

**ADDENDUM
NO. 4**

October 9, 2024

**LOWELL HIGH SCHOOL NATATORIUM ADDITION
AND RELATED WORK**

Lowell, IN 46356

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated September 6, 2024 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 4-1 and attached Addendum No. 4 from Gibraltar Design dated October 7, 2024 and consisting of 2 pages and 5 drawings.

ADDENDUM FOUR

Addendum Four (AD.04) to the drawings and specifications prepared by Gibraltar Design for **Lowell High School Natatorium Addition and Related Work** for Tri-Creek School Corporation, Lowell, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum, Addendums One, Two, and Three, and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

- 1. Specification Section 10 51 26 Solid Plastic Lockers**
 - A. Revise Paragraph 2.3.F.3.a.1) to read as follows: "1) Handles: Surface attached, ergonomic handles, ADA compliant."
 - B. Add new Paragraph 2.3.F.3.a.4) as follows: "4) Electronic Locks: Digilock, 'Aspire' Keypad, Lockable and unlockable with user selected lock key combination, Brushed Nickel finish."

DRAWINGS

- 2. Sheet S-203**
 - A. 2ND FLOOR FRAMING KEYED NOTES: Revised note 2 to read as follows "DENOTES NEW STEEL BEAM OR LINTEL BEARING ON NEW BLOCK LOCATION. REFER TO DETAIL 11/S-404 FOR LINTEL BEARING REQUIREMENTS. AT OPENINGS, COORD. EXACT LINTEL ELEV. & EXTENTS w/ ARCH. DWGS. PROVIDE 3/8" x (NOM. WALL WIDTH - 1") PLATE CONT. WELDED TO LINTEL BOTTOM FLANGE. AT EXTERIOR OPENINGS WITH MASONRY VENEER, PROVIDE LOOSE LINTEL PER LINTEL SCHEDULE ON SHEET S-002."
 - B. ROOF FRAMING KEYED NOTES: Revised note 2 to read as follows "DENOTES NEW STEEL BEAM OR LINTEL BEARING ON NEW BLOCK LOCATION. REFER TO DETAIL 11/S-404 FOR LINTEL BEARING REQUIREMENTS. AT OPENINGS, COORD. EXACT LINTEL ELEV. & EXTENTS w/ ARCH. DWGS. PROVIDE 3/8" x (NOM. WALL WIDTH - 1") PLATE CONT. WELDED TO LINTEL BOTTOM FLANGE. AT EXTERIOR OPENINGS WITH MASONRY VENEER, PROVIDE LOOSE LINTEL PER LINTEL SCHEDULE ON SHEET S-002."
- 3. Sheet S-205**
 - A. Refer to revised full size sheet included in this addendum for the following revisions.
 1. Roof Framing Keyed Notes
 - a. Keynote A – Clarification Added for Beam/Lintel Bearing.
 2. CMU Lintel Callouts Added.

4. Sheet M-301

- A. Refer to revised full size sheet included in this addendum for the following revisions.
 - 1. Adjusted louver location, size, and associated ductwork to match architect's location.

5. Sheet EP102

- A. Refer to revised full size sheet included in this addendum for the following revisions.
 - 1. Revised display locations in commons.

6. Sheet T-001

- A. Refer to revised full size sheet included in this addendum for the following revisions.
 - 1. Updated symbol list descriptions.

7. Sheet T-102

- A. Refer to revised full size sheet included in this addendum for the following revisions.
 - 1. Revised display locations in commons

Pages 1 through 2, inclusive, and Five (5) Full-Size Drawings, constitute the total makeup of **Addendum Four**.

A handwritten signature in cursive script, reading 'Joseph P. Brigg', positioned above a horizontal line.

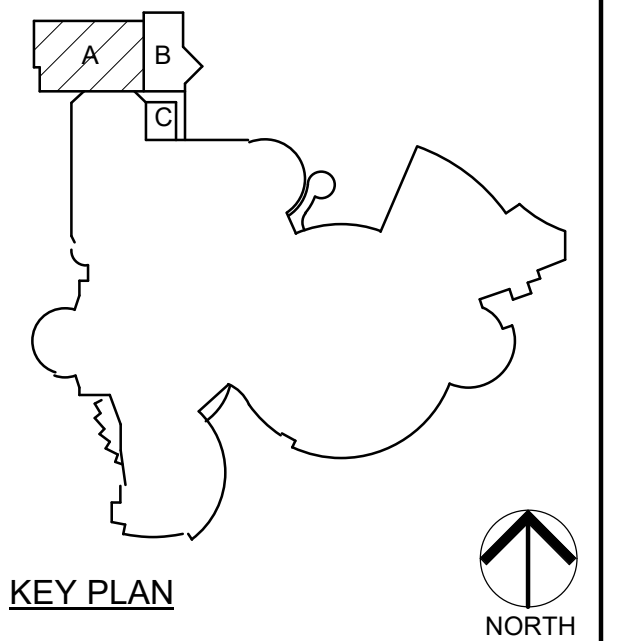
Y:\23-116 Tr Creeks SC - Lowell HS New Natatorium\Specs\ADDENDUM 4\AD04.docx



GIBRALTAR
DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT:
**LOWELL HIGH SCHOOL
NATATORIUM
ADDITION AND
RELATED WORK**

TRI-CREEK SCHOOL
CORPORATION
2051 E COMMERCIAL AVE
LOWELL, IN 46356

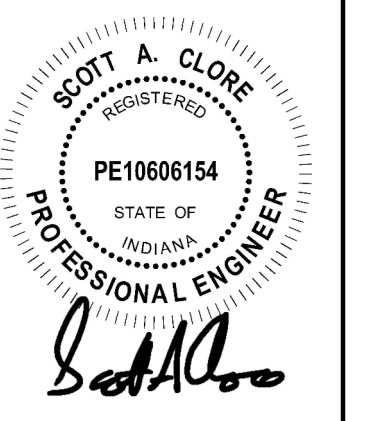


CONSTRUCTION DOCUMENTS

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
23-116
DATE
9/6/2024
COORDINATED BY
NHF
DRAWN BY
NHF/EGC
CHECKED BY
SAC



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFIC. NO PART OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	09.20.2024	ADDENDUM #1
AD-3	10.04.2024	ADDENDUM #3
AD-4	10.07.2024	ADDENDUM #4

