

October 23, 2020

City of Prattville, Alabama 101 West Main Street Prattville, Alabama 36067

RE: Mac Gray Park 2020 Improvements EOS Project No. PV-20110

ADDENDUM No. 2

The changes, modifications and / or additions covered by and set forth in this Addendum No. 1 shall become part of and be incorporated into the Specifications, Contract Documents, and Bid Documents for the above referenced project.

GENERAL

- 1. City of Prattville Building Permit is required. However, the Owner will waive all permit fees.
- 2. The Owner will furnish all the base pads.
- 3. The Owner will furnish the propane tank for the storage building.
- 4. The Sports Field Lighting System (Specification Section 26 56 68) shall be by Musco Sports Lighting LLC only. It shall be Owner provided, contractor installed. The contractor shall include in his bid all costs for accepting the delivery of equipment and miscellaneous materials. The Owner provided equipment includes: light structure luminaires, light poles, precast concrete foundations with integrated grounding, Sports Filed Lighting control and monitoring cabinet and Musco 25 year warranty. All items not in this list shall be provided by the contractor.
- 5. Section 00 43 22 Unit Prices Form, Extra Unit Price Item 17 Topsoil This item refers to topsoil that is imported.
- 6. Steps within the Concessions Building are to be wood.
- 7. Specification Section 08 56 19: Window Details A and B Weiland Sliding Doors and Anderson Doors and Windows are the same company. The website address https://weilandslidingdoors.com/ takes you to the Anderson Doors and Windows website
- 8. Substitution requests attached (3 total).

SPECIFICATIONS

Delete the following Specification Sections and replace in their entirety: SECTION 00 43 33 – PROPOSED PRODUCTS FORM

SECTION 00 21 13 – INSTRUCTIONS TO BIDDERS

1. Delete the first two (2) sentences of the first paragraph of Item 3. PREPARATION OF BID and replace with:

Each Bid must be submitted with the following forms: Bid Security Form, Proposal Form, Unit Prices Form, Proposed Products Form & Proposed Subcontractors Form.

Section 00 43 24 – BASIS OF PAYMENT

1. ITEM 2 – MAC GRAY PARK 2020 IMPROVEMENTS: Delete in its entirety and replace with the following:

The Contract Lump Sum Price shall be the furnishing of all labor, materials, and equipment necessary to complete the Mac Gray Park 2020 Improvements excluding the work and materials listed in all other items. This includes, but is by no means limited to, excavation, crushed stone foundation, manholes, valve vault, backfill, compaction, piping, valves, concrete paving, asphalt paving, fencing, gates, all gravity sewer, all manholes, all storm pipes, all storm inlets, all storm headwalls, pipe bedding, pressure testing, air testing, water service (including all Prattville Water Works fees and charges), landscaping, electrical, Concessions Building, softball fields, playground equipment, sports field lighting (materials provided by Owner), PA systems, CCTV systems, HVAC, plumbing, site lighting, excluding items to be provided by the Owner, to the extent shown on the Plans and required to construct a complete and properly functioning improvements project in complete accordance with the Plans, Specifications and Contract Documents.

<u>PLANS</u>

Delete the following drawings (Sheet #) and replace in their entirety:

SP1.0 (#24) SP2.1 (#26) SP2.2 (#27) SP2.3 (#28) SP2.5 (#30) SP3.1 (#31) A1.1 (#40) A2.1 (#41) E0.2 (#65) E1.4 (#75)

Dwg No 50-C-10:

1. Replace all references to PVC with DI

Dwg No 50-C-11:

1. Replace all references to PVC with DI

This Addendum No. 2 shall be attached to the front of your set of Specifications and made a part of the Specifications and Contract Documents. Acknowledgement of Receipt of Addendum No. 2 shall be returned via facsimile or email to our office.

ENGINEERS OF THE SOUTH, LLC

Greg Thompson, PE

SECTION 00 43 33 – PROPOSED PRODUCTS FORM

CITY OF PRATTVILLE, AL MAC GRAY PARK 2020 IMPROVEMENTS

Contractors submitting a proposal are required to fully complete the following list of Material Suppliers and Equipment Manufacturers for their Bid. If this information is not clearly and properly provided, this will be grounds for the Owner to disqualify the Bidder for not being responsive. When a single Material Supplier or Equipment Manufacturer is listed as the "Base", the Contractor shall furnish that Material Supplier and/or Equipment Manufacturer. When two or more Materials Suppliers and/or Equipment are listed as the "Base", the Contractor must circle the Material Supplier or Equipment Manufacturer to be furnished under the Base Bid Unit Price Schedule proposal. In every case, only one Material Supplier or Equipment Manufacturer shall be circled or listed for each material or equipment items. Unless a substitute is accepted as outlined below, the Contractor shall furnish and install the product of the Material Supplier or Equipment Manufacturer as he indicates herein.

Where the List of Material Suppliers and Equipment Manufacturers provides for substitute material suppliers and/or equipment manufacturers, the Bidder may, but is not required to, write in or circle a substitute material supplier or equipment manufacturer. The bidder shall write in the amount of price reduction for the use of each such substitute indicated. In every case, only one substitute Material Supplier or Equipment Manufacturer shall be written in or circled for each material or equipment item. The Contractor must provide submittal data detailing the substitute offering for comparison to the specifications. When a substitute Material Supplier or Equipment Manufacturer is offered by the Contractor and accepted by the Owners, the Contractor shall furnish and install the product of that Material Supplier or Equipment Manufacturer.

<u>The award of the Contract will be based on the Contractor's completed Material Supplier(s)</u> and/or Equipment Manufacturer(s) unless there are provisions for alternate deducts in the Basis of <u>Payment and Unit Price Schedules</u>. No substitute equipment or material shall be accepted unless it is approved by the Owner. The Contractor shall furnish and install the base materials or equipment he has indicated for any or all of the substitutes rejected.

If the information required above is not clearly and properly provided, this will be grounds for rejecting that bidder. Failure to furnish and install the indicated base or indicated and approved substitute material and equipment from the suppliers and manufacturers shall constitute default of the Contract.

The Bidder further certified that if his bid is accepted, the Material Suppliers and Equipment Manufacturers he has indicated herein will be awarded contracts for supply of their products unless deductive alternates are provided as specified herein and approved by the Owner. The Bidder further certifies that deductive alternate Material Suppliers and Equipment Manufacturers he has properly indicated that are approved by the Owner will be awarded contracts for supply of their products.

Contractor _____ By _____

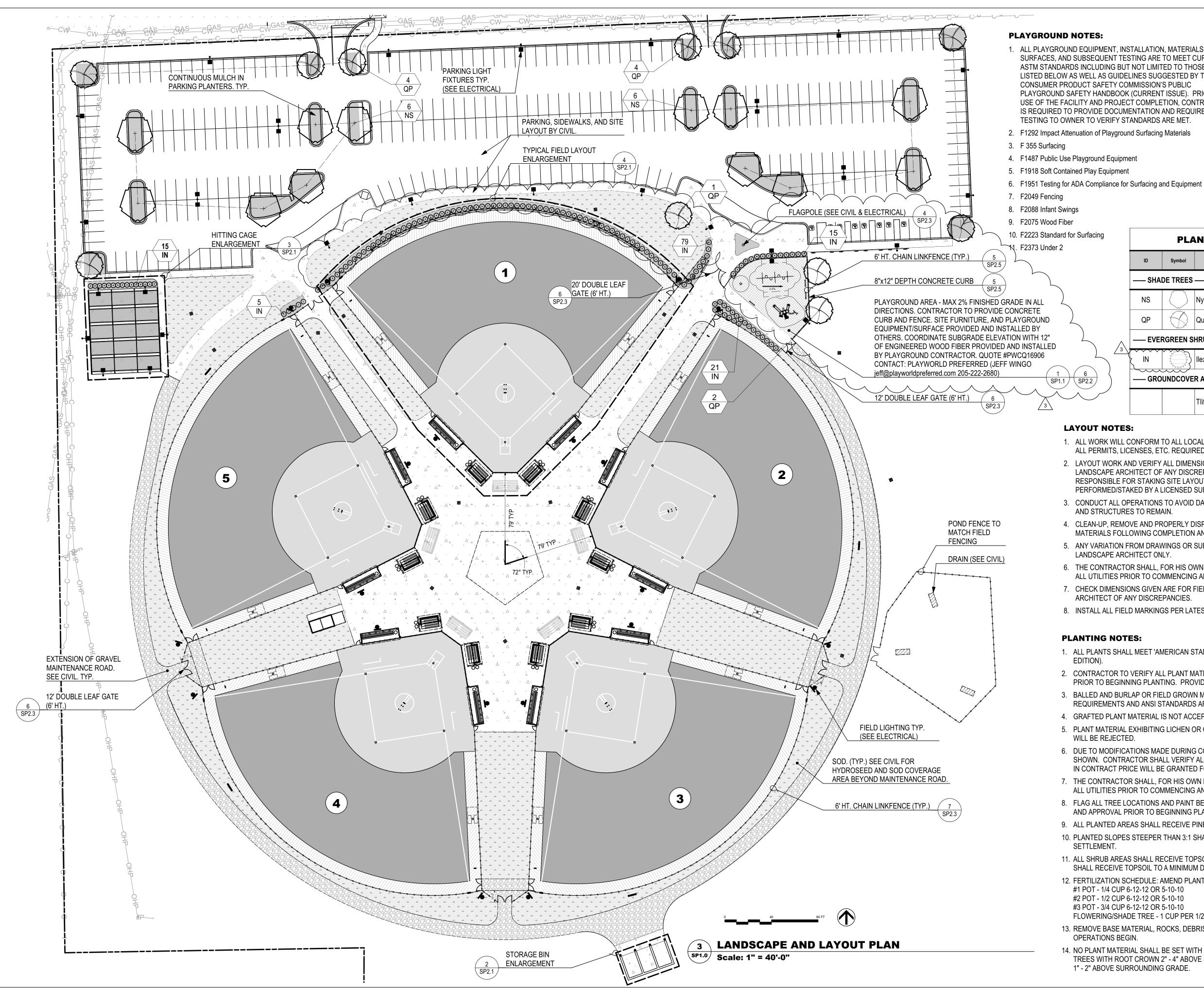
Date _____

LIST OF MATERIAL SUPPLIER(S) AND EQUIPMENT MANUFACTURER(S) BASE BID ITEMS

Material or Equipment

Name of Supplier or Manufacturer (Circle One)

1.	Section 07 46 46 – Fiber Cement Siding	
Base:	James Hardie	
Alterna	.te:	Deduct: \$
2.	Section 32 18 23.27 – Athletic Sodding	
	Section 32 18 23.27 – Athletic Sodding South Dallas Turf Farm, Inc.	



SURFACES, AND SUBSEQUENT TESTING ARE TO MEET CURREN ASTM STANDARDS INCLUDING BUT NOT LIMITED TO THOSE LISTED BELOW AS WELL AS GUIDELINES SUGGESTED BY THE U.S. PLAYGROUND SAFETY HANDBOOK (CURRENT ISSUE). PRIOR TO USE OF THE FACILITY AND PROJECT COMPLETION, CONTRACTOR IS REQUIRED TO PROVIDE DOCUMENTATION AND REQUIRED



1914 28TH AVE SOUTH; BIRMINGHAM, AL 35209 205-870-9936 | HNPSITEPLAN.COM

	PLANT LEGEND WITH SYMBOLS							
	ID	Symbol	Botanical Name	Root	Scheduled Size	Spacing		
	—— SHAI	DE TREES						
·	NS		Nyssa sylvatica	B&B	2 - 2.5" Cal.	AS SHOWN		
	QP	\bigcirc	Quercus phellos	B&B	2 - 2.5" Cal.	AS SHOWN		
$\sqrt{3}$	—— EVERGREEN SHRUBS ——							
<u> </u>			llex cornuta 'Needlep	Cont.	18" - 24" ht.	4'-0" O.C.		
	GRO	UNDCOVE	R AND TURFGRASS					
			Tlifway 419	SOD				

1. ALL WORK WILL CONFORM TO ALL LOCAL, COUNTY AND STATE CODES AND REGULATIONS. OBTAIN ALL PERMITS, LICENSES, ETC. REQUIRED FOR EXECUTION OF WORK.

