RITTER MAHER
ARCHITECTS

ADDENDUM 03

Project	Lipsey's – Warehouse Addition & Site Improvements	Date	08/25/2020
Project Location	7277 Exchequer, Baton Rouge, LA 70809	Architect's Project Number	19.060
Owner/Client	Lipsey's	File	This is page 1 of 3
To	Cangelosi Ward General Contractors	Attention	Marc Lundin
Address			
		State	Zip Code

This Addendum will become part of the Contract Documents. The Contractor shall promptly inform subcontractors and all others performing or supplying any of the Work of all relevant contents of this Addendum. In case of conflicting provisions with previous addenda or communications, provisions in this Addendum supersede only those conflicting issues. It is the responsibility of the Contractor to notify all subcontractors from whom it accepts bids of all changes in the drawings and specifications covering this project. Receipt shall be acknowledged by inserting the addendum number and its date in the bid form.

Distribution

Prepared by	Sereya Yorn	Date Signed	08/25/2020

Instructions / Description / References / Dates

The following shall be incorporated into the construction documents:

New Specification Sections

1. 03 35 43 – Bonded Abrasive Polished Concrete Floors

Revised Drawing Sheets

2. G6.0 – CIVIL SITE UTILITY PLAN
    - Irrigation sleeves added.
    - Fire water connection revised.

3. A1.1 – ARCHITECTURAL SITE PLAN
    - Keynote 24 revised.
        i. Provide a pre-manufactured metal shed to house the air compressor.
        ii. Basis-of-Design: ShelterLogic model #DSM44 (4'x4')
    - Keynote 26 added.

4. A1.2 – SITE DETAILS
    - Detail (9) added.

5. A2.1 – FLOOR PLAN
    - Toilet 113 sink revised.

2987 Government Street, 2nd Floor | Baton Rouge, LA 70806
p 225.383.4321

6. A2.2 – EQUIPMENT LAYOUT
    - Keynotes 10 & 11 added.
        i. Floor mounted steel pipe bollard.
        ii. Floor mounted steel angle rail.
    - Detail (2) added.

7. A5.0 – EXTERIOR ELEVATIONS
    - Keynote 17 added.
        i. Pre-finished metal wall panel. Reference specifications for panel type.

8. A6.0 – BUILDING SECTIONS
    - Ceiling fans removed.

9. A8.0 – FINISH PLANS
    - Toilet 113 sink revised from wall mounted lavatory to wall mount millwork vanity.

10. A8.1 – REFLECTED CEILING PLAN
    - Ceiling Fans removed.

11. A8.2 – INTERIOR ELEVATIONS & SCHEDULES
    - Solid Surface material added.
        i. Selection TBD from manufacturers standard and premium colors.
    - Detail (1) sink/vanity elevation revised & millwork section marker added.
    - Detail (4) added.

12. S3.0 – ROOF FRAMING PLAN
    - Suspended mechanical unit weights added.

13. S4.3 – STRUCTURAL DETAILS
    - Detail (9) added.

14. M2.1 – MECH PLAN
    - AHU-1 location revised.
    - CU-1 location revised.
    - (2) Ceiling fans removed.

15. M3.1 – MECH ROOF PLAN
    - Air intake locations revised.

16. M5.1 – MECH SCHEDULES
    - Mechanical fan scheduled revised.

17. P1.0 – PLUMBING SITE DEMO
    - Notes revised.

2987 Government Street, 2nd Floor | Baton Rouge, LA 70806
p 225.383.4321

18. P4.1 – PLUMBING SCHEDULE
    - Fixture (L-1) revised.

19. E1.1 – ELECTRICAL SITE PLAN
    - Parking lot pole light locations revised.

20. E2.1 – ELECTRIAL FLOOR PLAN
    - Keynotes 13, 14 ,& 15 added.

21. E2.2 – LIGHTING PLAN
    - Alternate No. 1
        i. (2) new lights added at existing warehouse office area.

22. E3.0 – ELECTRICAL LINE DIAGRAM
    - Panel schedules revised.
    - Riser diagram revised.

2987 Government Street, 2nd Floor | Baton Rouge, LA 70806
p 225.383.4321

SECTION 00 01 10 - TABLE OF CONTENTS

PROCUREMENT AND CONTRACTING REQUIREMENTS

DIVISION 00 -- PROCUREMENT AND CONTRACTING REQUIREMENTS

00 01 02 - Project Information

00 01 03 - Project Directory

00 01 10 - Table of Contents

00 21 13 - Instructions to Bidders

00 31 00 - Available Project Information

00 31 01 - Geotech Report

00 43 25 - Substitution Request Form - During Procurement

00 43 73 - Proposed Schedule of Values Form

00 60 00 - Project Forms

00 72 00 - General Conditions

SPECIFICATIONS

DIVISION 01 -- GENERAL REQUIREMENTS

01 10 00 - Summary

01 20 00 - Price and Payment Procedures

01 21 00 - Allowances

01 23 00 - Alternates

01 25 00 - Substitution Procedures

01 30 00 - Administrative Requirements

01 40 00 - Quality Requirements

01 50 00 - Temporary Facilities and Controls

01 51 00 - Temporary Utilities

01 60 00 - Product Requirements

01 70 00 - Execution and Closeout Requirements

01 78 00 - Closeout Submittals

01 79 00 - Demonstration and Training

DIVISION 02 -- EXISTING CONDITIONS

02 41 00 - Demolition

DIVISION 03 -- CONCRETE

03 10 00 - Concrete Forming and Accessories

03 15 00 - Concrete Accessories

03 20 00 - Concrete Reinforcing

03 30 00 - Cast-in-Place Concrete

03 30 50 - Sheet Vapor Barrier

03 35 43 - Bonded Abrasive Polished Concrete Floors

DIVISION 04 -- MASONRY

04 22 00 - Concrete Unit Masonry

DIVISION 05 -- METALS

05 12 23 - Structural Steel for Buildings

05 21 00 - Steel Joist Framing

05 31 00 - Steel Decking

05 40 00 - Cold-Formed Metal Framing

05 50 00 - Metal Fabrications

05 52 13 - Pipe and Tube Railings

DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES

06 10 00 - Rough Carpentry

06 83 16 - Fiberglass Reinforced Paneling

DIVISION 07 -- THERMAL AND MOISTURE PROTECTION

07 21 00 - Thermal Insulation

07 25 00 - Weather Barriers

07 42 13 - Metal Wall Panels

07 54 00 - Thermoplastic Membrane Roofing

07 62 00 - Sheet Metal Flashing and Trim

07 71 00 - Roof Specialties

07 84 00 - Firestopping

07 92 00 - Joint Sealants

07 95 13 - Expansion Joint Cover Assemblies

DIVISION 08 -- OPENINGS

08 11 13 - Hollow Metal Doors and Frames

08 33 23 - Overhead Coiling Doors

08 43 13 - Aluminum-Framed Storefronts

08 71 00 - Door Hardware

08 80 00 - Glazing

DIVISION 09 -- FINISHES

09 21 16 - Gypsum Board Assemblies

09 51 00 - Acoustical Ceilings

09 65 00 - Resilient Flooring

09 91 13 - Exterior Painting

09 91 23 - Interior Painting

DIVISION 10 -- SPECIALTIES

10 28 00 - Toilet, Bath, and Laundry Accessories

10 44 00 - Fire Protection Specialties

10 73 10 - Pre-Engineered Canopies

DIVISION 11 -- EQUIPMENT

11 13 13 - Loading Dock Bumpers

11 13 16 - Loading Dock Seals and Shelters

11 13 19.13 - Loading Dock Levelers

DIVISION 21 -- FIRE SUPPRESSION

21 05 00 - Fire Protection General Provisions

21 10 00 - Fire Protection System

DIVISION 22 -- PLUMBING

22 05 00 - Plumbing General Provisions

22 05 14 - Plumbing Alterations Project Procedures

22 20 00 - Plumbing Piping and Fixtures

22 15 00 - General-Service Compressed-Air Systems

22 33 30 - Electric Water Heater

22 63 11 - Gas Piping & Appurtenances

DIVISION 23 -- HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

23 05 00 - Mechanical General Provisions

23 31 13 - Ductwork and Devices

23 60 00 - HVAC Equipment

DIVISION 26 -- ELECTRICAL

26 05 00 - Electrical General Provisions

26 05 19 - Conductors and Connectors

26 05 27 - Exp of Elecrical Grounding

26 05 33 - Conduit Systems

26 05 37 - Electrical Boxes and Fittings

26 09 23 - Lighting Occupancy Sensors

26 12 15 - Dry Type Transformers

26 24 00 - Electrical Gear

26 27 73 - Wiring Devices

26 51 13 - Lighting Fixtures and Lamps

26 56 00 - Site Lighting

DIVISION 28 -- ELECTRONIC SAFETY AND SECURITY

28 31 02 - Exp of Existing Fire Detection & Alarm System

DIVISION 31 -- EARTHWORK

31 10 00 - Site Clearing

31 20 00 - Earthwork

31 21 50 - Grading

31 23 00 - Excavating, Backfilling, and Compaction

31 31 16 - Termite Control

31 63 29 - Drilled Cast-in-Place Concrete Shafts

31 80 00 - Stormwater Pollution Plan

DIVISION 32 -- EXTERIOR IMPROVEMENTS

32 13 13 - Cement Concrete Pavement

31 13 73 - Pavement Joint Sealant

32 17 13 - Parking Bumpers

32 31 13 - Chain Link Fences and Gates

32 92 00 - Turf and Grasses

32 93 00 - Plants

DIVISION 33 -- UTILITIES

33 41 00 - Storm Drainage

33 42 00 - Site Storm Drainage

33 42 00 - Water Distribution System

END OF SECTION

SECTION 03 35 43 - BONDED ABRASIVE POLISHED CONCRETE FLOORS

PART 1 GENERAL

1.01 **SECTION INCLUDES**

1.02 **DEFINITIONS**

A Aggregate exposure: Grinding a concrete floor surface with bonded abrasives to achieve a specified class of exposed aggregate. These are classified as A, B, C and D with varying levels of exposed aggregate.

B Bonded Abrasive Polished Concrete: The multi-step operation of mechanically grinding, honing, and polishing a concrete floor surface with bonded abrasives to cut a concrete floor surface and to refine each cut to the maximum potentialto achieve a specified level of appearance as defined by the industry standards.

C Densifier: A combination of silicate and water-based compounds that react in the surface of the concrete to produce additional calcium silicate hydrate (CSH); silicates are combined with carrier compounds, most commonly sodium-, potassium-, or lithium-based to aid the process. Some products also contain siliconate.

D Finished Gloss: Processing a concrete floor surface to achieve a specified level of finished gloss prior to application of any protective treatment; Flat [ground], satin [honed], polished, and highly polished are measured in distinctness-of-image gloss (DOI) and haze. Finished Gloss is classified as levels 1, 2, 3 and 4 with varying degrees of DOI and haze.

E Gloss meter: A device that is capable of measuring specular gloss at 20, 60, or 80 degrees.

F Grinding Stage: The steps of the polishing process that removes the concrete uniformly in preparation for the honing stage. This stage is typically the beginning for Class C and D specified floors and may meet the requirements for a level 1 specified gloss. This stage consists of any bonded abrasive that is 100 grit or lower.

G Haze: An optical effect caused by microscopic textures or residue on a surface.

H Honing Stage: The steps of the polishing process that refine the concrete in preparation for the polishing stage. This stage can sometimes be the beginning steps for Class B specified floors and may meet the requirements for a level 2 specified gloss. This stage consists of diamond tooling within the 100-400 grit range.

I Polished Concrete: The act of changing a concrete floor surface, with or without surface exposure of aggregate, to achieve a specified level of appearance.

J Polishing Stage: The final stages of the polishing process that refine the concrete to the specified finished gloss level. This stage consists of diamond tooling that is 800 grit or higher.

K Transition tooling: Diamond tooling that is used to refine the scratch pattern of metal bond tooling prior to the use of resin bond tooling in an effort to extend the life of resin bond tooling and to create a better foundation for the polishing process.

1.03 **REFERENCE STANDARDS**

A ASCC - American Society of Concrete Contractors

B CPC - Concrete Polishing Council

1.04 **ADMINISTRATIVE REQUIREMENTS**

A Preinstallation Meeting: Conduct a preinstallation meeting one week prior to the start of the work of this section; require attendance by all affected installers.

B Minimum Agenda: Polisher shall demonstrate understanding of work required by reviewing and discussing procedures for, but not limited to, following:

1. Tour field mock-up and representative areas of required work, discuss and evaluate for compliance with Contract Documents, including substrate conditions, surface preparations, sequence of procedures, and other preparatory work performed by other installers.

2. Review Contract Document requirements

3. Review approved submittals and field mock-up.

4. Review procedures, including, but not limited to:

a. Specific mix design.

b. Specified curing methods/procedures.

c. Projected 3, 14, and 28 day compressive strength test for finished floor and project phasing.

d. Protection of concrete substrate during construction and prior to polishing process.

e. Project phasing and scheduling for each step of grinding, honing and polishing operations including, but not limited to:

1) Quality of qualified personnel committed to project.

2) Quality and size of grinders committed to project.

3) oper disposal of concrete slurry and/or concrete dust.

f. Details of each step of grinding, honing, and polishing operations.

C Reports: Record discussions, including decisions and agreements reached, and furnish copy of record to each party attending.

1.05 **SUBMITTALS**

A See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B Product Data: Provide Manufacturer’s technical literature for each product indicated, specified, or required. Include manufacturer's technical data, application instructions, and recommendations.

C Maintenance Materials: Furnish the following for Owner's use in maintenance of project:

1. See Section 01 60 00 - Product Requirements, for additional provisions.

2. Include instructions for maintenance of installed work, including methods and frequency recommended for maintaining optimum condition under anticipated use.

3. Include precautions against cleaning products and methods which may be detrimental to finishes and performance.

1.06 **QUALITY ASSURANCE**

A Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with at least three years of documented experience.

B Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience.

1.07 **MOCK-UP**

A Before performing work of this Section, provide following field mock-up to verify selections made under submittals and to demonstrate aesthetic effects of polishing. Approval does not constitute approval of deviations from Contract Documents, unless Architect specifically approves deviations in writing.

1. Form, reinforce, and cast concrete slab for 10 foot square field mock-up.

2. Concrete shall be same mix design as scheduled for Project.

3. Placement and finishing work shall be performed by same personnel as will place and finish concrete for Project.

4. Mock-up shall be representative of work to be expected.

5. Perform grinding, honing, and polishing work as scheduled for Project using same personnel as will perform work for Project.

6. Approval is for following aesthetic qualities:

    a. Compliance with approved submittals.

    b. Compliance with specified aggregate exposure class.

    c. Compliance with specified appearance level.

    d. Compliance with specified color

B Obtain Architect's approval before starting work on Project.

C Protect and maintain approved field mock-ups during construction in an undisturbed condition as a standard for judging completed work.

1.08 **FIELD CONDITIONS**

A Prohibit use of markers, spray paint, and soapstone.

B Prohibit improper application of liquid membrane film forming curing compounds.

C Prohibit vehicle parking over concrete surfaces.

D Prohibit pipe-cutting operations over concrete surfaces.

E Prohibit storage of any items over concrete surfaces for not less than 28 days after concrete placement.

F Prohibit ferrous metals storage over concrete surfaces.

G Protect from petroleum, oil, hydraulic fluid, or other liquid dripping from equipment working over concrete surfaces.

H Protect from acids and acidic detergents contacting concrete surfaces.

I Protect from painting activities over concrete surfaces.

J Environmental Limitations: Comply with manufacturer's written instructions for substrate temperature, ambient temperature, moisture, ventilation, and other conditions affecting liquid applied product application.

1.09 **WARRANTY**

A See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

PART 2 PRODUCTS

2.01 LIQUID APPLIED PRODUCTS

A Liquid Densifier: An aqueous solution of silicon dioxide dissolved in one of the following hydroxides that penetrates into the concrete surface and reacts with the calcium hydroxide to provide a permanent chemical reaction that hardens and densifies the wear surface of the cementitious portion of the concrete.

1. Sodium Silicate
2. Potassium Silicate
3. Lithium Silicate
4. Alkali solution of Colloidal Silicates or Silica

2.02 ACCESSORIES

A Repair Material: A product that is designed to repair cracks and surface imperfections. The specified material must have sufficient bonding capabilities to adhere after the polishing to the concrete surface and provide abrasion resistance equal to or greater than the surrounding concrete substrate..

B Grout Material: A thin mortar used for filling spaces. Acceptable products shall be:

1. Epoxy, urethane, polyurea, or polyaspartic resins.
2. Latex or acrylic binders mixed with cement dust from previous grinding steps.
3. Silicate binders mixed with cement dust from previous grinding steps.

2.03 POLISHING EQUIPMENT

A Field Grinding and Polishing Equipment:

1. A multiple head, counter rotating, walk behind or ride on machine, of various size and weights, with diamond tooling affixed to the head for the purpose of grinding concrete. Excludes janitorial maintenance equipment.
2. If dry grinding, honing, or polishing, use dust extraction equipment with flow rate suitable for dust generated, with squeegee attachments to meet OSHA requirements.
3. If wet grinding, honing, or polishing, use slurry extraction equipment suitable for slurry removal and containment prior to proper disposal.

B Edge Grinding and Polishing Equipment: Hand-held or walk-behind machines which produces the same results, without noticeable differences, as field grinding and polishing equipment.

C Burnishing Equipment: High speed walk-behind or ride-on machines capable of generating 1000 to 2000 revolutions per minute and with sufficient head pressure of not less than 20 pounds to raise floor temperature by 20 degrees F.

D Diamond Tooling: Abrasive tools that contain industrial grade diamonds within a bonded matrix (such as metallic, resinous, ceramic, etc) that are attached to rotating heads to refine the concrete substrate.

1. Bonded Abrasive: Abrasive medium that is held within a bonding that erodes away to expose new abrasive medium as it is used.

2. Metal Bond Tooling: Diamond tooling that contains industrial grade diamonds with a metallic bonded matrix that is attached to rotating heads to refine the concrete substrate. These tools are available in levels of soft, medium, and hard metallic matrices that are matched with contrasting concrete substrates (i.e. hard matrix/soft concrete, medium matrix/medium concrete, soft matrix/hard concrete) and are typically used in the grinding and early honing stages of the polishing process.

3. Resin Bond Tooling: Diamond tooling that contains industrial grade diamonds within a resinous bonded matrix (poly-phenolic, ester-phenolic, and thermoplastic-phenolic) that is attached to rotating heads to refine the concrete substrate. Resin bond tooling does not have the soft/medium/hard characteristics of metal bond tooling and are typically used for the later honing and polishing stages of the polishing process.

4. Hybrid Tooling: Diamond tooling that combines metal bond and resin bond that has the characteristics of both types of tooling. These types of tools are typically used as either transitional tooling from metal bond tools to resin bond tools or as a first cut tool on smooth concrete surfaces.

5. Transitional Tooling: Diamond tooling that is used to refine the scratch pattern of metal bond tooling prior to the application of resin bond tooling in an effort to extend the life of resin bond tooling and to create a better foundation for the polishing process.

6. Abrasive Pad: An abrasive pad, resembling a typical floor maintenance burnishing pad that has the capability of refining the concrete surface on a microscopic level that may or may not contain industrial grade diamonds. These pads are typically used for the maintenance and/or restoration of previously installed polished concrete flooring.

PART 3 EXECUTION

3.01 EXAMINATION

A Acceptance of Surfaces and Conditions:

1. Examine substrates to be polished for compliance with requirements and other conditions affecting performance.

    a. Concrete finished floor flatness according to applicable Division 03 Section on cast-in-place concrete.

    b. Concrete curing methods according to applicable Division 03 Section on cast-in-place concrete.

    c. Concrete compressive strength according to applicable Division 03 Section on cast-in-place concrete.

2. Proceed only when unsatisfactory conditions have been corrected in a manner complying with Contract Documents.

3. Starting work within a particular area will be construed as acceptance of surface conditions.

3.02 **PREPARATION**

A Cleaning New Concrete Surfaces:

1. Prepare and clean concrete surfaces.

2. Provide sound concrete surfaces free of laitance, glaze, efflorescence, curing compounds, form-release agents, dust, dirt, grease, oil, paint splatter, and other contaminants incompatible with liquid applied products and polishing.

3.03 **POLISHING CONCRETE FLOORS**

A Perform all polishing procedures to ensure a consistent visual appearance from wall to wall.

B Initial Grinding:

1. Use grinding equipment with metal or semi-metal bonded tooling.

2. Begin grinding in one direction using sufficient size equipment and diamond tooling to meet specified aggregate exposure class.

3. Make sequential passes with each pass perpendicular to previous pass using finer grit tool with each pass, up to 100 grit metal bonded tooling.

4. Achieve maximum refinement with each pass before proceeding to finer grit tools.

5. Clean floor thoroughly after each pass using dust extraction equipment properly fitted with squeegee attachment or walk behind auto scrubber suitable to remove all visible loose debris and dust.

6. Continue grinding until aggregate surface exposure matches approved field mock-up.

C Treating Surface Imperfections:

1. Mix patching compound or grout material with dust created by grinding operations, manufacturer's tint, or sand to match color of adjacent concrete surfaces.

2. Fill surface imperfections including, but not limited to, holes, surface damage, small and micro cracks, air holes, pop-outs, and voids with grout to eliminate micro pitting in finished work.

3. Work compound and treatment until color differences between concrete surface and filled surface imperfections, compared to mockup, are not reasonably noticeable when viewed from 20 feet away under lighting conditions that will be present after construction.

D Liquid Densifier Application: Apply undiluted to point of rejection, remove excess liquid, and allow curing according to manufacturer's instructions.

E Grout Grinding:

1. Use grinding equipment and appropriate grit and bond diamond tooling.

2. Apply grout, forced into the pore structure of the concrete substrate, to fill surface imperfections.

3. Clean floor thoroughly after each pass using dust extraction equipment properly fitted with squeegee attachment or walk behind auto scrubber suitable to remove all visible loose debris and dust.

F Honing:

1. Use grinding equipment with hybrid or resin bonded tooling.

2. Hone concrete in one direction starting with 100 grit tooling and make as many sequential passes as required to remove scratches, each pass perpendicular to previous pass, up to 400 grit tooling reaching maximum refinement with each pass before proceeding to finer grit tooling.

3. Clean floor thoroughly after each pass using dust extraction equipment properly fitted with squeegee attachment or walk behind auto scrubber suitable to remove all visible loose debris and dust.

G Polishing:

1. Use polishing equipment with resin-bonded tooling.

2. Begin polishing in one direction starting with 800 grit tooling.

3. Make sequential passes with each pass perpendicular to previous pass using finer grit tooling with each pass until the specified level of appearance has been achieved.

4. Achieve maximum refinement with each pass before proceeding to finer grit pads.

5. Clean floor thoroughly after each pass using dust extraction equipment properly fitted with squeegee attachment or walk behind auto scrubber suitable to remove all visible loose debris and dust.

6. Stain Protection: Uniformly apply and remove excessive liquid according to manufacturer's instructions. Final film thickness should be less than .05 mils after cure.

7. Final Polish: Using burnishing equipment and finest grit abrasive pads, burnish to uniform reflective sheen matching approved field mock-up.

H Final Polished Concrete Floor Finish:

1. **Aggregate Exposure Class B** – Fine Aggregate: Surface exposure of 85 to 95% fine aggregate and 5 to 15% cement fines and coarse aggregate based on visual observation of the overall area of the polished floor.

2. **Appearance Level 3 – Polished:**

   a. Procedure: Recommended not less than 4 steps with full refinement of each diamond tool with one application of densifier.

   b. Measurement: Determine the Image Clarity Value,%, and the Haze Index:

      1) Image Clarity Value, %: An average value of 40 to 69 measured in accordance with ASTM D5767 prior to the application of sealers.

      2) Haze Index: An average value less than 10 measured in accordance with ASTM D4039 prior to the application of sealers.

      3) The minimum number of tests distributed across the polished surface should be three, for areas up to 1000 ft2 and one additional test for each 1000 ft2 or fraction thereof. This applies to both the Image Clarity Value and Haze Index.

3.04 **PROTECTION**

A Protect finished polished floors from subsequent construction operations.

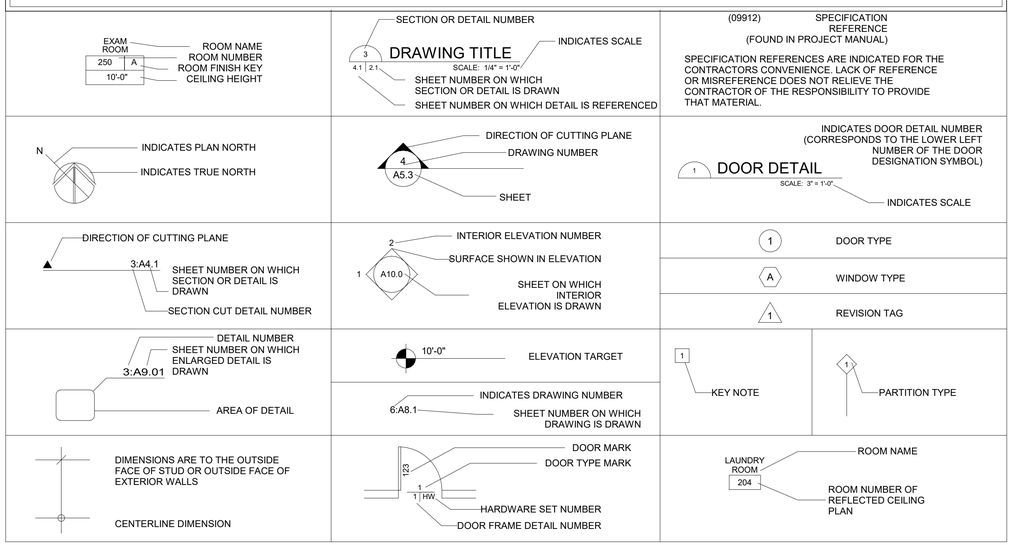
B Do not permit traffic over unprotected floor surface.