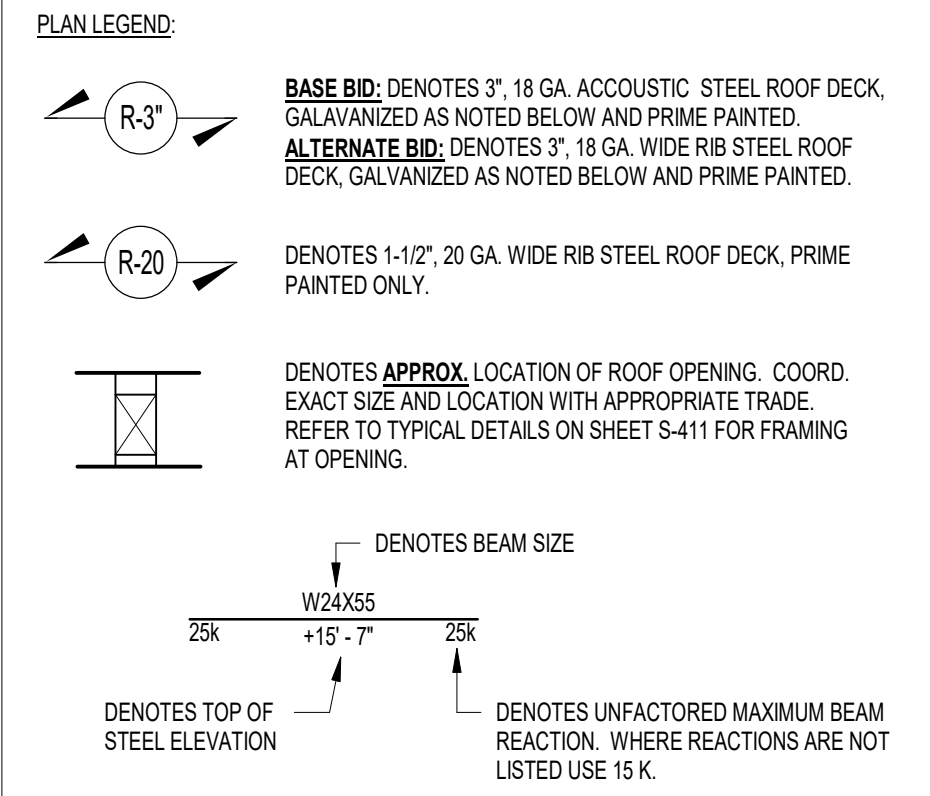
DRAWING
ROOF FRAMING PLAN - UNIT A

PROJECT
LOWELL HIGH SCHOOL
NATATORIUM ADDITION AND
RELATED WORK

SHEET
A S-205

ROOF FRAMING PLAN NOTES

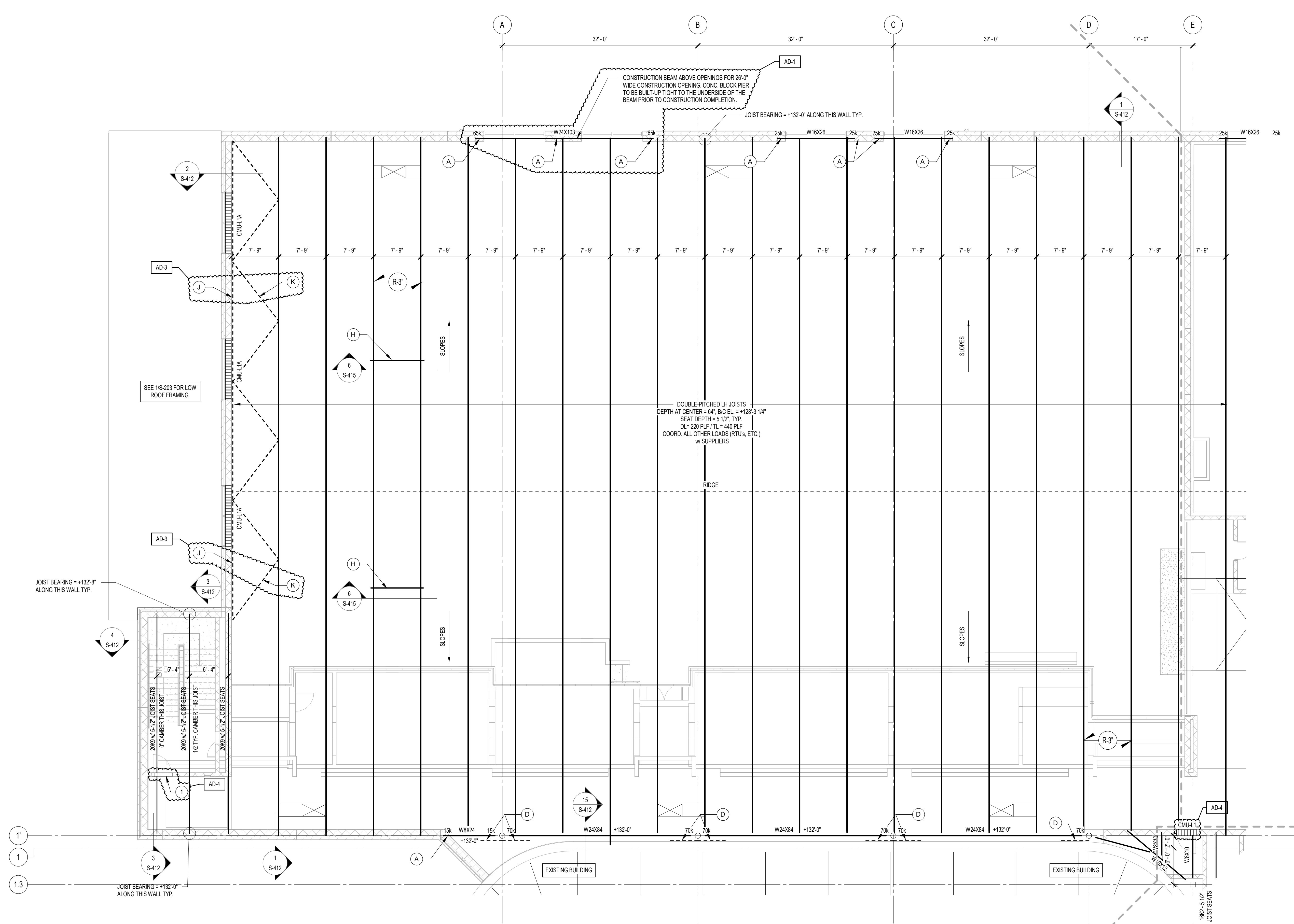
- A. REFER TO SHEET S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
- B. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- C. ALL ELEVATIONS LISTED ARE REFERENCED FROM THE GROUND FLOOR FINISH FLOOR ELEVATION 100'-0" OF NEW CONSTRUCTION. REFER TO THE CIVIL DRAWINGS FOR EXACT U.S.S. ELEVATION.
- D. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- E. COORDINATE SIZE AND LOCATION OF ANY ROOF OPENINGS w/ APPROPRIATE TRADE(S).
- F. JOIST BRIDGING LOCATIONS AND SIZES ARE TO BE DETERMINED BY SUPPLIER PER SJI STANDARDS.
- G. BEAR BEAM ON TOP OF COLUMN AT THIS LOCATION. DO NOT PROJECT BEAM BEYOND OUTSIDE FACE OF STUD AT EXTERIOR WALL.
- H. DASHED LINE INDICATES STEEL CHANNEL LAID IN DECK FLUTES FOR ROOF TOP CURB SUPPORT. REFER TO SECTION ON SHEET S-411 FOR ADDITIONAL INFORMATION.
- I. FOR ESTIMATING PURPOSES ASSUME AN ADDITIONAL 5% OF OVERALL STEEL TONNAGE TO ACCOUNT FOR LATERAL BRACING.
- J. WHERE EXTERIOR BEAMS PENETRATE THE EXTERIOR INSULATION BARRIER, SPRAY BEAMS W/ "THERMOC" "AEROLOK" THERMAL INSULATING COATING FOR 3'-0" ON EXTERIOR SIDE AND 3'-0" ON INTERIOR SIDE.