2. LAYOUT WORK AND VERIFY ALL DIMENSIONS PRIOR TO ACTUAL CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BEFORE CONTINUING WORK. CONTRACTOR RESPONSIBLE FOR STAKING SITE LAYOUT, GRADES, AND LIMIT OF WORK. THE WORK SHALL BE PERFORMED/STAKED BY A LICENSED SURVEYOR.

3. CONDUCT ALL OPERATIONS TO AVOID DAMAGE TO OR DISTURBANCE OF EXISTING VEGETATION AND STRUCTURES TO REMAIN.

4. CLEAN-UP, REMOVE AND PROPERLY DISPOSE OF ALL DEBRIS, WASTE AND EXCESS CONSTRUCTION MATERIALS FOLLOWING COMPLETION AND LEAVE NEAT, CLEAN READY FOR OWNER'S USE. 5. ANY VARIATION FROM DRAWINGS OR SUBSTITUTIONS IN MATERIALS WITH THE APPROVAL OF THE

LANDSCAPE ARCHITECT ONLY.

6. THE CONTRACTOR SHALL, FOR HIS OWN PROTECTION, VERIFY THE PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION.

7. CHECK DIMENSIONS GIVEN ARE FOR FIELD VERIFICATION OF LAYOUT. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

8. INSTALL ALL FIELD MARKINGS PER LATEST NFHS REGULATIONS.

1. ALL PLANTS SHALL MEET 'AMERICAN STANDARDS FOR NURSERY STOCK' (ANSI Z60.1-LATEST

2. CONTRACTOR TO VERIFY ALL PLANT MATERIAL QUANTITIES AND PLANTING AREA DIMENSIONS PRIOR TO BEGINNING PLANTING. PROVIDE QUANTITIES AS REQUIRED TO MEET DESIGN INTENT. 3. BALLED AND BURLAP OR FIELD GROWN MATERIALS THAT MEET CALIPER AND HEIGHT REQUIREMENTS AND ANSI STANDARDS ARE ACCEPTABLE.

4. GRAFTED PLANT MATERIAL IS NOT ACCEPTABLE.

5. PLANT MATERIAL EXHIBITING LICHEN OR OTHER EVIDENCE OF DISEASE IS NOT ACCEPTABLE AND

6. DUE TO MODIFICATIONS MADE DURING CONSTRUCTION, SITE CONDITIONS MAY VARY FROM THOSE SHOWN. CONTRACTOR SHALL VERIFY ALL SUCH CONDITIONS TO HIS SATISFACTION. NO CHANGE IN CONTRACT PRICE WILL BE GRANTED FOR FAILURE TO OBSERVE THIS REQUIREMENT.

7. THE CONTRACTOR SHALL, FOR HIS OWN PROTECTION, VERIFY THE PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION.

8. FLAG ALL TREE LOCATIONS AND PAINT BED LINES FOR LANDSCAPE ARCHITECT'S ON-SITE REVIEW AND APPROVAL PRIOR TO BEGINNING PLANTING OPERATIONS.

9. ALL PLANTED AREAS SHALL RECEIVE PINE STRAW TO A DEPTH OF 3" AFTER SETTLEMENT.

10. PLANTED SLOPES STEEPER THAN 3:1 SHALL RECEIVE PINE STRAW MULCH TO A DEPTH OF 3" AFTER

11. ALL SHRUB AREAS SHALL RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 8". ALL SODDED AREAS SHALL RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 4", UNLESS DIRECTED OTHERWISE.

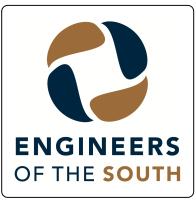
12. FERTILIZATION SCHEDULE: AMEND PLANTING MIX OF EACH PLANT WITH FERTILIZER AS FOLLOWS: #1 POT - 1/4 CUP 6-12-12 OR 5-10-10 #2 POT - 1/2 CUP 6-12-12 OR 5-10-10

#3 POT - 3/4 CUP 6-12-12 OR 5-10-10

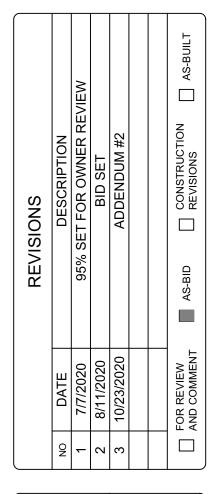
FLOWERING/SHADE TREE - 1 CUP PER 1/2" CAL. 6-12-12 OR 5-10-10

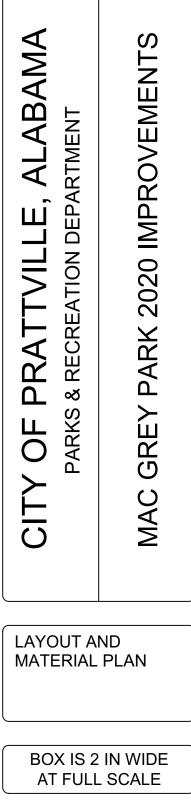
13. REMOVE BASE MATERIAL, ROCKS, DEBRIS, ETC. FROM PLANTING AREAS BEFORE PLANTING

14. NO PLANT MATERIAL SHALL BE SET WITH ROOT CROWN LOWER THAN SURROUNDING GRADE. SET TREES WITH ROOT CROWN 2" - 4" ABOVE SURROUNDING GRADE; SET SHRUBS WITH ROOT CROWN 1" - 2" ABOVE SURROUNDING GRADE.

