



Addendum # 1

Bid Opportunity: 25-7632-RFT - Crestview Public School Main Office Renovation and Ventilation Upgrade

Closing Date: Wednesday, April 23, 2025 2:00 PM

The following issued by the Board shall form part of the Bid / Proposal Solicitation document. The revisions and additions noted herein along with any attachments shall be read in conjunction with all other related documents. This Addendum shall, take precedence over the previously issued documents where differences occur. Receipt of this addendum must be acknowledged in the Bidding System, bids&tenders.

If you have already submitted a Bid / Proposal, it will be automatically withdrawn as a result of this addendum. You must resubmit the Bid / Proposal acknowledging all addenda and revising your Bid / Proposal to comply with all addenda.

Information Initiated by the Board of Consultant

Please refer to the next pages.

**CRESTVIEW PUBLIC SCHOOL MAIN OFFICE RENOVATION AND VENTILATION
UPGRADE**

Tender # 25-7632-RFT

HAA PROJECT NO. 24133

HOSSACK ARCHITECTURE

ADDENDUM NO. 1

Issued by email April 11, 2025

The following additions, deletions, modifications and clarifications issued herein are hereby an integral part of the Tender and Contract Documents. Minor Typographic or spelling mistakes in the Contract Documents which do not significantly affect the meaning of the sentence or phrase in which they occur may not necessarily be corrected by Addenda.

GENERAL

1. Ensure that all parties submitting bids are aware of this **Addendum No. 1** and its contents.
2. **Contents of Addendum No. 1** consist of the following:
 - .1 One (1) typed pages of instructions and one (1) 42x30 Drawings.
 - .2 Three (3) typed pages of instruction and eleven (11) 8.5x11 drawings for Addendum No.1, issued by DEI Consulting Engineers, dated April 7, 2025.

AMENDMENTS TO DRAWINGS – ARCHITECTURAL

Item 01: Drawing A05 PARTIAL ROOF DEMOLITION & PROPOSED PLAN & DETAILS

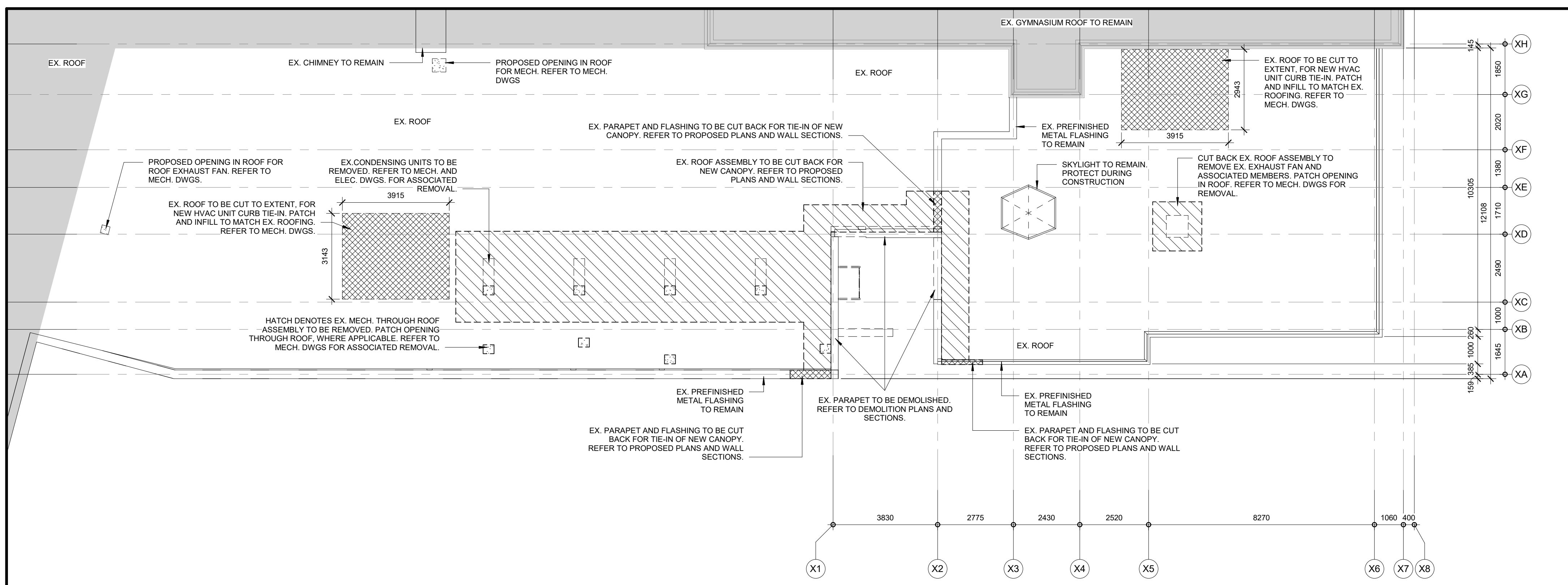
- .1 REPLACE Drawing A05 with the enclosed A05 Drawing.

AMENDMENTS – MECHANICAL & ELECTRICAL

Item 02: MECHANICAL & ELECTRICAL

- .1 Please find attached three (3) typed pages of instructions and eleven (1) 8.5x11 sized drawings, Addendum no.1, issued by DEI Consulting Engineers dated April 7, 2025

