

BID ADDENDUM NO. 3

Date of Addendum: January 18, 2024
Issued for Bid Date: December 18, 2022
Client Name: Eastchester Union Free School District
Project Name: 2022 Capital Bond Project, Phase 3
SED Project No.: Anne Hutchinson Elementary School: 66-03-01-03-0-001-023
Eastchester Middle / High School: 66-03-01-03-0-003-031
MEMASI Project No.: 102-2301
Contracts: Contract No. 1 – General Construction (GC)
Contract No. 2 – Mechanical Construction (MC)
Contract No. 3 – Electrical Construction (EC)
Contract No. 4 – Plumbing Construction (PC)

This Bid Addendum forms part of the Contract Documents and modifies the original Issued for Bid Documents dated December 18, 2023. Where provisions of the following supplementary information differ from those of the original Bid Documents, this Addendum shall govern and take precedence.

The Bid Documents are modified and clarified as follows:**Addenda to Specifications:****1. Section 001113 – ADVERTISEMENTS FOR BIDS**

- a. Notice to bidders. In the event that inclement weather closes school on the scheduled day of the bid opening, the bids will be opened at the same time the next day that school is in session.

2. Section 230100 – COMMON HVAC REQUIREMENTS

- a. Add sub-section, as follows: *“3.2 WARRANTY A. Except where more stringent requirements are indicated in the specifications, the following minimum warranty requirements shall apply to all work under this contract. All materials and workmanship shall be guaranteed for a period of one year from date of final acceptance of this work. Final acceptance shall be defined as the time at which the work is taken over and accepted by the owner, and is under care, custody, and control of the owner. Replace or repair promptly and assume responsibility for all expenses incurred for any workmanship and equipment in which defects develop within the warranty period, inclusive of parts and labor expenses, and inclusive of affected work of other trades. Provide supplemental warranty coverage where the contract warranty requirements exceed vendors’ standard warranties.”*

3. Section 232116 – HYDRONIC PIPING SPECIALTIES

- a. The following manufacturer shall be added to sub-section 2.2-C-1: *“Nutech Hydronic Specialty.”*

Addenda to Drawings:**1. MSHS S-100 - GENERAL NOTES, RTU FRAMING PLAN & DETAILS**

- a. Details were renumbered and page locations were corrected.
- b. For 1/S-100, Note 3 and 5 were deleted. For 2/S-100, Note 2 was deleted. For 3/S-100, notes 2,4,5, and 6 were deleted.
- c. For 1/S-100 and 2/S-100, “RTU” was changed to “CHILLER”, Notes 1 and 2 were corrected and Notes 6 and 7 were added to accommodate MEP openings.
- d. For 3/S-100, Notes 1 was corrected and Notes 3 and 4 were added to accommodate MEP

- openings.
 - e. 5/S-100 was added to clarify the dunnage design for Area A. Title for 6/S-100 was changed to distinguish from 5/S-100
 - f. 6/S-100 was edited for clarity.
 - g. 9/S-100 was added to show the bearing plate to bearing wall connection for Area A dunnage that was previously not defined. Title for 7/S-100 was changed to distinguish from 9/S-100.
2. **MSHS S-101 – STRUCTURAL SLEEVE**
 - a. Structural sleeves were resized to match sizes on MEP plans.
 3. **MSHS MD100-A – MECHANICAL DEMOLITION PART PLAN – BASEMENT – AREA A**
 - a. The boiler room area callout reference shall be changed from “MSHS MD301” to “MSHS MD300”.
 4. **MSHS MD100-B – MECHANICAL DEMOLITION PART PLAN – BASEMENT – AREA B**
 - a. The boiler room area callout reference shall be revised from “MSHS MD302” to “MSHS MD301”.
 5. **MSHS M100-A – MECHANICAL PART PLAN – BASEMENT – AREA A**
 - a. The boiler room area callout reference shall be revised from “MSHS M301” to “MSHS M300”.
 - b. The drawing shall be revised to indicate the removal and replacement/re-routing of 25 linear feet of 32x12 ductwork and 6 square vaned elbows in Water Service Room B05, along with removal and replacement of associated duct hangers, R-6 rigid board fiberglass duct insulation, and labels.
 6. **MSHS M100-B – MECHANICAL PART PLAN – BASEMENT – AREA B**
 - a. The boiler room area callout reference shall be revised from “MSHS M302” to “MSHS M301”.
 7. **MSHS M102-C – MECHANICAL PART PLAN – 2ND FLOOR – AREA C**
 - a. The drawing was revised to indicate modified duct and pipe routing in the gymnasium mechanical penthouse.
 8. **MSHS M300 – MECHANICAL PART PLAN – MIDDLE SCHOOL BOILER ROOM**
 - a. The drawing shall be revised to add hot water supply and return cross-over piping between the new dual-temperature system and existing heating-only hot water system, along with associated control valves and BMS controls.
 - b. The drawing shall be revised to indicate that the 6” combustion air intake for the domestic hot water heater shall turn up outdoors with a 90° elbow, rise up racked to the exterior wall, and terminate 5’ above the adjacent building with two 90° elbows.
 - c. The drawing shall be revised to indicate that the 6” vent for the domestic hot water heater shall turn up outdoors with a 90° elbow, rise up racked to the exterior wall, and terminate 5’ above the adjacent building.
 9. **MSHS M601 – MECHANICAL SCHEDULES**
 - a. The following note shall be added to the RTU schedule: *“2. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING MANUFACTURERS: TRANE (BASIS OF DESIGN); CARRIER, DAIKIN MCQUAY, JOHNSON CONTROLS, OR AAON. FOR MANUFACTURERS WHICH ARE NOT THE “BASIS OF DESIGN”, REFER TO SPECIFICATION DIVISION 01 “PRODUCT SUBSTITUTION PROCEDURES” FOR ADDITIONAL SUBMITTAL AND COORDINATION REQUIREMENTS.”*
 - b. The following note shall be added to the RTU schedule: *“3. PROVIDE A 5-YEAR WARRANTY FOR COMPRESSORS AND REFRIGERATION SYSTEMS, PARTS AND LABOR.”*
 10. **MSHS E100-A – ELECTRICAL POWER PART PLAN – BASEMENT – AREA A**
 - a. The drawing shall be revised to add (4) tamper switches at the RPZ backflow preventor, (4) tamper switches for the DCDA backflow preventor, and (1) monitoring module for the alarm check valve, all tied-in to the building fire alarm system. Refer to plumbing plans for exact locations of the RPZ, DCDA, and alarm check valve.
 - b. The drawing shall be revised to (1) 120v feeder with breaker to a solenoid valve at the RPZ backflow preventor. Refer to plumbing plans for exact location of the solenoid valve.
 11. **MSHS E100-A – ELECTRICAL POWER PART PLAN – BASEMENT – AREA B**
 - a. The drawing shall be revised to add (4) tamper switches at the RPZ backflow preventor, (4)

- tamper switches for the DCDA backflow preventor, and (1) monitoring module for the alarm check valve, all tied-in to the building fire alarm system. Refer to plumbing plans for exact locations of the RPZ, DCDA, and alarm check valve.
- b. The drawing shall be revised to (1) 120v feeder with breaker to a solenoid valve at the RPZ backflow preventor. Refer to plumbing plans for exact location of the solenoid valve.
- 12. MSHS P100-A – PLUMBING DEMOLITION PART PLAN – BASEMENT – AREA A**
- a. The drawing shall be revised to indicate that the RPZ will be changed to *“WATTS SERIES LF957-FS WITH WATTS SERIES LFF113FP FLOOD PROTECTION SHUTDOWN CONTROL VALVE”*.
- 13. MSHS P100-B – PLUMBING DEMOLITION PART PLAN – BASEMENT – AREA B**
- a. The drawing shall be revised to indicate that the RPZ will be changed to *“WATTS SERIES LF957-FS WITH WATTS SERIES LFF113FP FLOOD PROTECTION SHUTDOWN CONTROL VALVE”*.
- 14. MSHS P601 – PLUMBING SCHEDULES**
- a. The drawing shall be revised to indicate that the existing sump pit at the High School boiler room shall remain, and the replacement sewage ejector pump package manufacturer and model shall be changed to *“FLYGT MODEL N, DUPLEX PUMPING ARRANGEMENT, RATED FOR 150 GPM PER PUMP AT 25 FT TDH, CAPABLE OF 30 STARTS PER HOUR, AND CAPABLE OF RUNNING DRY”*.
- 15. MSHS P701 – PLUMBING DETAILS**
- a. The drawing shall be revised to indicate that both RPZs will be changed to *“WATTS SERIES LF957-FS WITH WATTS SERIES LFF113FP FLOOD PROTECTION SHUTDOWN CONTROL VALVES”*.

Responses to RFI:

1. See attached RFI and responses.

Attachments:

Drawings:

MSHS S100
MSHS S101
MSHS M102-C
MSHS M300

Responses to RFI's:

ACS RFI #001.
All Bright RFI #5.
All State Electrical RFI #01
Bertussi Contracting RFI #009.
Icon RFI #005.
Lombardo RFI #03, 04, 05, 06, and 07.
UniMak LLC RFI #01

END OF BID ADDENDUM NO. 3

GENERAL STRUCTURAL NOTES

1. ALL WORK SHALL CONFORM TO THE CODE & REFERENCE STANDARDS LISTED BELOW.

2. THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL, M/E/P/S DRAWINGS (INCLUDING ALL CONTRACT SHOP DRAWINGS) AND EQUIPMENT MANUFACTURERS TO ENSURE THAT OPENINGS, ANCHORS, INSERTS, SLEEVES, ATTACHMENTS, ETC. ARE PROVIDED AS REQUIRED. SOME OF THE DETAILS OF THE WORK ARE SHOWN ON THESE DRAWINGS SHOULD BE CAREFULLY REVIEWED BY THE CONTRACTOR TO FULLY COMPREHEND THE FULL SCOPE OF WORK.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND COORDINATING ALL DIMENSIONS WITH THE ARCHITECTURAL AND M/E/P/S DRAWINGS. IN CASE OF CONFLICT, THE CONTRACTOR SHALL IMMEDIATELY REQUEST A CLARIFICATION FROM THE ARCHITECT/ENGINEER.

4. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO THE FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER.

5. IF ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THE DRAWINGS AND/OR CONDITIONS SPECIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER AND SHALL NOT PROCEED WITH ANY WORK THAT WOULD BE AFFECTED UNTIL FORMALLY DIRECTED BY THE ARCHITECT/ENGINEER ON HOW TO PROCEED.

6. THE CONTRACTOR SHALL MAKE NO DEVIATION FROM THE DESIGN DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT/ENGINEER.

7. IN CASE OF CONFLICT BETWEEN NOTES, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.

8. THIS STRUCTURE HAS BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER CONSTRUCTION OF THE STRUCTURE HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. LACK OF COMMENT BY THE ARCHITECT/ENGINEER IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE ASPECTS OF WORK.

9. INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISLAIRED OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. IF FAULTY CONSTRUCTION PROCEDURES OR MATERIALS RESULT IN DEFECTIVE WORK THAT REQUIRES ADDITIONAL ENGINEERING TIME TO DEVISE CORRECTIVE MEASURE, PROFESSIONAL FEES MAY BE CHARGED TO THE CONTRACTOR AT THE STANDARD HOURLY RATE OF ADDITIONAL SERVICES. SUCH FEES MAY BE WITHHELD FROM THE GENERAL CONTRACTOR'S PAYMENT.

10. DO NOT SCALE DRAWINGS.

BUILDING CODE & REFERENCED STANDARDS

- 1. 2020 NEW YORK STATE BUILDING CODE
2. ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.

DESIGN CRITERIA

Table with 2 columns: LOAD, PER MATERIAL. Includes Dead Loads, Floor Live Loads, Roof Live Load.

Table with 2 columns: LOAD, PER MATERIAL. Includes Snow Loads, Wind Loads, Ultimate Design Wind Speed, Risk Category, Exposure Category, Internal Pressure Coefficient.

