



Addendum No. 4

To: Pre-Bid Conference Attendees and Registered Plan holders

From: Karrie Maurin, RA, CSI-CDT
Maurin Architecture, P.C.

Re: Part B - James M. Seals, JR. Park – Athletic Restroom/ Concession and Field Improvements
504 Texas Street, Mobile, AL 36603
Project No. PR-041-20
Part C - Hackmeyer Park – Improvements Phase 2
3810 Conway Drive South, Mobile, AL 36608
Project No. PR-034-21

Date: December 5, 2022

This Addendum forms a part of, and modifies, the Bid Documents for the above referenced project, dated November 2, 2022. Acknowledge the receipt of this Addendum No. 4 and all subsequent Addenda, if any, in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

Part A – Both Seals & Hackmeyer Ph2

General:

Clarifications:

Item 1. Some of the original Seals Drawings published online for bid were not to scale. The error has been corrected and the drawings online now are all to scale.

Part A – Both Seals & Hackmeyer Ph2

Forms and Specifications:

Item 1: Project Manual Part A - Specification Section 00010 Index
Replace this section dated 11.28.22 and labeled Revision 02 (Addendum No. 3) with the attached revised section of same title 00010 Index, dated December 5, 2022 and labeled Revision 03 (Addendum No. 3). Substantial changes include the following:
Update Index to be most current for Addendum 03 – Section 00010R02 Index

Part B – Seals
Forms and Specifications:

- Item 1: Project Manual Part B - Specification Section 15400 Plumbing
Replace this section dated 11.02.22 with the attached revised section of same title 00100 Invitation to Bid, dated December 5, 2022 and labeled Revision 01 (Addendum No. 4).
Substantial changes include the following:
Update per Plumbing permit review V1 comments

Part B – Seals
Drawings:

- Item 1: Sheet T1.1 Title Sheet
Replace this sheet dated 11.22.22 and labeled Revision 02 (Addendum No. 1) with the attached revised sheet of same title T1.1, dated December 5, 2022 and labeled Revision 03 (Addendum No. 4). Substantial changes include the following:
Update drawing sheet index.
- Item 2: Sheet P1.1 Plumbing Plans Sheet
Replace this sheet dated 11.02.22 with the attached revised sheet of same title P1.1, dated December 5, 2022 and labeled Revision 01 (Addendum No. 4). Substantial changes include the following:
Update drawing waste design per Plumbing permitting review comments, see attached.
- Item 3: Sheet P2.1 Plumbing Legend, Schedules, Details and Specifications Sheet
Replace this sheet dated 11.02.22 with the attached revised sheet of same title P1.1, dated December 5, 2022 and labeled Revision 01 (Addendum No. 4). Substantial changes include the following:
Update drawing waste design per Plumbing permitting review comments, see attached.

Part C – Hackmeyer Ph2
General:

Clarifications:

- Item 1. The (3) existing exercise concrete slabs are currently finished with a paint coating that has barely any thickness to it but appears to have an integral grit or frictional component.
- We don't have product or specification information to share with Contractor's bidding on Phase 2 regarding the existing paint coating. But the Phase 2 scope of work requires that these (3) slabs shall be prepared per coating manf. requirements to be refinished with a new PIP surface per Dtl 2/AS1.1R02 (Addendum #2), note depth of new coating material shown and also note the red mark-ups for dimensions added to this attached sketch. See photos attached of each slab.
- Item 2. Please assume new PIP color composition of 50 color & 50 black as indicated at the in person walk-thru by PM Shannon.

- Item 3. Please assume the PIP surface shall be installed up to the existing slab control joint against the sidewalk with “transition zone” per Dtl 2/AS1.1R02.

END OF ADDENDUM NO. 4

INDEX TO DOCUMENTS – REVISED FOR ADDENDUM 04

SECTION NO.	DOCUMENT NAME
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SPECIFICATIONS: PART A

BIDDING AND CONTRACT REQUIREMENTS:

Section 00002	Seal Page
Section 00010	Index to Documents
Section 00100R01	Invitation to Bid
Section 00200	Instructions to Bidders – AIA Document A701
Section 00300	Supplementary Instructions to Bidders
Section 00400R01	Bid Form
	Sales Tax Form C-3A
	City of Mobile Subcontracting and Major Supplier Plan
Section 00500	Standard Form of Agreement Between Owner and Contractor – AIA Document A101 - 2007
Section 00600	Bonds, Certificates and Affidavits
	Performance Bond (Owner's modified form)
	Labor and Material Payment Bond (Owner's modified form)
	E-verify Documentation (Sample)
	Application and Certification for Payment - AIA Document G702 and AIA Document G703
	Certificate of Substantial Completion – AIA Document G704-2000
	Contractor's Affidavit of Payment of Debits & Claims - AIA Document G706
	Contractor's Affidavit of Release of Liens - AIA Document G706A
	Consent of Surety to Final Payment - AIA Document G707
	W-9 Request for Taxpayer Identification Number and Certification and City of Mobile Vendor Information Form
	City of Mobile DBE Utilization Report
Section 00700	General Conditions of the Contractor for Construction - AIA Document A201 - 2007

SPECIFICATIONS: PART A

DIVISION 1: GENERAL REQUIREMENTS

Section 01010	Summary of the Work
Section 01210	Allowances
Section 01220	Unit Prices
Section 01230R01	Alternative Bid Items
Section 01310	Project Management & Coordination
Section 01320	Construction Progress Documentation

Section 01330	Submittal Procedures
Section 01635	Substitution Procedures
Section 01700	Execution Requirements
Section 01710	Closeout Procedures
Section 01782	Operations and Maintenance Manuals
Section 01785	Project Record Documents

END OF INDEX FOR PART A

SPECIFICATIONS: FOR JAMES M. SEALS, JR. PARK - PART B

SECTION NO. BIDDING AND CONTRACT REQUIREMENTS & DIVISION 1
GENERAL REQUIREMENTS – (REFER TO PART A)

DIVISION 2: SITE CONSTRUCTION

Section 02361	Termite Control
Section 02400	Demolition and Structure Moving
Section 02525	Concrete Curbs and Walk

DIVISION 3: CONCRETE

Section 03365	Concrete Floor Sealer
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DIVISION 4: MASONRY

Section 04200	Unit Masonry
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DIVISION 5: METALS

Section 05500	Metal Fabrications
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DIVISION 6: WOOD AND PLASTIC

Section 06100	Rough Carpentry
Section 06415	Concrete Countertops

DIVISION 7: THERMAL AND MOISTURE PROTECTION

Section 07260	Vapor Retarders
Section 07310	Shingle Roofing
Section 07620	Sheet Metal Flashing and Trim
Section 07920	Joint Sealants

DIVISION 8: DOORS AND WINDOWS

Section 08110	Non-Security Steel Doors and Frames
Section 08333	Overhead Coiling Counter Doors
Section 08711	Door Hardware

DIVISION 9:	FINISHES	
	Section 09670	Resinous Flooring
	Section 09900	Paints and Coatings
DIVISION 10:	SPECIALTIES	
	Section 10172	Toilet Compartments & Underlavatory Shields
	Section 10280	Toilet Accessories
	Section 10431	Signs
	Section 10435	Defibrillators and Cabinets
	Section 10525	Fire Extinguisher
DIVISION 11:	EQUIPMENT (Not Used)	
DIVISION 12:	FURNISHINGS (Not Used)	
DIVISION 13:	SPECIAL CONSTRUCTION (Not Used)	
	Section 13930	Bleachers
DIVISION 14:	CONVEYING SYSTEMS (Not Used)	
DIVISION 15:	MECHANICAL	
	Section 15100	General Requirements for Mechanical Work
	Section 15200	Testing and Balancing
	Section 15400R01	Plumbing
	Section 15800	Heating, Ventilating and Air Conditioning Systems
DIVISION 16:	ELECTRICAL (Not Used)	