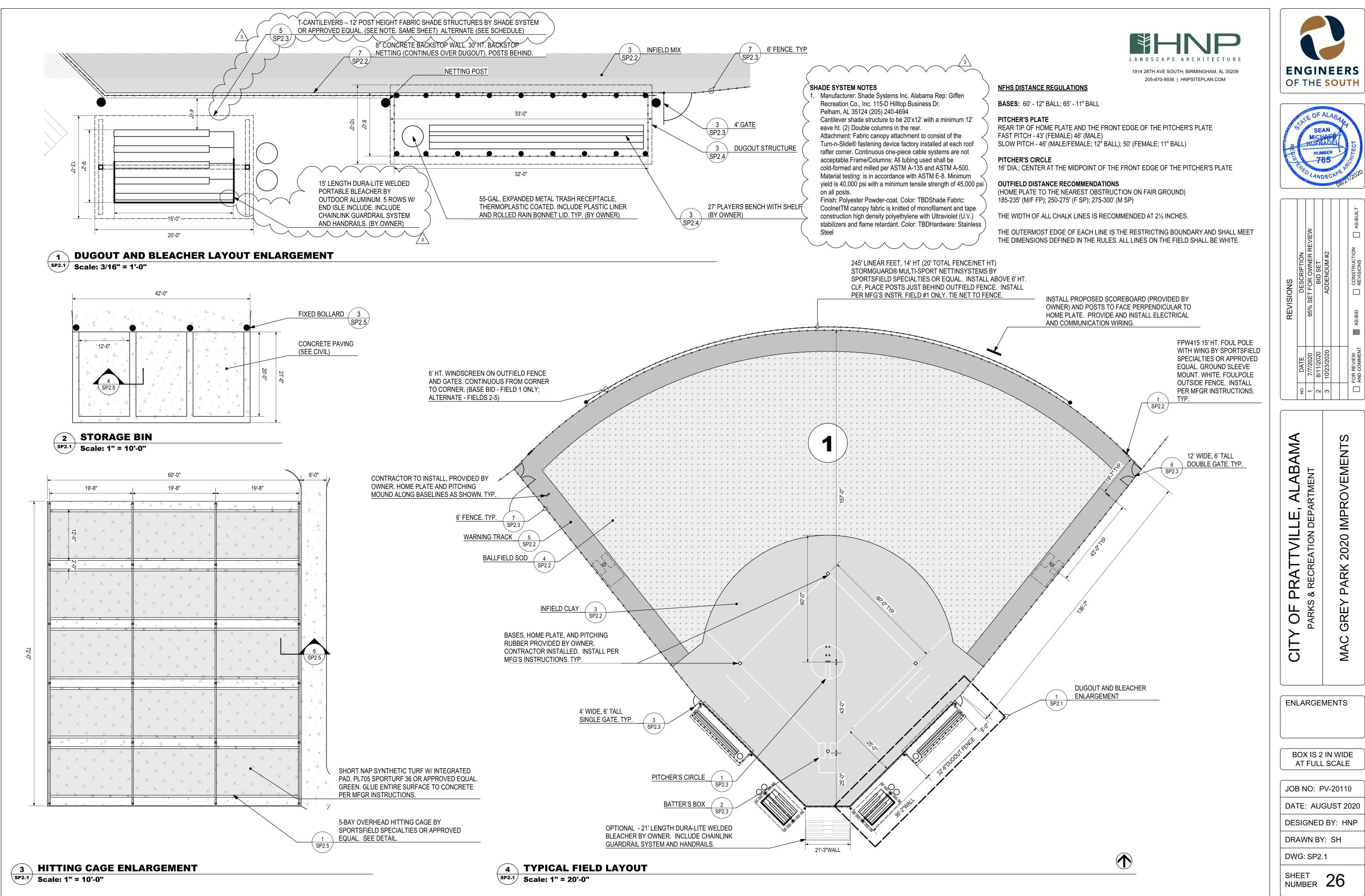




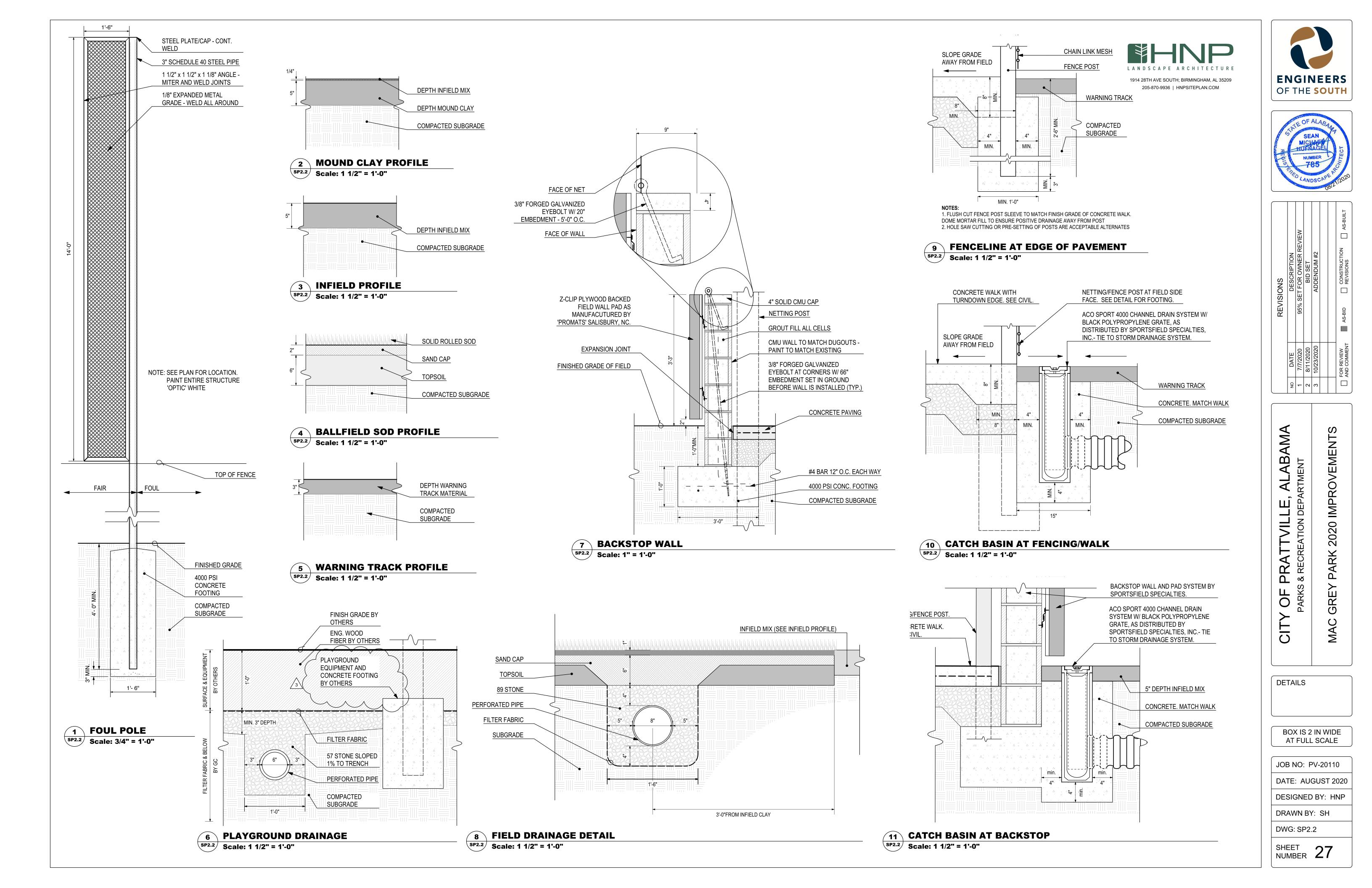


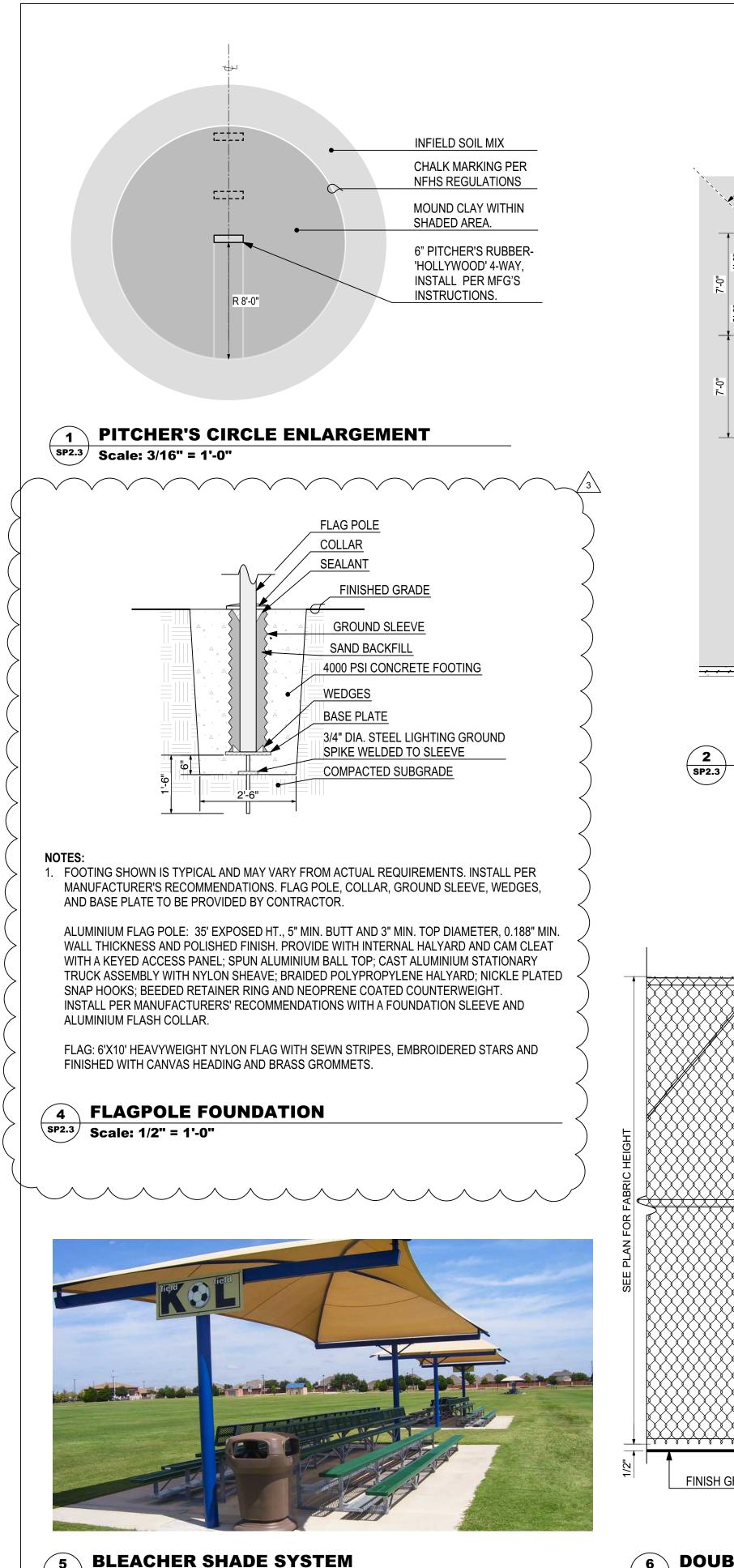


/
JOB NO: PV-20110
DATE: AUGUST 2020
DESIGNED BY: HNP
DRAWN BY: SH
DWG: SP1.0
SHEET 24

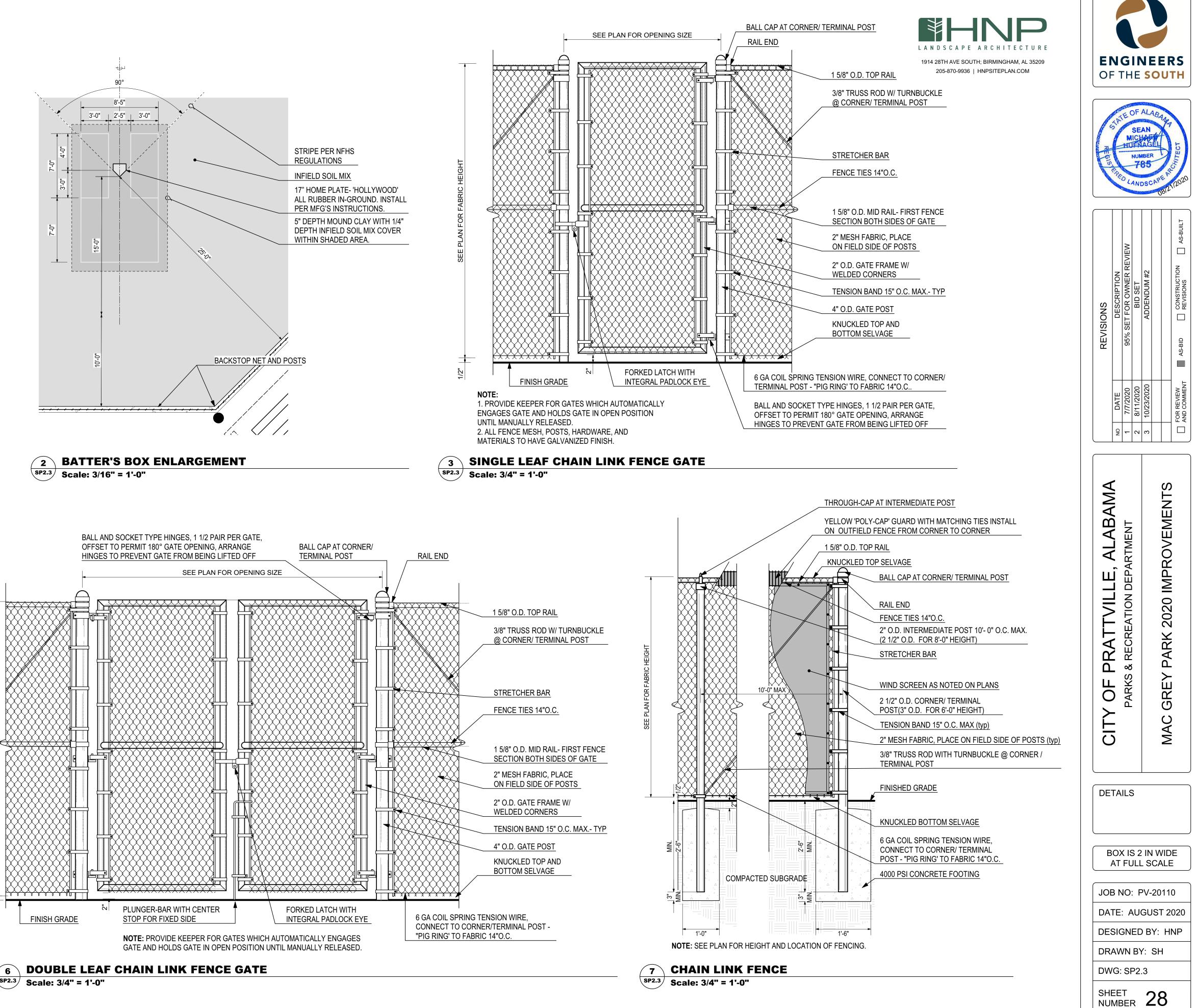




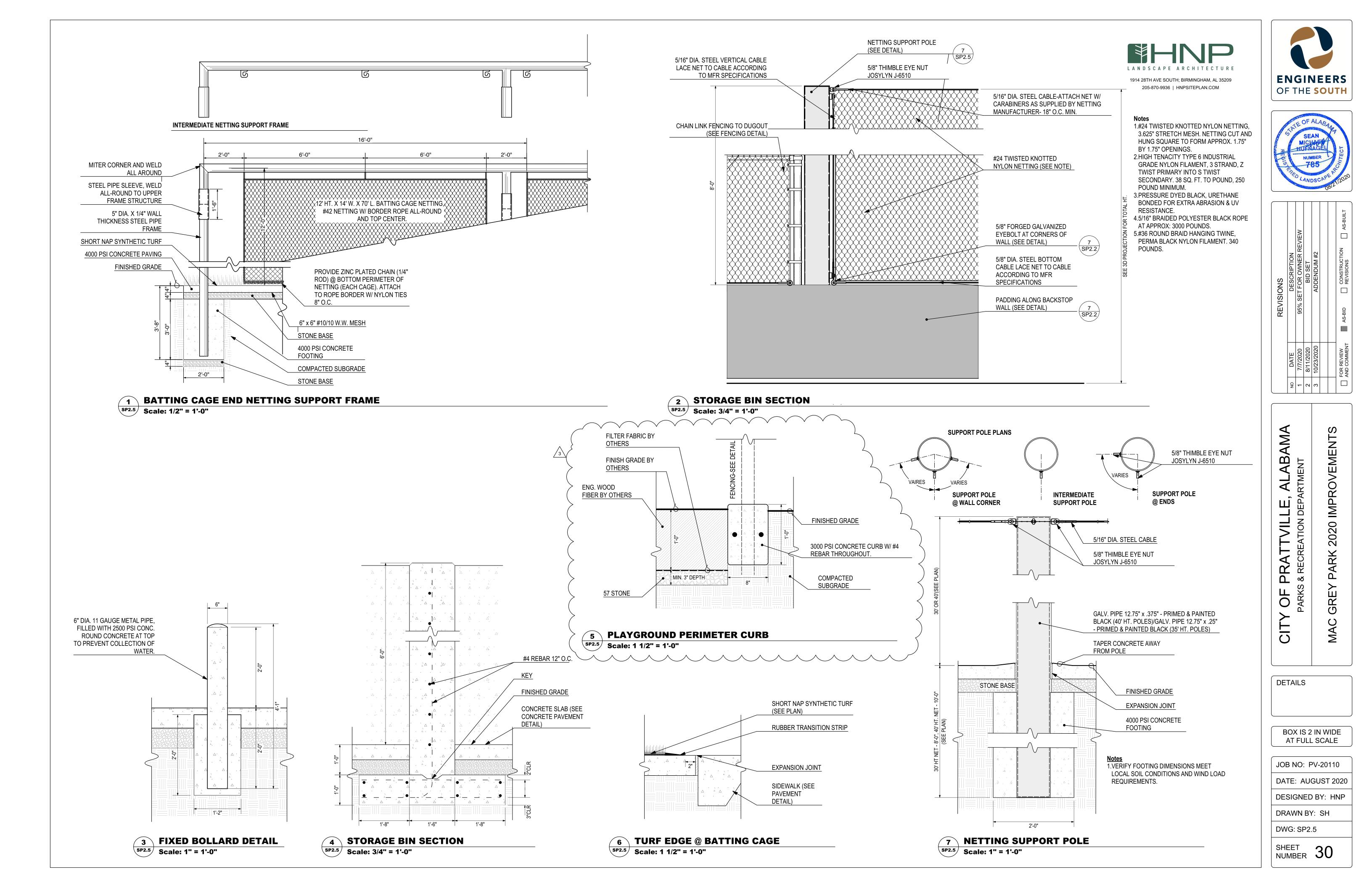




SP2.3 NOT TO SCALE



Sp2.3 Scale: 3/4" = 1'-0"



LANDSCAPE SPECIFICATIONS

PART 1 - GENERAL

- 1.1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
- 1.2. Summary:
- A. Section consists of furnishing all labor, materials, tools, tests, royalties, services and other incidentals as may be required for the good and proper completion of planting operations. In general, the Work includes ground preparation; plants and planting; guys, stakes and guying and staking; mulch and mulching; fertilizer and fertilizing; water and watering; and full maintenance.