END OF SECTION

ABBREVIATIONS

A.C.	AIR CONDITIONING
ACOUST.	ACOUSTICAL
ACT.	ACOUSTICAL CEILING TILE
ADJ.	ADJACENT
A.F.F.	ABOVE FINISH FLOOR
ALUM.	ALUMINUM
BD.	BOARD
C	CARPET
CB	CATCH BASIN
CJ	CONTROL JOINT
C.L.	CENTER LINE
CL.	CLOSET
C.M.U.	CONCRETE MASONRY UNIT
CLG.	CEILING
CO	CLEAN OUT
COL.	COLUMN
CONC.	CONCRETE
CONT.	CONTINUOUS
CT	CERAMIC TILE
DIA.	DIAMETER
DIM.	DIMENSION
DF	DRINKING FOUNTAIN
DS	DOWNSPOUT
DWGS.	DRAWINGS
DN.	DOWN
DTL.	DETAIL
EA.	EACH
ELECT.	ELECTRICAL
ELEV.	ELEVATION
ENCL.	ENCLOSED
EQ.	EQUAL
EQUIP.	EQUIPMENT
EJ	EXPANSION JOINT
EP	EXTERIOR PAINT
EXIST.	EXISTING
EXT.	EXTERIOR
EXP.	EXPANSION
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FIN.	FINISH
FIXT.	FIXTURE
FLUOR.	FLUORESCENT
GLAV.	GALVANIZED
G.C.	GENERAL CONTRACTOR
GR	GRANITE
GL.	GLASS
GYP. BD.	GYPSUM BOARD
G.W.B.	GYPSUM WALL BOARD
H.C.	HANDICAPPED
H.M.	HOLLOW METAL
HD.	HAND
HR.	HOUR
HT.	HEIGHT
INT.	INTERIOR
LAM.	LAMINATE
LAV.	LAVATORY
LT.	LIGHT
LL	LANDLORD
MANUF.	MANUFACTURER
MECH.	MECHANICAL
MEPS.	MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL
MILL WK.	MILLWORK
MIN.	MINIMUM
MTD.	MOUNTED
MTL.	METAL
MDF	MEDIUM DENSITY FIBERBOARD
MLDG.	MOULDING or MOLDING
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OPP.	OPPOSITE
PT	PAINT
PCS.	PIECES
PLAS.	PLASTIC
PL	PLASTIC LAMINATE
PLUMB.	PLUMBING
PLYWD.	PLYWOOD
POL.	POLISHED
POLY.	POLYURETHANE
PTD.	PAINTED
PV	PAVER
RAD.	RADIUS
R.C.P.	REFLECTED CEILING PLAN
RE:	REFER TO
REQ'D.	REQUIRED
RET.	RETARDANT
RM.	ROOM
SIM.	SIMILAR
S.B.O.	SUPPLIED BY OWNER
SPEC'D.	SPECIFIED
SPECS.	SPECIFICATIONS
SQ.	SQUARE
SQ. FT.	SQUARE FEET
SC	SEALED CONCRETE
S.S.F.	SYNTHETIC STUCCO FINISH
S.S.	STAINLESS STEEL
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
TEMP.	TEMPERED
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
T&G	TONGUE AND GROOVE
TYP.	TYPICAL
TZ	TERRAZZO
UNEQ.	UNEQUAL
U.N.O.	UNLESS NOTED OTHERWISE
V.I.F.	VERIFY IN FIELD
VWA	VERIFY WITH ARCHITECT
VCT	VINYL COMPOSITE TILE
W/	WITH
W.C.	WATER CLOSET
WD.	WOOD
WF	WOOD FINISH
WT.	WEIGHT
WWF	WELDED WIRE FABRIC
WIND.	WINDOW
W. P.	WORK POINT

GRAPHIC SYMBOLS



INDEX OF DRAWINGS

GENERAL		
G1.0	TITLE SHEET	ADDENDUM 01
G2.0	INFORMATION SHEET	ADDENDUM 02
G3.0	ADA GUIDELINES	ADDENDUM 01
G3.1	ADA GUIDELINES	ADDENDUM 01
G4.0	LIFE SAFETY PLAN	ADDENDUM 01
CIVIL		
C1.0	TOPOGRAPHIC SURVEY	ADDENDUM 02
C1.1	DEMOLITION PLAN	ADDENDUM 02
C2.0	GEOMETRIC SITE LAYOUT	ADDENDUM 02
C2.1	GEOMETRIC TABLES	ADDENDUM 02
C3.0	PAVING & JOINTING PLAN	ADDENDUM 02
C4.0	GRADING PLAN	ADDENDUM 02
C5.0	DRAINAGE PLAN	ADDENDUM 02
C6.0	CIVIL SITE UTILITY PLAN	ADDENDUM 03
C7.0	PAVEMENT DETAILS	ADDENDUM 02
C8.0	DRAINAGE DETAILS	ADDENDUM 02
C9.0	BEDDING DETAILS	
C10.0	SITE DETAILS	
C11.0	EROSION CONTROL PLAN	ADDENDUM 02
C12.0	WATER DETAILS	
LANDSCAPE		
L1.0	LANDSCAPE ORDINANCE PLAN	
L1.1	LANDSCAPE DETAILS	
ARCHITECTURAL		
A1.0	DEMO SITE PLAN	ADDENDUM 02
A1.1	SITE PLAN	ADDENDUM 03
A1.2	SITE DETAILS	ADDENDUM 03
A2.0	DEMO FLOOR PLAN	ADDENDUM 01
A2.1	FLOOR PLAN	ADDENDUM 03
A2.2	EQUIPMENT LAYOUT	ADDENDUM 03
A2.3	PARTITION SCHEDULE & DETAILS	ADDENDUM 01
A3.0	ROOF PLAN	ADDENDUM 02
A3.1	ROOF DETAILS	ADDENDUM 01
A3.2	ROOF DETAILS	ADDENDUM 01
A4.0	OPENING SCHEDULES	ADDENDUM 02
A4.1	OPENING DETAILS	ADDENDUM 01
A5.0	EXTERIOR ELEVATIONS	ADDENDUM 03
A5.1	EXTERIOR ELEVATIONS	ADDENDUM 02
A5.2	EXTERIOR 3D VIEWS	ADDENDUM 01
A6.0	BUILDING SECTIONS	ADDENDUM 03
A6.1	BUILDING SECTIONS	ADDENDUM 01
A7.0	WALL SECTIONS	ADDENDUM 02
A7.1	WALL SECTIONS	ADDENDUM 01
A7.2	SECTION DETAILS	ADDENDUM 02
A8.0	FINISH PLANS	ADDENDUM 03
A8.1	REFLECTED CEILING PLAN	ADDENDUM 03
A8.2	INTERIOR ELEVATIONS & SCHEDULE	ADDENDUM 03
STRUCTURAL		
S1.0	STRUCTURAL NOTES	ADDENDUM 02
S1.1	STRUCTURAL NOTES	ADDENDUM 01
S1.2	STRUCTURAL NOTES	ADDENDUM 01
S1.3	GIRDER TRUSS DESIGN INFO	ADDENDUM 01
S2.0	FOUNDATION PLAN	ADDENDUM 02
S2.1	FOUNDATION PLAN DETAILS	ADDENDUM 01
S2.2	FOUNDATION PLAN DETAILS	ADDENDUM 01
S3.0	ROOF FRAMING PLAN	ADDENDUM 03
S4.0	STRUCTURAL DETAILS	ADDENDUM 01
S4.1	STRUCTURAL DETAILS	ADDENDUM 01
S4.2	STRUCTURAL DETAILS	ADDENDUM 01
S4.3	STRUCTURAL DETAILS	ADDENDUM 03
S4.4	STRUCTURAL DETAILS	ADDENDUM 02
S4.5	STRUCTURAL DETAILS	ADDENDUM 02
MECHANICAL & PLUMBING		
M2.0	MECH DEMO FLOOR PLAN	ADDENDUM 02
M2.1	MECH FLOOR PLAN	ADDENDUM 03
M3.1	MECH ROOF PLAN	ADDENDUM 03
M4.1	MECH DETAILS	ADDENDUM 02
M5.1	MECH SCHEDULES	ADDENDUM 03
P1.0	PLUMBING DEMO SITE PLAN	ADDENDUM 02
P1.1	PLUMBING SITE PLAN	ADDENDUM 02
P2.0	PLUMBING FLOOR DEMO	ADDENDUM 02
P2.1	PLUMBING FLOOR PLAN	ADDENDUM 02
P3.1	PLUMBING ROOF PLAN	ADDENDUM 02
P4.1	PLUMBING SCHEDULES	ADDENDUM 03
ELECTRICAL		
E1.0	ELECTRICAL DEMO SITE PLAN	ADDENDUM 02
E1.1	ELECTRICAL SITE PLAN	ADDENDUM 03
E2.0	ELECTRICAL DEMO FLOOR PLAN	ADDENDUM 02
E2.1	ELECTRICAL FLOOR PLAN	ADDENDUM 03
E2.2	ELECTRICAL LIGHTING PLAN	ADDENDUM 03
E3.0	ELECTRICAL ONE LINE DIAGRAM	ADDENDUM 03
E4.0	ELECTRICAL NOTES & SCHEDULES	ADDENDUM 02

VICINITY MAP, N.T.S.

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated, used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall verify and be responsible for all dimensions and conditions at job site. Any and all discrepancies shall be reported to the architect. Quantities and material are approximate and for estimating purposes only. Refer to specifications and schedules for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER REG. No. 5899 STATE OF LOUISIANA REGISTERED ARCHITECT

REVISION SCHEDULE

1	05/04/20	ADDENDUM 01
2	06/12/20	ADDENDUM 02

PROJECT NO:	DRAWN BY:
19.060	Author

INFORMATION SHEET

G2.0

UTILITY NOTES:

1. LOCATION OF SITE UTILITIES SHALL BE VERIFIED WITH PROPER UTILITY COMPANY PROVIDING SERVICE. ALL EXISTING UTILITIES TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK. THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY CALL DIGGERS HOTLINE AT 1-800-272-3020 AT LEAST 72 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT.
3. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.

SANITARY NOTES:

1. SANITARY SEWER FACILITIES SHALL BE CONSTRUCTED, INSTALLED, AND TESTED IN ACCORDANCE WITH EAST BATON ROUGE PARISH SPECIFICATIONS & STATE OF LOUISIANA HEALTH AND PLUMBING CODES.
2. ALL SEWER PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM D3034. THE STANDARD DIMENSION RATIO (SDR) OF ALL PIPE AND FITTINGS SHALL NOT EXCEED 35.
3. ALL SANITARY SEWER CLEANOUT TOPS SHALL MATCH FINISHED GRADE.
4. A 14 GAGE GALVANIZED STEEL WIRE AND APPROVED DETECTABLE TAPE SHALL BE LAID IN THE TRENCH ON TOP OF ALL UNDERGROUND NON-METALLIC PIPE AS A TRACER. SEWER, WATER, AND FIRE LINE SHALL BE READILY IDENTIFIABLE.
5. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH REQUIREMENTS OF NPDES PERMIT INCLUDING BUT NOT LIMITED TO NOTIFYING E.P.A. OF THE DATE CONSTRUCTION IS TO BEGIN.
6. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR DUTY SERVICE SIZES AND EXACT LOCATIONS. CONTRACTOR TO CONFIRM SIZES OF ALL SERVICES PRIOR TO INSTALLATION. REFER TO ELECTRICAL PLANS FOR ELECTRIC AND TELEPHONE SERVICE CONSTRUCTION DETAILS. REFER TO MECHANICAL PLANS FOR GAS SERVICE CONSTRUCTION DETAILS.
7. ALL WATER AND SANITARY LEADS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END.

WATER NOTES:

1. ALL WATER LINES 4" OR GREATER SHALL CONFORM TO AWWA C-900 DR18. WATERLINES LESS THAN 4" SHALL CONFORM TO ASTM D-1785, SCHEDULE 40 OR ASTM D2241 LATEST EDITION.
2. WATER SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 36".
3. CONTRACTOR SHALL PRESSURE TEST DOMESTIC WATER SERVICES.
4. CONTRACTOR SHALL CHLORINATE MAIN AND HAVE SATISFACTORY SAMPLE BEFORE MAIN IS PUT IN SERVICE.
5. WATER MAINS SHALL BE RATED 160 PSI OR GREATER AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.
6. ALL WATER VALVES SHALL HAVE A CONCRETE PAD POURED AROUND VALVE BOX COVERS AND HAVE A GROUND ROD LEADING TO TRACER WIRE CLAMPING IT TO THE BOTTOM OF THE VALVE BOX AND CONFORM TO AWWA C-509 87.
7. USE RETAINER GLANDS WHERE CONDITIONS WILL NOT PERMIT USE OF CONCRETE THRUST BLOCK. INSTALL M.J. GLANDS WITH TORQUE WRENCH TO 90 FT./LBS.
8. JOINT RESTRAINTS SHALL BE PLACED AT ALL BENDS IN WATER MAIN. CONCRETE THRUST BLOCKS WILL NOT BE ALLOWED.
9. FIRE LINE AND DOMESTIC WATER LINE MAY BE CONSTRUCTED WITHIN THE SAME TRENCH, WHEN APPLICABLE.
10. CONTRACTOR SHALL COORDINATE THE LOCATION OF THE WATER LINE TIE-INS WITH THE ARCHITECT.
11. ALL ABOVE GROUND WATER FACILITIES SHALL BE INSULATED OR PROTECTED AGAINST FREEZING IN ACCORDANCE WITH THE STATE FIRE MARSHALL'S REQUIREMENTS.
12. DOUBLE CHECK BACKFLOW PREVENTOR FOR THE FIRE LINE SHALL BE LEAD FREE, ZURN WILKINS 450 DA OR APPROVED EQUAL. BACKFLOW PREVENTOR FOR THE DOMESTIC LINE SHALL BE LEAD FREE, WATTS LF909 OR APPROVED EQUAL.

PRIOR TO THE COMMENCEMENT OF WORK, CONTRACTOR SHALL CONTACT THE SITY PARISH TRAFFIC ENGINEERING DIVISION AT 225-389-3246 TO LOCATE AND/OR VERIFY EXISTING FIBER OPTIC LINES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH, AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

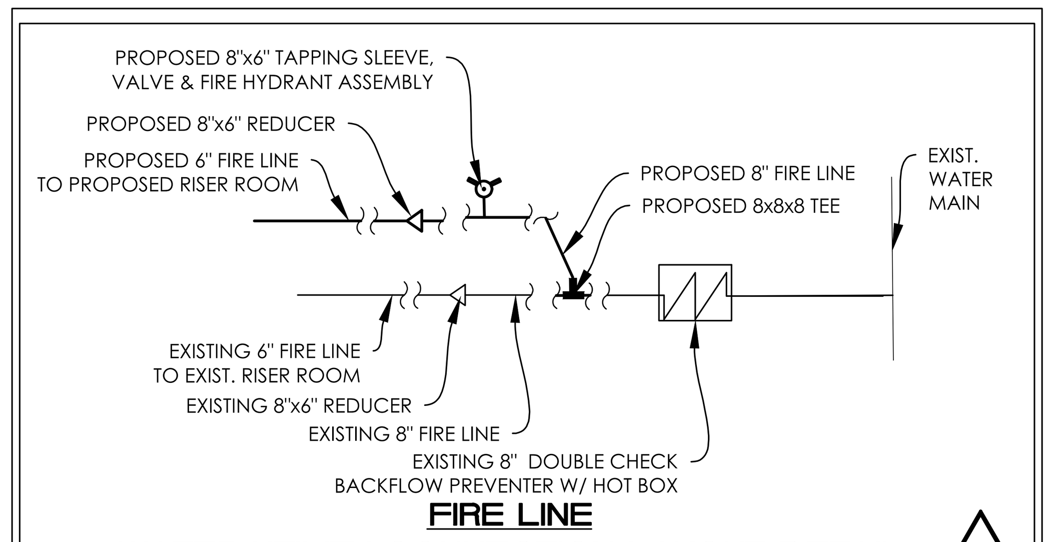
CONTRACTOR IS RESPONSIBLE FOR PEDESTRIAN SAFETY. CONTRACTOR SHALL INSTALL APPROPRIATE SIGNAGE ALONG ADJACENT PEDESTRIAN ROUTES INCLUDING ADVANCE SIGNAGE "SIDEWALK CLOSED AHEAD" (R9-11) PLUS BARRICADE AND/OR SECURE FENCING AT SIDEWALK CLOSURE SIGNAGE "SIDEWALK CLOSED" (R9-9) PURSUANT TO CITY/PARISH REQUIREMENTS.

CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH REQUIREMENTS OF NPDES PERMIT INCLUDING BUT NOT LIMITED TO NOTIFYING E.P.A. OF THE DATE CONSTRUCTION IS TO BEGIN.

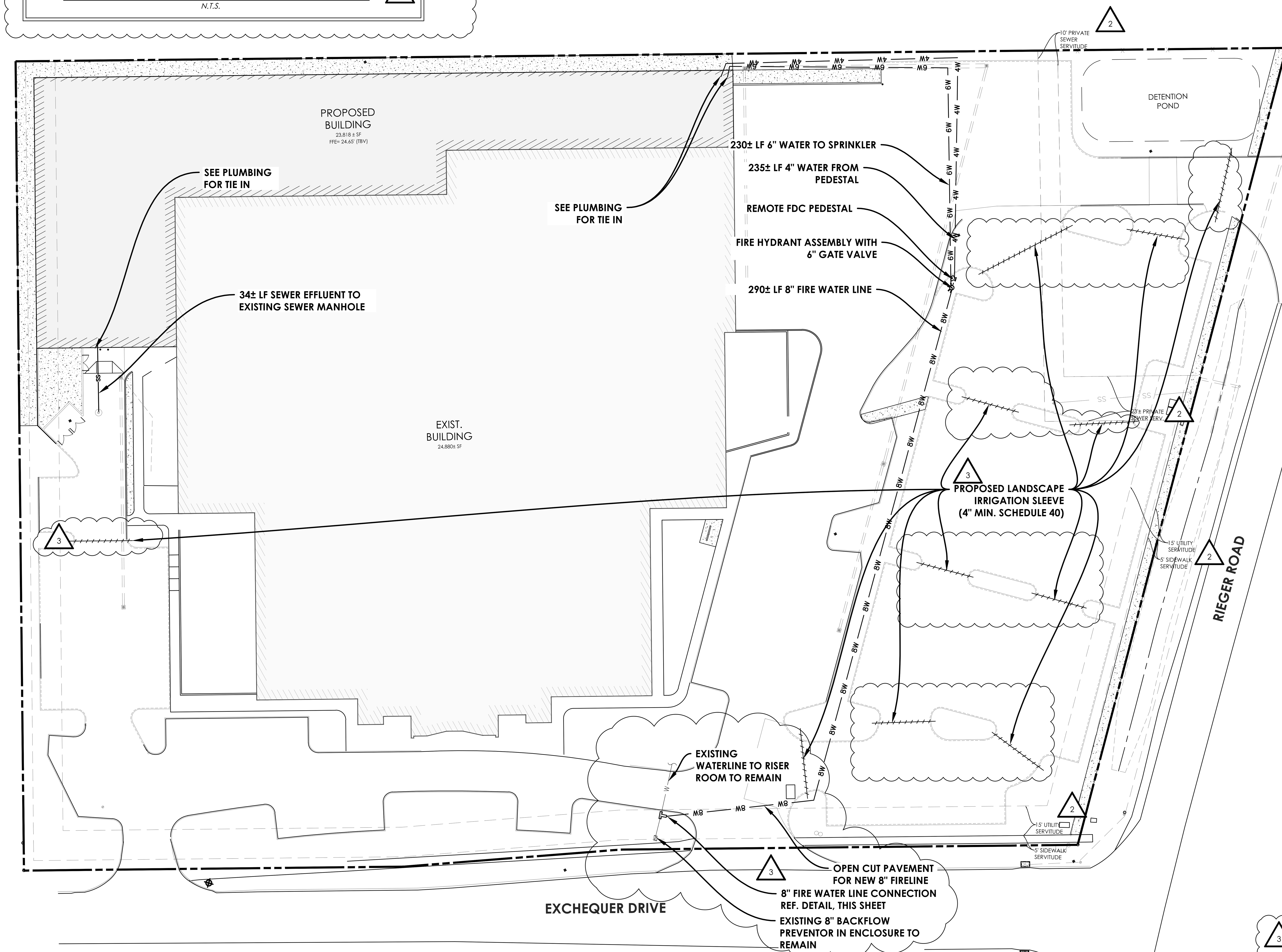
TOPOGRAPHIC INFORMATION SHOWN HEREIN WAS PROVIDED BY SOUTHEAST ENGINEERS, LLC. EXISTING CONDITIONS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF CONSTRUCTION.

THE BUILDING INFORMATION SHOWN WAS PROVIDED BY THE ARCHITECT AND SHOULD BE VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION.

THIS DRAWING IS FOR PLANNING PURPOSES ONLY. ONCE APPROVAL OF PLANS HAS BEEN GIVEN BY GOVERNING AUTHORITIES, A REVISED SET FOR CONSTRUCTION WILL BE ISSUED.



FIRE LINE
WATER UTILITY CONNECTION LAYOUT DETAIL
N.T.S.



LEGEND:

- EXISTING DRAIN PIPE
- EXISTING DRAINAGE INLET
- EXISTING SEWER MANHOLE
- EXISTING SEWER LINE
- PROPOSED WATER SERVICE
- PROPOSED SEWER LINE
- PROPOSED SEWER MANHOLE
- SEWER LINE CLEAN OUT
- DOUBLE SEWER LINE CLEAN OUT
- BACKFLOW PREVENTOR w/ INSULATION WRAP AND HEAT TRACER
- DOUBLECHECK BACKFLOW PREVENTOR w/ INSULATION WRAP AND HEAT TRACER
- DOMESTIC WATER METER
- WATER LINE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED REMOTE FDC (SIAMESE PEDESTAL)
- PROPOSED IRRIGATION SLEEVE

Southeast Engineers
4915 South Sherwood Forest Boulevard
Baton Rouge, Louisiana 70816
225.295.1880 | www.seengineers.com

ENGINEERING PROVIDED BY SOUTHEAST ENGINEERS, LLC; 4915 SOUTH SHERWOOD FOREST BLVD; BATON ROUGE, LOUISIANA 70816; MR. JOHN "TOMMY" WATSON, P.E., LOUISIANA REG. #31852

Louisiana One Call
1-800-272-3020

CIVIL SITE UTILITY PLAN
SCALE: 1" = 30'

0 15 30

SEWER SERVICE NOTE:
THE SIZE, DEPTH AND INTEGRITY OF EXISTING SEWER SERVICE PROPOSED TO BE CONNECTED TO REQUIRES VERIFICATION. THE ARCHITECT, ENGINEER AND PLUMBING CONSULTANT WILL ADVISE OWNER IF ALTERNATIVE SEWER SERVICE EXTENSION IS REQUIRED FOR PROPOSED BUILDING.

SITE TBM-A : ELEV. 23.29'
TOP OF EXISTING SEWER MANHOLE
SITE TBM-B : ELEV. (TBD)'
TBM TO BE RESET FOR CONSTRUCTION

LIPSEY'S WAREHOUSE ADDITION
LOCATED IN SECTION 48, T8S-R2E,
GREENSBURG LAND DISTRICT
EAST BATON ROUGE PARISH, LOUISIANA

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE LA 70809

STATE OF LOUISIANA
JOHN T. WATSON
License No. 31852
PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
8-24-2020

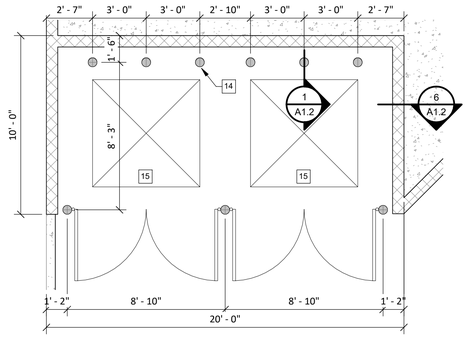
REVISION SCHEDULE
1 PERMIT SET (7/28/2020)
2 ADDENDUM 2 (8/12/2020)
3 ADDENDUM 3 (8/24/2020)

PROJECT NO:	DRAWN BY:
20-190	SS

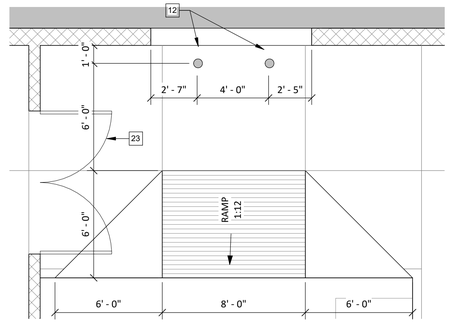
CIVIL SITE UTILITY PLAN

C6.0

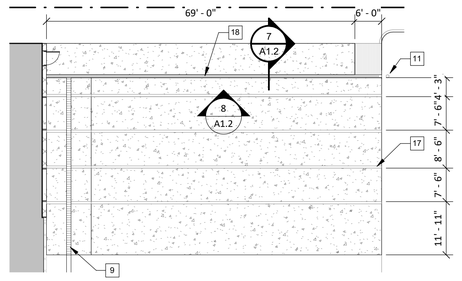
07.28.20



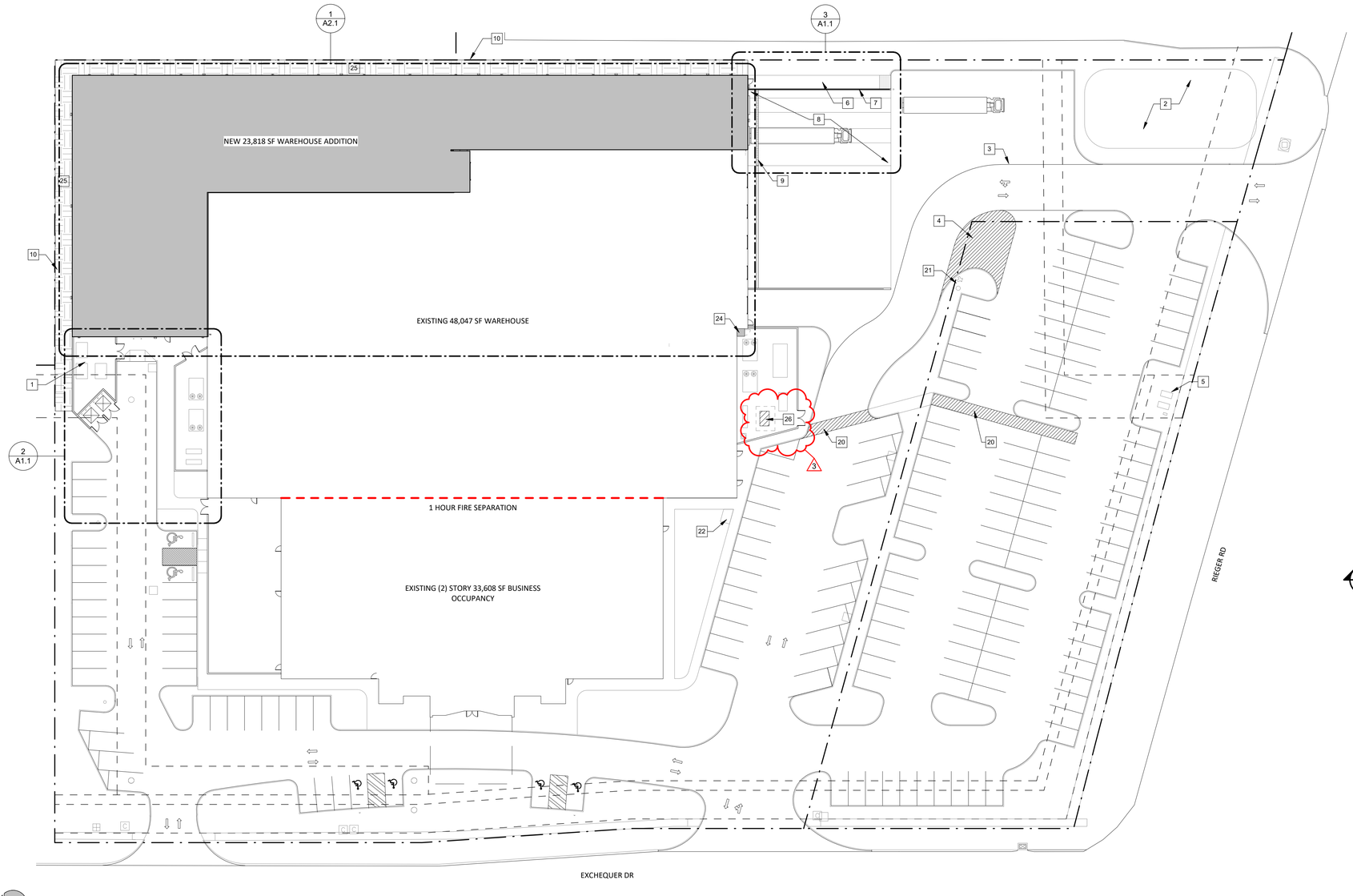
5 ENLARGED SITE @ DUMPSTER
A1.1 1/4" = 1'-0"