Table with 2 columns: LOAD, PER MATERIAL. Includes Wind Loads, Ultimate Design Wind Speed, Risk Category, Exposure Category, Internal Pressure Coefficient.

SPECIAL INSPECTIONS
THE FOLLOWING WORK ITEMS REQUIRE SPECIAL INSPECTIONS IN ACCORDANCE WITH APPLICABLE BUILDING CODE SECTION NOTED.

Table with 2 columns: ITEM, CODE SECTION. Includes Steel Construction, Structural Steel.

STRUCTURAL STEEL

- 1. STRUCTURAL STEEL SHAPES SHALL HAVE THE FOLLOWING PROPERTIES: WIDE FLANGE, ANGLES & CHANNELS, PLATES, HOLLOW STRUCTURAL SHAPES.

2. SHOP DRAWINGS PREPARED UNDER THE SUPERVISION OF A LICENSED STRUCTURAL ENGINEERING, INCLUDING COMPLETE DETAILS FOR THE FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBERS, PROCEDURES AND DIAGRAMS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE STEEL FABRICATOR SHALL BE ALSO QUALITY CERTIFIED CATEGORY 1 OR 2.

3. ALL BOLTS SHALL BE 3/4" @ MIN. TYPE-X U.N.O. AND CONFORM TO ASTM A325. BOLTS SHALL BE HEAVY HEX WIT HEAVY HEX NUTS AND PLAIN HARDENED WASHERS CONFORMING TO ASTM F436.

4. WHERE CONNECTIONS ARE NOT SPECIFICALLY DETAILED ON THE DRAWINGS, CONNECTIONS SHALL BE DESIGNED BY THE STEEL DETAILER/FABRICATORS LICENSED PROFESSIONAL ENGINEER. SEE STEEL DETAIL SHEETS FOR ADDITIONAL INFO.

5. WHERE STEEL MEMBERS ARE SPECIFIED TO BE SPLICED, THE SPLICE SHALL BE DESIGNED BY THE STEEL DETAILER TO DEVELOP THE FULL CAPACITY OF THE SECTION UNLESS FORCES AT THE SPLICE LOCATION ARE SPECIFIED ON THE DRAWINGS. SUCH SPLICES SHALL NOT INTERFERE WITH ANY ARCHITECTURAL OR MECHANICAL CLEARANCES. ALL SPLICE DETAILS AND LOCATIONS SHALL BE SHOWN ON THE SHOP DRAWINGS. WHERE SPLICES NOT SPECIFIED ON THE DRAWINGS ARE PROPOSED BY THE CONTRACTOR, THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE ENGINEER.

6. ALL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", LATEST EDITIONS.

7. ALL BOLTING SHALL CONFORM TO THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS' SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", LATEST EDITIONS.

8. ALL WELDING SHALL CONFORM TO AWS CODE D1.1 "STRUCTURAL WELDING CODE - STEEL", LATEST EDITION.

9. ALL STRUCTURAL STEEL SHALL BE CLEANED IN ACCORDANCE WITH THE STEEL STRUCTURES PAINTING COUNCIL SPECIFICATION SP-3-82 FOR POWER TOOL CLEANING AND PAINTED TO A MINIMUM DRY FILM THICKNESS OF 2 MILS WITH A SHOP COAT OF TNEMC #10-99 ALKYL RUST INHIBITIVE PRIMER AS MANUFACTURED BY TNEMC COMPANY, INC. KANSAS CITY, MO, OR APPROVED EQUAL.

10. ALL STRUCTURAL STEEL PLATES, BOLTS, NUTS, WASHERS, ETC. AS PART OF EXPOSED EXTERIOR STEEL DUNNAGE OR OTHER MEMBERS NOTED ON THE DRAWINGS TO BE GALVANIZED SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION CONFORMING TO ASTM A123 AND A153. TRIMMED ENDS OF STEEL AND DISTURBED SURFACES SHALL RECEIVE A BASE COAT OF Z.R.C. COLD GALVANIZING COMPOUND MANUFACTURED BY Z.R.C. CHEMICAL PRODUCTS INC., QUINCY, MA, OR EQUAL AND A TOP COAT OF ALUMINUM BASED PAINT.

11. ALL GROUT FOR BASE PLATES AND ANCHOR BOLTS SHALL BE NON-METALLIC AND OF NON-SHRINKAGE TYPE WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS.

12. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION CONFORMING TO ASTM A123 & A153.

13. ALL BEAMS AND COLUMNS ADJACENT TO MASONRY SHALL HAVE DOVETAIL ANCHORS AT 1'-4" O.C. MAXIMUM OR THE EQUIVALENT INSTALLED UNLESS OTHERWISE NOTED ON THE DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS.

14. REFER TO THE ARCHITECTURAL AND M/E/P/S DRAWINGS FOR OTHER REQUIRED MISCELLANEOUS STEEL.

15. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY GUYING AND BRACING ALL STRUCTURAL STEEL TO MAINTAIN SAFETY, STABILITY AND ALIGNMENT DURING ALL PHASES OF CONSTRUCTION, AND SPECIFICALLY DURING CONCRETE OPERATIONS. SUCH GUYING AND BRACING SHALL REMAIN IN PLACE UNTIL THE STRUCTURE HAS ATTAINED ADEQUATE STRENGTH.

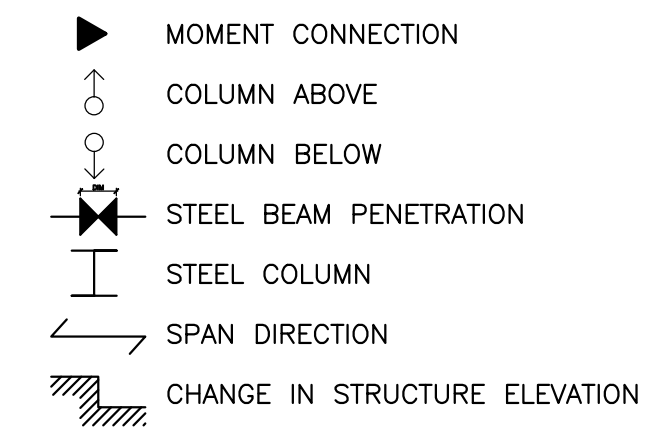
16. ALL STRUCTURAL STEEL WORK SHALL BE INSPECTED BY A LICENSED CERTIFIED TESTING AGENCY HIRED BY THE OWNER. ALL INSPECTIONS SHALL BE IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND GENERALLY ACCEPTED INDUSTRY PRACTICE. THE CONTRACTOR SHALL PROVIDE CERTIFIED LABORATORY MATERIAL CERTIFICATES FOR EACH DELIVERY OF MATERIAL BROUGHT TO THE SITE. CERTIFIED REPORTS PREPARED BY THE TESTING AGENCY SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW THAT ATTEST TO THE COMPLETENESS AND ADHERENCE OF THE WORK TO THE CONTRACT DOCUMENTS BY THE CONTRACTOR.

17. CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATORS LICENSED PROFESSIONAL ENGINEER. CONNECTION DESIGN IS NOT INCLUDED IN RTE SCOPE OF WORK.

STRUCTURAL ABBREVIATIONS

- A.B.=ANCHOR BOLT
-B.=BOTTOM
-BI.=BOTTOM OF
-BM.=BEAM
-BRG.=BEARING
-BLK.=BLOCK
-B.O.F.=BOTTOM OF FOUNDATION
-BOT.=BOTTOM
-B.P.=BASE PLATE
-BRKT.=BRACKET
-CANT.=CANTILEVER
-C.I.P.=CAST-IN-PLACE
-CLR.=CLEAR
-COL.=COLUMN
-CONC.=CONCRETE
-C.M.U.=CONCRETE MASONRY UNIT
-CONST.JT.=CONSTRUCTION JOINT
-CONT.=CONTINUOUS
-C.J.=CONTROL JOINT
-DEPR.=DEPRESSION
-DET.=DETAIL
-D.L.=DEVELOPMENT LENGTH
-DIA.=DIAMETER
-DIM.=DIMENSION
-DIR.=DIRECTION
-DWLS.=DOWELS
-E.=EACH
-E.E.=EACH END
-E.F.=EACH FACE
-E.J.=EXPANSION JOINT
-E.S.=EACH SIDE
-EQ.=EQUAL
-E.W.=EACH WAY
-EXIST.=EXISTING
-EXST.=EXISTING
-EXP.BOLT.=EXPANSION BOLT
-EXP.JT.=EXPANSION JOINT
-F.F.=FAR FACE
-FI.=FINISH
-FL.=FLOOR
-FITG.=FOOTING
-FND.=FOUNDATION
-GALV.=GALVANIZED
-GA.=GAUGE
-GR.=GRADE
-G.B.=GRADE BEAM
-G.P.=GUSSET PLATE
-HI.=HIGH
-H.L.=HUNG LINTEL
-HT.=HEIGHT
-H.P.=HIGH POINT
-H.S.=HIGH STRENGTH
-H.E.F.=HORIZONTAL EACH FACE
-H.I.F.=HORIZONTAL INSIDE FACE
-H.O.F.=HORIZONTAL OUTSIDE FACE
-HOR.=HORIZONTAL
-IN.=INCH
-I.D.=INSIDE DIAMETER
-INV.=INVERT
-JT.=JOINT
-JST.=JOIST
-K.=KIP (1000 POUNDS)
-LO.=LOW

