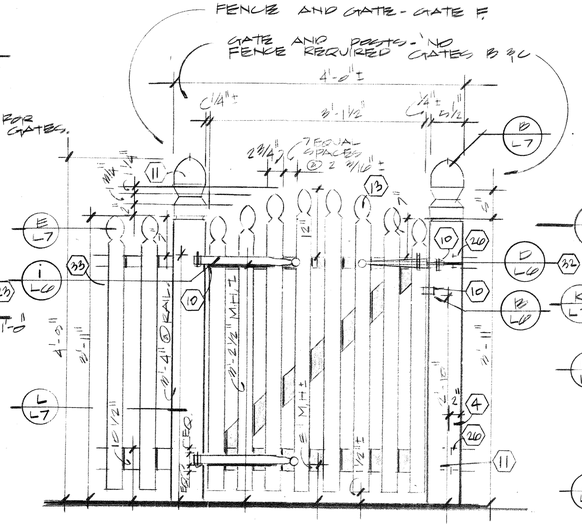
Gate Hardware

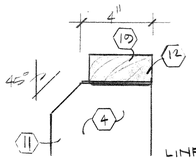
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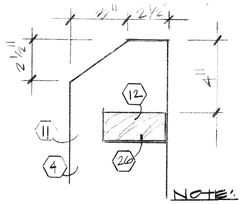
DRAWING L6
SHT. 7 OF 9