END OF INDEX - JAMES M. SEALS, JR. PARK - PART B

SPECIFICATIONS: FOR HACKMEYER PARK IMPROVEMENTS PHASE 2 – PART C

SECTION NO.	BIDDING AND CONTRACT REQUIREMENTS & DIVISION 1 GENERAL REQUIREMENTS – (REFER TO PART A)
DIVISION 2:	SITE CONSTRUCTION
	Section 02361 Termite Control
DIVISION 3:	CONCRETE (Not Used)
DIVISION 4:	MASONRY
	Section 04200 Unit Masonry
DIVISION 5:	METALS (Not Used)

DIVISON 6:	WOOD AND PLASTIC Section 06100 Rough Carpentry
DIVISON 7:	THERMAL AND MOISTURE PROTECTION Section 07920 Joint Sealants
DIVISON 8:	DOORS AND WINDOWS (Not Used)
DIVISON 9:	FINISHES Section 09000 Playground Protective Surfacing
DIVISON 10:	SPECIALTIES Section 10431 Signs
DIVISON 11:	EQUIPMENT (Not Used)
DIVISON 12:	FURNISHINGS Section 12870 Park Furnishings
DIVISON 13:	SPECIAL CONSTRUCTION (Not Used)
DIVISON 14:	CONVEYING SYSTEMS (Not Used)
DIVISON 15:	MECHANICAL (Not Used)
DIVISON 16:	ELECTRICAL (Not Used)

END OF INDEX – HACKMEYER PARK IMPROVEMENTS PHASE 2 – PART C

SECTION 15400R01 - PLUMBING

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. The work to be performed under this section of the Specification shall include all labor, materials, equipment, transportation, construction, facilities, and incidentals necessary for the proper execution and completion of all Plumbing work as shown and indicated on the Contract Drawings, and/or specified herein with the intent that the installation shall be complete in every respect and ready for use. The work required under this section of the specification shall include specifically, but is not limited to the following:
- B. Cold water piping and connections to new fixtures as shown or indicated on the drawings.
- C. Hot water supply piping including connections to new fixtures as shown or indicated on the drawings.
- D. A system of sanitary soil, waste, and vent piping including connections to existing services, and new fixtures as shown or indicated on the drawings.
- E. A system of thermal insulation for all new potable water piping.
- F. All fixtures and equipment as hereinafter specified, completely installed and operational.
- G. All necessary cutting and/or core drilling to install plumbing systems in this section.

1.2 RELATED DOCUMENTS

- A. Drawings and general provision of the Contract, including General and Supplementary Conditions and Division 1 specification sections apply to work specified in this section

1.3 GUARANTEE

- A. All materials and equipment provided and/or installed under this section of the specifications shall be guaranteed for a period of one year from the date of acceptance of the work by the Owner. Should any trouble develop during this period due to defective materials or faulty workmanship, the Contractor shall furnish all necessary labor and materials to correct the trouble without any cost to the Owner. Any defective materials or inferior workmanship noticed at the

time of installation and/or during the guarantee period shall be corrected immediately to the satisfaction of the architect.

1.4 CODES AND REGULATIONS

- A. All work performed under this section shall conform with all local governing regulations, and in case of conflicting requirements, the most stringent shall apply. Minimum requirements shall be the International Building Code. All electrically operated equipment specified in this section shall comply with the National Electrical Code.
- B. Should it be found that any part of the work shown or specified is not in accordance with local regulations, the Architect shall be so advised at the time of bidding and all work installed as required to meet the local codes.
- C. The Contractor shall comply with the latest revisions of all county, district, municipal, or local building codes, interpretations, buildings permits to include but not be limited to:

2021 International Building Code
2021 International Fuel Gas Code
2021 International Mechanical Code
2021 International Plumbing Code
NFPA-101 - Life Safety Code
Local Municipal Codes
2020 National Electrical Code (NFPA 72)

1.5 FEES AND PERMITS

- A. The Plumbing Subcontractor shall obtain and pay for all permits, fees for inspection, and other charges that may be necessary for fully completing the work. The Plumbing Subcontractor shall make all necessary tests required by City, County, or State authorities, legal regulations, and/or the Architect, and return to the Architect any certificates of approval issued in this district for plumbing work, etc. signed by the inspector in charge of each particular part of the work.

1.6 RECORD DRAWINGS

- A. Contractor shall keep a set of up-to-date as-built drawings on site at all times and log all changes made during construction period. No deviations from the drawings and specifications shall be made without full knowledge and consent of the Architect. Record drawings shall show dimensions, locations, and depth of all buried and concealed piping, plugged outlets, and equipment, and shall keep up-to-date. No plumbing progress payments will be approved unless as-

built drawings are up-to-date. Upon completion of work, drawings shall be turned over to the Architect.

1.7 COOPERATION

- A. The Contractor shall lay out and proceed with his work so that this work will be executed in harmony with all other contractors and trades on the job.

1.8 VISITING THE PREMISES

- A. The Contractor, before submitting his bid on the work, must visit the site and familiarize himself with all existing conditions. As a result of having visited the premises, the Contractor shall be responsible for the installation of the work as it relates to such existing conditions. The submission of a bid will be considered an acknowledgment on the part of the bidder of his visitation to the site.

1.9 VERIFICATION OF CONTRACT DRAWINGS

- A. The drawings and specifications are intended to cooperate. Any materials, equipment, or systems related to this section and exhibited on the architectural and plumbing drawings, but not mentioned in the specifications are to be executed to the intent and meaning thereof, as if it were both mentioned in the specification and set forth on the drawings. Where the Contractor finds the specification and/or drawings to be in conflict or where they are not clear, same shall be brought to the attention of the Architect prior to submitting a bid.
- B. The plans indicate the general arrangement of the existing utilities. The locations of piping are approximate for clarity. Exact locations shall be determined in the field by the Contractor. In the event it should become necessary to change the locations of any work due to building construction, etc., the Contractor shall secure the approval of the Architect before making the changes. Any changes approved by the Architect shall be made without added cost to the Owner. Under no circumstances shall the sizes indicated on the drawings be changed without securing written approval of the Architect.
- C. The drawings are diagrammatic and do not necessarily show or indicate all fittings, offsets, and accessories which may be required. The Contractor shall carefully investigate the structural and finish conditions affecting all his work as well as the operational requirements of each system and shall arrange such work accordingly, furnishing such fittings, etc., as may be required for the proper and efficient functioning of each system. No unnecessary or unauthorized offsets will be permitted.

1.10 WORKMANSHIP

- A. All workmanship performed under this section shall be executed in a first class manner in accordance with the best practices of the trade. The Architect reserves the right to accept or reject workmanship and determine when the Contractor has complied with the requirements herein specified. Only competent mechanics skilled in their respective trades shall be employed by the Contractor.