ROOF FRAMING KEYED NOTES

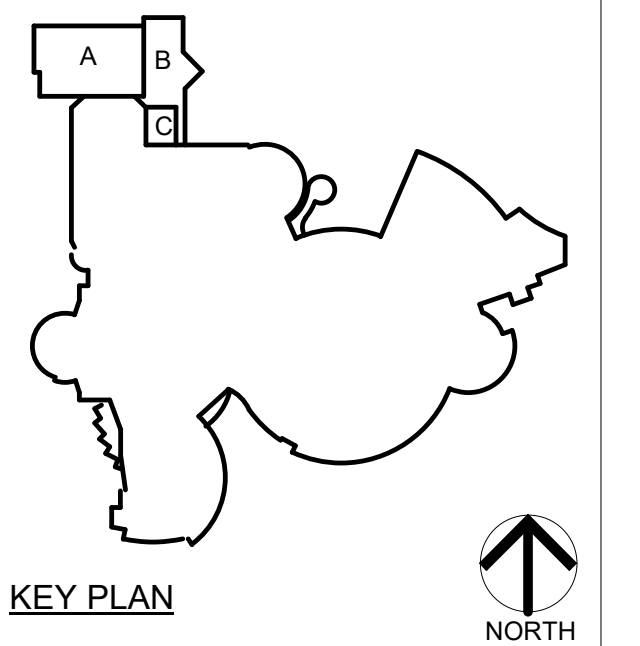
- AD-1** DENOTES NEW STEEL BEAM OR LINTEL BEARING ON NEW BLOCK LOCATION. REFER TO DETAIL 11S-404 FOR LINTEL BEARING REQUIREMENTS. AT OPENINGS, COORD. EXACT LINTEL ELEVATION WITH ARCH. QUOTE. PROVIDE 3/8" IN DIA. WALL WITH 1/4" PLATE CONT. WELDED TO LINTEL BOTTOM FLANGE. AT EXTERIOR OPENINGS WITH MASONRY VENEER, PROVIDE LOOSE LINTEL PER LINTEL SCHEDULE ON SHEET S-202.
- AD-2** PROVIDE HSS2x1.5x3/16 OUTRIGGERS WITHIN DECK FLUTES AT 2'-0" c.c. MAX.
- AD-3** APPROXIMATE LOCATION OF ROOF TOP UNIT. PROVIDE CHANNEL BELOW UNIT PER TYPICAL DETAIL ON SHEET S-411. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE.
- AD-4** DENOTES HSS4x4x5/16 KNEE BRACE. REFER TO DETAIL ON SHEET S-411 FOR KNEE BRACE INFORMATION.
- AD-5** PROVIDE CONT. 1.8x8x1/2 FOR HIGH BRICK SUPPORT. ANCHOR TO 12" BLOCK W/ 3/4" DIA. A36 THREADED RODS W/ 6" 1/4" EMBED. SET W/ HILTI HIT-4Y 270° ADHESIVE ANCHORS, SPACED AT 24" c.c. MAX.
- AD-6** DENOTES PRECAST CONC. LINTEL BEARING ON NEW CONC. BLOCK.
- AD-7** DENOTES NEW STEEL LINTEL BEARING ON EXIST. BLOCK. REFER TO DETAIL 10S-404 FOR LINTEL BEARING REQUIREMENTS. COORD. EXACT LINTEL ELEV. & EXTENTS W/ ARCH. DWGS.
- AD-8** DENOTES HSS8x3/8 STEEL TUBE LAID ON TOP OF THE JOIST BOTTOM CHORD FOR SUPPORT OF SPOTTING RIGS. COORD. EXACT LOCATIONS W/ RIGGING SUPPLIER.
- AD-9** L7x4x3/8 CONT.
- AD-10** L4x4x3/8 DIAGONAL BRACING, ALIGNED TO JOIST BRIDGING LOCATIONS. COORDINATE WITH JOIST SUPPLIER.
- AD-11** DENOTES W8x28 LIFTING BEAM OVER SURGE TANK AND PUMP PIT. COORD. EXACT LOCATION AND ELEVATION OF BEAMS W/ THE APPROPRIATE TRADE.

HIGH PERFORMANCE COATING NOTE:
ALL ROOF DECK SHOWN ON THIS SHEET IS TO RECEIVE ZINC 90-97 PRIMER (SHOP-APPLIED).
ALL STRUCTURAL STEEL, COLUMNS, BEAMS, JOISTS, CONNECTIONS, BOLTS, LINTELS, ETC. SHOWN ON THIS SHEET ARE TO RECEIVE ZINC 90-97 PRIMER (SHOP APPLIED).
FIELD APPLY HIGH-PERFORMANCE FINISH COAT OVER ZINC PRIMER WHERE INDICATED ON DRAWINGS.



1 ROOF FRAMING PLAN - UNIT A
1/8" = 1'-0"

10/7/2024 11:38:04 AM C:\Users\infeller\Desktop\Revit Files\2022\Lowell HS New Natatorium_LHB_V22_Central_infeller.rvt



KEY PLAN NORTH

CONSTRUCTION DOCUMENTS

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT: 23-116
DATE: 9/06/2024
COORDINATED BY: JC
DRAWN BY: RC
CHECKED BY: DJ

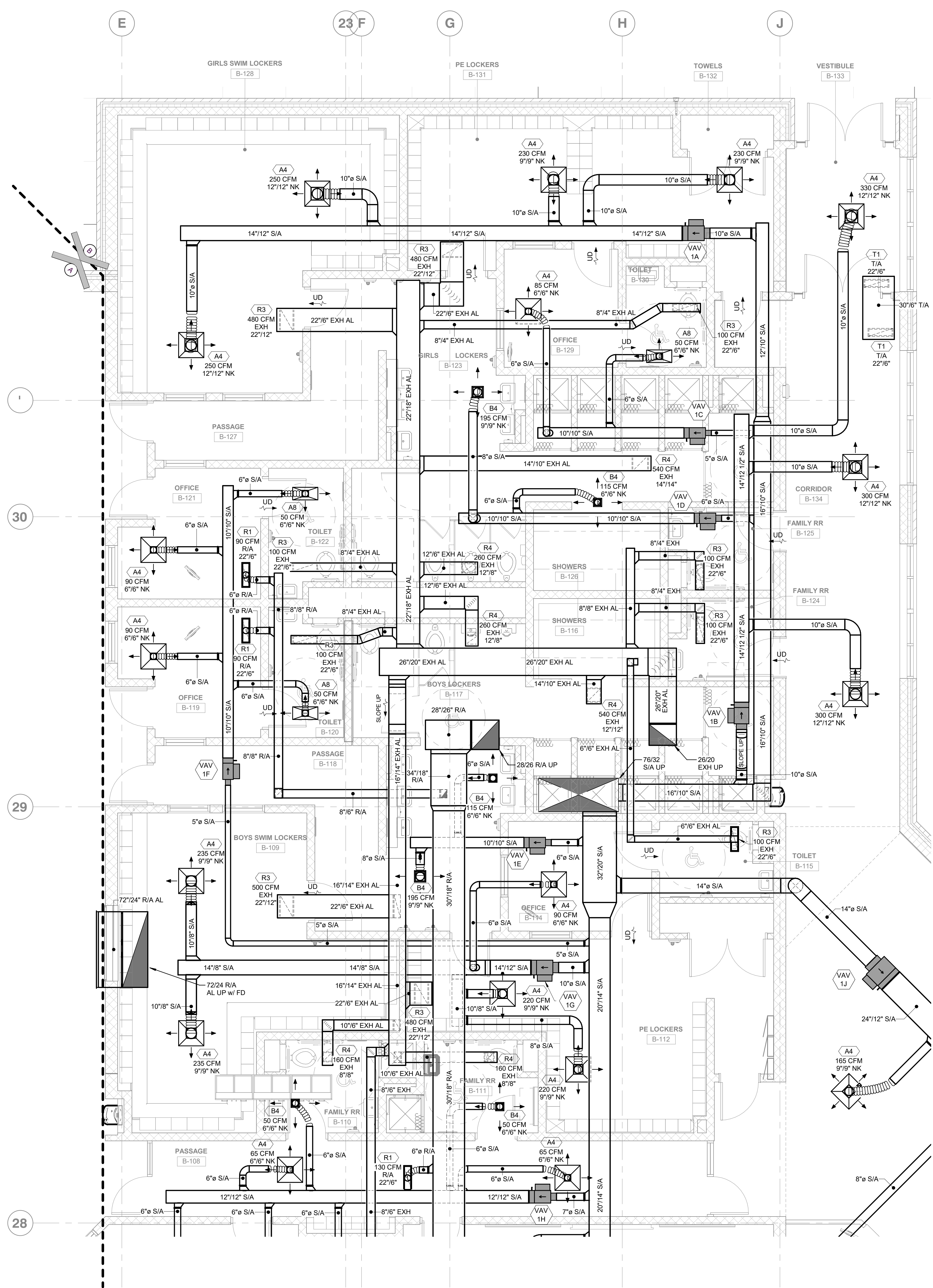
COPYRIGHT NOTICE:
THE CONCEPT, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSES WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
AD-01	09/09/2024	ADDENDUM 1	
AD-04	10/07/24	ADDENDUM 4	

DRAWING:
ENLARGED MECHANICAL PLANS

PROJECT:
LOWELL HIGH SCHOOL NATATORIUM ADDITION AND RELATED WORK

SHEET
M-301



GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL INDICATED BY DIVISION LINES UNLESS OTHERWISE NOTED.