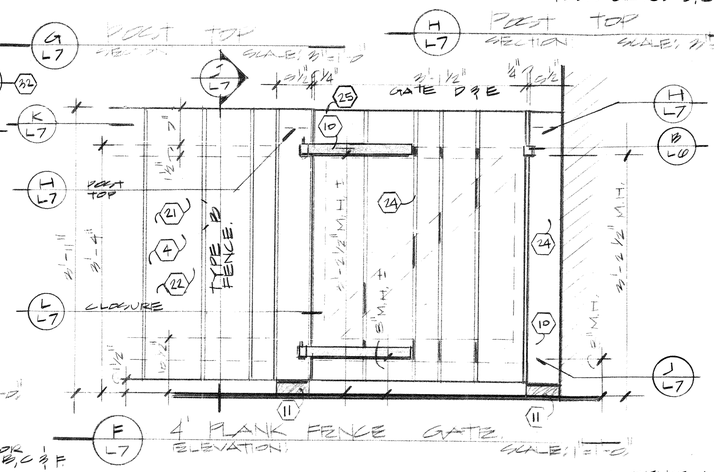










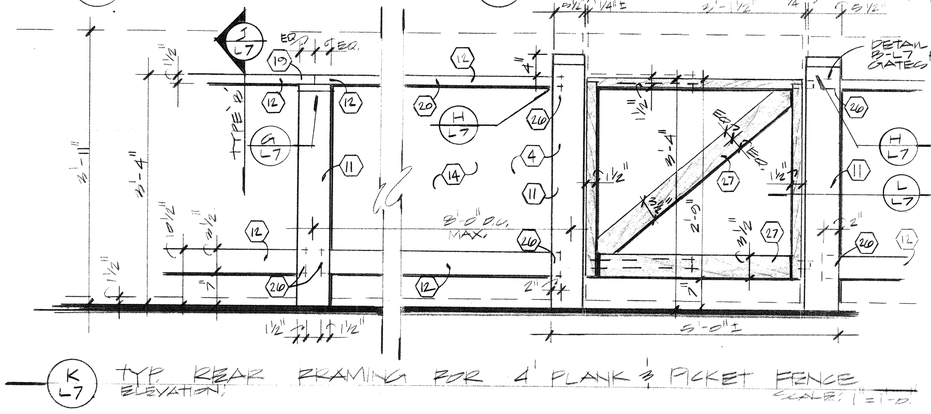


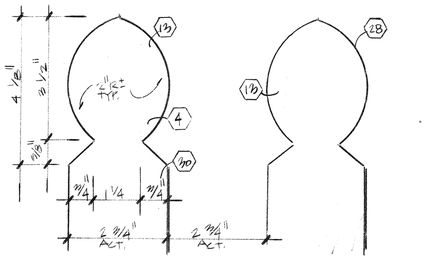
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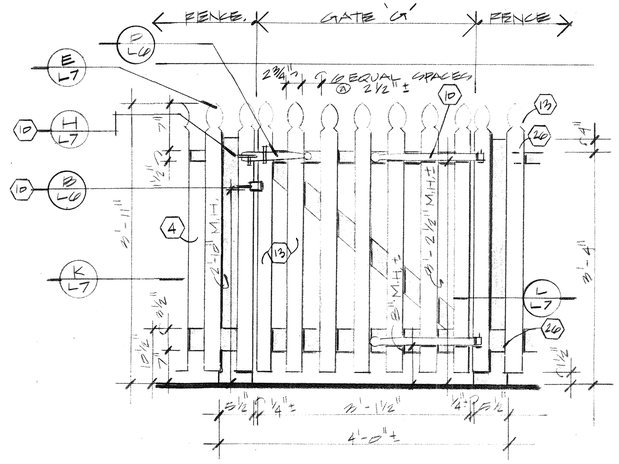
1. P.T. - S.Y.P. - LP-22 - 4" x 4"
2. 5/4" x 4" - W.R.C. rails finished four sides
3. 3/8" bevel.
4. Two coats min. of white opaque stain.
5. VDOT compacted No. 26 crusher run.
6. 18" dia. or 12" dia. concrete 3,000 P.S.I. patio block. See detail.
7. 3,000 P.S.I. concrete footing.
8. Crusher run or compacted porous fill at line posts to fence only. 3,000 P.S.I. concrete at gate posts only.
9. Coat all posts below grade with one coat of 'COPPER T-50'.
10. Paint hardware as per specifications. Typ all hardware.
11. P.T.- S.Y.P. - LP-22 - 6" x 6"
12. 4 P.T. - S.Y.P. - LP-22 - 2" x 4"
13. W.R.C. picket rough cut finish - 1" x 3"
14. Fencing types vary.
15. 3/4" bevel.
16. Galv. eye screw. 1/4" dia. (bolt shaft) x 1 1/2" L.
17. Cannonball closure. See specs.
18. Field Adjust chain for cannonball weight. Chain as supplied by weight supplier.
19. Rail splice at posts only.
20. Allow all pressure treated lumber to weather prior to staining typical. Prepare P. T. lumber as per paint manufacturer's recommendations.
21. Vary widths of planks as shown. Provide one series of board sequence as shown followed by reversed sequence. Continue "sets" of sequence and reversed sequence as required.
22. 5/4" x 4" , 5/4" x 6", 5/4" x 8", 5/4" x 10" randomly. Sequenced W.R.C. - see detail.
23. 12" dia x 3' -0" deep concrete footing. Extend post to bottom of footing as per detail J-L-7.
24. Random board sequence for gates 'D and E' as shown. See item #22.
25. Trim board width to edge of gate as shown.
26. Route or provide rabbit in all posts as shown to accept side rails. Chisel, saw and/or route post as shown so planks or pickets are flush with post as per detail J-L7.
27. Recess brace flush with pickets on vertical planks of gate typ.
28. Cut to shape and lightly sand if splintering is present.
29. Acorn shape typ. all four sides of post.
30. Seal checking and loose knots.
31. 1/2 inch wide 'half round' rout,
32. Delete latch at Gates B and C. AS SHOWN ON SHEET L2,
33. Delete fencing at edge location Gates B and C. AS SHOWN ON SHEET L2.

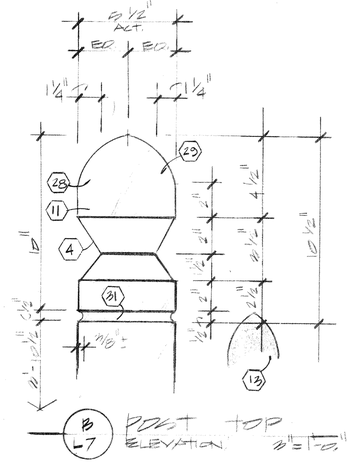
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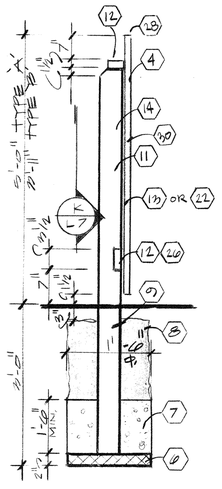
W.R.C. = W.R.C. Rough finish western red cedar.
P.T. S.Y.P. = Pressure treated southern yellow pine.

