ADDENDUM NO. 4

October 2, 2023

Whiteland Community High School Phase 1
300 E. Main Street
Whiteland, IN 46184

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 August 11, 2023, by Lancer Associates Architecture. 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 Architects Addendum No. 4, dated September 29, 2023, consisting of three pages, Addendum Drawing Sheets: S102AGH, S103J, S103K, and S103L.

A. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 1 – GENERAL TRADES

Add the following Clarifications:

21. Wood blocking around openings that attach to metal studs/drywall will be by the **Bid Category No. 5 – Metal Studs, Drywall, and Acoustical Contractor**, and wood blocking around openings that attach to masonry will be by the **Bid Category No. 1 – General Trades Contractor.**

22. All window shades are to be manual.

E. BID CATEGORY NO. 5 – METAL STUDS, DRYWALL, AND ACOUSTICAL

Add the following clarifications:

11. Wood blocking around openings that attach to metal studs/drywall will be by the **Bid Category No. 5 – Metal Studs, Drywall, and Acoustical Contractor**, and wood blocking around openings that attach to masonry will be by the **Bid Category No. 1 – General Trades Contractor.**

LANCER ASSOCIATES ARCHITECTURE

ADDENDUM NO. FOUR

PROJECT: CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
PHASE 1: 3-STORY AND NATATORIUM ADDITION

PROJECT NUMBER: 22130

DATE OF ADDENDUM: September 29th, 2023

THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND IS ISSUED IN ACCORDANCE WITH THE INSTRUCTIONS TO BIDDERS. ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING THE ADDDENDUM ACKNOWLEDGMENT SECTION OF THE BID FORM.

QUESTIONS

Q1: Detail 1/S602 requires joist reinforcement for the full length of the Joist for existing Joists in Unit E. We have not been provided with Unit E framing plans and cannot determine with accuracy the length of the existing joists that require reinforcement. By looking at S103L, we could guess that the existing joist length is ~34'-8" long and that they frame into a column line somewhere North of Line 12, but we don't know if all of those joists across Units L, K & J frame into that same column line?
A: See addendum 4 attached drawings.

Q2: For the canopies, the spec lists Mapes as the manufacturer with flat soffit decking, however the details show more of a louvered sunscreen (no solid decking).
They also list an 8" flat fascia but the drawings show a c-channel.
Can you confirm what they want? If louvered, open to design or a specific louver material/size/shape etc?
A: louvered over windows, flat soffit above the doors.

Q3: For the Novawwall Stretch Fabric (097713), the specification calls for a 4" system, but on the drawings, it seems to indicate a 2" system. Can you please confirm the thickness?
A: On the north wall of the atrium space, 50% of 1" thickness and 50% of 2" thickness for the Novawall system will be used. On the south wall of the atrium space with a basic acoustic fabric wrapped panel with standard sizes. No 4" thick system for Novawall will be used.

Q4: Could you provide clarification on the cooling tower discharge. M301 note 21 calls out for the 1x1 wire mesh to be attached to 4'x4' metal channel. Also noted on M303. I`m assuming this is 4"x4" channel. Please verify.
A: The mesh is 1"x1", but there is a metal U-channel support grid on 48" centers to support the mesh.

Q5: Please confirm flat epoxy tops per section 125300 2.05 item A are acceptable at student workstations.
A: Acceptable

Q6: Addendum 3 confirmed the use of the MBCI designer series fluted panels system but I did not see an updated spec section for this product. Was the specs updated in addendum 3 for this system?
A: See addendum 3 under Specifications #3.

SPECIFICATIONS

1. Spec Section 07 95 13 Expansion Joint Covers:
    a. Add G&S Acoustics to 2.1.A as an approved equal.

DRAWINGS REVISIONS:

1. Drawing Number: S102AGH
   Drawing Title: EX. JOIST REINFORCING PLAN AND DETAILS
   Revision:

   Added length and depth of joists to be reinforced. All information will need to be verified in field.

2. Drawing Number: S103J
   Drawing Title: INTERMEDIATE ROOF & THIRD FLOOR FRAMING PLAN – UNIT J
   Revision:

   Updated Keyed Notes to provide quantity, length, and depth of joists to be reinforced. All information will need to be verified in field.

3. Drawing Number: S103K
   Drawing Title: INTERMEDIATE ROOF & THIRD FLOOR FRAMING PLAN – UNIT K
   Revision:

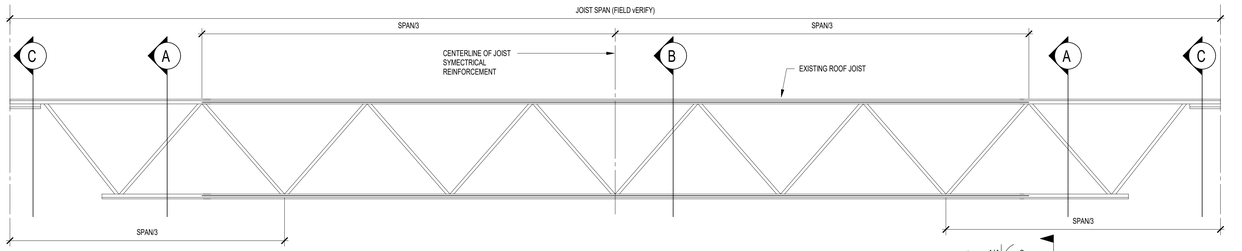
   Updated Keyed Notes to provide quantity, length, and depth of joists to be reinforced. All information will need to be verified in field.