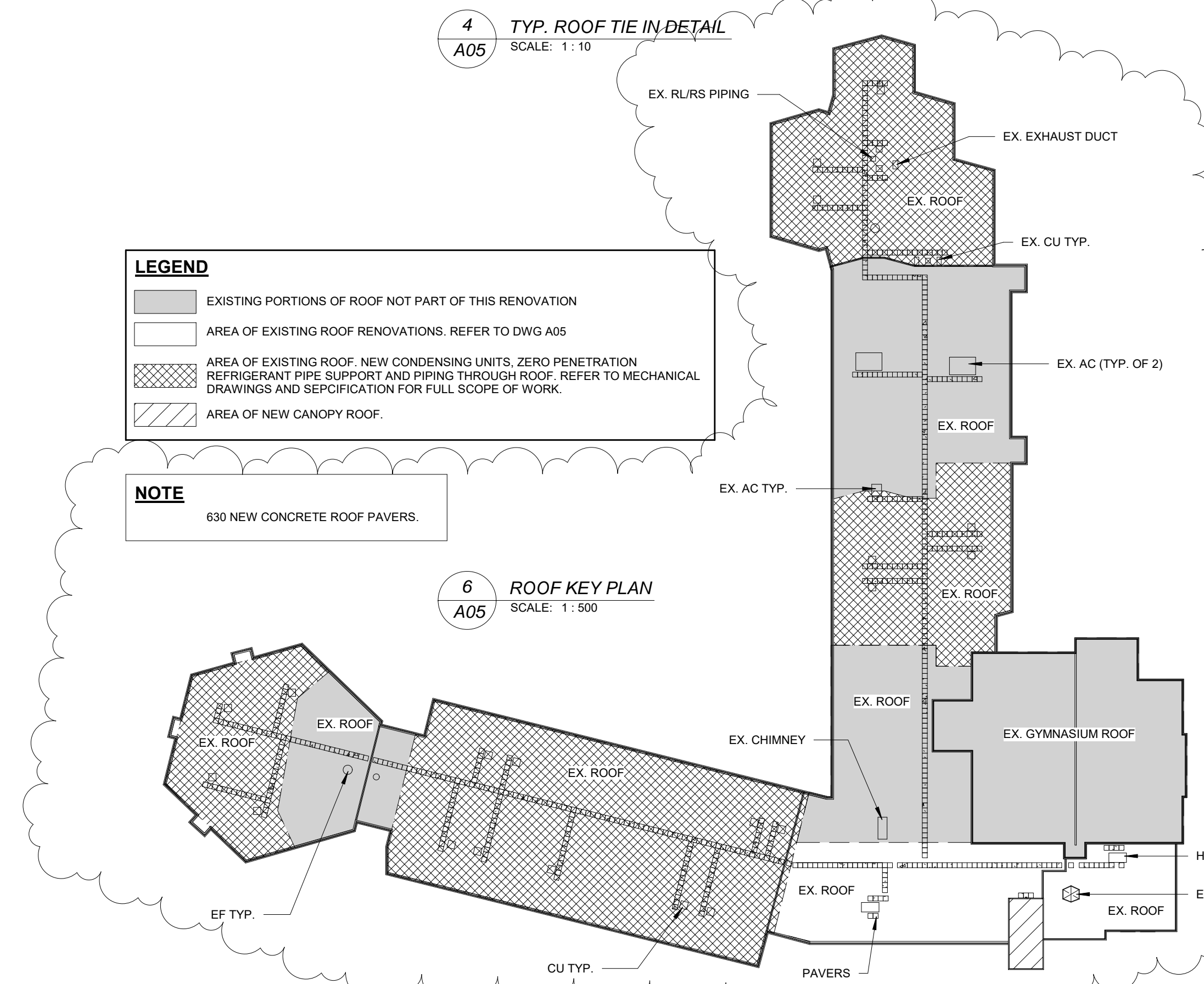
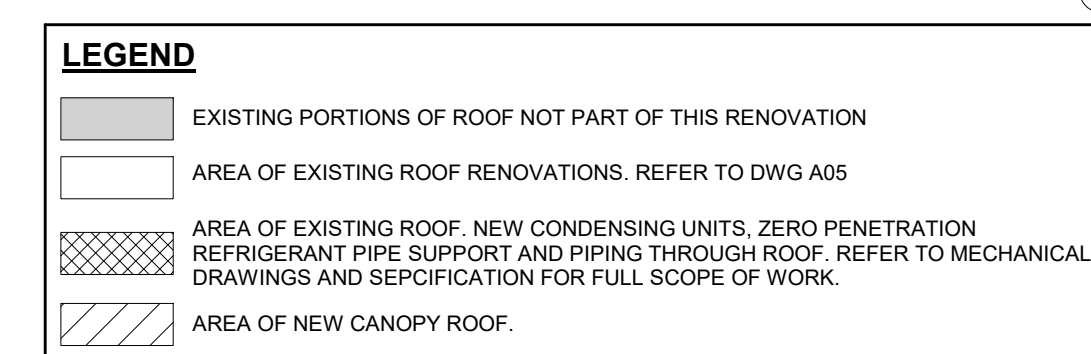
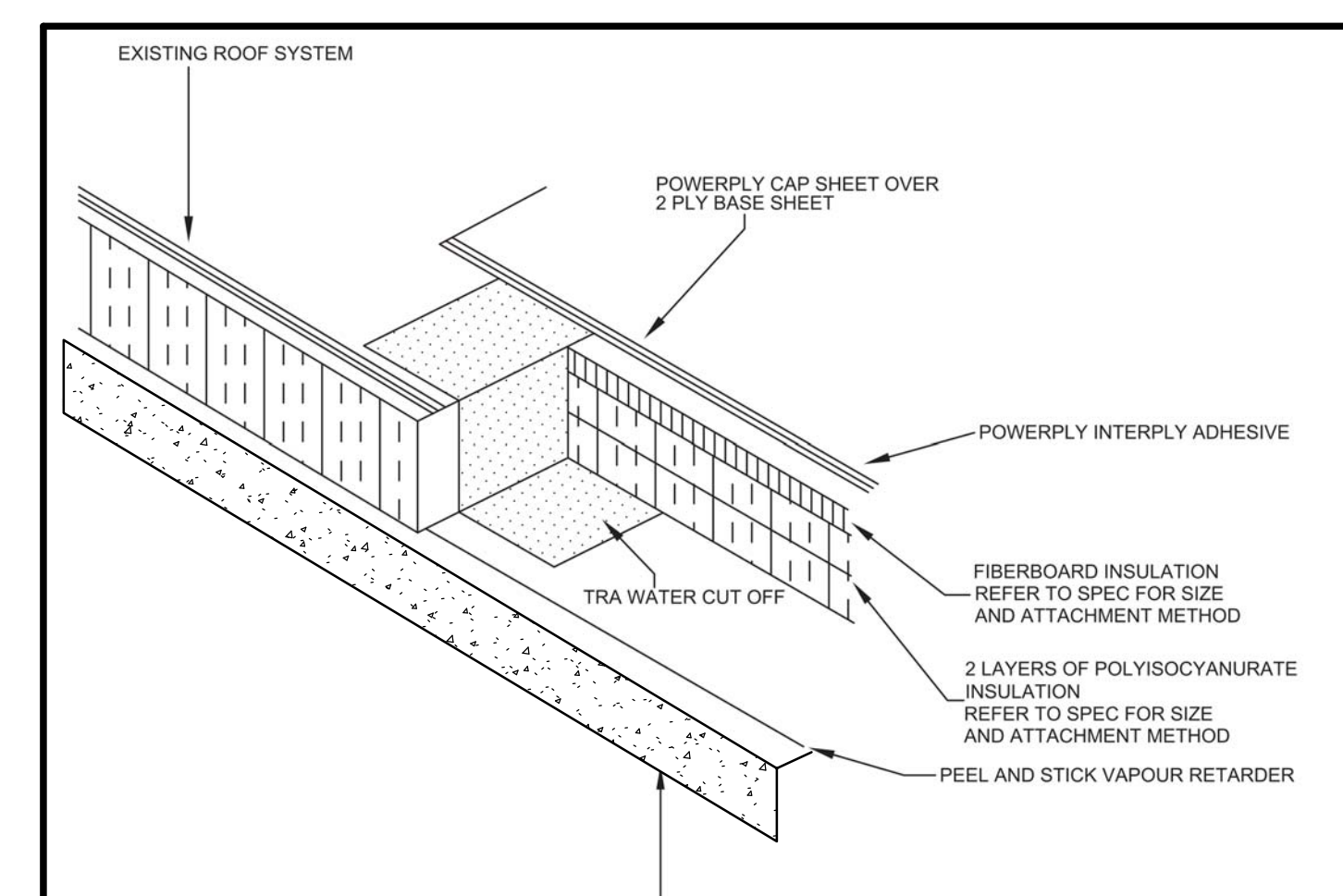