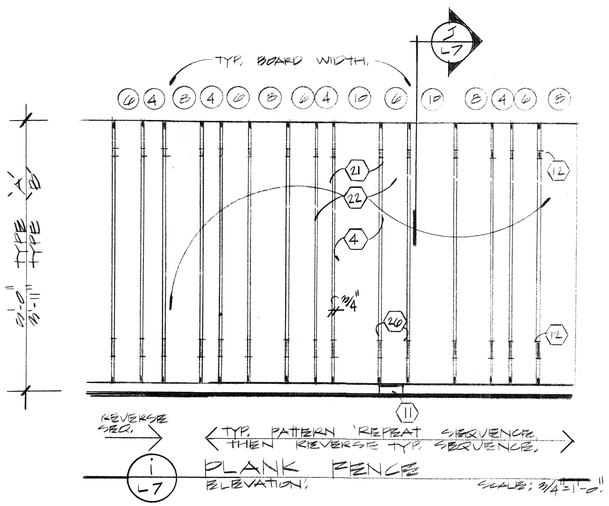


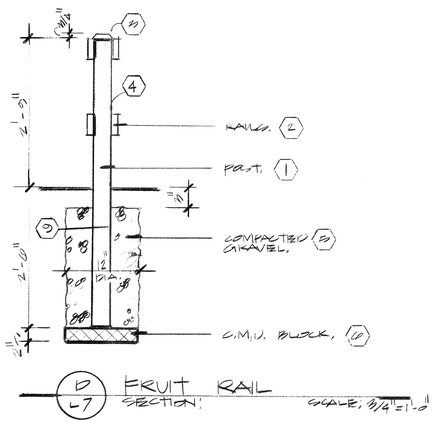


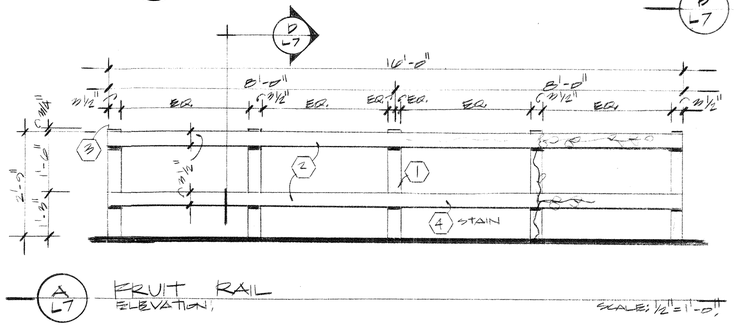












NRHA
Norfolk Redevelopment and Housing Authority

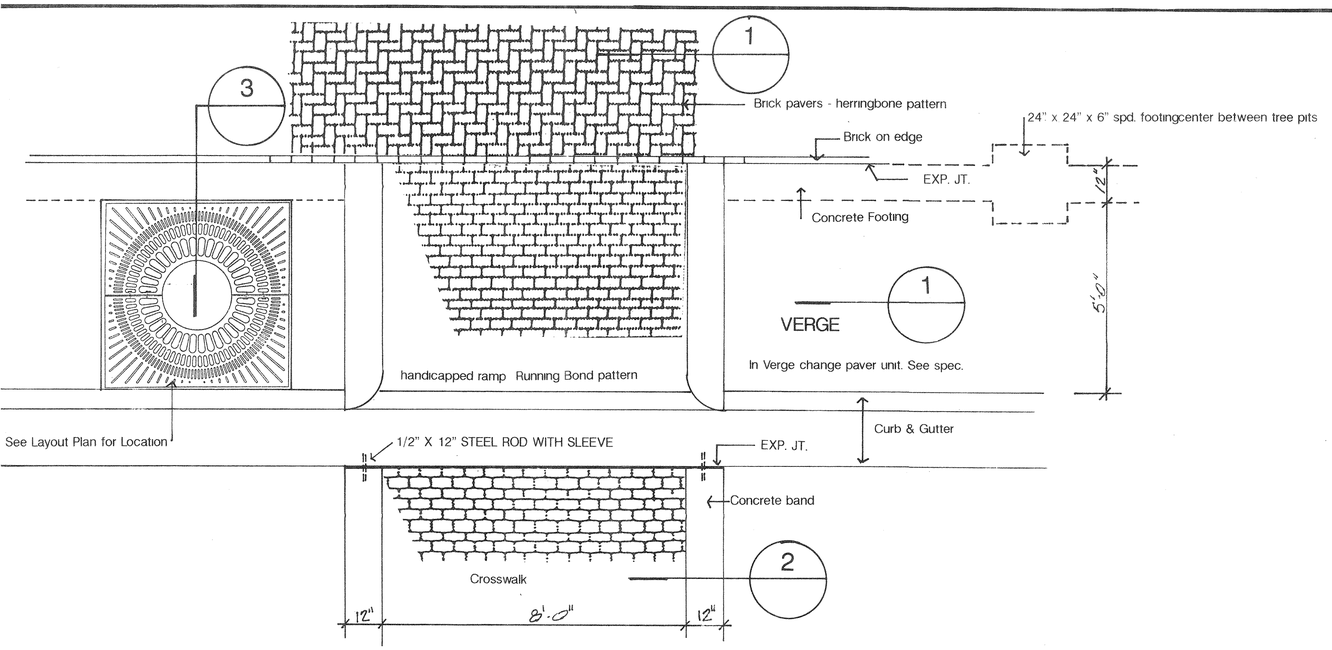
SISKA AURAND
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Site Improvements for: Historic Willoughby-Baylor House
Freemason and Cumberland Streets
Norfolk, VA

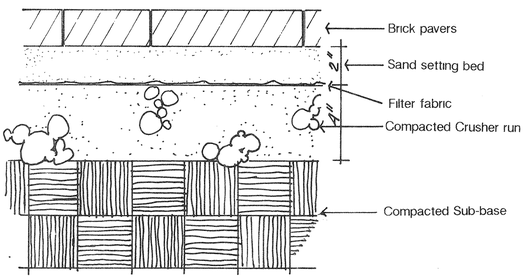
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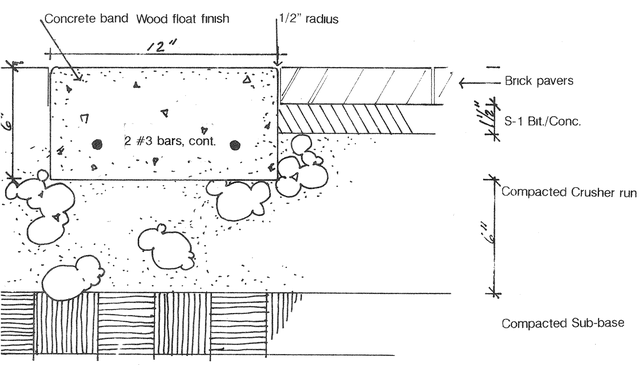
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SHT. 8 OF 9