SHEET NOTES

1. TELEPHONE JACKS FOR ELEVATOR. CONNECT TO TELEPHONE SYSTEM COMPLETE AS REQUIRED VIA 1/2" CONDUIT TO T.B. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD PRIOR TO ROUGH-IN.
2. 20A/2P FUSED LOCKABLE DISCONNECT SWITCH FOR ELEVATOR CAB LIGHTING. MOUNT DISCONNECT WITHIN 18" OF DOOR JAMB.
3. 300A/3P CIRCUIT BREAKER WITH AUXILIARY SHUNT TRIP. PROVIDE WIRING TO INTERFACE ELEVATOR CONTROLLER AND SHUNT TRIP TO FIRE ALARM SYSTEM AND DETECTORS. COMPLETE AS REQUIRED. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. MOUNT DISCONNECT WITHIN 18" OF DOOR JAMB.
4. FUTURE SPACE. PROVIDE BACK BOX WITH COVER PLATE. RECEPTACLES INDICATED FOR ALTERNATE SCOPE.
5. 20A/2P FUSED LOCKABLE DISCONNECT SWITCH FOR VISUAL TWO-WAY EMERGENCY COMMUNICATION SYSTEM.

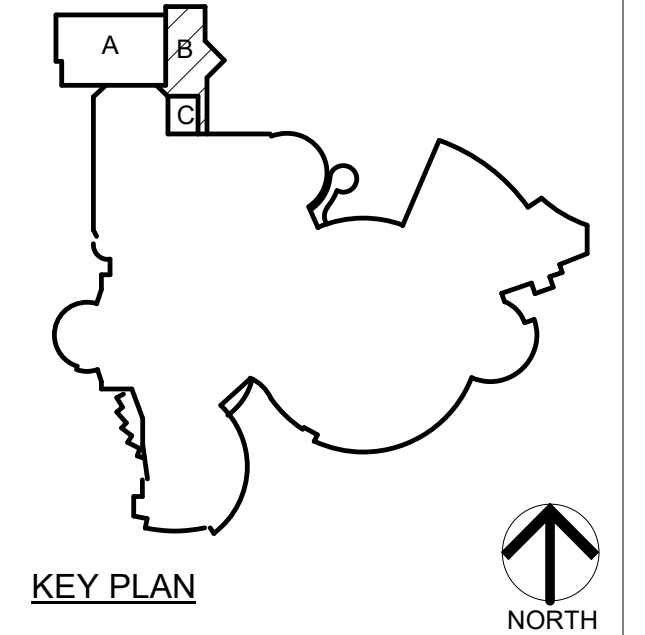
POOL AREA AND PUMP ROOM GENERAL NOTES

1. ALL ELECTRICAL COMPONENTS INCLUDING, BUT NOT LIMITED TO, CONDUIT, JUNCTION BOXES, SWITCHES, RECEPTACLES, TELE-DATA OUTLETS, LIGHT FIXTURES, DISCONNECT SWITCHES, MOTOR STARTERS, PANEL BOARDS, TRANSFORMERS, ETC. INSTALLED IN THE POOL ROOMS, POOL EQUIPMENT ROOMS AND CHEMICAL STORAGE ROOMS SHALL BE MARINE GRADE AND/OR PROPERLY COATED WITH CORROSION RESISTANT MATERIALS TO RESIST WATER, HUMIDITY AND POOL CHEMICALS. PANEL BOARDS, TRANSFORMERS, MOTOR STARTERS AND SIMILAR ENCLOSURES SHALL BE NEMA 4X RATED.
2. BOND AND GROUND ALL POOL EQUIPMENT AND EMBEDDED STEEL DECK EQUIPMENT INCLUDING, BUT NOT LIMITED TO POOL REINFORCING STEEL, POOL MECHANICAL EQUIPMENT, ACTIVITIES, PERIMETER SURFACES, EMBEDDED METALLIC ITEMS, DECK EQUIPMENT, ROPE CLIPS, DIVING TOWER, PUMPS, ETC. IN ACCORDANCE WITH NEC ARTICLE 680, POOL CODE, LOCAL CODES AND ALL OTHER REGULATIONS. REFER TO STRUCTURAL DRAWINGS AND POOL EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL LOW VOLTAGE CABLING IN POOL AREAS TO BE PROVIDED IN A COMPLETE CONDUIT RACEWAY SYSTEM.
4. GROUNDING EQUIPMENT AND ACCESSORIES SHALL BE ERICO #ERITECH BONDING SYSTEM OR APPROVED EQUAL.



PROJECT:
LOWELL HIGH SCHOOL NATATORIUM ADDITION AND RELATED WORK

TRI-CREEK SCHOOL CORPORATION
 2051 E COMMERCIAL AVE
 LOWELL, IN 46356



CONSTRUCTION DOCUMENTS

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
 Indianapolis, IN 46260
 Homepage: www.GibraltarDesign.com
 Email: info@GibraltarDesign.com
 Phone 317.580.5777 Fax 317.580.5778

PROJECT: 23-116
 DATE: 9/06/2024
 COORDINATED BY: SM
 DRAWN BY: BOK
 CHECKED BY: DJ



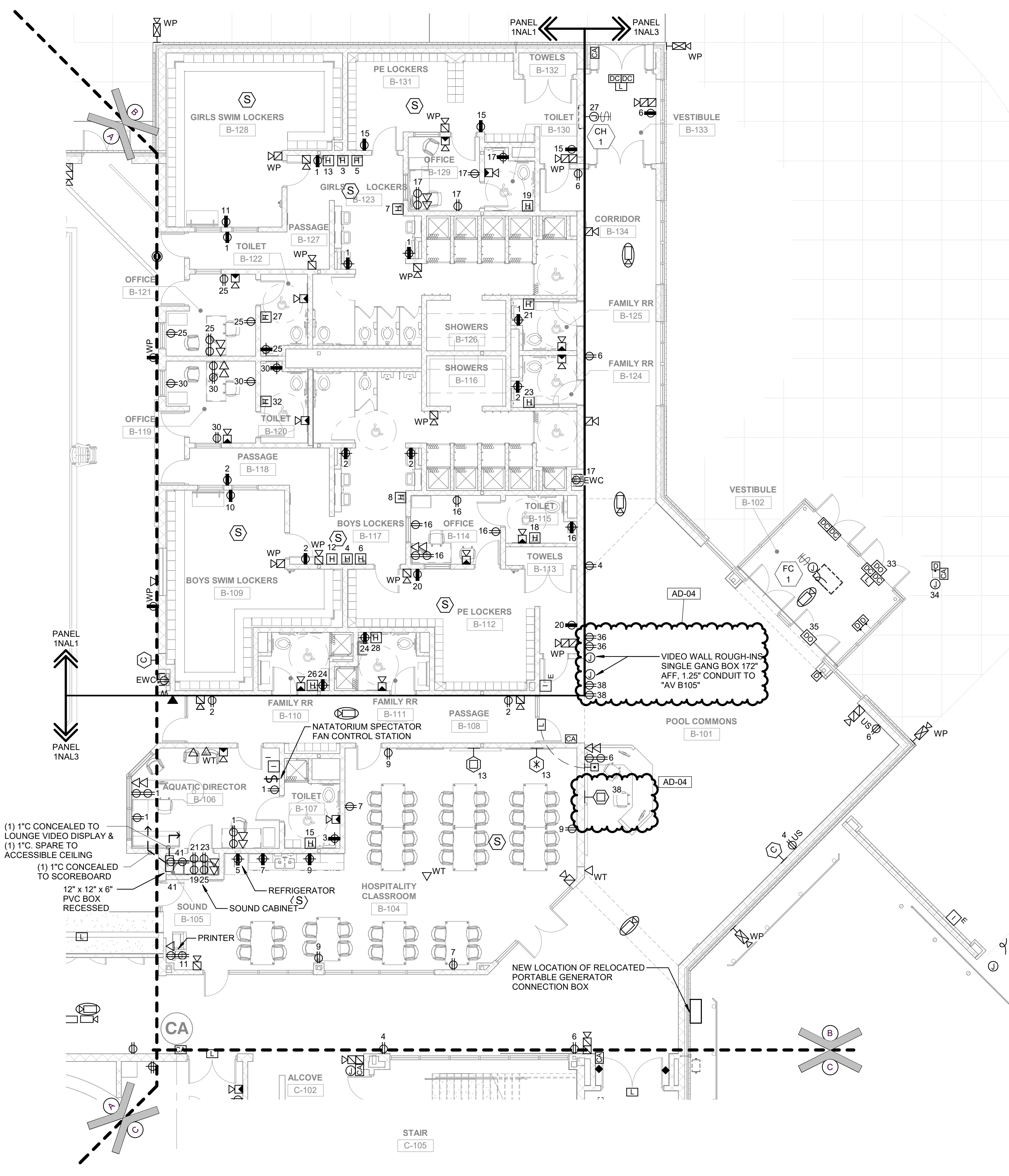
COPYRIGHT NOTICE:
 THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFIC PURPOSES. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSES WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-01	09/20/24	ADDENDUM 1
AD-02	09/27/24	ADDENDUM 2
AD-03	10/04/24	ADDENDUM 3
AD-04	10/07/24	ADDENDUM 4