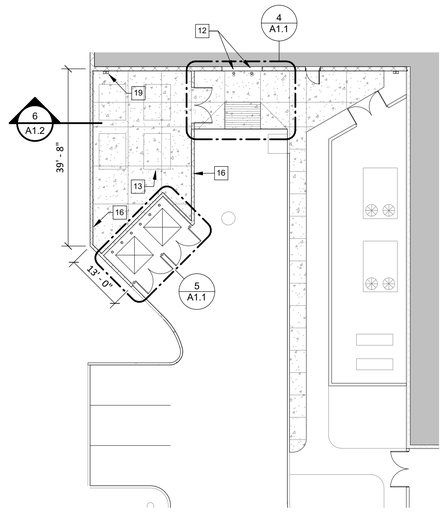
4 ENLARGED SITE @ BACK DOCK DOOR
A1.1 1/4" = 1'-0"



3 ENLARGED SITE @ TRUCK WELL
A1.1 1/16" = 1'-0"



1 SITE PLAN
A1.1 1" = 30'-0"



2 ENLARGED SITE @ BACK DOCK
A1.1 1/16" = 1'-0"

GENERAL NOTES

1. PARKING COUNT
   - EXISTING SPACES: 126
   - NEW SPACES: 171
   - NET GAINED: 45

KEYNOTES

1 MECHANICAL YARD
2 STORMWATER DETENTION POND, REF CIVIL
3 DRIVEWAY LANE STRIPPING
4 NO PARKING AREA STRIPPING
5 EXISTING SITE UTILITY INFASTRUCTURE
6 CONC SIDEWALK & RAMP
7 CONC RETAINING WALL W/ PTD FINISH, REF CIVIL
8 TRUCK LOADING WELL
9 TRENCH DRAIN, REF CIVIL
10 REMOVE & REPLACE EXISTING MTL FENCE AS NECESSARY FOR CONSTRUCTION WORK, MATCH EXISTING
11 CONC FILLED 8" STL PIPE BOLLARD, PTD, REF STRUCT
12 REMOVABLE STL PIPE BOLLARD, TRAFFIC GUARD TL1006HS
13 MECHANICAL UNITS, REF MEP
14 CONC FILLED 6" STL PIPE BOLLARD, PTD
15 DUMPSTERS
16 SPLIT FACE CMU MECHANICAL ENCLOSURE WALL
17 6" WIDE STRIPPING, WHITE
18 GALV STL PIPE GUARDRAIL
19 (2) 6X6 PRE-FINISHED MTL GUTTER, TIE INTO UNDERGROUND STORM, REF CIVIL
20 6' WIDE STRIPED WALKWAY
21 FIRE HYDRANT & FDC CONNECTION
22 BIKE RACK, REF CIVIL
23 INSTALL EXISTING STL GATE FROM SITE DEMO KEYNOTE (10)
24 AIR COMPRESSOR ENCLOSURE, 4X4 PRE-MANUFACTURED SHED, BOD: SHELTERLOGIC DSM44
25 CONC SWALE, REF CIVIL
26 NEW MECHANICL UNIT LOCATED IN EXISTING MECH ENCLOSURE

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of this architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER
REG. No. 5899
STATE OF LOUISIANA
REGISTERED ARCHITECT

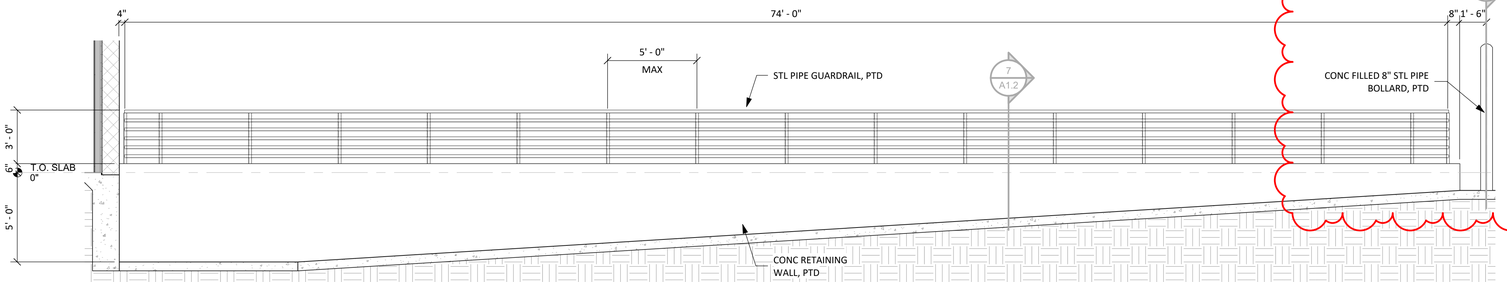
REVISION SCHEDULE

2	08/12/20	ADDENDUM 02
3	08/21/20	ADDENDUM 03

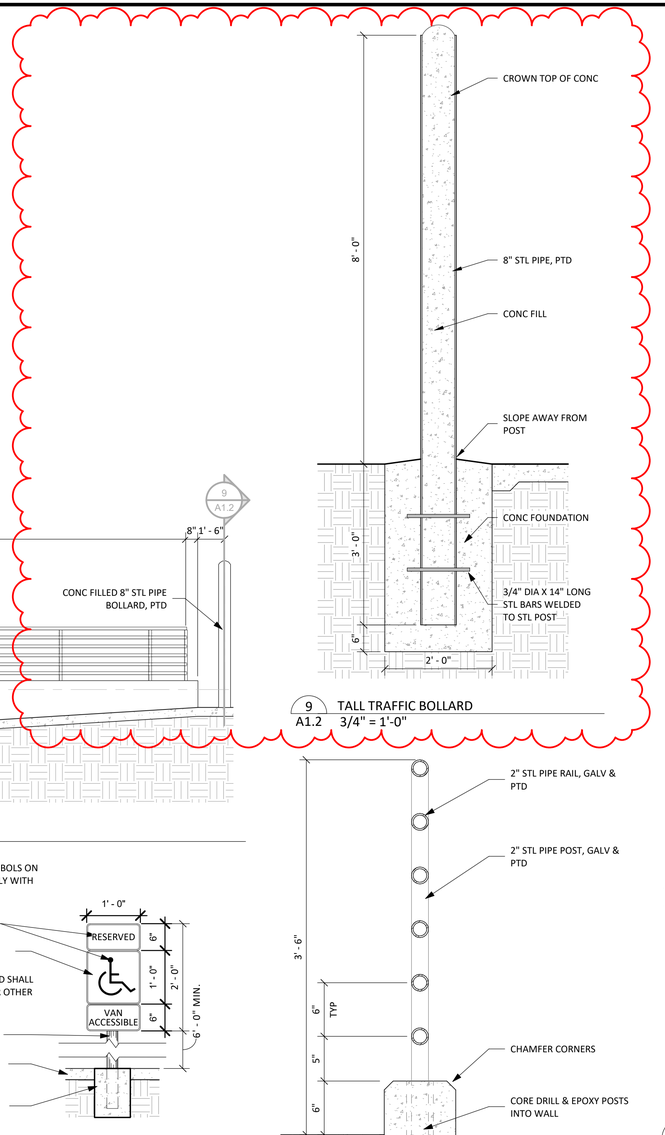
PROJECT NO:	DRAWN BY:
19.060	Author

SITE PLAN

A1.1

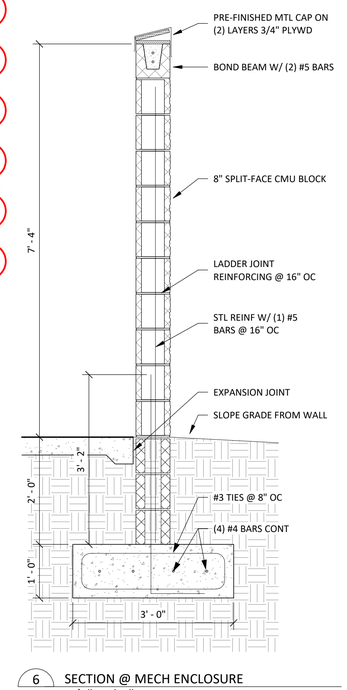


8 ELEV @ GUARDRAIL
A1.2 1/4" = 1'-0"

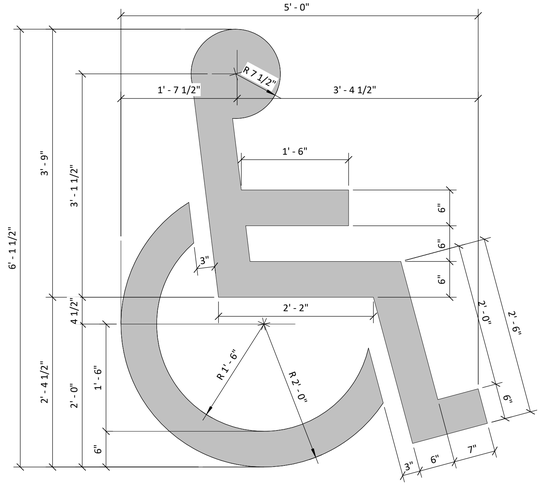


9 TALL TRAFFIC BOLLARD
A1.2 3/4" = 1'-0"

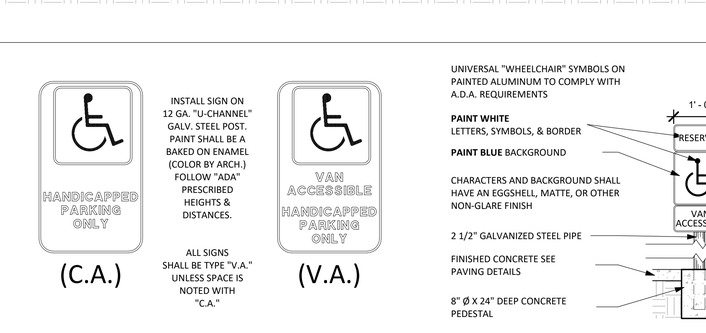
7 SECTION @ RETAINING WALL
A1.2 1 1/2" = 1'-0"



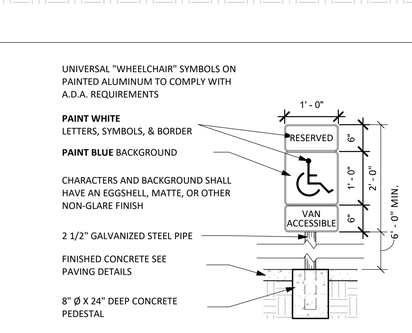
6 SECTION @ MECH ENCLOSURE
A1.2 3/4" = 1'-0"



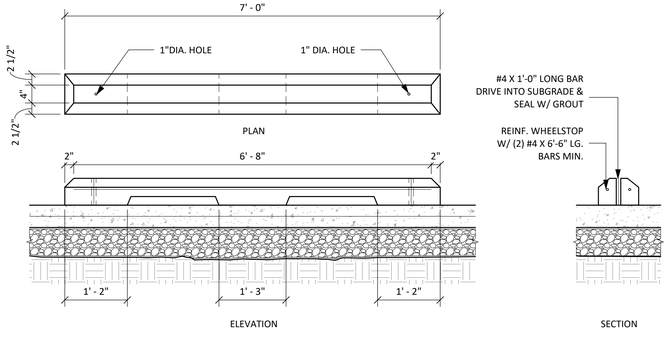
3 ADA PAVING SIGNAGE
A1.2 1" = 1'-0"



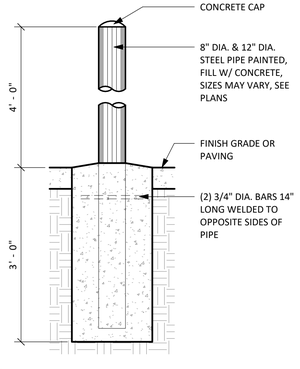
5 ADA PARKING SIGNAGE 2
A1.2 1" = 1'-0"



4 ADA PARKING SIGNAGE
A1.2 3/4" = 1'-0"



2 PRECAST CONCRETE WHEELSTOP
A1.2 3/4" = 1'-0"



1 BOLLARD DETAIL
A1.2 3/4" = 1'-0"

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated, used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown verify correct dimensions with the architect. Contractor shall verify and coordinate all dimensions and conditions at job site. Any and all dimensions and quantities shown on this drawing material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER
REG. No. 5849
STATE OF LOUISIANA
REGISTERED ARCHITECT

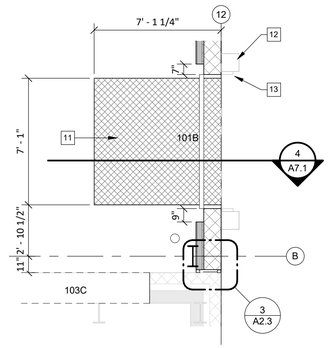
REVISION SCHEDULE		
3	09/21/20	ADDENDUM #3

PROJECT NO.	DRAWN BY:
19.060	Author

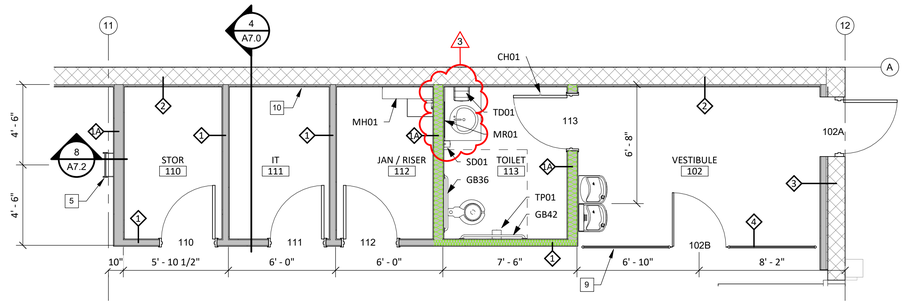
SITE DETAILS

A1.2

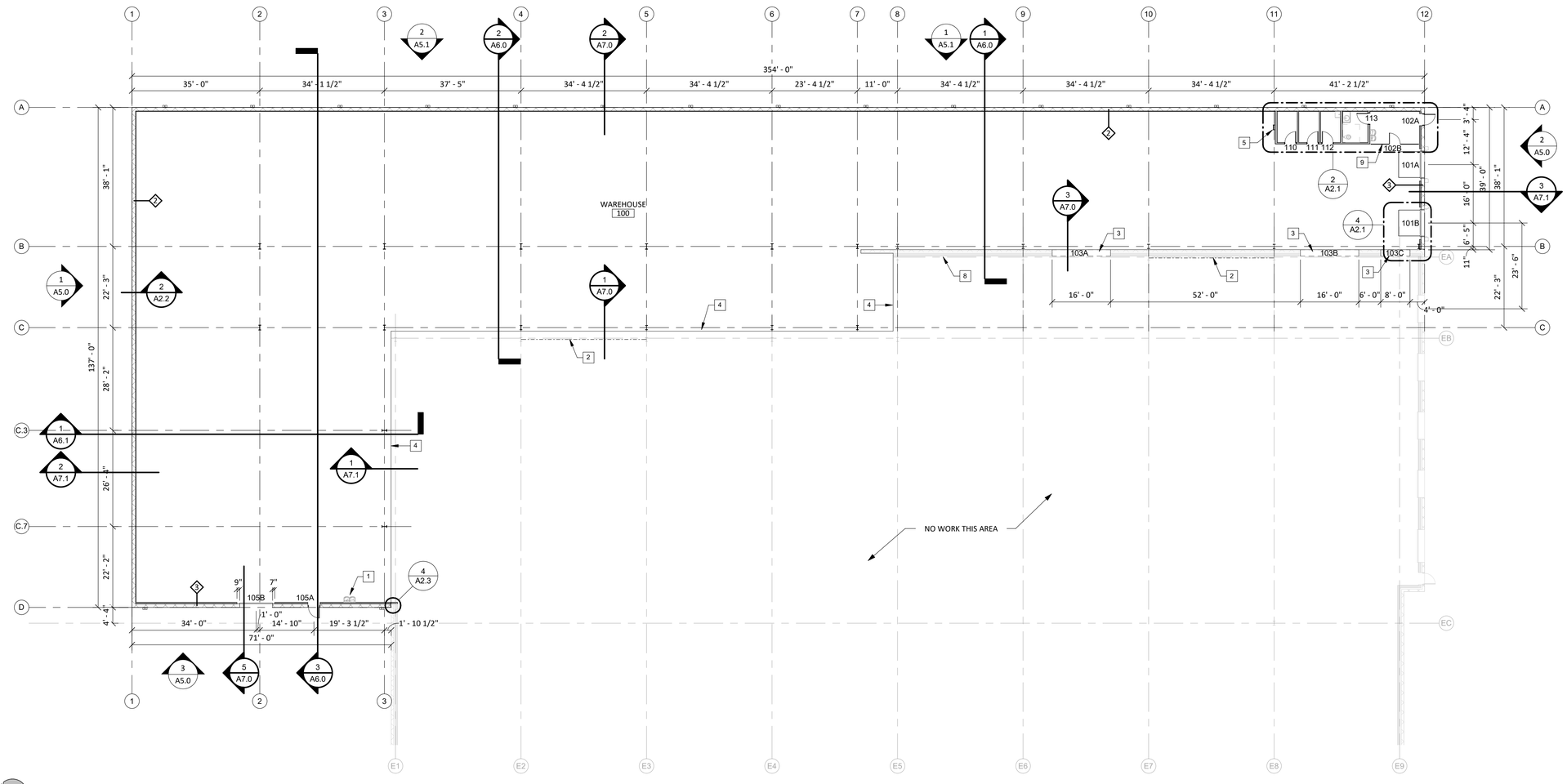
RESTROOM ACCESSORY SCHEDULE	
TYPE	DESCRIPTION
CH01	COAT HOOK, BOBRICK B-6827
CD01	SEAT COVER DISPENSER, BOBRICK B-211
GB36	36" STAINLESS STEEL GRAB BAR, BOBRICK B-5806
GB42	42" STAINLESS STEEL GRAB BAR, BOBRICK B-5806
MH01	MOP HOLDERER, BOBRICK B-239
MR01	24x36 MIRROR, BOBRICK B-290
TD01	PAPER TOWEL DISPENSER, BOBRICK B-72974
TP01	TOILET PAPER HOLDER, BOBRICK B-2888
SD01	HAND SOAP DISPENSER, BOBRICK B-2012



4 ENLARGED PLAN @ DOCKING BAY
A2.1 1/4" = 1'-0"



2 ENLARGED PLAN @ UTILITY ROOMS
A2.1 1/4" = 1'-0"



1 FLOOR PLAN
A2.1 1/16" = 1'-0"

KEYNOTES

1 DRINKING FOUNTAIN (ALTERNATE COST)
2 EXISTING HIGH X-BRACE TO REMAIN
3 NEW OPENINGS IN EXISTING CMU WALL
4 TRAFFIC RATED EXPANSION JOINT & COVER, REF STRUCT
5 ACCESS LADDER TO LIGHT STORAGE PLATFORM
8 PROVIDE POWER IN EXISTING WALL FOR LAPTOP CHARGING STATION . SEE MEP.
9 SECURITY FENCE & GATE W/ ACCESS CONTROL LOCKING
10 PROVIDE 3/4" PLYWD BACKER PANEL 8' TALL & ENTIRE WIDTH OF WALL
11 LOADING DOCK LEVELER
12 LOADING DOCK SEALS & SHEALTER
13 LOADING DOCK BUMPERS

FILL WALL W/ SOUND ATTENUATING BLANKETS; REF PARTITION TYPE

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER
REG. No. 5899
STATE OF LOUISIANA
REGISTERED ARCHITECT

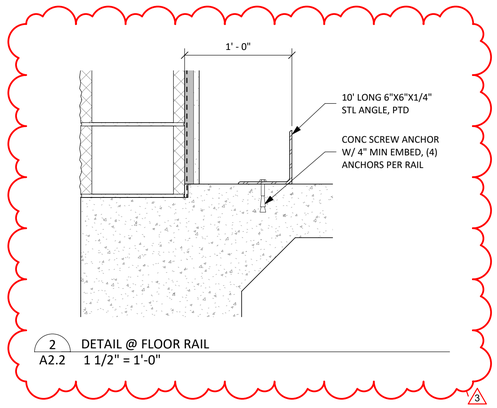
REVISION SCHEDULE

1	08/04/20	ADDENDUM 01
2	08/12/20	ADDENDUM 02
3	08/21/20	ADDENDUM 03

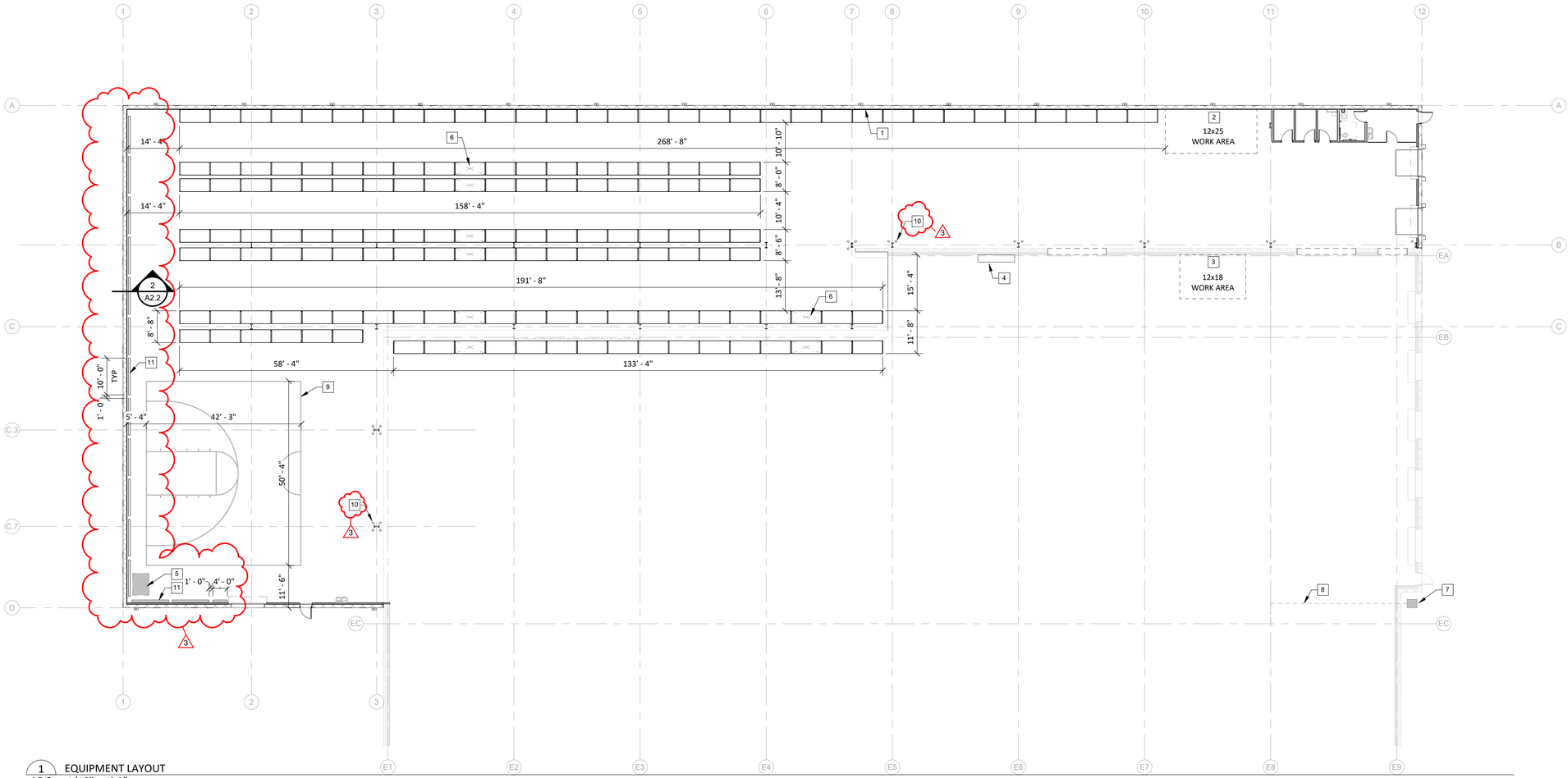
PROJECT NO:	DRAWN BY:
19.060	Author

FLOOR PLAN

A2.1



2 DETAIL @ FLOOR RAIL
A2.2 1 1/2" = 1'-0"



1 EQUIPMENT LAYOUT
A2.2 1/16" = 1'-0"

KEYNOTES

1 PROVIDE POWER FOR (3) FORK LIFT BATTERY CHARGING STATIONS. SEE MEP
2 PROVIDE DATA & POWER IN WALL FOR (4) WORK STATIONS. SEE MEP
3 PROVIDE DATA & POWER IN EXISTING WALL FOR (3) WORK STATIONS. SEE MEP
4 PROVIDE POWER IN EXISTING WALL FOR LAPTOP CHARGING STATION . SEE MEP
5 PROVIDE POWER FOR BAILER. SEE MEP
6 8X8 PASS THRU
7 RELOCATE EXISTING AIR COMPRESSOR TO MECH YARD
8 ROUTE COMPRESSED AIR PIPING OVERHEAD, DOWN COLUMN, & TOWARD EQUIPMENT CONNECTION PORT
9 BASKETBALL COURT STRIPPING OR PLATFORM BY OWNER
10 FLOOR MOUNTED STL BOLLARD, TRAFFICGUARD RFP4536RS, TOTAL OF (20)
11 6X6X1/4 FLOOR MOUNTED STL ANGLE RAIL, 10' LENGTH W/ 12" SPACE BETWEEN EA, REF 2/A2.2

