



HUNTSVILLE
The Star of Alabama

300 Fountain Circle
Huntsville, AL 35801

Mayor :

Tommy Battle

City Council :

Richard Showers Sr.

Mark Russell

Dr. Jennie Robinson

Bill Kling Jr.

Will Culver, President



VICINITY MAP
(N.T.S.)

SHEET INDEX

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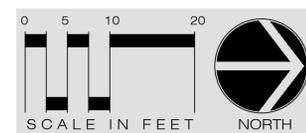
JBOSTICK
LANDSCAPE ARCHITECTS
Huntsville, Alabama 35801
www.bosticklandscapearchitects.com
413 Homewood Drive
256.361.1984

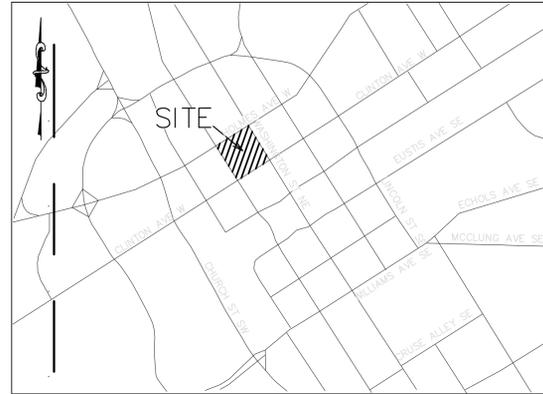
Title Sheet
Washington Park
Huntsville, Alabama 35801

PROJECT NO:	
SCALE:	n.s.
DATED:	07.01.16
DRAWN BY:	cdh
REVISIONS:	

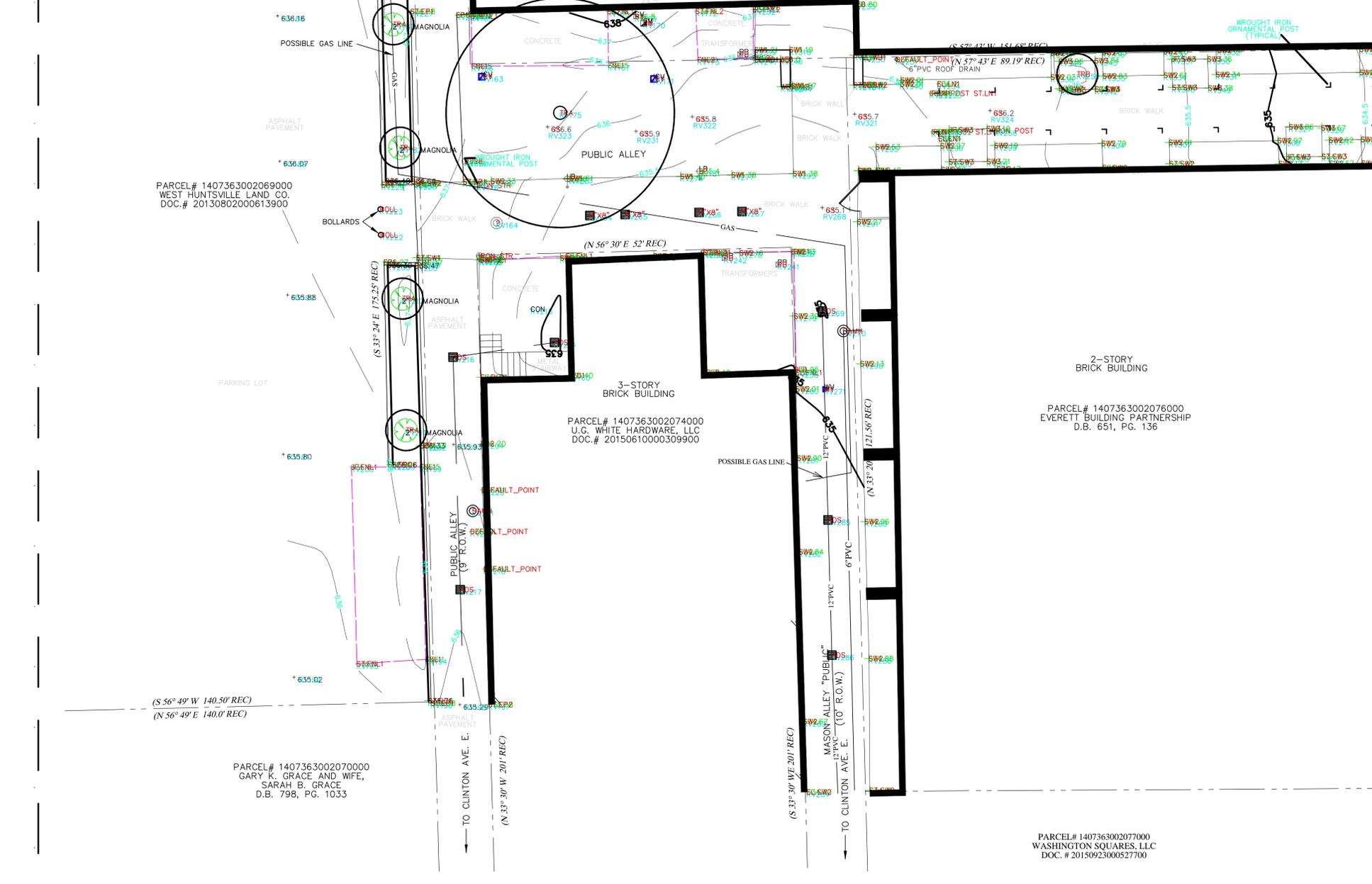
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SHEET
T1.1
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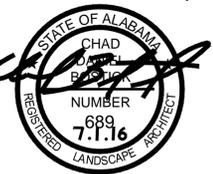
VICINITY MAP
(N.T.S.)



- NOTES**
1. THE SITE IS LOCATED BETWEEN HOLMES AVENUE NORTHWEST, WASHINGTON STREET NORTHWEST, CLINTON AVENUE EAST AND JEFFERSON STREET NORTH IN THE CITY OF HUNTSVILLE, ALABAMA.
 2. THE TOPOGRAPHIC SURVEY SHOWN HEREON IS ORIENTED TO GRID NORTH OF THE ALABAMA STATE PLANE GRID SYSTEM, EAST ZONE, NAD 1983.
 3. THIS PROPERTY IS NOT LOCATED IN A FLOOD HAZARD AREA ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP 01089C0327E, DATED OCTOBER 2, 2014.
 4. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM FIELD LOCATED VISIBLE APPURTENANCES, ATLAS MAPS AS MAY BE AVAILABLE FROM MUNICIPALITIES OR UTILITY COMPANIES, AND OTHER DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES STATE THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION CONSULTED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. TO AVOID ANY POSSIBLE HAZARD OR CONFLICT, CALL 811 BEFORE YOU DIG.
 5. NO TITLE REPORT WAS FURNISHED TO THIS SURVEYOR.
 6. BEARINGS AND DISTANCES INDICATED THUS () ARE RECORD DEED CALLS.
 7. CONTOUR INTERVAL ONE-HALF FOOT, CONTOURS WERE INTERPOLATED FROM RANDOM SHOTS TAKEN ON A MAXIMUM 25-FOOT INTERVAL.

PROPERTY MAP REFERENCE
BEING SHOWN ON MADISON COUNTY PROPERTY MAP NO. 20.

BENCH MARK
NATIONAL GEODETIC SURVEY - BRASS DISK STAMPED H 314 1949, AT THE INTERSECTION OF HOLMES STREET AND JEFFERSON STREET, AT THE POST OFFICE BUILDING, SET IN TOP OF THE SOUTHWEST STONE BANISTER OF STEPS TO THE MAIN (SOUTHEAST) ENTRANCE TO THE POST OFFICE BUILDING, 1 FOOT NORTHWEST OF A LAMP POST ON BANISTER AND ABOUT 4 FEET ABOVE THE SIDE WALK. ELEVATION - 640.74 FEET N.A.V.D. 1988



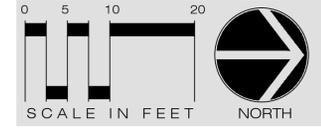
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LANDSCAPE ARCHITECTS
Huntsville, Alabama 35801
413 Homewood Drive
256.361.984
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Existing Conditions
Washington Park
Huntsville, Alabama 35801

PARCEL# 1407363002070000
GARY K. GRACE AND WIFE,
SARAH B. GRACE
D.B. 798, PG. 1033

PARCEL# 1407363002074000
U.G. WHITE HARDWARE, LLC
DOC.# 20150610000309900

PARCEL# 1407363002076000
EVERETT BUILDING PARTNERSHIP
D.B. 651, PG. 136



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SHEET
L1.0
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FUTURE
NOT IN CONTRACT

EXISTING MAGNOLIA
LIMB UP TO 8' ABOVE GRADE

EXISTING PLANTER
PLANTS TO REMAIN

PLANTING AREA
SEE SHEET (L3.1)

BENCH (SEE DETAIL 4/L1.3)

PARALLEL 42
LANDSCAPE FORMS
(404) 361-0400
OR APPROVED EQUAL

PLANTER (SEE DETAIL 5/L1.3)

SORELLA 15X15X18 - BLUE BELL
LANDSCAPE FORMS
(404) 361-0400
OR APPROVED EQUAL

EXISTING PAVING
TO REMAIN (TYP.)