   Drawing Number: S103L
   Drawing Title: INTERMEDIATE ROOF & THIRD FLOOR FRAMING PLAN – UNIT L
   Revision:

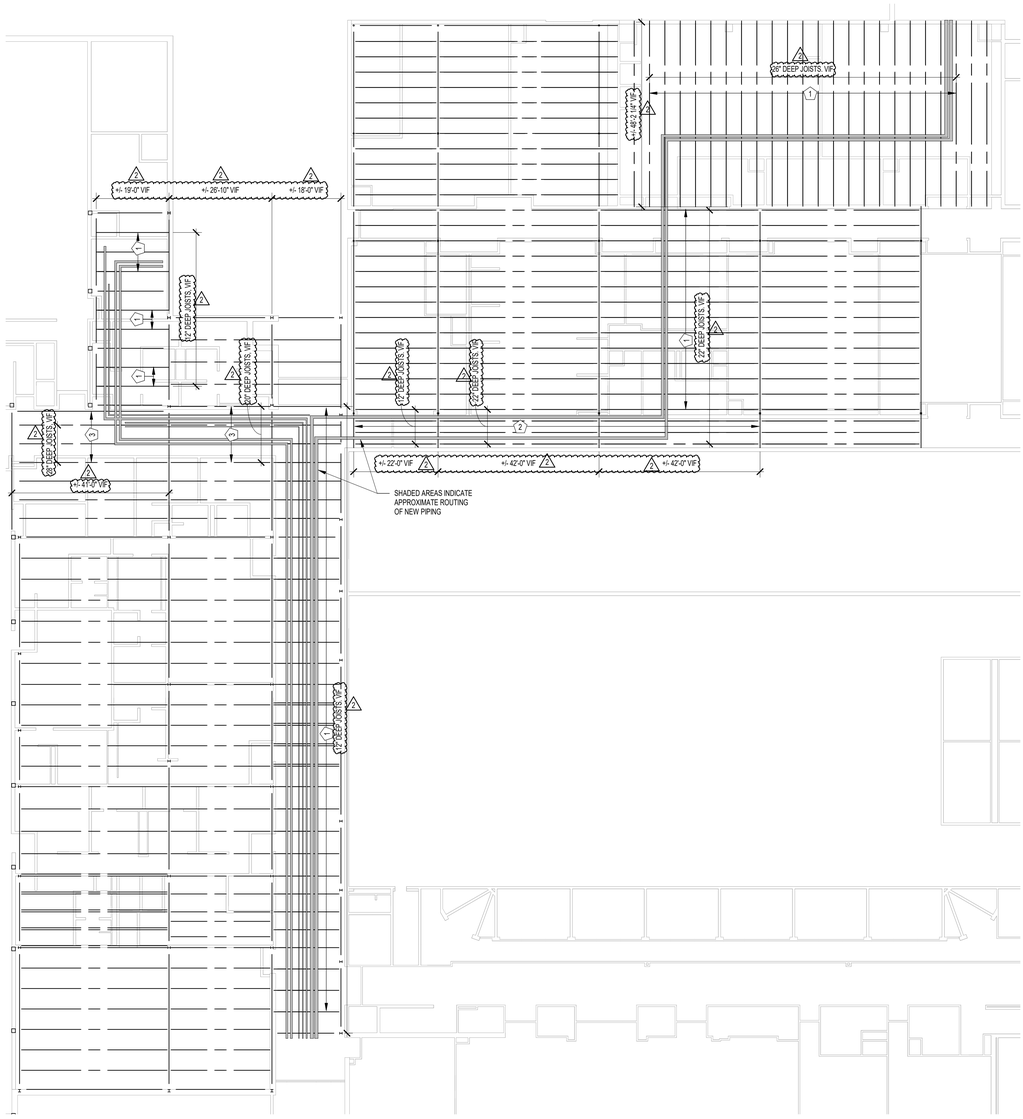
   Updated Keyed Notes to provide quantity, length, and depth of joists to be reinforced. All information will need to be verified in field.

Attachments: S102AGH, S103J, S103K, S103L

End of Addendum 4



2 S102AGH EX. JOIST REINFORCING DETAILS FOR PIPING
SCALE: 3/4" = 1'-0"



1 S102AGH EX. JOIST REINFORCING PLAN
SCALE: 1/16" = 1'-0"

KEYED NOTES - EX. FRAMING

1. NEW PIPING TO BE SUPPORTED OFF EACH JOIST ALONG THE RUN OF THE PIPE THROUGH THE EX. BUIDING JOISTS TO BE REINFORCED PER DETAILS 2/S102AGH & 4/S601.
2. EACH RUN OF PIPE TO BE SUPPORTED OF (2) DIFFERENT SETS OF JOISTS. REINFORCE PER 4/S601.
3. PIPING TO BE EVENLY SUPPORTED BY (4) JOISTS. REINFORCE PER 4/S601.