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be used, duplicated, used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown verify, correct dimensions with the architect. Contractor shall verify and be responsible for all dimensions and conditions at job site. Any and all discrepancies shall be reported to the architect before material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER REG. No. 5899 STATE OF LOUISIANA REGISTERED ARCHITECT

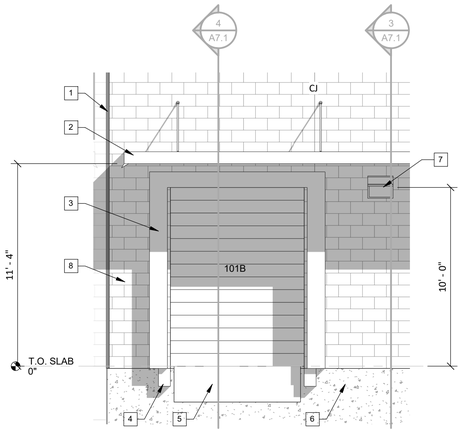
REVISION SCHEDULE

1	08/04/20	ADDENDUM 01
2	08/13/20	ADDENDUM 02
3	09/01/20	ADDENDUM 03

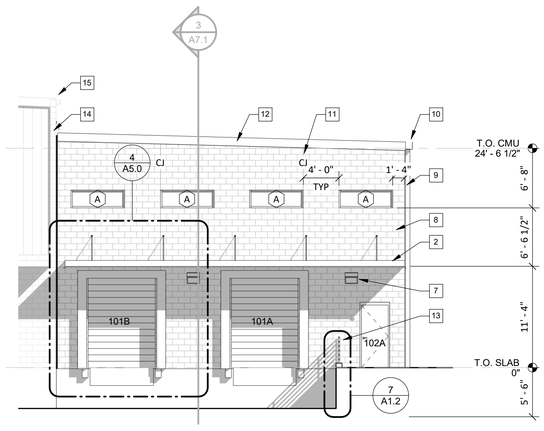
PROJECT NO:	DRAWN BY:
19.060	Author

EQUIPMENT LAYOUT

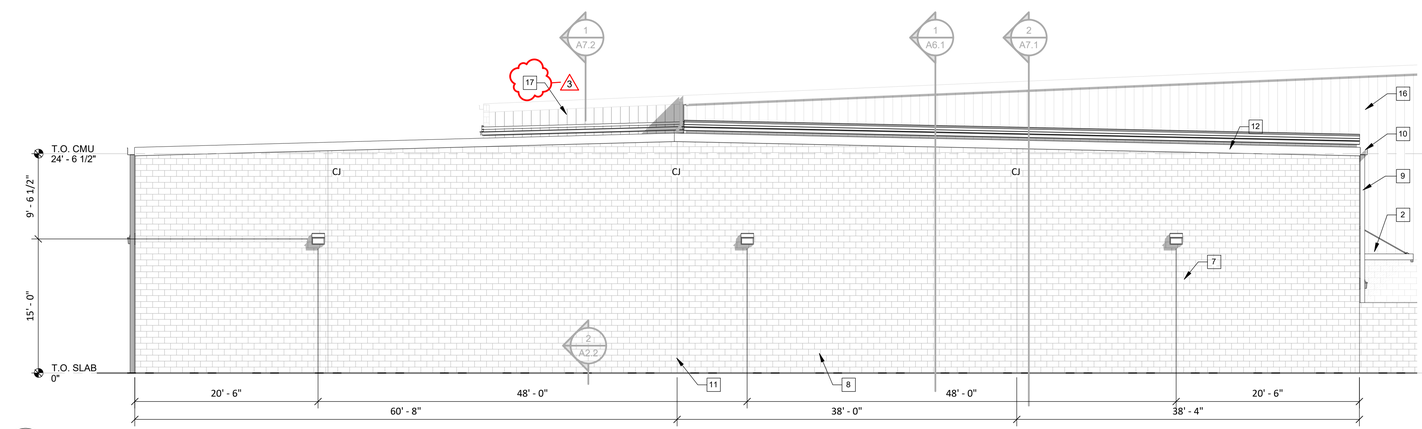
A2.2



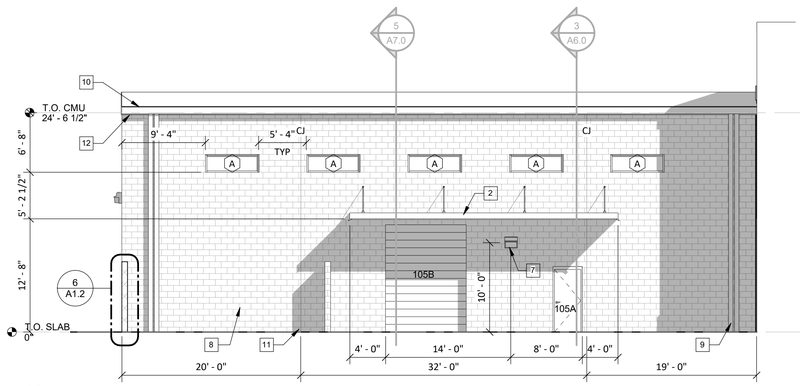
4 ENLARGED ELEV @ LOADING DOCK
A5.0 1/4" = 1'-0"



2 SOUTH ELEVATION
A5.0 1/8" = 1'-0"



1 NORTH ELEVATION
A5.0 1/8" = 1'-0"



3 WEST ELEVATION
A5.0 1/8" = 1'-0"

KEYNOTES

1 EXPANSION JOINT BETWEEN EXISTING CMU WALL & NEW
2 PRE-ENGINEERED MTL CANOPY W/ OVERHEAD SUPPORT & FLUSH SOFFIT
3 LOADING DOCK SEALS & SHEALTER
4 LOADING DOCK BUMPERS
5 LOADING DOCK LEVELER
6 CONCRETE FOUNDATION WALL, PTD
7 WALL PACK LIGHT FIXTURE, TYP
8 SPLIT FACE CMU WALL
9 PRE-FINISHED MTL DOWNSPOUT (PAIR)
10 PRE-FINISHED MTL GUTTER
11 CONTROL JOINT, TYP (CJ)
12 1X12 FIBER CEMENT FASCIA BD, PTD
13 STEEL PIPE GUARDRAIL, PTD
14 EXISTING CMU WALL
15 EXISTING MTL GUTTER & DOWNSPOUT, MODIFY DOWNSPOUT TO OUTLET @ NEW ROOF
16 EXISTING MTL PANEL WALL BEYOND
17 PRE-FINISHED MTL PANEL
3

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. Find dimensions, verify, correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are indicated within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER
REG. No. 5899
STATE OF LOUISIANA
REGISTERED ARCHITECT

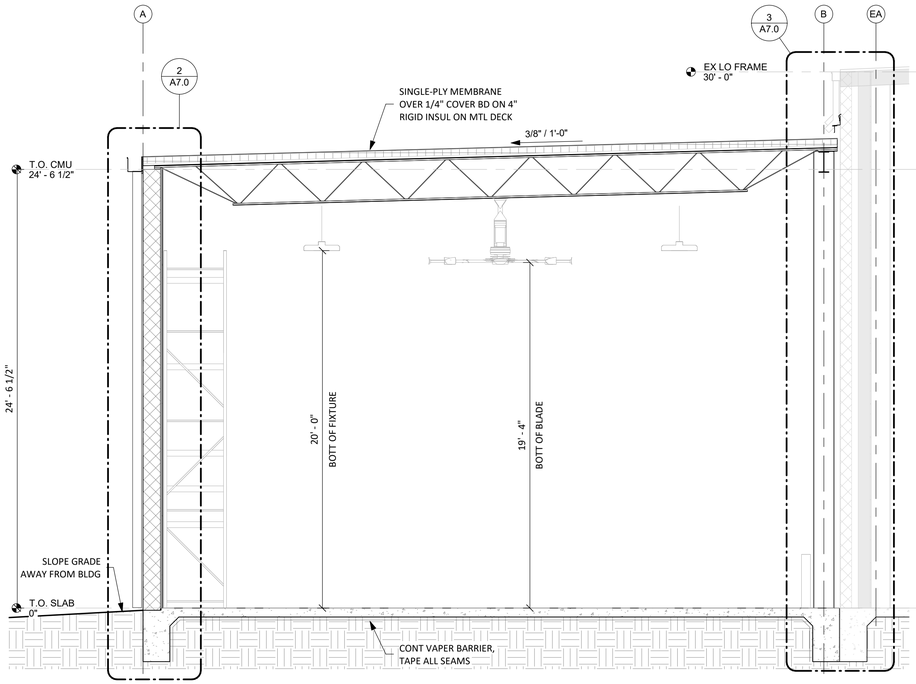
REVISION SCHEDULE

1	06/04/20	ADDENDUM 01
2	06/12/20	ADDENDUM 02
3	06/21/20	ADDENDUM 03

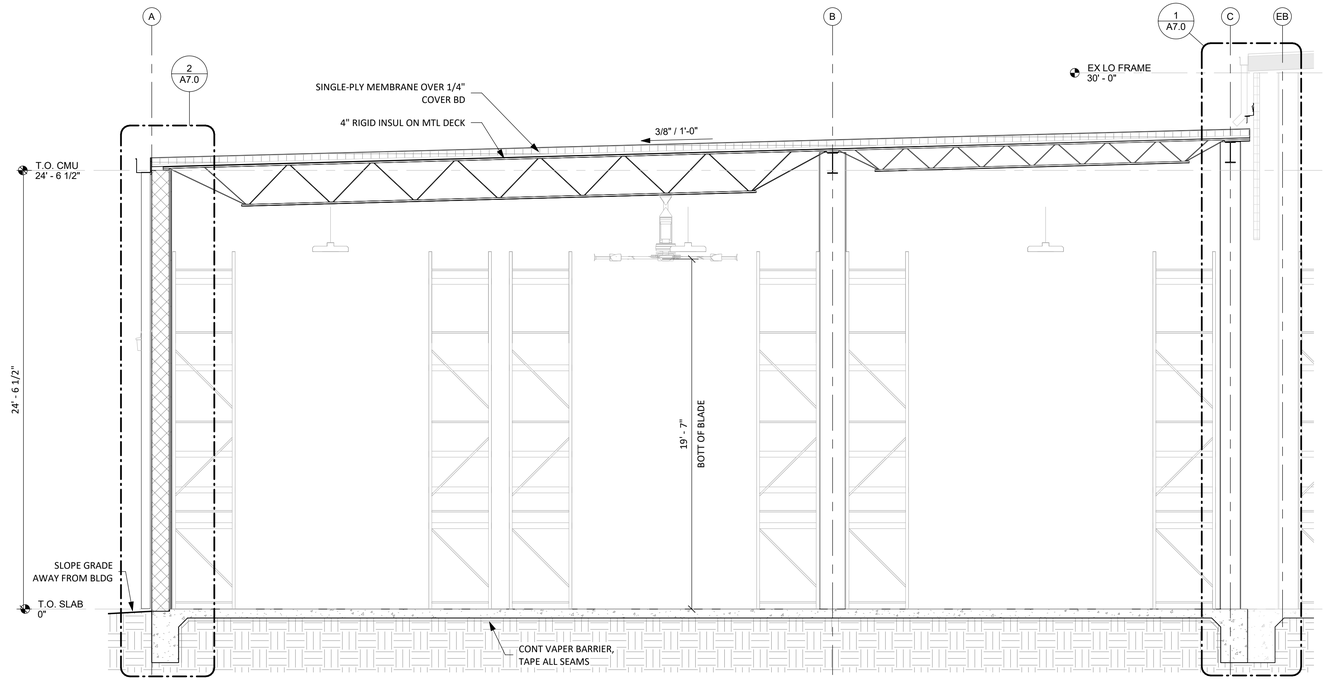
PROJECT NO:	DRAWN BY:
19.060	Author

EXTERIOR ELEVATIONS

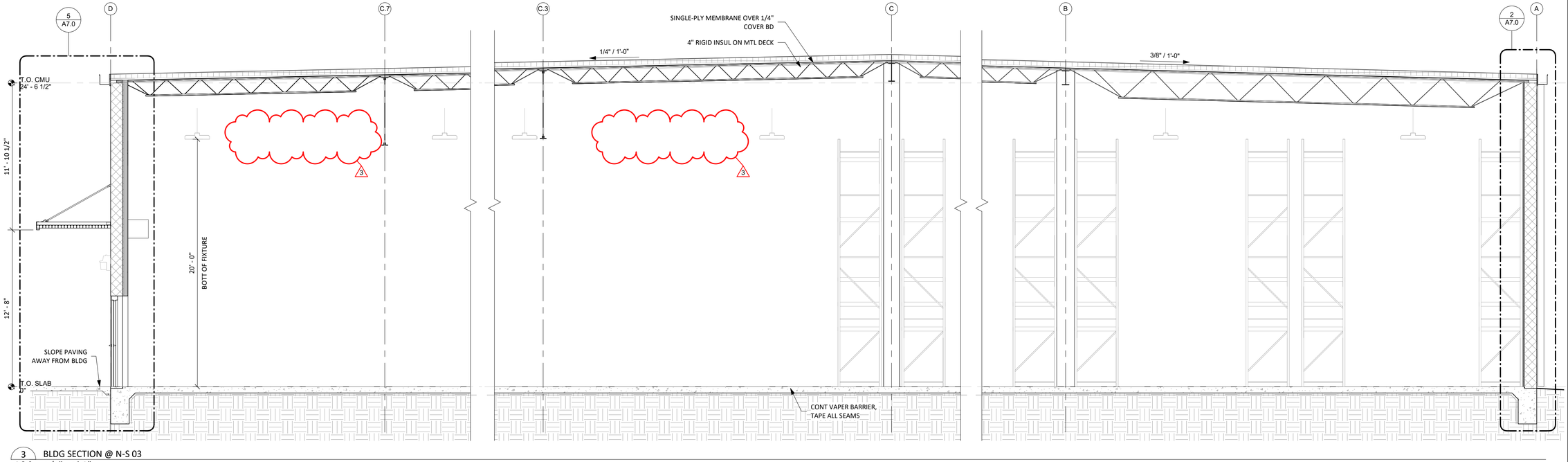
A5.0



1 BLDG SECTION @ N-S 01
A6.0 1/4" = 1'-0"



2 BLDG SECTION @ N-S 02
A6.0 1/4" = 1'-0"



3 BLDG SECTION @ N-S 03
A6.0 1/4" = 1'-0"

RITTER MAHER
ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER
REG. No. 5899
STATE OF LOUISIANA
REGISTERED ARCHITECT

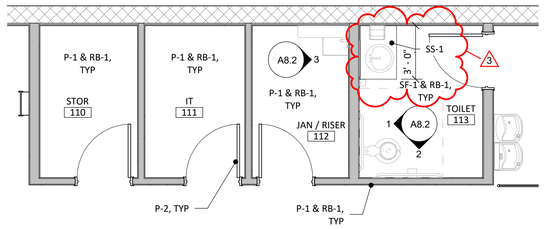
REVISION SCHEDULE

1	06/04/20	ADDENDUM 01
3	06/21/20	ADDENDUM 03

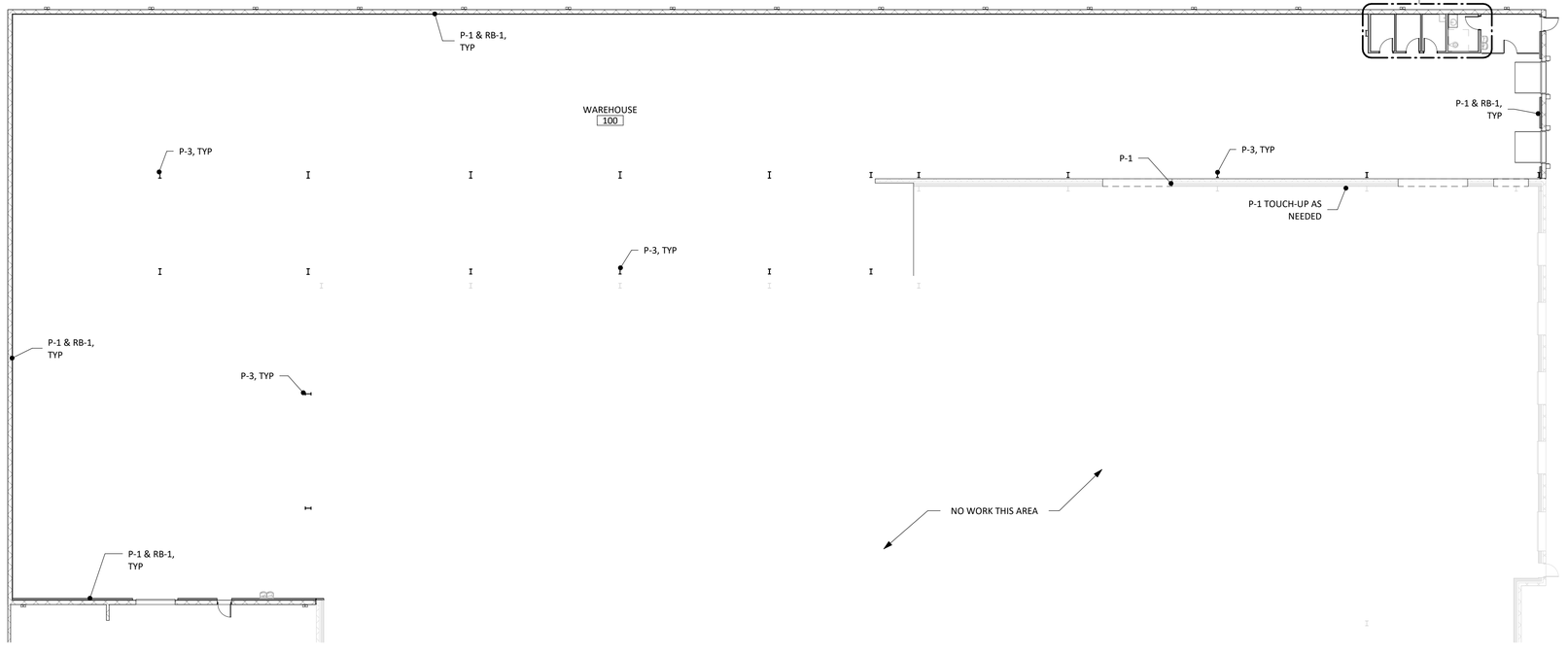
PROJECT NO:	DRAWN BY:
19.060	Author

BUILDING SECTIONS

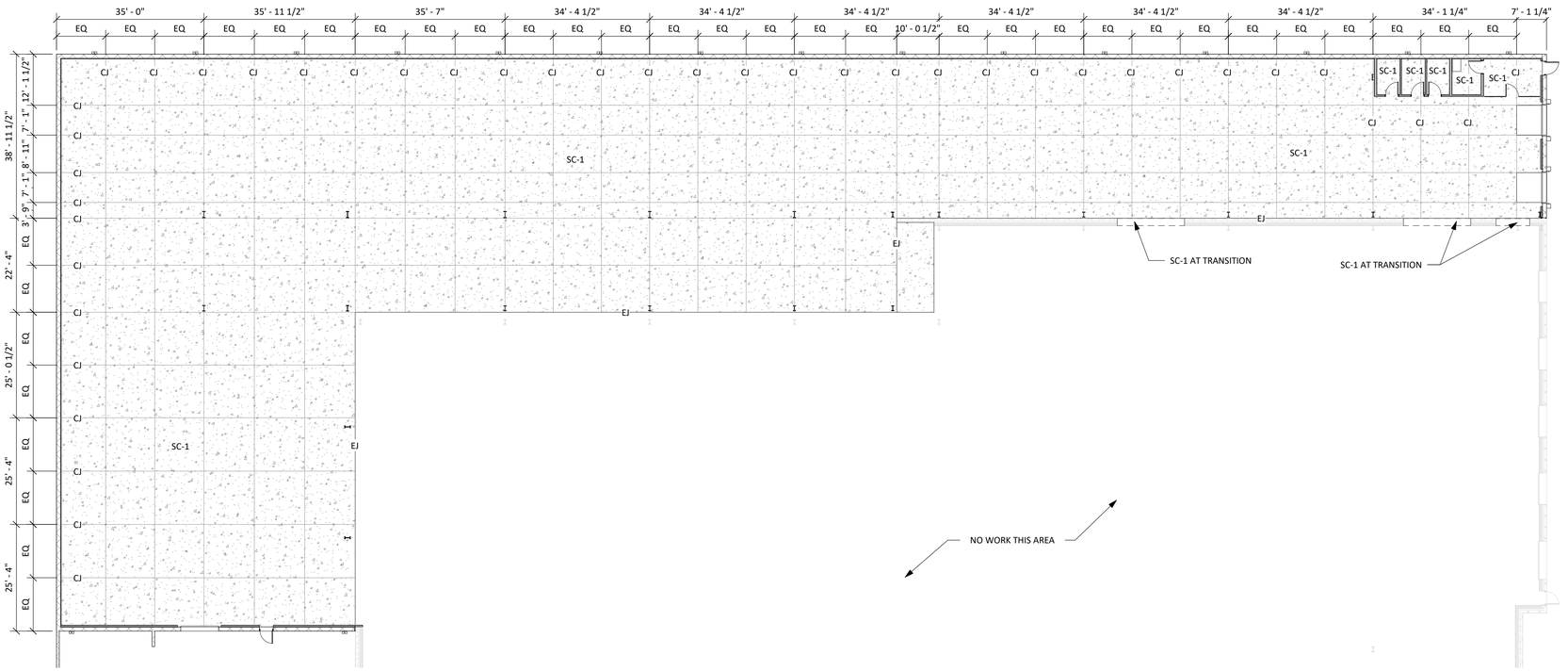
A6.0



3 ENLARGED FINISH PLAN 01
A8.0 1/4" = 1'-0"



2 WALL FINISH PLAN
A8.0 1/16" = 1'-0"



1 FLOOR FINISH PLAN
A8.0 1/16" = 1'-0"

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. Find shown, verify correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER REG. No. 5899 STATE OF LOUISIANA REGISTERED ARCHITECT

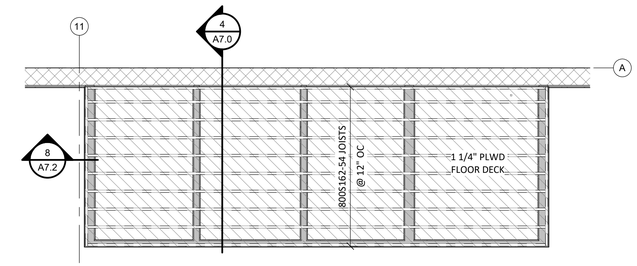
REVISION SCHEDULE

1	08/04/20	ADDENDUM 01
3	08/21/20	ADDENDUM 03

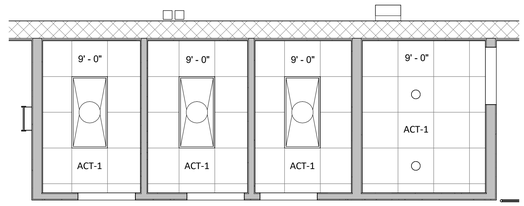
PROJECT NO:	DRAWN BY:
19.060	Author

FINISH PLANS

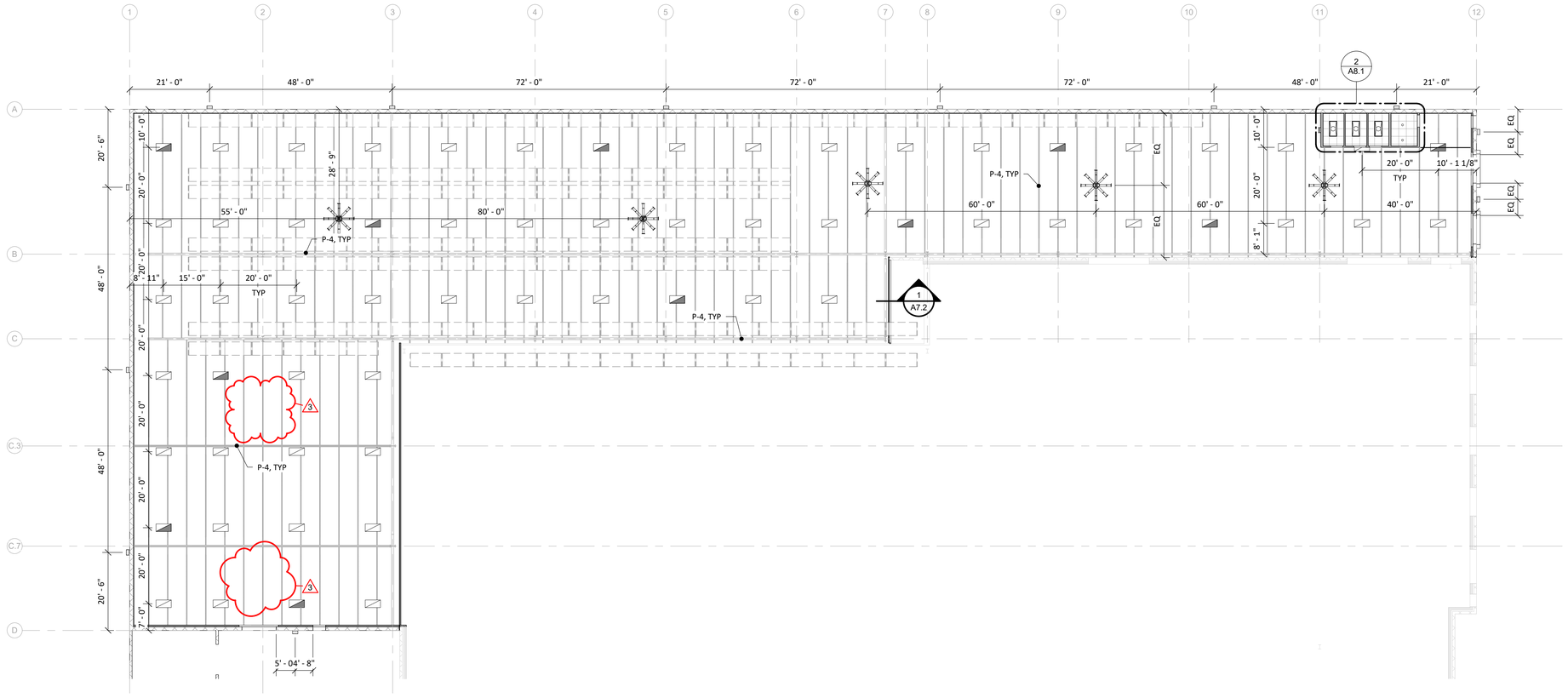
A8.0



3 ENLARGED PLAN @ STOR PLATFORM FRAMING
A8.1 1/4" = 1'-0"



2 ENLARGED RCP @ UTILITY ROOMS
A8.1 1/4" = 1'-0"



1 REFLECTED CEILING PLAN
A8.1 1/16" = 1'-0"

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. Find all dimensions correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER
REG. No. 5899
STATE OF LOUISIANA
REGISTERED ARCHITECT