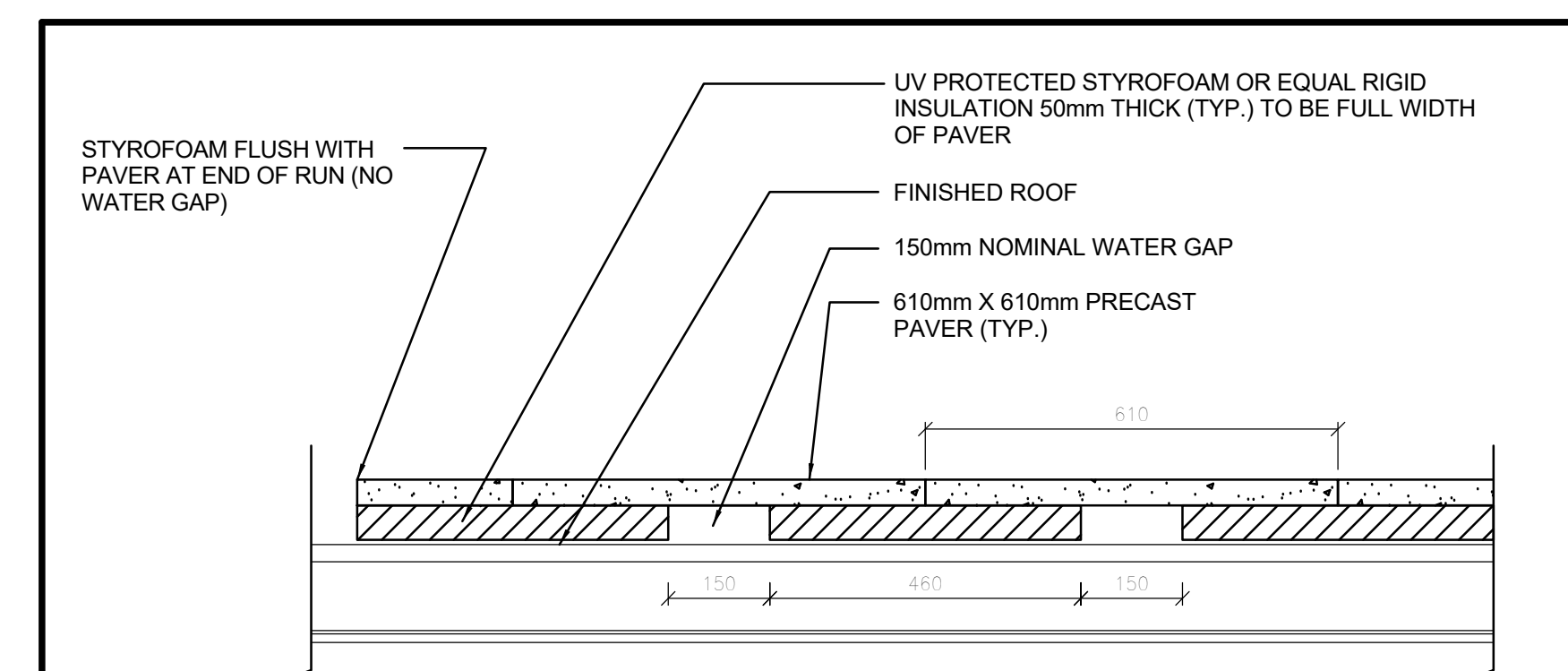
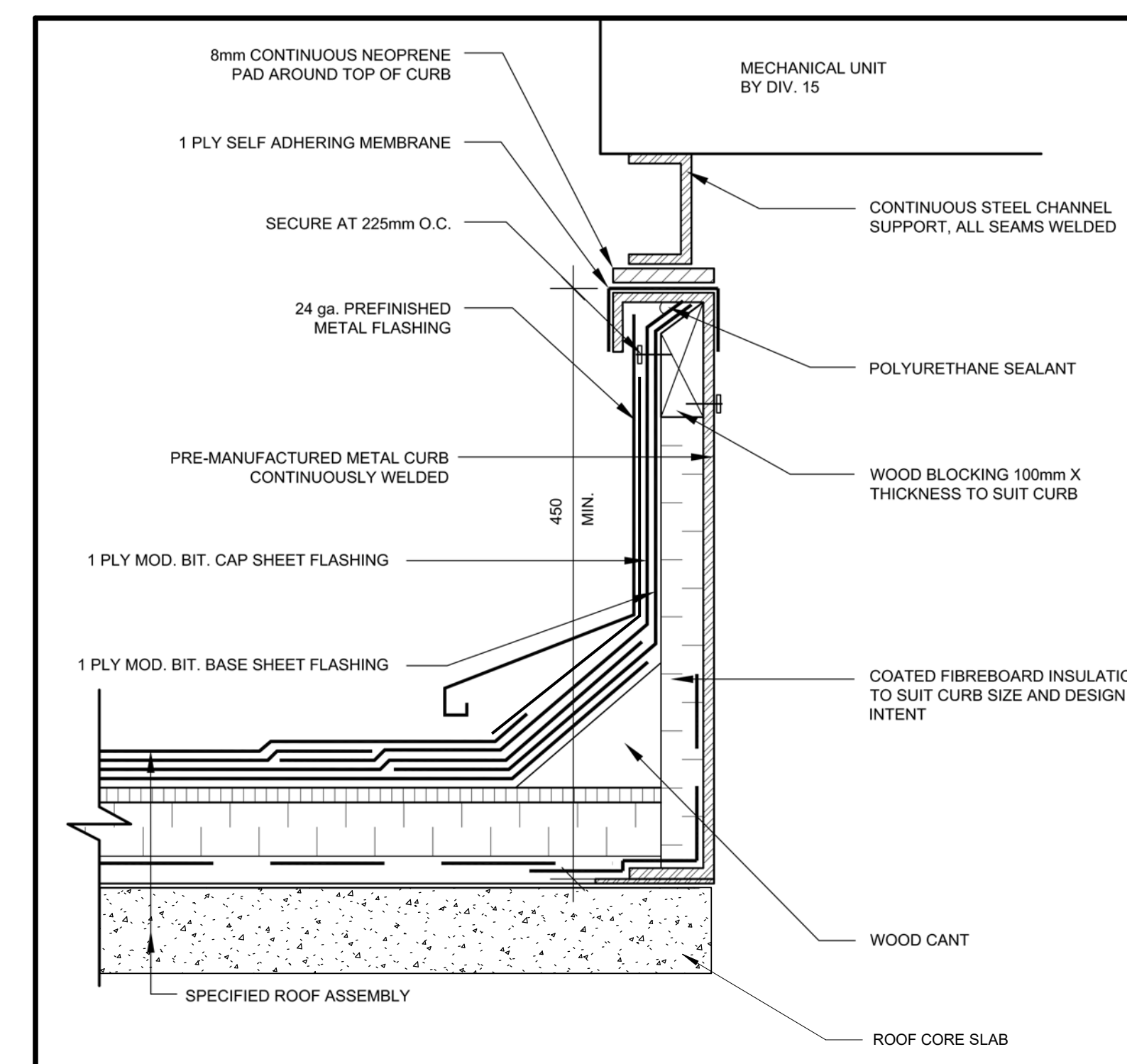
End of Addendum No. 1



