

June 8, 2017

Garvin Design Group
1209 Lincoln St.
Columbia, SC 29201

ADDENDUM NO. 1

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided, or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

General

1. Bid Drawings originally posted contained five (5) sheets, but were inadvertently missing three (3) required sheets - S1.1, E1.0, E2.0. These three (3) sheets (S1.1, E1.0, E2.0) are included as part of this Addendum. Note that there are eight (8) sheets in the complete Bid Drawing set. The "Index to Drawings" on Sheet T1.1 and in the Specifications correctly list the required eight (8) sheets of Bid Drawings.

END OF ADDENDUM NO. 1

Attachments:

Bid Drawing Sheets S1.1, E1.0, E2.0.

NO.	REVISIONS	NAME	DATE

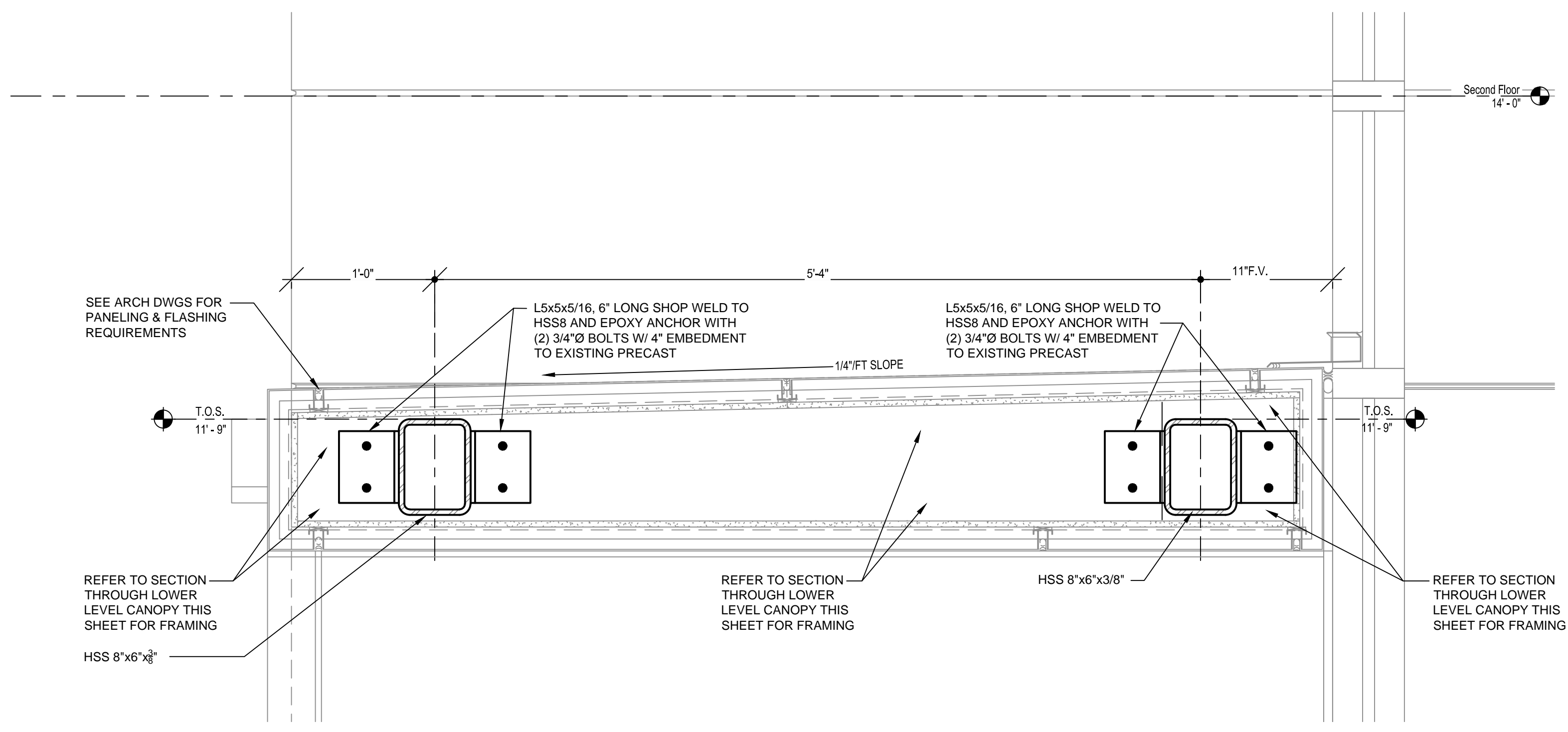
DRAWN BY: [REDACTED]
 CHECKED BY: [REDACTED]
 DATE: [REDACTED]

DRAWING TITLE
**LOWER LEVEL CANOPY -
 FRAMING PLAN, DETAILS,
 and NOTES**

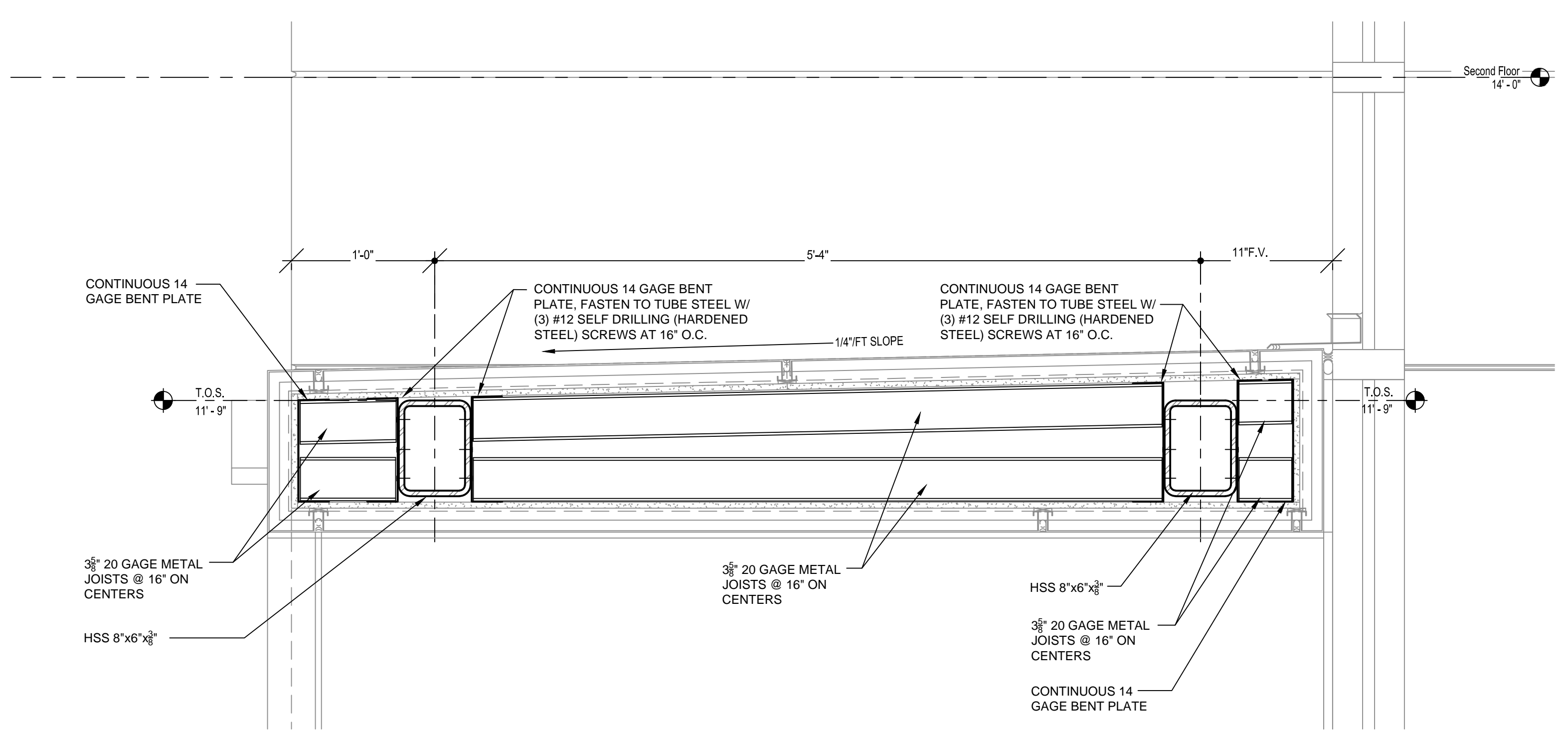
PROJECT NO. U443.16
 DATE 03/24/17
 DRAWING NO. **S1.1**