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

Lynch, Harrison & Brumleve, Inc.

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184

SCOTT A. CLORE
REGISTERED
PE10606154
STATE OF
INDIANA
PROFESSIONAL ENGINEER

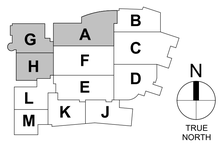
REVISIONS:

#	Date	Desc.
1	09-26-2023	Addendum 3
2	09-28-2023	Addendum 4

100% CONSTRUCTION DOCUMENT

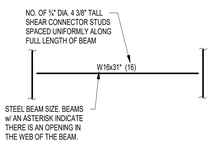
PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: DJL

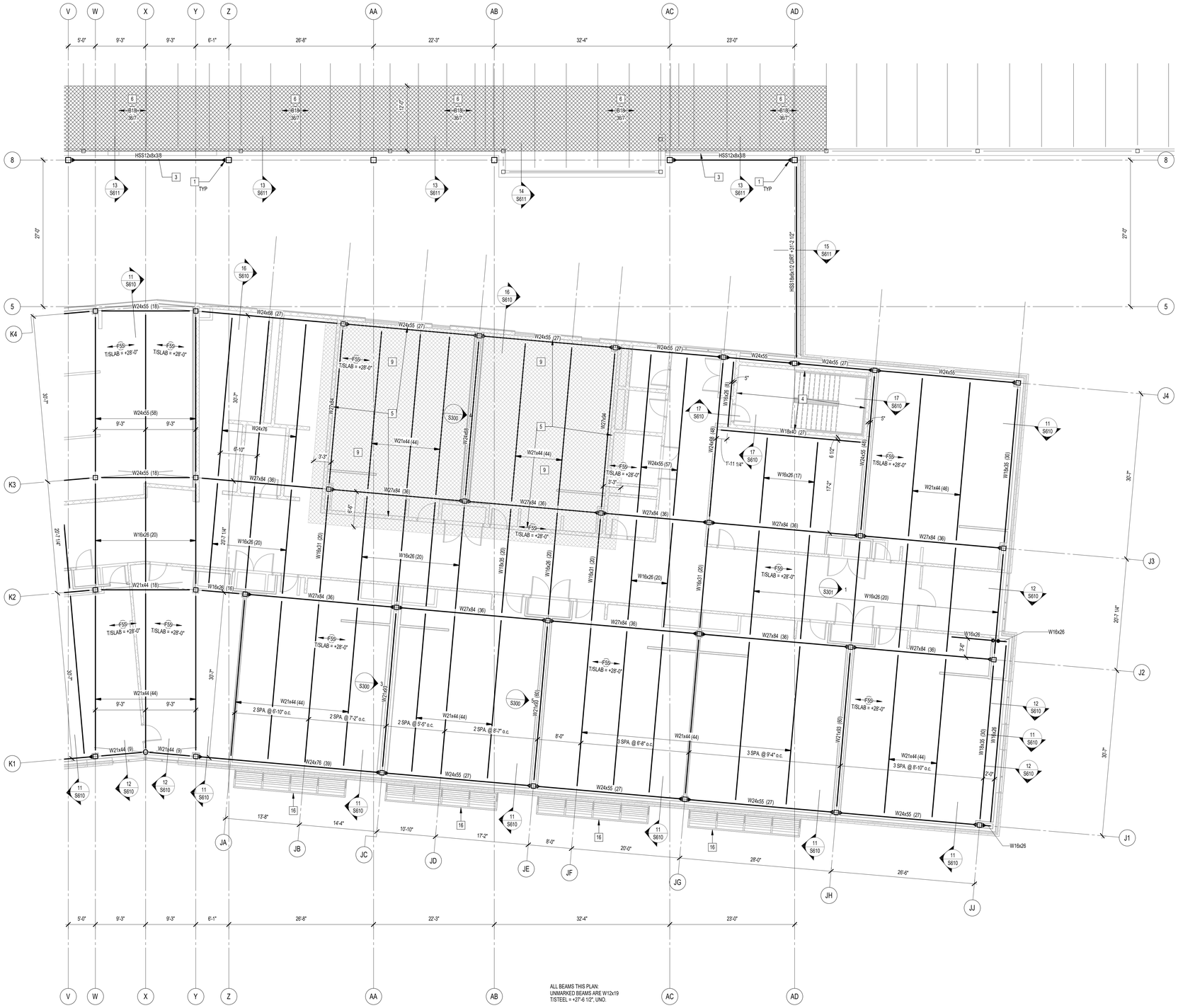
EX. JOIST REINFORCING PLAN AND DETAILS



1 S102AGH

PLOT DATE/TIME:9/28/2023 1:51:58 PM





KEYED NOTES - FRAMING

- 1 HSS TO HSS MOMENT CONNECTION TO BE A 3/8" FILLET WELD ALL AROUND. ERECTION AIDS MUST BE REMOVED. AESS 2.
- 2 HATCHED REGIONS INDICATES COLD-FORMED STEEL RAMP OVERBUILD TO BE DESIGN BE DELEGATED ENGINEER. FLOOR SHEATHING TO BE 3/4" PLYWOOD/OSB w/ GYPCRETE TOPPING PER ARCH DRAWINGS. COORDINATE EXTENTS WITH ARCHITECTURAL DRAWINGS
  DL = 20 PSF
  LL = 100 PSF
- 3 PROVIDE L8x4x7/16 LOOSE LINTEL
- 4 PROVIDE #5 BARS @ 32" o.c. GROUT ELEVATOR AND STAIR WALLS SOLID.
- 5 PROVIDE #5 BARS @ 32" o.c. GROUT THESE CLASSROOM WALLS SOLID.
- 6 EXISTING ROOF STRUCTURE TO BE REINFORCED. NEW 1.5B STEEL ROOF DECK TO BE FASTENED TO EXISTING STEEL ROOF DECK. 1.5B ROOF DECK w/ #12 TEK SCREWS. NEW DECK TO EXTEND 12' FROM SOUTH EDGE. FASTEN EVERY NEW DECK FLUTE TO EXISTING DECK FLUTE @ 36" o.c. SEE DETAIL ON S600. EXISTING JOISTS TO BE REINFORCED PER DETAIL 1/S602. STEEL BEAMS DO NOT REQUIRE REINFORCMENT.