1.3. Submittals:

- A. Product Data: Submit manufacturer's product literature, instructions and guaranteed analysis for fertilizer, lime and pre-emergent herbicide.
- B. Certificates: Deliver all certificates of inspection and show
- specific plant materials covered by each certificate.
- C. Maintenance Schedule: Submit a detailed maintenance outline and schedule for the Work of this Section. Include maintenance times and procedures to be followed by the Owner's personnel.
- D. Topsoil 1. Test Results: Submit three (3) copies and maintain one (1)
- copy of all test results on-site for reference.
- 2. Samples: If required, submit by volume three (3) one-half cubic foot samples
- each of stockpiled and imported topsoil to be used in the work. 1.4. Quality Assurance:
- A. Codes and Standards:
- 1. Comply with state and federal laws relating to inspection for disease and insect control.
- 2. Plant material guality: Conform to U.S.A. Standard for Nursery Stock, American Association of Nurserymen, Inc., latest edition.
- 3. Plant material nomenclature:
- a. Hortus Third, ed. Staff of the Liberty Hyde Bailey Hortorium, Cornell University, 1976.
- b. Names commonly used in the trade if not listed in the above standard.
- c. In all cases, botanical names take precedence over common names. 4. Perform sodding operations per Section V of Turfgrass Producers International
- (TPI) Guideline Specifications to Turfgrass Sodding, revised 1995.
- B. Site Inspection: Prior to all Work of this Section, inspect all areas affected by the Work of this Section. Check existing construction to assure proper completion of the Work of this Section. Confirm all findings requiring correction in writing. Do not proceed with Work until corrective measures have been taken. Failure of the Contractor to comply with this requirement will be construed as the Contractor having accepted existing conditions and the Contractor at no cost will make any necessary or required corrective measures to the Owner.
- 1.5. Delivery, Storage And Handling:
- A. Prior to shipment and after delivery, protect plant material from exposure to extreme heat, freezing and drying conditions. Where possible store plant material in a well-ventilated and shaded place, protected from wind and sun. Do not install material damaged during shipment or storage.
- B. Prior to shipment and after delivery, protect turfgrass from
- exposure to freezing and drying conditions
- C. An on-site storage area will be designated for the Contractor's use.
- 1.6. Job Conditions:
- A. Dust Control:
- 1. Use all means necessary to control dust on and near the Work and on and near all off-site borrow areas if such dust is caused by the Contractor's operations during performance of the Work or if resulting from the condition in which the Contractor leaves the site.
- 2. Thoroughly moisten all surfaces as required to prevent dust being a nuisance to the public and concurrent performance of other Work on the site.
- B. Protection:
- 1. Use all means necessary to protect all materials of this Section
- before, during and after installation; to protect all objects designated
- to remain, existing construction and to protect the public.
- 2. In the event of damage, immediately make all repairs and replacements necessary to the approval of the Landscape Architect and at no additional cost to the Owner.

PART 2 - PRODUCTS

2.1. Fertilizer: Comply with all State Fertilizer Laws when tested by current methods adopted by the Association of Official Agriculture Chemists. N, P, and K analysis

- of 5-10-10 or 6-12-12 or as recommended by soils test reports
- **2.2. Pre-Emergent Herbicide:** Oxadiazon, oryzalin or trifluralin.
- 2.3. Topsoil:
- A. If quantity of onsite topsoil is insufficient, provide material as required for completion of work. All topsoil, whether stockpiled or imported, is subject to this specification.
- B. Natural, workable, friable, loamy sand, sandy loam to loam soil without admixture of subsoil, refuse, or foreign materials, free from hard lumps, stiff clay, hardpan, gravel, noxious weeds, brush, or other undesirable material harmful to plant growth. Topsoil
- found to contain any of the above materials is to be removed from the Work. C. Exhibit a minimum field percolation rate of 3" per hour at 90% +/- standard laboratory density.
- D. Testing:
- 1. Sample and test topsoil for compliance with specified
- characteristics and for nutrient and ph requirements.
- 2. Testing to be performed by a certified soils testing laboratory, in accordance with standard laboratory procedures.
- 3. Test a minimum of three (3) initial samples of any proposed topsoil.
- E. Additions of fertilizer and/or lime recommended by soils test reports are part of the work of this Section. No additions to or placement of topsoil prior to initial soils test reports approval.
- 2.4. Lime:
- A. General: Ground or crushed agricultural limestone.
- B. Characteristics:
- 1. 90% passing a 10-mesh screen.
- 2. Not less than 50% passing a 60-mesh screen. 3. Neutralizing value of 90% calcium carbonate or better.
- 4. Dry and free flowing.
- 2.5. Solid Sod Turfgrass: Nursery grown turfgrass as shown on the drawings and as follows: A. Free of objectionable grassy and broad leaf weeds, less than
 - two (2) weed plants per fifty (50) square yards.
- B. Growing Media: Furnish sod grown in loamy sandy to loam topsoil and
- that one-half inch minimum of soil is removed with the turf. C. Squares: Cut to the supplier's standard width and length. Provide with less than one-half inch deviation from standard width and five percent on
- length. Squares and torn or uneven ends will not be acceptable.
- D. Sod Strength: strong enough that it can be picked up and handled without damage.
- E. Moisture Content: Do not harvest or place when its moisture content is excessively low or high.
- F. Mowing Height: Prior to harvesting, the turfgrass is to be maintained at a
- regular mowing height from three-quarters to one and one-half inches. G. Time Limitation: Harvest, deliver and install within a period of 24 hours
- 2.6. Grass Seed: Grass seed as shown on the Drawings and as follows:
- A. Certified by an Official Seed Certifying Agency and tested within nine months prior to use.
- B. Separately packed and delivered to the project in a seed-tight bag, each bag
- bearing a tag or label with the seal of the Official Seed Certifying Agency.
- C. Conform to State seed laws and delivered to the site in the original unopened container, bearing the variety name, percent of germination, purity of the seed, and percent of obnoxious weeds and inert matter.

- 2.7. Straw Mulch For Seeded Areas: Threshed straw of oats, wheat, or rye, applied at the rate of not less than 1.75 tons per acre with a moisture content of not more than 15 percent, or if the moisture content exceeds 15 percent, proportionate increase shall be made in the rate of application.X
- 2.8. Erosion Control Blanket: For seeded slopes greater than 3:1. Type 2.D short- term doub control blanket meeting the requirements established by the Erosion Control Technology (ECTC) Specification and the U.S. Department of Transportation, Federal Highway Admir (FHWA) Standard Specifications For Construction of Roads and Bridges on Federal High
- **2.9.** Mulch: Location and placement as indicated on the Drawings and as follows: A. Pine Straw Mulch: Clean, fresh, un-rotted pine straw containing no substance harmful to plant growth and free of noxious weeds, grasses.
 - seeds, plants, roots, branches, sticks or extraneous matter.

B. Pine Bark Mulch:

- 1. In planted areas with 12:1 or greater slope: Shredded, course pine bark containing no cambium or other substance harmful to plant growth and free of noxious weeds, grasses, seeds, plants, roots, branches, sticks or extraneous matter.
- 2. In planted areas with less than 12:1 slope: Ground pine bark with a maximum size and one half (1 1/2") inches containing no cambium or other substance harmful to and free of noxious weeds, grasses, seeds, plants, roots, branches, sticks or extra

2.10. Plant Materials:

- A. The plant species, sizes, manner in which to be furnished and quantities are given in the Plant Material Schedule on the Drawings.
- B. Provide plant material of standard quality, true to name and type, and first class represented and type and first class represented and type and first class represented and type an of their species or variety. Provide labels securely attached to all plant material for pu inspection and identification stating correct plant name and size requirements shown of Provide B & B material having been root pruned within the last two years. Provide cor
- grown plants having been grown in the delivery container for at least one growing seas C. Provide plant material having normal, well-developed branched and vigorous fibrous root systems. Provide healthy, vigorous plants free from defects, decay, disfiguring roots, sun-scald injuries, abrasions of the bark, diseases, insect pests or their eggs, borers and any other form of infestation or objectionable disfigurements.
- D. Collected or grafted material will not be permitted unless otherwise indicated on the Plant Material Schedule on the Drawings.
- E. Plant materials lacking compactness or proper proportions, which are weak or thin, which have a damaged or crooked leader or multiple leaders (unless specified), or plant materials injured by too close planting in nursery rows will be rejected.
- F. Plant materials cut back from larger grades to meet requirements will be rejected. Plant materials shall not be pruned before planting.
- G. Measurements:
- 1. Measure plant material with branches in normal position. Height and spread dimensions refer to main body of plant and not from branch tip to tip.
- 2. Take caliper measurements on the trunk 6 inches above natural ground line for tre inches in caliper and 12 inches above natural ground line for trees above 4 inches Measurements specified are the minimum size acceptable. Take measurements at
- pruning, where pruning is necessary. If size range is given, provide no material les than minimum size, and provide 50% of plant materials maximum size specified. 4. Plants meeting measurements specified, but without normal
- balance between height and spread will be rejected.
- Plants larger than specified and of equal quality may be accepted, but at no addition H. Balled Plants (B&B): Adequately balled with firm, natural balls of soil. If ball is cracked
- broken before or during planting or if the plant is loose in ball, the plant will be rejected I. Container-Grown Plants: Plant material designated "container-grown" in the Plant Schedule shall be in sound containers of the size specified and free of weeds and grasses. If root and soil mass is cracked or broken before or during planting, the plant will be rejected. Root-bound plant materials will not be accepted.
- J. Option to Methods: With the Landscape Architect's approval, plant material may be furnished container-grown instead of balled, if all other requirements are met.
- K. Plant material with lichen growing on the trunk or branches will not be accepted.
- 2.11. Water: Fresh, free from oil or any other impurity or substance harmful to the Work or to plant materials and seed. Make arrangements necessary to insure an adequate supply of water to meet the needs of this Contract. Furnish all necessary hose, equipment, attachments, and accessories necessary to complete the Work as specified.
- 2.12. Tree Guying System: 'Aborbrace' HTG-HD Regular Size guying system with green, UV resistant, polypropylene guy-lines, nickel-plated spring cam-lock tensioning clips and aluminum anchors or approved substitute.

Work to produce a smooth, uniform transition from new to existing.

PART 3 - EXECUTION

3.2. Subgrade/Soils

- 3.1. General:
- A. Planting/Sodding/Seeding Season: As directed.