REVISION SCHEDULE

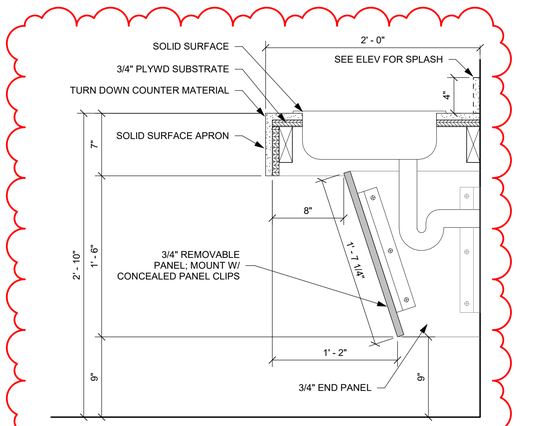
1	08/04/20	ADDENDUM 01
2	08/12/20	ADDENDUM 02
3	08/21/20	ADDENDUM 03

PROJECT NO:	DRAWN BY:
19.060	Author

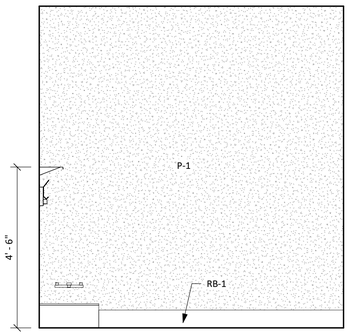
REFLECTED CEILING PLAN

A8.1

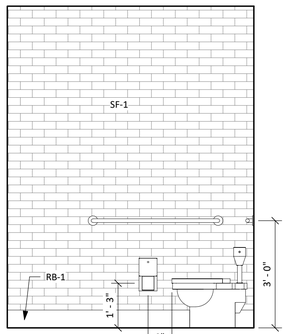
	MANUFACTUER	PATTERN / PRODUCT	COLOR	FINISH / TYPE	SIZE	NOTES
CERAMIC TILE						
CT-1	NOT USED	-	-	-	-	-
CT-2	NOT USED	-	-	-	-	-
GROUT						
G-1	NOT USED	-	-	-	1/16"	USE 1/16" ACUFLOOR LEVELING SPACERS TO PREVENT LIPPAGE
G-2	NOT USED	-	-	-	1/16"	USE 1/16" ACUFLOOR LEVELING SPACERS TO PREVENT LIPPAGE
TRIM PROFILES						
T-1	SCHLUTER	RENO-U	BRUSHED CHROME	ANODIZED ALUMINUM	TBD	TRANSITION BETWEEN UNEVEN FLOOR FINISHES
SEALED CONCRETE						
SC-1	TBD	TBD	TBD	TBD		RE: FLOOR FINISH PLAN
RUBBER BASE						
RB-1	ROPPE	-	TBD	-	6"	RE: WALL FINISH PLAN
RB-2	-	-	-	-	-	-
PAINT						
P-1	SHERWIN WILLIAMS	TYPICAL WALL	TBD	SATIN	-	RE: WALL FINISH PLAN
P-2	SHERWIN WILLIAMS	TYPICAL TRIM	TBD	SEMI GLOSS	-	RE: INTERIOR ELEVATIONS
P-3	SHERWIN WILLIAMS	STEEL COLUMNS	TBD	SATIN	-	RE: WALL FINISH PLAN
P-4	SHERWIN WILLIAMS	CEILING & STRUCT ABOVE	TBD	FLAT	-	RE: REFLECTED CEILING PLAN
CEILINGS						
ACT-1	ARMSTRONG	CALLA; PRELUDE ML	WHITE; WHITE	SQ TEGULAR; EXPOSED TEE	24 X 24; 15/16"	-
SOLID SURFACE						
SS-1	SILESTONE	TBD	TBD	EASED EDGE	3 CM THICKNESS	RE: INTERIOR ELEVATIONS & FINISH PLANS
SPECIALTIES						
SF-1	MARLITE	SYMMETRIX, SUBWAY TILE	WHITE; WHITE	-	-	PVC TRIM FOR ALL SEAMS



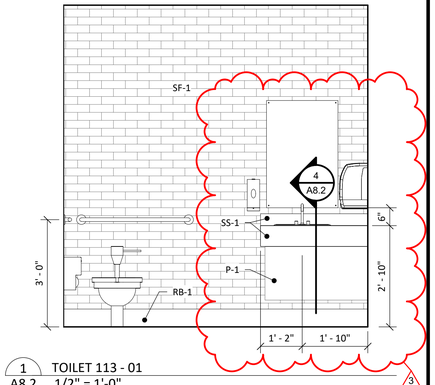
4 SS ACCESSIBLE SINK
A8.2 1 1/2" = 1'-0"



3 JAN 112
A8.2 1/2" = 1'-0"



2 TOILET 113 - 02
A8.2 1/2" = 1'-0"



1 TOILET 113 - 01
A8.2 1/2" = 1'-0"

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall check, verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STEPHEN P. MAHER
REG. No. 5899
STATE OF LOUISIANA
REGISTERED ARCHITECT

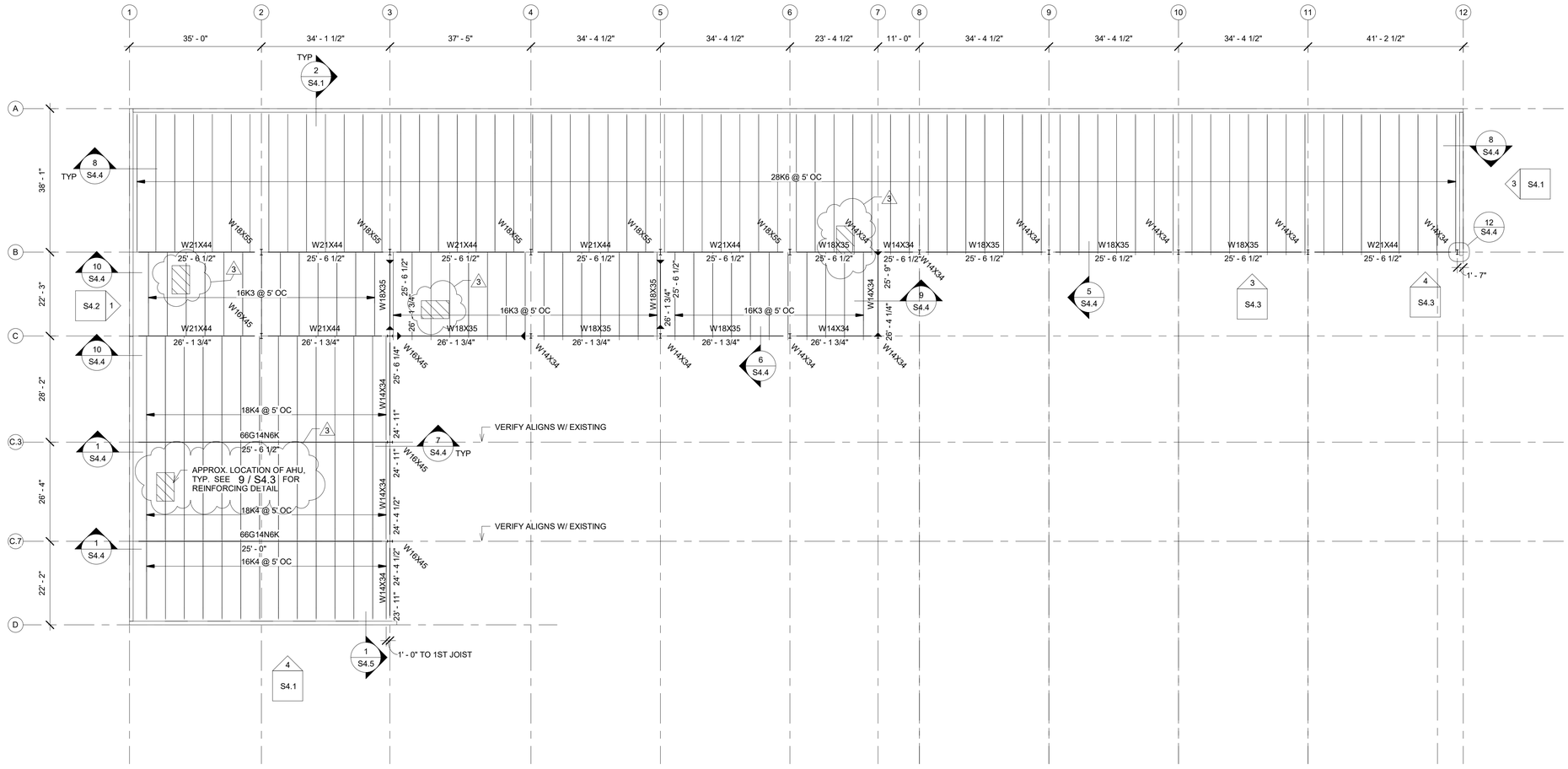
REVISION SCHEDULE

1	08/04/20	ADDENDUM 01
3	08/21/20	ADDENDUM 03

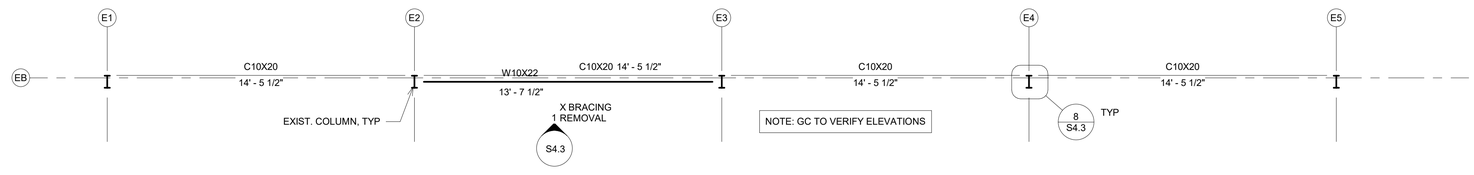
PROJECT NO: 19.060
DRAWN BY: Author

INTERIOR ELEVATIONS & SCHEDULE

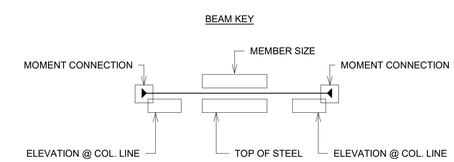
A8.2



1 ROOF FRAMING PLAN
1/16" = 1'-0"



2 REMOVAL OF X BRACING
1/8" = 1'-0"



STEIN LASSEIGNE
A STRUCTURAL ENGINEERING GROUP
2020-044

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

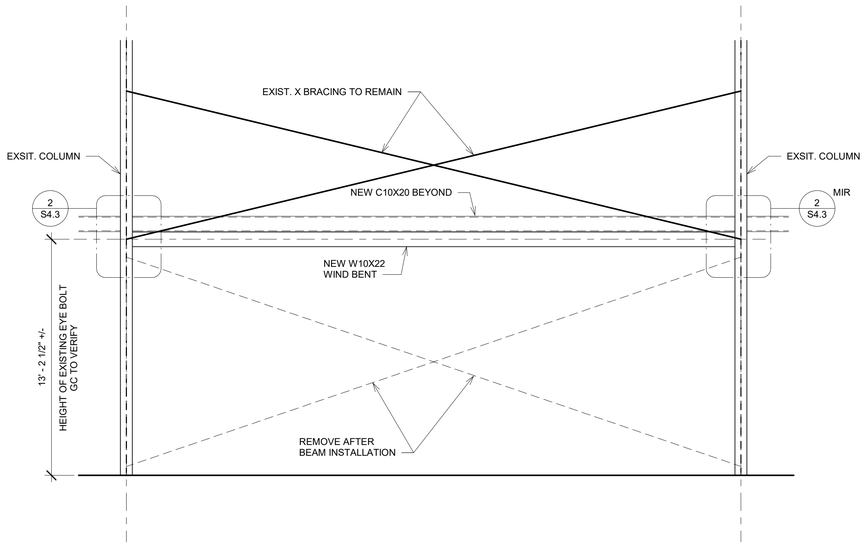
STATE OF LOUISIANA
BRANDON S. NOWAKOWSKI
License No. 41262
PROFESSIONAL ENGINEER
8-4-2020

REVISION SCHEDULE
3 8/21/2020 Addendum 03

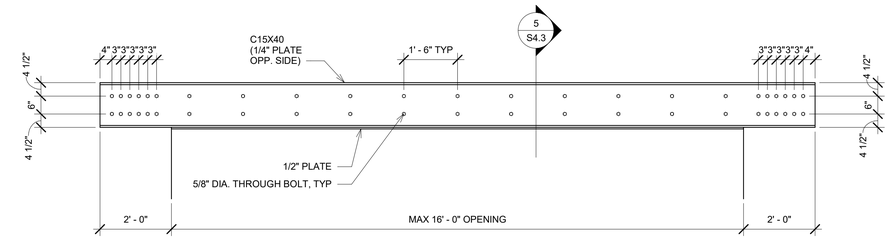
PROJECT NO:	DRAWN BY:
19.060	NMS

ROOF FRAMING PLAN

S3.0

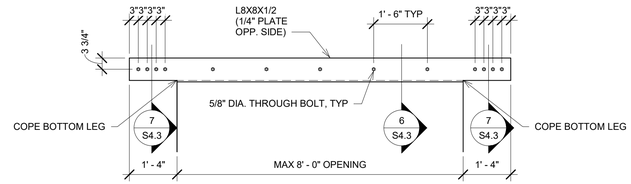


1 X BRACING REMOVAL
1/4" = 1'-0"



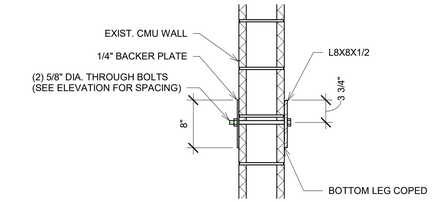
SEE 4 / S4.5 FOR STUD WALL HEADER

3 16' OPENING IN EXIST. CMU
1/2" = 1'-0"

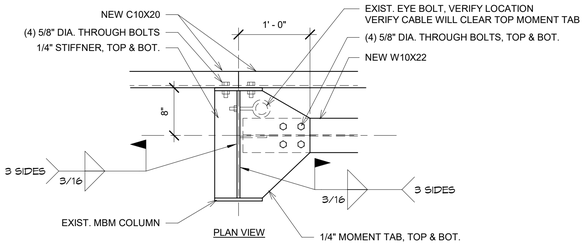


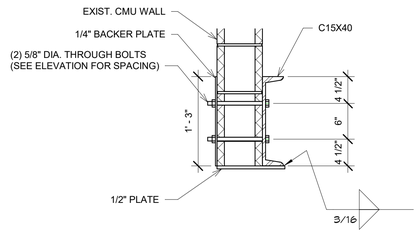
SEE 4 / S4.5 FOR STUD WALL HEADER

4 8' OPENING IN EXIST. CMU
1/2" = 1'-0"

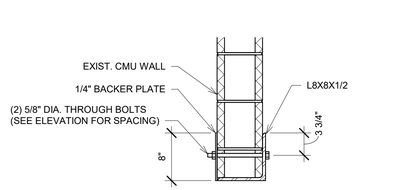


7 8' LINTEL COPED
1" = 1'-0"

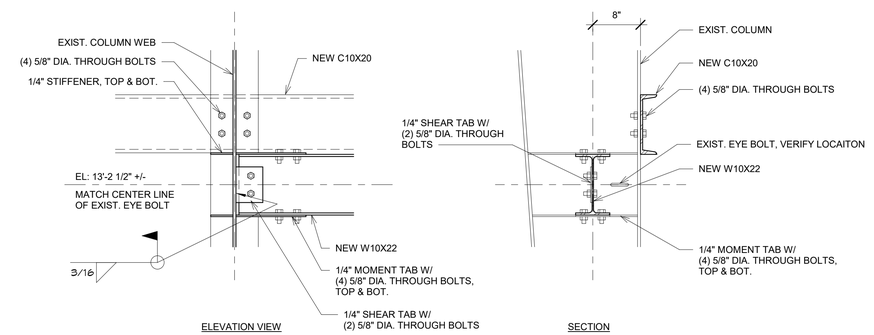




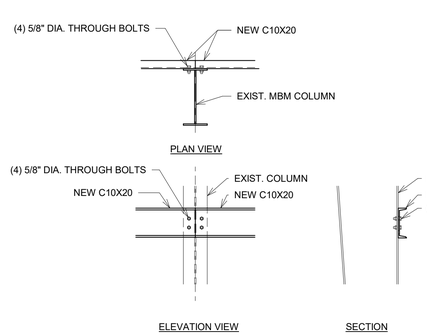
5 16' LINTEL
1" = 1'-0"



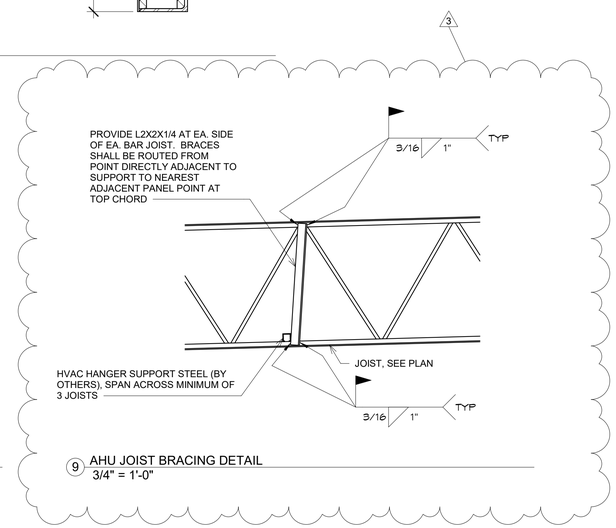
6 8' LINTEL
1" = 1'-0"



2 WIND BENT DETAIL
1" = 1'-0"



8 CHANNEL ATACHMENT
1/2" = 1'-0"



9 AHU JOIST BRACING DETAIL
3/4" = 1'-0"

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be used, duplicated, used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall verify all dimensions and conditions at job site. Any and all discrepancies shall be reported to architect. Quantities are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

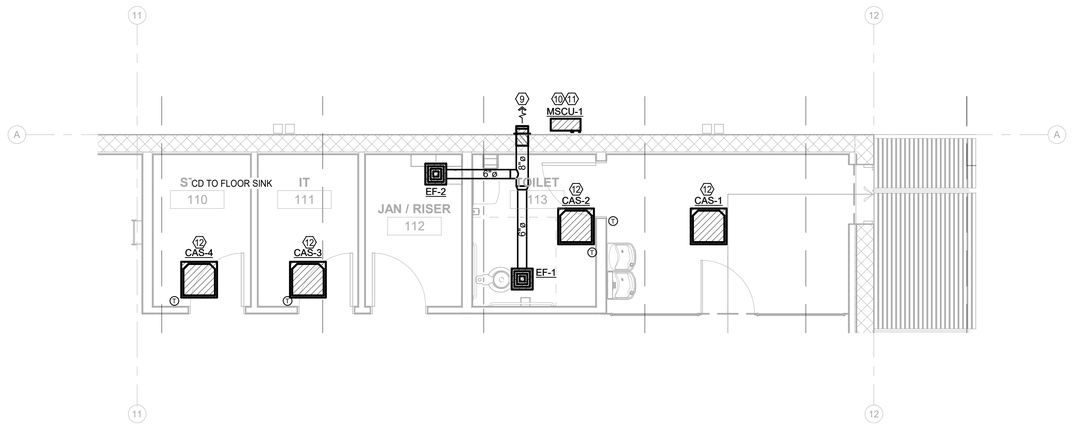
REVISION SCHEDULE
3 | 8/21/2020 | Addendum 03

PROJECT NO:	DRAWN BY:
19.060	NMS

STRUCTURAL DETAILS (CONT.)

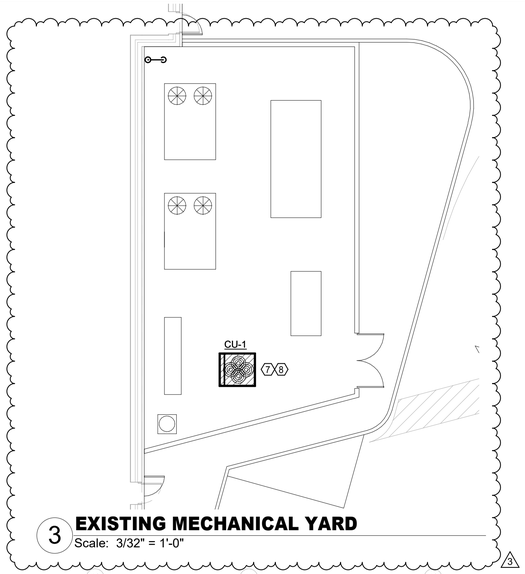
S4.3

STEIN LASSEIGNE
A STRUCTURAL ENGINEERING GROUP
2020-044



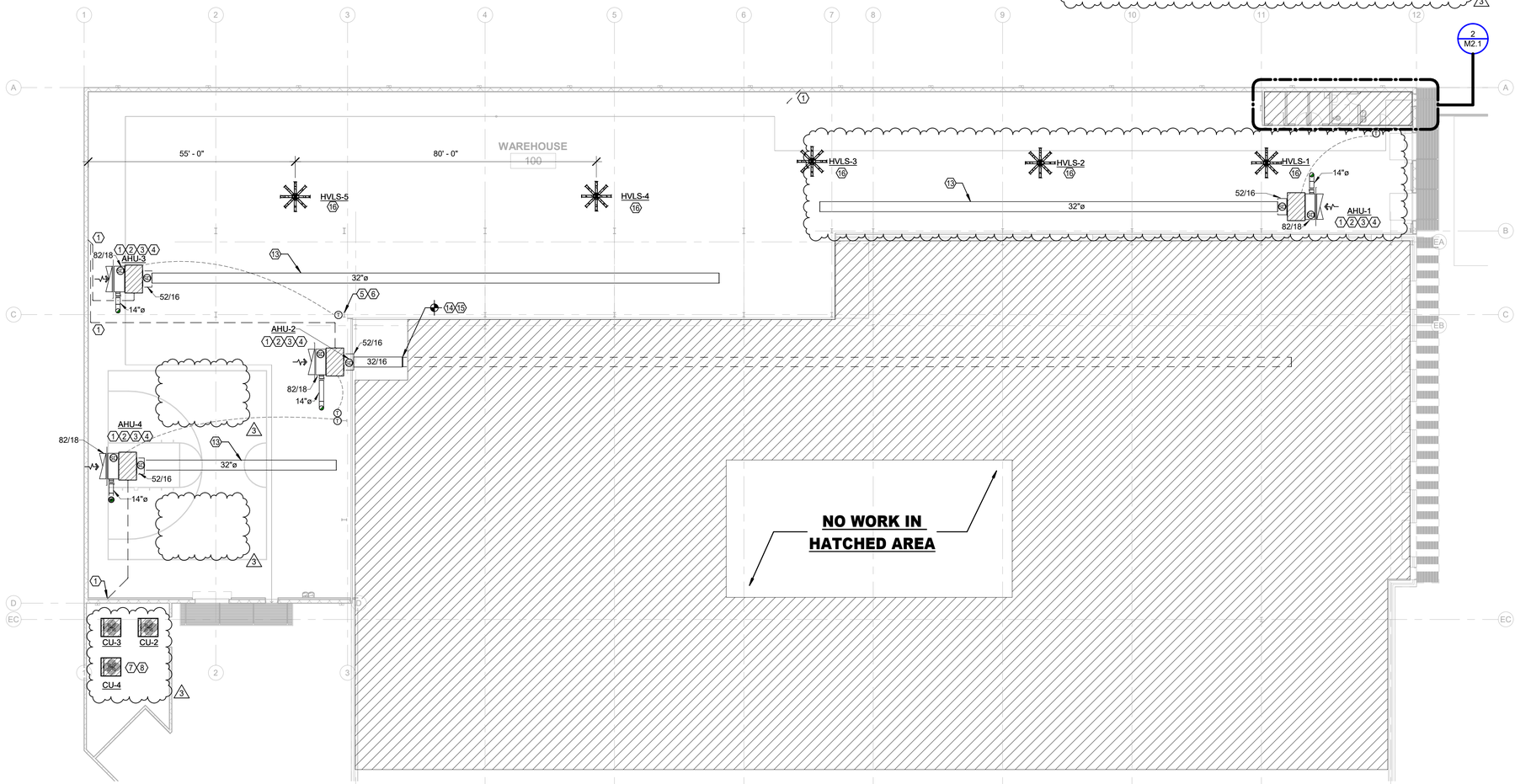
2 MECHANICAL ENLARGED PLAN @ ADMIN

Scale: 1/4" = 1'-0"



3 EXISTING MECHANICAL YARD

Scale: 3/32" = 1'-0"



1 MECHANICAL FLOOR PLAN

Scale: 1/16" = 1'-0"

MECHANICAL GENERAL NOTES

1.) ALL DUCT SIZES SHOWN ARE INSIDE CLEAR, INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.

2.) COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.

3.) ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DIPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH "ZRC" COLD GALVANIZING COMPOUND.

4.) SHOP PRIME ALL MISCELLANEOUS INTERIOR BRACKETS AND HANGERS UNLESS GALVANIZED OR STAINLESS STEEL.

5.) REFER TO ARCHITECTURAL FOR ALL SOFFIT GRILLE MOUNTING LOCATIONS.