GENERAL NOTES

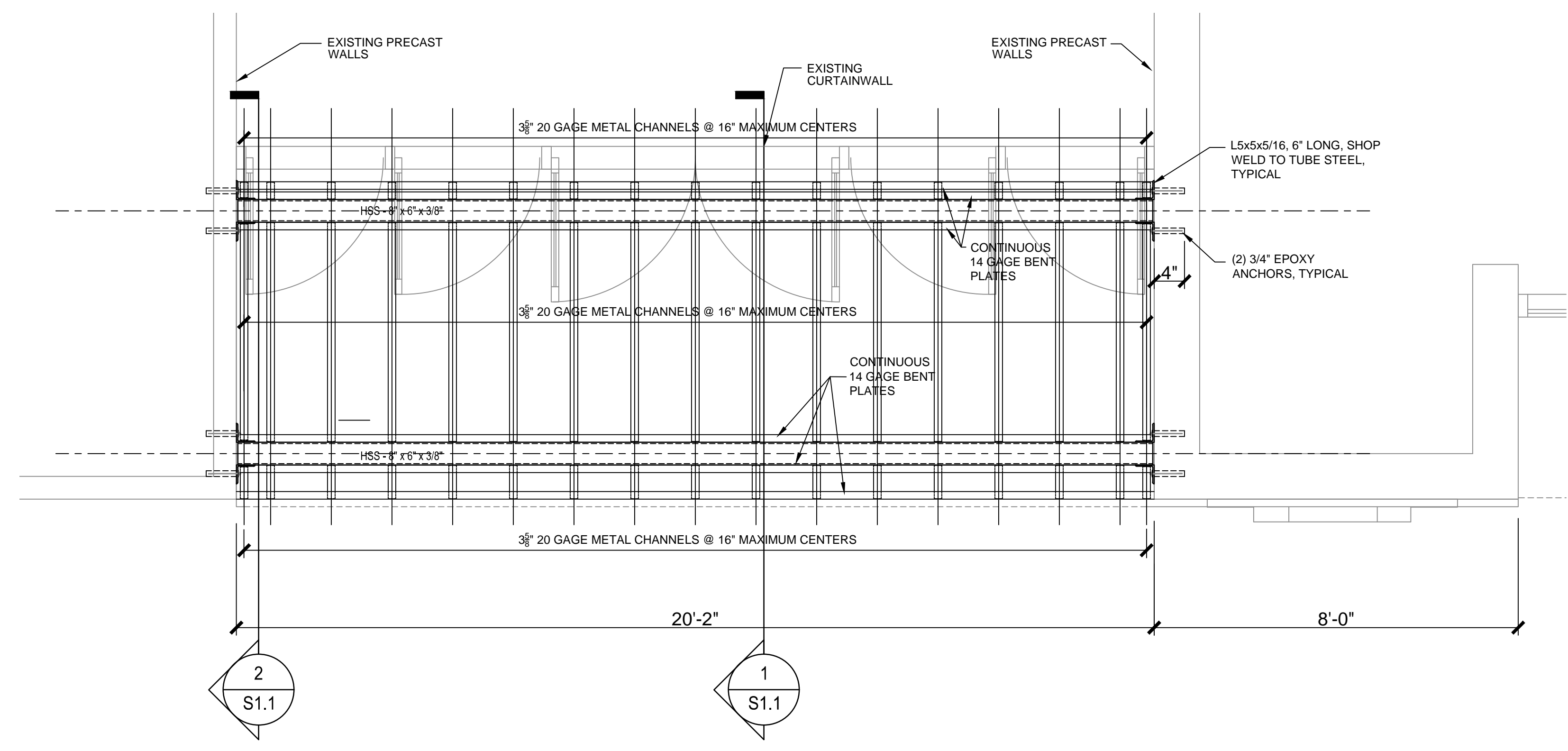
- LOADS:
 - LIVE LOADS:
 - ROOF 20 PSF
 - DEAD LOADS: ACTUAL WEIGHTS OF MATERIALS AND ETC.
 - ROOF SNOW LOADS:
 - (1) GROUND SNOW LOAD: 10 PSF
 - WIND LOAD:
 - (1) BASIC WIND SPEED 115 MPH
 - (2) RISK CATEGORY II
 - (3) WIND EXPOSURE C
 - (4) INTERNAL PRESSURE COEFFICIENT $C_{pi} = +/- 0.18$
 - (5) DESIGN PRESSURES FOR COMPONENTS AND CLADDING
 - ROOF LOAD:
 - CORNER ZONE OR ZONE 3 USE -75.6 PSF; +18.5
 - PERIMETER ZONES OR ZONE 2 USE -51.2 PSF; +18.5 PSF
 - INTERIOR ZONE OR ZONE 1 USE -29.4 PSF; +18.5 PSF
- SEISMIC DESIGN DATA
 - RISK CATEGORY II
 - MAPPED SPECTRAL RESPONSE ACCELERATIONS:
 - $S_s = 0.55$; $S_1 = 0.15$
 - SITE CLASS D - ASSUMED
 - SPECTRAL RESPONSE COEFFICIENTS:
 - $S_{DS} = 0.50$; $S_{D1} = 0.22$
 - SEISMIC DESIGN CATEGORY D
 - BUILDING NOT BROUGHT UP TO MEET CURRENT CODE
- BUILDING CODE - INTERNATIONAL BUILDING CODE 2015
- PROVIDE AND INSTALL ALL TEMPORARY BRACINGS AS REQUIRED FOR SAFETY / STABILITY OF THE STRUCTURE UNTIL STRUCTURE IS COMPLETE.
- CONTRACTOR SHALL VISIT SITE TO BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS AND SHALL FIELD VERIFY ALL EXISTING DIMENSIONS, FRAMING CONDITIONS, AND CONNECTIONS BEFORE BEGINNING CONSTRUCTION OR ANY FABRICATION.
- STRUCTURAL STEEL:
 - STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS, UNLESS NOTED OTHERWISE ON PLANS:
 - ALL ANGLES, CHANNELS, PLATES, BARS, A-36 ($F_y=36$ ksi)
 - ALL ROLLED W SHAPES, BEAMS, COLUMNS, A-992 ($F_y=50$ ksi)
 - STRUCTURAL STEEL TUBE, A-500 ($F_y=46$ ksi)
 - ALL PLATES, ANCHOR BOLTS, ETC. A-36 ($F_y=36$ ksi)
 - BOLTED CONNECTIONS:
 - ALL CONNECTIONS (UNLESS NOTED OTHERWISE) SHALL BE MADE WITH 3/4" DIAMETER A-325X OR A-490X BOLTS.
 - OVERSIZE OR LONG SLOTTED HOLES ARE NOT ALLOWED UNLESS SHOWN ON STRUCTURAL PLANS.
 - THE SHOP DRAWINGS SHALL CLEARLY INDICATE THE TYPE OF BOLTS USED IN EACH CONNECTION AND THE ALLOWABLE VALUES USED FOR THE VARIOUS BOLT TYPES.
 - THE FOLLOWING MINIMUM STANDARDS APPLY:
 - MINIMUM PLATE THICKNESS = 3/8"
 - MINIMUM BOLT DIAMETER = 3/4"
 - WELDED CONNECTIONS:
 - ALL SHOP AND FIELD WELDING SHALL CONFORM TO AWS STRUCTURAL WELDING CODE-STEEL, ANSIAWS - D1.1
 - MINIMUM WELD = 3/16" THICK THROAT