  △2 BASED ON EXISTING DRAWINGS, THERE ARE (48)-24" DEEP JOISTS THAT ARE +/- 34'-8" LONG THAT WILL REQUIRE REINFORCMENT. JOISTS NOT IN THE SHADED AREA DO NOT REQUIRE REINFORCEMENT. QUANITIES, DEPTH, AND LENGTH WILL NEED TO BE VIF.
- 7 DASHED LINES INDICATE STEEL CHANNEL IN DECK FLUTES FOR MECHANICAL EQUIPMENT SUPPORT. CHANNELS ARE TO BE SPACED 48" o.c. MAX AND ARE TO EXTEND PAST EQUIPMENT SUPPORTS TO NEXT ADJACENT BEAM/JOIST.
- 8 FASTEN DECK TO BEAMS @ 8" o.c.
- 9 CROSS HATCHED ARES INDICATES THAT SLAB IS TO BE REINFORCED w/ #5 BARS @ 12" o.c. IN ADDITION TO WWF
- 11 10" CMU WALL w/ #7 BARS @ 8" o.c. GROUT WALL SOLID. PROVIDE BOND BEAMS @ 10'-0" o.c. AND HORIZONTAL LADDER REINF. @ 16" o.c.

KEYED NOTES - FRAMING - CONTINUED

- 12 10" CMU WALL w/ #7 BARS @ 16" o.c. GROUT WALL SOLID. PROVIDE BOND BEAMS @ 10'-0" o.c. AND HORIZONTAL LADDER REINF. @ 16" o.c.
- 13 10" CMU WALL w/ #7 BARS @ 32" o.c. GROUT WALL SOLID AT BAR LOCATIONS. PROVIDE BOND BEAMS @ 10'-0" o.c. AND HORIZONTAL LADDER REINF. @ 16" o.c.
- 14 DENOTES CENTERLINE OF BEAM OPENING. SEE BEAM OPENING SCHEDULE ON S602.
- 15 PROVIDE DOUBLE ANGLE CONNECTION
- 16 ALTERNATE: PRE-FABRICATED CANOPY BY SUPPLIER. CANOPY TO BE SUPPORTED BY COLD-FORM FRAMING. CANOPY SUPPLIER AND COLD-FORM FRAMING SUPPLIER TO COORDINATE LOADING AND LOCATIONS.
- 17 PRE-FABRICATED CANOPY BY SUPPLIER. CANOPY TO BE SUPPORTED BY COLD-FORM FRAMING. CANOPY SUPPLIER AND COLD-FORM FRAMING SUPPLIER TO COORDINATE LOADING AND LOCATIONS.

ALL BEAMS THIS PLAN:
UNMARKED BEAMS ARE W12x19
T/STEEL = +27'-6 1/2", UNO.