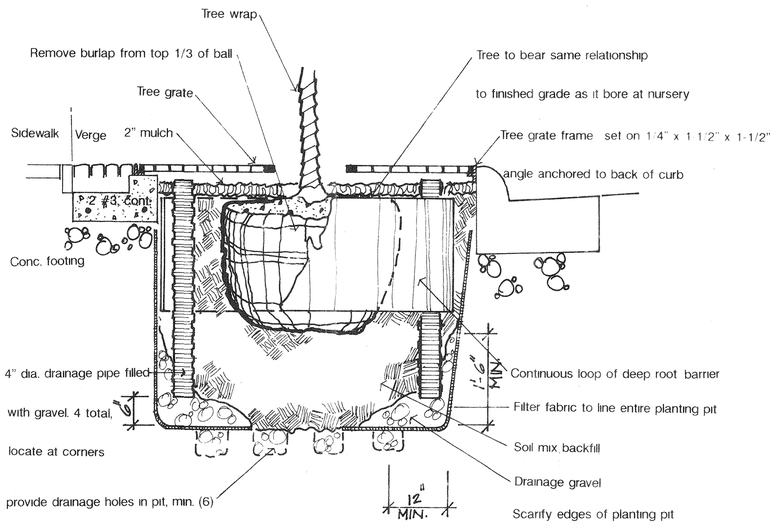
PARTIAL PLAN



1 BRICK SIDEWALK



2 CROSSWALK

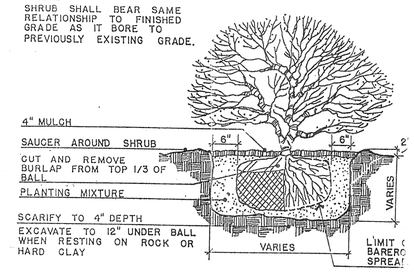


3 TREE PLANTING & TREE GRATE

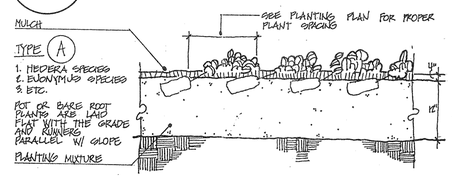
PLANT MATERIALS SCHEDULE

QUANTITY	SYMBOL	COMMON NAME	BOTANICAL NAME	HGT.-SPD.	CAL.	COND.	REMARKS
92		Common Honey Locust	Gleditsia Triacanthos		3 1/2-4"	B&B	
4		Crepe Myrtle	Lagerstroemia Indica	8-10'		B&B	Multi-Stem
22		Box Leap Japanese Euonymus	Euonymus Japonicus 'Microphyllus'	12-15"			Shear to 16" High
920		Hahn's English Ivy	Hedera Helix			Gallon Container	12" o.c.

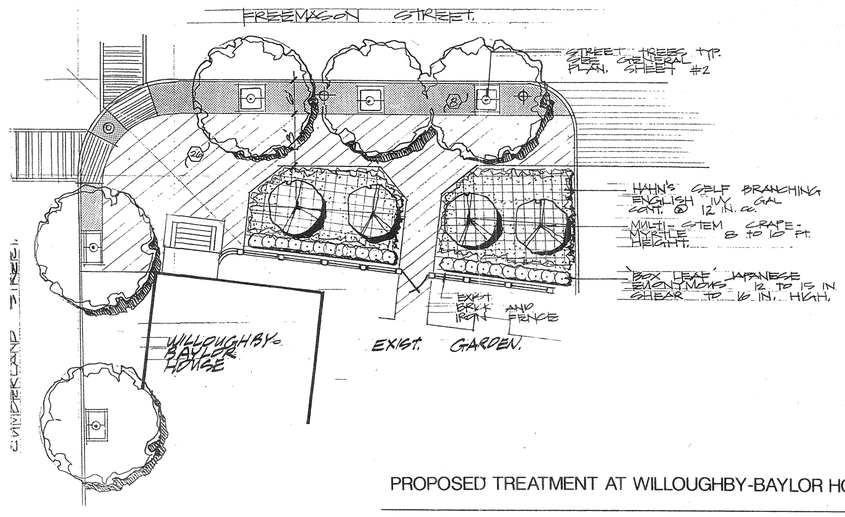
NOTE:
SHRUB SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS IT BORE TO PREVIOUSLY EXISTING GRADE.



SHRUB PLANTING DETAIL



GROUNDCOVER PLANTING DETAIL



PROPOSED TREATMENT AT WILLOUGHBY-BAYLOR HOUSE

LAND PLANNING & DESIGN ASSOCIATES, INC.
671 NORFOLK SQUARE, NORFOLK, VIRGINIA 23502
(804-855-2948)

MILLER-STEPHENSON & ASSOCIATES, P.C.
ENGINEERS, SURVEYORS & PLANNERS
204 Grayson Road, Virginia Beach, Va. 23462 (804-490-9264)
424 Market Street Suffolk, Va. 23434 (804-934-7606)