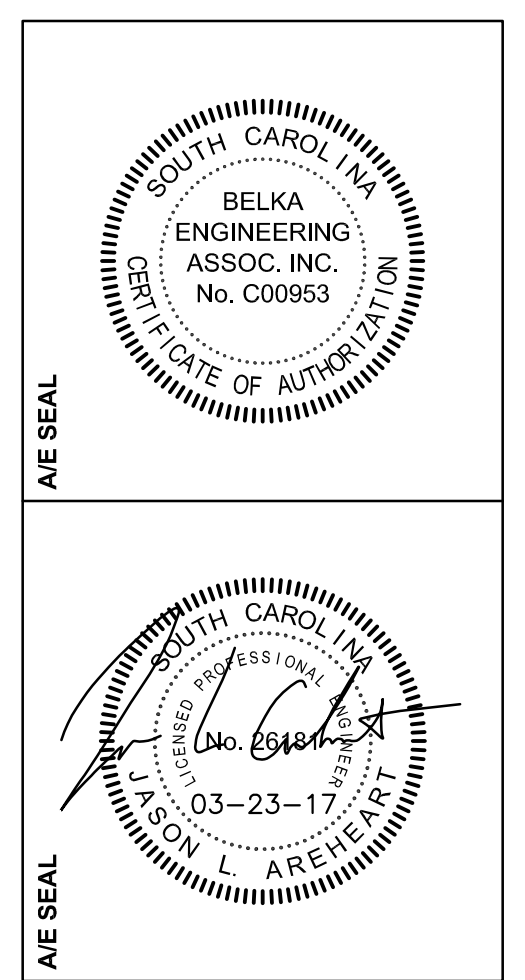
2 SECTION AGAINST EXISTING WALL - LOWER LEVEL CANOPY
 S1.1 1/2" = 1'-0"



1 SECTION THROUGH LOWER LEVEL CANOPY
 S1.1 1/2" = 1'-0"



LOWER LEVEL CANOPY ROOF FRAMING PLAN
 1/2" = 1'-0"



PROJECT TITLE
**ATHLETICS PRACTICE FACILITY -
 MODIFY ENTRANCES**
 ATHLETIC PRACTICE FACILITY
 1001 BLOSSOM ST.
 COLUMBIA, SC 29208

NO.	REVISIONS	NAME	DATE

DRAWN BY: CES
CHECKED BY: JJA
THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF BELKA ENGINEERING ASSOCIATES, INC. AND ARE NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF BELKA ENGINEERING ASSOCIATES, INC. TO USE IN ANY MANNER.

DRAWING TITLE
OVERALL ELECTRICAL PLANS

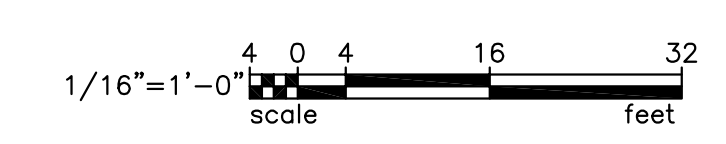
PROJECT NO. U445.18
DATE 03.24.17
DRAWING NO. **E1.0**