1.11 RESPONSIBILITY OF BIDDER

- A. Each bidder shall visit the site of the proposed work and fully acquaint himself with conditions relating to the construction requirements so that he may fully understand the facilities, difficulties and restrictions contingent upon the execution of the work under this contract. The failure or omission of any bidder to receive or examine any form, instrument, addendum or other document shall in no way relieve any bidder from his obligations with respect to his bid or the contract. The submission of a bid shall be taken as prima facie evidence of compliance with this paragraph and that he has included in his proposal every item of cost necessary for a complete installation of air conditioning, heating and ventilation operations strictly as planned, specified, and intended.

1.12 NOISE AND VIBRATION

- A. This Contractor shall be held responsible for elimination of all noises or vibrations transmitted to occupied areas from equipment which he may install. This applies particularly to vibration and noises in piping. He shall furnish and install water hammer arrestors, flexible connectors for piping, etc., as may be necessary.

1.13 SUBMITTAL DATA

- A. Materials and equipment schedules shall be submitted as soon as practicable, but not later than 30 days after the date of award of contract, and before commencement of installation of any material or equipment. A complete schedule of the material and equipment proposed for installation shall be submitted in proper binders (3-ring or fastener type), properly marked for approval by the Architect. The schedule shall include catalogs, cuts, diagrams, drawings, specifications and such other descriptive data as may be required by the Architect. The schedule and supplementary data shall be submitted in six (6) copies, and approval obtained. All materials required to be submitted for approval under this section shall be submitted at one time.

- B. Partial submittals will not be considered. Each item submitted shall be identified by its applicable drawing number.
- C. Where equipment named as equivalent or approved equal are proposed for use by the Contractor, he shall be responsible to coordinate any changes with all trades affected.
- D. The following equipment and material shall be submitted for approval:
 - 1. Valves
 - 2. Cleanouts
 - 3. Access Panels
 - 4. Insulation
 - 5. Plumbing fixtures, including traps, supplies, and carriers
 - 6. Grease Traps
 - 7. Water Hammer Arrestors
 - 8. Floor Drains
 - 9. Trap Primers
 - 10. Water Heaters

1.14 START-UP SERVICE

- A. The Contractor shall put all items installed under this section into operation and shall instruct the Owner's maintenance personnel in all points requiring service and maintenance. Further, the Contractor shall make all adjustments and/or service requirements to said equipment during the first 60 days of actual occupancy.

1.15 PIPING

- A. Provide pipe sleeves through masonry construction, and install escutcheon plates around exposed piping in all rooms.
- B. Soil, waste and vent lines shall be Schedule 40 PVC-DWV in accordance with Commercial Standards CS272-65 or ASTM Standards D2665-68. Soil, waste, and vent lines penetrating a fire rated wall or floor shall be service weight cast iron at the point of penetration only.
- C. All plastic pipe shall bear the NSF Seal of Approval, and such other markings as required by the aforementioned standards.
- D. Above slab cold water and hot water piping shall be Type "L" hard copper with sweated joints, using wrought fittings and non-corrosive flux. Below slab cold water piping shall be type "K" soft copper tubing.

1.16 PIPE SUPPORT

- A. Hangers: Support all suspended piping with clevis type hangers equal to Piping Technology and Products Fig. 83, 5'-0" o.c. When attached to open-web bar joists, the hanger shall be supported from both chords at the same time. The hanger is preferred to pass between the chords, not attached to the webbing member, and supported on top of the chords. This is a concentric application. Architect shall approve all methods of attachment of hangers to construction. Hangers in contact with copper piping shall be copper, or copper plated.
- B. Vertical Support: Steel bar base clamped to pipe or grip strut channel with offset clamps. Support members to be of same material as supported material where possible.
- C. All anchorages shall be to studs or solid blocking built into the wall. No plumbing straps shall be used.

1.17 PIPING PLACEMENT

- A. Place in most direct manner permitted by construction, free of unnecessary offsets, making changes in direction by means of standard fittings.
- B. Grade 2" waste lines 1/4" per foot and 3" and 4" waste lines 1/8" per foot for positive flow. Secure all piping to structure.

- 1. Changes in direction of drainage pipe shall be made by means of suitable bends and branches of Y's and long sweeps. Short radius quarter bends are prohibited. Make no change in direction of flow greater than 90°. Where different sizes of drainage pipes or fittings are connected, use standard increasers and reducers of proper size. Do not reduce size of drainage piping in direction of flow. Drilling and tapping of house drains, soil waste or vent pipes, and use of saddle hubs and bands are prohibited.

Waste Arms: Type "K" copper or IPS brass pipe typical; Alloy steel or IPS brass pipe at urinals.

Test Fittings: Not shown on the drawings; provide where required for partial tests. Provide test tees at base of all stacks.

- 2. Hand holes with brass ferrules and brass trap screws for cleanouts shall be placed at ends of soil and waste pipe and where otherwise shown on plans or as required on job. Cleanouts to be brought flush with face of walls. All threaded plugs shall be full size of pipe on which placed up to 4".

- C. Soil Pipe: Support to firm earth below floor slabs.
 - 1. Changes in direction of drainage pipe shall be made by means of suitable bends and branches of Y's and long sweeps. Short radius quarter bends are prohibited.
 - 2. Connections of vertical soil pipe to all connections in horizontal soil pipe to be made by "Y" fittings.
- D. Vent Pipes:
 - 1. Main soil pipe stacks to be extended up through the building full size with increaser through roof per code.
 - 2. Connect branch vents into main stacks with connections not less than 4 feet above the highest fixture.
 - 3. All vent stacks shall be connected at the bottom to main drainage system and all horizontal runs shall be graded so as to discharge all water or condensation.

Water Piping: Place supply pipes as shown or as directed in neat arrangement and parallel or at right angles to walls, joists, etc.

Place shock absorbers at each fixture group as recommended by manufacturer. Shock absorbers shall be PDI certified.

Place valves on all water pipe risers and branch lines at point where risers and branch lines connect to main water lines.

PART 2 – PRODUCTS

2.1 WATER PIPING

- A. All water piping, unless otherwise shown or specified shall be copper pipe Type L or K as specified having a wall thickness of not less than .035 inches. It shall be clean, round, straight, and true to size, free from flaws and other defects.

All fittings on copper pipe shall be copper. The pipe and fittings shall be thoroughly cleaned before inserting into the joint and then soldered with lead free solder.

UNIONS

Unions shall be provided on inlet and outlet of all apparatus and equipment. Where valves are adjacent to equipment, unions shall be between valves and equipment.

Unions in copper pipe shall be cast bronze, WOG pattern, ground joint, 150 psi type.

Unions in steel pipe shall be malleable iron, WOG female pattern brass seat, ground joint, 150 psi type.

Unions connecting dissimilar metals shall be dielectric type.

VALVES AND COCKS

Valves and cocks shall be installed where shown on the drawings, and/or where found to be necessary for proper operation of the system. All branches from risers, all branches from mains, and all fixtures or equipment not having stops shall be provided with valves whether shown or not.

Angle or straightway chromium plated stops on the supplies to all fixtures accessible from the same room in which the fixtures are located.

All valves shall be the product of one manufacturer as cataloged by Milwaukee, Stockham, Crane, or Nibco.

For water piping, valves shall be equal to 125 psi SWP/200 psi WOG Nibco as follows:

Gate valves 1/2" to 3" = S-111.

Ball valves 1/2" to 2" = S-585.

Check valves 1/2" to 3" = S-413W.

WALL HYDRANTS

Interior wall hydrants shall be encased, anti-siphon, automatic draining, keyed with nickel bronze face plate. Mount flush with wall. Wall hydrant shall be equal to Zurn Z-1330-XL. Coordinate wall thickness at installation location. Adjust location as necessary to enclose piping within the wall.