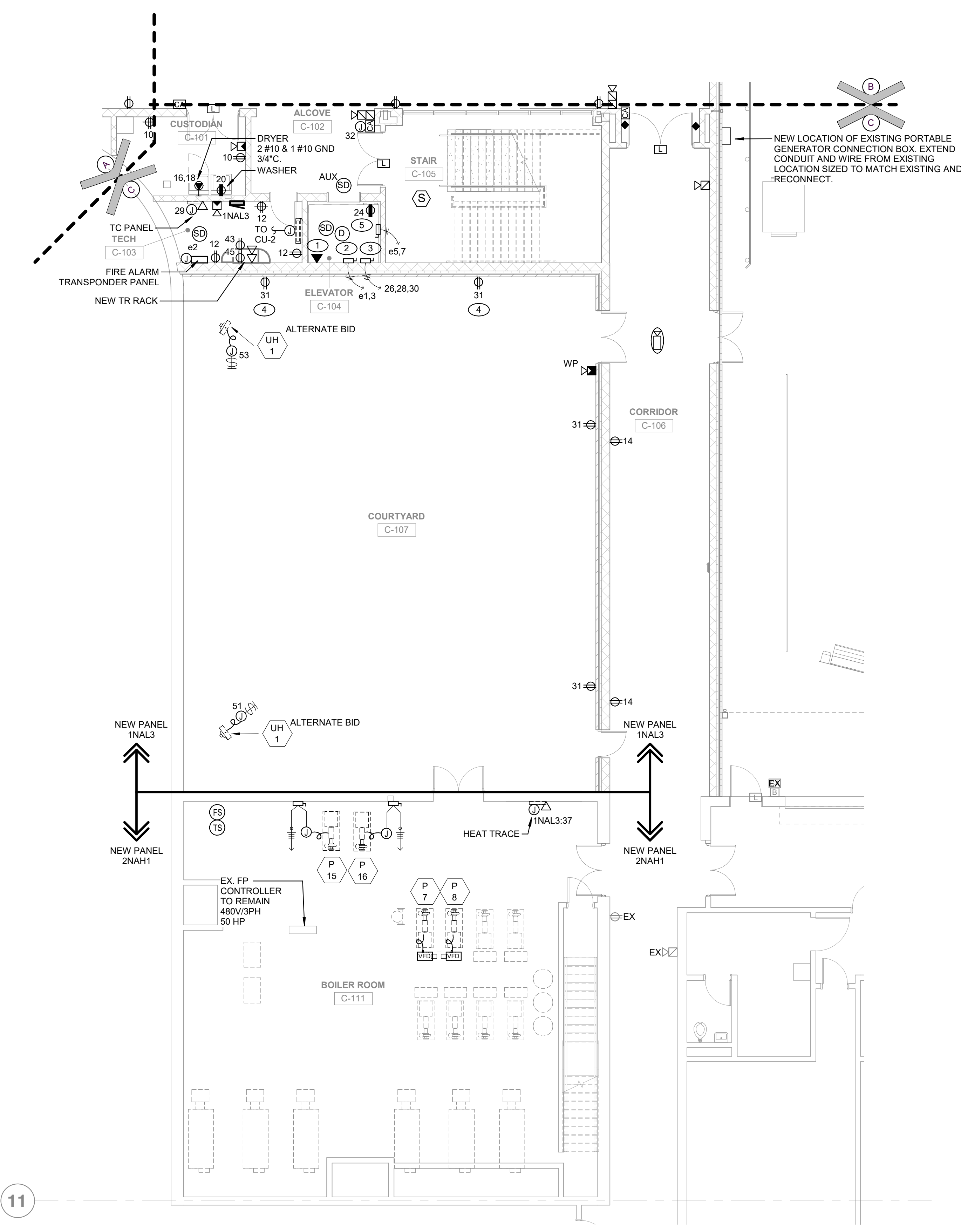
DRAWING:
 UNIT "B" AND "C" ELECTRICAL POWER FIRST FLOOR PLAN

PROJECT:
 LOWELL HIGH SCHOOL NATATORIUM ADDITION AND RELATED WORK

GIBRALTAR DESIGN SHEET
B EP102



1 UNIT "B" ELECTRICAL POWER FIRST FLOOR PLAN
 EP102 1/8" = 1'-0"



2 UNIT "C" ELECTRICAL POWER FIRST FLOOR PLAN
 EP102 1/8" = 1'-0"

10/7/2024 12:18:20 PM C:\Users\smillies\Documents\MEG_Lowell HS New Natatorium_MEP-R22_mhudsonXPYBY\1

TECHNOLOGY GENERAL NOTES

1. WORK SHALL COMPLY WITH LOCAL, STATE AND NATIONAL ELECTRIC CODES, AMERICANS WITH DISABILITIES ACT.
2. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR ADDITIONAL TECHNOLOGY INFORMATION AND REQUIREMENTS. IN ALL CASES DEVICE MOUNTING HEIGHTS AND LOCATIONS SHALL CONFORM TO THE LATEST AMERICANS WITH DISABILITIES FEDERAL STANDARDS.
3. EXCAVATION NECESSARY FOR COMPLETION OF WORK SHALL BE PROVIDED. COORDINATE WITH ONE ANOTHER TO SHARE TRENCHES WHEREVER POSSIBLE.
4. REFER TO THE PLANS FOR ADDITIONAL TECHNOLOGY WORK AND REQUIREMENTS.
5. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
6. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT ALL TIMES. REQUIRED SHUTDOWN OF EXISTING FACILITY UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL.
7. LAYOUT IS DIAGRAMMATIC. INSTALL DEVICES, CONDUIT AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING WORK AND SUBMIT COMPLETE SHOP DRAWINGS AS PER SPECIFICATIONS.
8. VISIT SITE PRIOR TO BID TO DETERMINE AND VERIFY EXISTING INTERIOR AND EXTERIOR TECHNOLOGY SYSTEMS TO VERIFY QUANTITIES AND LOCATIONS OF EXISTING SYSTEMS TO DETERMINE FULL EXTENT OF WORK. INCLUDE THE NECESSARY MODIFICATIONS TO THE EXISTING CONDITIONS (INCLUDING CEILINGS, WALLS, FLOORS, PIPES, CONDUIT, ROOF WORK, ETC.) AS REQUIRED. TO ALLOW FOR PROPER INSTALLATION OF WORK. ADJUST INSTALLATIONS TO MEET FIELD CONDITIONS AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS. TO RESOLVE CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED. EXISTING EQUIPMENT, CONDUIT, PIPING, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET NEW SCOPE OF WORK.
9. HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO ATTENTION IN WRITTEN FORM FOR REVIEW AND DIRECTION. FAILURE TO DO SO SHALL REQUIRE THE CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION TO BE COMPLETED AT NO COST. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE BROUGHT TO ATTENTION FOR REVIEW AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.
10. REMOVE AND REINSTALL EXISTING CEILINGS NOT BEING REPLACED (INCLUDING LIGHTS, MOTION SENSORS, FIRE ALARM DEVICES AND ANY OTHER TECHNOLOGY DEVICES AS REQUIRED) WHERE NECESSARY TO PERFORM WORK. THIS ALSO INCLUDES EXISTING CEILINGS OF PLASTER, DRYWALL, ETC. COORDINATE WORK IN CEILING SPACE SO AS TO MINIMIZE THE AMOUNT OF CEILINGS WHICH MUST BE REMOVED AND REINSTALLED. REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS IN ORDER TO FULLY UNDERSTAND AND INCLUDE CEILING WORK NECESSARY FOR WORK ON THE PROJECT. WHEN THE WORK IS COMPLETED IN THE SPACE, REINSTALL OR PATCH EXISTING CEILINGS, REINSTALL DEVICES AND EQUIPMENT AND REPAIR DAMAGE AS REQUIRED TO COMPLETELY MATCH EXISTING CONDITIONS. REPAIR OR REPLACE ANY DAMAGE CAUSED TO EXISTING CEILING AREAS.
11. REMOVE EXISTING CONSTRUCTION AS REQUIRED AT EXISTING WALLS, FLOORS, PIPE CHASES, SURFACES, FINISHES, ETC. WHICH ARE AFFECTED. REPAIR EXISTING SURFACES AFFECTED. TO MATCH EXISTING SURFACE OF EQUAL OR BETTER QUALITY TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
12. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS.
13. EXISTING TECHNOLOGY DEVICES, CONDUIT, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET NEW SCOPE OF WORK. EXISTING TECHNOLOGY EQUIPMENT SHALL REMAIN PROPERTY OF THE OWNER AND SHALL BE PROPERLY STORED ON SITE, OR DESIGNATED TO BE ABANDONED AND REMOVED FROM SITE AS DIRECTED BY OWNER.
14. PERFORM CUTTING AND PATCHING OF EXISTING FLOOR SLABS AND WALLS AS REQUIRED FOR THE INSTALLATION OF TECHNOLOGY SYSTEMS.
15. EXISTING TECHNOLOGY DEVICES WITHIN WALLS TO BE REMOVED SHALL BE DISCONNECTED COMPLETELY. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
16. WHERE INDICATED ON THE DRAWINGS IN UNFINISHED SPACES, RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO WALL.
17. NO RACEWAYS SHALL BE INSTALLED WITHIN 6" OF STEAM, HOT WATER PIPES OR SIMILAR HEAT PRODUCING APPLIANCES.
18. PROVIDE PULL WIRE IN EACH RACEWAY IN WHICH WIRING IS NOT INSTALLED.
19. COVERS OF JUNCTION OR PULL BOXES SHALL BE ACCESSIBLE AND IDENTIFIED PER SPECIFICATIONS. JUNCTION OR PULL BOXES AND THE LIKE SHALL BE INDEPENDENTLY SUPPORTED TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAYS.
20. UNLESS OTHERWISE NOTED, DEVICE ELEVATIONS REFER TO CENTER LINE OF JUNCTION BOX. VERIFY JUNCTION BOX LOCATIONS WITH FINAL EQUIPMENT LAYOUT PRIOR TO ROUGHING IN SAME.













