STRUCTURAL SYMBOLS



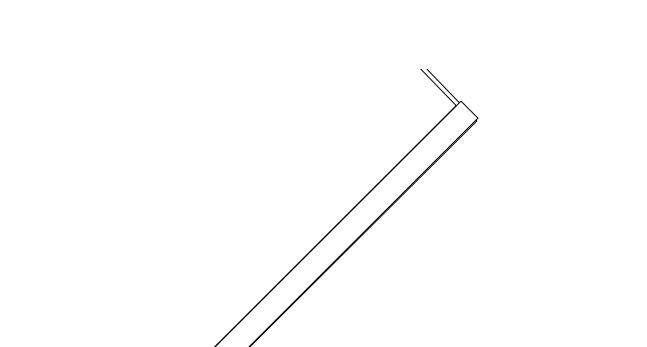
STRUCTURAL SYMBOLS



STRUCTURAL SYMBOLS



STRUCTURAL SYMBOLS



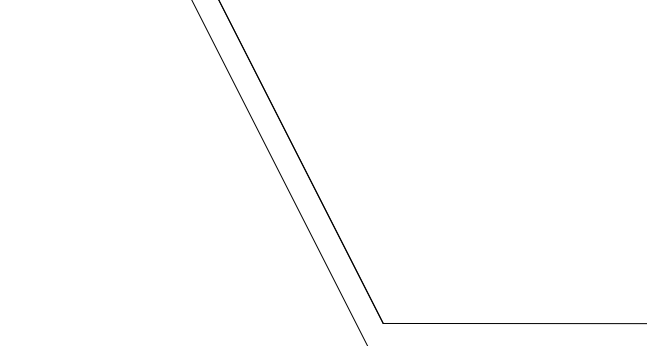
STRUCTURAL SYMBOLS



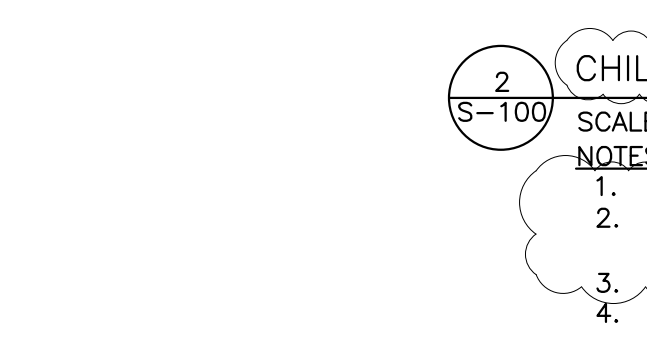
STRUCTURAL SYMBOLS



STRUCTURAL SYMBOLS



STRUCTURAL SYMBOLS



STRUCTURAL SYMBOLS



- L.W.=LIGHT WEIGHT
-L.W.C.=LIGHT WEIGHT CONCRETE
-L.L.V.=LONG LEG VERTICAL
-L.P.=LOW POINT
-MAS.=MASONRY
-MTL.=METAL
-NF.=NEAR FACE
-N.W.C.=NORMAL WEIGHT CONCRETE
-N.L.C.=NOT IN CONTRACT
-O.C.=ON CENTER
-O.D.=OUTSIDE DIAMETER
-OPNG.=OPENING
-P.C.=PILE CAP
-PL.=PLATE
-PT.=POINT
-P.T.=PRESSURE-TREATED
-PVC.=POLYVINYL CHLORIDE
-PSF.=POUNDS PER SQUARE FOOT
-PSI.=POUNDS PER SQUARE INCH
-R.=RADIUS
-REIN.=REINFORCED
-RETG.=RETAINING
-RET.=RETURN
-RE.=RIGHT END
-SECT.=SECTION
-S.C.=SHEAR CONNECTOR
-SHT.=SHEET
-S.L.V.=SHORT LEG VERTICAL
-SIM.=SIMILAR
-S.O.G.=SLAB ON GRADE
-S.L.=SPlice LENGTH
-SQ.=SQUARE
-STD.=STANDARD
-STL.=STEEL
-S.D.I.=STEEL DECK INSTITUTE
-S.F.=STEP FOOTING OR SQUARE FOOT
-STIFF.=STIFFENER
-STR.=STRUCTURAL
-SUP.=SUPPORT
-SYM.=SYMMETRICAL
-THK.=THICK OR THICKNESS
-THRD.=THREADED
-T&B.=TOP AND BOTTOM
-T.=TOP
-T/=TOP OF
-T.O.=TOP OF
-T.O.C.=TOP OF CONCRETE
-T.O.F.=TOP OF FOUNDATION
-T.O.S.=TOP OF STEEL
-T.O.W.=TOP OF WALL
-TYP.=TYPICAL
-U.N.O.=UNLESS NOTED OTHERWISE
-U.O.U.=UNLESS OTHERWISE NOTED
-US.=UNDERSIDE
-V.E.F.=VERTICAL EACH FACE
-V.I.F.=VERTICAL INSIDE FACE
-V.O.F.=VERTICAL OUTSIDE FACE
-W.W.F.=WELDED WIRE FABRIC
-W.W.M.=WELDED WIRE MESH
-W.=WITH
-W.P.=WORKING POINT

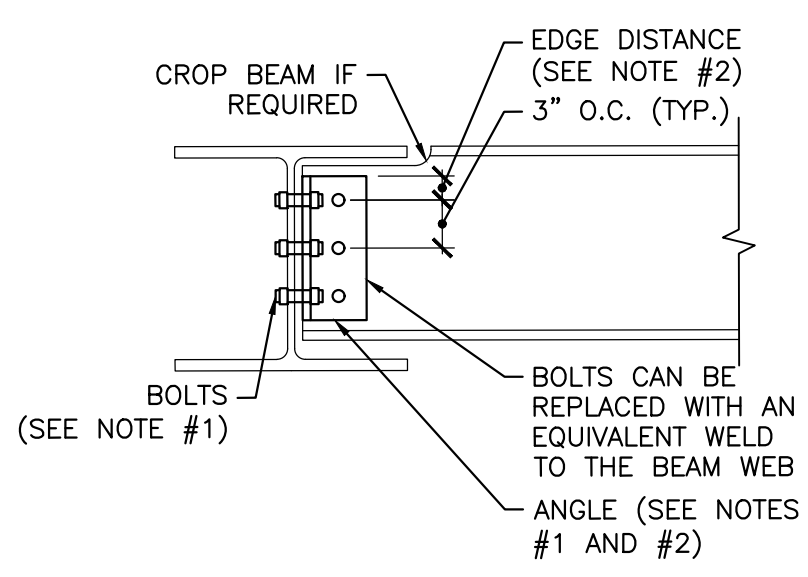
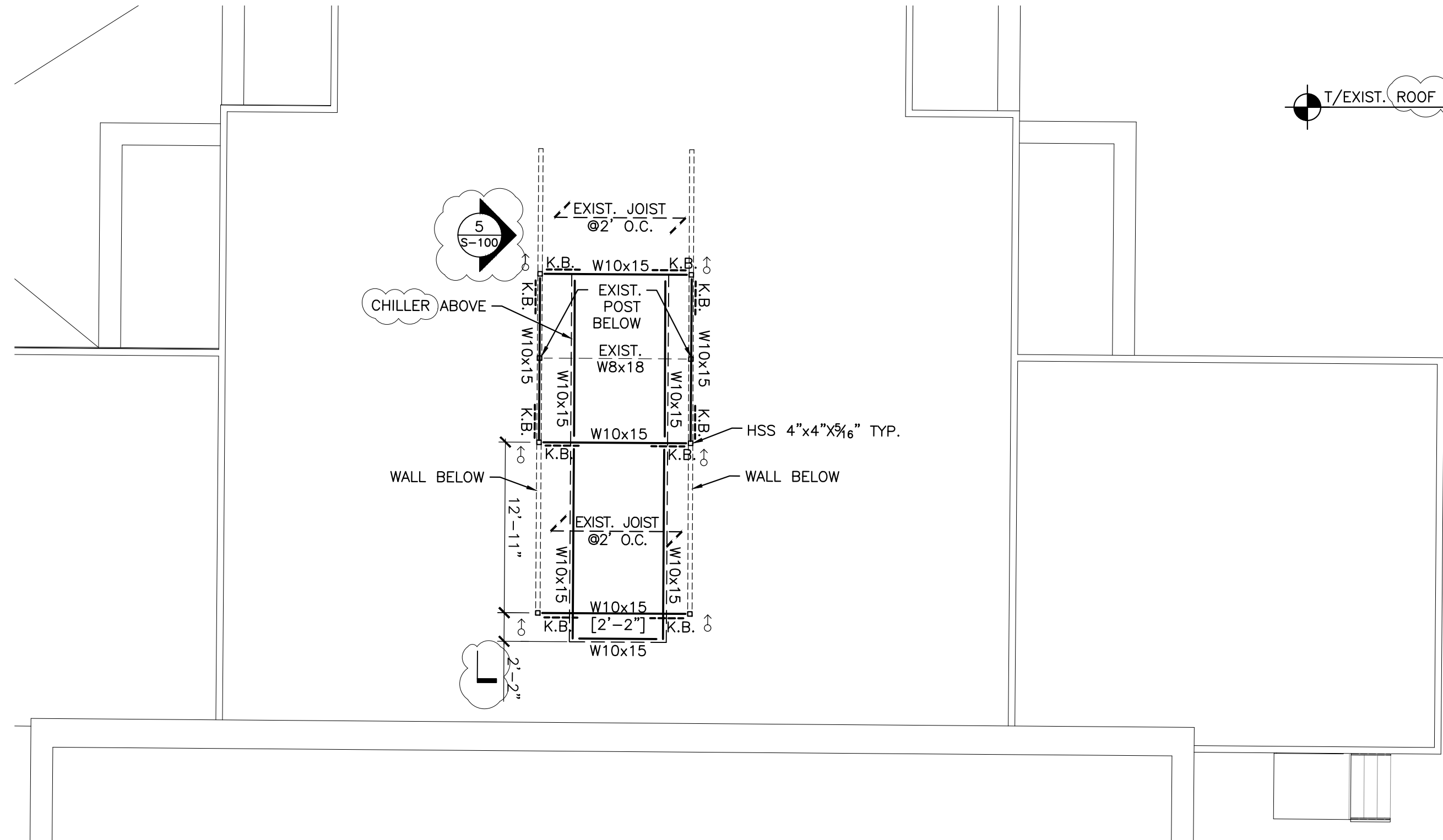


Table with 3 columns: BEAM SIZE, DOUBLE ANGLE THICKNESS x, # OF A325N 3/4" BOLTS. Shows W10, 1/2" x 6", 3.

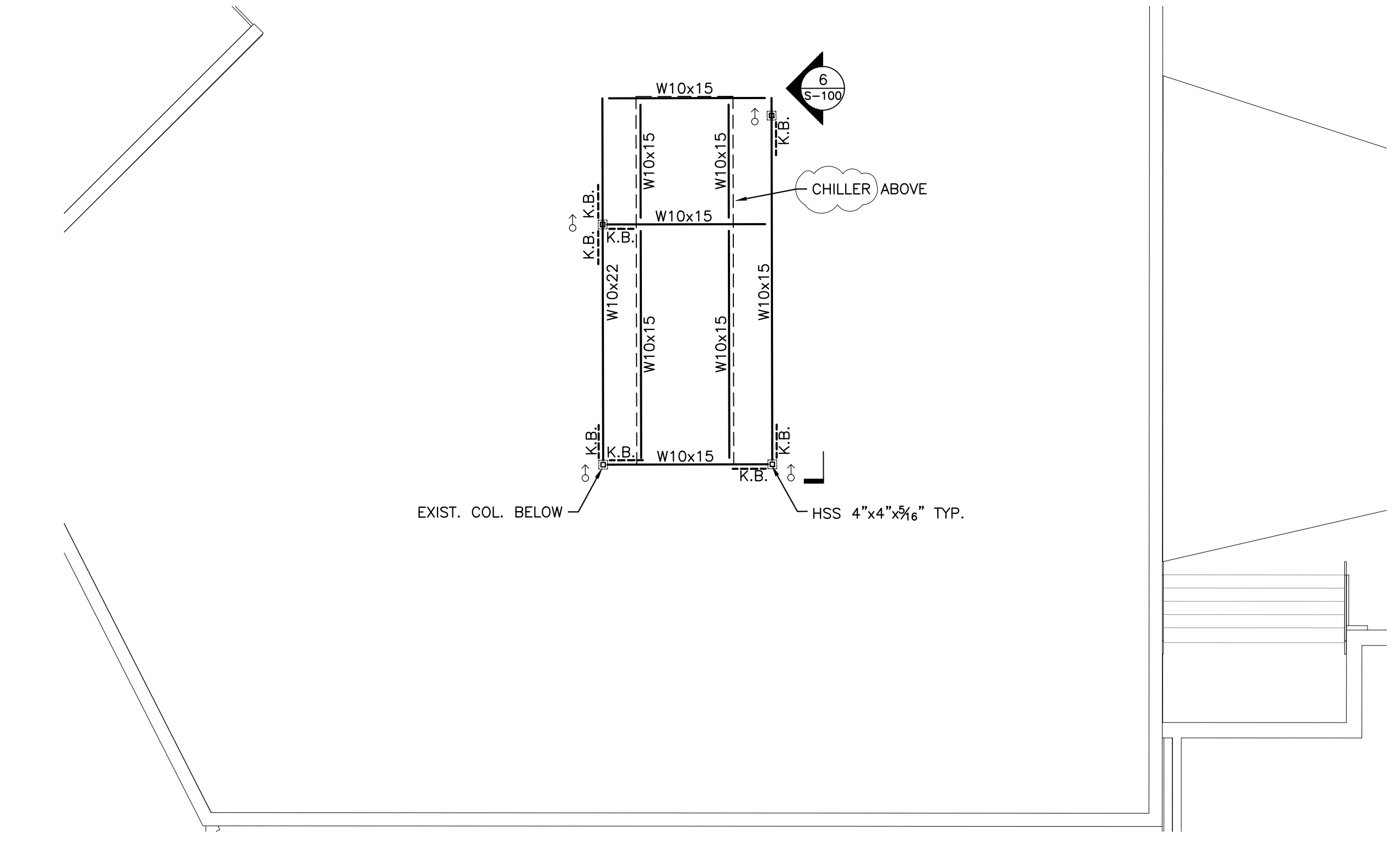
4 TYPICAL SHEAR CONNECTION DETAIL SCALE: N.T.S.