Exterior wall hydrants shall be encased, anti-siphon, automatic draining, non-freeze, with nickel bronze faceplate, keyed hinged cover. Wall hydrant shall be equal to Zurn Z-1322-EZ. Coordinate wall thickness at installation location. Adjust location as necessary to enclose piping within the wall.

THERMAL INSULATION WORK

All insulation work shall be performed by experienced insulation application mechanics thoroughly familiar with and experienced in the application of insulation materials. All insulation materials shall be applied in accordance with manufacturer's published recommended methods. Installation and finish of insulation materials shall meet with complete data for approval of materials and application methods as proposed for use. All piping shall be pressure tested and all surfaces shall be thoroughly cleaned before covering is applied. Insulation materials, including sealer, adhesive, finished, etc., shall meet NFPA Standards with regard to flame spread and support of combustion.

All domestic cold water piping and all hot domestic water piping less than 1-1/2" in diameter shall be covered with 1" thick heavy density fiberglass sectional pipe insulation equal to Owens Corning Fiberglass 25 ASJ/SSL, excluding piping below grade or chromium plated fixture connections. All hot domestic water piping 1-1/2" in diameter or larger shall be covered with 1-1/2" thick heavy density fiberglass sectional pipe insulation equal to Owens Corning Fiberglass 25 ASJ/SSL, excluding piping below grade or chromium plated fixture connections. All piping inside masonry walls shall be insulated; no exceptions. Armaflex type insulation shall be allowed only before building is dried-in in those locations which will be inaccessible for the installation of the aforementioned fiberglass insulation. All exposed hot and cold water piping shall be labelled as required by ASME A13.1.

Fittings for the above shall be insulated with premolded fitting insulation of the same material and thickness as the adjacent insulation and shall be covered with a premolded plastic (PVC) vapor barrier and sealed with vapor barrier lagging adhesive. Covering adjacent to unions and other points of termination shall be finished with the plastic material neatly beveled.

It shall be the responsibility of the insulation subcontractor to coordinate hanger locations and prevent crushing or breaking finishes. Provide saddles with blocking as necessary.

Contractor shall insulate hot water supply assembly and P-Trap assembly with insulation kit equal to Brocar or Trubro on handicapped lavatories.

FLOOR, WALL, AND CEILING PLATES

Nickel plated floor, wall, and ceiling plates shall be provided on all pipes passing through floor, ceiling, or partition. Nickel or chromium plated escutcheons shall be provided on all fixture supplies.

PLUMBING FIXTURES AND EQUIPMENT

Provide roughing-in for and connect to supply lines, waste and vent lines, all equipment, fixtures, drains, etc., specified herein or in other sections of the specifications which require such connections.

Provide stops in hot and cold water connections to each fixture, equipment items, etc. Where not otherwise specified, stops shall be same as specified hereinbefore for ball valves. Provide deep escutcheon on all sinks and lavatories where waste pipe goes into wall. Anchor all supplies from wall securely within wall construction.

Provide stops for all fixtures. Traps for all fixtures shall be 17- gauge chromium plated brass.

Plumbing fixtures shall be equal to American Standard, Crane, Kohler, Just, Elkay or Eljer. Faucets and valves shall be equal to Sloan, Zurn, Delta, American Standard, Kohler, Just or T&S Brass. No others will be accepted.

Plumbing fixtures shall be as follows:

P-1 WATER CLOSET: American Standard Madera FloWise 15" elongated with Everclean. 3453.001 Elongated bowl only, back spud with 5905.100 Extra heavy duty open front seat less cover and Sloan Royal 952 1.6 gpf flushometer.

P-1A HANDICAP WATER CLOSET: American Standard Madera FloWise 16.5" elongated LESS Everclean. 3249.001 Elongated bowl only, back spud with 5905.100 Extra heavy duty open front seat less cover and Sloan Royal 952 1.6 gpf flushometer.

P-2 URINAL: American Standard Washbrook FloWise universal wall hung urinal. 6515.001 universal back spud, vitreous china with Sloan Royal 995-1.0 flush valve and Zurn Z1222 wall carrier.

P-2A HANDICAP URINAL: American Standard Washbrook FloWise universal wall hung urinal. 6515.001 universal back spud, vitreous china with Sloan Royal 995-1.0 flush valve and Zurn Z1222 wall carrier. Mount fixture in compliance with ADA for handicap use.

P-3A HANDICAP LAVATORY: Trueform Concrete 20" ADA Floating Concrete Ramp Sink Model FLO-20V-ADA (or equal) with two brackets; FSB-L-S, Shroud SHRD-17, and Sloan Optima Sensor Faucet, 3335157.

P-3B HANDICAP LAVATORY: Trueform Concrete 72" ADA Floating Concrete Double Ramp Sink Model FLO-72V-DBL-ADA (or equal) with three brackets; FSB-XL, Shroud 2X SHRD-17, and Sloan Optima Sensor Faucet, 3335157.

P-4 CONCESSION HAND SINK: Advance Tabco Standard Hand Sink model 7-PS-45 with 7-PS-68 faucet. 4" O.C. splash-mounted gooseneck faucet with wrist handles. Provide with Zurn wall carrier, 17-gauge P-Trap, continuous waste, and flexible supplies.

P-5 CONCESSION TRIPLE SINK: Perlick Sink model TS(D)53C with 10" deck-mounted swing spout faucet with wrist handles.

P-6 DRINKING FOUNTAIN with BOTTLE FILLING STATION: Elkay EZH2O Vandal-Resistant Mechanical Bottle-Filling Station and Bi-Level Cooler Model VRCTLDDWSK MECH with floor-supported carrier and cane apron.

Floor Drains (Typical locations) Zurn ZN-415S Series with polished nickel bronze, square heel-proof strainer and adjustable collar. Floor drains shall be provided with trapguard device (or equal) as trap primer alternate as indicated on plans. (for AHU drainage) Zurn

ZN-415I Series with nickel bronze top and "Type I" polished nickel bronze strainer with raised flange. Floor drains shall be provided with trap guard device, (or equal), as indicated on plans. Floor drains shall be provided with trap primer tap or trap guard device where indicated on plans.

Floor Sink: Sani-floor receptors, J. R. Smith Model 3150 with 12" x 12" slotted grate and interior dome strainer. Coordinate grate types and exact locations of floor sinks with kitchen equipment supplier.

CLEANOUTS

Provide in cast iron sanitary piping at all changes in direction at ends of branches, at intervals not exceeding 40' on straight runs, and elsewhere as shown. Cleanouts shall be full opening type completely accessible. Size same as lines in which they occur, but not larger than 4". Tees and extensions shall be of same weight as pipe. Plugs shall be countersunk type. Catalog numbers from Josam or approved equal.

Outside cleanouts to grade shall be brought up flush with finished grade and installed in 18" x 18" x 6" concrete pad, cleanout plug shall be countersunk.

In Concrete Floors: 58190, adjustable head, cast iron head and ferrule with ABS plug, round loose set scoriated tractor cover.

In Outside Line: 58190 cast iron head and ferrule with ABS plug. Terminate at grade or pavement in 18" x 18" x 6" concrete pad with tooled edges.

In Finished Walls: 58790 cast iron cleanout tee with ABS plug and stainless steel wall plate cover. Where distance from plug to finish wall will exceed 4", provide 58710 extend cover from sanitary tee to bring plug within 4".