60%

DESIGNED ____ DATE
DRAWN ____ DATE
CHECKED ____ DATE
APPROVED ____ DATE

REVISIONS		
DATE	BY	DESCRIPTION

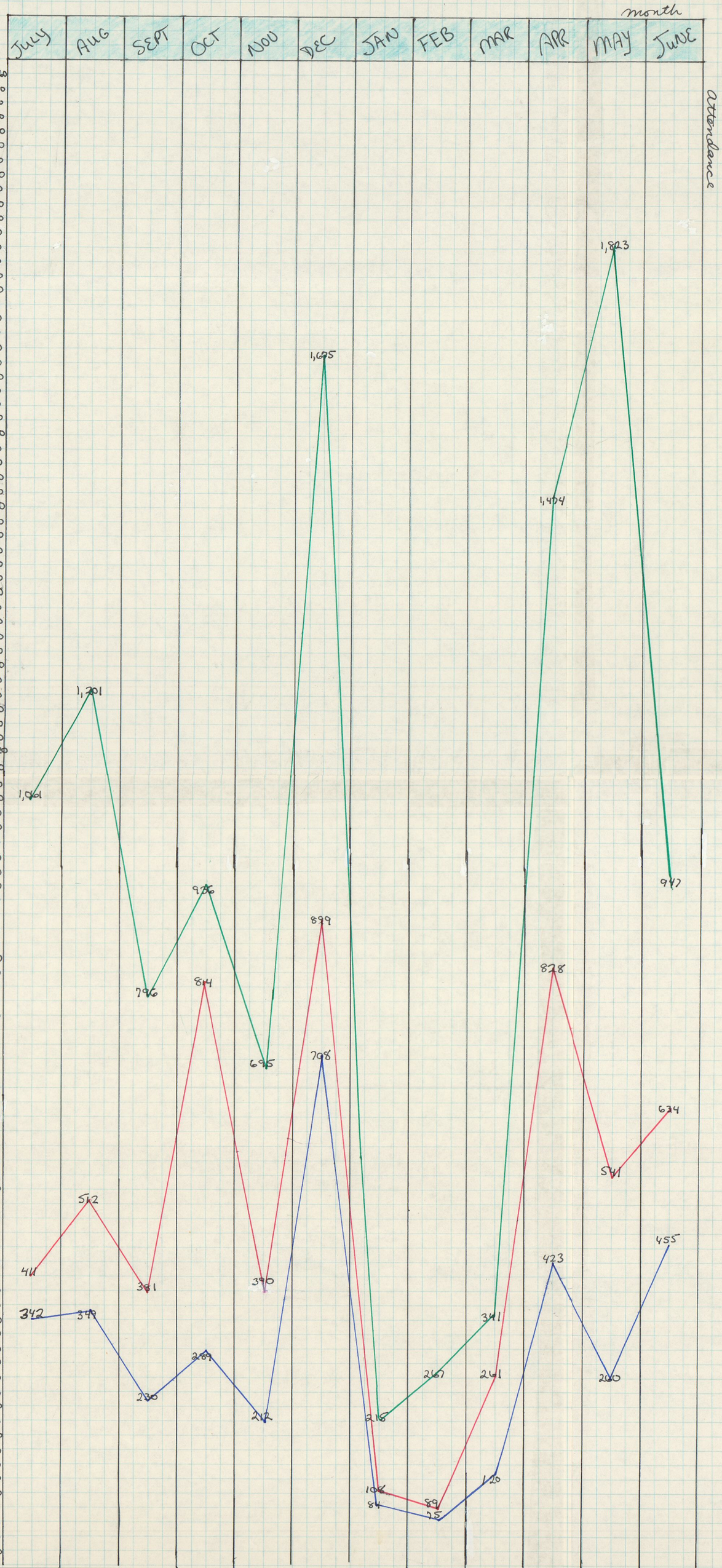
STREETSCAPE IMPROVEMENTS
DETAILS
FOR
NORFOLK REDEVELOPMENT AND HOUSING AUTHORITY
NORFOLK VIRGINIA

SCALE: GRAPHIC | PROJECT NO: K-115 | FILE NO. K-115 | SHEET L3 OF 18

F. YEAR 85-86

Monthly

Attendance (yearly totals:)	
Myers House	5,868
Willoughby Baylor	3,542
Thoroughgood	11,431