- NOTES:
1. SEE THE SHEAR CONNECTION TABLE FOR THE ANGLE SIZE, BOLT TYPE, BOLT SIZE, ETC. NUMBER OF BOLTS IS SHOWN FOR EACH MEMBER.
2. THE EDGE DISTANCE SHALL BE 1.75x BOLT Ø, 1 1/2" MINIMUM.
3. SHEAR CONNECTIONS ARE SUBJECT TO CHANGE DURING SHOP DRAWING REVIEW.



1 CHILLER AREA A FRAMING PLAN SCALE: 1/8" = 1'-0"

- NOTES:
1. COORDINATE LOCATION OF DUNNAGE WITH MEP DRAWING SETS.
2. TOP OF STEEL ELEVATION SHALL BE 3'-0" ABOVE 1/2 EXIST. ROOF INSULATION UNLESS NOTED THUS [...].
3. DASHED BEAM LINES INDICATE EXIST. ROOF BEAMS.
4. ALL STEEL SHOWN SHALL BE HOT-DIPPED GALVANIZED PAINT. HSS COLUMNS AND BASE PLATES CAN BE LEFT BARE BELOW LEVEL OF ROOF DECK.
5. "KB" INDICATES 4x4x4" DIAGONAL BRACING-SEE DETAILS FOR CONNECTION.
6. SEE MEP PLANS FOR SIZE AND LOCATION OF OPENING.
7. MEP OPENINGS SHALL NOT CUT THROUGH EXISTING FRAMING.

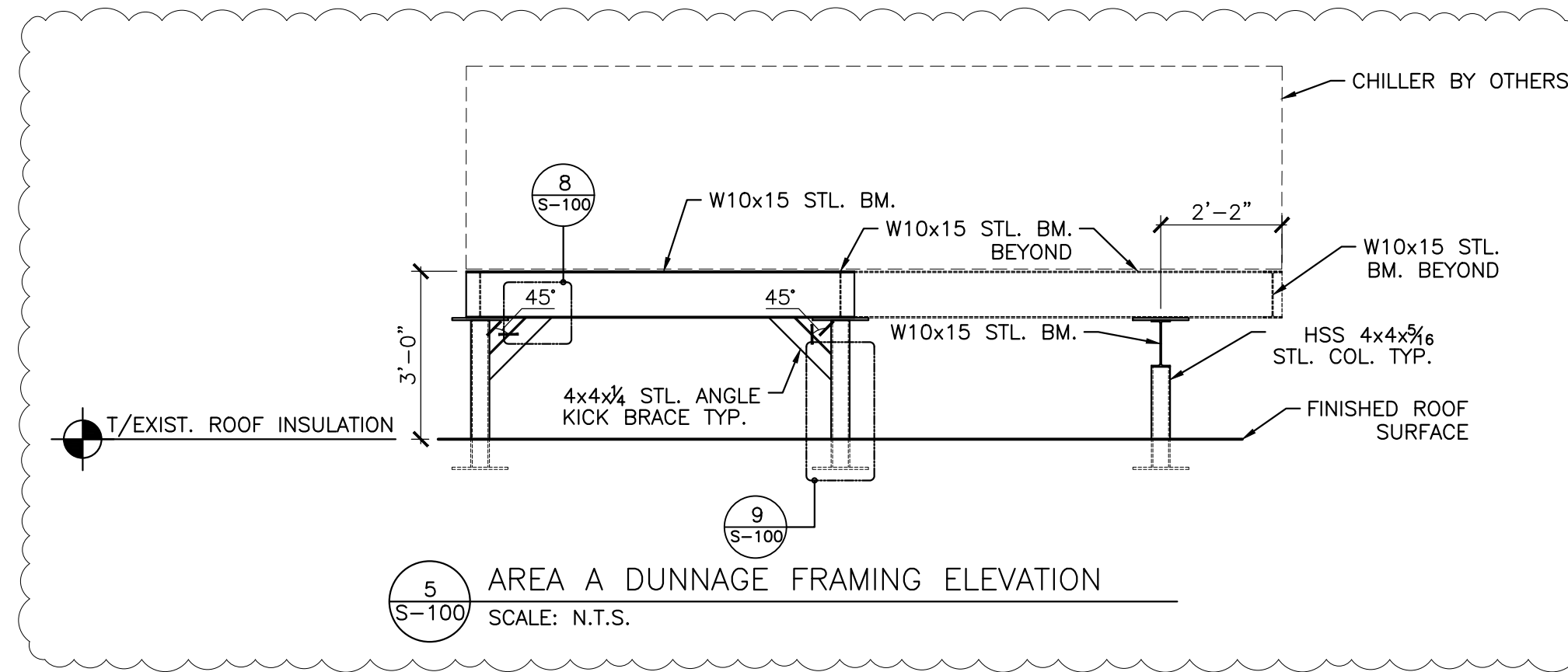


2 CHILLER AREA B FRAMING PLAN SCALE: 1/8" = 1'-0"

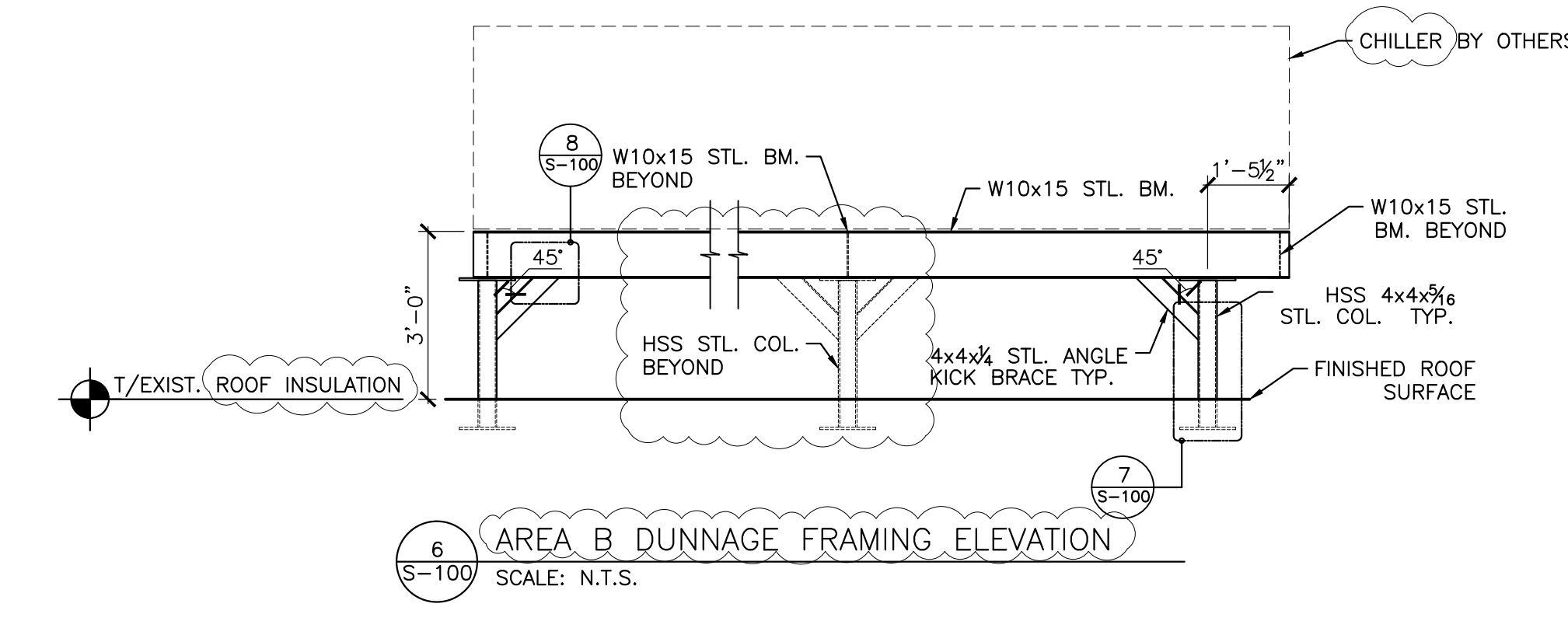
- NOTES:
1. COORDINATE LOCATION OF DUNNAGE WITH MEP DRAWING SETS.
2. TOP OF STEEL ELEVATION SHALL BE 3'-0" ABOVE 1/2 EXIST. ROOF INSULATION UNLESS NOTED THUS [...].
3. DASHED BEAM LINES INDICATE EXIST. ROOF BEAMS.
4. ALL STEEL SHOWN SHALL BE HOT-DIPPED GALVANIZED PAINT. HSS COLUMNS AND BASE PLATES CAN BE LEFT BARE BELOW LEVEL OF ROOF DECK.
5. "KB" INDICATES 4x4x4" DIAGONAL BRACING-SEE DETAILS FOR CONNECTION.
6. SEE MEP PLANS FOR SIZE AND LOCATION OF OPENING.
7. MEP OPENINGS SHALL NOT CUT THROUGH EXISTING FRAMING.
8. NEW POSTS SHALL LAND ON EXIST. COLS.

3 RTU AREA C FRAMING PLAN SCALE: 1/8" = 1'-0"

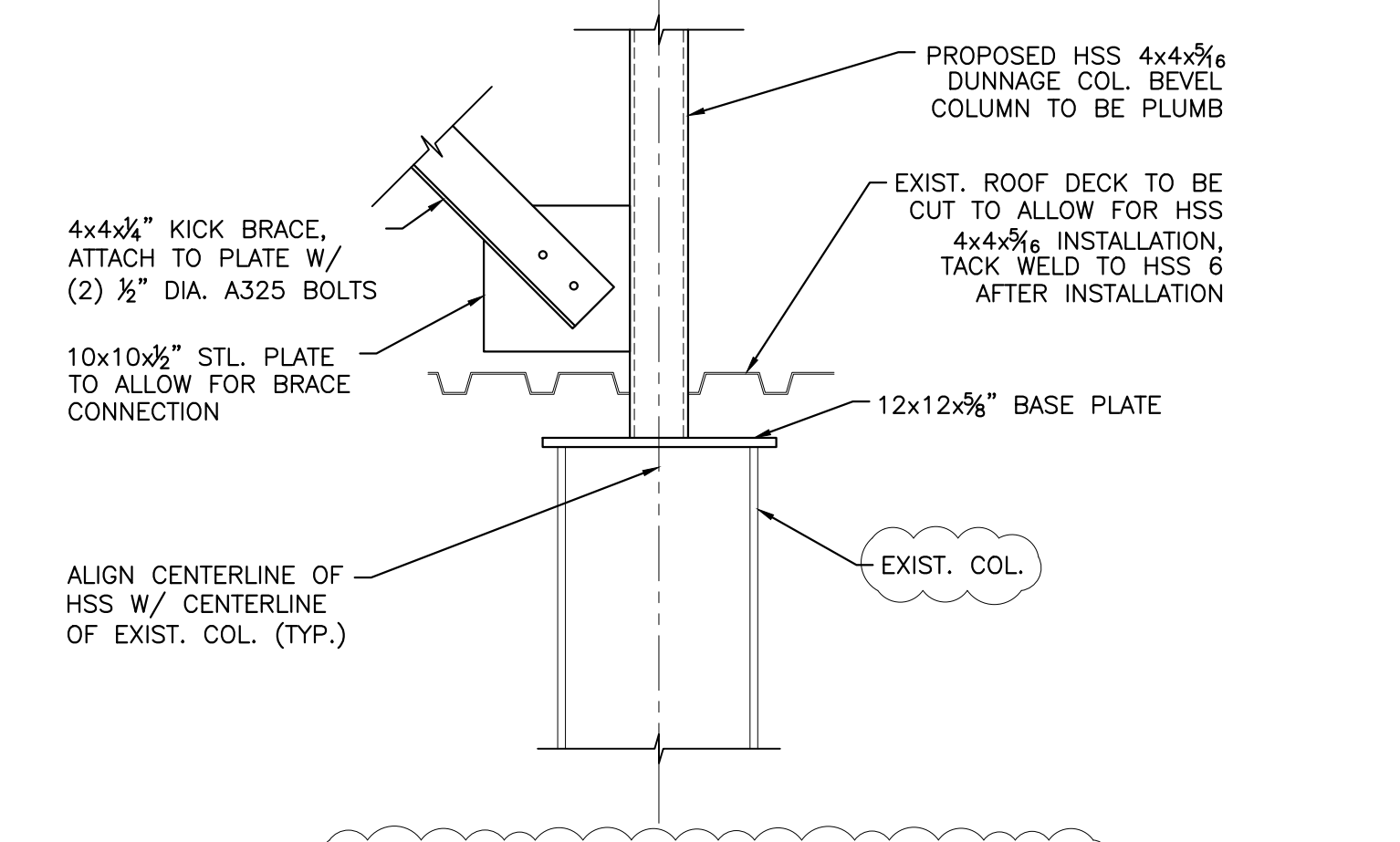
- NOTES:
1. COORDINATE LOCATION OF RTU WITH MEP DRAWING SETS.
2. DASHED BEAM LINES INDICATE EXIST. ROOF BEAMS.
3. SEE MEP PLANS FOR SIZE AND LOCATION OF OPENING.
4. MEP OPENINGS SHALL NOT CUT THROUGH EXISTING FRAMING.