- GENERAL ELECTRICAL NOTES**
- BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG UNLESS NOTED OTHERWISE. WHERE CONDUCTOR AND RACEWAY SIZE ARE SHOWN AT HOMERUN, SUCH SIZE SHALL BE USED FOR THE ENTIRE CIRCUIT.
 - PRIOR TO ROUGH-IN, COORDINATE THE LOCATION AND MOUNTING HEIGHT OF ALL WALL AND CEILING MOUNTED DEVICES WITH THE ARCHITECTURAL ELEVATIONS, MILLWORK SHOP DRAWINGS, AND EXISTING CONDITIONS. IN THE EVENT OF A CONFLICT, NOTIFY THE ARCHITECT. MINOR ADJUSTMENTS IN DEVICE LOCATION, I.E. 5'-0" IN ANY DIRECTION SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
 - PROVIDE FLEXIBLE CONDUIT FOR ALL CONDUITS CROSSING EXPANSION JOINTS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF EXPANSION JOINTS.
 - CONDUIT ROUTING SHALL COMPLY WITH DETAILS ON DRAWINGS AND SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES BEFORE AND DURING CONSTRUCTION.
 - REFER TO THE ARCHITECTURAL DRAWINGS FOR PROJECT PHASING.
 - THE ARRANGEMENT, GROUPING, AND ROUTING OF BRANCH CIRCUITS SHALL BE PROVIDED AT THE CONTRACTOR'S DISCRETION IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICE FOR ELECTRICAL WORK, THE NATIONAL ELECTRICAL CODE REQUIREMENTS, LOCAL ORDINANCES, AND THE FOLLOWING:
 - A COMMON NEUTRAL SHALL NOT BE INSTALLED IN A HOMERUN FOR 2 OR 3 BRANCH CIRCUITS.
 - MULTIPLE SINGLE-POLE BRANCH CIRCUITS (UP TO 3 HOTS, 3 NEUTRALS, 1 GROUND) RATED FOR 30-AMPS OR LESS MAY BE PULLED INTO A SINGLE RACEWAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING THE RACEWAYS AND DERATING CONDUCTORS PER NEC ARTICLE 310.15.
 - BRANCH CIRCUIT, FEEDER & COMMUNICATION CIRCUITS SHALL BE ROUTED OVERHEAD UNLESS PRIOR APPROVAL HAS BEEN GRANTED BY THE ARCHITECT AND ENGINEER.
 - A GROUND CONDUCTOR SHALL BE PROVIDED IN ALL RACEWAYS UNLESS NOTED OTHERWISE. IF EXISTING CIRCUIT DOES NOT HAVE GROUNDING CONDUCTOR, CONTRACTOR SHALL ADD ONE.
 - THE USE OF MC CABLE SHALL BE KEPT TO A MINIMUM AND ONLY USED IN TIGHT CONDITIONS. SPECIFIC LOCATIONS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR APPROVAL.
 - SEAL ALL EXISTING AND NEW FIRE RATED WALL AND FLOOR PENETRATIONS IN THE CONSTRUCTION AREA.
 - SEE THE ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS OF FIRE RATED WALLS.
 - WHEREVER ON THE ELECTRICAL DRAWINGS THE WORD "PROVIDE" IS USED, IT SHALL BE INFERRED TO MEAN "FURNISH AND INSTALL".

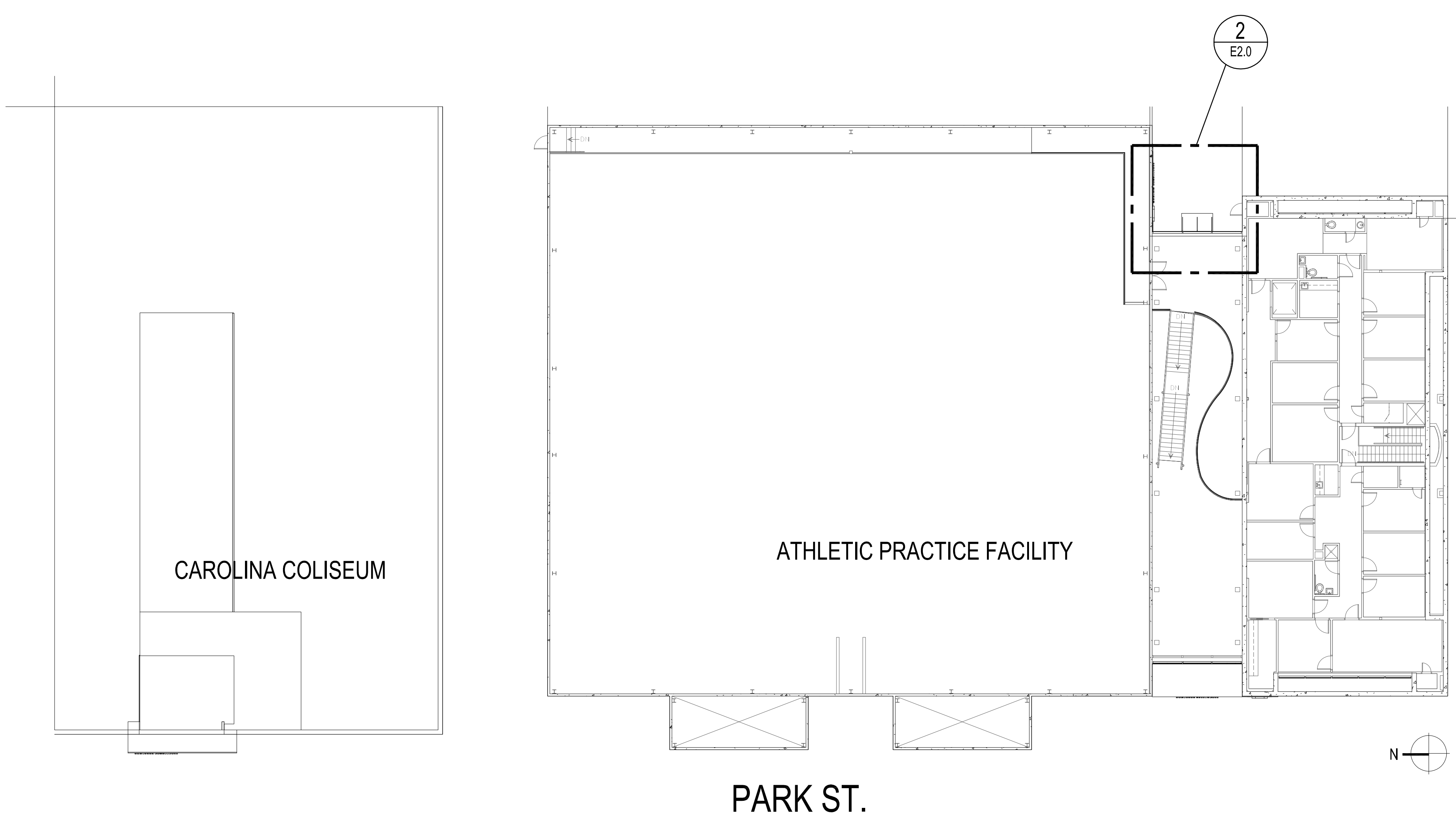
- GENERAL ELECTRICAL DEMOLITION NOTES**
- ALL ELECTRICAL EQUIPMENT TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIALS UNTIL RELEASED BY OWNER'S PROJECT MANAGER. MATERIALS THAT OWNER'S PROJECT MANAGER CHOOSES TO RETAIN SHALL BE DELIVERED BY THE CONTRACTOR TO A LOCATION DESIGNATED BY THE PROJECT MANAGER. ALL OTHER MATERIALS SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
 - ELECTRICAL DEVICES NOT SHOWN ON WALLS TO BE DEMOLISHED SHALL BE DEMOLISHED AT NO ADDITIONAL COST TO OWNER.
 - ELECTRICAL DEVICES NOT SHOWN ON CEILINGS OR WALLS TO REMAIN SHALL REMAIN IN PLACE. PROTECT FROM DAMAGE DURING CONSTRUCTION.
 - ELECTRICAL DEVICES NOT SHOWN ON CEILINGS TO BE REMOVED SHALL BE TEMPORARILY DISCONNECTED AND REMOVED DURING DEMOLITION AND RE-INSTALLED ON NEW CEILING IN SAME LOCATION.