F. YEAR 84-85

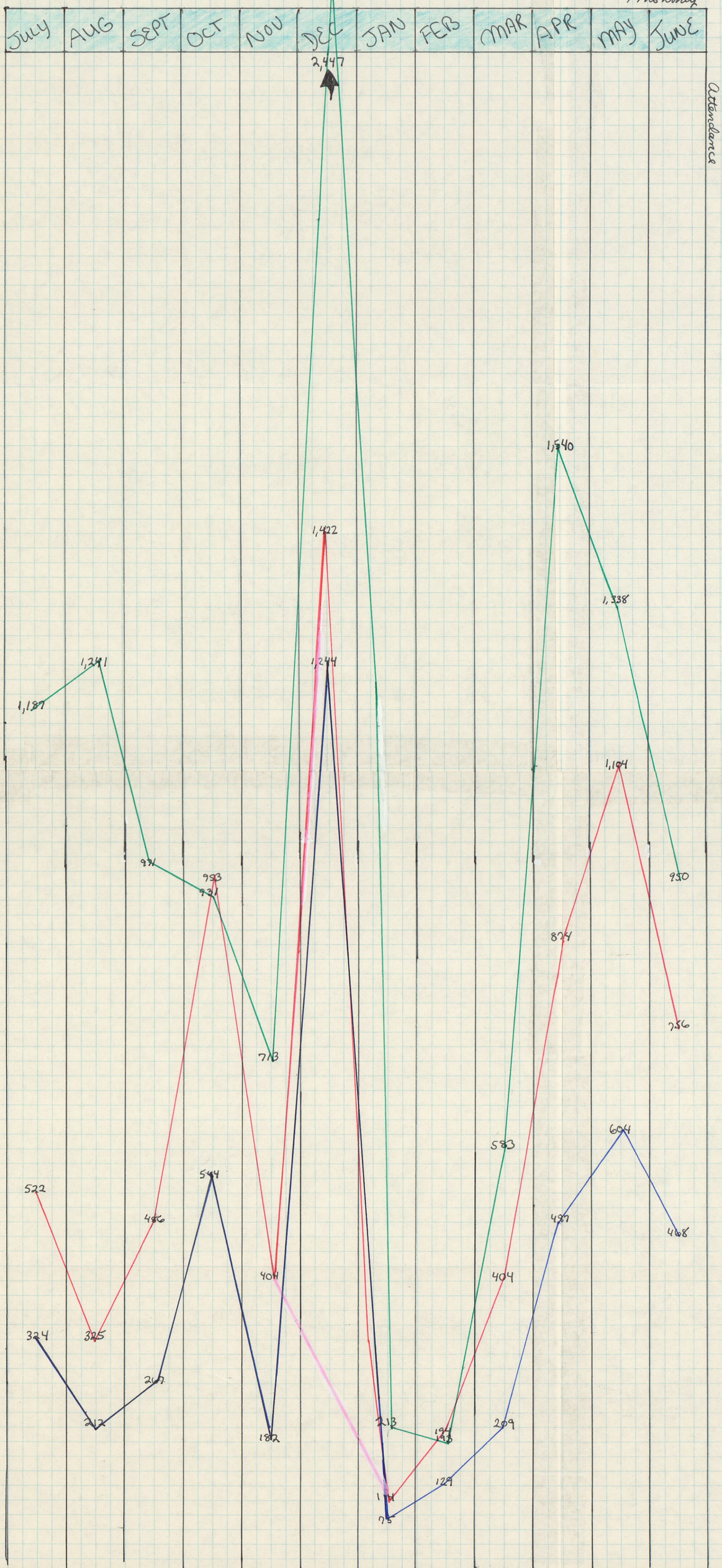
monthly

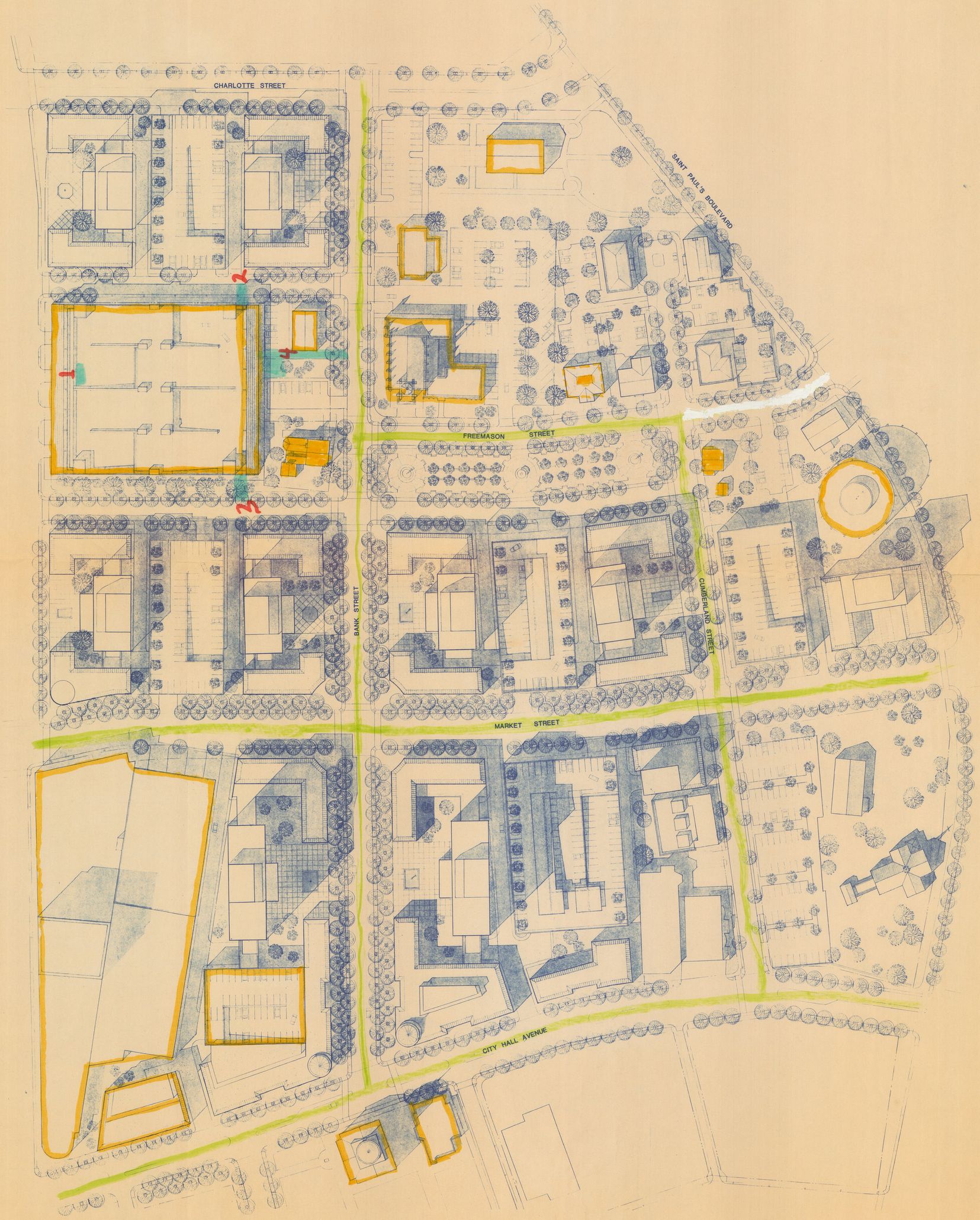
attendance (yearly total:)