ELECTRIC TANK-TYPE WATER HEATERS

Provide electric water heater with high efficiency stainless steel sheathed elements which comply with ASHRAE Standard 90-75. Water heaters shall have capacity as scheduled and shall be equal in all respects to Rheem. Provide with 3" diameter thermometer gauge on discharge line, auxiliary drain pan, T&P relief valve, expansion tank, and vacuum breaker.

Provide Watts 100XL temperature and pressure relief valve, Watts N36 vacuum relief valve, galvanized drain pan, and 5-year warranty on tank. See schedule for electrical characteristics.

If the water heater has a storage capacity over 120 gallons or a heating rate of 56kW or greater, a boiler installation permit must be obtained from the State of Alabama

Department of Labor. The heater installation and piping must also be inspected and approved by the State of Alabama Department of Labor.

PART 3 - EXECUTION

COMPLETION OF WORK

This Contractor shall arrange for the installation of all equipment in order that it progresses along with the general construction of the building, and in no case shall be hold up other phases of the work due to the fact his equipment is not properly installed.

TESTING

General: Perform all tests in the presence of the Architect or his representative. Test shall conform to local code requirements. File copies of all test reports in duplicate to physical plant.

Soil, Waste, and Vent Systems: Plug all openings, fill entire system with water to point of overflow and hold for at least one hour before inspection. System must remain full during the test without leakage. Each vertical stack with its branches may be tested separately, but any portion tested must have a 10' head. Provide test tees and plugs for all tests as required.

Drainage and Vent Systems final test. Fill all traps with water and then introduce into the entire system a pungent, thick smoke produced by one or more smoke machines. When the smoke appears at stack openings on the roof, the stack openings shall be closed and a pressure equivalent to a one-inch water column shall be held for a test period of not less than 15 minutes. The plumbing contractor shall provide all materials, equipment and labor to perform this testing.

Water Supply System: Test and secure acceptance of entire system before the piping or hot water heaters are otherwise concealed. Test as follows: Disconnect and cap all outlets to plumbing fixtures and all other equipment not designed for the full test pressure. Fill the system with water; apply 150 psi hydrostatic pressure and hold until inspection is completed. All piping throughout shall be tight under test. Water piping shall remain under normal water pressure during construction where freezing conditions do not exist.

DISINFECTION

Disinfect all domestic water piping in accordance with local health department guidelines.

ATTACHMENTS

General: Contractor to execute originals of attached copies.

Copy of Permit Request to Install Boiler or Pressure Vessel, State of Alabama Department of Labor

Copy of Boiler and Pressure Vessel Inspection Report, State of Alabama Department of Labor

ATTACHMENTS:

JAMES M. SEALS, JR. PARK -
ATHLETIC RESTROOM / CONCESSION
AND FIELD IMPROVEMENTS
PR-041-20

504 TEXAS STREET, MOBILE, ALABAMA 36603

INDEX OF DRAWINGS – ADDENDUM 04

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6	T1.1			S5.0	SECTIONS AND DETAILS	--	11.02.22
	T1.2						
	BCS1			A1.1	NEW FLOOR PLAN	01	11.07.22
				A1.2	DIMENSION & REFLECTED CEILING PLANS	01	11.07.22
5				A1.3	ROOF PLAN & DETAILS	01	11.07.22
	ASD1			A2.1	BUILDING ELEVATIONS – SOUTH & EAST	01	11.07.22
	AS1			A2.2	BUILDING ELEVATIONS – NORTH & WEST	01	11.07.22
				A3.1	BUILDING SECTIONS & DETAILS	01	11.07.22
4	C1.0			A4.1	INTERIOR ELEVATIONS, DETAIL PLANS & SECTIONS	01	11.07.22
	C2.0			A4.2	INTERIOR ELEVATIONS – CONCESSION & FAMILY ROOM	01	11.07.22
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3	C4.0			M1.1	MECHANICAL PLAN	--	11.02.22
	C5.0						
	C6.0			P1.1	PLUMBING PLANS	01	12.05.22
	C7.0			P2.1	PLUMBING LEGEND, SCHEDULES, DETAILS AND SPECS	01	12.05.22
	C8.0						
2				E0.0	ELECTRICAL LEGEND	--	11.02.22
	S0.0			E1.1	ELECTRICAL PLANS	--	11.02.22
	S1.0						
	S2.0						
1	S3.0						
	S4.0						

PROJECT TEAM

PROPERTY OWNER
CITY OF MOBILE
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MOBILE, AL 36608
CONTACT: SHANNON MCINTYRE
(251) 208-7635 OFFICE
(251) 508-7752 CELL

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(251) 895-4200 CELL

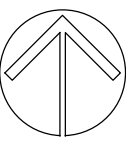
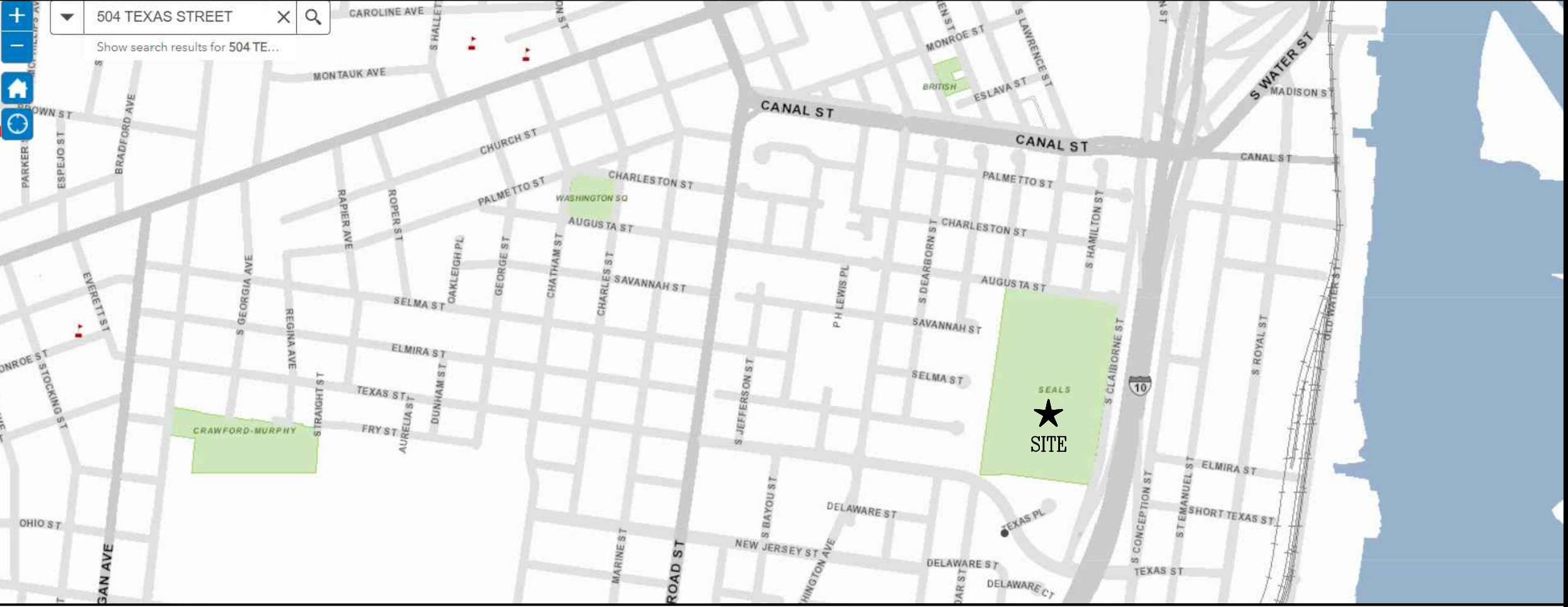
STRUCTURAL
BARTON & SUMER ENGINEERING, LLC
3213 MIDTOWN PARK SOUTH
MOBILE, AL 36606
CONTACT: RUSSELL BARTON, PE
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(251) 689-3398 CELL

MECHANICAL, ELECTRICAL & PLUMBING
H.M. YONGE & ASSOCIATES, INC.
253 ST. ANTHONY STREET
MOBILE, AL 36603
MECH CONTACT: MATT YONGE, PE
(251) 690-7446 OFFICE
(850) 377-6107 CELL
ELEC CONTACT: ARUN T. VARGHESE, PE
(251) 434-2661 EXT.112 OFFICE
(850) 607-0094 CELL

LOCATION MAP



VICINITY MAP



MAURIN ARCHITECTURE P.C.