EXISTING PLANTER
PLANTS TO REMAIN

TOURENSOL 24x24
BOULEVARD WOOD TILES
(800) 542-2282
OR APPROVED EQUAL

5 BOULDERS EX. LOCATION ONSITE
APPROX SIZED 18" X 24" X 18"

PLANTING AREA
SEE SHEET (L3.1)

BUBBLING ROCK WATER FEATURE
SEE DETAIL (1/L1.3)

ASLA STREET BENCHES
EXISTING RELOCATE HERE

AREA NOT IN CONTRACT

TRASH (SEE DETAIL 3/L1.3)

FGP SIDE OPENING
LANDSCAPE FORMS
(404) 361-0400
OR APPROVED EQUAL

ARTIFICIAL TURF (SEE DETAIL 2/L1.3)

SYNLAWN
SYNFESCUE 214
(866-SYNLAWN)
OR APPROVED EQUAL

BENCH (SEE DETAIL 4/L1.3)

PARALLEL 42
LANDSCAPE FORMS
(404) 361-0400
OR APPROVED EQUAL

WASHINGTON STREET



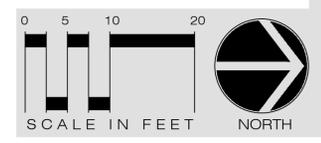
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Overall Hardscape Notes
Washington Park
Huntsville, Alabama 35801

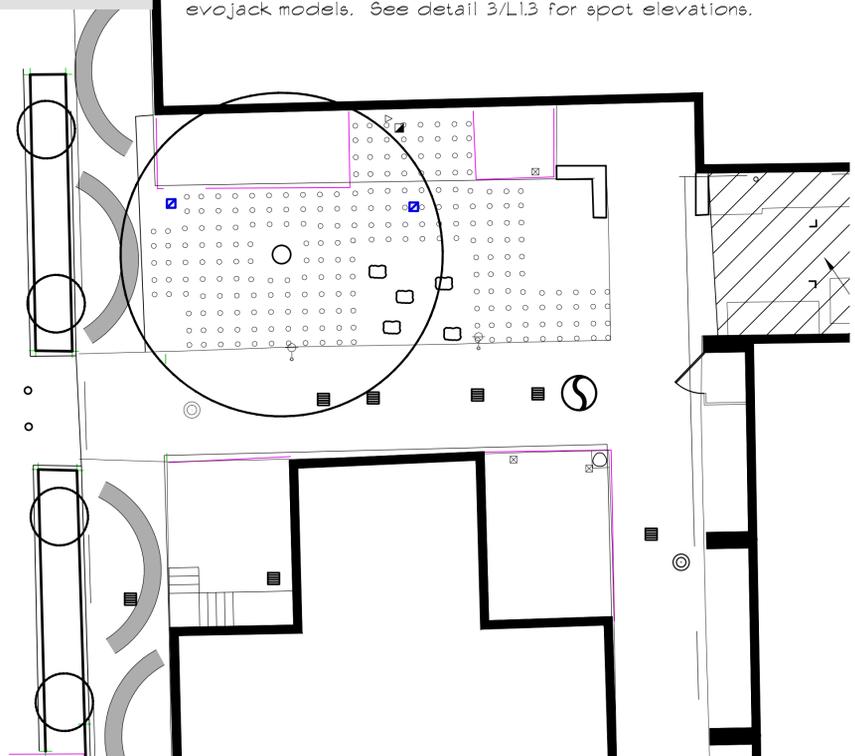
PROJECT NO:
SCALE: 1"=10'
DATED: 07.01.16
DRAWN BY: cdb
REVISIONS:

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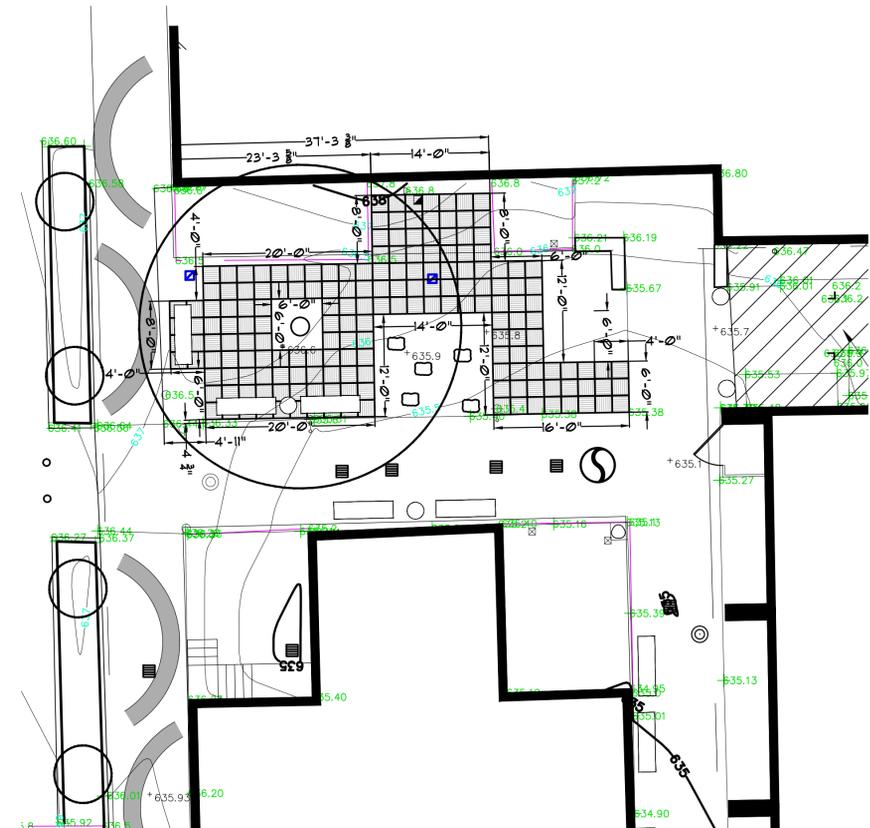
SHEET
L1.1
3 of 11



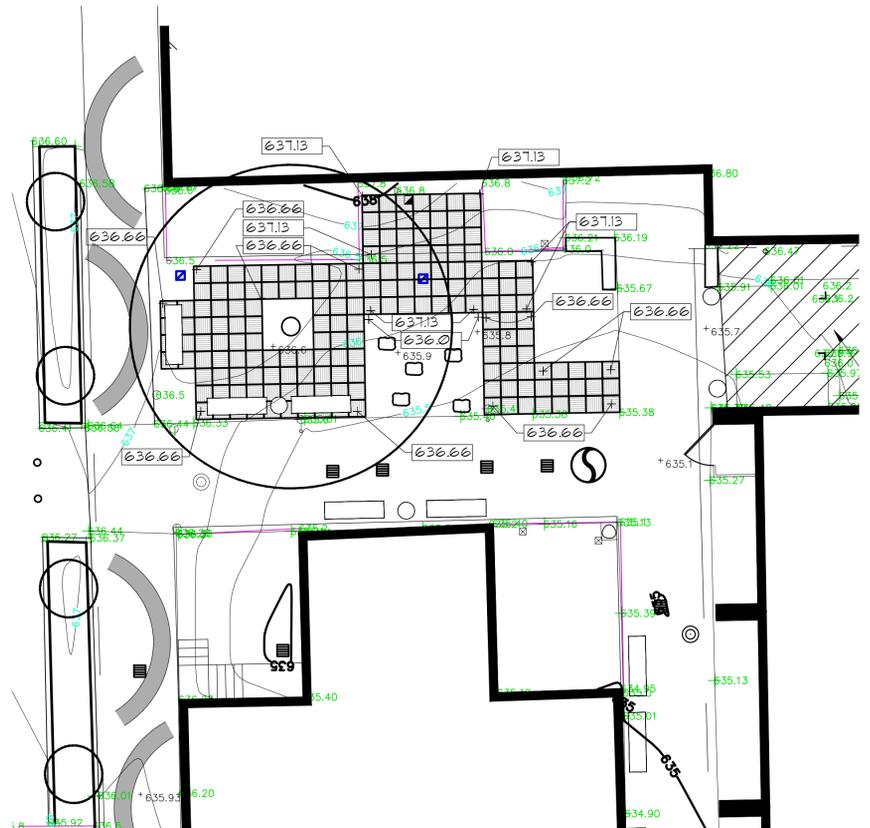
Note: Evojacks are located on approximately 2'-0" spacing
 Contractor is responsible for providing correct height
 evojack models. See detail 3/L1.3 for spot elevations.



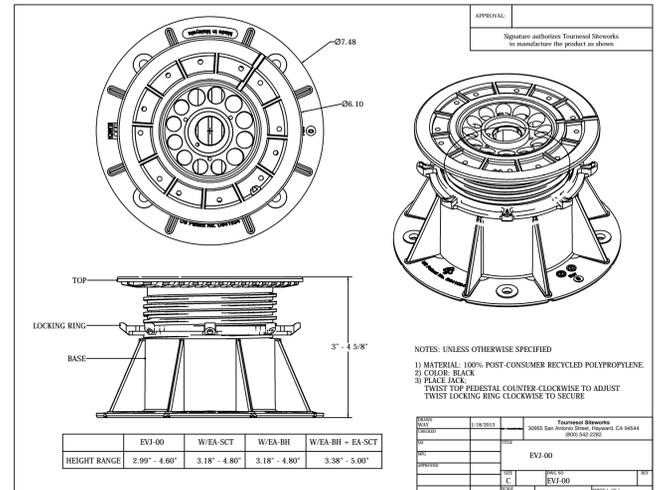
1
 L1.2
 Versa-Jack (Or Approved Equal) Layout
 1"=10'



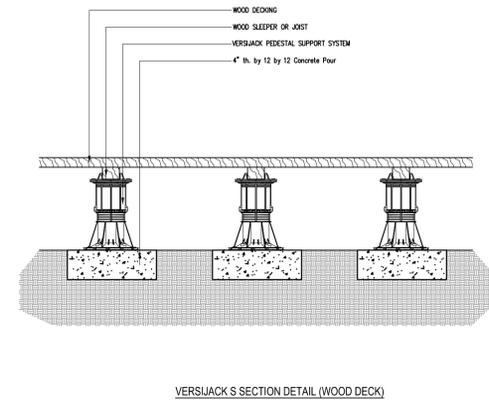
2
 L1.2
 Decking Layout Dimensions
 1"=10'



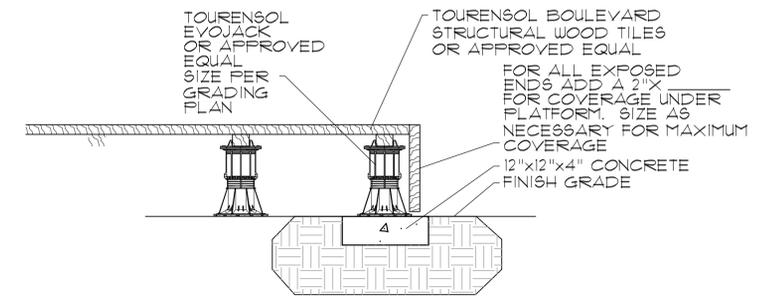
3
 L1.2
 Spot Elevations
 1"=10'