MECHANICAL KEYED NOTES

1. ROUTE FULL SIZED INSULATED CONDENSATE DRAIN WITH AIR TRAP TO HUB DRAIN. COORDINATE WITH PLUMBING PLANS FOR EXACT LOCATION OF HUB DRAIN.
2. PROVIDE AUXILIARY EMERGENCY DRAIN PAN WITH EMERGENCY OVER FLOW FLOAT SWITCH. PAN SHALL BE MINIMUM 4" DEEP AND SHALL EXTEND OUT FROM UNDER UNIT 6" ON ALL SIDES
3. ROUTE 14"Ø OUTSIDE AIR DUCT UP TO LOW PROFILE ROOF CAP. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF ROOF CAP. PROVIDE GREENHECK MODEL GRS OR APPROVED EQUAL. LOCATE INTAKE 10'-0" FROM ALL BUILDING EXHAUST OUTLETS.
4. VERIFY SERVICE CLEARANCE FOR AIR FILTER REMOVAL WITH EQUIPMENT MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT. SUSPEND UNIT FROM STRUCTURE WITH THREADED RODS AND UNISTRUT CROSS RUNNERS. PROVIDE WITH MEANS OF VIBRATION ISOLATION MOUNTING. TYPICAL OF ALL AHU UNITS
5. LOCATION OF FAN CONTROLLER. COORDINATE WITH ARCHITECT. PROVIDE MACROAIR CONTROLLER 30.
6. PROVIDE CONTROLLER INTERLOCKED WITH ALL HVLS FANS.
7. PROVIDE 4" THICK REINFORCED CONCRETE HOUSEKEEPING PAD. VERIFY SIZE PAD PER UNIT MANUFACTURERS RECOMMENDATIONS. TYPICAL
8. ROUTE REFRIGERANT LINES UP INSIDE EXTERIOR WALL. PENETRATE WALL AT 12"AFF. FIELD ROUTE TO RESPECTIVE INDOOR UNIT. MOUNT LINES TIGHT TO STRUCTURE. TYPICAL
9. ROUTE 8"Ø EXHAUST DUCT TO LOW PROFILE WALL CAP. PROVIDE GREENHECK MODEL WC OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR EXACT PLACEMENT, MOUNTING HEIGHT, AND COLOR SELECTION.
10. PROVIDE VRF CONDENSING UNIT WITH MANUFACTURER WALL MOUNTING KIT.
11. ROUTE REFRIGERANT LINES UP EXTERIOR WALL AND PENETRATE ABOVE CEILING SPACE. PROVIDE LINE HIDE REFRIGERANT COVER FOR LINESETS.
12. FIELD ROUTE 3/4" INSULATED CONDENSATE DRAIN LINE TO FLOOR SINK IN JANITOR CLOSET.
13. EXPOSED FABRIC DUCT COLOR TO BE COORDINATED WITH OWNER. PROVIDE FABRIC DUCT WITH MANUFACTURER RECOMMENDED MOUNTING HARDWARE AND A INTERNAL HOOP SYSTEM. SIZE DUCT FOR 1400 FPM.
14. EXISTING FABRIC DUCT.
15. PROVIDE NEW POINT OF CONNECTION FOR NEW DUCT TO EXISTING FABRIC DUCT. FIELD MODIFY AS REQUIRED FOR CONNECTION.
16. PROVIDE ALL HARDWARE NECESSARY FOR MOUNTING HVLS FAN. COORDINATE MOUNTING HEIGHTS WITH DUCT, LIGHTS, AND SHELVING RACKS, ETC. TYPICAL

RITTER MAHER ARCHITECTS
p 225.383.4321
rittermaher.com
2987 Government Street
Baton Rouge, LA 70806

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be used, duplicated, used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall verify all dimensions and conditions at job site. Any and all discrepancies shall be reported to the architect. Quantities shown are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

REVISION SCHEDULE

1	08/06/2020	ADDENDUM 01
2	08/12/2020	ADDENDUM 02
3	08/24/2020	ADDENDUM 03

PROJECT NO.	DRAWN BY:
534-00900	SEP

MECHANICAL FLOOR PLAN

M2.1

SALASOBRIEN
expect a difference
2380 Towne Center Boulevard, Suite 1210
Baton Rouge, Louisiana 70806
225.766.8002 | Registration No. 2964
SOBE Project No. 534-2020-00900

MECHANICAL KEYED NOTES

1. OUTSIDE AIR INTAKE VENTS. REFER TO M2.1 FOR ROUTING INFORMAITON.

1 **MECHANICAL ROOF PLAN**
Scale: 1/16" = 1'-0"

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated, used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall verify and coordinate all dimensions and conditions at job site. Any and all discrepancies shall be reported to the architect. Information and material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STATE OF LOUISIANA
MORGAN MCGLONE
License No. 39498
PROFESSIONAL ENGINEER
08/24/2020

REVISION SCHEDULE

1.	09/04/2020	ADDENDUM 01
2.	09/17/2020	ADDENDUM 02
3.	09/24/2020	ADDENDUM 03

PROJECT NO:	DRAWN BY:
534-00900	SEP

MECHANICAL ROOF PLAN

M3.1

SALASOBRIEN | expect a difference |
2380 Towne Center Boulevard, Suite 1210
Baton Rouge, Louisiana 70806
225.766.8002 | Registration No. 2964
SOBE Project No. 534-2020-00900

HEATPUMP MULTISPLIT CONDENSING UNIT

MARK	NOM. TOTAL CAPACITY (BTUH)	MINIMUM EER/ SEER	CURRENT CHARAC. V	PH	F	MCA	MOCP	RELATED UNIT MARK	REMARKS
MSCU-1	36,000	12.5 / 19	208	1	60	23.9	25	CAS-1,2,3,4	1,2

GENERAL NOTES:
1. MINIMUM RECOMMENDED CLEARANCE AROUND UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. BASIS OF DESIGN: DAIKIN 4MX
2. CONDENSING UNIT SHALL HAVE 4 PORTS.

AIR COOLED CONDENSING UNIT

MARK	NOM. TOTAL CAPACITY (BTUH)	OUTDOOR AIR TEMP (°F)	MINIMUM EER/ SEER	CURRENT CHARAC. V	PH	F	MCA	MOCP	RELATED UNIT MARK	REMARKS
CU-1	240,000	95	11.0/13.4	460	3	60	44	60	AHU-1	1,2,3
CU-2	240,000	95	11.0/13.4	460	3	60	44	60	AHU-2	1,2,3
CU-3	240,000	95	11.0/13.4	460	3	60	44	60	AHU-3	1,2,3
CU-4	240,000	95	11.0/13.4	460	3	60	44	60	AHU-4	1,2,3

GENERAL NOTES:
1. REFER TO MANUFACTURER FOR MINIMUM CLEARANCE AROUND UNIT. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.
2. BASIS OF DESIGN: JCI

REMARKS:
1. PROVIDE WITH HAIL COIL GUARDS.
2. PROVIDE WITH LOCKING SERVICE PORTS.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.

DUCTLESS HEATPUMP MINI-SPLIT - INDOOR UNIT

MARK	FAN SUPPLY AIR CFM	COOLING AIR TEMPERATURE (°F) ENTERING DRY BULB	ENTERING WET BULB	NOM. TOTAL CAPACITY (BTUH)	MIN. SENS. CAPACITY (BTUH)	NUMBER OF STAGES	HEATING ENTERING AIR TEMP. (°F)	NOMINAL CAPACITY (BTUH)	REMARKS
CAS-1	378	75.0	67.0	9,000	6,750	1	70 °F	9000 Btu/h	1,2,3,4,5
CAS-2	378	75.0	67.0	9,000	6,750	1	70 °F	9000 Btu/h	1,2,3,4,5
CAS-3	378	75.0	67.0	9,000	6,750	1	70 °F	9000 Btu/h	1,2,3,4,5,6
CAS-4	378	75.0	67.0	9,000	6,750	1	70 °F	9000 Btu/h	1,2,3,4,5

3

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.
3. BASIS OF DESIGN: DAIKIN FFQ

REMARKS:
1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. CONTROLLED BY PROGRAMMABLE WIRED THERMOSTAT.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
4. INDOOR UNIT IS POWERED FROM OUTDOOR UNIT.
5. PROVIDE CASSETTE WITH CONDENSATE LIFT PUMP CAPABLE OF 18" LIFT POWERED BY UNIT.
6. UNIT SHALL BE LOCKED OUT FOR COOLING ONLY.

DX FAN/COIL UNIT

MARK	FAN SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	HORSE POWER	CURRENT CHARAC. V	P	F	COOLING AIR TEMPERATURE (°F) ENTERING DRY BULB	ENTERING WET BULB	NOM. TOTAL CAPACITY (BTUH)	NOM. SENS. CAPACITY (BTUH)	MINIMUM EER/ SEER	NUMBER OF STAGES	REMARKS
AHU-1	8,000	800	1.50	5.0	460	3	60	80.0	67.0	240,000	180,000	10.6/13.3	2	
AHU-2	8,000	800	1.50	5.0	460	3	60	80.0	67.0	240,000	180,000	10.6/13.3	2	
AHU-3	8,000	800	1.50	5.0	460	3	60	80.0	67.0	240,000	180,000	10.6/13.3	2	
AHU-4	8,000	800	1.00	5.0	460	3	60	80.0	67.0	240,000	180,000	10.6/13.3	2	

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.
3. BASIS OF DESIGN: JCI

REMARKS:
1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. CONTROLLED BY PROGRAMMABLE WIRED THERMOSTAT.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
4. PROVIDE HORIZONTAL UNIT.
5. PROVIDE WITH SPRING MOUNTED ISOLATION DAMPERS.
6. PROVIDE SMOKE DETECTOR IN RETURN AND SUPPLY AIR DUCT.

FAN

MARK	LOCATION	CFM	EXT. STATIC PRESSURE (IN. W.C.)	MAX. RPM	HORSE POWER	CURRENT CHARAC. V	P	F	LOCALLY SWITCHED BY	INTERLOCKED WITH	FAN TYPE	DRIVE TYPE	MANUFACTURER	MODEL NUMBER	REMARKS
EF-1	TOILET 113	75	0.25	1,100	0.11	120	1	60	-	LIGHTS	CEILING	DIRECT	GREENHECK	SP	1, 2
EF-2	JAN/ RISER 112	75	0.25	1,100	0.11	120	1	60	-	LIGHTS	CEILING	DIRECT	GREENHECK	SP	1, 2
HVLS-1	WAREHOUSE-1	0	0.00	202	1	208	1	60	-	CONTROLLER	HVLS	DIRECT	MACRO AIR	MY08	3,4
HVLS-2	WAREHOUSE-1	0	0.00	202	1	208	1	60	-	CONTROLLER	HVLS	DIRECT	MACRO AIR	MY08	3,4
HVLS-3	WAREHOUSE-1	0	0.00	202	1	208	1	60	-	CONTROLLER	HVLS	DIRECT	MACRO AIR	MY08	3,4
HVLS-4	WAREHOUSE-1	0	0.00	202	1	208	1	60	-	CONTROLLER	HVLS	DIRECT	MACRO AIR	MY08	3,4
HVLS-5	WAREHOUSE-1	0	0.00	202	1	208	1	60	-	CONTROLLER	HVLS	DIRECT	MACRO AIR	MY08	3,4

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MINIMUM RECOMMENDED CLEARANCE AROUND UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. PROVIDE WITH DISCONNECT.
2. PROVIDE WITH PRE-WIRED SPEED CONTROLLER
3. PROVIDE WITH MANUFACTURER MOUNTING HARDWARE.
4. PROVIDE MACRO AIR CONTROLLER TO CONTROL ALL FANS.

3

BASIS OF DESIGN

THE MANUFACTURER AND MODEL NUMBER LISTED IN THE DRAWINGS OR SPECIFICATIONS ARE THE BASIS OF DESIGN. WHEN PROVIDING EQUIPMENT THAT IS NOT THE BASIS OF DESIGN, THE CONTRACTOR SHALL PROVIDE AN ITEMIZED LIST OF ALL DEVIATIONS FROM THE INFORMATION DETAILED IN BOTH THE SPECIFICATION SECTION AND SCHEDULE. ADDITIONALLY, THE EQUIPMENT MUST MEET THE PHYSICAL CONSTRAINTS OF ROOM INCLUDING COORDINATION WITH OTHER TRADES AND ALL EQUIPMENT CLEARANCES, INCLUDING OTHER TRADES. FINALLY, THE CONTRACTOR SHALL PROVIDE AT THE CONTRACTOR'S COST ANY SCOPE INCREASE AND DEDUCTIONS BASED ON THE NON-BASIS OF DESIGN EQUIPMENT FOR THE FOLLOWING MINIMUM ITEMS:

- ELECTRICAL MODIFICATIONS, INCLLUDING WIRING, CONDUIT, DISCONNECTS, OVERCURRENT PROTECTION, PANELS, ETC.
- STRUCTURAL MODIFICATIONS.
- CIVIL MODIFICATIONS.
- PLUMBING MODIFICATIONS.
- DUCT AND PIPE CONNECTIONS OR ARRANGEMENTS.
- SPACE HEATING AND COOLING REQUIREMENTS.
- EXHAUST OR VENTILATION MODIFICATIONS.
- VIBRATION ISOLATION REQUIREMENTS.

SALASOBRIEN
| expect a difference |
2380 Towne Center Boulevard, Suite 1210
Baton Rouge, Louisiana 70806
225.766.8002 | Registration No. 2964
SOBE Project No. 534-2020-00900

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be used, duplicated, used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall verify and be responsible for all dimensions and conditions at job site. Any and all discrepancies shall be reported to the architect before proceeding with work. Quantities noted are approximate and for estimating purposes only. Contractor shall perform own take-offs for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

REVISION SCHEDULE

1.	08/04/2020	ADDENDUM 01
2.	08/12/2020	ADDENDUM 02
3.	08/24/2020	ADDENDUM 03

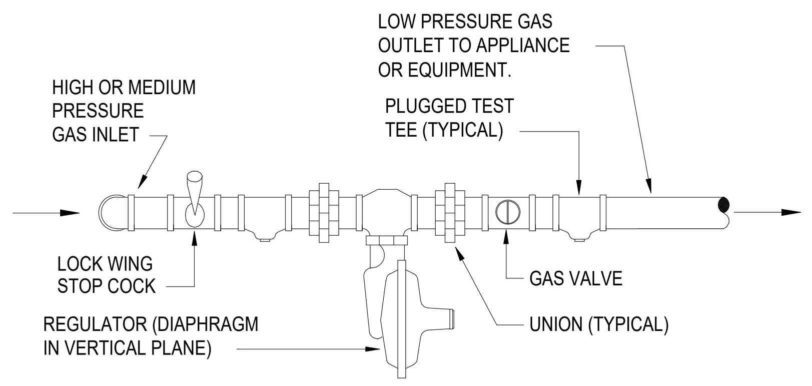
PROJECT NO:	DRAWN BY:
534-00900	SEP

MECHANICAL SCHEDULES

M5.1

PLUMBING PIPING LEGEND

SYMBOLS	DESCRIPTION
—SAN—	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)
– –SAN– –	SANITARY OR WASTE PIPING BELOW GRADE (SAN)
– – –V– – –	VENT PIPING (V)
—CW—	COLD WATER PIPING (CW)
—HW—	HOT WATER PIPING (HW)
—TP—	TRAP PRIMER LINE (TP)
—F—	FIRE PROTECTION PIPING (F)
—AIR—	COMPRESSED AIR PIPING (A)
	FLOW DIRECTIONAL ARROW
	BALL VALVE (BV)
	REDUCER OR INCREASER
	PIPING DOWN
	RISE OR DROP PIPING
	PIPING UP -OR- PIPING UP & DOWN
	CAP ON END OF PIPE
	CLEANOUT (WALL OR CEILING) (CO)
	FLOOR CLEANOUT (FCO)
	EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO)
	TWO-WAY CLEANOUT (PROVIDE 18"x24"x4" CONCRETE PAD OUTSIDE)
	FIRE DEPARTMENT VALVE AT RISER
	FIRE HYDRANT
	FIRE DEPARTMENT CONNECTION
	BRANCH CONNECTION OUT OF TOP
	BRANCH CONNECTION OUT OF BOTTOM
	BRANCH CONNECTION OUT OF SIDE
	WYE & 1/8TH BEND BRANCH CONNECTION
	WYE BRANCH CONNECTION
	HOSE BIBB
	FLOOR SINK (FS)
	FLOOR DRAIN (FD)
	FLOOR DRAIN WITH P-TRAP (FD)
	HUB DRAIN (HD)
(E)	EXISTING
(N)	NEW
VTR	VENT THRU ROOF
B.F.F.	BELOW FINISHED FLOOR
A.F.F.	ABOVE FINISHED FLOOR
	NEW CONNECTION
IE=100.00'	INVERT ELEVATION
1	DELTA CHANGE SYMBOL

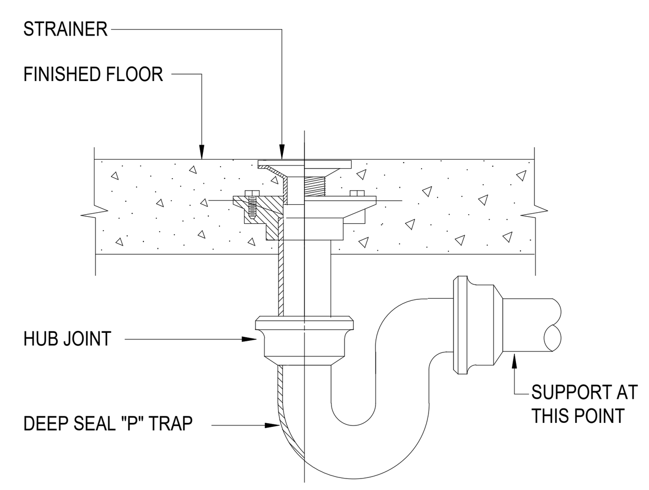


NOTE: PROVIDE A MINIMUM OF LENGTH OF 10-FEET OF PIPE AFTER THE. REGULATOR TO ANY APPLIANCE OR EQUIPMENT. REFERENCE DRAWINGS FOR PIPE SIZES.

4 GAS PRESSURE REGULATOR INSTALLATION

SCALE: NONE

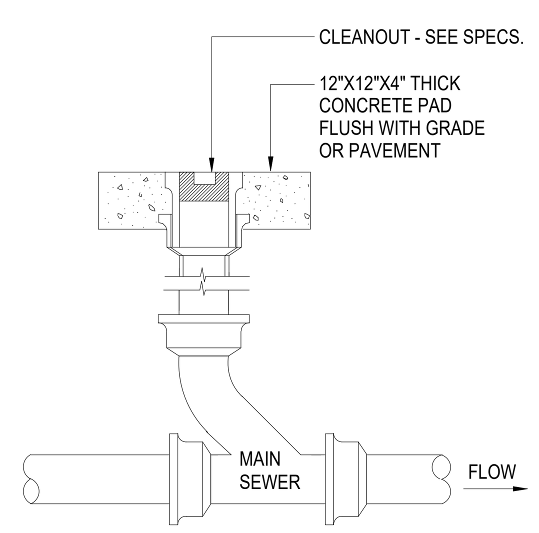
GA02-11/12/08



3 FLOOR DRAIN DETAIL

SCALE: NONE

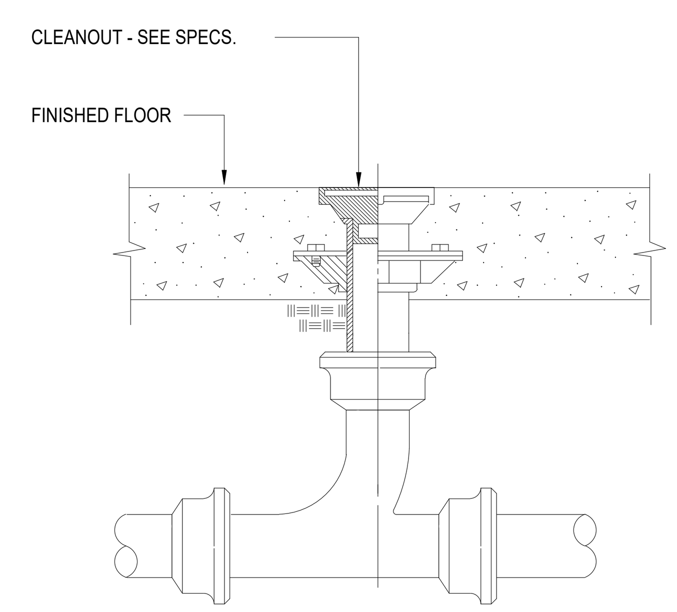
SA06-11/12/08



2 EXTERIOR CLEANOUT

SCALE: NONE

SA03-11/12/08



1 FLOOR CLEANOUT

SCALE: NONE

SA01-11/12/08

ELEC. WATER HEATER SCHEDULE

ITEM NO.	KW INPUT	GALS. PER HR. RECOVERY RATE 100°F RISE	STORAGE CAPACITY	ELECTRICAL REQUIRED	STORED WATER TEMP	MANUFACTURER COMMENT	MOCP*
EWH-1	3KW	12 GALLONS	10 GAL	208V/1PH	140°F	A.O. SMITH DEL-10	20 AMPS

* IF THE MAXIMUM FUSE SIZE OF THE EQUIPMENT PROVIDED EXCEEDS THE SPECIFIED AMOUNT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADDITIONAL COSTS RELATED TO INCREASED FUSE SIZE / WIRE SIZE.

GENERAL NOTES

1. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE AND INSPECTION REGULATI0NS AND ALL OTHER OFFICIALS HAVING JURISDICTION.

2. THIS CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

PLUMBING FIXTURE SCHEDULE

TYPE: WC-1 (A.D.A. COMPLIANT)
DESCRIPTION: WATER CLOSET, FLOOR MOUNTED, 1.6 GALLON PER FLUSH SIPHON JET ACTION, VITREOUS CHINA, ELONGATED BOWL WITH 1-1/2" TOP SPUD INLET. AMERICAN STANDARD "MADERA" 3249.001.
SEAT: ELONGATED OPEN FRONT WHITE PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. CHURCH 9500SSCT.
FLUSH VALVE: 1.6 GALLON FLUSH CYCLE, EXPOSED, CHROME PLATED CLOSET FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD. SLOAN ROYAL 111.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2166LK.
ROUGH-INS: 4" WASTE, 3" VENT, 1" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.

3

TYPE: L-1 (ADA COMPLIANT)
DESCRIPTION: LAVATORY, SELF-RIMMING, FRONT OVERFLOW, WHITE VITREOUS CHINA HOLES ON 4" CENTERS, AMERICAN STANDARD "AQUALYN" 0476.028.
FAUCET: CHROME PLATED, DECK MOUNTED SINK HOLE LAVATORY, TOUCH-FREE OPERATION. LACAVA "ZOOM" EX10-TR. PROVIDE 9V TRANSFORMER.
MIXING VALVE: THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 110 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W. INSTALL PER EVERY TWO FIXTURES.
STRAINER: 1-1/4" 17 GAUGE OFFSET WHEELCHAIR STRAINER, CHROME PLATED BRASS GRID DRAIN WITH ELBOW AND 17 GAUGE OFFSET TAILPIECE. MCGUIRE 155WC.
P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: MS-1
DESCRIPTION: MOP SINK BASIN, 24" X 24" X 12", PRECAST TERRAZZO WITH 6" DROPPED FRONT, STAINLESS STEEL THRESHOLD CAP, AND STAINLESS STEEL GRID STRAINER DRAIN. STERN WILLIAMS SBC-1702-T35-BP.
FAUCET: CHROME PLATED BRASS WALL MOUNTED FITTING WITH ADJUSTABLE SUPPLY ARMS, VACUUM BREAKER SPOUT WITH PAIL HOOK AND WALL BRACE, 2-1/2" INDEXED LEVER HANDLES ON 8" CENTERS. QUARTER TURN CARTRIDGES, 3/4" MALE HOSE THREAD OUTLET. CHICAGO 445-897-CP.
ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER.

TYPE: EDF-1 (A.D.A. COMPLIANT)
DESCRIPTION: WALL HUNG, BARRIER FREE, BI-LEVEL ELECTRIC DRINK FOUNTAIN AND BOTTLE FILLING STATION, ALL STAINLESS STEEL, CHROME-PLATED SHIELDED VANDEL-RESISTANT BUBBLER. 8 GPH OF 50 DEGREE WATER AT 90 DEGREE AMBIENT AND 80 DEGREE INLET WATER. ELK AY LZSTL8WSLK . PROVIDE CANE TOUCH SKIRT TO COMPLY WITH ADA GUIDELINES.
P-TRAP: 1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. MCGUIRE 8872.
SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165.
CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. MIFAB MC-33.
ROUGH-IN: 2" WASTE, 2" VENT, 1/2" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR HEIGHT REQUIREMENTS.

TYPE: FD-1
SERVICE: TOILET ROOMS AND GENERAL USE
DESCRIPTION: FLOOR DRAIN, BOTTOM OUTLET CAST IRON BODY, ADJUSTABLE 6" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, 1/2" TRAP PRIMER CONNECTION. PROVIDE CLAMPING DEVICE FOR DRAINS IN MEMBRANE FLOOR AREAS. MI-FAB F1100-6-3-7.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS/FLOOR CONSTRUCTION.

TYPE: FS-1
SERVICE: SPRINKLER ROOM
DESCRIPTION: CAST IRON 12" SQUARE FLOOR SINK WITH 8" DEEP SUMP, A.R.E. INTERIOR, ALUMINUM DOME BOTTOM STRAINER, STAINLESS STEEL TOP, AND CLAMPING DEVICE. MIFAB FS1730-FLC-3-P.
TRAP SEAL: PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR SINK BY SIZE, MODEL, AND MANUFACTURER.
ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL / KITCHEN CONSULTANT DRAWINGS.

TYPE: TP-1
SERVICE: SERVES 1 FLOOR DRAIN TRAP, REFER TO PLANS.
DESCRIPTION: LAVATORY TAIL PIECE TRAP PRIMING ASSEMBLY, PRECISION PLUMBING PRODUCTS LTP-1500.
ROUGH-IN: 1/2" COLD WATER

TYPE: ECO
DESCRIPTION: EXTERIOR CLEANOUT TO GRADE, CAST IRON BODY WITH THREADED ADJUSTABLE HOUSING, FERRULE WITH TAPERED BRASS PLUG, AND ROUND SCORIATED CAST IRON TRACTOR TYPE COVER WITH SECURITY SCREWS. MI-FAB C-1100.

TYPE: FCO
DESCRIPTION: FLOOR CLEANOUT, CAST IRON BODY WITH SECONDARY O-RING TEST SEAL AND ADJUSTABLE COMBINED ACCESS COVER/PLUG TOP ASSEMBLY WITH PRIMARY GASKET SEAL, AND ROUND SCORIATED NICKEL BRONZE COVER. MIFAB C1100-R-1.

GENERAL NOTES: ALL LAVATORIES SHALL BE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. REFER TO SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS AND FIXTURE SCHEDULE FOR MINIMUM SIZES OF PLUMBING FIXTURE ROUGH-INS.

PROVIDE MOLDED CLOSED CELL ANTI-MICROBIAL VINYL INSULATION KITS AT ALL LAVATORIES REQUIRED TO BE A.D.A. ACCESSIBLE (MCGUIRE OR TRUEBRO). ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (A.D.A.).

REFER TO BOOK SPECIFICATION FOR A LIST OF APPROVED EQUAL MANUFACTURERS THAT CAN BE SUBMITTED IN LIEU OF THE MANUFACTURERS AND MODEL NUMBERS OF THE FIXTURES AND EQUIPMENT LISTED IN THE ABOVE FIXTURE SCHEDULE. REFER TO SPECIFICATION SECTION 01600 FOR PRIOR APPROVAL REQUIREMENTS.