1/S103J THIRD FLOOR & INTERMEDIATE ROOF FRAMING PLAN - UNIT J

SCALE: 1/8" = 1'-0"

FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, & SCHEDULES.
2. 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.
3. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 0'-0" (U.S.G.S. 801.70). REF. CIVIL DWGS.
4. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
5. REF. S500 FOR TYPICAL MASONRY DETAILS
6. REF. S600, S601, & S602 FOR TYPICAL FRAMING DETAILS.
7. INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL ON S600.
8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAILS ON S600 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
9. INSTALL CONTINUOUS CONCRETE CURBS PER DETAIL S600 AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIONS BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS.
10. SLABS SHOULD SLOPE TO FLOOR DRAINS. COORDINATE WITH ARCHITECTURAL AND PLUMBING DRAWINGS FOR LOCATIONS OF FLOOR DRAINS.
11. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
12. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
13. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
14. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
15. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S600. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
16. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S600. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
17. PROVIDE CMU REINFORCING AS NOTED ON PLANS OR SECTIONS. IF NOT SHOWN ON PLANS OR SECTIONS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" o.c. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL #6 VERT'S. AT ENDS OF WALLS.
18. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
19. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
20. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
21. PLAN LEGEND:

F.F.	DENOTES FIN. FLOOR
T/'X'	DENOTES TOP OF STEEL, SLAB, ETC.
B/'X'	DENOTES BOTTOM OF LINTEL, ETC.
E.O.S. (or EOS)	DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL ON S600
E.O.L. (or EOL)	DENOTES EDGE OF ANGLE (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL ON S600
F45 T/SLAB = +11'-2"	DENOTES 2½", TORIS C, 20 GA. G90 GALVANIZED w/ EPIC'S NATACOAT SYSTEM, COMPOSITE DECK w/ 2" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL, TOTAL 't' = 4½". REF. DETAIL 1/S600.
F55 T/SLAB = +14'-0"	DENOTES 2", VLI, 18 GA. G60 GALVANIZED & PRIME-PAINTED, COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL, TOTAL 't' = 5½". REF. DETAIL 2/S600.
F65 T/SLAB = +14'-0"	DENOTES 3", VLI, 18 GA. G60 GALVANIZED & PRIME-PAINTED, COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF TOTAL 't' = 6½". REF. DETAIL 3/S600.
B20 36/7	DENOTES 1½", 20 GA. PRIME-PAINTED, WIDE RIB STEEL ROOF DECK. REF DETAIL 4/S600.
B18 36/7	DENOTES 1½", 18 GA. PRIME-PAINTED, WIDE RIB STEEL ROOF DECK. REF DETAIL 5/S600.
R25 24/4	DENOTES 2½" TORIS A, 20 GA. G90 GALVANIZED w/ EPIC'S NATACOAT SYSTEM, DOVETAIL ACOUSTICAL STEEL ROOF DECK. REF. DETAIL 6/S600.
▶—	DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S602.
●—	DENOTES BEAM-TO-BEAM MOMENT CONNECTION. REF. DETAILS ON S601.
☒ ⊗⊗⊗⊗	DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S600 FOR TYPICAL OPENING FRAMES. FOR MULTIPLE CLOSELY SPACED OPENINGS, TREAT AS ONE LARGE OPENING.

23. WIDE-FLANGE BEAM & GIRDER NOTATION:

REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.

TYPICAL COMPOSITE BEAM DIAGRAM

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

Lynch, Harrison & Brumleve, Inc.

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184

SCOTT A. CLORE
REGISTERED
PE10606154
STATE OF INDIANA
PROFESSIONAL ENGINEER

REVISIONS:

#	Date	Desc.
2	09-28-2023	Addendum 4

100% CONSTRUCTION DOCUMENT

PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: DJL

INTERMEDIATE ROOF & THIRD FLOOR FRAMING PLAN - UNIT J

S103J

PLOT DATE/TIME:9/28/2023 1:52:00 PM

KEYED NOTES - FRAMING

1. HSS TO HSS MOMENT CONNECTION TO BE A 3/8" FILLET WELD ALL AROUND. ERECTION AIDS MUST BE REMOVED. AESS 2
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4. PROVIDE #5 BARS @ 32" o.c. GROUT ELEVATOR AND STAIR WALLS SOLID.
5. PROVIDE #5 BARS @ 32" o.c. GROUT THESE CLASSROOM WALLS SOLID.
6. EXISTING ROOF STRUCTURE TO BE REINFORCED. NEW 1.5B STEEL ROOF DECK TO BE FASTENED TO EXISTING STEEL ROOF DECK. 1.5B ROOF DECK w/ #12 TEK SCREWS. NEW DECK TO EXTEND 12' FROM SOUTH EDGE. FASTEN EVERY NEW DECK FLUTE TO EXISTING DECK FLUTE @ 36" o.c. SEE DETAIL ON S600. EXISTING JOISTS TO BE REINFORCED PER DETAIL 1/S602. STEEL BEAMS DO NOT REQUIRE REINFORCEMENT.
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KEYED NOTES - FRAMING - CONTINUED

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FRAMING PLAN NOTES

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4. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
5. REF. S000 FOR TYPICAL MASONRY DETAILS
6. REF. S600, S601, & S602 FOR TYPICAL FRAMING DETAILS.
7. INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL ON S600.
8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAILS ON S600 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
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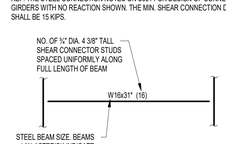
16. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S600. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
17. PROVIDE CMU REINFORCING AS NOTED ON PLANS OR SECTIONS. IF NOT SHOWN ON PLANS OR SECTIONS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" o.c. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL #6 VERT'S AT ENDS OF WALLS.
18. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
19. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
20. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
21. PLAN LEGEND:

F.F.	DENOTES FIN. FLOOR
T/'X'	DENOTES TOP OF STEEL, SLAB, ETC.
B/'X'	DENOTES BOTTOM OF LINTEL, ETC.
E.O.S. (or EOS)	DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL ON S600
E.O.L. (or EOL)	DENOTES EDGE OF ANGLE (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL ON S600
F45 T/SLAB = +11'-2"	DENOTES 2½" TORIS C, 20 GA. G90 GALVANIZED w/ EPIC'S NATACOAT SYSTEM, COMPOSITE DECK w/ 2" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL. TOTAL 'Y = 4½". REF. DETAIL 1/S600.
F55 T/SLAB = +14'-0"	DENOTES 2", VLI, 18 GA, G60 GALVANIZED & PRIME-PAINTED, COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL. TOTAL 'Y = 5½". REF. DETAIL 2/S600.
F65 T/SLAB = +14'-0"	DENOTES 3", VLI, 18 GA. G60 GALVANIZED & PRIME-PAINTED, COMPOSITE DECK w/ 3½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF TOTAL 'Y = 6½". REF. DETAIL 3/S600.
6/20 36/7	DENOTES 1½", 20 GA. PRIME-PAINTED, WIDE RIB STEEL ROOF DECK. REF DETAIL 4/S600.
6/18 36/7	DENOTES 1½", 18 GA. PRIME-PAINTED, WIDE RIB STEEL ROOF DECK. REF DETAIL 5/S600.
R25 24/4	DENOTES 2½" TORIS A, 20 GA. G90 GALVANIZED w/ EPIC'S NATACOAT SYSTEM, DOVETAIL ACOUSTICAL STEEL ROOF DECK. REF. DETAIL 6/S600.
	DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S602.
	DENOTES BEAM-TO-BEAM MOMENT CONNECTION. REF. DETAILS ON S601.
	DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S603 FOR TYPICAL OPENING FRAMES. FOR MULTIPLE CLOSELY SPACED OPENINGS, TREAT AS ONE LARGE OPENING.

23. WIDE-FLANGE BEAM & GIRDER NOTATION:

REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.



TYPICAL COMPOSITE BEAM DIAGRAM

ALL BEAMS THIS PLAN:
UNMARKED BEAMS ARE W12x19
T/STEEL = +27'-6 1/2", UNO.

1 S103K THIRD FLOOR & INTERMEDIATE ROOF FRAMING PLAN - UNIT K
SCALE: 1/8" = 1'-0"

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

Lynch, Harrison & Brumleve, Inc.

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184

SCOTT A. CLINE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

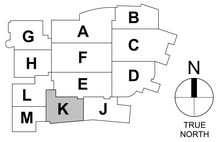
REVISIONS:	#	Date	Desc.
	2.	09-28-2023	Addendum 4

100% CONSTRUCTION DOCUMENT

PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: DJL

INTERMEDIATE ROOF & THIRD FLOOR FRAMING PLAN - UNIT K

S103K



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KEYED NOTES - FRAMING

1. HSS TO HSS MOMENT CONNECTION TO BE A 3/8" FILLET WELD ALL AROUND. ERECTION AIDS MUST BE REMOVED. AESS 2.
2. HATCHED REGIONS INDICATES COLD-FORMED STEEL RAMP OVERBUILD TO BE DESIGN BE DELEGATED ENGINEER. FLOOR SHEATHING TO BE 3/4" PLYWOOD/OSB w/ GYPCRETE TOPPING PER ARCH DRAWINGS. COORDINATE EXTENTS WITH ARCHITECTURAL DRAWINGS
   DL = 20 PSF
   LL = 100 PSF
3. PROVIDE L8x4x7/16 LOOSE LINTEL
4. PROVIDE #5 BARS @ 32" o.c. GROUT ELEVATOR AND STAIR WALLS SOLID.
5. PROVIDE #5 BARS @ 32" o.c. GROUT THESE CLASSROOM WALLS SOLID.
6. EXISTING ROOF STRUCTURE TO BE REINFORCED. NEW 1.5B STEEL ROOF DECK TO BE FASTENED TO EXISTING STEEL ROOF DECK. 1.5B ROOF DECK w/ #12 TEK SCREWS. NEW DECK TO EXTEND 12' FROM SOUTH EDGE. FASTEN EVERY NEW DECK FLUTE TO EXISTING DECK FLUTE @ 36" o.c. SEE DETAIL ON S600. EXISTING JOISTS TO BE REINFORCED PER DETAIL 1/S602. STEEL BEAMS DO NOT REQUIRE REINFORCMENT.
   (2) BASED ON EXISTING DRAWINGS, THERE ARE (48)-24" DEEP JOISTS THAT ARE +/- 34'-8" LONG THAT WILL REQUIRE REINFORCMENT. JOISTS NOT IN THE SHADED AREA DO NOT REQUIRE REINFORCEMENT. QUANITIES, DEPTH, AND LENGTH WILL NEED TO BE VIF.
7. DASHED LINES INDICATE STEEL CHANNEL IN DECK FLUTES FOR MECHANICAL EQUIPMENT SUPPORT. CHANNELS ARE TO BE SPACED 48" o.c. MAX AND ARE TO EXTEND PAST EQUIPMENT SUPPORTS TO NEXT ADJACENT BEAM/JOIST.
8. FASTEN DECK TO BEAMS @ 8" o.c.
9. CROSS HATCHED ARES INDICATES THAT SLAB IS TO BE REINFORCED w/ #5 BARS @ 12" o.c. IN ADDITION TO WWF
11. 10" CMU WALL w/ #7 BARS @ 8" o.c. GROUT WALL SOLID. PROVIDE BOND BEAMS @ 10'-0" o.c. AND HORIZONTAL LADDER REINF. @ 16" o.c.