4
 L1.2
 Typ. Versa-Jack Product Details
 n.t.s.

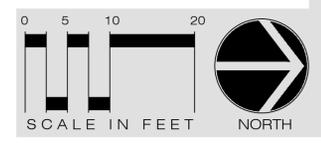


5
 L1.2
 Versa-Jack Deck Section
 n.t.s.



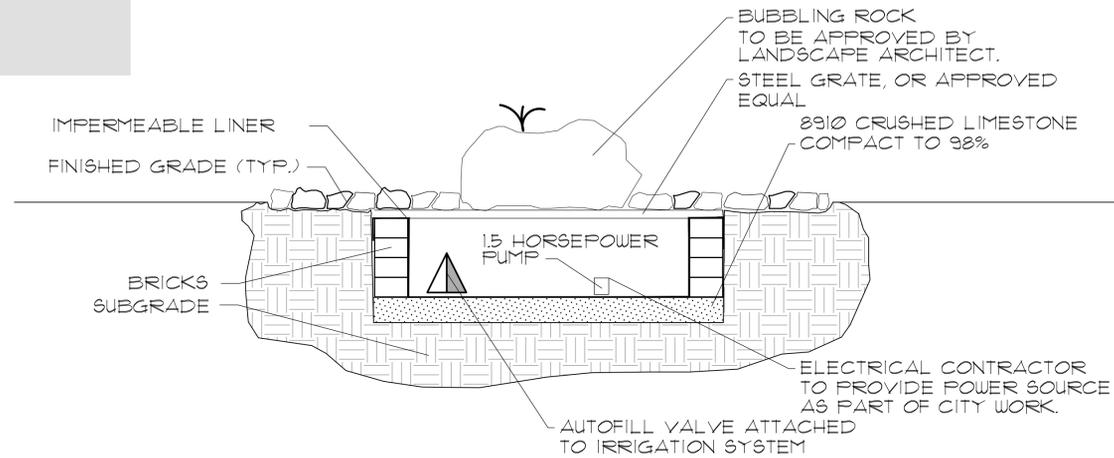
6
 L1.2
 Outer Decking Edge Detail
 n.t.s.

- HARDSCAPE NOTES:**
- (P.O.B) POINT OF BEGINNING AT CORNER OF WALLS AS SHOWN.
 - ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED ON PLAN.
 - ALL HARDSCAPE ELEMENTS ARE TO BE STAKED IN THE FIELD BY THE CONTRACTOR FOR APPROVAL BY THE LANDSCAPE ARCHITECT BEFORE BEGINNING CONSTRUCTION ALLOW 48 HR. NOTICE. UNAPPROVED ELEMENTS ARE SUBJECT TO REMOVAL AT CONTRACTORS EXPENSE.
 - ALL RADII GIVEN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - REFER TO DETAIL 3/L1.2 FOR ALL SPOT ELEVATIONS, GRADES.
 - CONTRACTOR TO PROVIDE PROPER MODELS OF EVOJACKS BASED ON SPOT ELEVATIONS SHOW IN DETAIL 3/L1.2 TO ACHIEVE PROPER ELEVATION.

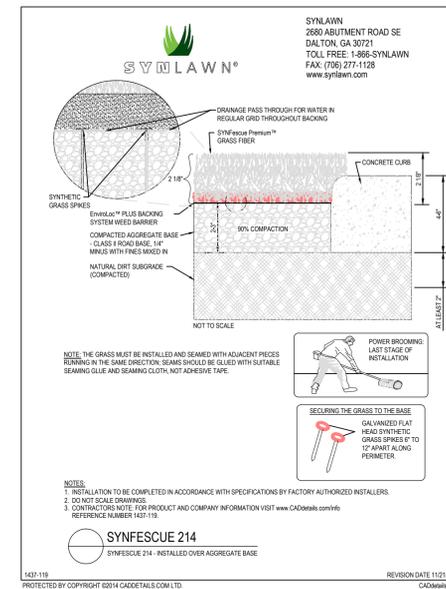


PROJECT NO:	
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DRAWN BY:	cdh
REVISIONS:	

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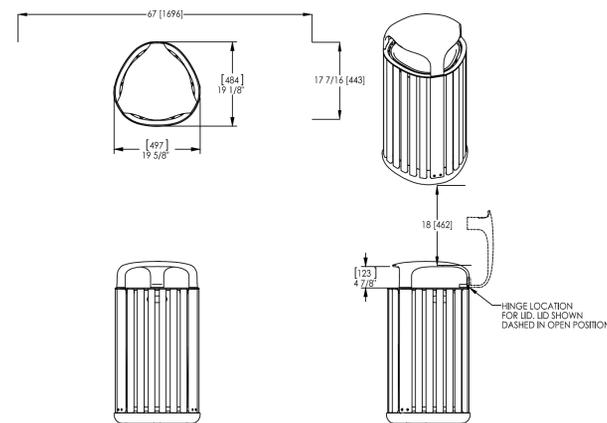


1 Bubbling Rock Detail
1"=1'



2 Artificial Turf (Or Approved Equal) Details
n.t.s.

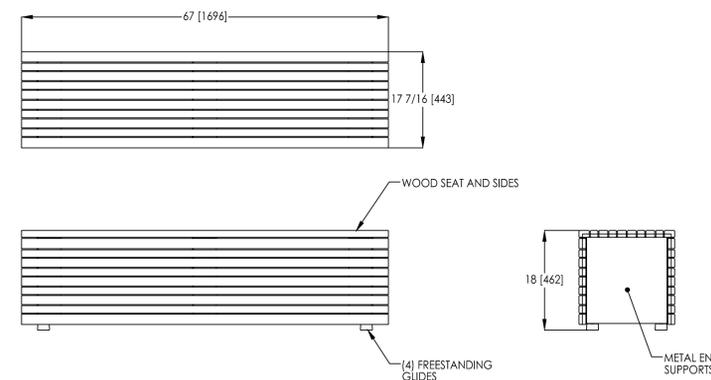
FGP Side opening litter receptacle, wood
Product Drawing
Date: 6/8/2015
Ph: 800.521.2546
www.landscapeforms.com



landscapiforms Drawing: AG200-01
Dimensions are in inches [mm]
Patent Pending
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3 Trash Receptacle (Or Approved Equal) Detail
n.t.s.

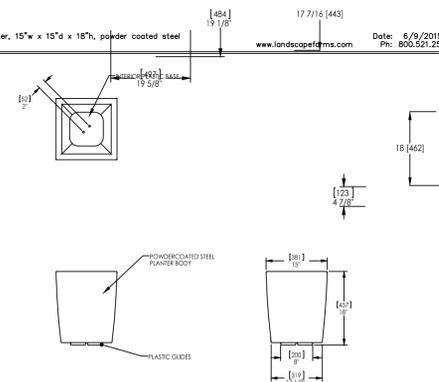
Parallel 42
Product Drawing, straight backless unit, 67in length, freestanding
Date: 6/19/2015
Ph: 800.521.2546
www.landscapeforms.com



landscapiforms Drawing: MU103-01
Dimensions are in inches [mm]
Patent Pending
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4 Bench (Or Approved Equal) Detail
n.t.s.

Sorell Planter, 15" w x 15" d x 18" h, powder coated steel
Product Drawing
Date: 6/9/2015
Ph: 800.521.2546
www.landscapeforms.com



landscapiforms Drawing: SR106-01
Dimensions are in inches [mm]
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5 Planter (Or Approved Equal) Details
n.t.s.



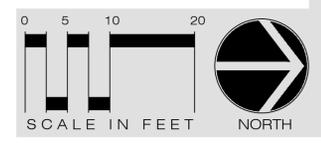
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413 Homewood Drive
256.361.1984

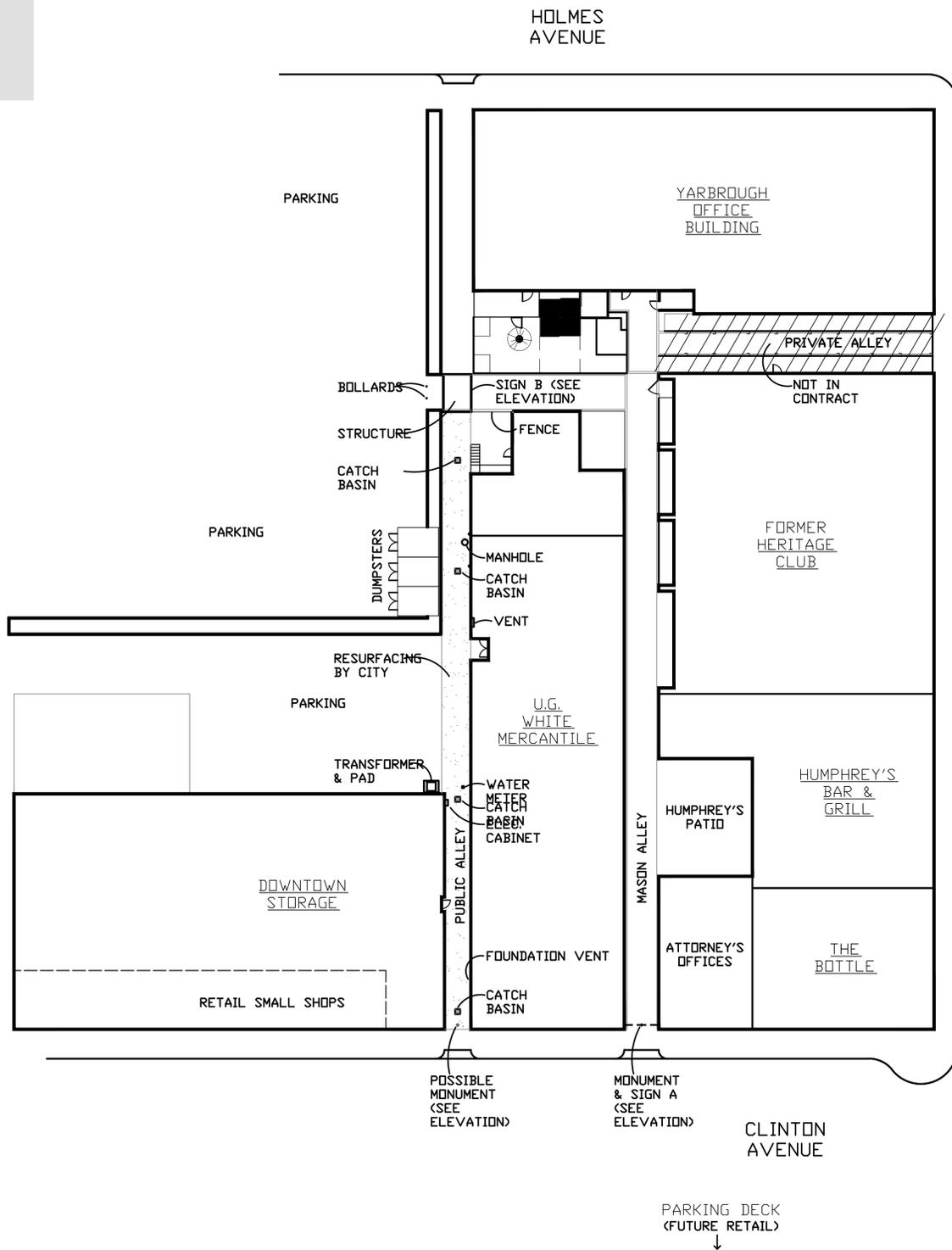
Amenity Details
Washington Park
Huntsville, Alabama 35801