Architectural roof plan showing existing roof areas (EX. ROOF) and proposed new roof assembly. The plan includes a gymnasium roof and various roof sections. Key features and annotations include:

- NEW PRECAST PAVERS TO ROOF ACCESS DOOR, APPROXIMATELY 93 NEW PAVERS. REFER TO DETAILS.**
- EX. ROOF** (Existing Roof)
- EX. GYMNASIUM ROOF**
- EX. CHIMNEY TO REMAIN**
- PATCH AND SEAL NEW MECH. THROUGH ROOF. REFER TO MECH. DWGS.**
- PROPOSED OPENING IN ROOF FOR ROOF EXHAUST FAN. REFER TO MECH. DWGS.**
- PATCH AND INFILL OPENINGS THROUGH ROOF TO MATCH EX. ROOFING. WHERE APPLICABLE, LAP OVER NEW TO EX. ROOF MEMBRANES AND VAPOUR BARRIER MIN. 150 mm. REFER TO MECH. DWGS.**
- NEW HVAC UNIT ON NEW ROOF CURB. REFER TO MECH. DWGS FOR INSTALLMENT**
- NEW PRECAST PAVERS. REFER TO DETAILS.**
- NEW ROOF ASSEMBLY INFILL TO MATCH EXISTING LAP OVER NEW TO EX. ROOF MEMBRANES AND VAPOUR BARRIER MIN. 150 mm.**
- SKYLIGHT TO REMAIN. PROTECT DURING CONSTRUCTION**
- EX. PARAPET AND FLASHING TO BE CUT BACK FOR TIE-IN OF NEW CANOPY. REFER TO PROPOSED PLANS AND WALL SECTIONS.**
- PATCH OPENING IN ROOF TO MATCH EX. ROOF. LAP OVER NEW TO EX. ROOF MEMBRANES AND VAPOUR BARRIER MIN. 150mm.**
- PATCH AND MAKE GOOD OPENING THROUGH ROOF, WHERE APPLICABLE, LAP OVER NEW TO EX. ROOF MEMBRANES AND VAPOUR BARRIER MIN. 150 mm.**
- EX. PREFINISHED METAL FLASHING TO REMAIN**
- EX. PARAPET AND FLASHING TO BE CUT BACK FOR TIE-IN OF NEW CANOPY. REFER TO PROPOSED PLANS AND WALL SECTIONS.**
- EX. PREFINISHED METAL FLASHING**
- EX. PARAPET AND FLASHING TO BE CUT BACK FOR TIE-IN OF NEW CANOPY. REFER TO PROPOSED PLANS AND WALL SECTIONS.**

The plan also includes a grid system (X1-X8, CA-XH) and a scale bar (000, 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000, 11000, 12000, 13000, 14000, 15000, 16000, 17000, 18000, 19000, 20000, 21000, 22000, 23000, 24000, 25000, 26000, 27000, 28000, 29000, 30000, 31000, 32000, 33000, 34000, 35000, 36000, 37000, 38000, 39000, 40000, 41000, 42000, 43000, 44000, 45000, 46000, 47000, 48000, 49000, 50000, 51000, 52000, 53000, 54000, 55000, 56000, 57000, 58000, 59000, 60000, 61000, 62000, 63000, 64000, 65000, 66000, 67000, 68000, 69000, 70000, 71000, 72000, 73000, 74000, 75000, 76000, 77000, 78000, 79000, 80000, 81000, 82000, 83000, 84000, 85000, 86000, 87000, 88000, 89000, 90000, 91000, 92000, 93000, 94000, 95000, 96000, 97000, 98000, 99000, 100000, 101000, 102000, 103000, 104000, 105000, 106000, 107000, 108000, 109000, 110000, 111000, 112000, 113000, 114000, 115000, 116000, 117000, 118000, 119000, 120000, 121000, 122000, 123000, 124000, 125000, 126000, 127000, 128000, 129000, 130000, 131000, 132000, 133000, 134000, 135000, 136000, 137000, 138000, 139000, 140000, 141000, 142000, 143000, 144000, 145000, 146000, 147000, 148000, 149000, 150000, 151000, 152000, 153000, 154000, 155000, 156000, 157000, 158000, 159000, 160000, 161000, 162000, 163000, 164000, 165000, 166000, 167000, 168000, 169000, 170000, 171000, 172000, 173000, 174000, 175000, 176000, 177000, 178000, 179000, 180000, 181000, 182000, 183000, 184000, 185000, 186000, 187000, 188000, 189000, 190000, 191000, 192000, 193000, 194000, 195000, 196000, 197000, 198000, 199000, 200000, 201000, 202000, 203000, 204000, 205000, 206000, 207000, 208000, 209000, 210000, 211000, 212000, 213000, 214000, 215000, 216000, 217000, 218000, 219000, 220000, 221000, 222000, 223000, 224000, 225000, 226000, 227000, 228000, 229000, 230000, 231000, 232000, 233000, 234000, 235000, 236000, 237000, 238000, 239000, 240000, 241000, 242000, 243000, 244000, 245000, 246000, 247000, 248000, 249000, 250000, 251000, 252000, 253000, 254000, 255000, 256000, 257000, 258000, 259000, 260000, 261000, 262000, 263000, 264000, 265000, 266000, 267000, 268000, 269000, 270000, 271000, 272000, 273000, 274000, 275000, 276000, 277000, 278000, 279000, 280000, 281000, 282000, 283000, 284000, 285000, 286000, 287000, 288000, 289000, 290000, 291000, 292000, 293000, 294000, 295000, 296000, 297000, 298000, 299000, 300000, 301000, 302000, 303000, 304000, 305000, 306000, 307000, 308000, 309000, 310000, 311000, 312000, 313000, 314000, 315000, 316000, 317000, 318000, 319000, 320000, 321000, 322000, 323000, 324000, 325000, 326000, 327000, 328000, 329000, 330000, 331000, 332000, 333000, 334000, 335000, 336000, 337000, 338000, 339000, 340000, 341000, 342000, 343000, 344000, 345000, 346000, 347000, 348000, 349000, 350000, 351000, 352000, 353000, 354000, 355000, 356000, 357000, 358000, 359000, 360000, 361000, 362000, 363000, 364000, 365000, 366000, 367000, 368000, 369000, 370000, 371000, 372000, 373000, 374000, 375000, 376000, 377000, 378000, 379000, 380000, 381000, 382000, 383000, 384000, 385000, 386000, 387000, 388000, 389000, 390000, 391000, 392000, 393000, 394000, 395000, 396000, 397000, 398000, 399000, 400000, 401000, 402000, 403000, 404000, 405000, 406000, 407000, 408000, 409000, 410000, 411000, 412000, 413000, 414000, 415000, 416000, 417000, 418000, 419000, 420000, 421000, 422000, 423000, 424000, 425000, 426000, 427000, 428000, 429000, 430000, 4