content exceeds 15 percent, proportionate increase shall be made in the rate of application.X	2. Use all means necessary to prevent erosion of or damage to completed			
Erosion Control Blanket: For seeded slopes greater than 3:1. Type 2.D short- term double net erosion control blanket meeting the requirements established by the Erosion Control Technology Council	areas during construction and until final acceptance of the work 3.3. SODDING:			
(ECTC) Specification and the U.S. Department of Transportation, Federal Highway Administration's	A. Preparation for Sodding:			
(FHWA) Standard Specifications For Construction of Roads and Bridges on Federal Highway Projects.	1. The exposed soil surface to be sodded shall be loosened to a minimum depth of three inches			
Mulch: Location and placement as indicated on the Drawings and as follows:	(3") and graded to remove all ridges and depressions. All stone over one inch (1") in any dimension, sticks, rubbish and other extraneous matter shall be removed during this operation.			
A. Pine Straw Mulch: Clean, fresh, un-rotted pine straw containing no substance harmful to plant growth and free of noxious weeds, grasses,	2. Finished Grading: All areas to be sodded shall then be graded and raked to the grades			
seeds, plants, roots, branches, sticks or extraneous matter.	specified above in uniform, even slopes. The surface, when finished and settled, shall conform to the required grades and shall be free from hollows, high spots and other			PLA
 B. Pine Bark Mulch: 1. In planted areas with 12:1 or greater slope: Shredded, course pine bark containing 	inequalities. During this operation, all stones over one inch (1") in any dimension, sticks			F LA
no cambium or other substance harmful to plant growth and free of noxious	and other debris shall be removed from the soil surface and disposed of off-site.	ID	Quantity Botanical Name	Common Name
weeds, grasses, seeds, plants, roots, branches, sticks or extraneous matter.	 B. Sod Installation: 1. Do not place sod when ground is wet or frozen. 	SHA	DE TREES —	
In planted areas with less than 12:1 slope: Ground pine bark with a maximum size pieces of one and one half (1 1/2") inches containing no cambium or other substance harmful to plant growth	 Place in straight lines, with rows placed parallel to and tightly against each other. Stagger joints. 	NS	12 Nyssa sylvatica	BLACK GUM
and free of noxious weeds, grasses, seeds, plants, roots, branches, sticks or extraneous matter.	 Do not stretch or overlap pieces. 	QP	11 Quercus phellos	WILLOW OAK
. Plant Materials:	 Butt edges tight. Do not install torn or thin pieces 	EVE	RGREEN SHRUBS ——	
A. The plant species, sizes, manner in which to be furnished and quantities are given in the Plant Material Schedule on the Drawings.	6. Locate and trim sod around all irrigation heads, valve boxes, etc. at time of sod installation.		150 Ilex cornuta 'Needlepo	int' NEEDLEPOINT HOL
 B. Provide plant material of standard quality, true to name and type, and first class representatives 	 Roll completed areas with hand-held roller to bond sod to soil and smooth out rough spots. Cut –out and remove any torn or thin pieces and replace with fresh sod, 12 inches by 12 	GRC	UNDCOVER AND TURFGRASS	
of their species or variety. Provide labels securely attached to all plant material for purpose of	inches minimum. Replant areas, which show bare spots larger than 2" in any dimension.			
inspection and identification stating correct plant name and size requirements shown on Drawings. Provide B & B material having been root pruned within the last two years. Provide container	9. Water as required.			
grown plants having been grown in the delivery container for at least one growing season.	 Provide smooth completed surface free of irregularities, conforming to the grades and lines specified. 		Tlifway 419	419 BERMUDA SOD
C. Provide plant material having normal, well-developed branched and vigorous fibrous	3.4. PERMANENT COVER SEEDING:			
root systems. Provide healthy, vigorous plants free from defects, decay, disfiguring	A. Preparation for Seeding: Refer to 3.3-A this Specification.			
roots, sun-scald injuries, abrasions of the bark, diseases, insect pests or their eggs, borers and any other form of infestation or objectionable disfigurements.	B. Sowing: In the areas shown and noted on the Drawings, sow specified seed at the specified			
D. Collected or grafted material will not be permitted unless otherwise	rate exercising care that uniform distribution of seed is obtained. Sow on a still day, using a hopper-type seeder or other approved equipment, one-half of the seed for each area being			
indicated on the Plant Material Schedule on the Drawings.	sown in a direction at right angles to the other half. After seeding, lightly rake, roll once with			
E. Plant materials lacking compactness or proper proportions, which are weak or thin, which have a damaged or crooked leader or multiple leaders (unless specified), or	a roller weighing not less than one hundred (100) pounds per linear foot, and thoroughly			
plant materials injured by too close planting in nursery rows will be rejected.	water with a fine spray. Maintain uniform seed distribution during raking and watering. C. Mulching: Hand or machine apply specified mulch. Apply loose to permit air to circulate and			
F. Plant materials cut back from larger grades to meet requirements will be	compact enough to reduce erosion. Loosen baled mulch material and assure that bales contain no			
rejected. Plant materials shall not be pruned before planting.	lumps or knots of compacted material. Provide a layer of mulch 1/4" thick in depth over the entire			
G. Measurements:	seeded area. Begin mulch application immediately following completion of sowing operations.			
 Measure plant material with branches in normal position. Height and spread dimensions refer to main body of plant and not from branch tip to tip. 	 D. Erosion Control Blanket: Install on all seeded slopes greater than 3:1. Install per manufacturer's recommendations. 			
2. Take caliper measurements on the trunk 6 inches above natural ground line for trees up to 4	E. Prior to final acceptance of seeded areas, provide a uniform cover over all seeded			
inches in caliper and 12 inches above natural ground line for trees above 4 inches in caliper. 3. Measurements specified are the minimum size acceptable. Take measurements after	areas with a density of 95% of each square yard of the seeded area and a well			
pruning, where pruning is necessary. If size range is given, provide no material less	developed root system. For purposes of establishing an acceptable standard, scattered bare spots, none of which is larger than two (2) square feet, up to a maximum of			
than minimum size, and provide 50% of plant materials maximum size specified.	five (5) percent of any seeded area. Reseed as required for coverage.			
 Plants meeting measurements specified, but without normal balance between height and spread will be rejected. 	3.5. Plant Installation:			
5. Plants larger than specified and of equal quality may be accepted, but at no additional cost.	A. Plant Pits: Circular in outline with vertical sides. Depth, width and			
H. Balled Plants (B&B): Adequately balled with firm, natural balls of soil. If ball is cracked or	construction of pit as indicated on the Drawings. B. Separate existing subgrade soils from the upper topsoil portions and			
broken before or during planting or if the plant is loose in ball, the plant will be rejected.	remove wherever encountered during planting operations.			
 Container-Grown Plants: Plant material designated "container-grown" in the Plant Schedule shall be in sound containers of the size specified and free of weeds and 	C. Notify Landscape Architect in writing immediately of any subsurface drainage or soil conditions,			
grasses. If root and soil mass is cracked or broken before or during planting, the	which Contractor considers detrimental to growth or survival of plant materials. State conditions and submit proposal for correction including cost of correction. Obtain approval of			
plant will be rejected. Root-bound plant materials will not be accepted.	method of correction before continuing operations in the affected portion of the Work. Failure			
J. Option to Methods: With the Landscape Architect's approval, plant material may be furnished container-grown instead of balled, if all other requirements are met.	to comply with this requirement will be construed as having accepted the conditions.			
K. Plant material with lichen growing on the trunk or branches will not be accepted.	D. Set plants in relationship to finished grade as indicated on the Drawings. Use			
. Water: Fresh, free from oil or any other impurity or substance harmful to the Work or to	topsoil to backfill plant pits. When plant pits have been backfilled approximately two-thirds full, water thoroughly before installing remainder to top of pit.			
plant materials and seed. Make arrangements necessary to insure an adequate supply of water to meet the needs of this Contract. Furnish all necessary hose, equipment,	E. Apply fertilizer at the rate indicated on the Drawings.			
attachments, and accessories necessary to complete the Work as specified.	F. Set trees plumb and brace rigidly in position until the topsoil has			
. Tree Guying System: 'Aborbrace' HTG-HD Regular Size guying system with	been tamped solidly around the ball and roots.			
green, UV resistant, polypropylene guy-lines, nickel-plated spring cam-lock tensioning clips and aluminum anchors or approved substitute.	G. Cut rope or strings from top of B&B material after plant has been set. Leave burlap or cloth wrapping intact around balls.			
	H. Water all plants thoroughly by hose immediately after planting.			
T 3 - EXECUTION	I. Guy and stake trees as indicated on the Drawings.			
General:	J. Mulch all areas not seeded or sodded and as indicated on the drawings. Use mulch			
 A. Planting/Sodding/Seeding Season: As directed. B. Planting Location And Area Staking: Stake planting locations and areas prior 	materials specified in this section. Mulch within twenty-four (24) hours after planting.			
to each operation. Obtain Landscape Architect's approval before proceeding	K. Apply pre-emergent herbicide to shrub and groundcover beds. Strictly follow manufacturer's label directions and procedures.			
with the Work. Make minor adjustments to locations or outlines as directed.	L. Prune as required at the site in accordance with standard horticultural practice and			
Omit staking where areas are bounded by curbs or other structures.	as approved by the Landscape Architect. Prune with clean, sharp tools.			
C. Relocation Of Plant Materials: If rock, underground construction, utility lines or obstructions are uncovered during excavation of plant pits, alternate locations will	3.6. Maintenance Operations			
be selected by the Landscape Architect without additional cost to the Owner.	 A. General: 1. Provide full service type program to include watering, spraying for insect and fungus 			
A. Damage: At all times from beginning of construction to Substantial Completion of entire project,	control, fertilizing, mowing, pruning and repair. The maintenance period will begin			
provide protection for Work and repair damage occurring to all sections of this specification. Subgrade/Soils	with the first plantings and terminate thirty (30) days after Substantial Completion.			
A. Inspection: Prior to all work of this Section, inspect all areas of the site. Check existing	 At Substantial Completion, submit a detailed maintenance outline and schedule. Include maintenance times and procedures conducted during construction 			
subgrade elevations, lines, grades, conditions to assure specified topsoil depths and	and suggested maintenance times and procedures to be followed by the			
final finished grades. Note any and all areas showing concentrations of construction debris. Confirm all findings requiring correction to the Landscape Architect in writing. Do	Owner's personnel during the remainder of the guarantee period.			
not proceed with work until corrective measures have been taken. Failure to comply	B. Plant Material Maintenance: Provide watering, weeding, cultivating, pruning, spraying, mulching, resodding, reseeding, tightening and repairing of guys, resetting plants			
with this requirement will be construed as having accepted existing subgrade.	to proper grades or upright position, restoration of planting saucer and planting			
 B. Sub-Grade Preparation: 1. Loosen sub-grade soil to a minimum depth of three (3) inches and grade to remove 	replacements as necessary to keep plant materials in a healthy growing condition and keep all planted areas neat and attractive during the maintenance period.			
all ridges and depressions so that it will be parallel to proposed finished grade. All	3.7. Substantial Completion And Guarantee:			
stones over two (2) inches in any dimension, sticks, rubbish and other extraneous	A. Review And Acceptance:			
matter shall be removed from the sub-grade soil during this operation. 2. Where concentrations of rubble, crushed limestone, concrete, asphalt and other	1. In the presence of the Landscape Architect, review all Work of this Section.			
construction debris are encountered, remove entirely to a minimum depth of 12 inches	Following completion of any required repairs, the Landscape Architect will certify to the Owner as to Substantial Completion of the planting.			
below completed subgrade. Backfill such areas with clean subgrade soil material and compact to specified density. Recondition backfilled surface as specified.	2. Substantial Completion of the planting shall constitute the			
 Where completed sub-grade areas are disturbed by subsequent operations 	beginning of the Guarantee Period for the planting.			
or weather, scarify and reshape the surface prior to spreading topsoil.	 B. Guarantee Period And Replacements: 1. Guarantee the Work of this Section for one (1) year beyond the date of Substantial Completion. 			
 C. Topsoil Placement: 1. Spread topsoil in all areas disturbed by contract work and not shown on 	2. Replace all dead plant materials and all plant materials not in a thriving condition during and at			
the Drawings to be covered by other construction or materials. Install to	the end of the guarantee period, with no additional compensation, as weather conditions permit.			
produce required minimum finished depth as noted in the Drawings.	 In the event replacement is not acceptable at the end of the guarantee period, the Owner may elect either additional replacements or credit for each item. 			
 Do not place topsoil in frozen or wet conditions. Thoroughly and uniformly incorporate fertilizer and/or lime during 	4. Guarantee does not apply to loss due to vandalism, acts of God, or failure of the Owner			
spreading operations and as recommended by soils test reports.	to maintain plant materials after the end of Contractor's maintenance period. 5. Periodically inspect Owner's maintenance program and procedures			
Compaction, general: Compact each soil layer to at least the specified minimum degree. Repeat compaction process until finished elevation is attained.	and submit recommendations in writing of any changes in the Owner's			
5. Degree of Compaction Requirements:	program, which is necessary for the success of the planting.			
a. Topsoil Areas: Compact topsoil areas to ninety percent (90%)±	3.8. Final Review And Acceptance:			
standard laboratory density. Do not over compact. b. Testing: Provide testing as required to assure compliance with specifications.	A. At the end of the guarantee period and in the presence of the Landscape Architect, review all Work for Final Acceptance.			

D. Treatment After Completion Of Grading:

1. After fine grading is complete permit no further excavating, filling or grading

- b. Testing: Provide testing as required to assure compliance with specifications. 6. Carefully fine grade and rake topsoil surface to the finished lines, grades and elevations. During this operation, remove all stones over one (1) inch in any dimension, sticks, rubbish and other
- debris from the surface. Feather topsoil into existing ground surface at applicable limits of

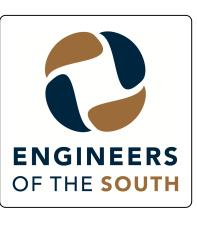
B. Following completion of required repairs or renewals, the Landscape Architect

will certify to the Owner as to Final Acceptance of the Work.