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251 690 7460 INFO@MAURINARCH.COM

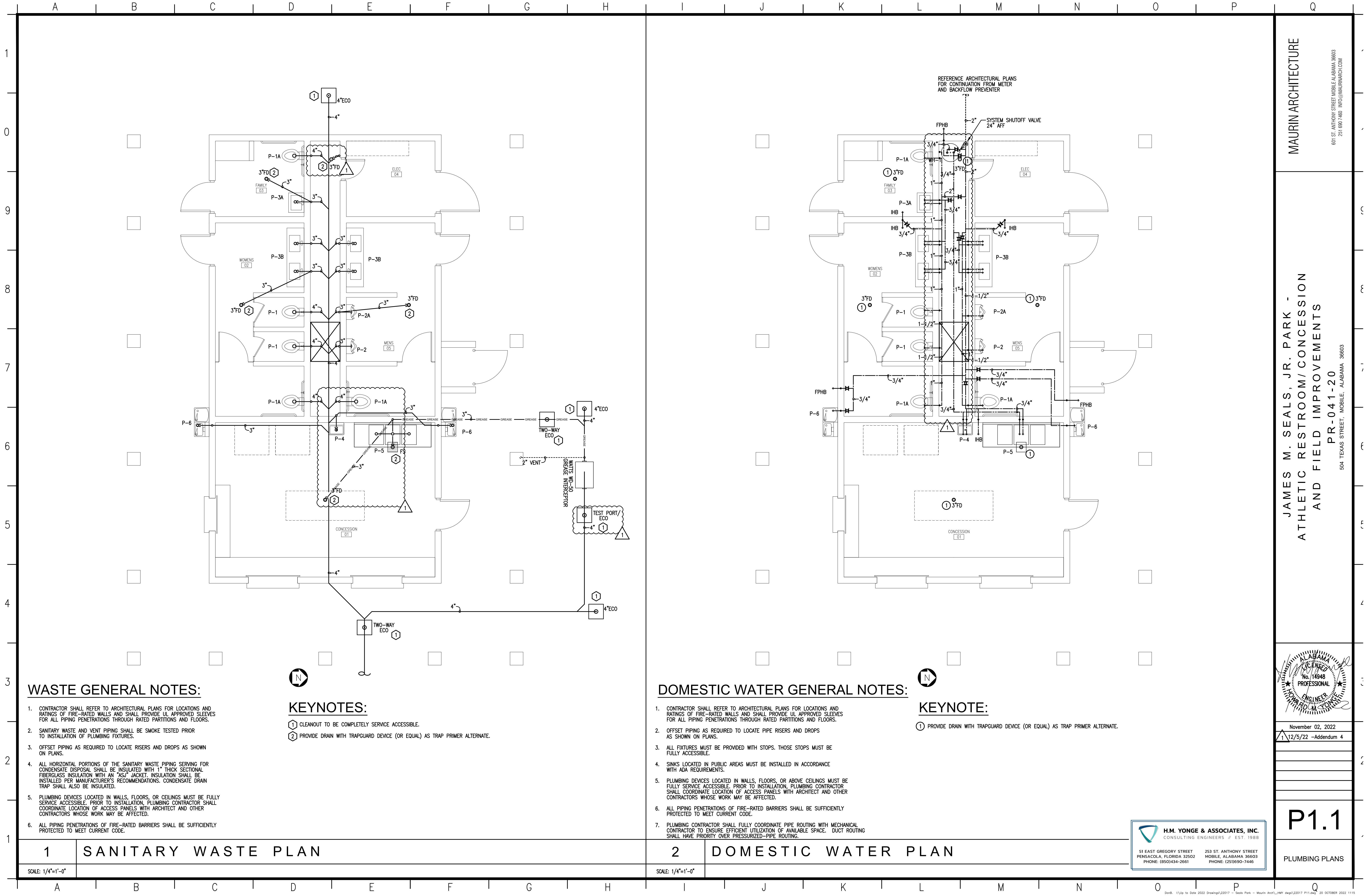
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AND FIELD IMPROVEMENTS
PR-041-20
504 TEXAS STREET, MOBILE, ALABAMA 36603



1 1 . 0 2 . 2 0 2 2
ADDENDUM 01 – 11.07.22
ADDENDUM 02 – 11.22.22
ADDENDUM 04 – 12.05.22

T1.1

TITLE
SHEET

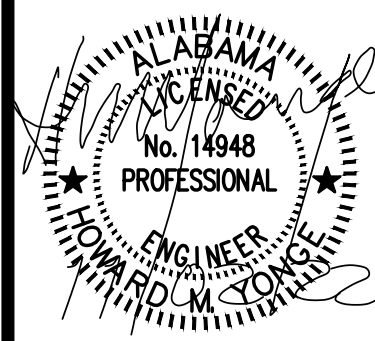


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November 02, 2022
12/5/22 -Addendum 4