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PRINT DATE	2025-04-08 2:59:03 PM
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April 7, 2025

Client: Hossack Architecture
105-1939 Ironoak Way
Oakville, ON, L6H 3V8

RE: Crestview PS – Office & HVAC Upgrades
Kitchener, ON

Job #: 24342

Attn: Jonathan Knight, B.Arch.Sci., M.Arch., OAA, MRAIC/ Travis Chiem, Adv.Dipl. Arch. Tech.

ADDENDUM 01

MECHANICAL

Item 1

1.0 Reference Specification Section 25 40 11 'Building Control System'

.1 Add Item 1.4.18 as follows:

"Coordinate with TAB contractor on site for VFD settings. VFD minimum settings for general exhaust fans shall be 5% less than total fresh air brought in through unit ventilator ventilation air. As CO₂ calls for additional ventilation (or free cooling function), VFDs shall ramp up to match airflows. Provide static pressure sensors if required. Lockout maximum free cooling function based on exhaust system ductwork capabilities and noise feedback, estimated to be 50% free cooling available through unit ventilators. Review final minimum airflows with DEI during construction."

Item 2

2.0 Reference Drawing M01

.1 Revise Item L-1 as follows:

Type:

WALL MOUNTED LAV ELECTRONIC FAUCET

Acceptable Manufacturer:

AMERICAN STANDARD LUCERNE 355.012, KOHLER BRENHAM K-1997, ZURN Z5344

Fixture Description:

WALL-HUNG SINK, VITREOUS CHINA, WITH SPLASH LIP, SUPPLY OPENINGS ON 100 MM (4") CENTRES, OVERFLOW. SIZE: 540 MM X 464 MM (21 1/2" X 18 1/4")

Accessory Description:

WASTE FITTING: OPEN GRID STRAINER. PROVIDE FLOOR MOUNTED WALL CARRIER. THERMOSTATIC MIXING VALVE UNDER LAV. DELTA R3070-MIXLF, POWERS LM490 OR EQUAL.

.2 Revise Item L-2 as follows:

Type:

B.F. WALL MOUNTED LAV ELECTRONIC FAUCET

Acceptable Manufacturer:

AMERICAN STANDARD MURRO 0954 000, KOHLER PINOIR K-2035-4-0

Fixture Description:

WALL-HUNG SINK, VITREOUS CHINA, WITH SPLASH LIP, SUPPLY OPENINGS ON 100 MM (4") CENTRES, OVERFLOW. SIZE: 560 MM X 530 MM (22 1/16" X 20 7/8").



Accessory Description: INSULATION: INSULATE WASTE AND SUPPLIES WITH UL LISTED PREFORMED INSULATION SYSTEM COMPLETE WITH SEAMLESS JACKET. WASTE FITTING: NPS 32 MM (1¼") OFFSET WASTE WITH OPEN GRID STRAINER. PROVIDE FLOOR MOUNTED WALL CARRIER THERMOSTATIC MIXING VALVE UNDER LAV. DELTA R3070-MIXLF, POWERS LM490 OR EQUAL.

Item 3

3.0 Reference Drawing M04

- .1 Revise Note 21 in 'Specific Demolition Notes' to read as follows: "EXISTING STANDPIPE BACKFLOW TO BE CUT AND RELOCATED AS INDICATED".

Item 4

4.0 Reference Drawing M07 and Attached Sketch AD01-M07

- .1 Add 20 mm domestic recirculation piping complete with isolation and balancing valves as shown on attached sketch AD01-M07.
- .2 Revise backflow device type and note at relocated water entrance to be as shown on attached sketch AD01-M07.
- .3 Revise the size of domestic water service to school to be 50 mm.
- .4 Revise L-2 and WC-2 on 'Water Rm/Health Room Plumbing Part Plan' to be L-1 and WC-1.

Item 5

5.0 Reference Drawings M09 through M11

- .1 Revise notes at roof mounted heat pumps to read as follows: "INSTALL HEAT PUMP UNIT ON STAND. REFER TO DETAIL. (TYP)".

Item 6

6.0 Reference Drawing M12 and Attached Sketches AD01-M12A, AD01-M12B, AD01-M12C, and AD01-M12D

- .1 Revise details as shown on attached sketches AD01-M12A, AD01-M12B, AD01-M12C, and AD01-M12D.

ELECTRICAL**Item 1**

1.0 Reference Drawing E01

- .1 Existing underground electrical service is to be abandoned, electrical contractor to disconnect from existing switchboard and source.

Item 2

2.0 Reference Drawing E02 and Attached Sketch ADD1-E01

- .1 All data and voice drops are to be rough-in only.
- .2 Added ceiling mounted emergency battery unit to legend.
- .3 Added note to key plan indicating location of security panel.

Item 3

3.0 Reference Drawing E13 and Attached Sketch ADD1-E02

- .1 Electrical contractor to provide additional battery units with emergency heads added to lobby and copy/OSR room. Refer to attached sketch ADD1-E02.
- .2 Revised water meter room battery unit to be wall mounted. Remove the exit sign within the water meter room. Refer to attached sketch ADD1-E02.



- .3 All new exit signs to have dedicated circuit. Refer to attached sketch ADD1-E02.

Item 4

4.0 Reference Drawing E16 and Attached Sketch ADD1-E03

- .1 Electrical contractor to provide additional smoke detectors and alarm bell within corridor A107. Devices are to be tied into existing initiating and alarm circuits. Refer to attached sketch ADD1-E03.
- .2 Electrical contractor to provide heat detector in Copy/OSR Room A103. Refer to attached sketch ADD1-E03.
- .3 Conduit run from Elec Room A119 to existing Boiler Room X136 added to plans for clarity. Refer to attached sketch ADD1-E03.

Item 5

5.0 Reference Drawing E21 and Attached Sketches ADD1-E04 and ADD1-E05

- .1 Electrical contractor to provide 30A L5-30R receptacle on backboard for UPS at IT rack location. Provide new 30A-1P breaker in Panel RO. Refer to attached sketch ADD1-E04.
- .2 WRDSB phase loss relay detail added to drawings for reference regarding phase loss relay scope for new switch board. Refer to attached sketch ADD1-E05.
- .3 Electrical contractor to provide a junction box and dedicated weatherproof receptacle for remote meter antenna. Additional clarifying notes added to drawing regarding this scope. Refer to attached sketch ADD1-E04.
- .4 Removed alarm bell in the electrical room from scope. Refer to attached sketch ADD1-E04.
- .5 Electrical contractor to provide 30A-3P breaker within Panel RO for surge protection device. Refer to attached sketch ADD1-E04.

Item 6

6.0 Reference Drawing E22

- .1 Electrical contractor to refer to Detail H/E03 for all meter requirements for utility connections and information regarding remote metering requirements.
- .2 Electrical contractor to provide minimum mounting space for two (2) new 100A-3P and one (1) 200A-3P future branch devices. Include mounting hardware for all spare breakers within the new switchboard.
- .3 Electrical contractor to refer to Detail D/E21 for more information for phase loss relay for switchboard.

Item 7

7.0 Reference Drawing E24 and Attached Sketch ADD1-E06

- .1 All battery units and exit signs are to provide a minimum of 90 minutes of emergency power. Catalogue number and descriptions revised to suit requirements. Refer to attached sketch ADD1-E06.
- .2 Removed combo units from light fixture schedule.