PROJECT NO:	
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SHEET
L1.3
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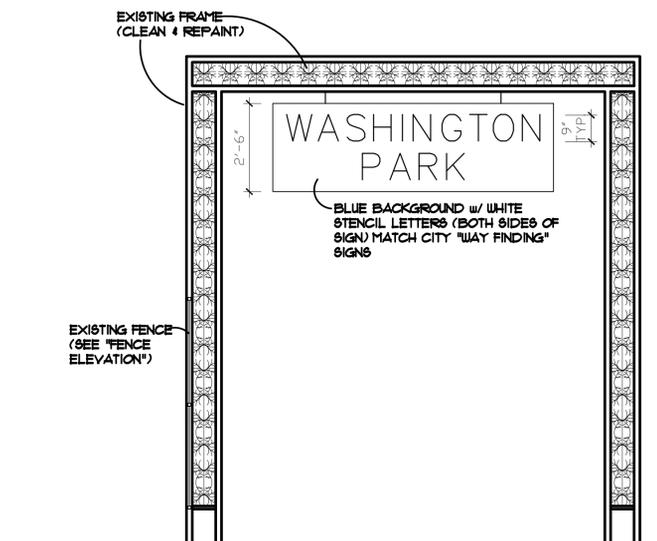
1
L1.4
n.t.s.
Signage Location Map

BELK HUDSON LOFTS

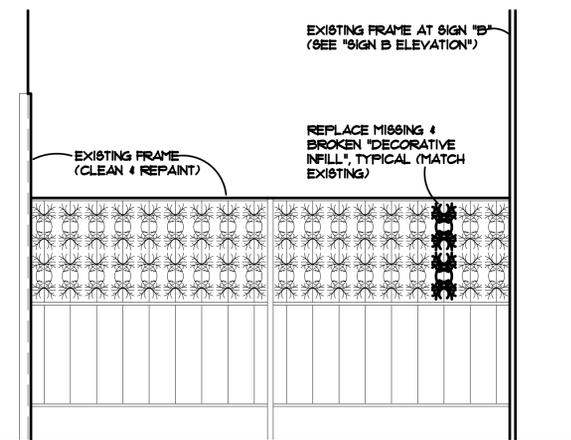
WASHINGTON STREET

ONE HUNDRED WASHINGTON

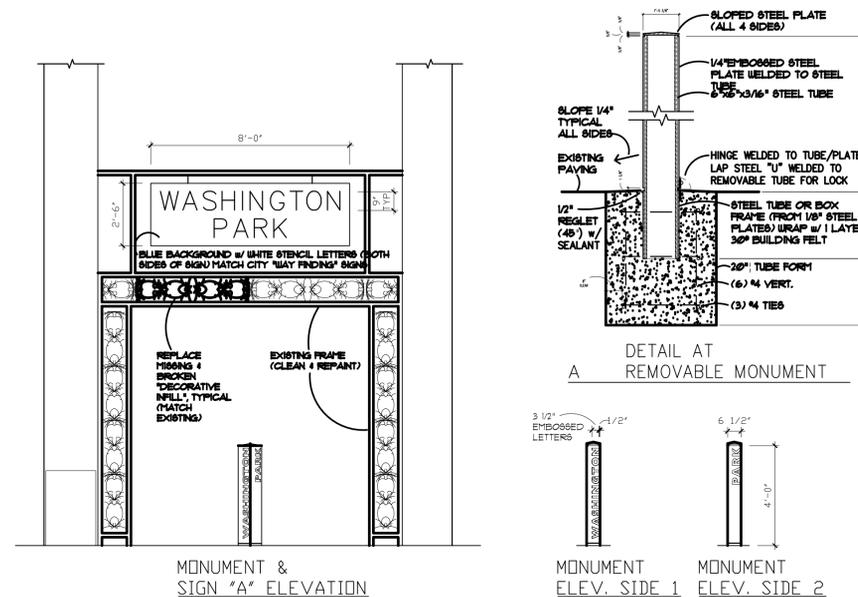
2
L1.4
n.t.s.
Monument and Sign "A" Details



3
L1.4
n.t.s.
Sign "B" Details

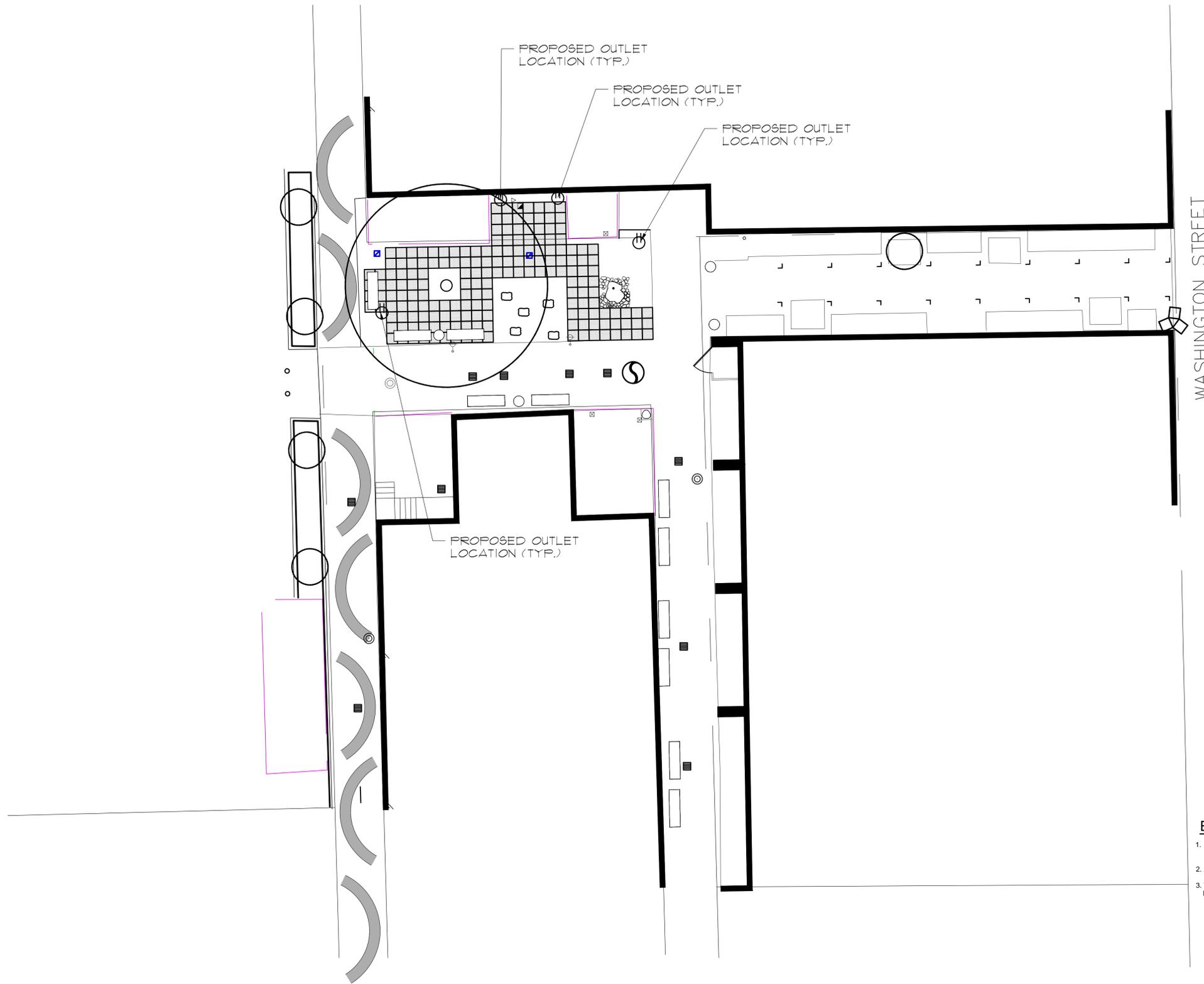


4
L1.4
n.t.s.
Fence Elevation



PROJECT NO.	
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WASHINGTON STREET

ELECTRICAL NOTES:

1. DRAWING IS INFORMATION ONLY. NO ELECTRICAL DESIGN HAS BEEN PROVIDED. ONLY PROPOSED OUTLET LOCATIONS HAVE BEEN SHOWN.
2. ALL ELECTRICAL ENGINEERING IS TO BE PROVIDED BY THE CITY OF HUNTSVILLE.
3. THERE ARE ACTIVE UTILITIES THROUGHOUT THE SITE. INSTALLER TO HAVE ALL EXISTING UTILITIES MARKED THROUGHOUT THE SITE.