RECEPTION/VESTIBULE DOOR OPERATION

	ELECTRICAL STRIKE	CARD READER	"BUZZ IN"	POWERED DOOR OPERATOR	TWO-WAY INTERCOM	NOTES
EXTERIOR VESTIBULE DOOR	X	X	X	X	X	LOCKED DURING AND AFTER SCHOOL HOURS. CARD READER UNLOCKS DOOR.
INTERIOR VESTIBULE DOOR	X	X		X		LOCKED DURING AND AFTER SCHOOL HOURS. CARD READER UNLOCKS DOOR.
RECEPTION TO CORRIDOR DOOR	X	X	X		X	LOCKED FROM RECEPTION SIDE. UNLOCKED FROM CORRIDOR SIDE DURING SCHOOL HOURS. LOCKED AFTER HOURS. CARD READER UNLOCKS DOOR.
RECEPTION TO OFFICE DOOR	X	X				LOCKED FROM RECEPTION SIDE. CARD READER UNLOCKS DOOR.

ACCESS CONTROL NOTES

1. EXTEND EXISTING ACCESS CONTROL SYSTEM AS INDICATED ON PLANS.
2. PROVIDE SXF1550 PROXIMITY CARD READERS
3. DOOR STRIKE PROVIDED BY DOOR HARDWARE SUPPLIER. ACCESS CONTROL CONTRACTOR TO COORDINATE WITH DOOR HARDWARE SUPPLIER AS REQUIRED FOR A COMPLETE INSTALLATION.
4. ACCESS CONTROL CONTRACTOR TO PROVIDE POWER SUPPLY FOR DOOR STRIKE AND DOOR RELEASE MECHANISM.
5. PROVIDE 88B BRITEL BLUE CONTROLLER AND SPS POWER SUPPLY AT EACH DOOR LOCATION WITH NEW ACCESS CONTROL EQUIPMENT. MOUNT CONCEALED IN ACCESSIBLE CEILING SPACE.
6. ACCESS CONTROL WIRE AND CABLE TO BE PLENUM RATED TYPE, BELDEN 3 PAIR, INDIVIDUALLY SHIELDED, 22AWG, BELDEN 2 CONDUCTOR, 18 AWG, SHIELDED.