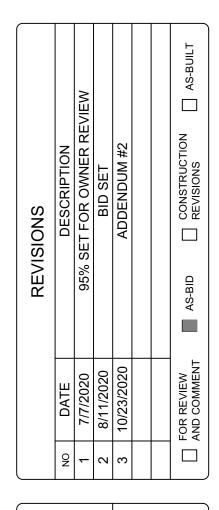
EHNP LANDSCAPE ARCHITECTURE 1914 28TH AVE SOUTH; BIRMINGHAM, AL 35209 205-870-9936 | HNPSITEPLAN.COM

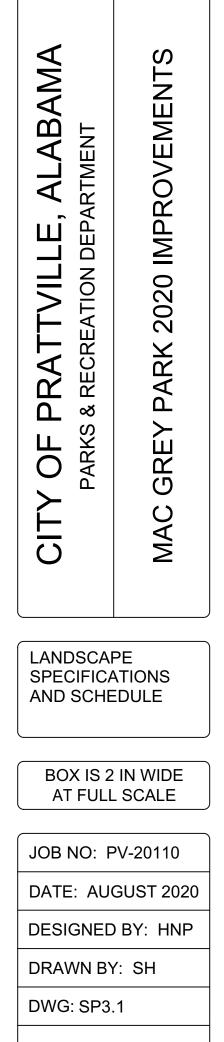
PLANT SCHEDULE

	Root	Scheduled Size	Spacing	Comments
	B&B	2 - 2.5" Cal.	AS SHOWN	Strong, central leader.
	B&B	2 - 2.5" Cal.	AS SHOWN	Strong, central leader.
Y	Cont.	18" - 24" ht.	4'-0" O.C.	
	SOD			Sod all disturbed areas not otherwise noted to receive planting.