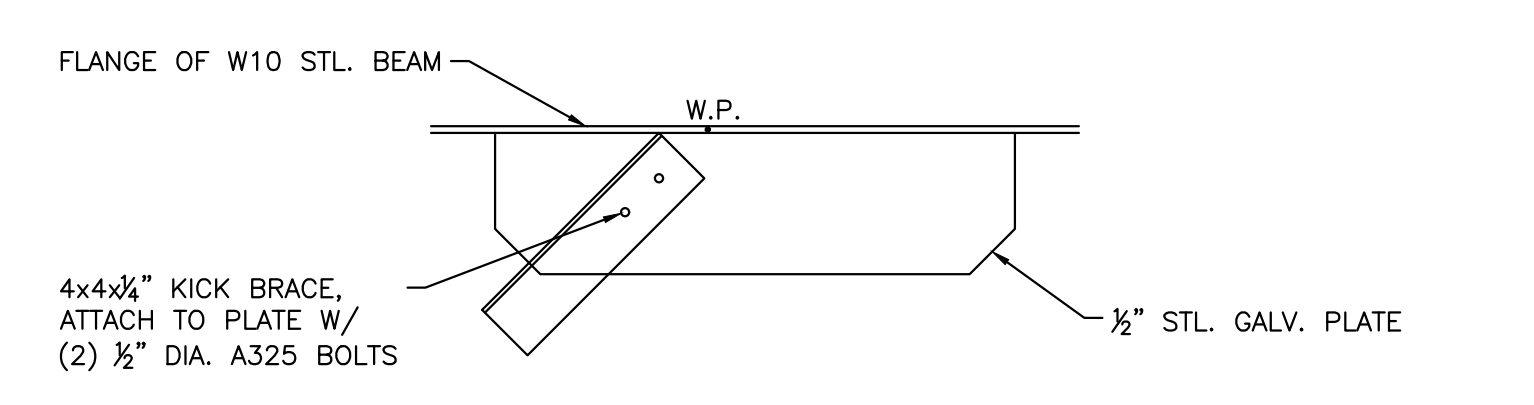
5 AREA A DUNNAGE FRAMING ELEVATION SCALE: N.T.S.



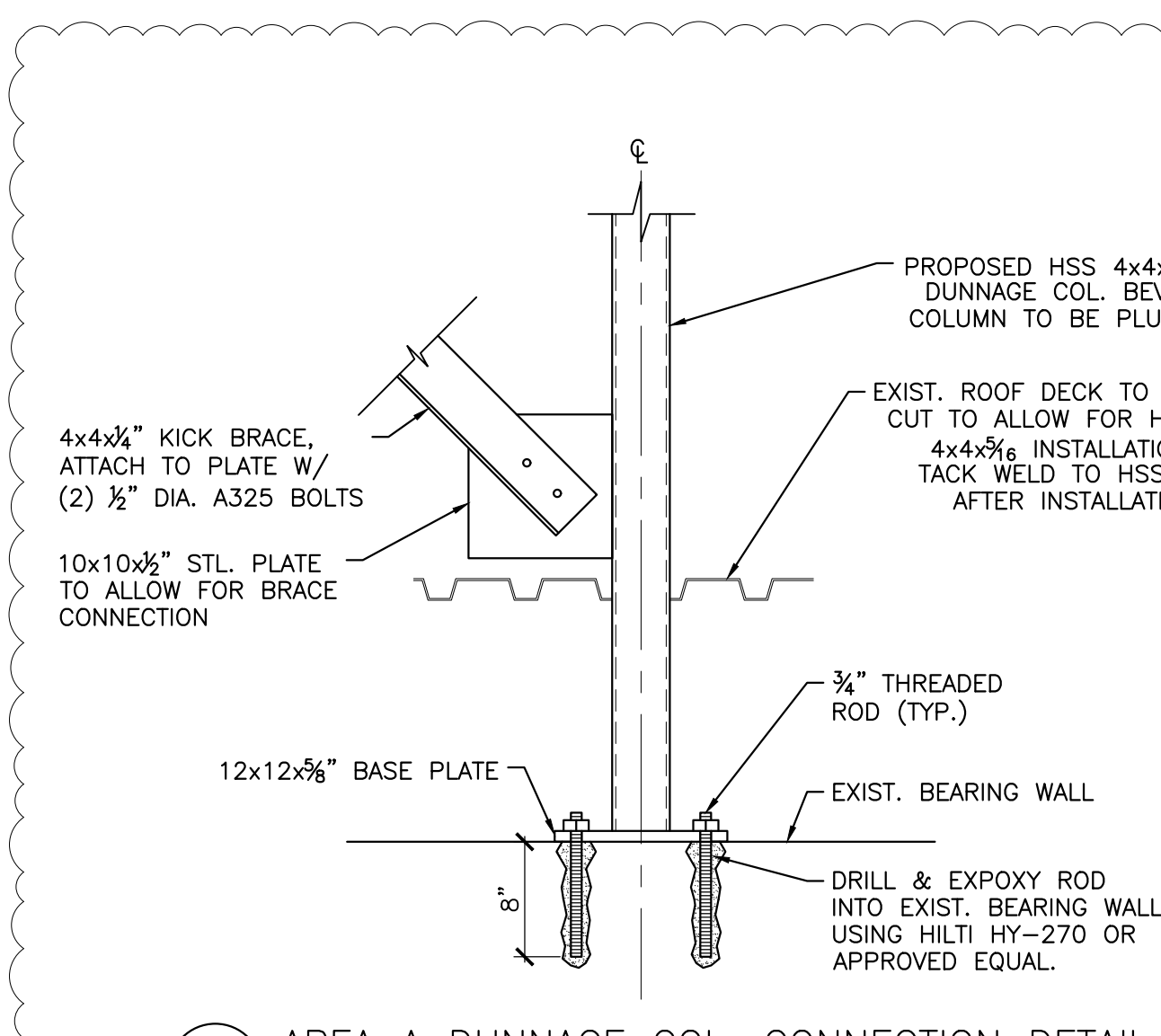
6 AREA B DUNNAGE FRAMING ELEVATION SCALE: N.T.S.



7 AREA B DUNNAGE COL. CONNECTION DETAIL SCALE: N.T.S.



8 TYP. KICK BRACE - BEAM CONNECTION DETAIL SCALE: N.T.S.



9 AREA A DUNNAGE COL. CONNECTION DETAIL SCALE: N.T.S.

EASTCHESTER UNION FREE SCHOOL DISTRICT

2022 CAPITAL PROJECT PHASE 3

MIDDLE SCHOOL / HIGH SCHOOL

ARCHITECT MEMAS
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASDESIGN.COM

STRUCTURAL CONSULTANT REILLY TARANTINO ENGINEERING
100 PARK BLVD, SUITE 209
MASSAPEQUA PARK, NY 11762

MECHANICAL/ELECTRICAL/PLUMBING CONSULTANT STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

HAZARDOUS MATERIALS CONSULTANT WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10014



5/31/2024

IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY, IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/PROFESSIONAL ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION ALTERED BY FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Table with 2 columns: ADDENDUM 3, 01/18/2024. BID SET, 12/18/2023. ISSUE, DATE.

KEY PLAN

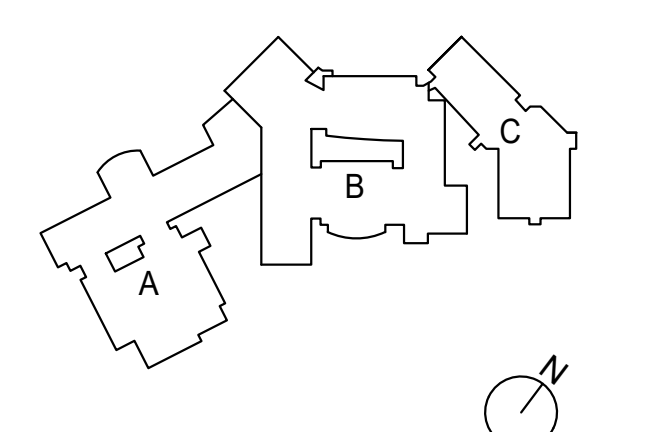


Table with 2 columns: PROJECT NO., 66-03-01-03-0-003-031. MEMAS PROJECT NO., 102-2301.

GENERAL NOTES, RTU FRAMING PLAN & DETAILS

MSHS S-100

© 2023 MEMAS. ALL RIGHTS RESERVED.

ARCHITECT

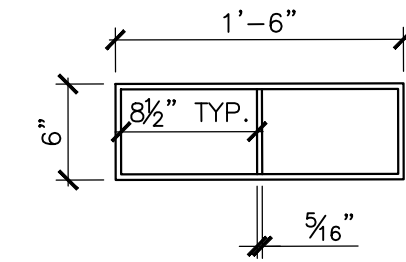


2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
100 PARK BLVD, SUITE 209
MASSAPEQUA PARK, NY 11762

MECHANICAL/ELECTRICAL/PLUMBING CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905

HAZARDOUS MATERIALS CONSULTANT
WSP
ONE PENN PLAZA
250 W 34TH ST., 4TH FLOOR
NEW YORK, NY 10014

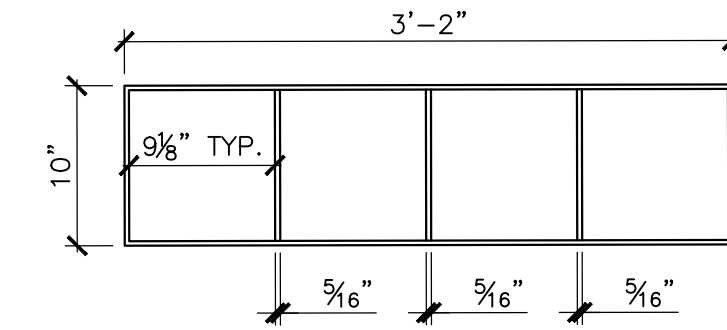


STRUCTURAL SLEEVE FOR 18"x6" OPENING

SCALE: 1" = 1'-0"

NOTES:

1. SEE MEP PLAN FOR LOCATIONS OF STRUCTURAL SLEEVES
2. ALL STEEL IS 3/16" VERTICAL AND HORIZONTAL, A36 STEEL PLATES. FILLET WELD ALL CONNECTIONS.