ELECTRICAL DRAWING INDEX

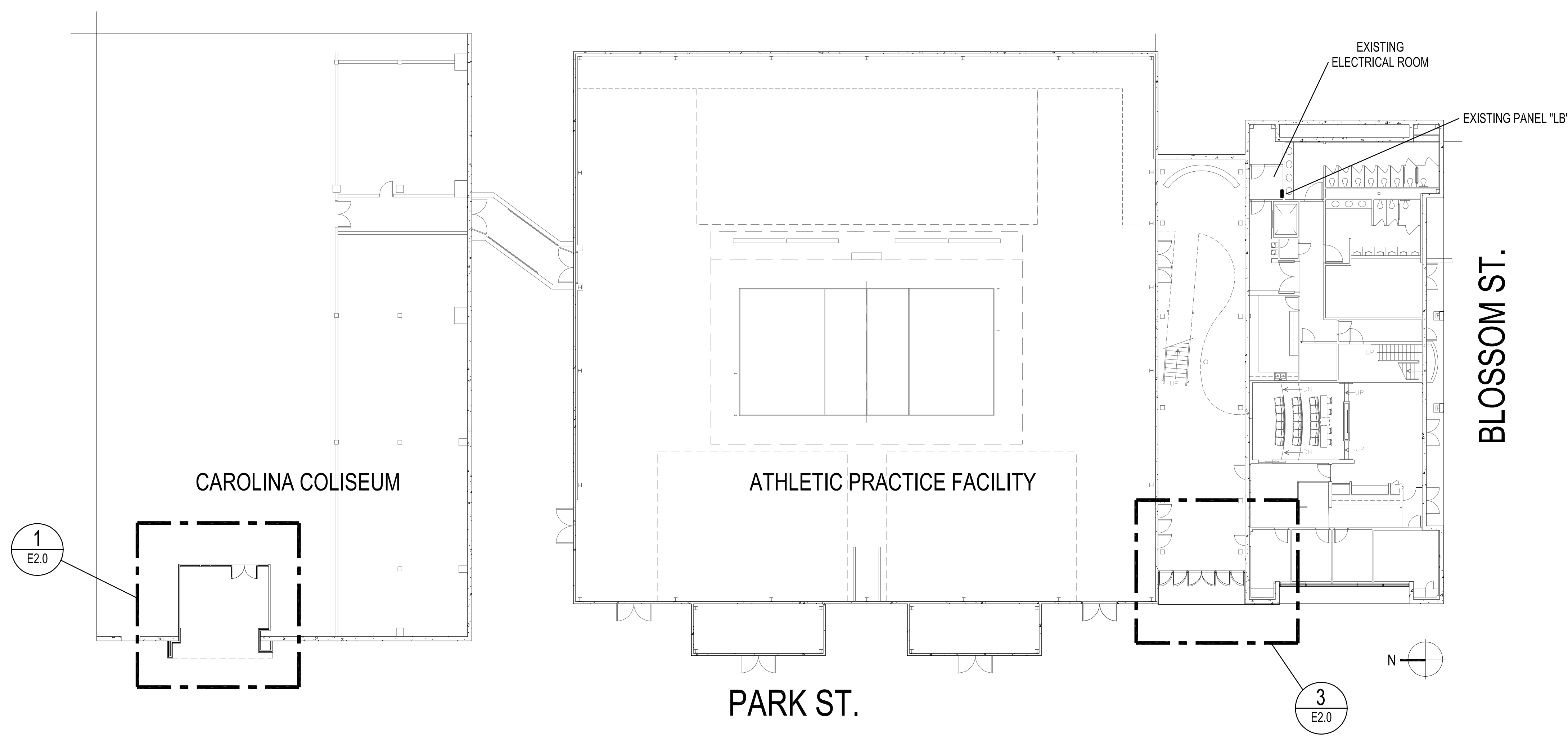
E1.0	OVERALL ELECTRICAL PLANS
E2.0	ENLARGED ELECTRICAL PLANS



BEA BELKA ENGINEERING ASSOCIATES, INC. GA21703
 CONTACT: CLIFF STRINGFIELD
 7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210
 (803) 731-0650 p | (803) 731-2880 f
 Cstringfield@BEA-Consulting.com



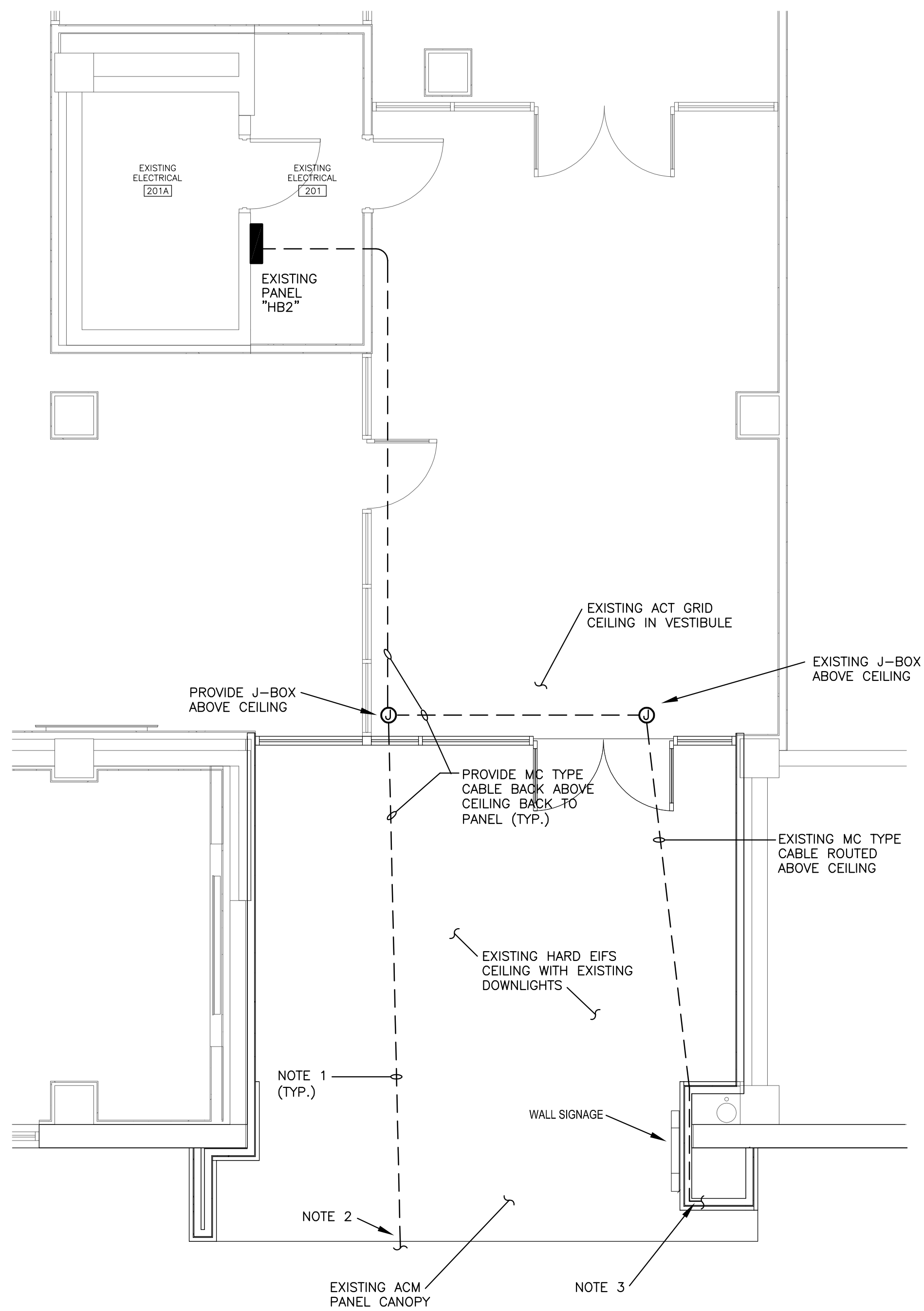
1 OVERALL ELECTRICAL PLAN - UPPER LEVEL
 E1.0 SCALE: 1/16"=1'-0"