SALASOBRIEN | expect a difference |
2380 Towne Center Boulevard, Suite 1210
Baton Rouge, Louisiana 70806
225.766.8002 | Registration No. 2964
SOBE Project No. 534-2020-00900

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STATE OF LOUISIANA
DAVID BONAVENTURE
License No. 31064
PROFESSIONAL ENGINEER
08/24/2020

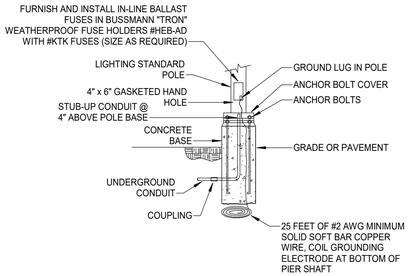
REVISION SCHEDULE

1	08/04/2020	ADDENDUM 01
2	08/12/2020	ADDEDNDUM 02
3	08/24/2020	ADDENDUM 03

PROJECT NO: 534-00900
DRAWN BY: GAW

PLUMBING SCHEDULES

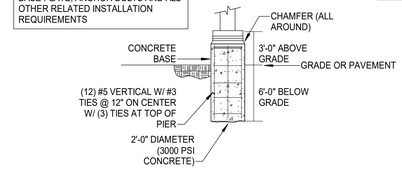
P4.1



2 METAL POLE W/ CONCRETE ANCHOR BASE ELECTRICAL REQUIREMENTS

Scale: NTS

NOTE: SEE LIGHT STANDARD MANUFACTURER'S DRAWINGS FOR BASE PLATE, ANCHOR BOLTS AND ALL OTHER RELATED INSTALLATION REQUIREMENTS



3 METAL POLE W/ CONCRETE ANCHOR BASE STRUCTURAL REQUIREMENTS

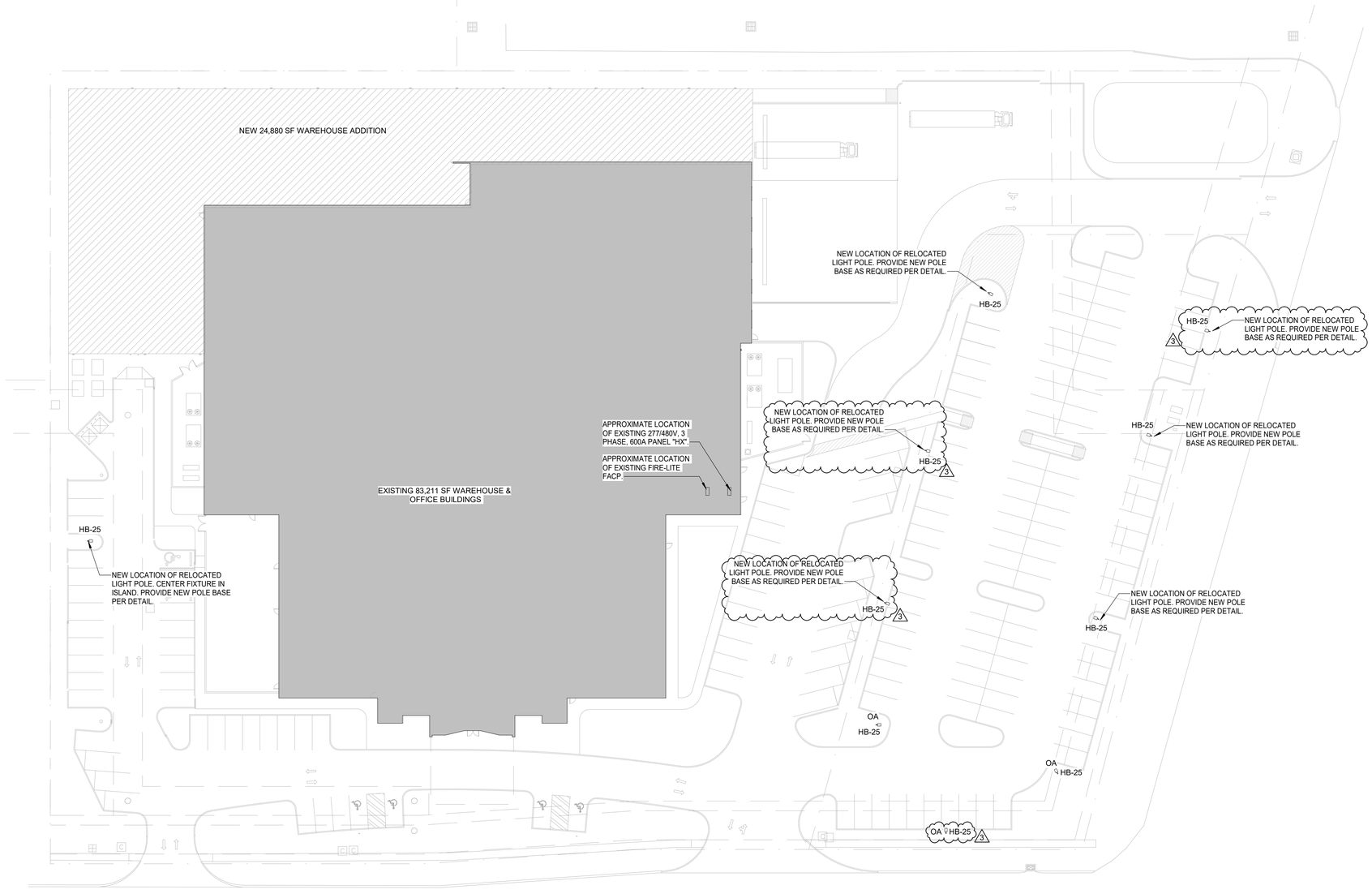
Scale: NTS

SITE LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER & FIXTURE FAMILY	NO. OF FIXTURES PER POLE	FIXTURE CHARACTERISTICS					POLE INFORMATION		REMARKS
			MAX WATTAGE	DRIVE CURRENT	MIN. DELIVERED LUMENS	LIGHT DISTRIBUTION	VOLTAGE	POLE HEIGHT	POLE STYLE	
OA	OPTEC-AREA SERIES	1	230.0 W	1	30000 lm	T3	277 V	30' - 0"	SSS	PARKING LOT POLE LIGHT. 4000K, 230W, TYPE 3 DISTRIBUTION AND SQUARE POLE

SITE LIGHTING FIXTURE SCHEDULE NOTES:

1. UNLESS NOTED OTHERWISE, ALL LIGHT FIXTURES SHALL HAVE A COLOR TEMPERATURE OF 4000K.
2. ARCHITECT SHALL SELECT ALL FINISHES AND COLORS.
3. PROVIDE ALL REQUIRED MOUNTING HARDWARE.
4. UNLESS NOTED OTHERWISE, ALL POLES SHALL BE RATED FOR 110MPH WINDS WITH A 1.3 GUST FACTOR AS REQUIRED TO SUPPORT THE EPA OF THE NUMBER AND TYPE OF FIXTURES SPECIFIED.
5. SITE LIGHTING POLES SHALL BE HOT DIPPED GALVENIZED, WITH PRIME COAT, WITH 8 MIL POLYESTER POWER-COAT PAINT. SEE SPECIFICATIONS FOR ADDITIONAL POLE REQUIREMENTS.
6. LIGHTING FIXTURE MANUFACTURERS OTHER THAN THOSE LISTED IN THE LIGHTING FIXTURE SCHEDULE AND DESIRING TO BID THIS PROJECT SHALL REQUEST PRIOR APPROVAL OF THE FIXTURES THEY WISH TO SUBSTITUTE A MINIMUM OF 10 DAYS PRIOR TO BID. PRIOR APPROVAL REQUEST SHALL INCLUDE FIXTURE CUT SHEETS, PROPERLY MARKED AS TO FIXTURE TO BE SUBSTITUTED IN LIEU OF, ALONG WITH ALL OPTIONS AND ACCESSORIES SPECIFIED OR REQUIRED FOR THAT FIXTURE.
7. APPROVAL WILL BE DETERMINED AFTER REVIEW OF PRIOR APPROVAL DRAWING TO DETERMINE IF THE LIGHTING FIXTURE SUBMITTED MEETS OR EXCEEDS THE DESIGN STANDARDS AND PERFORMANCE REQUIRED OF THE FIXTURE SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE OR SPECIFICATIONS.



1 ELECTRICAL SITE PLAN

Scale: 1" = 30'-0"

GENERAL SITE LIGHTING NOTES:

1. ALL EXISTING SITE LIGHTING FIXTURE TO BE RELOCATED SHALL BE CONNECTED TO NEAREST NEW SITE LIGHTING CIRCUIT AND CONTROLS.

SALASOBRIEN | expect a difference |
2380 Towne Center Boulevard, Suite 1210
Baton Rouge, Louisiana 70806
225.766.8002 | Registration No. 2964

SOBE Project No. 534-2020-00900

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated, used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall verify all dimensions and conditions at job site. Any and all discrepancies shall be reported to architect. Quantities are approximate and for estimating purposes only. Contractor assumes all responsibility for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STATE OF LOUISIANA
JACOB TRUAX
License No. 40338
PROFESSIONAL ENGINEER
08/24/2020

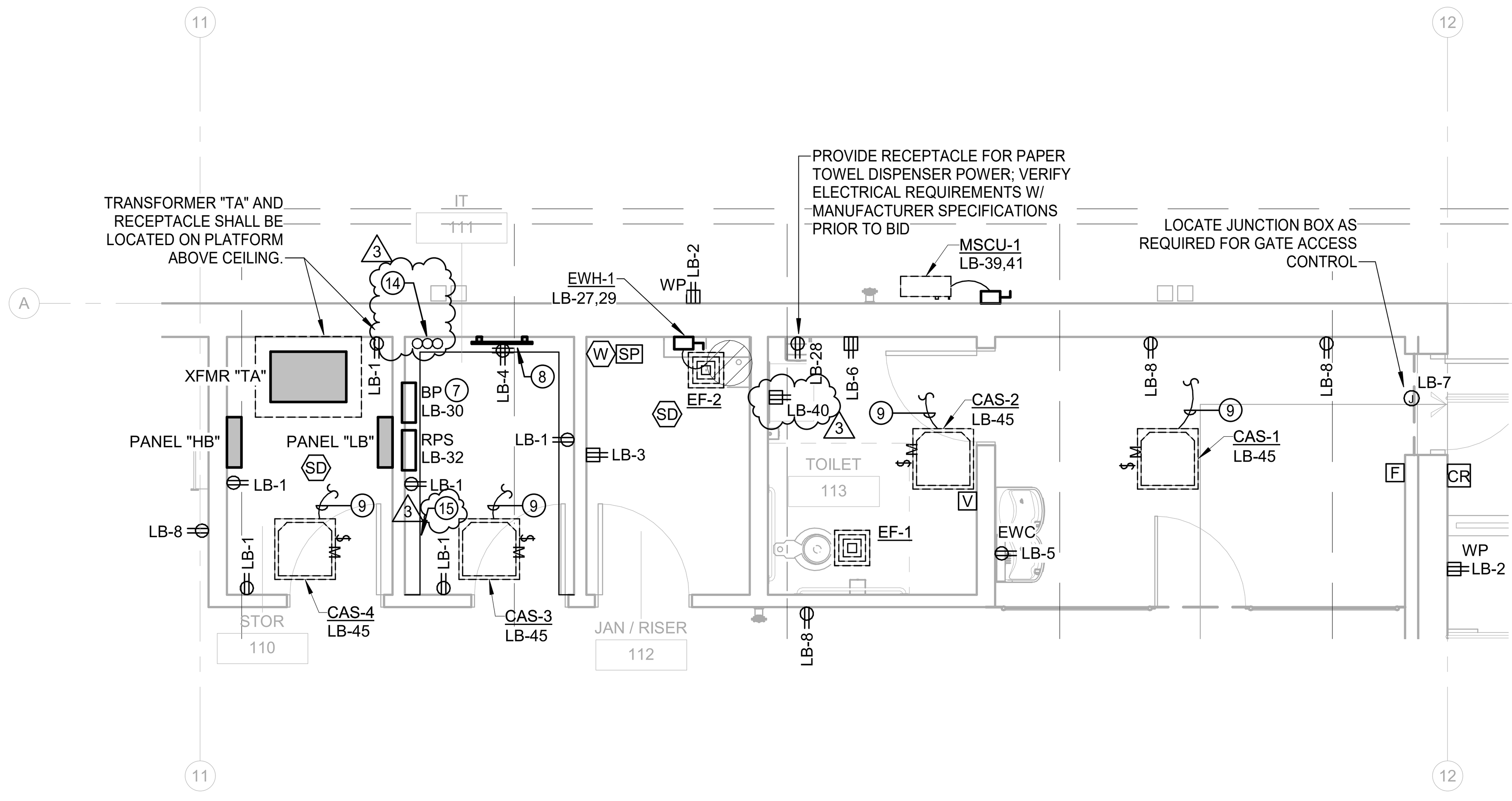
REVISION SCHEDULE

1.	09/04/2020	ADDENDUM 01
2.	09/12/2020	ADDENDUM 02
3.	09/24/2020	ADDENDUM 03

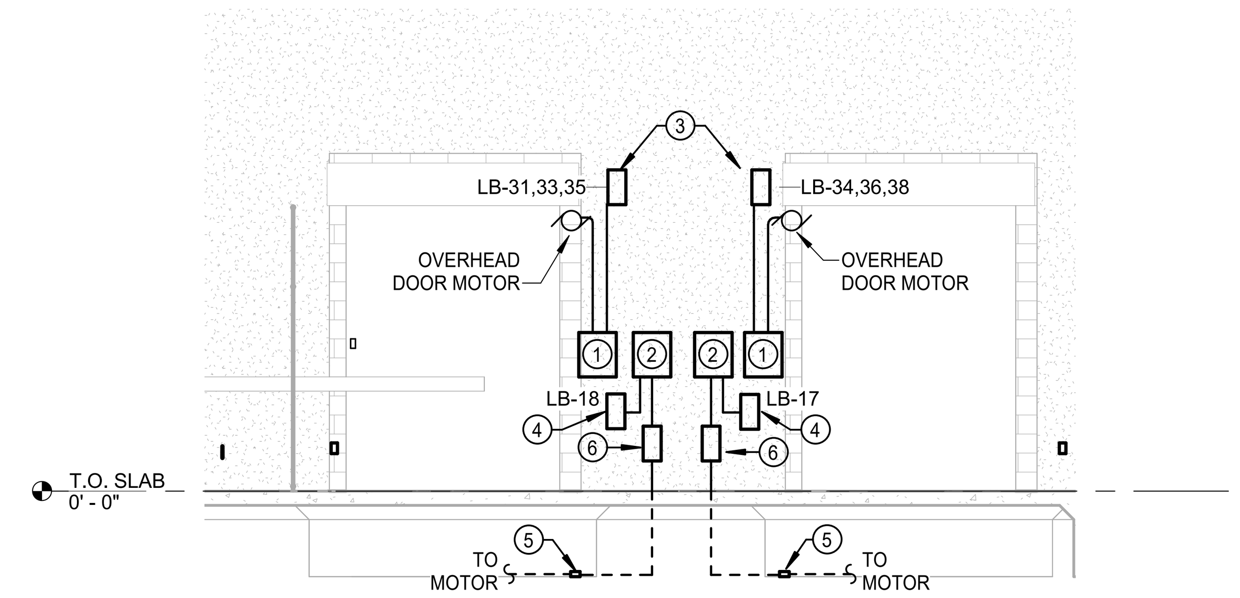
PROJECT NO:	DRAWN BY:
534-00900	CL

ELECTRICAL SITE PLAN

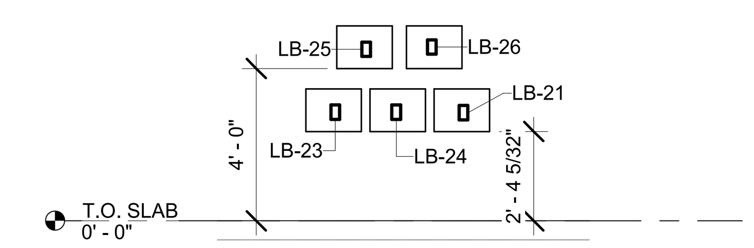
E1.1



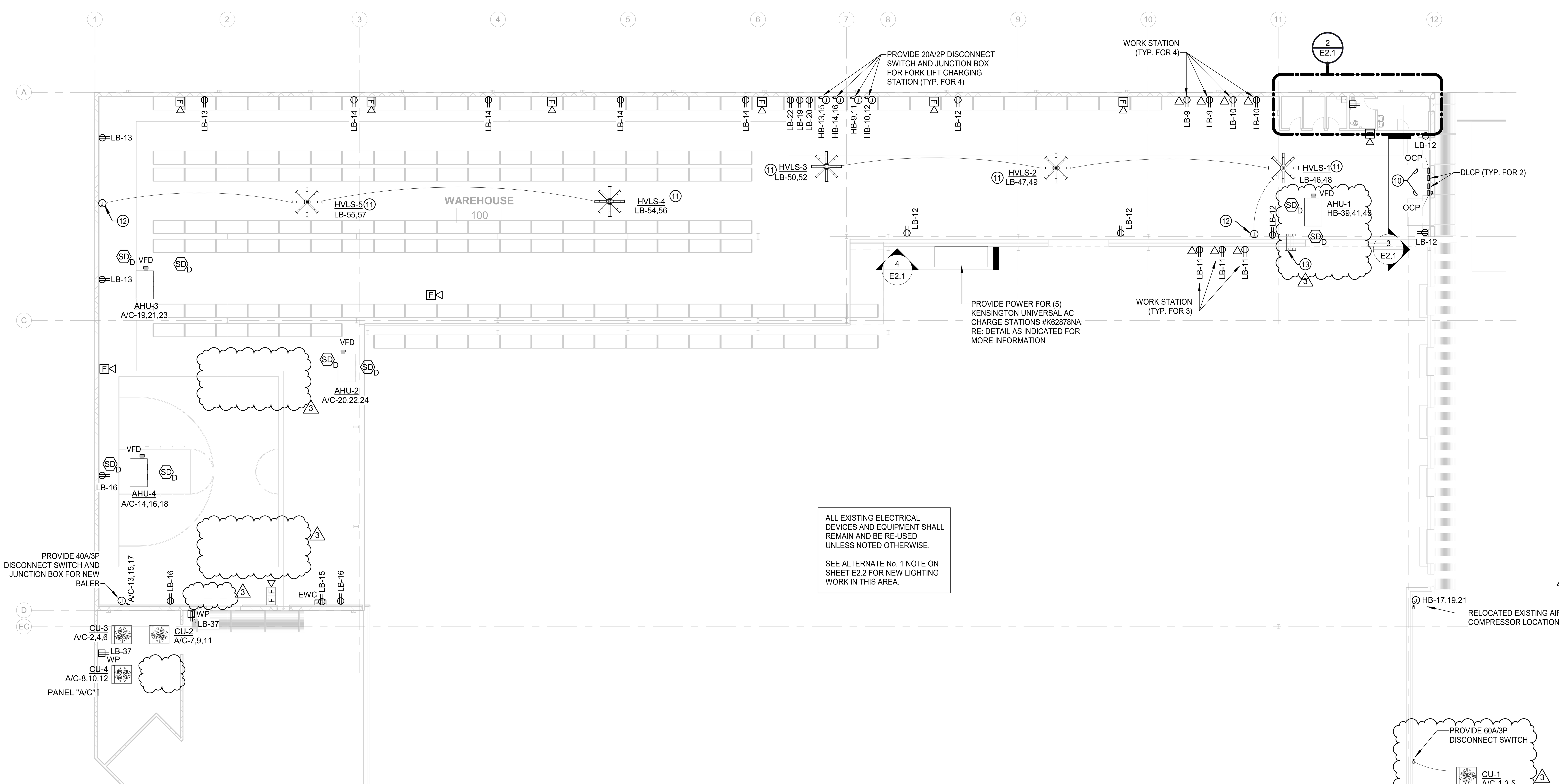
2 ELECTRICAL ENLARGED PLAN @ ADMIN
Scale: 1/4" = 1'-0"



3 DOCK LEVELER AND OVERHEAD DOOR DETAIL
Scale: 3/16" = 1'-0"



4 CHARGE STATION DETAIL
Scale: 1/4" = 1'-0"



ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT SHALL REMAIN AND BE RE-USED UNLESS NOTED OTHERWISE.

SEE ALTERNATE No. 1 NOTE ON SHEET E2.2 FOR NEW LIGHTING WORK IN THIS AREA.

1 ELECTRICAL FLOOR PLAN
Scale: 1/16" = 1'-0"

ELECTRICAL KEYED NOTES

1. OVERHEAD DOOR CONTROL PANEL
2. DOCK LEVELER CONTROL PANEL
3. 30A/3P DISCONNECT SWITCH
4. 40A/1P DISCONNECT SWITCH FOR CONTROL PANEL
5. DOCK LEVELER MOTOR JUNCTION BOX
6. 30A/1P DISCONNECT SWITCH FOR DOCK LEVELER MOTOR
7. ROUTE THE FOLLOWING CONDUIT ABOVE CEILING FROM IT 111 TO EXISTING ELECTRICAL ROOM 133:
   - (1) 2" CONDUIT WITH PULLWIRE FOR FIRE ALARM.
   - (1) 2" CONDUIT WITH CAT6A FOR DATA.

   REFER TO ELECTRICAL GENERAL NOTE No. 20 FOR MORE INFORMATION. CONDUIT TO BE STUBBED OUT AND ROUTED ALONG CEILING INTO EXISTING WAREHOUSE. COORDINATE EXACT ROUTING WITH ARCHITECT PRIOR TO ROUGH-IN.
8. PROVIDE 2' WIDE X 2' HIGH X 3/4" DEPTH PLYWOOD TELEPHONE BACKBOARD. REFER TO 1/E3.0 FOR MORE INFORMATION.
9. PROVIDE 1" CONDUIT WITH (3)#12 AND 1#12 GND. TO MSCU-1 FOR CONTROL.
10. DOCK LEVELER CONTROL PANEL. ROUTE (2) 1/2" CONDUIT TO DOCK LEVELER PIT.
    - (1) CONDUIT FOR DOCK LEVELER MOTOR POWER.
    - (1) CONDUIT AS A SPARE.

    COORDINATE EXACT MOUNTING LOCATION WITH MANUFACTURER SPECIFICATIONS PRIOR TO ROUGH-IN. RE: 3/E2.1 FOR MORE INFORMATION.
11. HVLS PROVIDED WITH PREWIRED VARIABLE FREQUENCY DRIVE.
12. PROVIDE JUNCTION BOX AS REQUIRED FOR WALL MOUNTED KEYPAD FOR HVLS CONTROL. PROVIDE CABLING AS REQUIRED PER MANUFACTURER'S SPECIFICATIONS.
13. PROVIDE (3) 4" SCH. 40 PVC PASS THRU CABLE SLEEVES IN EXISTING CMU WALL FOR CABLE PATHWAY.
14. PROVIDE (3) 4" SCH. 40 PVC PASS THRU CABLE SLEEVES IN PLYWOOD PLATFORM FOR CABLE PATHWAY.
15. PROVIDE 6" CABLE TRAY ALONG THE WALL PERIMETER AS REQUIRED.

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STATE OF LOUISIANA
JACOB TRUXAX
License No. 40358
PROFESSIONAL ENGINEER
08/24/2020

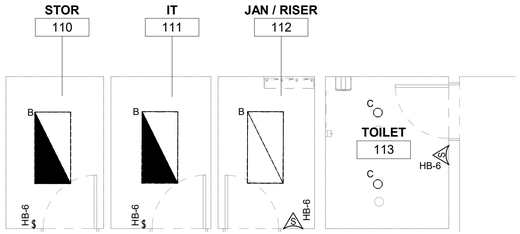
REVISION SCHEDULE
1 08/04/2020 ADDENDUM 01
2 08/12/2020 ADDENDUM 02
3 08/24/2020 ADDENDUM 03

PROJECT NO:	DRAWN BY:
534-00900	CL

ELECTRICAL FLOOR PLAN

E2.1

SALAS O'BRIEN
| expect a difference |
2380 Towne Center Boulevard, Suite 1210
Baton Rouge, Louisiana 70806
225.766.8002 | Registration No. 2964
SOBE Project No. 534-2020-00900



2 ELECTRICAL LIGHTING ENLARGED PLAN

Scale: 1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER & FIXTURE FAMILY	MOUNTING	NOMINAL WATTAGE	VOLTAGE	NOMINAL DELIVERED LUMENS	REMARKS
A	METALUX-LHB-36-L840	PENDANT	180.0 W	277 V	36000 lm	2'x4' LED HIGH BAY. PENDANT MOUNT 2' BELOW STRUCTURE
B	METALUX-24FP4740C	RECESSED GRID	50.0 W	277 V	4000 lm	2X4 LED FLAT PANEL
C	HALO-PD615	RECESSED	21.0 W	277 V	1500 lm	LED DOWNLIGHT
H	LUMARK - LDWP	WALL	50.0 W	277 V	5828 lm	LED WALL PACK. PROVIDE WITH EMERGENCY BATTERY BACKUP AS REQUIRED.
X	SURE-LITES EUR	WALL/CEILING	1.0 W	120 V		EXIT SIGN WITH RED LETTERS. PROVIDE WITH NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED. PROVIDE WITH INTEGRAL BATTERY BACKUP.