Myers House — 7,560

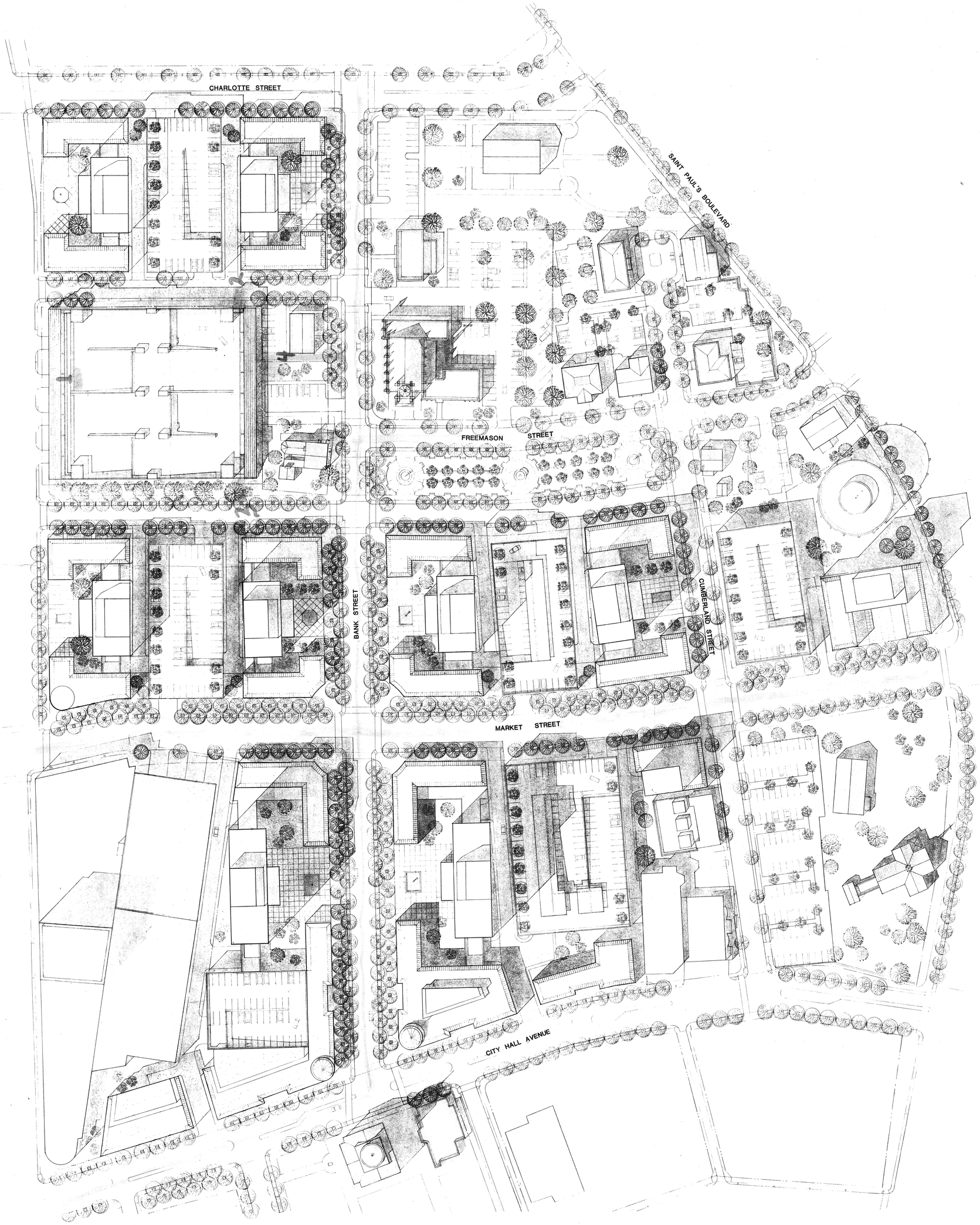
Willoughby/Baylor — 4,745

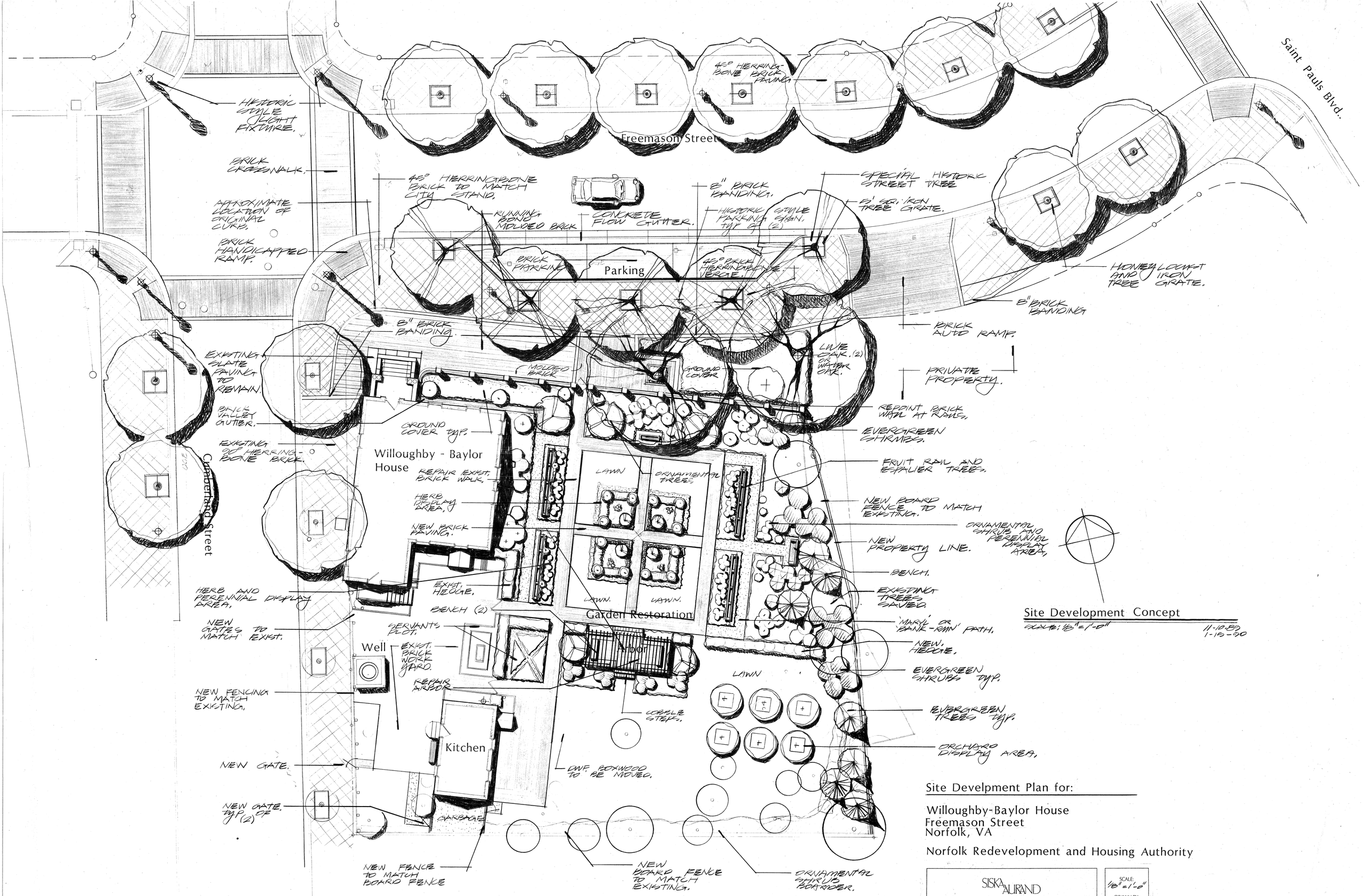
Thoroughgood — 12,307





URBAN DESIGN GUIDELINES FOR DOWNTOWN NORFOLK


CHARLOTTE STREET
SAINT PAUL'S BOULEVARD
FREEMASON
STREET
BANK STREET
CUMBERLAND STREET
MARKET STREET
CITY HALL AVENUE



Site Development Concept

SCALE: 1/8"=1'-0" 11-12-89
1-12-90

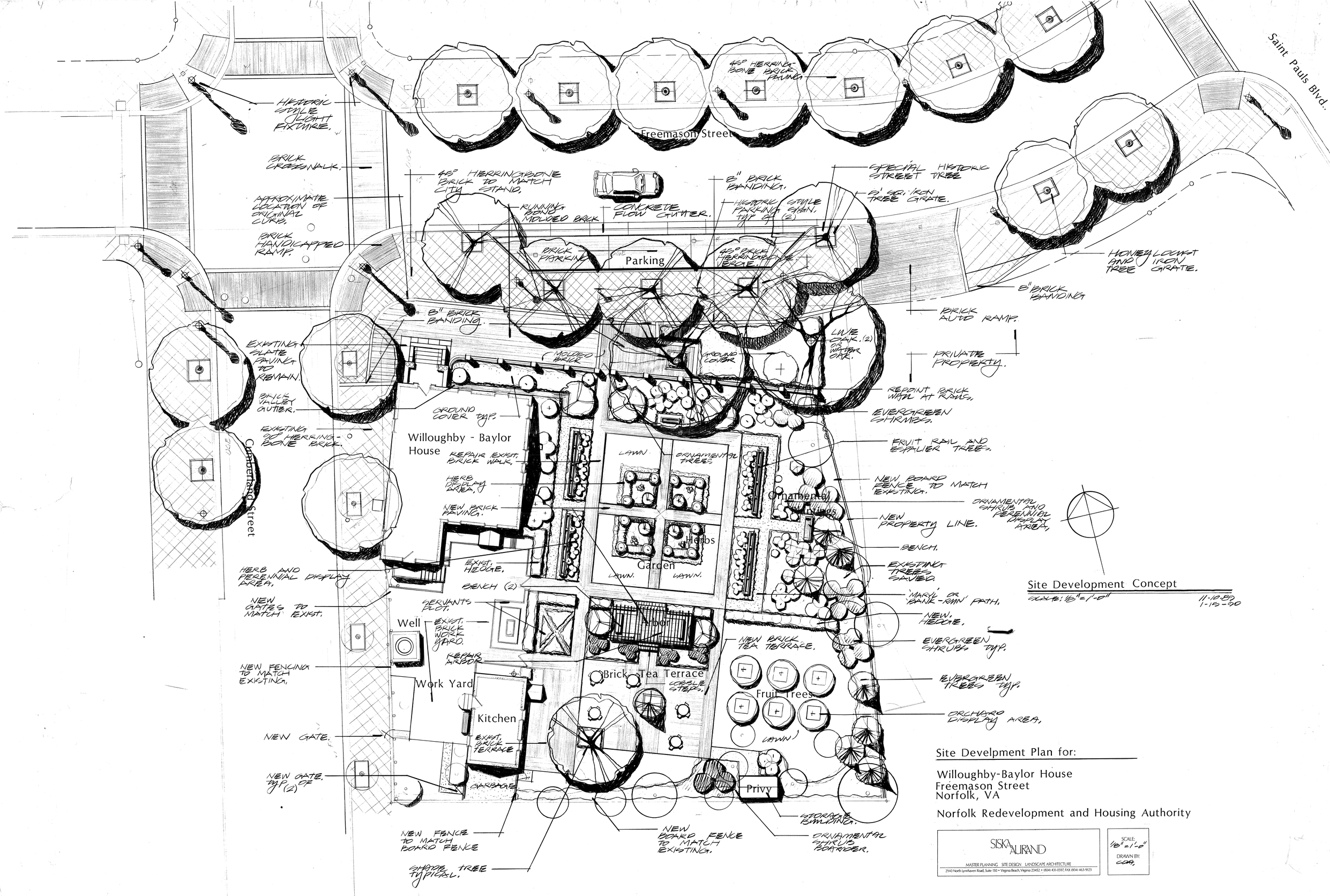
Site Develpment Plan for:

Willoughby-Baylor House
Freemason Street
Norfolk, VA

Norfolk Redevelopment and Housing Authority

SISKA AURAND
MASTER PLANNING SITE DESIGN LANDSCAPE ARCHITECTURE
2940 North Lynnhaven Road, Suite 130 • Virginia Beach, Virginia 23452 • (804) 431-0597, FAX (804) 463-9123

SCALE: 1/8"=1'-0"
DRAWN BY: CMA.



Site Development Concept

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

11-12-89
1-15-90

Site Develpment Plan for:

Willoughby-Baylor House
Freemason Street
Norfolk, VA

Norfolk Redevelopment and Housing Authority

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

DRAWN BY: CMA,