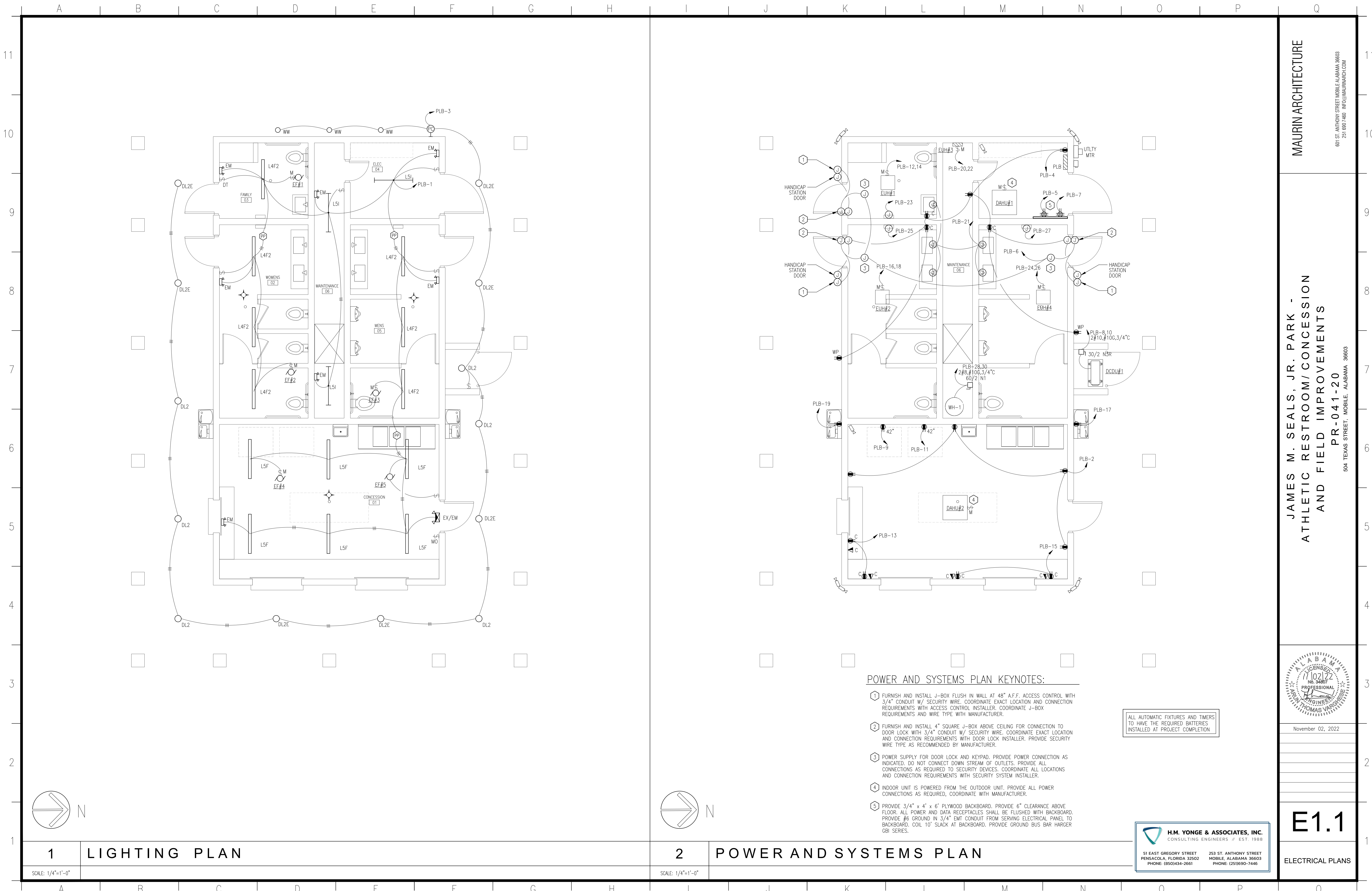
P1.1

PLUMBING PLANS

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661

253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446



1 LIGHTING PLAN

2 POWER AND SYSTEMS PLAN

POWER AND SYSTEMS PLAN KEYNOTES:

- 1 FURNISH AND INSTALL J-BOX FLUSH IN WALL AT 48" A.F.F. ACCESS CONTROL WITH 3/4" CONDUIT W/ SECURITY WIRE. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH ACCESS CONTROL INSTALLER. COORDINATE J-BOX REQUIREMENTS AND WIRE TYPE WITH MANUFACTURER.
- 2 FURNISH AND INSTALL 4" SQUARE J-BOX ABOVE CEILING FOR CONNECTION TO DOOR LOCK WITH 3/4" CONDUIT W/ SECURITY WIRE. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH DOOR LOCK INSTALLER. PROVIDE SECURITY WIRE TYPE AS RECOMMENDED BY MANUFACTURER.
- 3 POWER SUPPLY FOR DOOR LOCK AND KEYPAD. PROVIDE POWER CONNECTION AS INDICATED. DO NOT CONNECT DOWN STREAM OF OUTLETS. PROVIDE ALL CONNECTIONS AS REQUIRED TO SECURITY DEVICES. COORDINATE ALL LOCATIONS AND CONNECTION REQUIREMENTS WITH SECURITY SYSTEM INSTALLER.
- 4 INDOOR UNIT IS POWERED FROM THE OUTDOOR UNIT. PROVIDE ALL POWER CONNECTIONS AS REQUIRED, COORDINATE WITH MANUFACTURER.
- 5 PROVIDE 3/4" x 4' x 6' PLYWOOD BACKBOARD. PROVIDE 6" CLEARANCE ABOVE FLOOR. ALL POWER AND DATA RECEPTACLES SHALL BE FLUSHED WITH BACKBOARD. PROVIDE #6 GROUND IN 3/4" EMT CONDUIT FROM SERVING ELECTRICAL PANEL TO BACKBOARD. COIL 10' SLACK AT BACKBOARD. PROVIDE GROUND BUS BAR HARGER GBI SERIES.

ALL AUTOMATIC FIXTURES AND TIMERS TO HAVE THE REQUIRED BATTERIES INSTALLED AT PROJECT COMPLETION

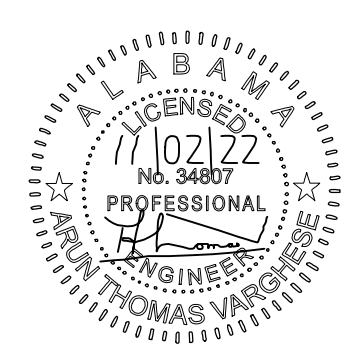
H.M. YONGE & ASSOCIATES, INC.
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PR-041-20

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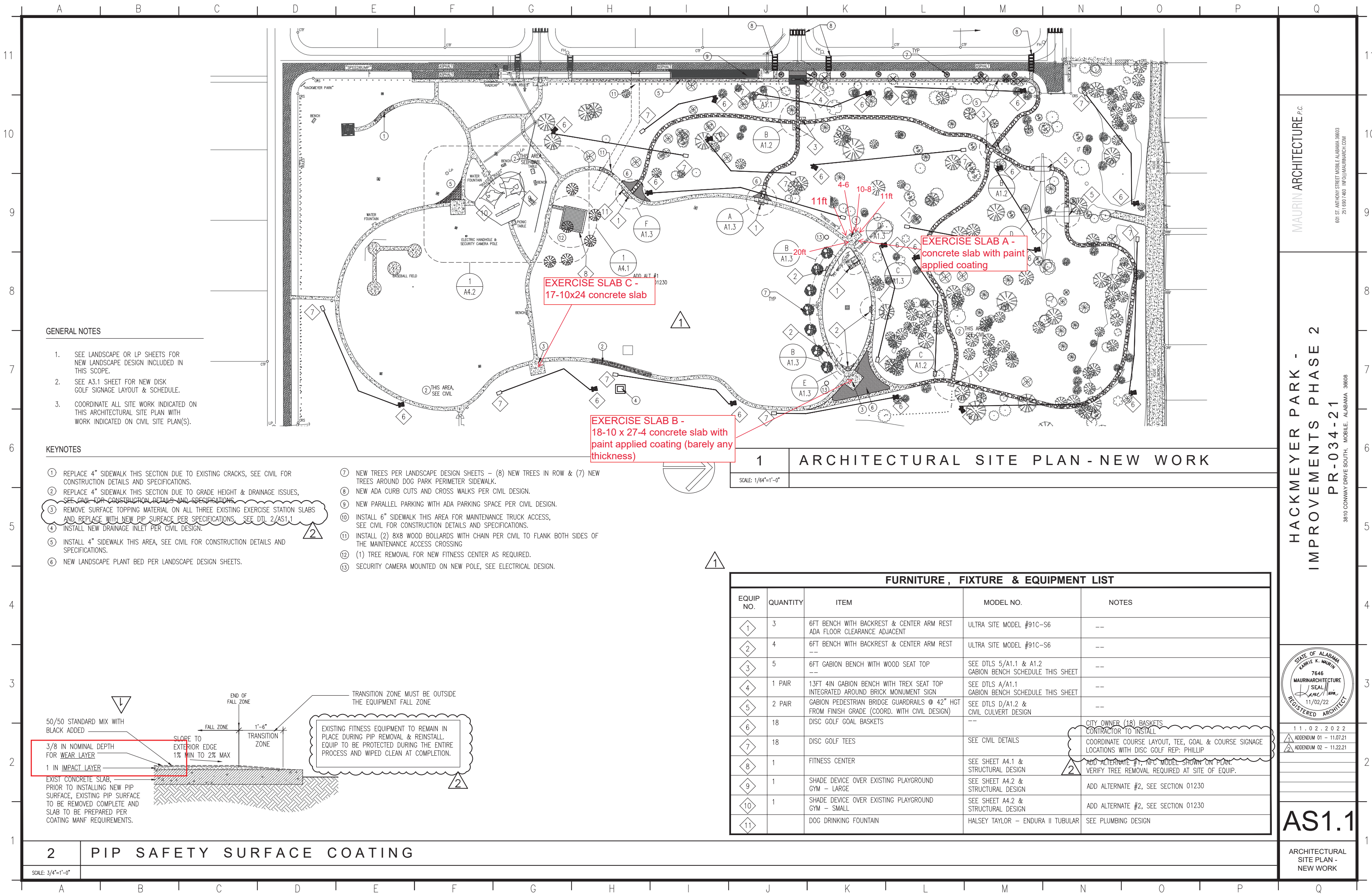
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November 02, 2022