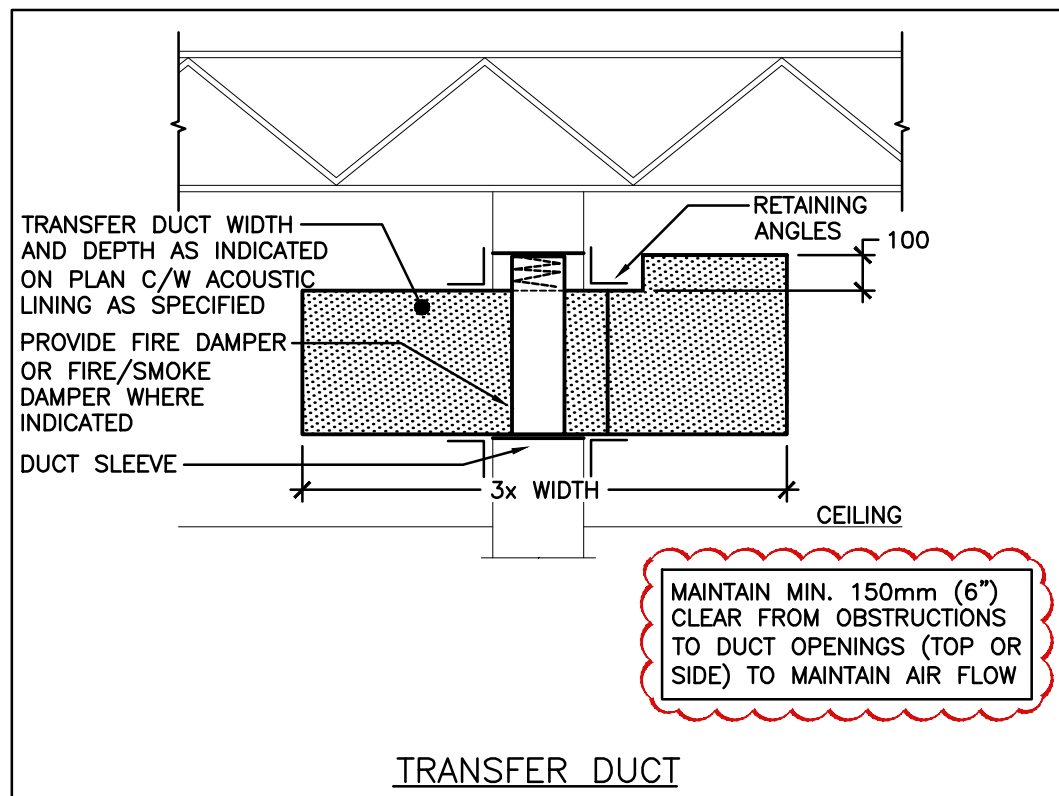
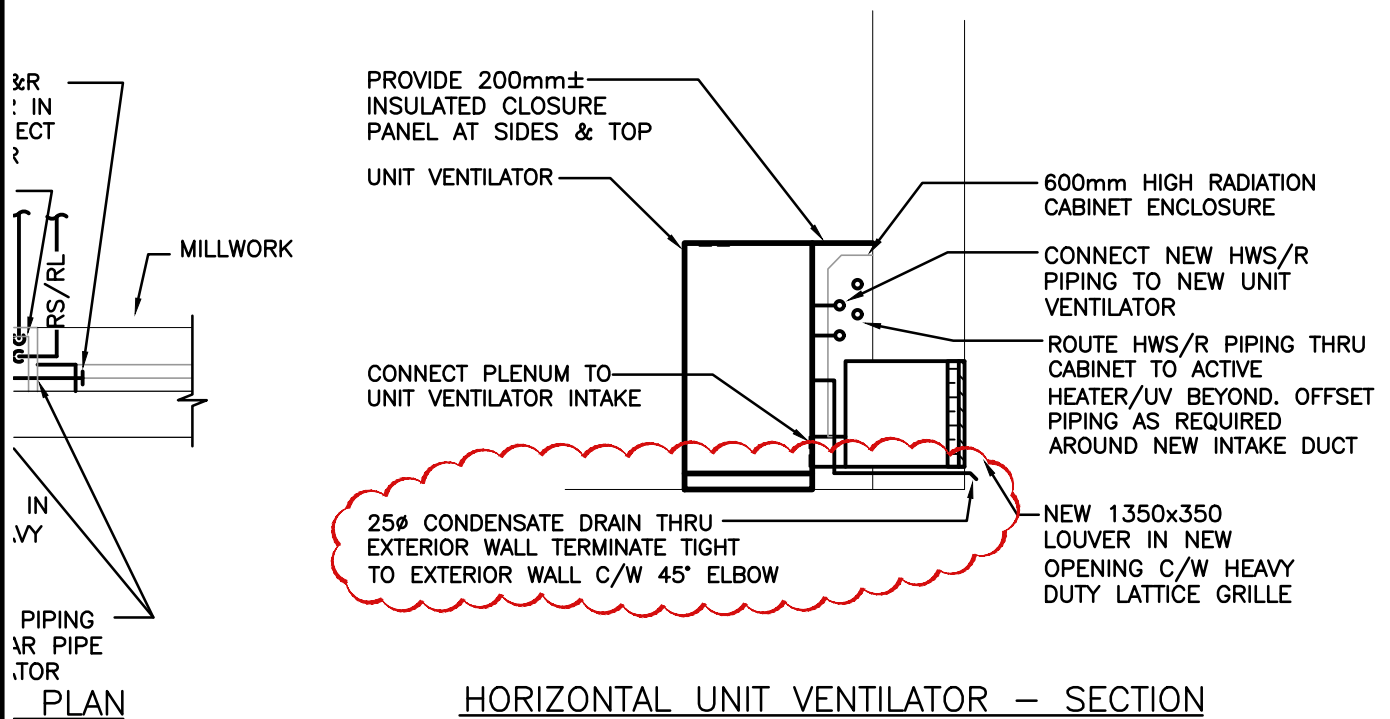
Chris Beach, C.Tech.

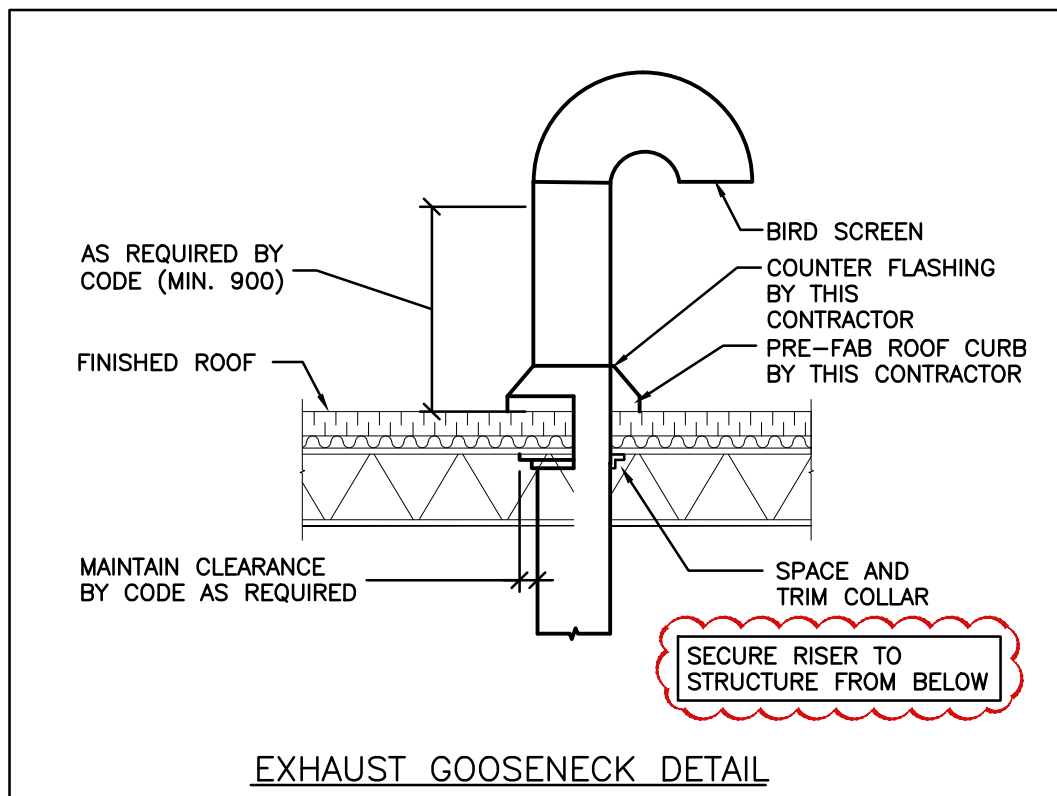
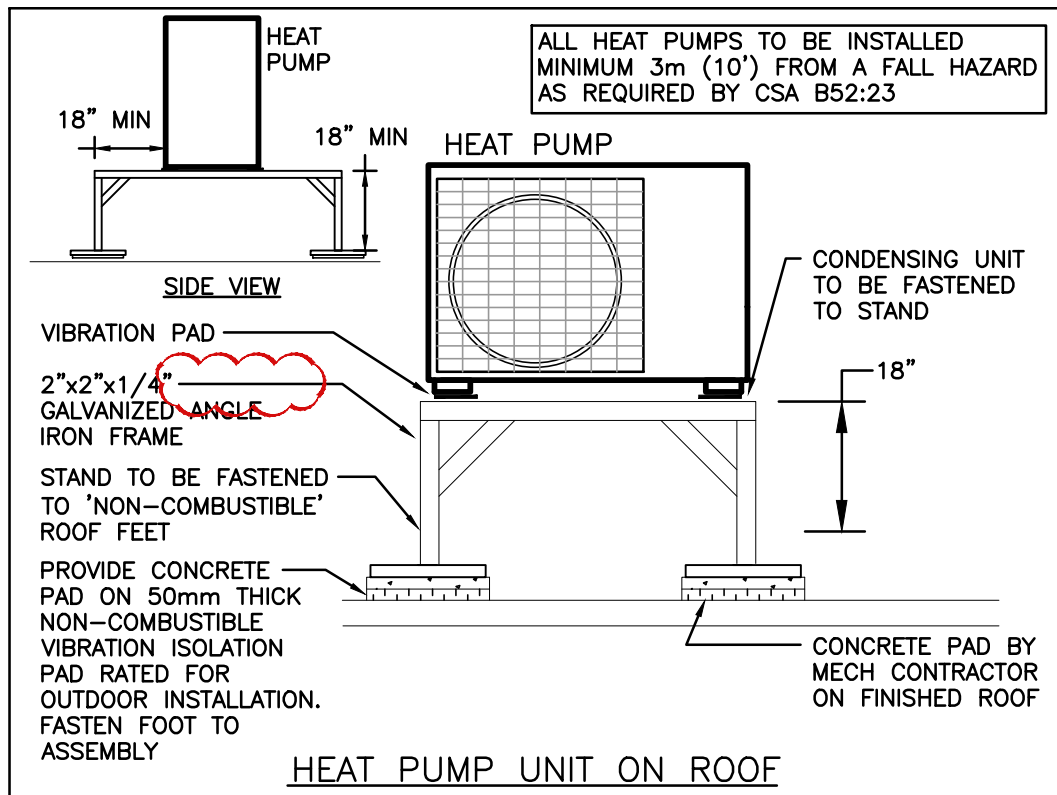
Mechanical Designer