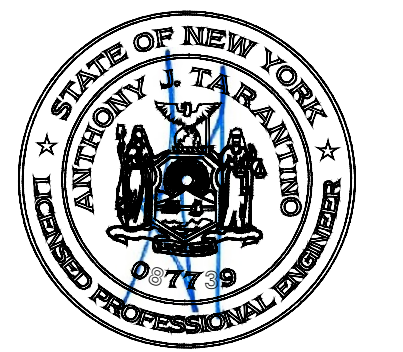


STRUCTURAL SLEEVE FOR 38"x10" OPENING

SCALE: 1" = 1'-0"

NOTES:

1. SEE MEP PLAN FOR LOCATIONS OF STRUCTURAL SLEEVES
2. ALL STEEL IS 3/16" VERTICAL AND HORIZONTAL, A36 STEEL PLATES. FILLET WELD ALL CONNECTIONS.

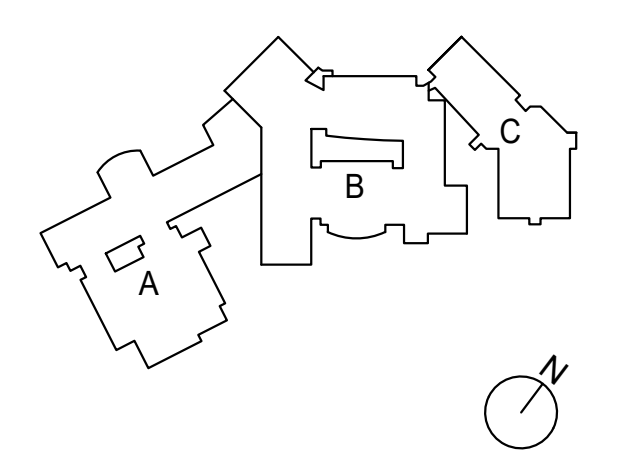


5/31/2024

IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY. IF A DOCUMENT BEARING THE SEAL OF A REGISTERED ARCHITECT/PROFESSIONAL ENGINEER IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION ALTERED BY FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

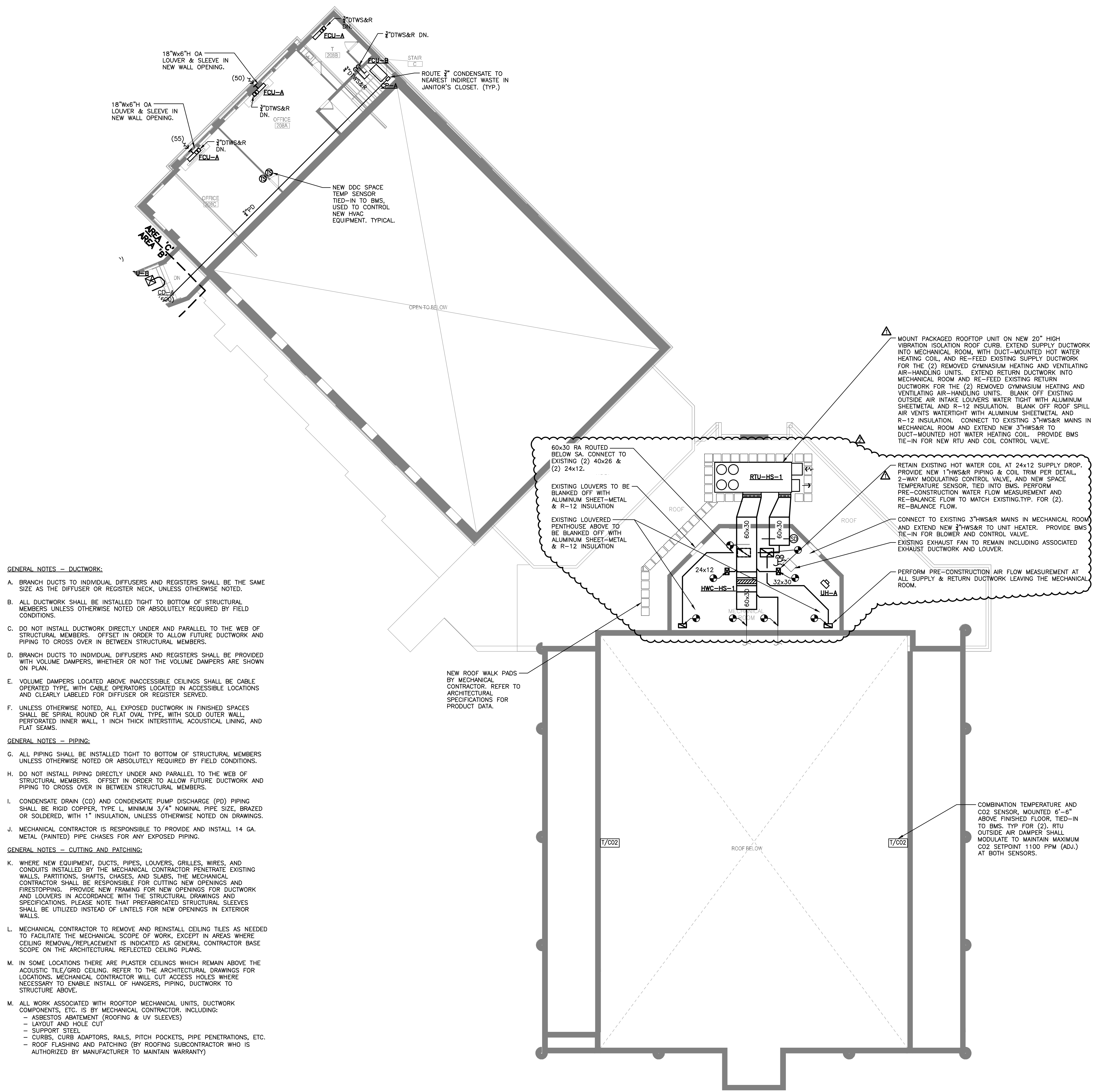
ADDENDUM 3	01/18/2024
BID SET	12/18/2023
ISSUE	DATE

KEY PLAN



PROJECT NO.	66-03-01-03-0-003-031
MEMASI PROJECT NO.	102-2301

STRUCTURAL
SLEEVE



- GENERAL NOTES - DUCTWORK:**
- BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.
 - ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
 - DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
 - BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.
 - VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVICE.
 - UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.
- GENERAL NOTES - PIPING:**
- ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
 - DO NOT INSTALL PIPING DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
 - CONDENSATE DRAIN (CD) AND CONDENSATE PUMP DISCHARGE (PD) PIPING SHALL BE RIGID COPPER, TYPE L, MINIMUM 3/4" NOMINAL PIPE SIZE, BRAZED OR SOLDERED, WITH 1" INSULATION, UNLESS OTHERWISE NOTED ON DRAWINGS.
 - MECHANICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE AND INSTALL 14 GA. METAL (PAINTED) PIPE CHASES FOR ANY EXPOSED PIPING.
- GENERAL NOTES - CUTTING AND PATCHING:**
- WHERE NEW EQUIPMENT, DUCTS, PIPES, LOUVERS, GRILLES, WIRES, AND CONDUITS INSTALLED BY THE MECHANICAL CONTRACTOR PENETRATE EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING NEW OPENINGS AND FIRESTOPPING. PROVIDE NEW FRAMING FOR NEW OPENINGS FOR DUCTWORK AND LOUVERS IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS. PLEASE NOTE THAT PREFABRICATED STRUCTURAL SLEEVES SHALL BE UTILIZED INSTEAD OF LINTELS FOR NEW OPENINGS IN EXTERIOR WALLS.
 - MECHANICAL CONTRACTOR TO REMOVE AND REINSTALL CEILING TILES AS NEEDED TO FACILITATE THE MECHANICAL SCOPE OF WORK, EXCEPT IN AREAS WHERE CEILING REMOVAL/REPLACEMENT IS INDICATED AS GENERAL CONTRACTOR BASE SCOPE ON THE ARCHITECTURAL REFLECTED CEILING PLANS.
 - IN SOME LOCATIONS THERE ARE PLASTER CEILINGS WHICH REMAIN ABOVE THE ACOUSTIC TILE/GRID CEILING. REFER TO THE ARCHITECTURAL DRAWINGS FOR LOCATIONS. MECHANICAL CONTRACTOR WILL CUT ACCESS HOLES WHERE NECESSARY TO ENABLE INSTALL OF HANGERS, PIPING, DUCTWORK TO STRUCTURE ABOVE.
 - ALL WORK ASSOCIATED WITH ROOFTOP MECHANICAL UNITS, DUCTWORK COMPONENTS, ETC. IS BY MECHANICAL CONTRACTOR, INCLUDING:
 - ASBESTOS ABATEMENT (ROOFING & UV SLEEVES)
 - LAYOUT AND HOLE CUT
 - SUPPORT STEEL
 - CURBS, CURB ADAPTORS, RAILS, PITCH POCKETS, PIPE PENETRATIONS, ETC.
 - ROOF FLASHING AND PATCHING (BY ROOFING SUBCONTRACTOR WHO IS AUTHORIZED BY MANUFACTURER TO MAINTAIN WARRANTY)

MOUNT PACKAGED ROOFTOP UNIT ON NEW 20" HIGH VIBRATION ISOLATION ROOF CURB. EXTEND SUPPLY DUCTWORK INTO MECHANICAL ROOM, WITH DUCT-MOUNTED HOT WATER HEATING COIL, AND RE-FEED EXISTING SUPPLY DUCTWORK FOR THE (2) REMOVED GYMNASIUM HEATING AND VENTILATING AIR-HANDLING UNITS. EXTEND RETURN DUCTWORK INTO MECHANICAL ROOM AND RE-FEED EXISTING RETURN DUCTWORK FOR THE (2) REMOVED GYMNASIUM HEATING AND VENTILATING AIR-HANDLING UNITS. BLANK OFF EXISTING OUTSIDE AIR INTAKE LOUVERS WATER TIGHT WITH ALUMINUM SHEETMETAL AND R-12 INSULATION. BLANK OFF ROOF SPILL AIR VENTS WATER TIGHT WITH ALUMINUM SHEETMETAL AND R-12 INSULATION. CONNECT TO EXISTING 3" HWS&R MAINS IN MECHANICAL ROOM AND EXTEND NEW 3" HWS&R TO DUCT-MOUNTED HOT WATER HEATING COIL. PROVIDE BMS TIE-IN FOR NEW RTU AND COIL CONTROL VALVE.

RETAIN EXISTING HOT WATER COIL AT 24x12 SUPPLY DROP. PROVIDE NEW 1" HWS&R PIPING & COIL TRIM PER DETAIL. 2-WAY MODULATING CONTROL VALVE, AND NEW SPACE TEMPERATURE SENSOR, TIED INTO BMS. PERFORM PRE-CONSTRUCTION WATER FLOW MEASUREMENT AND RE-BALANCE FLOW TO MATCH EXISTING.TYP. FOR (2). RE-BALANCE FLOW.

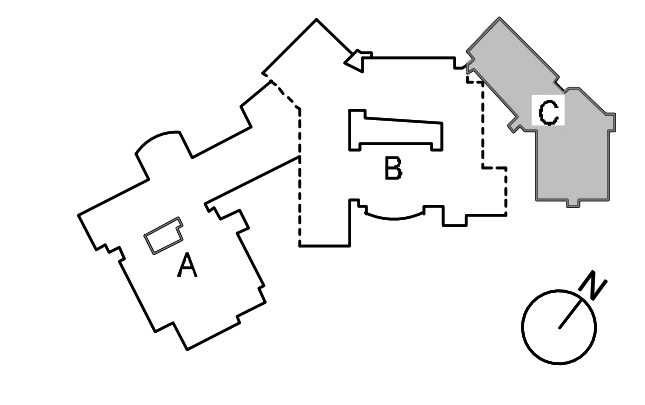
CONNECT TO EXISTING 3" HWS&R MAINS IN MECHANICAL ROOM AND EXTEND NEW 3" HWS&R TO UNIT HEATER. PROVIDE BMS TIE-IN FOR BLOWER AND CONTROL VALVE. EXISTING EXHAUST FAN TO REMAIN INCLUDING ASSOCIATED EXHAUST DUCTWORK AND LOUVER.