KEYED NOTES - FRAMING - CONTINUED

12. 10" CMU WALL w/ #7 BARS @ 16" o.c. GROUT WALL SOLID. PROVIDE BOND BEAMS @ 10'-0" o.c. AND HORIZONTAL LADDER REINF. @ 16" o.c.
13. 10" CMU WALL w/ #7 BARS @ 32" o.c. GROUT WALL SOLID AT BAR LOCATIONS. PROVIDE BOND BEAMS @ 10'-0" o.c. AND HORIZONTAL LADDER REINF. @ 16" o.c.
14. DENOTES CENTERLINE OF BEAM OPENING. SEE BEAM OPENING SCHEDULE ON S602.
15. PROVIDE DOUBLE ANGLE CONNECTION
16. ALTERNATE: PRE-FABRICATED CANOPY BY SUPPLIER. CANOPY TO BE SUPPORTED BY COLD-FORM FRAMING. CANOPY SUPPLIER AND COLD-FORM FRAMING SUPPLIER TO COORDINATE LOADING AND LOCATIONS.
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FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, & SCHEDULES.
2. 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.
3. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 0'-0" (U.S.G.S. 801.70). REF. CIVIL DWGS.
4. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
5. REF. S500 FOR TYPICAL MASONRY DETAILS
6. REF. S600, S601, & S602 FOR TYPICAL FRAMING DETAILS.
7. INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL ON S600.
8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAILS ON S600 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
9. INSTALL CONTINUOUS CONCRETE CURBS PER DETAIL S600 AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIONS BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS.
10. SLABS SHOULD SLOPE TO FLOOR DRAINS. COORDINATE WITH ARCHITECTURAL AND PLUMBING DRAWINGS FOR LOCATIONS OF FLOOR DRAINS.
11. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
12. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
13. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
14. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
15. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S600. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
16. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S600. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
17. PROVIDE CMU REINFORCING AS NOTED ON PLANS OR SECTIONS. IF NOT SHOWN ON PLANS OR SECTIONS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" o.c. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL #6 VERT'S. AT ENDS OF WALLS.
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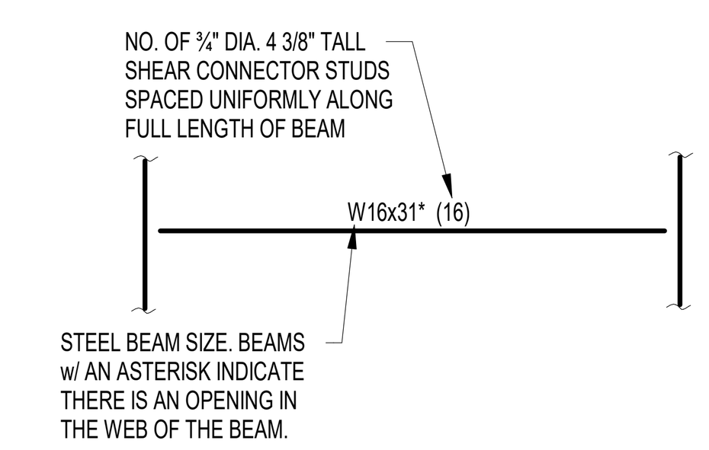
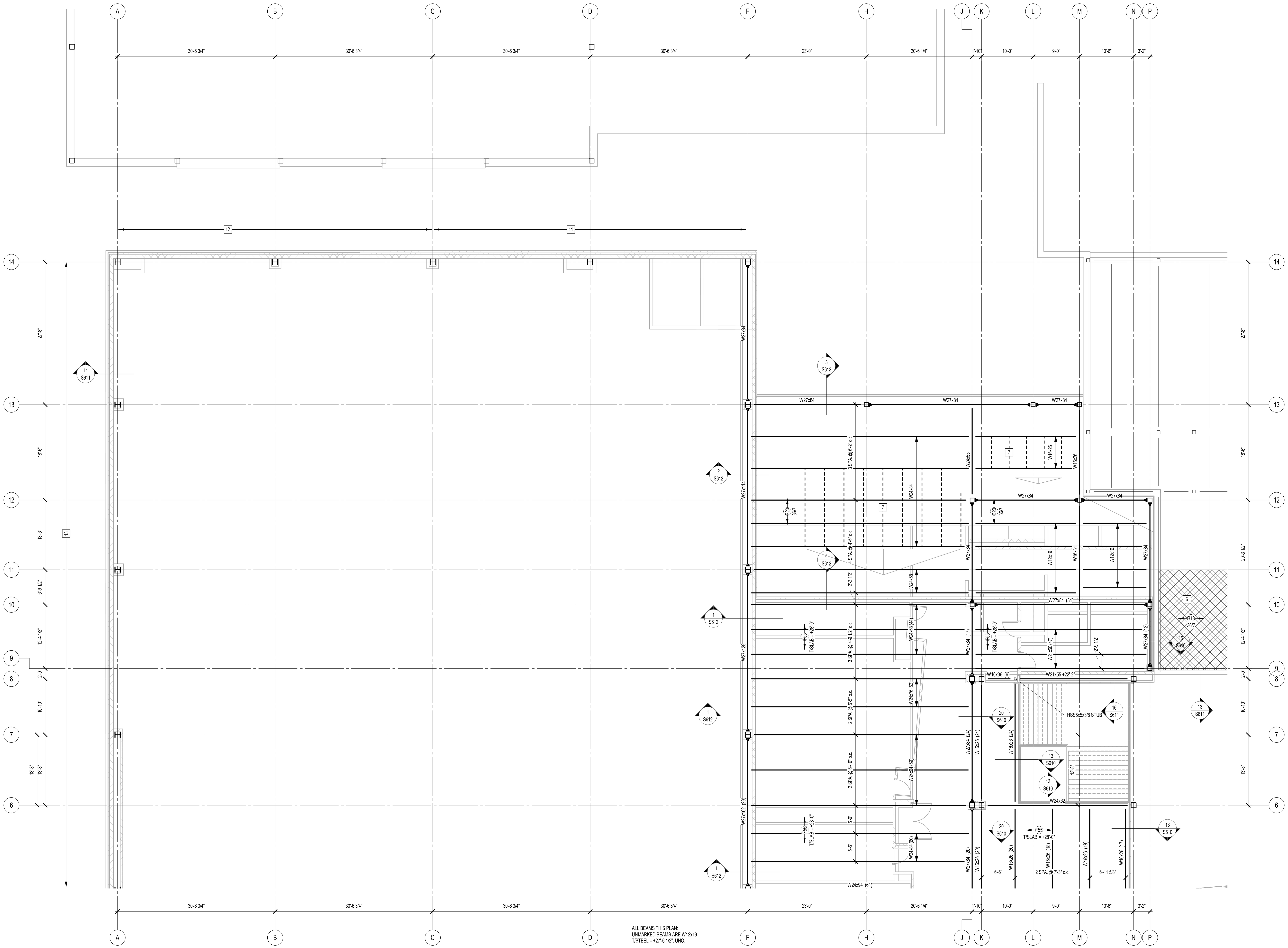