TECHNOLOGY SYMBOL LIST

-  HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
-  ELLIPSE TAG REFERENCE TO SHEET NOTES
-  SQUARE TAG REFERENCE
-  TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.
-  REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT.
-  NEW DEVICE AS INDICATED.
-  F&I NEW DEVICE AS INDICATED.
-  EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.
-  EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
-  REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.
-  NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.
-  FLUSH IN WALL "TV" INPUT PANEL WITH 2-GANG BACK BOX WITH 1-1/4" C. TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING FOR LOW VOLTAGE CONNECTIVITY. PROVIDE WITH SIMPLEX DATA OUTLET AND CABLING BACK TO NEAREST IT CLOSET AS INDICATED IN THE DATA JACK SYMBOL. PROVIDE HDMI OUTLET AND CABLING TO ASSOCIATED "TV" PANEL LOCATION.
-  FLUSH IN WALL "TV" PANEL CONSISTING OF 2-GANG BACK BOX WITH SIMPLEX DATA OUTLET AND CABLING BACK TO NEAREST IT CLOSET AS INDICATED IN THE DATA JACK SYMBOL. STUB 1" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT DEVICE AT 7'-0" A.F.F. AND COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS.
-  INTERCOM SYSTEM BUZZER
-  CEILING SPEAKERS - WITH AIR PLENUM BACK BOX AND 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT IN SURFACE BOX WHERE NO CEILINGS EXIST. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
-  SURFACE MOUNTED LOUD SPEAKERS MOUNTED ABOVE BOTTOM OF JOIST AS REQUIRED. PROVIDE BACK BOX WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
-  NATATORIUM AV SYSTEM SUSPENDED SPEAKER - WITH AIR PLENUM BACK BOX AND 3/4" CONDUIT TO SPEAKER RACK. SPEAKER AND CABLING BY OTHERS.
-  NATATORIUM AV CEILING SPEAKERS - WITH AIR PLENUM BACK BOX AND 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT IN SURFACE BOX WHERE NO CEILINGS EXIST. SPEAKER AND CABLING BY OTHERS.
-  SIMPLEX DATA OUTLET - WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING - MOUNTED 18" A.F.F. WHEN MOUNTED ADJACENT TO AN ELECTRICAL RECEPTACLE OR AS NOTED. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
-  TELEPHONE OUTLET - WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING - MOUNTED 18" A.F.F. WHEN MOUNTED ADJACENT TO AN ELECTRICAL RECEPTACLE OR AS NOTED. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
-  DUPLEX DATA OUTLET FOR WIRELESS ACCESS POINTS - LOCATED ABOVE ACCESSIBLE CEILING SPACE AND 6" ABOVE THE GRID OR TIGHT TO THE ROOF DECK WHERE NO CEILINGS EXIST. PROVIDE 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 CAT-6 JACK. TEST AND LEAVE 10' SLACK LENGTH.
-  INTERCOM PRIVACY CALL-IN SWITCH - MOUNTED 42" A.F.F. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE RAULAND IP CALL SWITCH WITH CAT-6 CABLE ROUTED TO NEAREST TR LOCATED ON PLAN.
-  WALL MOUNTED ANALOG CLOCK/SPEAKER UNIT. PROVIDE SPEAKER BACK BOX WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE RAULAND IP SPEAKER UNIT WITH CAT-6 CABLE ROUTED TO NEAREST TR LOCATED ON PLAN.
-  WALL MOUNTED 12" ROUND ANALOG CLOCK UNIT MOUNTED 7'-0" A.F.F. (OR AS OTHERWISE NOTED). PROVIDE RAULAND BATTERY POWERED WIRELESS CLOCK UNIT.
-  CEILING MOUNTED DOUBLE FACED 4" DIGITAL CORRIDOR CLOCK - EXTEND 3/4" CONDUIT WITH INSULATED BUSHING TO ACCESSIBLE CEILING SPACE - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
-  MICROPHONE OUTLET JACK - MOUNTED 18" A.F.F. WITH 3/4" CONDUIT TO RESPECTIVE SOUND SYSTEM CABINET. VERIFY EXACT INSTALLATION STYLE PRIOR TO INSTALLATION.
-  WIRELESS MICROPHONE ANTENNA MOUNTED IN CEILING. ROUTE 3/4" CONDUIT TO THE RESPECTIVE SOUND SYSTEM CABINET. VERIFY INSTALLATION IN FIELD.
-  SOUND SYSTEM VOLUME CONTROL - MOUNTED 42" A.F.F. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" C. ROUTED TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SYSTEM INSTALLER.
-  RECESSED HIGH/LOW FULL RANGE SPEAKERS. PROPERLY SUPPORT SPEAKER TO STRUCTURE ABOVE. EXTEND 3/4" CONDUIT TO THE SOUND SYSTEM CABINET. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SYSTEM INSTALLER.
-  SURFACE MOUNTED HIGH/LOW FULL RANGE SPEAKER - ROUGH-IN ONLY - PROVIDE RECESSED BACK BOX, COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS - EXTEND 3/4" CONDUIT WITH INSULATED BUSHING VIA ACCESSIBLE CEILING SPACE TO SOUND SYSTEM CABINET. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SYSTEM INSTALLER.
-  SURVEILLANCE CAMERA - INTERIOR CEILING MOUNTED DOME CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" C. ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 CABLING BACK TO NEAREST IT CLOSET.
-  SURVEILLANCE CAMERA INTERIOR WALL MOUNTED CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" C. ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 CABLING BACK TO NEAREST IT CLOSET. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER'S REPRESENTATIVE.
-  EXTERIOR MOUNTED SURVEILLANCE CAMERA - MOUNTED 12'-0" A.F.F. VERIFY HEIGHT IN FIELD. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" C. ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 CABLING BACK TO NEAREST IT CLOSET. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER'S REPRESENTATIVE.
-  CARD ACCESS CONTROLLER - PROVIDE BACK BOX MOUNTED 42" A.F.F. WITH 3/4" C. ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CARD READER EQUIPMENT AND WIRING AS INDICATED.
-  ELECTRIC DOOR STRIKE - STUB 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.
-  SECURITY SYSTEM DOOR CONTACT - ROUGH-IN ONLY - ROUTE 3/4" C. FROM THE ACCESSIBLE CEILING SPACE AND STUB INTO THE DOOR MULLION.
-  AIPHONE EXTERIOR DOOR INTERCOM SYSTEM, MOUNTED 48" A.F.F. PROVIDE BACK BOX WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.
-  AIPHONE INTERIOR DOOR INTERCOM SYSTEM. MOUNTED ON OWNER'S DESK. PROVIDE BACK BOX AT 42" A.F.F. WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.
-  AIPHONE DOOR INTERCOM POWER SUPPLY. CONNECT TO NEAREST LOCAL RECEPTACLE.
-  DOOR RELEASE BUZZER
-  DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) GANG BACK-BOX MOUNTED AT 42" A.F.F. WITH 3/4" C. ROUTED DOOR OPERATOR.
-  SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.
-  CEILING MOUNTED PROJECTOR LOCATION WITH 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO TR AS INDICATED IN THE DATA JACK SYMBOL. STUB 1-1/4" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. SUPPORT BOXES FROM STRUCTURE WITH UNISTRUT AS REQUIRED.
-  PROVIDE CABLOFIL #CF-105/300 OVERHEAD CABLE TRAY MOUNTED ABOVE THE ACCESSIBLE CEILING SPACE. PROPERLY MOUNT TO THE STRUCTURE ABOVE WITH UNISTRUT AND THREADED ROD. PROVIDE COMPLETE WITH MOUNTING ACCESSORIES AND CABLE MANAGEMENT.



GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES
ENGINEERING GROUP
1001 958-8400
www.milliesengineeringgroup.com

PROJECT:
LOWELL HIGH SCHOOL NATATORIUM ADDITION AND RELATED WORK

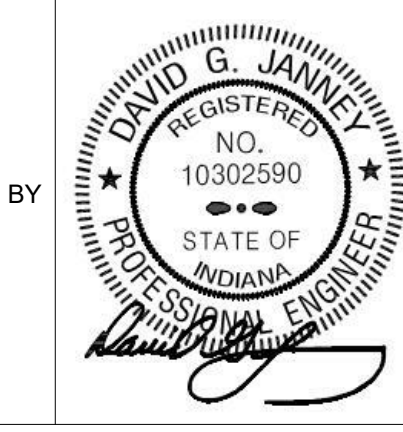
TRI-CREEK SCHOOL CORPORATION
2051 E COMMERCIAL AVE
LOWELL, IN 46356

CONSTRUCTION DOCUMENTS

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT: 23-116
DATE: 9/06/2024
COORDINATED BY: SM
DRAWN BY: BOK
CHECKED BY: DJ



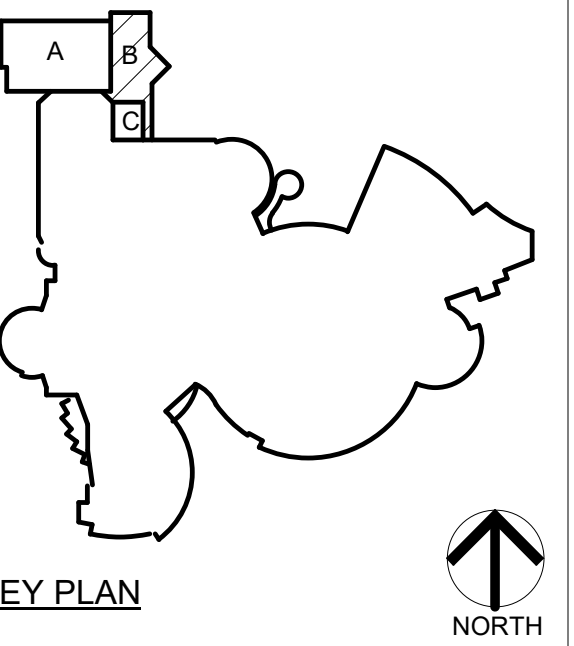
COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE TO BE USED ONLY FOR THE PROJECT IDENTIFIED HEREON. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS
MARK DATE ISSUED FOR
AD-04 10/07/24 ADDENDUM 4

DRAWING:
TECHNOLOGY SYMBOLS, ABBREVIATIONS & NOTES

PROJECT:
LOWELL HIGH SCHOOL NATATORIUM ADDITION AND RELATED WORK

GIBRALTAR DESIGN SHEET
T-001



KEY PLAN

CONSTRUCTION DOCUMENTS

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
23-116
DATE
9/06/2024
COORDINATED BY
SM
DRAWN BY
BOK
CHECKED BY
DJ



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND SHALL REMAIN THE PROPERTY OF GIBRALTAR DESIGN. NO PART OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSES WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