PERFORM PRE-CONSTRUCTION AIR FLOW MEASUREMENT AT ALL SUPPLY & RETURN DUCTWORK LEAVING THE MECHANICAL ROOM.

COMBINATION TEMPERATURE AND CO2 SENSOR, MOUNTED 6'-6" ABOVE FINISHED FLOOR, TIED-TO BMS. TYP FOR (2). RTU OUTSIDE AIR DAMPER SHALL MODULATE TO MAINTAIN MAXIMUM CO2 SETPOINT 1100 PPM (ADJ.) AT BOTH SENSORS.

ADDENDUM NO.	DATE
ADDENDUM 3	01/18/2024
ADDENDUM 2	01/09/2024
BID SET	12/18/2023
ISSUE	DATE

KEY PLAN



PROJECT NO. 66-03-01-03-0-003-031
MEMASI PROJECT NO. 102-2301

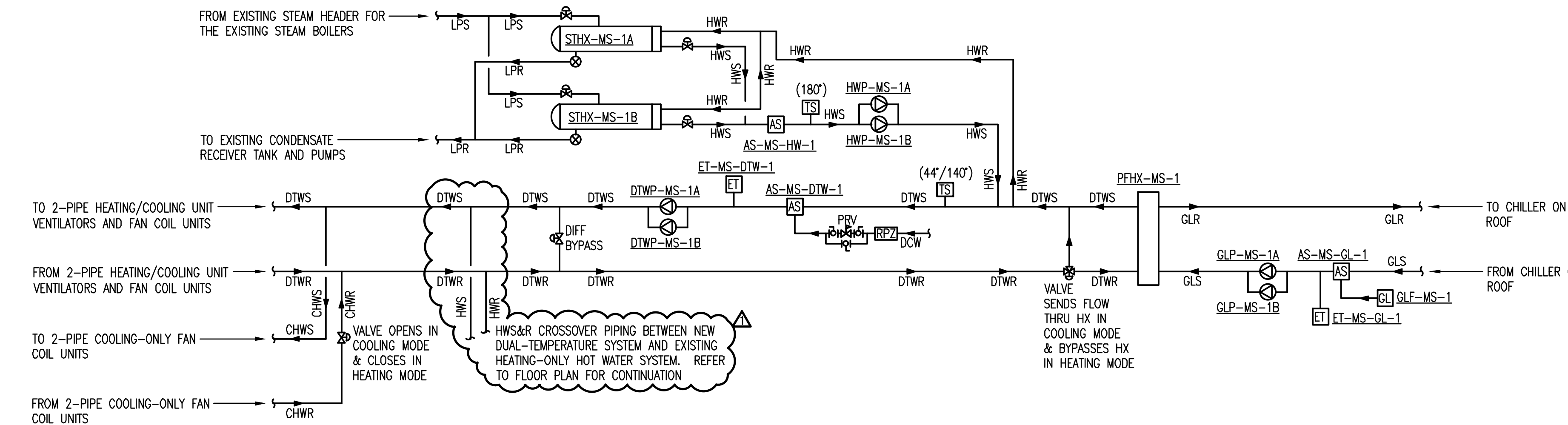
**MECHANICAL PART
PLAN - 2ND FLOOR -
AREA C**

GENERAL NOTES - CUTTING AND PATCHING:

- WHERE NEW EQUIPMENT, DUCTS, PIPES, LOUVERS, GRILLES, WIRES, AND CONDUITS INSTALLED BY THE MECHANICAL CONTRACTOR PENETRATE EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING NEW OPENINGS AND FIRESTOPPING. PROVIDE NEW FRAMING FOR NEW OPENINGS FOR DUCTWORK AND LOUVERS IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS. PLEASE NOTE THAT PREFABRICATED STRUCTURAL SLEEVES SHALL BE UTILIZED INSTEAD OF LINTELS FOR NEW OPENINGS IN EXTERIOR WALLS.

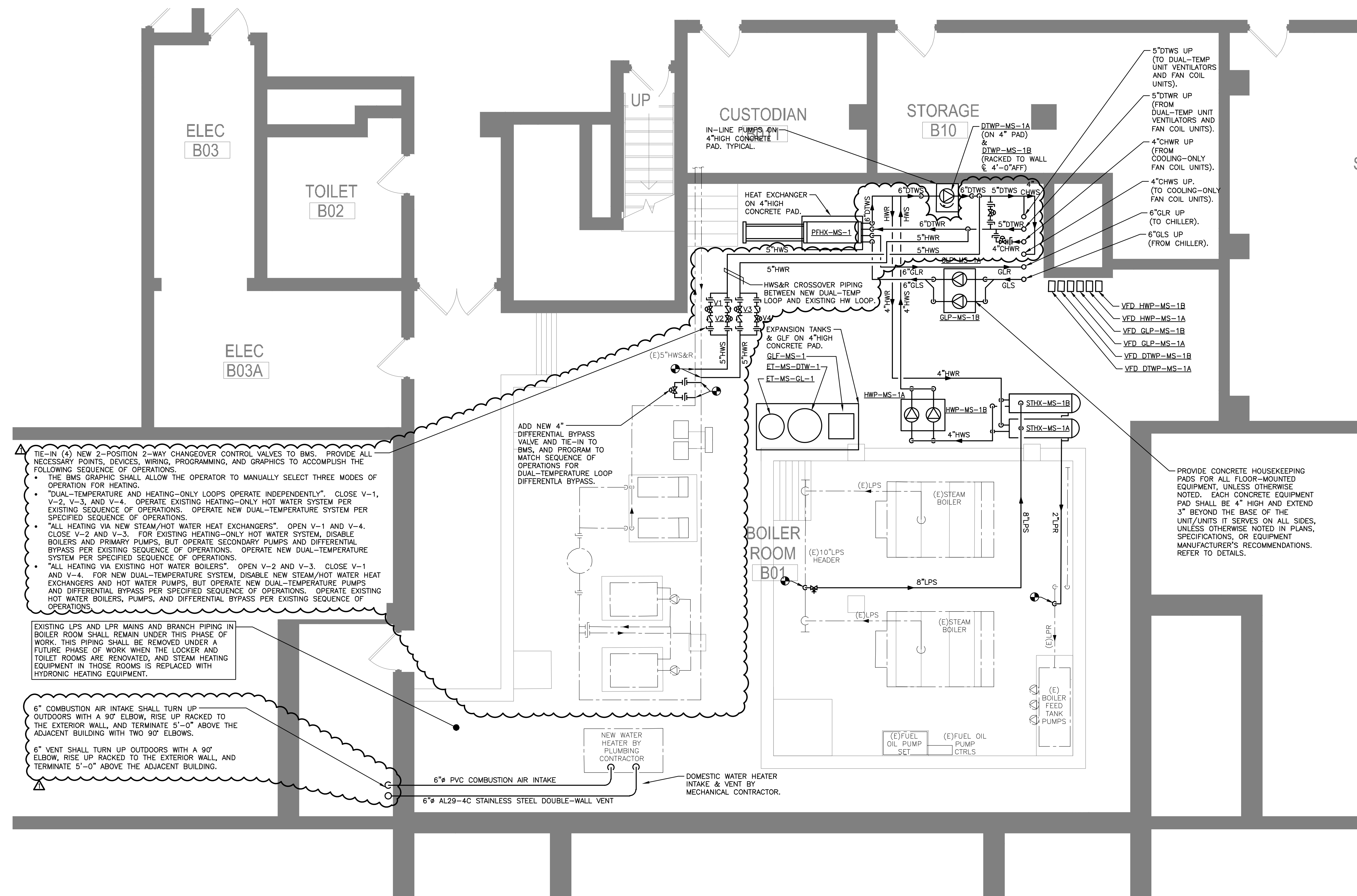
GENERAL NOTES - BOILER ROOM NEW CONSTRUCTION SCOPE SUMMARY:

- (2) EXISTING GAS-FIRED CONDENSING HOT WATER BOILERS SERVING 2016 AREAS OF RENOVATION SHALL REMAIN, ALONG WITH ASSOCIATED FLUES, PUMPS, HYDRONIC SPECIALTIES, AND CONTROLS.
- (2) EXISTING 4185 MBH INPUT DUAL-FUEL STEAM BOILERS SERVING THE REST OF THE MIDDLE SCHOOL SHALL REMAIN, ALONG WITH ASSOCIATED BURNERS, FLUES, CONTROLS, AND CONDENSATE RECEIVER TANK/PUMPS.
- STHX-MS-1A & STHX-MS-1B: F&I (2) NEW SHELL AND TUBE HEAT EXCHANGERS TO GENERATE HOT WATER FOR ALL PORTIONS OF THE MIDDLE SCHOOL WHICH ARE CURRENTLY UTILIZING STEAM.
- HWP-MS-1A & HWP-MS-1B: F&I (2) NEW PRIMARY HOT WATER PUMPS. EACH PUMP SHALL BE IN-LINE TYPE, WITH A VFD. PROVIDE DECOUPLED PRIMARY/SECONDARY PIPING INTERCONNECTION TO THE BUILDING DUAL-TEMPERATURE LOOP. THE PUMPS SHALL OPERATE DUTY/STANDBY FOR REDUNDANCY.
- GLP-MS-1A & GLP-MS-1B: F&I (2) NEW CHILLER GLYCOL LOOP PUMPS. EACH PUMP SHALL BE IN-LINE TYPE, WITH A VFD. THE PUMPS SHALL OPERATE DUTY/STANDBY FOR REDUNDANCY.
- PFHX-MS-1: F&I (1) NEW PLATE AND FRAME HEAT EXCHANGER BETWEEN THE CHILLER GLYCOL LOOP AND THE NEW DUAL-TEMPERATURE LOOP.
- DTWP-MS-1A & DTWP-MS-1B: F&I (2) NEW DUAL-TEMPERATURE HOT/CHILLED WATER PUMPS, SERVING 2-PIPE UNIT VENTILATORS AND FAN COIL UNITS. EACH PUMP SHALL BE IN-LINE TYPE, WITH A VFD. THE PUMPS SHALL OPERATE DUTY/STANDBY FOR REDUNDANCY.
- REFER TO PLAN, FLOW DIAGRAM, AND SPECIFICATIONS FOR ADDITIONAL DETAILS.



FLOW DIAGRAM

N.T.S.

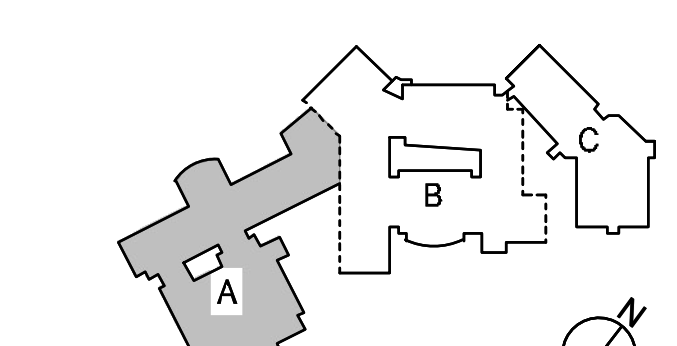


MECHANICAL PART PLAN - MIDDLE SCHOOL BOILER ROOM

1/4" = 1'-0"

ADDENDUM	DATE
ADDENDUM 3	01/18/2024
BID SET	12/18/2023
ISSUE	DATE

KEY PLAN



PROJECT NO. 66-03-01-03-0-003-031
MEMASI PROJECT NO. 102-2301

MECHANICAL PART
PLAN - MIDDLE
SCHOOL BOILER
ROOM

MSHS M300

Request for Information - 2022 Capital Bond Project Phase 3-MEMASI Project # 102-2301

Harry <mh@acssystem.com>

Thu 1/11/2024 3:52 AM

To:Piere Luigi Pancaldi Garcia <piere.pancaldi@memasidesign.com>;jackson@arriscontracting.com
<jackson@arriscontracting.com>;asmith@arriscontracting.com <asmith@arriscontracting.com>
Cc:Noel Joseph <noeljoseph@acssystem.com>;Beneesh Thomas <beneeshthomas@acssystem.com>;Mohammed
<mt@acssystem.com>

Good Morning ,

We would appreciate quick information for subject job.