E1.1

ELECTRICAL PLANS



GENERAL NOTES

1. SEE LANDSCAPE OR LP SHEETS FOR NEW LANDSCAPE DESIGN INCLUDED IN THIS SCOPE.
2. SEE A3.1 SHEET FOR NEW DISK GOLF SIGNAGE LAYOUT & SCHEDULE.
3. COORDINATE ALL SITE WORK INDICATED ON THIS ARCHITECTURAL SITE PLAN WITH WORK INDICATED ON CIVIL SITE PLAN(S).

KEYNOTES

- ① REPLACE 4" SIDEWALK THIS SECTION DUE TO EXISTING CRACKS, SEE CIVIL FOR CONSTRUCTION DETAILS AND SPECIFICATIONS.
- ② REPLACE 4" SIDEWALK THIS SECTION DUE TO GRADE HEIGHT & DRAINAGE ISSUES, SEE CIVIL FOR CONSTRUCTION DETAILS AND SPECIFICATIONS.
- ③ REMOVE SURFACE TOPPING MATERIAL ON ALL THREE EXISTING EXERCISE STATION SLABS AND REPLACE WITH NEW PIP SURFACE PER SPECIFICATIONS. SEE DTL 2/AS1.1
- ④ INSTALL NEW DRAINAGE INLET PER CIVIL DESIGN.
- ⑤ INSTALL 4" SIDEWALK THIS AREA, SEE CIVIL FOR CONSTRUCTION DETAILS AND SPECIFICATIONS.
- ⑥ NEW LANDSCAPE PLANT BED PER LANDSCAPE DESIGN SHEETS.
- ⑦ NEW TREES PER LANDSCAPE DESIGN SHEETS - (8) NEW TREES IN ROW & (7) NEW TREES AROUND DOG PARK PERIMETER SIDEWALK.
- ⑧ NEW ADA CURB CUTS AND CROSS WALKS PER CIVIL DESIGN.
- ⑨ NEW PARALLEL PARKING WITH ADA PARKING SPACE PER CIVIL DESIGN.
- ⑩ INSTALL 6" SIDEWALK THIS AREA FOR MAINTENANCE TRUCK ACCESS, SEE CIVIL FOR CONSTRUCTION DETAILS AND SPECIFICATIONS.
- ⑪ INSTALL (2) 8X8 WOOD BOLLARDS WITH CHAIN PER CIVIL TO FLANK BOTH SIDES OF THE MAINTENANCE ACCESS CROSSING
- ⑫ (1) TREE REMOVAL FOR NEW FITNESS CENTER AS REQUIRED.
- ⑬ SECURITY CAMERA MOUNTED ON NEW POLE, SEE ELECTRICAL DESIGN.

1 ARCHITECTURAL SITE PLAN - NEW WORK

SCALE: 1/64"=1'-0"

FURNITURE, FIXTURE & EQUIPMENT LIST

EQUIP NO.	QUANTITY	ITEM	MODEL NO.	NOTES
①	3	6FT BENCH WITH BACKREST & CENTER ARM REST ADA FLOOR CLEARANCE ADJACENT	ULTRA SITE MODEL #91C-S6	--
②	4	6FT BENCH WITH BACKREST & CENTER ARM REST	ULTRA SITE MODEL #91C-S6	--
③	5	6FT GABION BENCH WITH WOOD SEAT TOP	SEE DTLS 5/A1.1 & A1.2 GABION BENCH SCHEDULE THIS SHEET	--
④	1 PAIR	13FT 4IN GABION BENCH WITH TREX SEAT TOP INTEGRATED AROUND BRICK MONUMENT SIGN	SEE DTLS A/A1.1 GABION BENCH SCHEDULE THIS SHEET	--
⑤	2 PAIR	GABION PEDESTRIAN BRIDGE GUARDRAILS @ 42" HGT FROM FINISH GRADE (COORD. WITH CIVIL DESIGN)	SEE DTLS D/A1.2 & CIVIL CULVERT DESIGN	--
⑥	18	DISC GOLF GOAL BASKETS	--	CITY OWNER (18) BASKETS CONTRACTOR TO INSTALL
⑦	18	DISC GOLF TEES	SEE CIVIL DETAILS	COORDINATE COURSE LAYOUT, TEE, GOAL & COURSE SIGNAGE LOCATIONS WITH DISC GOLF REP: PHILLIP
⑧	1	FITNESS CENTER	SEE SHEET A4.1 & STRUCTURAL DESIGN	ADD ALTERNATE #1, N/C MODEL SHOWN ON PLAN. VERIFY TREE REMOVAL REQUIRED AT SITE OF EQUIP.
⑨	1	SHADE DEVICE OVER EXISTING PLAYGROUND GYM - LARGE	SEE SHEET A4.2 & STRUCTURAL DESIGN	ADD ALTERNATE #2, SEE SECTION 01230
⑩	1	SHADE DEVICE OVER EXISTING PLAYGROUND GYM - SMALL	SEE SHEET A4.2 & STRUCTURAL DESIGN	ADD ALTERNATE #2, SEE SECTION 01230
⑪		DOG DRINKING FOUNTAIN	HALSEY TAYLOR - ENDURA II TUBULAR	SEE PLUMBING DESIGN

2 PIP SAFETY SURFACE COATING

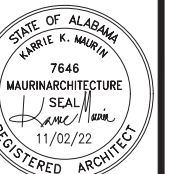
SCALE: 3/4"=1'-0"

MAURIN ARCHITECTURE P.C.

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HACKMEYER PARK -
IMPROVEMENTS PHASE 2
PR-034-21

3810 CONWAY DRIVE SOUTH, MOBILE, ALABAMA 36608



1 1 . 0 2 . 2 0 2 2
ADDENDUM 01 - 11.07.21
ADDENDUM 02 - 11.22.21

AS1.1

ARCHITECTURAL
SITE PLAN -
NEW WORK

EXERCISE SLAB A



EXERCISE SLAB A



EXERCISE SLAB A



EXERCISE SLAB B





EXERCISE SLAB B



EXERCISE SLAB C



EXERCISE SLAB C