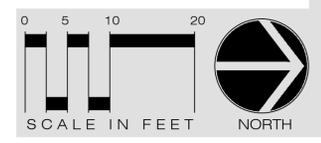
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Electrical Outlet locations
Washington Park
 Huntsville, Alabama 35801

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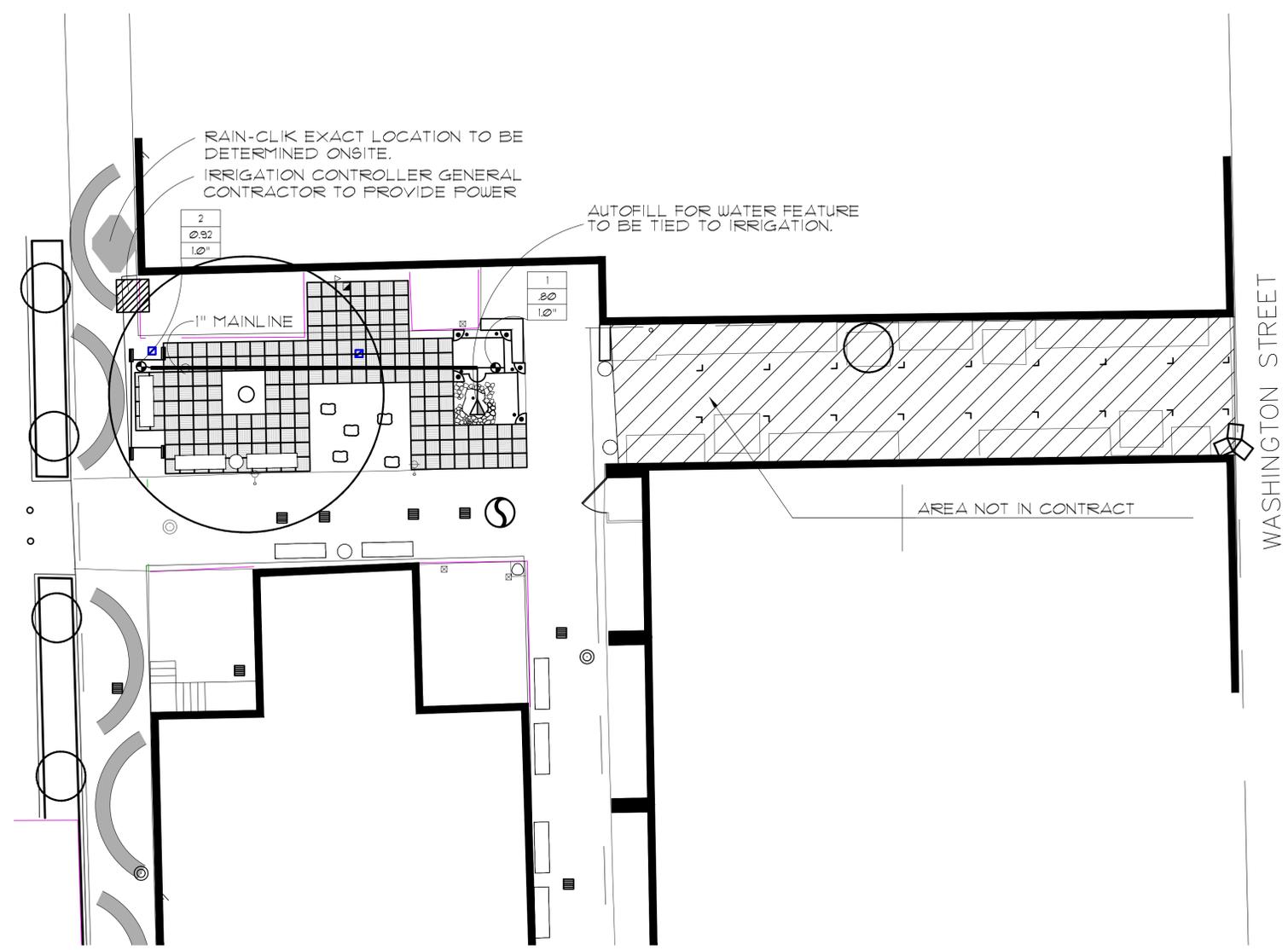
SHEET
L1.5
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413 Homewood Drive
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Irrigation Plan
Washington Park
Huntsville, Alabama 35801



IRRIGATION DESIGN DATA

CIRCUIT	HEADS	GPM	TOTAL GPM	VALVE	TYPE HEAD
1	5	20	100	100 FEB	HUNTER PRO SPRAY PFS40 HEADS
2	4	20	80	100 FEB	HUNTER PRO SPRAY PFS40 HEADS
3	Drip	Zone	to	Planters	

PROVIDE THE FOLLOWING PIPE SIZES / FLOW RATES

PIPE SIZE	FLOW RATE
1"	11 GPM
1-1/2"	35 GPM
2"	55 GPM

2-1/2" 80 GPM
3" 120 GPM
4" 200 GPM

FLOW RATES FOR PVC PIPE AT MAXIMUM 5 FT / SEC.

IRRIGATION LEGEND

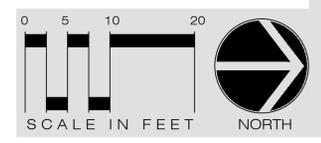
- HUNTER PFS40-CV-MPI000 SERIES SPRAY HEADS, 360°-90° ARCS
- HUNTER PFS40-CV-MPLC55B/MP55530 SERIES SPRAY HEADS, END 4 SIDE STRIPS OR APPROVED EQUAL
- HUNTER PFS40-CV-RAINBIRD SQ HLF OR APPROVED EQUAL
- RAIN BIRD PEB SERIES ELECTRIC REMOTE CONTROL VALVE, SIZE AS PER DRAWINGS OR APPROVED EQUAL
- 3/4" BRASS HOSE BIB IN VALVE BOXES AS PER SPECIFICATIONS
- 1" MANUAL ISOLATION VALVE IN MAINLINE, STOCKHAM CLASS 125, B-103
- 1" TAP, BACKFLOW PREVENTER AND WATER METER BY PROPERTY OWNER (TO BE PLACED UNDER GROUND)
- HUNTER PCC-600 ELECTROMECHANICAL CONTROLLER IN LOCKABLE BOX
- HUNTER RAIN CLIK SENSOR, INSTALL PER MANUFACTURERS SPECIFICATIONS
- MAINLINE SCH40 PVC, SIZE AS PER DRAWING
- LATERAL LINE CLASS 200 PVC SIZE AS PER DRAWING
- SLEEVING CLASS 200 PVC BY IRRIGATION CONTRACTOR SIZE AS PER DRAWING, COORDINATE WITH GENERAL CONTRACTOR
- TOP LINE * INDICATES CONTROLLER CIRCUIT NUMBER
- MIDDLE LINE * IS CALCULATED FLOW IN GALLONS/MINUTE
- BOTTOM LINE * INDICATES SIZE OF VALVE REQUIRED

NOTES

- POWER TO CONTROLLER BY ELECTRICAL CONTRACTOR
- EXACT LOCATION OF CONTROLLER ON WALL BY PROPERTY OWNER
- COORDINATE STUB THROUGH WALL FOR CONTROLLER WIRING
- DRAWING IS DIAGNOSTIC, ALL LINES TO BE PLACED BACK OF CURB
- ALL HEADS PLACED IN SHRUB BEDS WILL HAVE 1" POP-UPS UNLESS OTHERWISE NOTED
- USE VARIABLE ARC SPRAY HEADS WHEN NECESSARY
- THERE IS TO BE (2) 4" PVC SLEEVES EACH TIME MAINLINE CROSSES HARDSCAPE THERE IS TO BE (1) 4" PVC SLEEVE WHEN THE LATERAL LINE CROSSES HARDSCAPE
- ALL EQUIPMENT REQUIRED BUT NOT SPECIFIED ON THE DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR
- VERIFY TAP, IRRIGATION CONTRACTOR TO TEST WATER CONDITIONS AS THEY EXIST IMMEDIATELY DOWN STREAM FROM TAP, IF THEY DO NOT MEET DESIGN DEMANDS, NOTIFY LANDSCAPE DESIGNER IMMEDIATELY OF EXISTING CONDITIONS.
- MATCH PRECIPITATION RATES ON ALL CIRCUITS
- ALL WORK MUST COMPLY WITH LOCAL CODES
- NO ELECTRICAL CONNECTIONS SHALL BE MADE IN THE FIELD EXCEPT AT A VALVE CONTROL BOX OR ANOTHER VALVE BOX SPECIFICALLY FOR CONNECTIONS
- ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET MUST BE REFERRED TO THE IRRIGATION CONSULTANT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK
- ALL 24 VOLT WIRE SHALL BE #12 UFIL FOR COMMON WIRE, AND #14 UFIL FOR CONTROL WIRES, DIRECT BURIAL, SOLID COPPER
- CONTRACTOR TO BE RESPONSIBLE FOR PROPER COVERAGE OF AREAS TO BE WATERED, I.E. ADJUST HEADS WITH INSUFFICIENT COVERAGE DUE TO BLOCKAGE BY EXISTING OR PROPOSED SITE FEATURES
- CONTRACTOR TO REFER TO LANDSCAPE PLAN TO KEEP SPRINKLER EQUIPMENT AND ACCESSORY MATERIAL FROM INTERFERING WITH PROPER PLANTING, I.E. VERIFY ROOTBALL SIZE FOR PLANTING
- CONTRACTOR SHALL PROVIDE EXPANSION COLLS AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 3/4" PIPE 3 TIMES)
- CONTRACTOR TO UTILIZE APPROPRIATE AUTOMATIC DRAIN DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR
- ALL MATERIAL TO BE SUPPLIED BY CONTRACTOR TO OWNER
 - TWO WRENCHES FOR DISASSEMBLING AND ADJUSTING EACH TYPE OF SPRINKLER HEADS AND VALVE SUPPLIED.
 - TWO KEYS FOR EACH OF THE AUTOMATIC CONTROLLERS
 - TWO QUICK COUPLER KEYS WITH MATCHING HOSE BUEVELS
- 24 VOLT WIRE SHALL BE COLOR CODED, COMMON-WHITE, CONTROL-RED
- CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE
- ELECTRIC VALVE CONTROL WIRE TO BE 14 GAUGE MINIMUM, IRRIGATION CONTRACTOR MUST PLACE ONE EXTRA "HOT" WIRE AND ONE EXTRA "COMMON" AT FURTHEST VALVE IN EACH DIRECTION FROM CLOCK
- ALL MAIN LINES SHALL BE INSTALLED A MAXIMUM OF 2' FROM THE BACK OF CURBS WHERE POSSIBLE, LATERAL LINES SHALL BE INSTALLED LIKEWISE WHERE POSSIBLE
- ACTUAL HEAD PLACEMENT IN PARKING LOT ISLANDS IS TO BE 10' FROM BACK OF CURB FOR SHRUB PLANTINGS AND 61" FROM BACK OF CURB FOR LAWNS
- THE CONTRACTOR SHALL ADJUST THE RADIUS AND ARC OF EACH HEAD TO MINIMIZE "OVERTHROW" AND TO ELIMINATE "DRY SPOTS"
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ADDITIONAL HEADS NEEDED TO COVER "DRY SPOTS" OR SLIGHT VARIATIONS FROM THE PLAN TO THE SITE UP TO FIVE % OF SPECIFIED HEAD TYPE, THE LOCATION AND ARRANGEMENT OF THESE HEADS SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE DESIGNER
- DO NOT MAKE SUBSTITUTIONS, IF CONTRACTOR DESIRES TO MAKE SUBSTITUTIONS OF MATERIALS SUFFICIENT DESCRIPTIVE LITERATURE AND MATERIAL SAMPLES MUST BE FURNISHED TO ESTABLISH THE MATERIAL AS AN EQUAL SUBSTITUTE, IN ADDITION, THE CONTRACTOR MUST STATE HIS REASONS FOR DESIRING SUBSTITUTE MATERIALS, SUBMIT THIS REQUEST AND INFORMATION TO LANDSCAPE DESIGNER