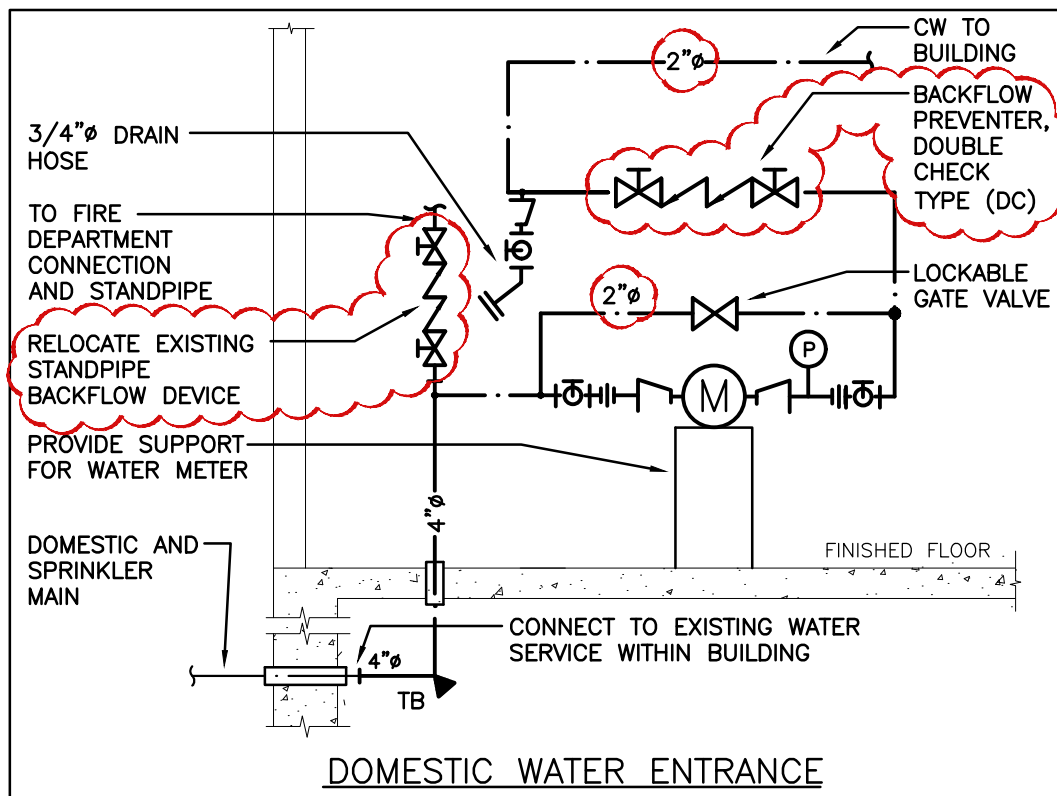
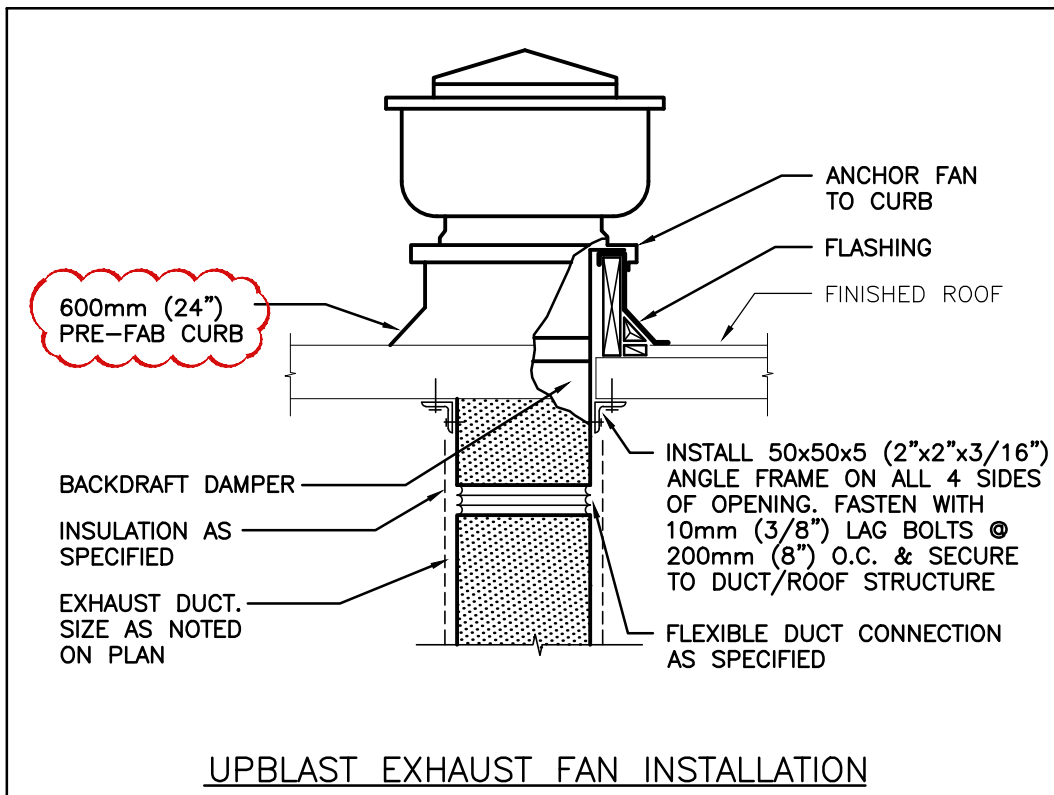
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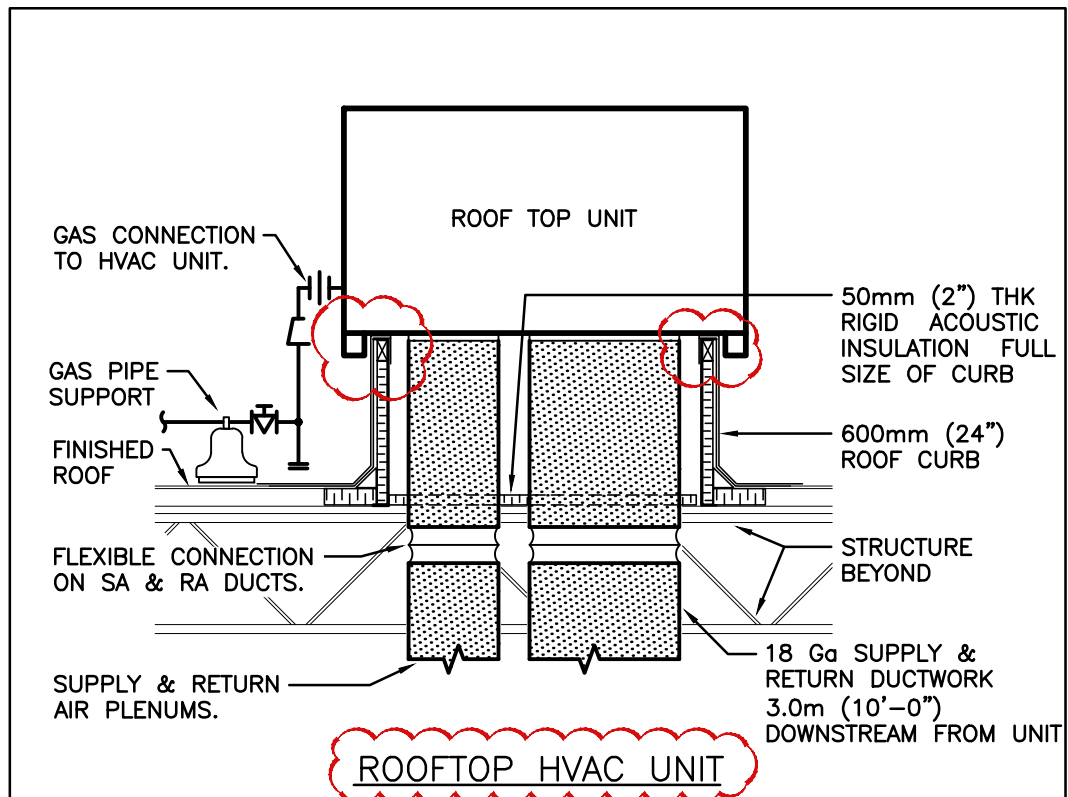