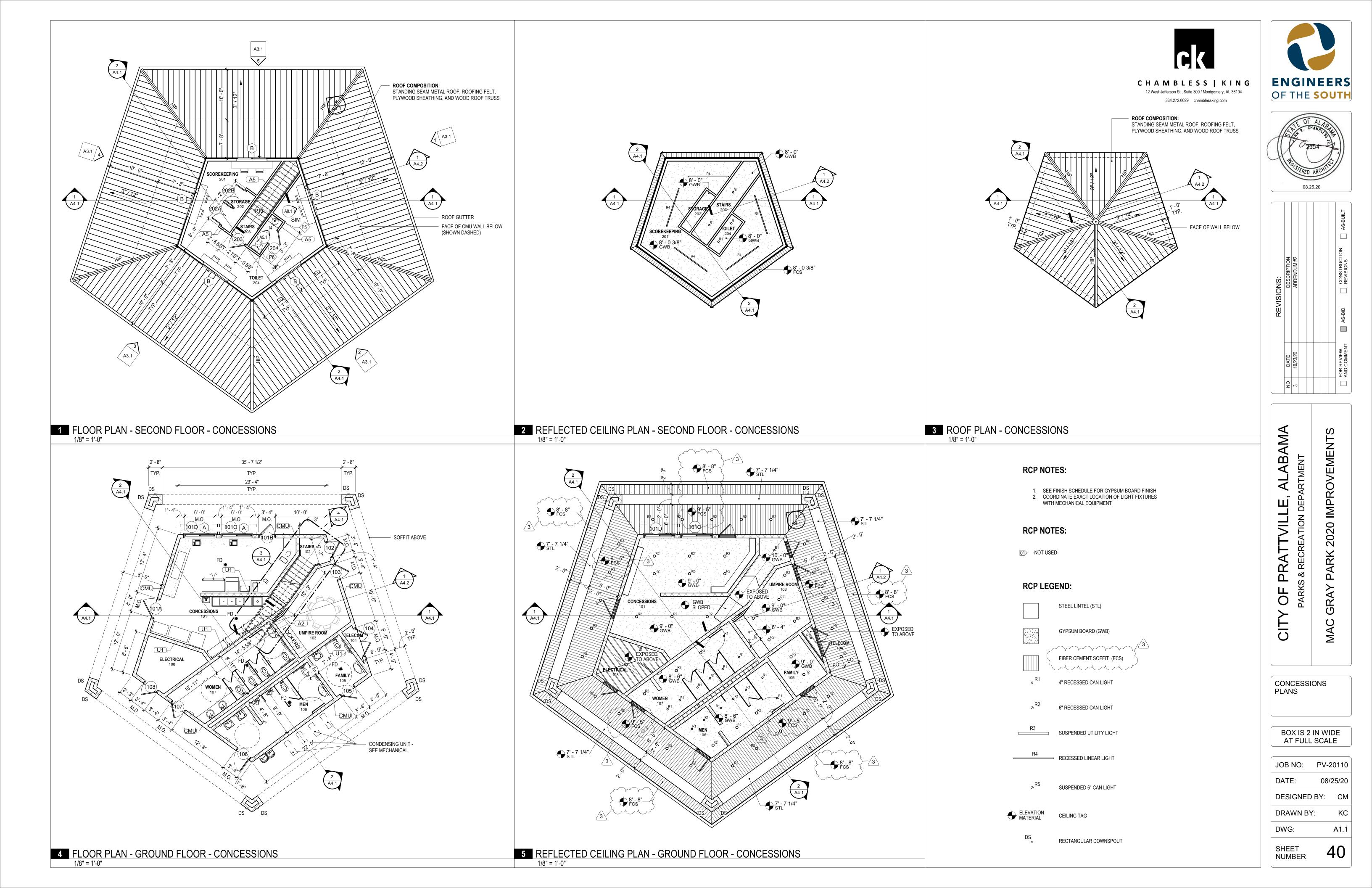


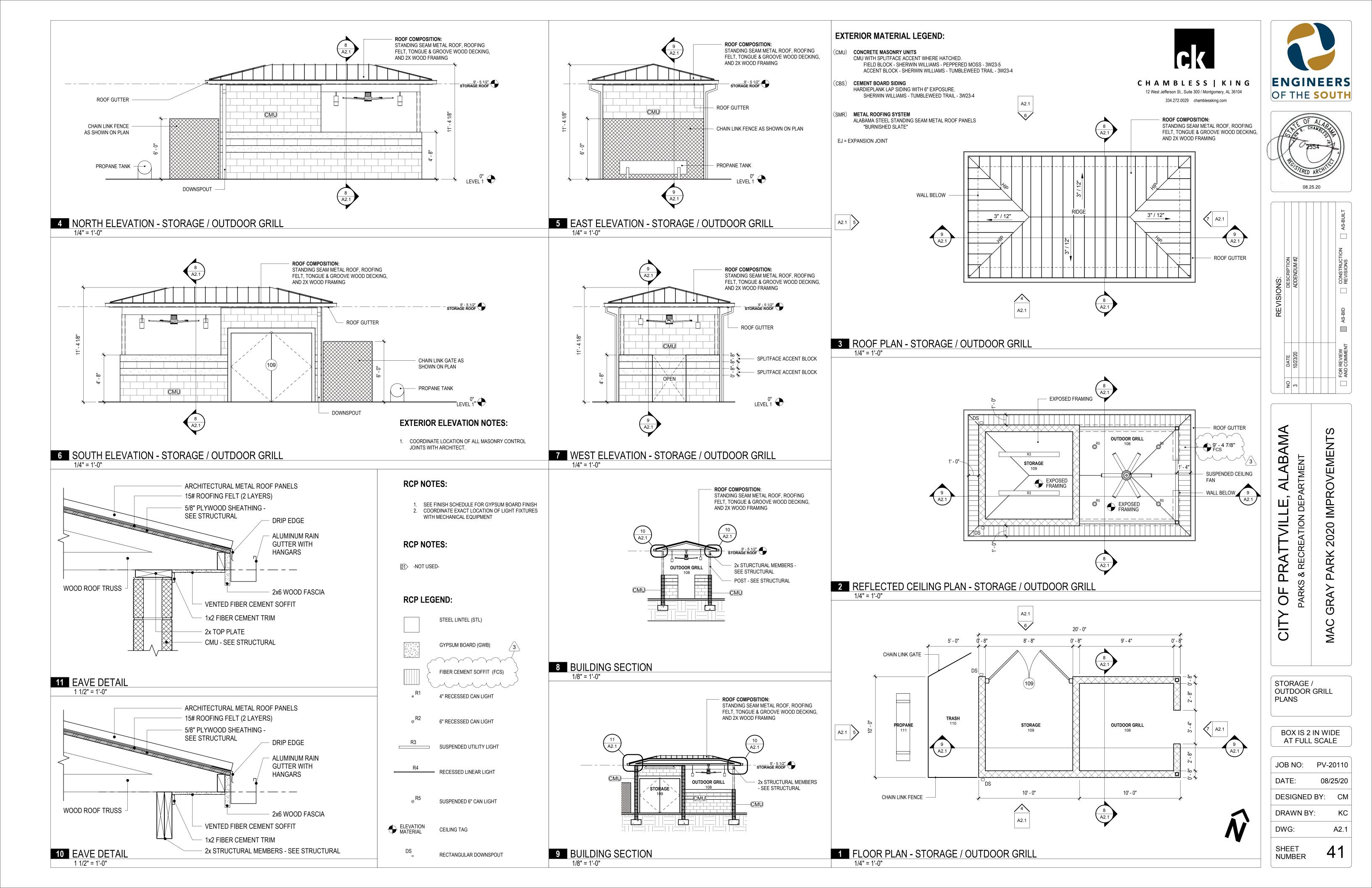


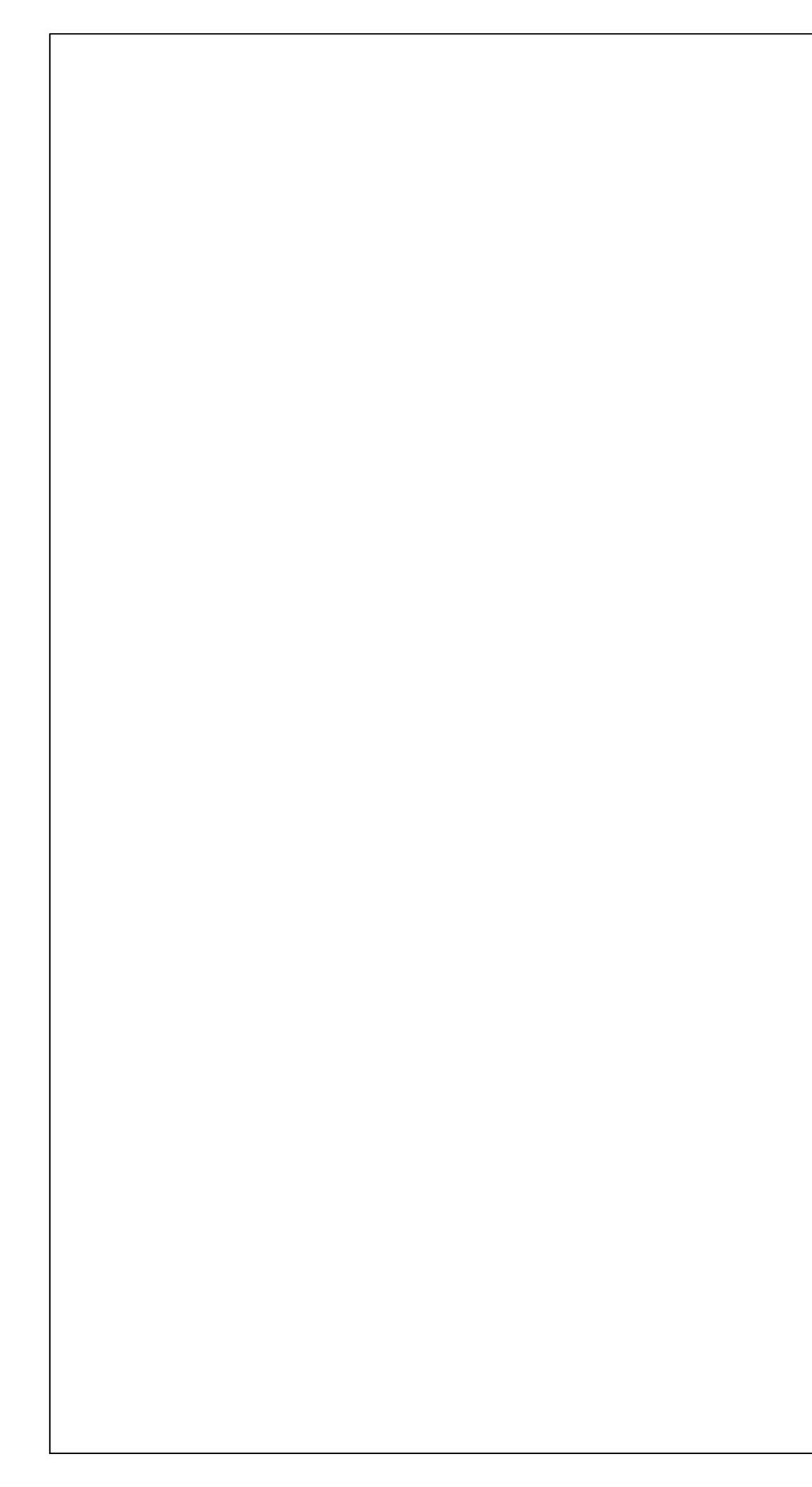




NUMBER 31







							MOUNTING	MOUNTING	
MARK	MANUFACTURER	CATALOG NUMBER	VOLTAGE	WATTS	LAMPS LUMENS	TYPE	MOUNTING HEIGHT	MOUNTING TYPE	REMARKS
	GOTHAM	EVO6FS-40/25-DFF-SMO-EZ1	120	24.7	2,187	LED	CEILING	RECESSED	DIM010
А	PRESCOLITE		120	24.7	2,107	LLD	CLILING	RECESSED	Dividito
	TREGOGENE								
	GOTHAM	EVO6FS-40/25-DFF-SMO-EZ1-ELR	120	24.7	2,187	LED	CEILING	RECESSED	DIM010, EM
Æ	PRESCOLITE		120	27.7	2,107	LLD	GEIEING	RECESSED	
	PRESCULITE								
	GOTHAM	EVO6-40/25-AR-MD-LSS-EZ1	120	24.7	2,537	LED	CEILING	RECESSED	DIM010
A2	PRESCOLITE	E V 00-40/25-AT-WID-E33-E21	120	24.7	2,007	LLD		RECESSED	
<i>r</i> 2	PRESCOLITE								
	GOTHAM	EVO6-40/25-AR-MD-LSS-EZ1-EL	120	24.7	2,537	LED	CEILING	RECESSED	DIM010, EM
A2E	PRESCOLITE	E V 00-40/23-AT WID-E00-E21-EE	120	24.7	2,007	LLD	CLILING	RECESSED	
	FRESCOLITE								
	GOTHAM	EVO6-40/10-AR-MD-LSS-EZ1	120	9.6	994	LED	CEILING	RECESSED	
A3	PRESCOLITE		120	9.0	554	LLD		RECESSED	
70	PRESCOLITE								
	GOTHAM	EVO6-40/10-AR-MD-LSS-EZ1-EL	120	9.6	994	LED	CEILING	RECESSED	EM
A3E		EV00-40/10-AR-MID-E33-E21-EE	120	9.0	554	LLD		RECESSED	
no L'	PRESCOLITE								
	GOTHAM	EVO4-40/10-AR-MD-LSS-EZ1	120	7.9	808	LED	CEILING	RECESSED	
В		L V 04-40/ 10-AR-WD-L00-E21	12U	<i>Г.</i> Э	000	LED		RECESSED	
ט	PRESCOLITE								
		EVO4-40/10-AR-MD-LSS-EZ1-EL	100	7.0	000			DECESSED	
BE	GOTHAM	LV04-40/10-AR-WD-L00-E21-EL	120	7.9	808	LED	CEILING	RECESSED	EM
υL	PRESCOLITE								
	GOTHAM	EVO6PC-40/10-AR-MD-LSS-	120	9.6	994	LED	EVEN WITH	PENDANT	FSA
С	PRESCOLITE	HAO-WL	τZU	3.0	394	LED	BOTTOM OF	FENDANI	1 SA
C	PRESCOLITE	HAO-WE							
		F624-CL	100						
05	MINKA-AIRE	F624-CL	120	-	-	-	AS DIRECTED BY		FSA, NO LIG
CF							ARCHITECT	PENDANT	
	COTHANA		100	4 4 7	4 074				LISTED
P	GOTHAM	EVO6SH-40/15-DFF-SOL	120	14.7	1,274	LED	CEILING	RECESSED	
D	PRESCOLITE								
			400	A A ¬	4.07.1			DEGEOGES	
	GOTHAM	EVO6SH-40/15-DFF-SOL-ELR	120	14.7	1,274	LED	CEILING	RECESSED	EM
DE	PRESCOLITE								
			400	ELIDNIOLI					
		ELM-2L	120	ruknishi	ED BY MANUF	RUIUKEK	8'-0'' A.F.F.	OUTLET	EMX
EM	DUAL LITE							BOX	
	BEGHELLI		~~~~	01	0050			001000	
-		DSXF1-LED-P1-40K-NSP-UBV	277	21	2850	LED	FINISHED GRADE		FSA
FL	HUBBEL							BASE	
	PHILIPS			<u></u>	4				
		LCX-L36-5250LM-SEF-RDL-40K-	120	39.9	4,700	LED	8'-0'' A. F.F.	BALL-SWIVEL	
L	COLUMBIA	80CRI						CONDUIT	
	DAY-BRITE				I			STEM	
. –		LCX-L36-5250LM-SEF-RDL-40K-	120	39.9	4,700	LED	8'-0'' A.F.F.	BALL-SWIVEL	EM
LE	COLUMBIA	80CRI-PS1050						CONDUIT	
	DAY-BRITE				└─── │			STEM	
	MARK LTG	SL1LP-8FT-FL-90CRI-40K-1000LMF-	120	76	7,480	LED	CEILING	RECESSED	DIM010
L1		MIN1-RL-ZT							
							··		
	LITHONIA	DSXW1-LED-10C-700-40K-T3M	120	26	2,757	LED	ABOVE DOOR	OUTLET	FSA
W1	COLUMBIA							BOX	
	DAY-BRITE					_			
	LITHONIA	EDG-1-R-EL	120	FURNISHI	ED BY MANUF	ACTURER	CEILING OR	OUTLET	EMX
X1	DUAL LITE						ABOVE DOOR	BOX	
	DAY-BRITE								
	LITHONIA	DSX1-LED-P9-40K-T4M-HS	277	241	26,997	LED	MOUNT TO 30		
Y	COLUMBIA						TAPERED STE		
	DAY-BRITE						BRONZE POLE - SEE	DETAIL "E-LP1"	
	LITHONIA	TWO (2) DSX1-LED-P9-40K-T4M-HS	277	241	26,997	LED	MOUNT TO 30)' ROUND	
Y2	COLUMBIA						TAPERED STE	EL DARK	
	DAY-BRITE						BRONZE POLE - SEE	DETAIL "E-LP1"	
	LITHONIA	DSX2-LED-P8-40K-TFTM-HS	277	448	49,186	LED	MOUNT TO 30)' ROUND	
Z	COLUMBIA						TAPERED STE	EL DARK	
	DAY-BRITE						BRONZE POLE - SEE		

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

1. ALL LAMPS SHALL BE 4000K WITH A MINIMUM CRI OF 80 UNLESS NOTED OTHERWISE.

2. CONTRACTOR SHALL COORDINATE ALL FIXTURE MOUNTING PROVISIONS WITH THE ASSOCIATED CEILING TYPE(S) PRIOR TO ORDERING FIXTURES.

3. ALL FIXTURES AND BALLASTS/DRIVERS SHALL BE RATED FOR OPERATION IN AMBIENT TEMPERATURES UP TO 55 DEGREES CELSIUS.

4. TO ENSURE PROPER COORDINATION AND LONG TERM SUPPORT FOR THE OWNER, ALL LIGHTING FIXTURES SHALL BE PURCHASED THROUGH MANUFACTURER'S REPRESENTATIVES AND DISTRIBUTORS LOCATED WITHIN 100 MILES OF THE PROJECT SITE. SUBMITTALS RECEIVED THAT DO NOT COMPLY WITH THIS REQUIREMENT WILL BE REJECTED WITHOUT REVIEW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DELAYS CAUSED BY NON-COMPLIANCE WITH THIS REQUIREMENT.

LIGHTING FIXTURE SCHEDULE KEYED NOTES:

DIM010 PROVIDE INTEGRAL 0-10V DIMMING DRIVER AS REQUIRED FOR 10% TO 100% FLICKER-FREE DIMMING CAPABILITY FOR THE DESIGNATED FIXTURE(S). VERIFY THAT THE PROPOSED DIMMING DRIVER IS COMPATIBLE WITH THE ASSOCIATED DIMMER PRIOR TO ORDERING FIXTURE. INSTALL ALL LOW VOLTAGE WIRING AS REQUIRED FROM DIMMER TO FIXTURE(S)

EM EMERGENCY FIXTURE. PROVIDE EMERGENCY BATTERY PACK RATED FOR AT LEAST 500 LUMENS. EMX EMERGENCY FIXTURE. PROVIDE EMERGENCY BATTERY PACK RATED FOR AT LEAST 90 MINUTES OF OPERATION.

FSA PROVIDE FINISH AS SELECTED BY ARCHITECT.



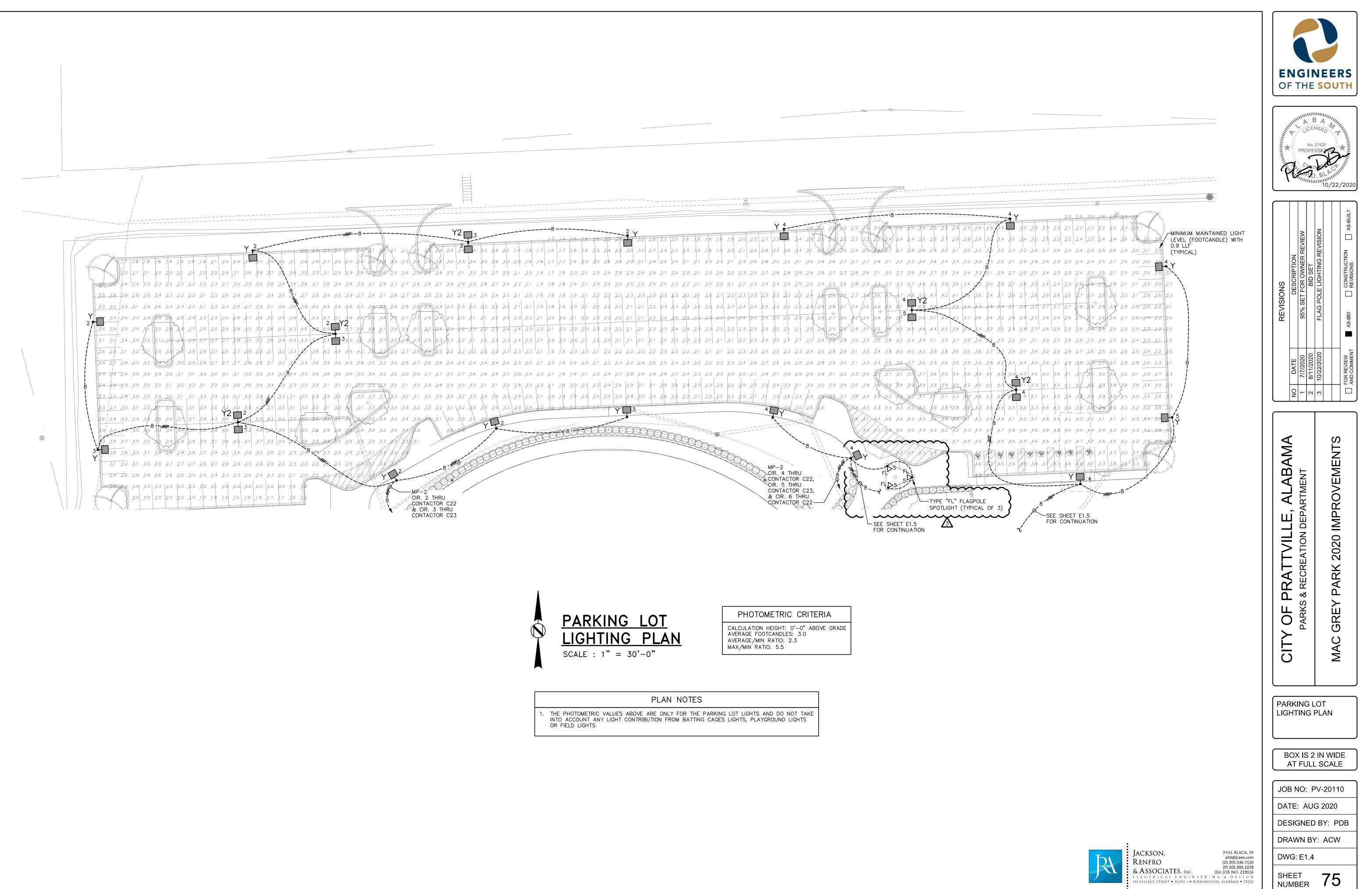
JACKSON, PHIL BLACK, PE phil@jraee.com (D) 205.536.7120 (P) 205.995.1078 ASSOCIATES, INC. JRA JOB NO. 219116 ELECTRICALENGINEERING&DESIGN 141 VILLAGE STREET • SUITE 1 • BIRMINGHAM. ALABAMA • 35242