2 OVERALL ELECTRICAL PLAN - LOWER LEVEL
 E1.0 SCALE: 1/16"=1'-0"

ELECTRICAL NOTES

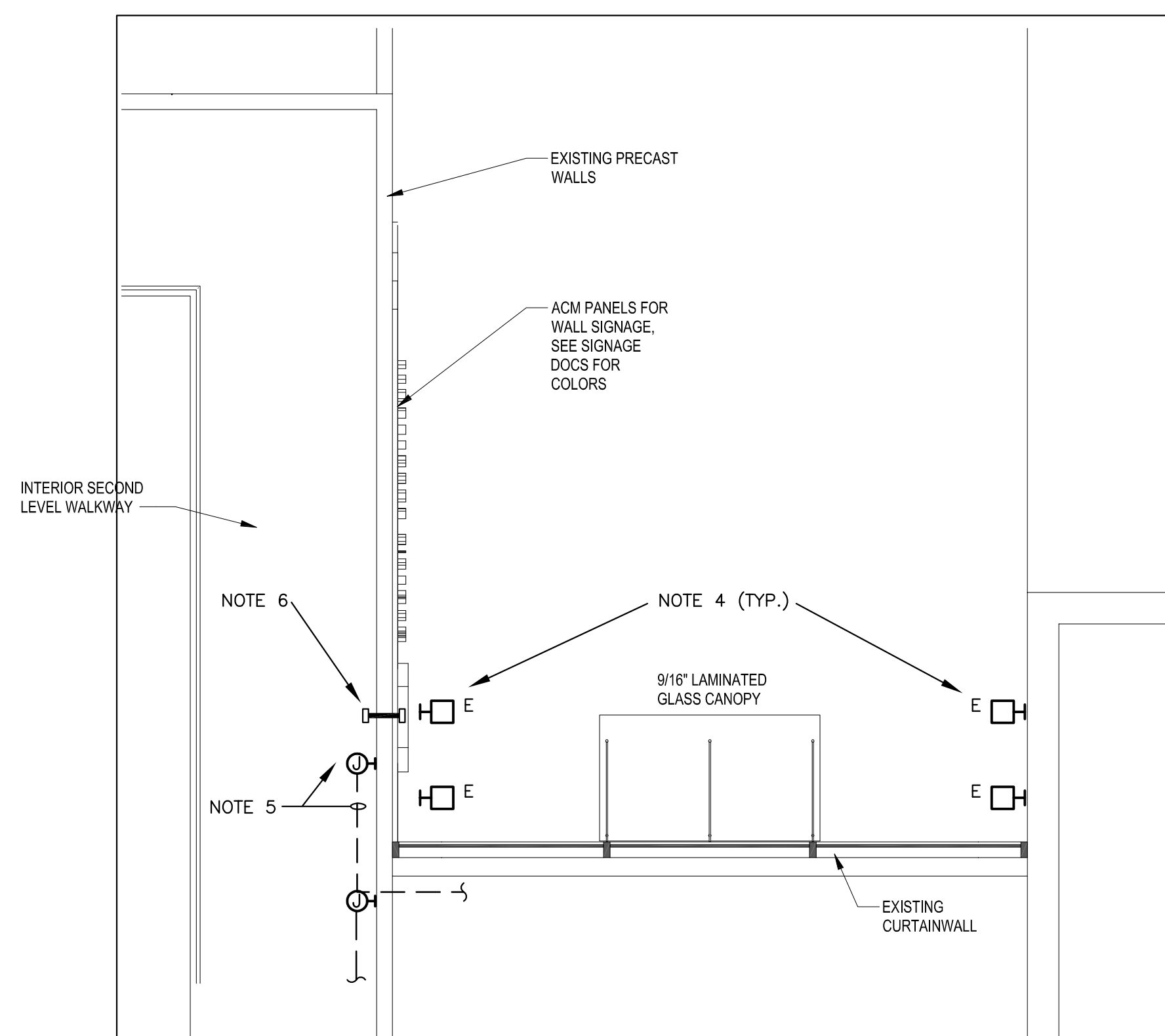
- PROVIDE ONE (1) 20 AMP CIRCUIT (2#12, 1#12G, IN 3/4" C.) FROM EXISTING PANEL "HB2" TO NEW SIGNAGE. USE EXISTING SPARE 20 AMP, 1 POLE BREAKER IN EXISTING PANEL "HB2". COORDINATE EXACT LOCATION OF CONNECTION SIGNAGE INSTALLER BEFORE ROUGH-IN. PROVIDE ONE (1) LIGHTING CONTROL TIME CLOCK (INTERMATIC# ET90115C - NO EQUAL) TO CONTROL THIS CIRCUIT.
- MAKE HOLE IN EXISTING ACM PANEL WHERE SIGNAGE WILL BE INSTALLED AND FISH MC TYPE CABLE FROM THERE BACK TO ABOVE GRID CEILING IN LOBBY. COORDINATE EXACT HOLE LOCATION WITH SIGNAGE INSTALLER.
- LOCATE EXISTING STUBBED OUT MC TYPE CABLE IN EXISTING ACM PANEL SYSTEM AND PROVIDE CONNECTION TO NEW BLOCK "C" LOCATION ON INNER FACE. COORDINATE EXACT LOCATION WITH SIGNAGE INSTALLER. MC TYPE CABLE IS TERMINATED TO AN EXISTING J-BOX ABOVE GRID CEILING IN LOBBY LABELED "FUTURE SIGN." EXTEND CIRCUIT AND FEED SIGNAGE WITH THE SAME 20 AMP CIRCUIT AND CONTROLLED BY THE SAME TIME CLOCK.
- CLEAN EXISTING WALL MOUNTED LIGHTING FIXTURES AND PROVIDE NEW LAMPS.
- PROVIDE ONE (1) 20 AMP CIRCUIT (2#10, 1#10G, IN 3/4" C.) FROM EXISTING PANEL "LB" TO WALL J-BOX MOUNTED 8'0" AFF (UPPER LEVEL IN VOLLEYBALL GYMNASIUM). SEE OVERALL LOWER PLAN FOR LOCATION OF EXISTING PANEL "LB". USE EXISTING SPARE 20 AMP, 1 POLE BREAKER IN EXISTING PANEL "LB". COORDINATE EXACT LOCATION OF J-BOX WITH SIGNAGE INSTALLER BEFORE ROUGH-IN. PROVIDE ONE (1) LIGHTING CONTROL TIME CLOCK (INTERMATIC# ET90115C - NO EQUAL) TO CONTROL THIS CIRCUIT. PROVIDE ONE (1) 12"x12"x4" ENCLOSURE FOR SIGNAGE POWER SUPPLY. PAINT TO MATCH EXISTING WALL. COORDINATE LOCATION OF ENCLOSURE WITH SIGN INSTALLER. THE INTENDED ROUTING FOR THE NEW CIRCUIT FROM EXISTING PANEL "LB" IS TO BE OVER THE ADJACENT CONFERENCE ROOM GRID CEILING JUST NORTH OF THE ELECTRICAL ROOM. THE FINAL ROUTING OF ALL EXPOSED CONDUIT MUST BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO INSTALLATION. ALL EXPOSED CONDUIT AND BOXES TO BE PAINTED THE COLOR OF THE ADJACENT WALL SURFACE OR GRAPHIC ONTO WHICH IT IS MOUNTED.