TYPICAL COMPOSITE BEAM DIAGRAM



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1 S103L THIRD FLOOR & INTERMEDIATE ROOF FRAMING PLAN - UNIT L
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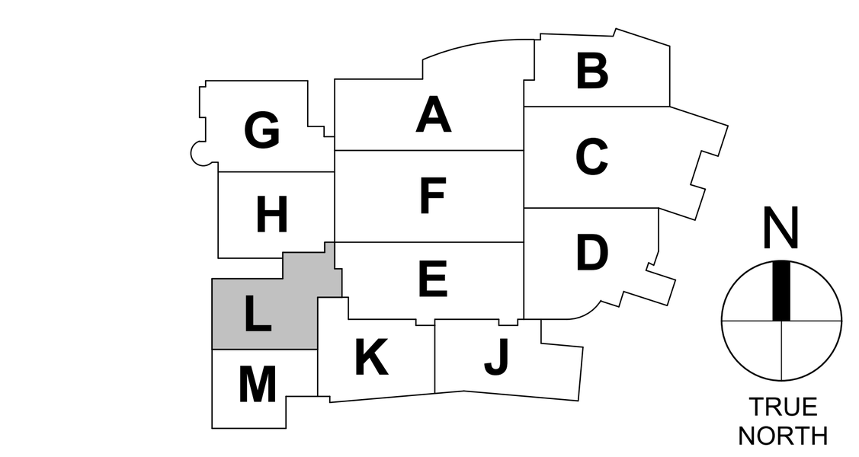

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REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS:

#	Date	Desc.
2	09-28-2023	Addendum 4

100% CONSTRUCTION DOCUMENT

PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: DJL

INTERMEDIATE ROOF & THIRD FLOOR FRAMING PLAN - UNIT L

S103L