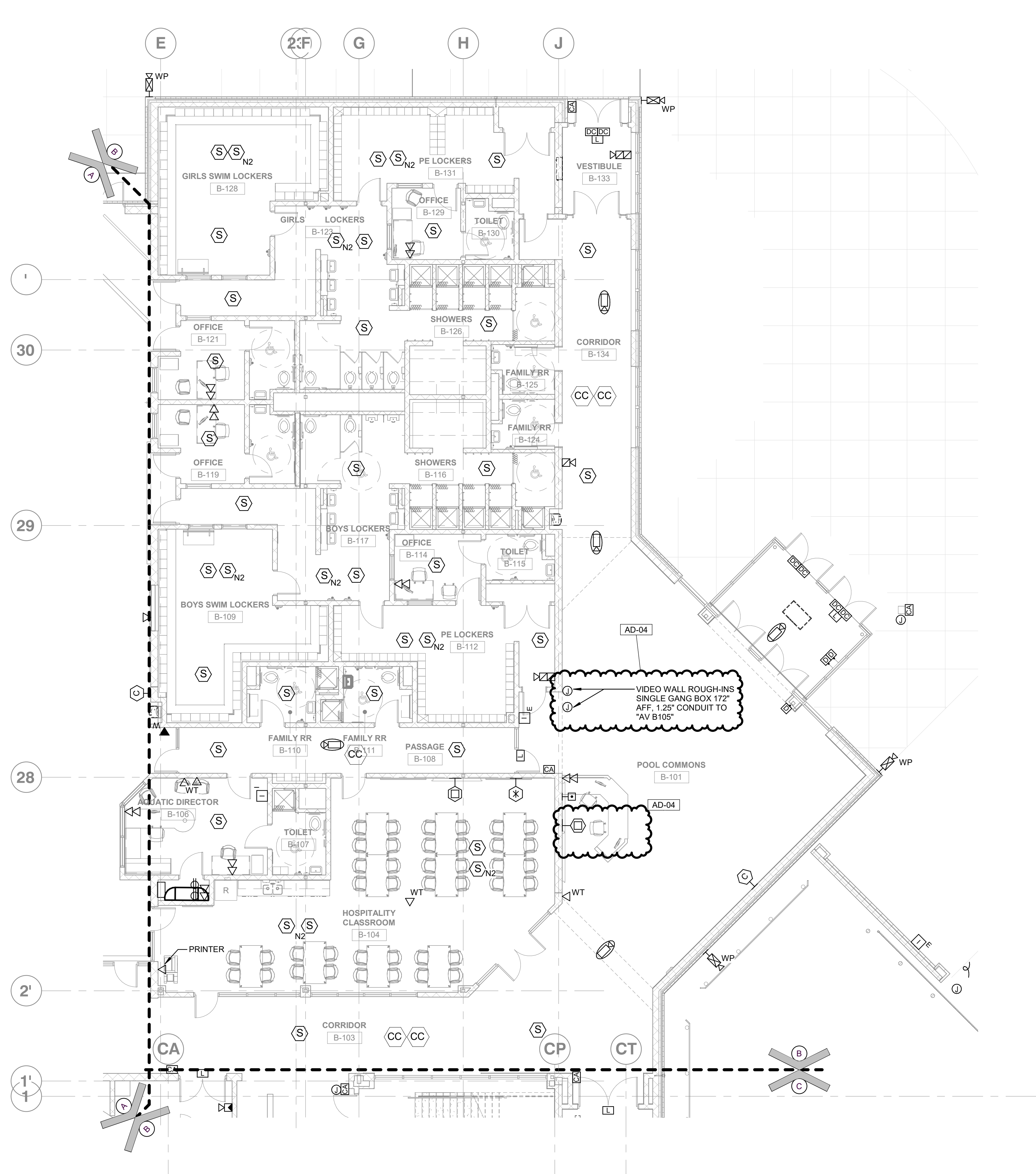
REVISIONS

MARK	DATE	ISSUED FOR
AD-01	09/20/24	ADDENDUM 1
AD-03	10/04/24	ADDENDUM 3
AD-04	10/07/24	ADDENDUM 4

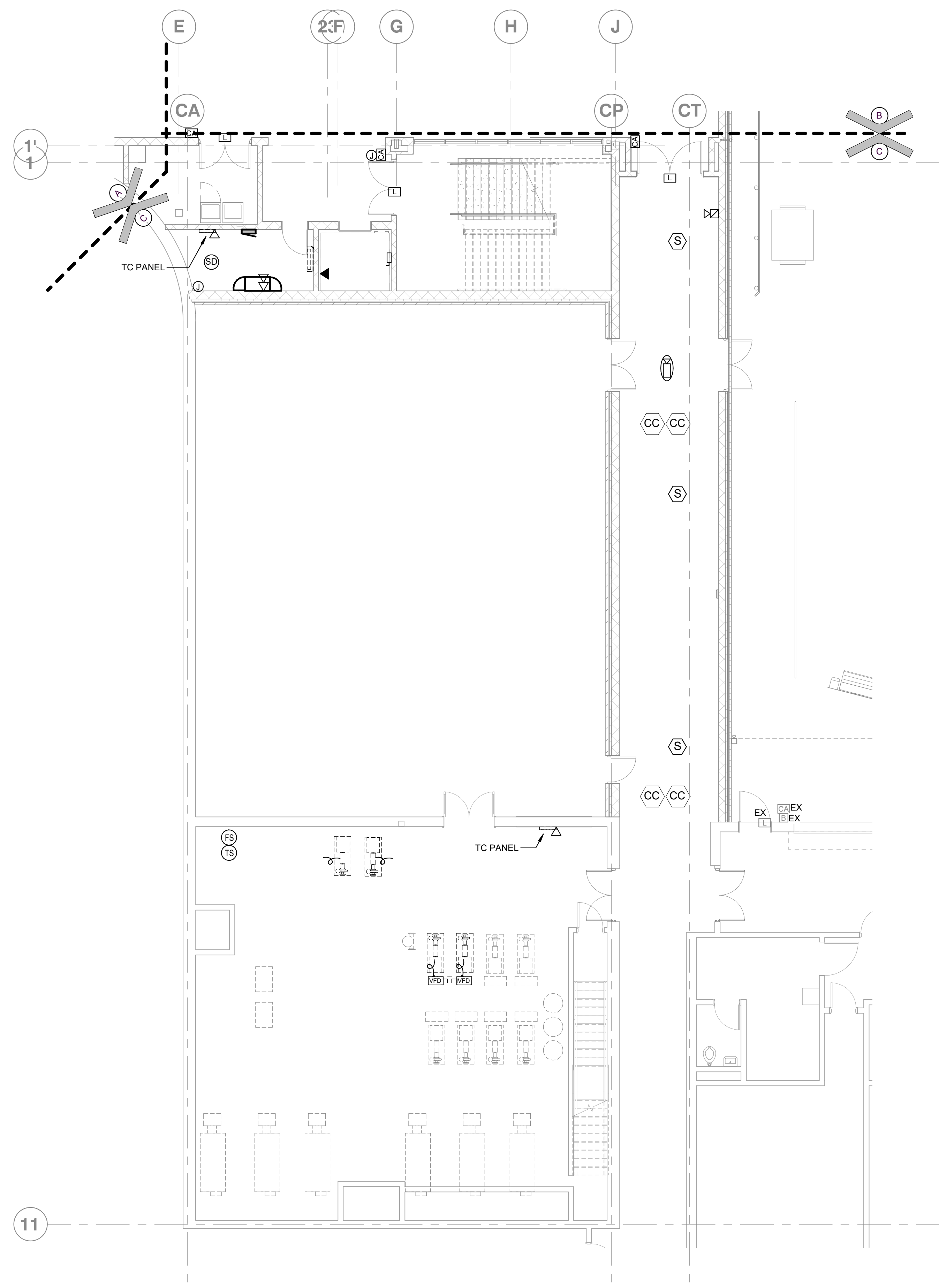
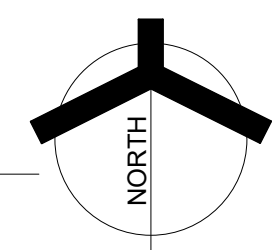
DRAWING
UNIT "B" AND "C" TECHNOLOGY
FIRST FLOOR PLAN

PROJECT
LOWELL HIGH SCHOOL
NATATORIUM ADDITION AND
RELATED WORK

© GIBRALTAR DESIGN SHEET
B T-102



1 UNIT "B" TECHNOLOGY FIRST FLOOR PLAN
T-102 1/8" = 1'-0"



2 UNIT "C" TECHNOLOGY FIRST FLOOR PLAN
T-102 1/8" = 1'-0"