- PROVIDE ONE (1) 2" CONDUIT SLEEVE WITH BUSHINGS ON EACH END THROUGH EXISTING EXTERIOR WALL AT APPROXIMATELY 5'6" AFF (UPPER LEVEL). CONFIRM EXACT PENETRATION LOCATION AND HEIGHT WITH SIGNAGE INSTALLER BEFORE ROUGH-IN.
- EXISTING DUPLEX RECEPTACLE AND EXTERIOR CAMERA SHALL REMAIN IN PLACE. PROTECT DURING CONSTRUCTION.
- REMOVE EXISTING WALL MOUNTED LIGHTING FIXTURES AND TURN OVER TO OWNER. PROVIDE BLANK COVERPLATES ON OPEN BOXES. CIRCUIT SHALL BE REUSED FROM INTERIOR HOME RUN BOX TO FEED NEW DOWNLIGHTS IN NOTE 13.
- EXTEND 20 AMP CIRCUIT REFERENCED IN NOTE 5 ABOVE TO WALL J-BOX MOUNTED INSIDE WEST SIDE ENTRANCE AS SHOWN ON PLAN. MOUNT J-BOX AT 10'0" AFF (LOWER LEVEL). PROVIDE ONE (1) 12"x12"x4" ENCLOSURE FOR SIGNAGE POWER SUPPLY. PAINT TO MATCH EXISTING WALL. COORDINATE LOCATION OF ENCLOSURE WITH SIGN INSTALLER. THE CONDUIT RUN FROM THE NOTE 5 J-BOX TO THE NOTE 9 J-BOX FOR LOWER ENTRY SHOULD BE ROUTED HORIZONTALLY ALONG THE INSIDE FACE OF THE SOUTH WALL OF THE PRACTICE GYM AT APPROXIMATELY 10'-0" AFF. THE FINAL ROUTING OF ALL EXPOSED CONDUIT MUST BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO INSTALLATION. ALL EXPOSED CONDUIT AND BOXES TO BE PAINTED THE COLOR OF THE ADJACENT WALL SURFACE OR GRAPHIC ONTO WHICH IT IS MOUNTED.
- PROVIDE ONE (1) 2" CONDUIT SLEEVE WITH BUSHINGS ON EACH END THROUGH EXISTING EXTERIOR WALL AT APPROXIMATELY 11'5" AFF (LOWER LEVEL). CONFIRM EXACT PENETRATION LOCATION AND HEIGHT WITH SIGNAGE INSTALLER BEFORE ROUGH-IN.
- PROVIDE ONE (1) 20 AMP CIRCUIT (2#10, 1#10G, IN 3/4" C.) FROM EXISTING PANEL "LB" TO WALL J-BOX MOUNTED ABOVE CEILING IN VOLLEYBALL COACHES OFFICE. COORDINATE EXACT LOCATION OF J-BOX WITH SIGNAGE INSTALLER BEFORE ROUGH-IN. AT EXISTING PANEL "LB", CONNECT CONDUCTORS TO SAME 20 AMP CIRCUIT REFERENCED IN NOTES 5 AND 9. ALL SIGNAGE SHALL BE CONTROLLED BY SAME TIME CLOCK REFERENCED IN NOTE 5.
- PROVIDE ONE (1) 2" CONDUIT SLEEVE WITH BUSHINGS ON EACH END THROUGH EXISTING EXTERIOR WALL AT APPROXIMATELY 10'0" AFF (LOWER LEVEL). CONFIRM EXACT PENETRATION LOCATION AND HEIGHT WITH SIGNAGE INSTALLER BEFORE ROUGH-IN.
- PROVIDE THREE (3) RECESSED DOWNLIGHTS WITH BATTERY BACKUP IN NEW CANOPY. EXTEND EXISTING 20 AMP CIRCUIT REFERENCED IN NOTE 8.