ENGINEERS OF THE SOUTH CENSE PROFESS 10/22/2020 ING REVISION IPTION WNER I CONS⁻ REVISI ELAG POLE LIG REVISIONS SET FO PRATTVILLE, ALABAMA & RECREATION DEPARTMENT PROVEMENTS Σ 2020 ARK Ω OF F PARKS \succ ШК Ū MAC CIT LIGHTING FIXTURE SCHEDULE BOX IS 2 IN WIDE AT FULL SCALE JOB NO: PV-20110 DATE: AUG 2020 DESIGNED BY: PDB DRAWN BY: ACW

DWG: E0.2

SHEET

SHEET 65



SUBSTITUTION REQUEST

(During the Bidding/Negotiating Stage)

Project:	Mac Gray P	ark 2020 Improvements (20-695684)	Substitution Request Number:	SubReq-12069		
	PRATTVILL	E, AL	From:	Courtney Damore, Scran	ton Products	
То:	o: Chris McNiel, Chambless King Architects		Date:	09/23/2020		
	cmcniel@ch	amblessking.com, (334) 272-0029	A/E Project Number:			
Re:	e: Plastic-Laminate-Clad Toilet Compartments		Contract For:	City of Prattville		
Specificat	ion Title:	Plastic-Laminate-Clad Toilet Compartments	Description:	Toilet Compartments		
Section:	10 21 13	Page: 3	Article/Paragraph:	2.01		
Proposed	Proposed Substitution: Hiny Hiders Solid Plastic					
Manufactu	urer:	Scranton Products Addres	ss: scrantonproducts.com	Phone:	570-348-0997	
Trade Nar	me:	Scranton Hiny Hiders Solid Plastic		Model No.:	N/A	

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

Attached:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.

Product Data

□ Drawings

Proposed substitution does not affect dimensions and functional clearances.

Submitted by	y: Courtney Damore					
Signed by:	Courtney Damore					
Firm:	Scranton Products					
Address:	Address: 801 E. Corey Street					
	Scranton, Pennsylvania 18504					
Telephone:	(570) 348-0997 ext. 8032, courtney.damore@azekco.com					
A/E' s REVI	EW AND ACTION					
🖌 Substitu	tion approved - Make submittals in accordance with Specification Substitution Procedures.					
Substitution	tion approved as noted - Make submittals in accordance with Specification Substitution Procedures.					
Substitu	tion rejected - Use specified materials.					
Substitu	tion Request received too late - Use specified materials.	0				
Signed by:	Amm Beant	Date: 10-20-2				
Supporting [Data					

□ Samples

Tests

□ Reports

TAILO		SUBSTITUTION REC	QUEST FORM
	ion - Dampproofing		Date: 10/14/2020
Air Barrier – Spray Polyurethane I	Foam Insulation (SPF)		
To:	Chambless King A	rchitects	
	John Chambless		
Project Name:	Mac Gray Park 2020 Ir	nprovements	
Specified Item:	72113	3	Loose-Fill Blown Insulation
	Section	Page	Description
The undersigned requ	lests consideration of the followir	ng product substitution:	
PROPOSED SU		ore-Fill 500	
ttached Includes:	- Product Description	- Performance	
	- Drawings	- Specifications	
	- Photographs		
No changes	will be required to the Contra	ct Documents for its	proper installation.
	tates that the following parag d substitution does not affect		ed by attachments, are correct: In the drawings.
2 No changes t	to the building design, engine	ering design, or deta	illing are required by the proposed substitution.
3 The proposed warranty requ	d substitution will have no ad uirements.	verse affect on other	trades, the construction schedule, or specified
4 No Maintena	nce is required by the propos	ed substitution.	
The undersigned fu superior to the spe		, appearance, and qւ	uality of the proposed substitution is equivalent or
Submitted By:	Justin Summerlin	[For use by Architect/Project Engineer:
Signature:	and found		Approved Approved As Noted
//	Tailored Foam, Inc.		Not Approved Received Too Late
			1. 6- 10.200
10000 - 0008 100 004 8 .00	13039 Gaut Ave. Tyler, TX 75708		By Man Date 10-00-00
ddress	13039 Gaut Ave. Tyler, TX 75708 7/14/2020		By: Date: 10-20-20
Company: Address Date: Phone:	Tyler, TX 75708		By: Date: Date:



WORLD DRYER Hi-Speed Surface-Mounted ADA Compliant Hand Dryers

VERDEdri is a high-speed, surface-mounted ADA compliant hand dryer with flexible controls and hygienic features. Combining simple, low cost ADA compliant installation, outstanding energy efficiency and extended motor life, VERDEdri provides facilities with low operating cost, long reliable service life and an attractive return on investment.

VERDEdri[®]

Product Benefits

- 12 second dry time
- Surface-mounted ADA compliance simplifies installation and reduces installation costs
- · Energy efficient low operating cost
- · Adjustable speed and sound controls
- Extended life motor with replaceable brushes maximizes service life and minimizes maintenance downtime
- HEPA filter eliminates 99.97% of particles, $0.3 \mu m$ or larger, cleaning air before it reaches hands
- Antimicrobial technology inhibits the growth of bacteria, mold and fungus extending the dryer's service life
- Universal voltage accepts 110-277 VAC input
- IP24 rating protection against harmful water ingress
- Optional adapter kit¹ for top-entry surface-mounted conduit
- Durable and vandal resistant

PERFORMANCE					
Dry Time:	12 seconds (adjustable)				
Air Velocity:	150 – 225 mph (13,200 – 19,800 LFM)				
Air Flow:	42 – 64 CFM				
Air Temperature: (at 70° room temperature)	130°F				
Sound at 79 in (2 m)	69 dBA				

*Sound measured at 79 in (2 m) in semi-anechoic chamber.

CONSTRUCTION				
Cover Options (Material / Finish)	Die Cast Aluminum (White)Die Cast Aluminum (Black)Stainless Steel (Brushed Finish)Stainless Steel (Polished Finish)			
Motor	Thermally-protected universal type, through-flow discharge vacuum type, 5/8 HP, 31,000 RPM			
Heating Element	Nichrome wire construction, 475 watts, with auto-reset thermal-protector so power is disconnected if air is not flowing			
Electronic Controls	Universal voltage (120 – 277 V)			
Filtration	HEPA Filter (standard – eliminates 99.97% particles 0.3 microns or larger (Accessory standard particulate filter available)			
Speed Control	3 Speed Selector Switch			
Activation	Automatic touch-free infrared activation with 45 second vandal-resistant lock out feature			
Enclosure Security	Cover attached with tamper-resistant screws; security wrench included.			
Electrical Connection Access	Access for wall mounted junction box and for bottom-entry surface mounted conduit (Accessory adapter ¹ available for top-entry surface mounted conduit)			
10 Year Limited Warranty	Warranted by the manufacturer to be free from defects in material workmanship for a period of ten (10) years from the date of purchase. See warranty statement for limitations and exclusions.			

WORLD DRYER CORP. 340 County Line Road Bensenville, IL 60106 800-323-0701

www.worlddryer.com



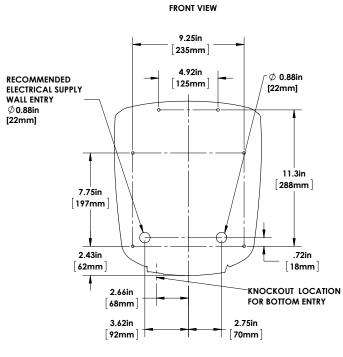


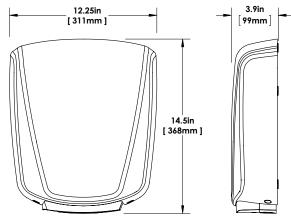
ELECTRICAL						
Voltage: 120 – 277 VAC (universal)						
Power:	120 VAC 208 – 240 VAC 277 VAC	950 Watts 950 Watts 1150 Watts				
Frequency:	50 / 60 Hz					
Recommended Circuit:	Dedicated 15 Amp					

¹The top entry adapter is used only where top entry surface mounted electrical connections are required. To meet ADA requirements when installed with the top entry adapter, do not install in walks, halls, corridors, passageways or aisles.

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Placement Instruction

- Hand dryers should be spaced at least 2 feet apart, near but not over the washbasin
- In congested areas, dryers should be located to create a flow from wash basin to dryer to exit
- VERDEdri should be mounted at least 18" above or away from reflective surfaces, which may interfere with the automatic sensor operation.
- Dryer Quantity Recommendation:
 - Average Traffic: 1 dryer per 2 wash basins
 - Heavy Traffic: 1 dryer per wash basin
 - Industrial 54" Circular wash fountains: 4 dryers per sink

Installation Guide

- VERDEdri hand dryers require a dedicated circuit and must be properly grounded
- · One side of dryer should be mounted to a stud

Recommended mounting heights from floor to dryer bottom
 edge

Men's washrooms	46" (117 cm)
Women's washrooms	44" (112 cm)
Children's washrooms, ages 4-7	32" (81 cm)
Children's washrooms, ages 7-10	36" (91 cm)
Children's washrooms, ages 10-13	40" (102 cm)
Children's washrooms, ages 13-17	44" (112 cm)
Handicap Mounting Height	37" (94 cm)

Cover Material	Cover Finish / Kit	110-120 / 208 / 220-277 V	Unit Weight	Shipping Weight	Unit Size (HxWxD) inch/mm	Shipping Size (HxWxD) inch/mm
Aluminum	White	Q-974A2	8.3 lbs / 3.7 kgs	10.7 lbs / 4.8 kgs	14.5" x 12.25" x 3.9" 368 x 311 x 100	17.3" x 15.2" x 7.5" 440 x 385 x 190
Aluminum	Black	Q-162A2	8.3 lbs / 3.7 kgs	10.7 lbs / 4.8 kgs	14.5" x 12.25" x 3.9" 368 x 311 x 100	17.3" x 15.2" x 7.5" 440 x 385 x 190
Stainless Steel	Polished	Q-972A2	9.9 lbs / 4.4 kgs	12.2 lbs / 5.5 kgs	14.5" x 12.25" x 3.9" 368 x 311 x 100	17.3" x 15.2" x 7.5" 440 x 385 x 190
Stainless Steel	Brushed	Q-973A2	9.9 lbs / 4.4 kgs	12.2 lbs / 5.5 kgs	14.5" x 12.25" x 3.9" 368 x 311 x 100	17.3" x 15.2" x 7.5" 440 x 385 x 190
Optional Top Entry Adapter Kit		17-10504K	3.8 lbs / 1.7 kgs	6.2 lbs / 2.8 kgs	16" x 13.8" x 1.2" 406 x 350 x 30	16.9" x 14.8" x 3.5" 430 x 375 x 90
HEPA Filter		93-10490K	0.4 lbs / 0.9 kgs	0.7 lbs / 1.5 kgs	7.7" x 3.5" x 2.0" 195 x 90 x 50	9.5" x 3.5" x 3.5" 240 x 90 x 90
Accessory - Non-HEPA		93-10506K	0.4 lbs / 0.9 kgs	0.7 lbs / 1.5 kgs	7.7" x 2.0" x 2.0" 195 x 50 x 50	7.9" x 2.8" x 2.4" 200 x 70 x 60
Coarse Filter		93-10496	0.1 lbs / 0.05 kgs	0.5 lbs / 0.23 kgs	7.5" x 2.0" x 0.6" 190 x 52 x 16	10" x 5.0" x 1.0" 254 x 127 x 25

WORLD DRYER CORP. 340 County Line Road Bensenville, IL 60106 800-323-0701

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