NOTES CONTINUED

- IRRIGATION CONTRACTOR TO REVIEW FINAL GRADING PLAN FOR FINISHED GRADE CHANGES AND POTENTIAL PROBLEMS, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY.
- IRRIGATION CONTRACTOR TO PERMANENTLY MARK ALL IRRIGATION LINES WITH RED/WHITE TAPE, BEGIN AT THE CONTROL VALVE AND CONTINUE TO THE END OF THAT LINE FOR EVERY CONTROL VALVE, ALSO MARK IN THE SAME MANNER BEGINNING AT THE BACKFLOW VALVE AND RUN IN ALL MAINLINE TRENCHES INCLUDING ANY WIRE TRENCHES THAT MAY BE SEPERATE FROM THE MAINLINE, WITH ANY NEW ROLL OF WIRE START OR BROKEN WIRE, IT MUST BE REPAIRED A MULETAPE WIRE CONNECTOR TRACE SAFE WATER BLOCKING NUMBER, T-5 (B), T-5 (S), T-5 (R), T-5 (L), T-5 (R), T-5 (L) AND COVERED WITH AN EGONO VALVE BOX OR 12X INCH BOX IF NECESSARY, THERE WILL BE NO EXCEPTIONS TO THIS SPECIFICATION
- USE WATER BLOCKING CONNECTOR AT THE START OF A RUN, MAINLINE INSTALLATION, AND EACH LATERAL LINE
- IRRIGATION CONTRACTOR TO FOLLOW ALL MANUFACTURERS GUIDELINES
- ALL HEAD LOCATIONS TO BE STAKED AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION
- ALL ROTOR HEADS TO BE INSTALLED ON SWING JOINTS, WHEN RAINY PIPE FOR SPRAY HEADS IS USED, A MARLEX ELL, AND A BARB ELL ARE REQUIRED
- ALL SLEEVES TO BE INSTALLED AS PART OF THE BASE BID
- SOLVENT AND PRIMER TO BE IP6 - 111 OR APPROVED EQUAL, WHEN TEMPERATURES ARE BELOW 40 DEGREES FAHRENHEIT, IP6 - 111 SOLVENT AND IP6 - 10 PRIMER TO BE USED, NO PIPE TO BE GLUED WHEN TEMPERATURES ARE BELOW 32 DEGREES FAHRENHEIT



PROJECT NO.	
SCALE:	1"=10'
DATED:	07.01.16
DRAWN BY:	cdh
REVISIONS:	

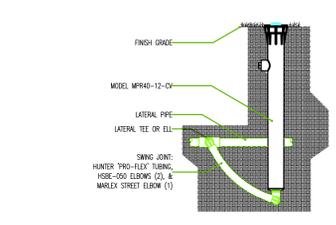
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BOSTICK LANDSCAPE ARCHITECTS

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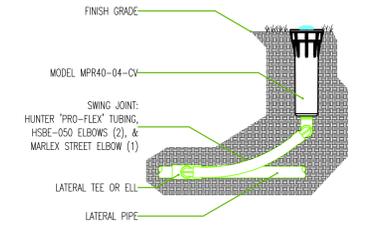
NOTES

- NOTE: EXCEPT FOR OBVIOUS CROSSINGS, PIPE IS IN PAVING OR OUTSIDE OF PROPERTY LINE FOR GRAPHIC CLARITY ONLY.
- ALL WORK SHALL BE DONE WITHIN PROPERTY LINES. CONTRACTOR IS RESPONSIBLE FOR LOCATING THESE TO AVOID DAMAGE TO THEM.
- CONTRACTOR SHALL INSTALL AUTOMATIC DRAIN VALVES AT ALL LOW POINTS IN SYSTEM.
- ALL HEADS IN SHRUB BEDS SHALL BE INSTALLED ON 12" HIGH POP HEADS.
- IRRIGATION NOTES**
1. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THERE ARE OTHER ACTIVE UTILITIES AND SERVICES IN AND AROUND THE SITE. CONTRACTOR IS RESPONSIBLE FOR LOCATING THESE TO AVOID DAMAGE TO THEM.
 2. THE CONTRACTOR SHALL MAKE ANY NECESSARY ADJUSTMENTS IN THE PROPOSED IRRIGATION SYSTEM TO AVOID DAMAGE TO EXISTING STRUCTURES, PAVING, AND UTILITIES.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ON-SITE UTILITIES, STRUCTURES, OR PAVING RESULTING FROM IRRIGATION CONSTRUCTION.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMING TO ALL CODES AND ORDINANCES RELEVANT TO THE WORK UNDER THIS CONTRACT.
 5. ALL WORK, ADJUSTMENTS, AND INSPECTIONS SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS AND LABOR TO FULLY EXECUTE AND GUARANTEE, AS REQUIRED, THE TOTAL WORK SHOWN ON THIS PLAN IN ACCORDANCE WITH SPECIFICATIONS, AND ALSO AS PER INSTRUCTIONS OF THE LANDSCAPE DESIGNER AND THE OWNER.
 7. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES TO ASSURE ADEQUATE INSTALLATION OF THE SYSTEM.
 8. THE LOCATION OF THE AUTOMATIC CONTROL CLOCK IS GENERALLY INDICATED ON THE DRAWING AND WILL BE SPECIFICALLY LOCATED ON-SITE BY THE LANDSCAPE ARCHITECT OR OWNER.
 9. LINE LOCATIONS AS INDICATED ON THE PLAN ARE SCHEMATIC. THE CONTRACTOR SHALL LOCATE ALL LINES IN SUCH A WAY AS TO CAUSE THE LEAST CONFLICT WITH THE LOCATION OF PROPOSED PLANT MATERIALS (AS SHOWN ON THE LANDSCAPE PLANTING PLAN) AND OTHER SITE AMENITIES.
 10. ALL MAIN LINES SHALL BE INSTALLED A MAXIMUM OF 2' FROM THE BACK OF CURBS WHERE POSSIBLE. LATERAL LINES SHALL BE INSTALLED LIKEWISE WHERE POSSIBLE.
 11. ALL MAIN LINES SHALL BE INSTALLED AT A MINIMUM OF 18" DEEP AND ALL LATERAL LINES SHALL BE INSTALLED AT A MINIMUM OF 12" DEEP.
 12. ACTUAL HEAD PLACEMENT IN PARKING LOT ISLANDS IS TO BE 18" FROM BACK OF CURB FOR SHRUB PLANTINGS AND 6" FROM BACK OF CURB FOR LAWNS.
 13. THE CONTRACTOR SHALL ADJUST THE RADIUS AND ARC OF EACH HEAD TO MINIMIZE "OVERSPRAY" AND TO ELIMINATE "DRY SPOTS".
 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ADDITIONAL HEADS NEEDED TO COVER "DRY SPOTS" OR SLIGHT VARIATIONS FROM THE PLAN TO THE SITE. THE LOCATION AND ARRANGEMENT OF THESE HEADS SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE DESIGNER.
 15. THE ELECTRIC SUPPLY WILL BE STUBBED OUT AT THE CONTROL CLOCK LOCATION BY OTHERS. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL CONNECTIONS FROM CONTROL VALVES TO THE CONTROL CLOCK.
 16. THE ENTIRE SYSTEM SHALL BE UNCONDITIONALLY GUARANTEED BY THE IRRIGATION CONTRACTOR AGAINST ALL DEFECTIVE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL ACCEPTANCE.

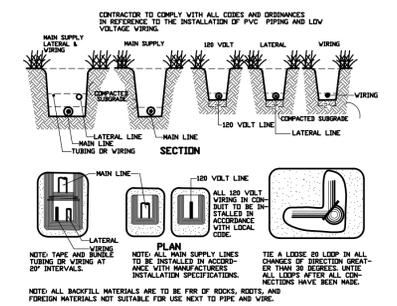
- SLEEVING NOTES**
1. THE LOCATIONS OF SLEEVES, AS SHOWN ON THIS PLAN, ARE SCHEMATIC. THE CONTRACTOR SHALL MAKE ANY ADJUSTMENT NECESSARY TO ACCOMMODATE EXISTING VEGETATION, UTILITIES, NATURAL BARRIERS OR OTHER MAJOR CONSTRUCTION.
 2. ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, OR OTHER CONSTRUCTION RESULTING FROM INSTALLATION OF SLEEVES IS THE RESPONSIBILITY OF THE CONTRACTOR.
 3. WHERE A JOINT BETWEEN PIPE SECTIONS IS NECESSARY, THE INSIDE DIAMETER OF THE PIPE SHALL NOT BE SIGNIFICANTLY REDUCED.
 4. P.V.C. SLEEVES SHALL BE INSTALLED AT A DEPTH OF AT LEAST 18" BELOW PAVEMENT SURFACE, AND NO DEEPER THAN 24". END OF SLEEVE SHALL EXTEND 12" BEYOND CURB OR PAVEMENT EDGE.
 5. BACKFILL MATERIAL PLACED AROUND THE SLEEVES SHALL BE FREE OF ROCKS OR OTHER FOREIGN MATTER THAT MAY CAUSE DAMAGE TO THE PIPE.
 6. THE CONTRACTOR SHALL INSTALL A P.V.C. STUB THAT IS AT LEAST 18" ABOVE GRADE AT EACH END OF THE SLEEVE TO MARK ITS EXACT LOCATION. IRRIGATION SLEEVES SHALL BE INDICATED WITH BLUE RIBBON. ELECTRICAL SLEEVES SHALL BE INDICATED WITH ORANGE RIBBON. SEE SLEEVING DETAIL.
 7. ONCE THE SLEEVE IS INSTALLED, THE CONTRACTOR SHALL INSTALL A TEMPORARY CAP ON EACH END OF THE PIPE ACCORDING TO THE DETAIL TO PREVENT SOIL OR OTHER DEBRIS FROM ENTERING THE PIPE.
 8. ALL MODIFICATIONS OF THIS PLAN ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE DESIGNER.
 9. THE CONTRACTOR SHALL SUPPLY THE LANDSCAPE ARCHITECT WITH AN "AS-BUILT" PLAN OF THE LOCATION OF ALL SLEEVES PRIOR TO ACCEPTANCE OF WORK.
 10. SLEEVES ARE 4" UNLESS OTHERWISE NOTED ON PLAN.
 11. ALL SLEEVES SHALL BE CLASS 200 P.V.C. PIPE.