Drawings : Drawing MD-302 is missing as its mentioned on MD -100B
HVAC Schedule : Kindly provide equipment schedule for FCU , UV & RTU (as mentioned on
Ventilation schedule M-602)
Bid Extension : Could you please provide bid extension for one week ?

Appreciate your feedback ASAP.
Once again, thank you for this opportunity to bid with you.
Thank you.

Thanks & Regards



Harry
ACS System Associates, Inc.
101 New South Road
Hicksville, NY 11801

There is no drawing MD-302, this was a typo. Boiler room part plan callouts shall be revised as follows:

- The boiler room area callout reference on MSHS MD100-A shall be changed from "MSHS MD301" to "MSHS MD300".
- The boiler room area callout reference on MSHS MD100-B shall be changed from "MSHS MD302" to "MSHS MD301".
- The boiler room area callout reference on MSHS M100-A shall be changed from "MSHS M301" to "MSHS M300".
- The boiler room area callout reference on MSHS M100-B shall be changed from "MSHS M302" to "MSHS M301".

Equipment schedules for the FCUs, UVs, and RTU are on MSHS M601, which was issued as part of the bid set and updated via Addendum 2.

It is our understanding that there will not be a bid extension.

J. Reiss - Stantec - 1/18/2024



AIA[®] Document G716™ – 2004

Request for Information (“RFI”)

TO:
MEMASI
2 Lyon Place
White Plains, NY 10601

FROM:
All Bright Electric
100 Snake Hill Road
West Nyack, NY 10994

PROJECT:
2022 Capital Bond Project, Phase 3
Eastchester Union Free School District

ISSUE DATE: 1/10/24 **RFI No.** 5

PROJECT NUMBERS: MEMASI / 102-2301

REQUESTED REPLY DATE:
COPIES TO:

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

What type and material of roof exists in the locations of the rooftop chillers on MSHS-E102A & MSHS-E103B? And is there steel decking underlaying the roof?

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS:

DRAWINGS:

OTHER:

SENDER’S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER’S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

The roofing type could be either EPDM Membrane or SBS, depending on the location.
The original building from 1929 have no metal deck, for other locations, verify in field.

Pancaldi | MEMASI

01/18/2024

Arris Contracting

BY

DATE

COPIES TO

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.



AIA Document G716™ – 2004

Request for Information (“RFI”)

TO:
MEMASI
2 Lyon Place
White Plains, NY 10601

FROM:
Allstate electrical contracting

PROJECT:
2022 Capital Bond Project, Phase 3
Eastchester Union Free School District

ISSUE DATE: 1/16/2023 **RFI No.** 1

PROJECT NUMBERS: MEMASI / 102-2301

REQUESTED REPLY DATE: asap
COPIES TO:

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

Please provide fire alarm vendor information

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS:

DRAWINGS:

OTHER:

SENDER’S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER’S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

The fire alarm vendor for all schools is ADT (John Walsh - 914-418-9460).

J. Reiss - Stantec - 1/18/2024

BY

DATE

COPIES TO

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.

Eastchester ICON RFI #5

Tony Monaco <tmonaco@iconcginc.com>

Wed 1/10/2024 1:10 PM

To: Piere Luigi Pancaldi Garcia <piere.pancaldi@memasidesign.com>; John P. Jackson <jpjackson@arriscontracting.com>
Cc: asmith@arriscontracting.com <asmith@arriscontracting.com>; Anita Carulli <acarulli@iconcginc.com>

See our RFI #5 related to ceilings:

Eastchester MS/HS:

1. For the add alternates- listed on AF001--- please advise as to what type ACT they want in the rooms.
2. Sheet A801B, room #101A, #101B—are the light fixtures below the ceiling grid?
3. Is classroom #M206 getting a new ceiling? (not indicated on the finish schedule) but shown on A802A.
4. Sheet A802A- what is the room/ area indicated on the RIGHT SIDE of the drawing- by the corridor?

Anne Hutchinson ES:

1. Detail 31/A801 are they going to want an axiom (or equal) type of trim by the windows? If so what is the height.
2. Is Detail 31/A801 typical for the first floor window areas too?
3. The finish schedule states Stair C to get ACT#2, but nothing is shown on A801A
4. The finish schedule states Room 104B to get ACT#1, but nothing is shown on A801A

Thanks

Tony

Anthony Monaco
Project Manager/Estimator
Cell (914)-712-5446

Icon Const. Gr., Inc
1 New King St., Suite 108 | White Plains, NY 10604
Phone: 914.288.0018 | Fax: 914.358.1858
Email: tmonaco@iconcginc.com



Eastchester MS/HS

1. For the classrooms, it will be ACT-1
2. Lighting Fixtures are on the ceiling grid.
3. Classroom M206 will receive both ACT-1 and Gyp. Ceiling as indicated on the plans.
4. Is the vestibule connecting to the High School, see dwg. LS004 for context.

Anne Hutchinson

1. Provide a 1-15/16" Axiom Trim or equal from Certain Teed.
2. Yes.
3. The ceiling and lighting should be provided on the second floor. Stairs on the second floor are mistakenly called '2' and '4'. Stair '2' is actually STAIR B, and '4' is actually STAIR C.
4. No ceiling replacement in multi-user toilet 104B, as shown on 10/AH A801.

Pancaldi | MEMASI 01/18/2024



AIA[®] Document G716™ – 2004

Request for Information (“RFI”)

TO:
MEMASI
2 Lyon Place
White Plains, NY 10601

FROM: Joe Lombardo Plumbing & Heating

PROJECT:
2022 Capital Bond Project, Phase 3
Eastchester Union Free School District

ISSUE DATE: 1/15/2024 **RFI No.** #3

PROJECT NUMBERS: MEMASI / 102-2301

REQUESTED REPLY DATE:
COPIES TO:

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

Specification Section 232116 Part 2 Section 2.2C lists manufactures subject to compliance with requirements. Please advise if NuTech Hydronic Specialty is an acceptable manufacturer in compliance with requirements of Specification section 016000- Product requirements, 2.2 Comparable Products.

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS: 232116-2.2 C.1 **DRAWINGS:**

OTHER:

SENDER’S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER’S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

"NuTech Hydronic Specialty" shall be added to the list of allowable manufacturers in spec section 232116-2.2-C, subject to compliance with requirements in the specifications and plans, and subject to the submittal review process.

J. Reiss - Stantec - 1/18/2024

BY

DATE

COPIES TO

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.



AIA[®] Document G716™ – 2004

Request for Information (“RFI”)

TO:
MEMASI
2 Lyon Place
White Plains, NY 10601

FROM: Joe Lombardo Plumbing & Heating

PROJECT:
2022 Capital Bond Project, Phase 3
Eastchester Union Free School District

ISSUE DATE: 1/15/24 **RFI No.** 4

PROJECT NUMBERS: MEMASI / 102-2301

REQUESTED REPLY DATE: 1/19/24
COPIES TO:

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

On the plumbing Demo plans there is multiple notes on storing existing fixtures (sinks lavs toilets etc) Where will they be stored ? how will they be stored ?

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS:

DRAWINGS:

OTHER:

SENDER’S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER’S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

BY

DATE

COPIES TO

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.

The plumbing contractor shall store offsite in a dry location.

- J. Reiss - Stantec - 1/18/2024



AIA[®] Document G716™ – 2004

Request for Information (“RFI”)

TO:
MEMASI
2 Lyon Place
White Plains, NY 10601

FROM: Joe Lombardo Plumbing & Heating

PROJECT:
2022 Capital Bond Project, Phase 3
Eastchester Union Free School District

ISSUE DATE: 1/5/24 **RFI No. 5**

PROJECT NUMBERS: MEMASI / 102-2301

REQUESTED REPLY DATE: 1/19/24
COPIES TO:

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

On drawings P101A there is a pipe drop between areas A & B where are these dropping to as there is no basement drawing of this area Pipes look to be 1-1/2 , 1" , 3/4" please advise on this area below.

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS: **DRAWINGS:** P101A **OTHER:**

SENDER’S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

The piping drops near Area B are domestic water drops to the lavatories in the girl's dressing room and boy's dressing room. The mains are the sizes listed above, the drops to the lavatories are each 1/2" pipes.

RECEIVER’S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

Kassady Peters - Stantec

1/18/2024

BY

DATE

COPIES TO

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.



AIA[®] Document G716™ – 2004

Request for Information (“RFI”)

TO:
MEMASI
2 Lyon Place
White Plains, NY 10601

FROM: Joe Lombardo Plumbing & Heating

PROJECT:
2022 Capital Bond Project, Phase 3
Eastchester Union Free School District

ISSUE DATE: 1/17/2024 **RFI No.** #6

PROJECT NUMBERS: MEMASI / 102-2301

REQUESTED REPLY DATE: 1/19/2024
COPIES TO:

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

Drawing MSHS M300 shows 6" PVC Combustion Air Intake and 6" AL29-4C Stainless Steel Double Wall Vent penetrating wall into an outdoor stairwell with ladderway, but does not show the continuation of flues, please advise where these are to terminate.

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS: **DRAWINGS:** M300 **OTHER:**

SENDER’S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER’S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

BY

DATE

COPIES TO

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Chan

The 6" combustion air intake for the domestic hot water heater shall turn up outdoors with a 90° elbow, rise up racked to the exterior wall, and terminate 5' above the adjacent building with two 90° elbows.

The 6" vent for the domestic hot water heater shall turn up outdoors with a 90° elbow, rise up racked to the exterior wall, and terminate 5' above the adjacent building.

J. Reiss - Stantec - 1/18/2024



AIA[®] Document G716™ – 2004

Request for Information (“RFI”)

TO:
MEMASI
2 Lyon Place
White Plains, NY 10601

FROM: Joe Lombardo Plumbing & Heating

PROJECT:
2022 Capital Bond Project, Phase 3
Eastchester Union Free School District

ISSUE DATE: 1/17/24 **RFI No. #7**

PROJECT NUMBERS: MEMASI / 102-2301

REQUESTED REPLY DATE: 1/19/24
COPIES TO:

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

on plan P100-B it shows ejection pump pit On P601 Plumbing schedule it states under pump that sewage pump pit is to be increased to 4x4x5 who's scope of work does this fall under is there a structural detail ?

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS: **DRAWINGS:** P100B, P601 **OTHER:**

SENDER’S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER’S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

BY

DATE

COPIES TO

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.

The existing sump pit at the High School boiler room shall remain, and the replacement sewage ejector pump package manufacturer and model shall be changed to Flygt Model N, duplex pumping arrangement, rated for 150 GPM per pump at 25 ft TDH, capable of 30 starts per hour, and capable of running dry.

- J. Reiss - Stantec - 1/18/2024



AIA[®] Document G716™ – 2004

Request for Information (“RFI”)

TO:
MEMASI
2 Lyon Place
White Plains, NY 10601

FROM:
UniMak LLC
82 Midland Ave. Ste D
Saddle Brook, NJ 07663

PROJECT:
2022 Capital Bond Project, Phase 3
Eastchester Union Free School District

ISSUE DATE: 01/11/24
RFI No. 1

PROJECT NUMBERS: MEMASI / 102-2301

REQUESTED REPLY DATE:
COPIES TO:

RFI DESCRIPTION: *(Fully describe the question or type of information requested.)*

Please clarify if the flashing of the new exhaust fan curbs part of GC scope or HVAC scope?

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*

SPECIFICATIONS: 011000, 075216, 075323
DRAWINGS: MSHS M703
OTHER:

SENDER’S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER’S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

All roofing work is part of the Mechanical Contractors contract. See 011000 - Summary of Work - 1.5 Special Note 7.

Pancaldi | MEMASI

01.11.24

Arris Contracting

BY

DATE

COPIES TO

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.