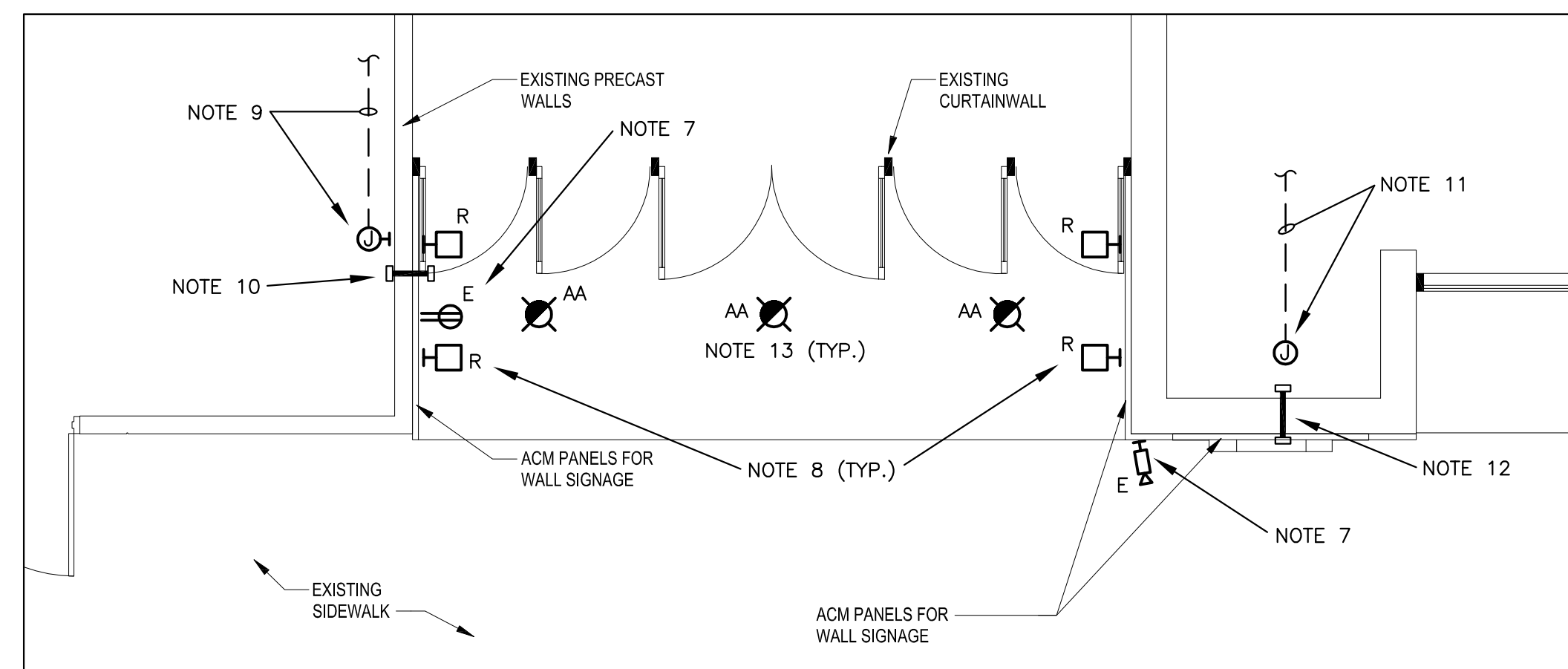
1 ENLARGED ELECTRICAL PLAN - COLISEUM ENTRANCE
E2.0 SCALE: 1/4" = 1'-0"

ELECTRICAL SYMBOL LEGEND

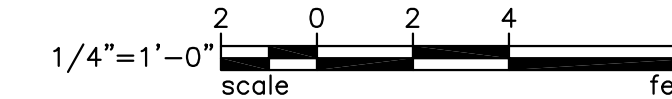
- POWER JUNCTION BOX, MOUNTED ABOVE CEILING
- POWER JUNCTION BOX, WALL MOUNTED APPROXIMATELY 10'0" AFF
- 1" CONDUIT SLEEVE THROUGH EXISTING WALL FOR LOW VOLTAGE WIRING TO SIGNAGE
- EXISTING EXTERIOR WALL LIGHTING FIXTURE TO REMAIN IN PLACE. CONTRACTOR SHALL CLEAN AND PROVIDE NEW LAMPS.
- EXISTING EXTERIOR WALL LIGHTING FIXTURE TO BE REMOVED BY THIS CONTRACTOR AND TURNED OVER TO OWNER.
- EXISTING DUPLEX RECEPTACLE WITH WEATHERPROOF COVER TO REMAIN IN PLACE.
- EXISTING EXTERIOR CAMERA TO REMAIN IN PLACE.
- 4" DIAMETER DOWNLIGHT (PHILIPS/LIGHTOLIER# PAR D15N Z10 U VB EM/PAR D840 VB/PAR DCCP OR APPROVED EQUAL), RECESSED MOUNTED IN NEW CANOPY (SEE ARCHITECTURAL DRAWINGS FOR DETAILS)



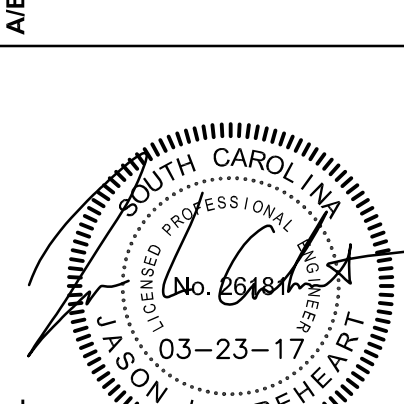
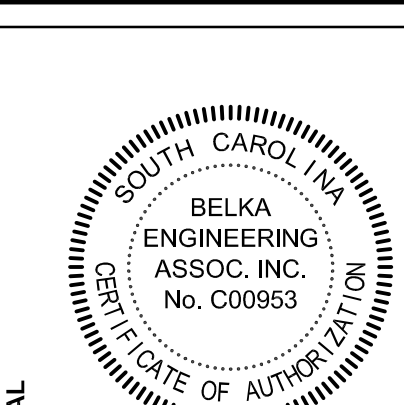
2 ENLARGED ELECTRICAL PLAN - ATHLETIC PRACTICE FACILITY UPPER LEVEL
E2.0 SCALE: 1/4" = 1'-0"



3 ENLARGED ELECTRICAL PLAN - ATHLETIC PRACTICE FACILITY LOWER LEVEL
E2.0 SCALE: 1/4" = 1'-0"



BEA BELKA ENGINEERING ASSOCIATES, INC. GA21703
CONTACT: CLIFF STRINGFIELD
7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210
(803) 731-0650 | (803) 731-2880 F
Cstringfield@BEA-Consulting.com



PROJECT TITLE
ATHLETICS PRACTICE FACILITY - MODIFY ENTRANCES
ATHLETIC PRACTICE FACILITY
1001 BLOSSOM ST.
COLUMBIA, SC 29208

NO.	REVISIONS	NAME	DATE

DRAWN BY: JJA
CHECKED BY: JJA
DATE: 03.23.17

DRAWING TITLE
ENLARGED ELECTRICAL PLANS

PROJECT NO. U445.18
DATE 03.23.17
DRAWING NO. **E2.0**