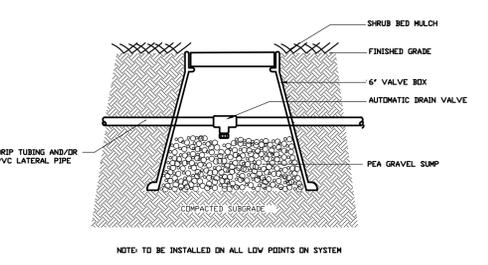
1 SHRUB MP ROTATOR SPRINKLER DETAIL



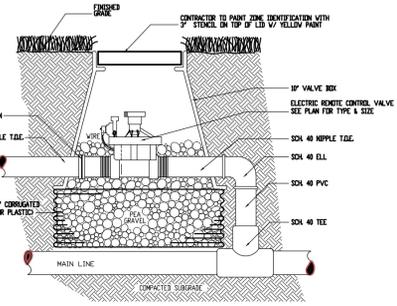
2 LAWN MP ROTATOR SPRINKLER DETAIL



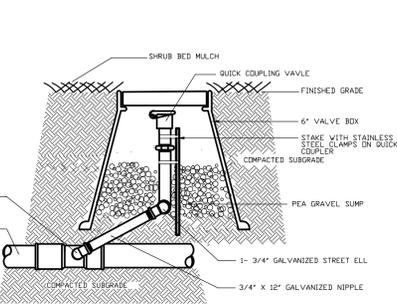
3 TRENCHING DETAIL



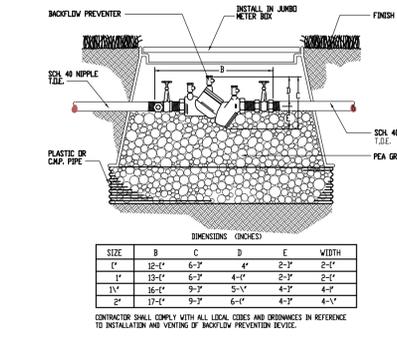
4 AUTOMATIC DRAIN VALVE DETAIL



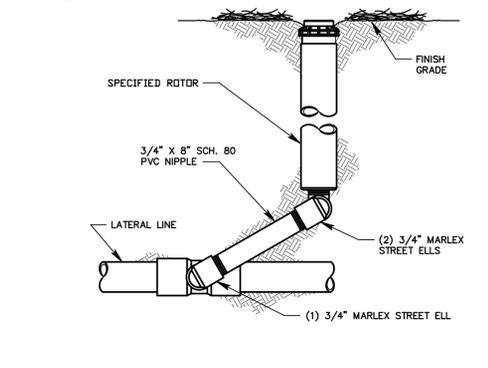
5 CONTROL VALVE DETAIL



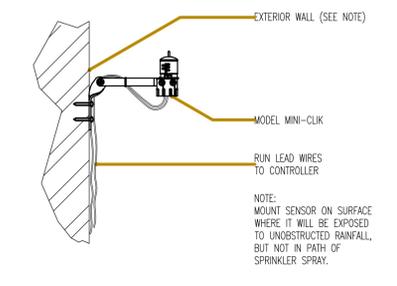
6 QUICK COUPLING VALVE DETAIL



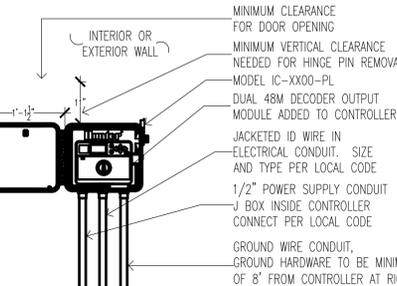
7 BACKFLOW PREVENTER DETAIL



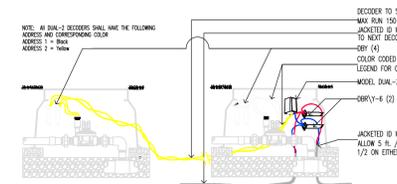
8 ROTOR DETAIL



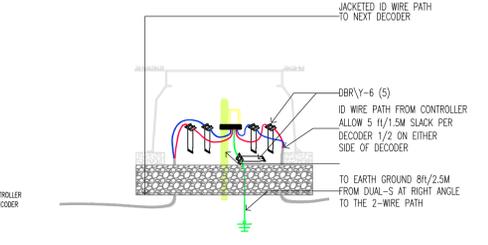
9 HUNTER MINI CLIK DETAIL



10 HUNTER I-CORE DETAIL



11 DECODER DETAILS



12 GROUNDING DETAIL



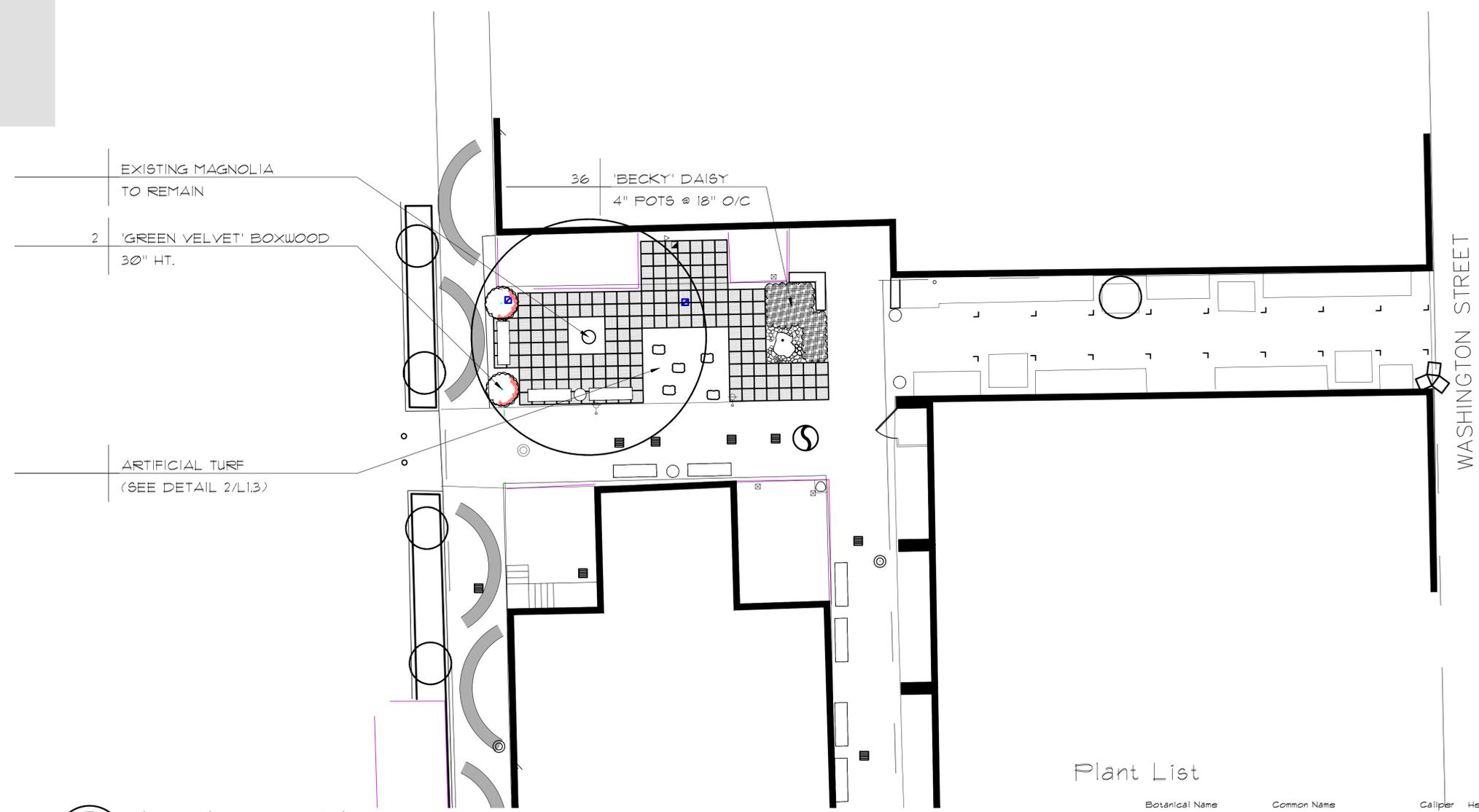
BOSTICK
 LANDSCAPE ARCHITECTS
 Huntsville, Alabama 35801
 413 Homewood Drive
 256.361.1984
 www.bosticklandscapearchitects.com

Landscape Plan
Washington Park
 Huntsville, Alabama 35801

PROJECT NO:
 SCALE: 1"=10'
 DATED: 07.01.16
 DRAWN BY: cdb
 REVISIONS:

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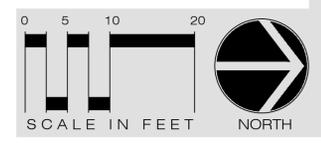
1
 L3.1
 Landscape Plan
 1"=10'

NOTE: LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE REMAINING DEMOLITION AND STUMP REMOVAL IN PROPOSED LANDSCAPE AREAS.