LIGHTING FIXTURE SCHEDULE NOTES:

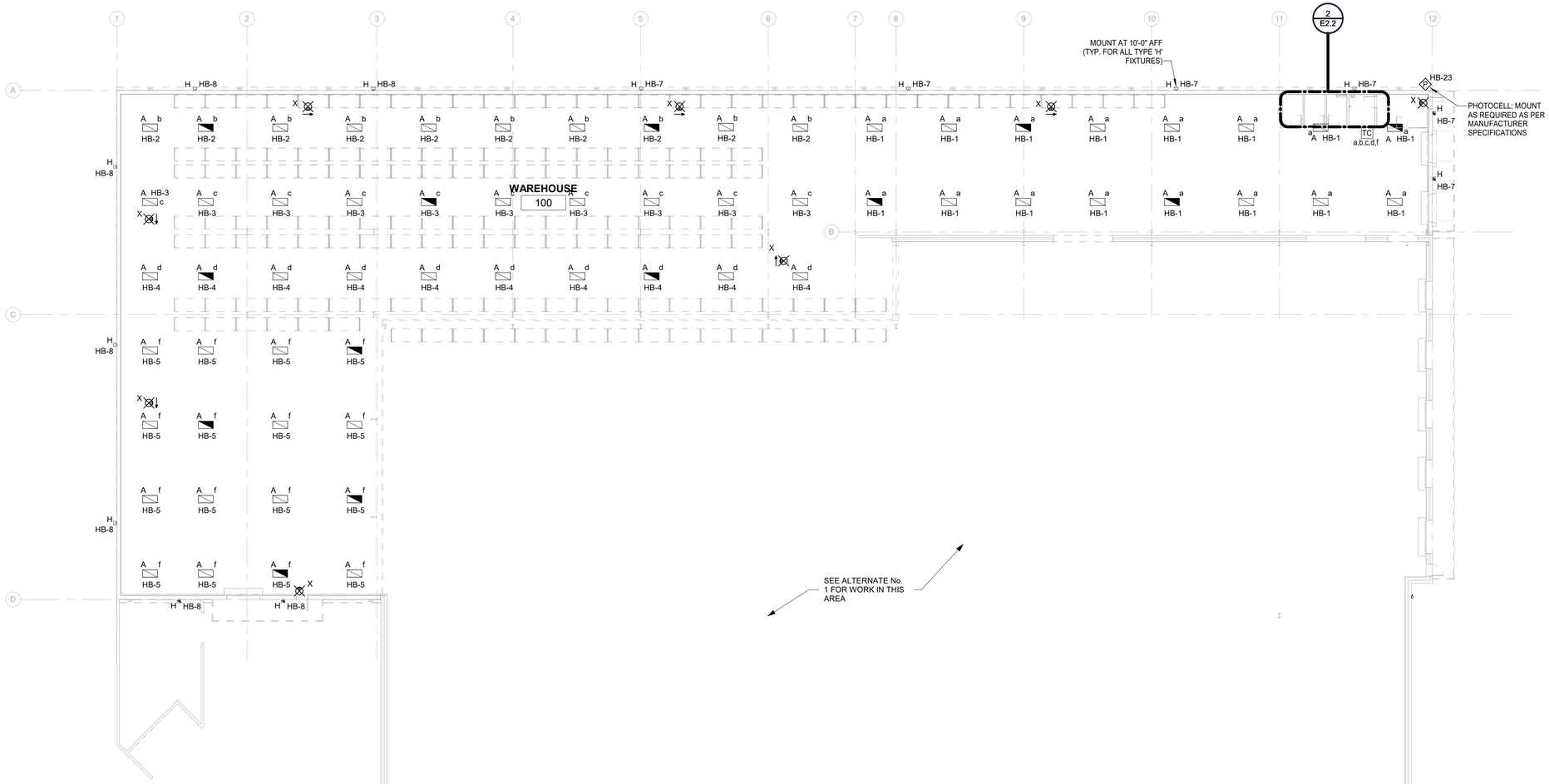
1. FIXTURES SHOWN ON THE FLOORPLAN HAVING A DESIGNATION OF "E" FOLLOWING THE BASE DESIGNATION (I.E. - A FIXTURE TYPE "AE, C2E, FE") AND/OR A HALF SHADED REGION SHALL BE THE BASE FIXTURE TYPE EQUIPPED WITH THE APPROPRIATE BATTERY BACK-UP. BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE AND REMOTE SHALL BE SELECTED ONLY IN INSTANCES WHERE IT IS SPECIFIED OR WHEN IT IS THE ONLY AVAILABLE EMERGENCY OPTION. THE LOCATION OF REMOTE BATTERY BACKUPS SHALL BE SELECTED BY THE OWNER/ARCHITECT PRIOR TO INSTALLATION BY THE CONTRACTOR.
2. ALL REQUIRED TEST SWITCHES FOR THE BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE.
3. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT INDICATED IN THE LIGHTING FIXTURE SCHEDULE. WHERE THERE IS AN INCONSISTENCY BETWEEN THE LIGHTING FIXTURE SCHEDULE AND THE SPECIFICATIONS, THE GREATER QUANTITY OR HIGHER QUALITY OF WORK SHALL BE INCLUDED IN THE PROPOSAL.
4. UNLESS OTHERWISE INDICATED ON THE SCHEDULE ABOVE, THE ARCHITECT/OWNER SHALL SELECT ALL FINISHES, COLORS, AND TRIMS.
5. ALL LED FIXTURE BOARDS AND DRIVERS SHALL BE OF THE LATEST GENERATION, BASED UPON THE INDIVIDUAL MANUFACTURER'S STATED LITERATURE. IF A "GEN 5" IS AVAILABLE, "GEN 4" FIXTURES ARE NOT ACCEPTABLE.
6. EXIT SIGNS AND EMERGENCY BATTERY BACK-UPS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT AHEAD OF ALL SWITCHING AS REQUIRED TO MAINTAIN THE BATTERIES AT FULL CHARGE. THE CONTRACTOR SHALL PROVIDE ALL ADDITIONAL WIRING AS REQUIRED.
7. LIGHTING FIXTURE MANUFACTURERS OTHER THAN THOSE LISTED IN THE LIGHTING FIXTURE SCHEDULE AND DESIRING TO BID THIS PROJECT SHALL REQUEST PRIOR APPROVAL OF THE FIXTURES THEY WISH TO SUBSTITUTE. PRIOR APPROVAL REQUEST SHALL INCLUDE FIXTURE CUT SHEETS.
8. FOR PRIOR APPROVALS AND SUBMITTALS THAT DEVIATE FROM NOMINAL WATTAGE AND/OR DELIVERED LUMENS, IT SHALL BE UP THE ENGINEER'S SOLE DISCRETION TO APPROVE OR DECLINE THESE FIXTURES BASED ON ANY AND ALL FACTORS INCLUDING BUT NOT LIMITED TO INTENDED LIGHTING LEVELS FOR EACH SPACE AND IMPACT ON THE OVERALL ELECTRICAL POWER SYSTEM.
9. ALL LIGHTING SPECIFIED SHALL BE 4000K INTERIOR & 4000K EXTERIOR UNLESS NOTED OTHERWISE.
10. THE CONTRACTOR SHALL PROVIDE ALL HARDWARE AND ACCESSORIES AS REQUIRED TO INSTALL FIXTURES IN LOCATIONS AS ILLUSTRATED WITH MOUNTING METHODS DESIRED.
11. WHEN A UNIVERSAL (120-277V) VOLTAGE OPTION IS AVAILABLE, IT SHALL BE PROVIDED. OTHERWISE PROVIDE AS INDICATED IN SCHEDULE.
12. FOR ALL SUSPENDED FIXTURES, COORDINATE THE EXACT MOUNTING ELEVATION ABOVE FINISHED FLOOR WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE SUSPENSION HARDWARE IN LENGTHS AS REQUIRED.

LIGHTING CONTROL SCHEDULE

ROOM NAME	ROOM NUMBER	CONTROL SCHEME
WAREHOUSE	100	B.
STOR	110	C.
IT	111	C.
JAN / RISER	112	A.
TOILET	113	A.

LIGHTING CONTROL SCHEMES LEGEND:

A. PROVIDE LINE-VOLTAGE, WALL MOUNTED OCCUPANCY SENSOR WITH ON/OFF OVERRIDE CAPABILITY
B. SPACE SHALL BE TIED INTO TIMECLOCK LOCATED AT EXISTING SWITCH BANK. COORDINATE WITH ARCHITECT/OWNER TO DEVELOP SCHEDULING.
C. PROVIDE MANUAL ON/OFF TOGGLE SWITCH



1 ELECTRICAL LIGHTING PLAN

Scale: 1/16" = 1'-0"

ALTERNATE No. 1

EXISTING WAREHOUSE:

1. PROVIDE NEW TYPE 'A' LIGHT FIXTURES (TOTAL OF 133). PROVIDE SUSPENSION HARDWARE AS REQUIRED. THE CONTRACTOR SHALL FIELD VERIFY EXACT QUANTITY PRIOR TO BID.
2. PROVIDE (2) NEW LIGHT FIXTURES, LITHONIA #CLX L48 3000LM SEF FDL 277 GZ10 40K 80CRI (OR APPROVED EQUIVALENT), MOUNTED AT 10'-0" AFF LOCATED IN EXISTING OFFICE AREA. PROVIDE SUSPENSION HARDWARE AS REQUIRED. THE CONTRACTOR SHALL COORDINATE EXACT MOUNTING LOCATION AND HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL MATCH MOUNTING HEIGHT AND LOCATION WITH EXISTING CONDITIONS.
4. NEW LIGHT FIXTURES SHALL BE CONNECTED TO NEAREST EXISTING LIGHTING CIRCUIT. SPLICE AND EXTEND EXISTING CIRCUIT AS REQUIRED.

SALASOBRIEN
expect a difference
2380 Towne Center Boulevard, Suite 1210
Baton Rouge, Louisiana 70806
225.766.8002 | Registration No. 2964
SOBE Project No. 534-2020-00900

RITTER MAHER ARCHITECTS
p 225.383.4321
rittermaher.com
2987 Government Street
Baton Rouge, LA 70806

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be used, duplicated used or disclosed without written consent of the architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall verify and be responsible for all dimensions and conditions at job site. Any and all discrepancies shall be reported to the architect. Quantities shown are approximate and for estimating purposes only. Contractor assumes all responsibility for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

REVISION SCHEDULE

1	08/06/2020	ADDENDUM 01
2	08/12/2020	ADDENDUM 02
3	08/24/2020	ADDENDUM 03

PROJECT NO.	DRAWN BY:
534-00900	CL

ELECTRICAL LIGHTING PLAN

E2.2

Branch Panel: HB

Location: STOR 110 **Volts:** 277/480 Wye **A.I.C. Rating:** 18,000
Supply From: **Phases:** 3 **Enclosure:** ~~NEMA 1~~
Mounting: SURFACE **Wires:** 4 **Mains:** 200A MLO

Phase in kVA

NOTE	CKT	CIRCUIT DESCRIPTION	WIRE	GND	CONDUIT	BKR		A	B	C	BKR		CONDUIT	GND	WIRE	CIRCUIT DESCRIPTION	CKT	NOTE
TC	1	WAREHOUSE LTG	(2)#10	#10	3/4"	20	1	2.9 / 1.8			1	20	3/4"	#10	(2)#10	WAREHOUSE LTG	2	TC
TC	3	WAREHOUSE LTG	(2)#10	#10	3/4"	20	1		1.8 / 1.8		1	20	3/4"	#10	(2)#10	WAREHOUSE LTG	4	TC
TC	5	WAREHOUSE LTG	(2)#10	#10	3/4"	20	1			2.9 / 0.2	1	20	1/2"	#12	(2)#12	OFFICE LTG	6	TC
P	7	EXTERIOR LTG	(2)#10	#10	3/4"	20	1	0.3 / 0.4			1	20	3/4"	#10	(2)#10	EXTERIOR LTG	8	P
	9	BATTERY CHARGER	(3)#12	#12	1/2"	20	2		3.2 / 3.2		2	20	1/2"	#12	(3)#12	BATTERY CHARGER	10	
	11									3.2 / 3.2							12	
	13	BATTERY CHARGER	(3)#12	#12	1/2"	20	2	3.2 / 3.2			2	20	1/2"	#12	(3)#12	BATTERY CHARGER	14	
	15								3.2 / 3.2								16	
	17									6.3 / 0.0	1	20	--	--	--	SPARE	18	--
	19	RELOCATED AIR COMPRESSOR	(4)#10	#10	1"	20	3	6.3 / 0.0			1	20	--	--	--	SPARE	20	--
	21								6.3 / 0.0		1	20	--	--	--	SPARE	22	--
	23	PHOTOCELL	(2)#12	#12	1/2"	20	1			0.0 / 18.5	3	125	1-L	1-L	1-L	XFMR "TA"	24	
	25	SITE LTG	(2)#10	#10	3/4"	20	1	2.3 / 17.3									26	
--	27	SPARE	--	--	--	20	1		0.0 / 22.9								28	
--	29	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	30	--
--	31	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	32	--
--	33	SPARE	--	--	--	20	1		0.0 / 0.0		1	20	--	--	--	SPARE	34	--
--	35	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	36	--
--	37	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	38	--
	39								1.8 / 0.0		1	20	--	--	--	SPARE	40	--
	41	AHU-1	(4)#12	#12	1/2"	15	3			1.8 / 0.0	1	20	--	--	--	SPARE	42	--
	43							1.8 / 0.0			1	20	--	--	--	SPARE	44	--
--	45	SPARE	--	--	--	20	1		0.0 / 0.0		1	20	--	--	--	SPARE	46	--
--	47	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	48	--
--	49	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	50	--
--	51	SPARE	--	--	--	20	1		0.0 / 0.0		1	20	--	--	--	SPARE	52	--
--	53	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	54	--
--	55	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	56	--
--	57	SPARE	--	--	--	20	1		0.0 / 0.0		1	20	--	--	--	SPARE	58	--
--	59	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	60	--
						Total Load:		39.2 kVA	47.5 kVA	36.1 kVA								
						Total Amps:		143 A	173 A	130 A								

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	9.4 kVA	100.00%	9.4 kVA		
Lighting	14.2 kVA	125.00%	17.8 kVA	**Total Conn. Load:**	122.7 kVA
Miscellaneous	72.7 kVA	100.00%	72.7 kVA	**Total Est. Demand:**	121.8 kVA
Motor	3.8 kVA	100.00%	3.8 kVA	**Total Conn. Current:**	148 A
Other	0.2 kVA	100.00%	0.2 kVA	**Total Est. Demand Current:**	147 A
Power	4.4 kVA	100.00%	4.4 kVA		
Receptacles	18.6 kVA	76.90%	14.3 kVA		

Notes:

Abbrevations:
TC - CIRCUIT TO BE ROUTED THRU TIMECLOCK
P - CIRCUIT TO BE CONTROLLED VIA PHOTOCELL
1-L - REFER TO ELECTRICAL RISER DIAGRAM

Branch Panel: LB

Location: STOR 110 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Supply From: XFMR "TA" **Phases:** 3 **Enclosure:** NEMA 1
Mounting: SURFACE **Wires:** 4 **Mains:** 225A MCB

Phase in kVA

NOTE	CKT	CIRCUIT DESCRIPTION	WIRE	GND	CONDUIT	BKR		A	B	C	BKR		CONDUIT	GND	WIRE	CIRCUIT DESCRIPTION	CKT	NOTE
	1	RM 111/110 REC	(2)#12	#12	1/2"	20	1	1.1 / 0.4			1	20	1/2"	#12	(2)#12	EXTERIOR REC	2	
	3	JAN / RISER 112 REC	(2)#12	#12	1/2"	20	1		0.2 / 0.4		1	20	1/2"	#12	(2)#12	TTB	4	
G	5	ELECTRIC WATER COOLER	(2)#12	#12	1/2"	20	1			1.0 / 0.2	1	20	1/2"	#12	(2)#12	TOILET 113 REC	6	
	7	GATE CONTROL	(2)#12	#12	1/2"	20	1	0.5 / 0.7			1	20	1/2"	#12	(2)#12	GENERAL REC	8	
	9	WORKSTATION REC	(2)#12	#12	1/2"	20	1		0.5 / 0.5		1	20	1/2"	#12	(2)#12	WORKSTATION REC	10	
	11	WORKSTATION REC	(2)#12	#12	3/4"	20	1			0.8 / 1.1	1	20	3/4"	#10	(2)#10	WAREHOUSE GEN REC	12	
	13	WAREHOUSE GEN REC	(2)#10	#10	3/4"	20	1	0.5 / 0.7			1	20	3/4"	#10	(2)#10	WAREHOUSE GEN REC	14	
G	15	WAREHOUSE EWC	(2)#12	#12	1/2"	20	1		1.0 / 0.5		1	20	3/4"	#10	(2)#10	WAREHOUSE GEN REC	16	
	17	DOCK LEVELER	(2)#10	#10	3/4"	40	1			2.3 / 2.3	1	40	3/4"	#10	(2)#8	DOCK LEVELER	18	
	19	EQUIPMENT CHARGING	(2)#12	#12	1/2"	20	1	0.2 / 0.2			1	20	1/2"	#12	(2)#12	EQUIPMENT CHARGING	20	
	21	CHARING STATION	(3)#12	#12	1/2"	20	1		1.8 / 0.2		1	20	1/2"	#12	(2)#12	EQUIPMENT CHARGING	22	
	23	CHARING STATION	(3)#12	#12	1/2"	20	1			1.8 / 1.8	1	20	1/2"	#12	(3)#12	CHARING STATION	24	
	25	CHARING STATION	(3)#12	#12	1/2"	20	1	1.8 / 1.8			1	20	1/2"	#12	(3)#12	CHARING STATION	26	
	27	EWH-1	(3)#12	#12	1/2"	20	2		1.5 / 0.2		1	20	1/2"	#12	(2)#12	PAPER TOWEL DISPENSER	28	G
	29									1.5 / 0.4	1	20	1/2"	#12	(2)#12	FACP	30	
	31							0.7 / 0.4			1	20	1/2"	#12	(2)#12	RPS	32	
	33	OVERHEAD DOOR	(3)#12	#12	1/2"	20	3		0.7 / 0.7								34	
	35									0.7 / 0.7	3	20	1/2"	#12	(3)#12	OVERHEAD DOOR	36	
	37	EXTERIOR REC	(2)#10	#10	3/4"	20	1	0.4 / 0.7									~~38~~	
	39	MSCU-1	(3)#10	#10	3/4"	25	2		2.0 / 0.2		1	20	1/2"	#12	(2)#12	ELECTRIC FAUCET	40	
	41									2.0 / 0.0	~~1~~	~~20~~	~~--~~	~~--~~	~~--~~	~~SPARE~~	~~42~~	~~--~~
--	43	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	44	--
	45	CAS-1/CAS-2/CAS-3/CAS-4	(2)#12	#12	1/2"	15	1		0.6 / 2.1		2	30	1/2"	#10	(3)#10	HVLS-1	46	
	47	HVLS-2	(3)#10	#10	1/2"	30	2			2.1 / 2.1							48	
	49							2.1 / 2.1			2	30	1/2"	#10	(3)#10	HVLS-3	50	
--	51	SPARE	--	--	--	20	1		0.0 / 2.1								52	
--	53	SPARE	--	--	--	20	1			0.0 / 2.1	2	30	1"	#8	(3)#8	HVLS-4	54	
	55	HVLS-5	(3)#8	#8	1"	30	2	2.1 / 2.1									~~56~~	
	~~57~~								2.1 / 0.0		1	20	--	--	--	SPARE	58	--
--	59	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	60	--
--	61	SPARE	--	--	--	20	1	0.0 / 0.0			~~1~~	~~20~~	~~--~~	~~--~~	~~--~~	~~SPARE~~	~~62~~	~~--~~
~~--~~	~~63~~	~~SPARE~~	~~--~~	~~--~~	~~--~~	~~20~~	~~1~~		0.0 / 0.0		1	20	--	--	--	SPARE	64	--
--	65	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	66	--
--	67	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	68	--
--	69	SPARE	--	--	--	20	1		0.0 / 0.0		1	20	--	--	--	SPARE	70	--
--	71	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	72	--
						Total Load:		18.5 kVA	17.3 kVA	22.9 kVA								
						Total Amps:		156 A	144 A	193 A								

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	4.0 kVA	100.00%	4.0 kVA		
Miscellaneous	27.7 kVA	100.00%	27.7 kVA	**Total Conn. Load:**	58.8 kVA
Motor	3.8 kVA	100.00%	3.8 kVA	**Total Est. Demand:**	54.5 kVA
Other	0.2 kVA	100.00%	0.2 kVA	**Total Conn. Current:**	163 A
Power	4.4 kVA	100.00%	4.4 kVA	**Total Est. Demand Current:**	151 A
Receptacles	18.6 kVA	76.90%	14.3 kVA		

Notes:

Abbrevations:
G - PROVIDE GFCI CIRCUIT BREAKER

Branch Panel: A/C

Location: **Volts:** 277/480 Wye **A.I.C. Rating:** 18,000
Supply From: **Phases:** 3 **Enclosure:** NEMA 3R
Mounting: SURFACE **Wires:** 4 **Mains:** 200A

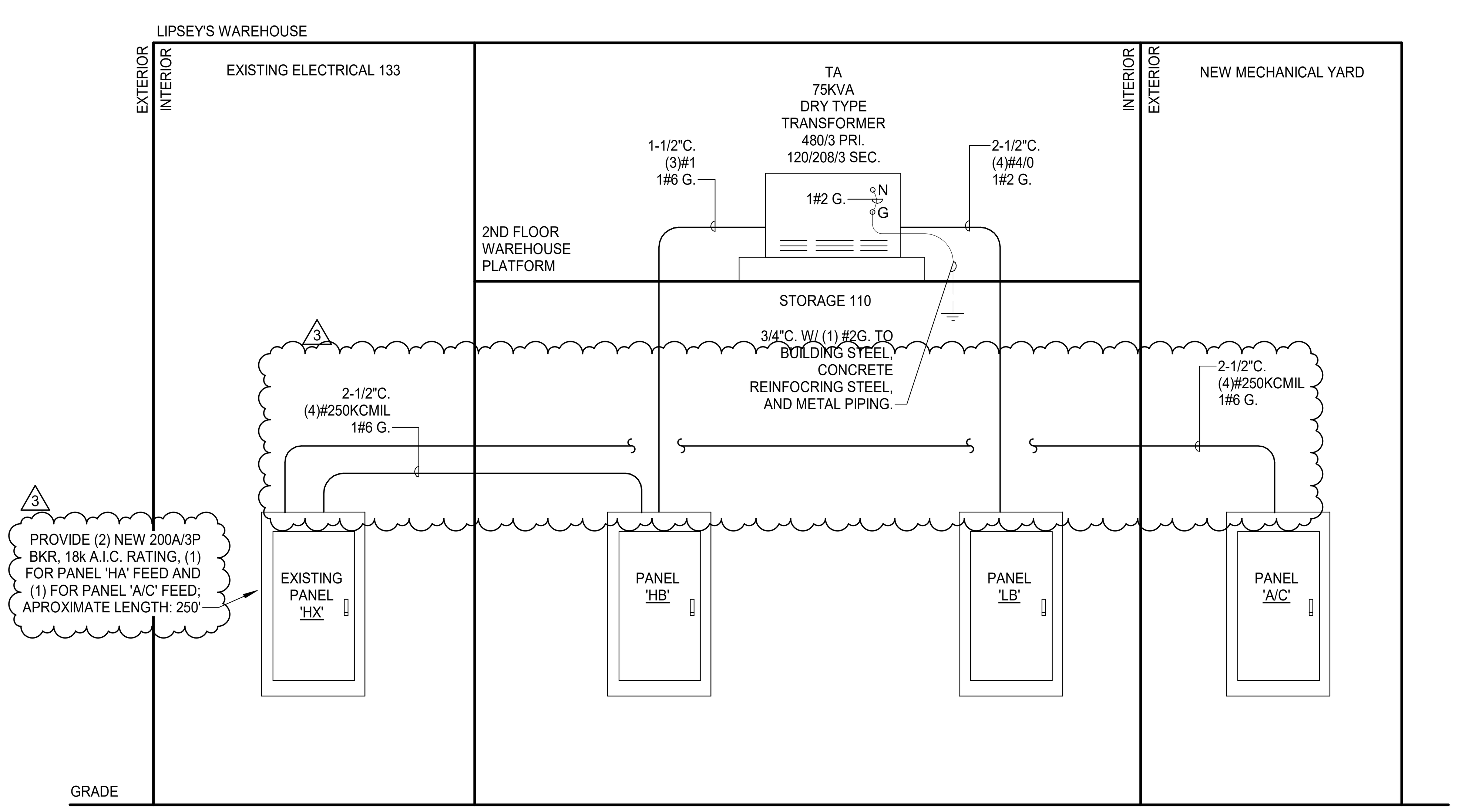
Phase in kVA

NOTE	CKT	CIRCUIT DESCRIPTION	WIRE	GND	CONDUIT	BKR		A	B	C	BKR		CONDUIT	GND	WIRE	CIRCUIT DESCRIPTION	CKT	NOTE
	1							9.8 / 9.8									2	
	3	CU-1	(4)#6	#10	1"	60	3		9.8 / 9.8		3	60	1"	#10	(4)#6	CU-3	4	
	5									9.8 / 9.8							6	
	7							9.8 / 9.8									8	
	9	CU-2	(4)#6	#10	1"	60	3		9.8 / 9.8		3	60	1"	#10	(4)#6	CU-4	10	
	11									9.8 / 9.8							12	
	13							5.8 / 1.8									14	
	15	BALER	(4)#8	#10	3/4"	40	3		5.8 / 1.8		3	15	1/2"	#12	(4)#12	AHU-4	16	
	17									5.8 / 1.8							18	
	19							1.8 / 1.8									20	
	21	AHU-3	(4)#12	#12	1/2"	15	3		1.8 / 1.8		3	15	1/2"	#12	(4)#12	AHU-2	22	
	23									1.8 / 1.8							24	
--	25	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	26	--
--	27	SPARE	--	--	--	20	1		0.0 / 0.0		1	20	--	--	--	SPARE	28	--
--	29	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	30	--
--	31	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	32	--
--	33	SPARE	--	--	--	20	1		0.0 / 0.0		1	20	--	--	--	SPARE	34	--
--	35	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	36	--
--	37	SPARE	--	--	--	20	1	0.0 / 0.0			1	20	--	--	--	SPARE	38	--
--	39	SPARE	--	--	--	20	1		0.0 / 0.0		1	20	--	--	--	SPARE	40	--
--	41	SPARE	--	--	--	20	1			0.0 / 0.0	1	20	--	--	--	SPARE	42	--
						Total Load:		50.2 kVA	50.2 kVA	50.2 kVA								
						Total Amps:		181 A	181 A	181 A								

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	133.2 kVA	100.00%	133.2 kVA		
Motor	17.5 kVA	100.00%	17.5 kVA	**Total Conn. Load:**	150.6 kVA
				Total Est. Demand:	150.6 kVA
				Total Conn. Current:	181 A
				Total Est. Demand Current:	181 A

Notes:

Abbrevations:



1 **ELECTRICAL RISER DIAGRAM**
Scale: NTS

RITTER MAHER ARCHITECTS
2987 Government Street
Baton Rouge, LA 70806
p 225.383.4321
rittermaher.com

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated used or disclosed without written consent of architect. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the architect. Contractor shall check and verify all dimensions and conditions at job site. Any and all quantities which are included within this material are approximate and for estimating purposes only. Contractor shall be responsible for verifying actual quantities when constructing project.

LIPSEY'S WAREHOUSE ADDITION
7277 EXCHEQUER DR, BATON ROUGE, LA 70809

STATE OF LOUISIANA
JACOB TRUAX
License No. 40358
PROFESSIONAL ENGINEER
08/24/2020

REVISION SCHEDULE

1	08/04/2020	ADDENDUM 01
2	08/12/2020	ADDEDNDUM 02
3	08/24/2020	ADDENDUM 03

PROJECT NO: 534-00900
DRAWN BY: CL

ELECTRICAL ONE LINE DIAGRAM

E3.0

SALASOBRIEN | expect a difference |
2380 Towne Center Boulevard, Suite 1210
Baton Rouge, Louisiana 70806
225.766.8002 | Registration No. 2964
SOBE Project No. 534-2020-00900