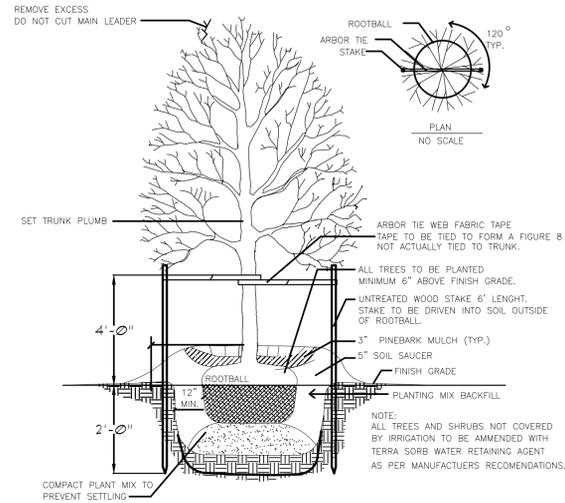
NOTE: LANDSCAPE CONTRACTOR IS TO CONTACT LANDSCAPE ARCHITECT IF CONFLICT EXIST WITH SITE LIGHTING, MECHANICAL UNITS OF UTILITIES TO COORDINATE CHANGES WITH PROPOSED LANDSCAPE. IF SITE CONDITIONS EXIST SUCH AS LOW AREAS WHERE WATER MAY STAND OR OTHER CONDITIONS THAT AFFECT THE LONG TERM SURVIVAL OF NEW LANDSCAPE LANDSCAPE CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT TO COORDINATE CHANGES FROM THE PLAN. IF THESE CONDITIONS ARE NOT COORDINATED DURING CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR RELOCATING NEW MATERIAL AT DIRECTIVE OF LANDSCAPE ARCHITECT AT TIME OF PUNCHLIST.

Plant List

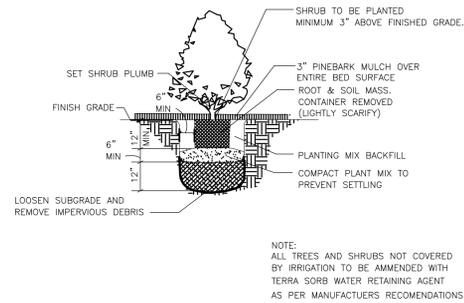
Botanical Name	Common Name	Calliper	Height	Spread	Rootball/Size	Spacing	Comments
SHRUBS							
Buxus Microphylla 'Green Velvet'	'Green Velvet' Boxwood		15"	15"	3 Gal. @ 4'-0" O/C		Full Plant
MISC.							
Leucanthemum x superbum 'Becky'	'Becky' Daisy		6"	6"	4" Pots @ 18" O/C		Full Plant



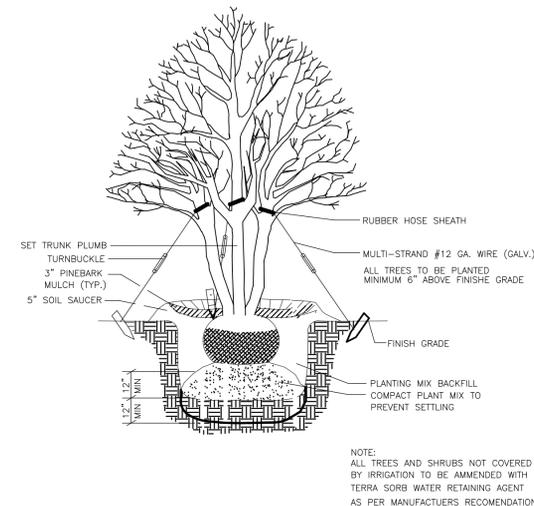
GENERAL NOTES



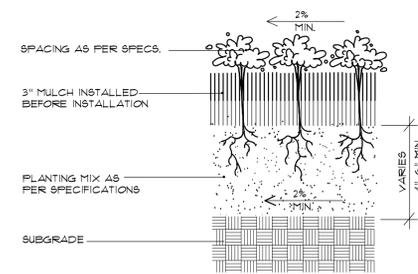
1 DETAIL TYPICAL TREE PLANTING AND GUYING
NOT TO SCALE



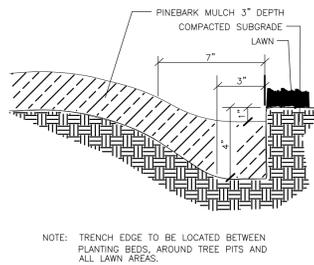
2 DETAIL TYPICAL CONTAINERIZED SHRUB PLANTING
NOT TO SCALE



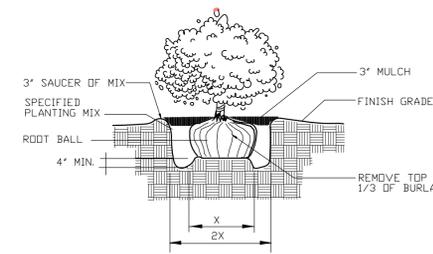
3 DETAIL MULTI-TRUNKED TREE PLANTING
NOT TO SCALE



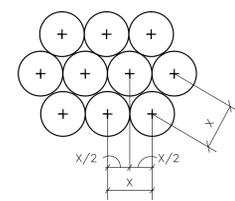
4 GROUND COVER DETAIL
NOT TO SCALE



5 TRENCH EDGER DETAIL FOR ALL BEDS
NOT TO SCALE



6 B&B SHRUB DETAIL
NOT TO SCALE



NOTES:
1. SEE PLANTING PLANS FOR SHRUB & GROUNDCOVER BED AREAS.
2. ROWS SHALL BE STRAIGHT & PARALLEL.
3. SPACING SHOWN ON PLANT SCHEDULE (X).

7 DETAIL TYPICAL STAGGERED ROW SPACING
NOT TO SCALE

CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE INSPECTION PRIOR TO LANDSCAPE CONSTRUCTION AND INSTALLATION IN ORDER TO ACQUAINT HIMSELF WITH EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION.

CONTRACTOR SHALL VERIFY PLANT COUNT FROM PLAN AND REPORT DIFFERENCES.

ALL TREES AND SPECIMEN PLANT MATERIAL SHALL BE LOCATED BY THE CONTRACTOR AT APPROVED NURSERIES OR THEIR EQUAL (SEE LIST) APPROVED PRIOR TO BIDDING.

ALL PLANT MATERIALS ARE SUBJECT TO APPROVAL OR REFUSAL BY THE LANDSCAPE ARCHITECT AT THE JOB SITE.

CONTRACTOR SHALL LAYOUT TREES AND BED LINES FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO PLANTING. A MINIMUM 24 HOUR NOTICE SHOULD BE GIVEN AND ANTICIPATED BY THE CONTRACTOR FOR THIS REVIEW.

CONTRACTOR SHALL SUPPLY AND SPREAD 4\"/>

The contractor is to source the trees specified on these drawings at the following nurseries or propagators equal nurseries. Nurseries of equal quality trees must be approved prior to bidding. The Landscape Architect will consider alternate growers only if submitted with photographs of each tree, grower name, contact, address, and phone number 7 days or more prior to bid date. The Landscape Architect will tentatively accept (subject to tagging) or reject alternate growers within (5) five days of date submitted. Landscape Contractor must have written conditional acceptance from Landscape Architect of any proposed alternate growers to submit with Bid Package, otherwise, substitutions will not be permitted. Substitutions from the specified plant list will be accepted only when satisfactory evidence in writing is submitted to the Landscape Architect prior to submitting bid tree list, showing that the material is not available. This list shall be submitted prior to submitting bid.

- (1) Request for approval of substitute plant material shall include common and botanical names, and the size of substitution material.
- (2) Only those substitutions of at least equivalent size and having essential characteristics similar to the originally specified materials will be approved. The Landscape Architect will issue in acceptance or rejection of substitute plant material in writing.

The following reputable nurseries are provided to establish the minimum quality level that will be acceptable and are not intended to imply that these are the only sources for trees.

All trees will be tagged by the Landscape Architect at one of the following listed nurseries or equal contingent upon approval by the Landscape Architect prior to submitting bids. See Specification section 0290 for basis of approval.

The Landscape Contractor will be responsible for all expenses related to tagging trips to all growers including usual fees charged by the Landscape Architect. The Landscape Contractor shall provide the Landscape Architect a minimum of THREE WEEKS advance notice. Landscape Contractor shall limit tagging trips to no more than two at a maximum of two days each. All tagging trips will be completed within 45 days from date contract is awarded to Landscape Contractor. The Landscape Contractor should anticipate accompanying the Landscape Architect on the tagging trips but is not required to do so.

Trees are not to be sourced from Warren County, Tennessee as approved equals. Tagging trips to Warren County will be entirely at the contractors expense and will be paid in advance for BLA's time.

Ray Broken Nursery, Inc. Rt. 9 Box 1698 Eastley, SC 29640 (803) 562-4324	Mid Georgia Nursery 227 Rose Hill Road Meansville, Georgia (770) 567-3874
Charles' Creek Nursery P.O. Box 669 Iva, SC 29655 (864) 348-7849	BoShorCee Nursery 214 County Lake Rd. New Market, AL 35761 256-379-3826
Hawkersmith & Sons Nursery Rt. 4 Box 4159 Birmingham, TN 37388 (931) 455-5436	Hunter Trees P.O. Box 382733 Birmingham, AL 35238 1.866.348.6837
Select Trees P.O. Box 6871 Athens, GA 30604 (706) 769-9879	Cherry Lake 7026 Cherry Lake Road Groveland, Florida 34736 (800) 429-2171
Plantation Tree Company Rt. 3 Box 198 Selma, AL 36701 (334) 875-9176	

BOSTICK
LANDSCAPE ARCHITECTS
Huntsville, Alabama 35801
413 Homewood Drive
256.361.1984
www.bosticklandscapearchitects.com

Landscape Details
Washington Park
Huntsville, Alabama 35801

PROJECT NO:	
SCALE:	n.s.
DATED:	07.01.16
DRAWN BY:	cdh
REVISIONS:	

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