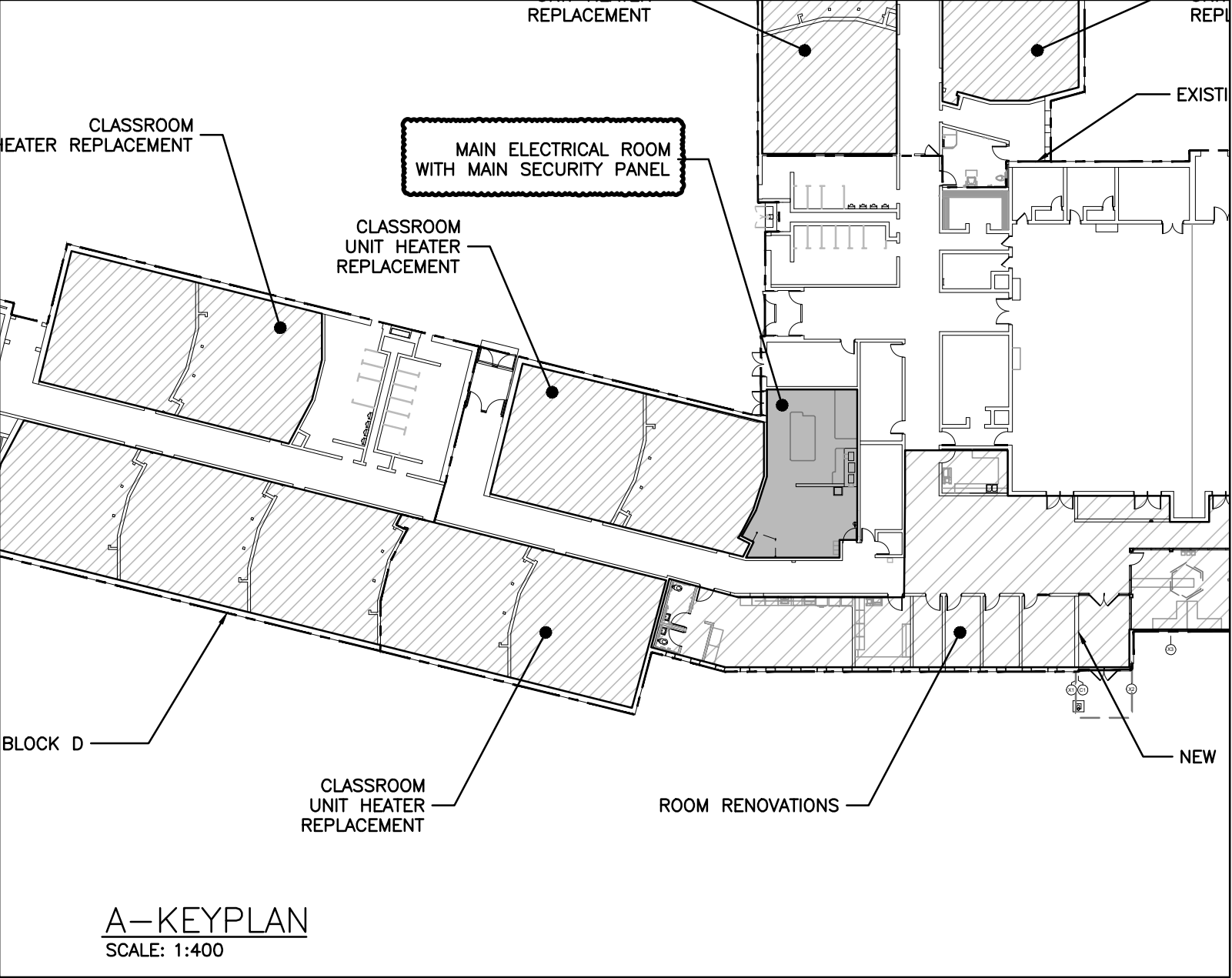






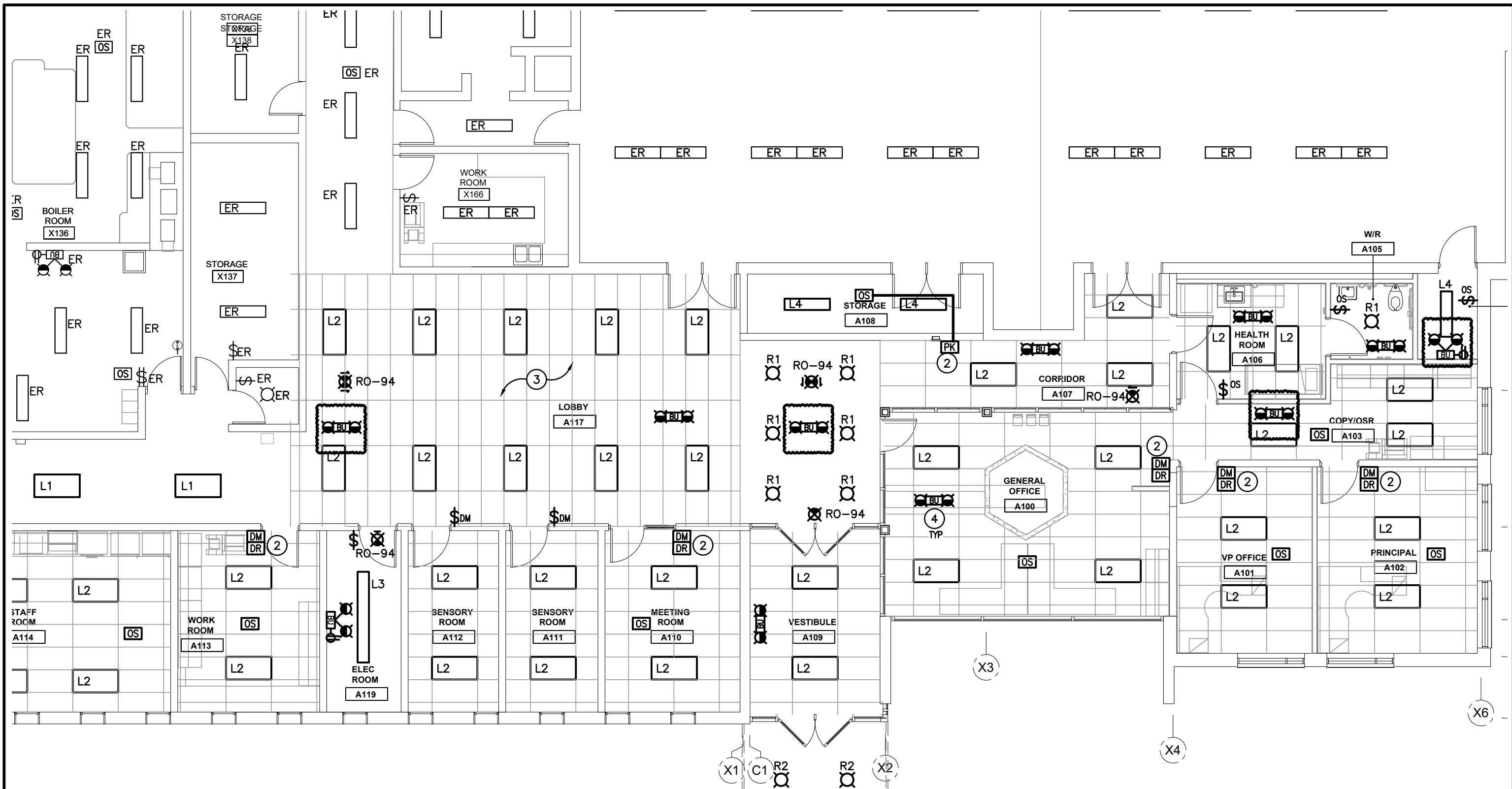






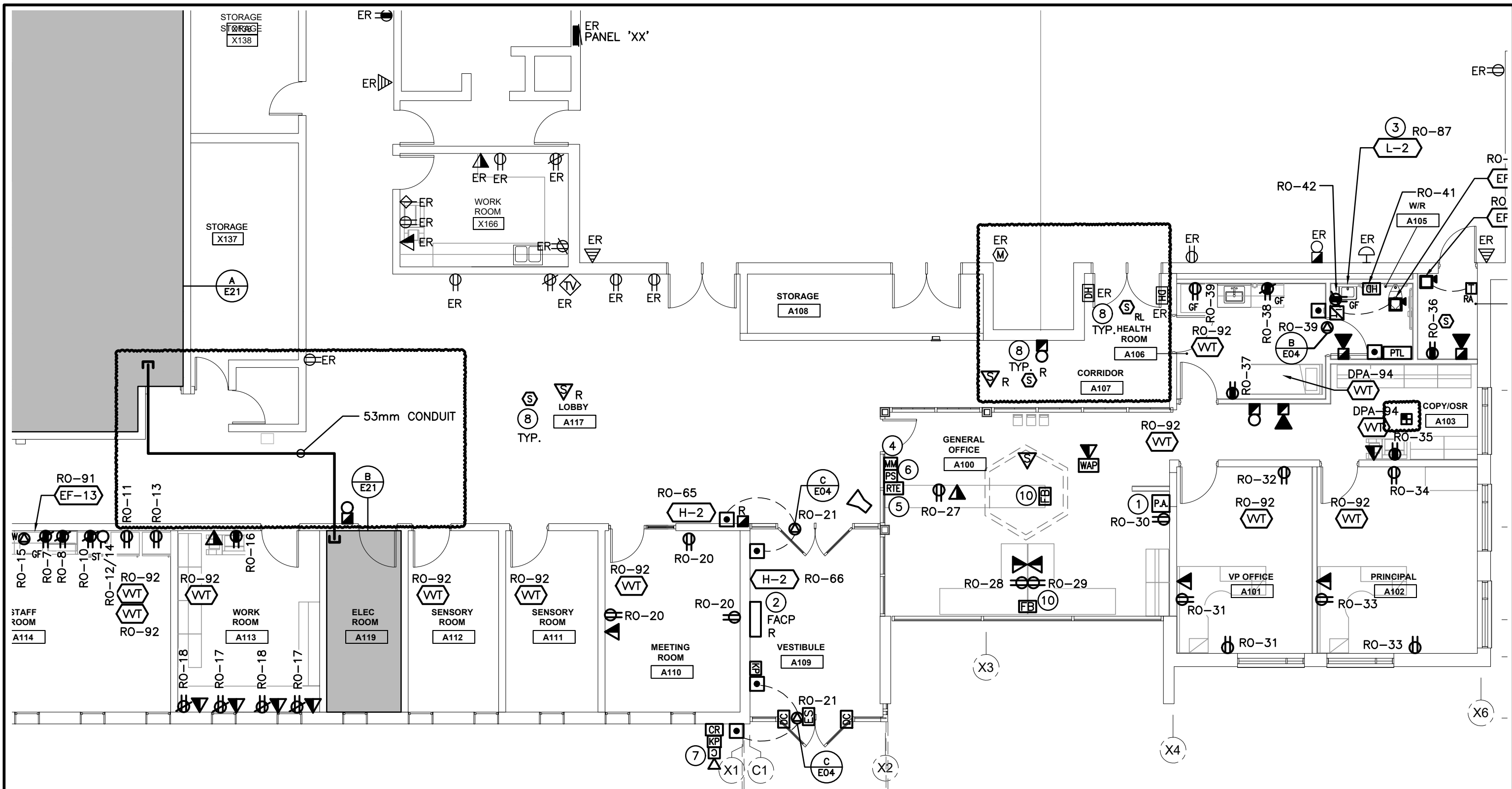


ELECTRICAL SYMBOLS	
COMMUNICATIONS	LIGHTING
 VOICE DATA	 CEILING MOUNTED BATTERY UNIT WITH INTEGRAL EMERGENCY FIXTURE.
COMBINATION SINGLE VOICE/ SINGLE COMPUTER OUTLET UNLESS OTHERWISE NOTED C/W 1" (27mm) C TO CABLE MANAGEMENT SYSTEM. ROUGH-IN ONLY	



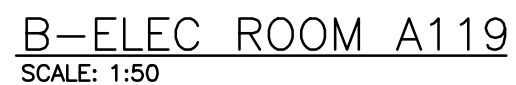
A-BLOCK C LIGHTING RENOVATION PLAN

SCALE: 1:100

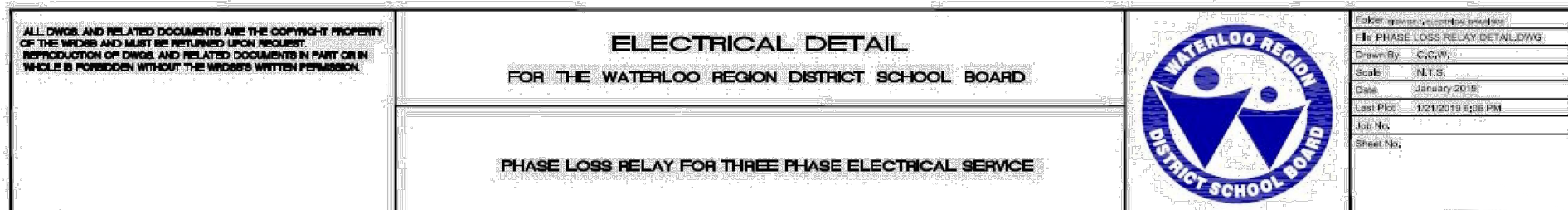


A-BLOCK C POWER & SYSTEMS RENOVATION PLAN

SCALE: 1:100



- 1 INDICATES PHASE LOSS RELAY JUNCTION BOX TO BE MOUNTED TO ADJACENT SWITCHBOARD. REFER TO DISTRIBUTION RISER FOR FURTHER DETAILS. PROVIDE 35mm C/W CATE5E TO SECURITY PANEL, FOR USE BY BOARD SECURITY VENDOR TO TERMINATE AND MONITOR PHASE LOSS RELAY STATUS.
- 2 INDICATES APPROXIMATE LOCATION FOR 208V SECONDARY SERVICE DUCTS INTO SWITCHBOARD WIREWAY. REFER TO SITE PLAN FOR FURTHER INFORMATION. DUCT PENETRATIONS AT FOUNDATION WALLS TO BE SEALED INSIDE AND OUT.
- 3 INDICATES EXISTING METER CABINET TO BE REMOVED ONCE NEW ELECTRICAL SERVICE HAS BEEN ENERGIZED COORDINATION WITH UTILITY.
- 4 INDICATES LOCATION OF RELOCATED IT RACK, ELECTRICAL CONTRACTOR TO EXTEND ALL EXISTING CABLE RUNS TO NEW LOCATION.
- 5 INDICATES 2-78mm CONDUIT TO CORRIDOR CABLE MANAGEMENT SYSTEM.
- 6 INDICATES 8"x8"x4" NEAM JUNCTION BOX LOCATED 1.5m (5.0') \pm 150mm(6") FROM FINISHED GRADE FOR REMOTE ANTENNA. ALONG WITH DEDICATED WEATHERPROOF RECEPTACLE.



SCALE: NTS

LIGHT FIXTURE SCHEDULE							
Item	Manufacturer/Catalog Number	Voltage	Lamp	Mounting	CRI	Listings	Description
EXIT LIGHTS (SELF-POWERED)	AIMLITE CAT. #RPALWUMWHTBATATD STANPRO CAT. #RMXLO-WH-IB-AT EQUAL BY LUMACELL	12V/120V	LED 2.5 WATT (MAX.)AC 2 WATT (MAX.)DC	SURFACE	N/A	N/A	LED EXTRUDED ALUMINUM PICTOGRAM FIXTURE C/W GREEN FACE AND WHITE LEGEND, UNIVERSAL MOUNTING TO SUIT WALL, END OR CEILING, MAXIMUM 2.5" (63MM) THICKNESS AND 12V INTERNAL SEALED RECHARGABLE BATTERY PROVIDING MINIMUM 90 MINUTES OF EMERGENCY POWER, AND AUTOTEST FEATURE. FACES AND CHEVRONS TO SUIT DRAWINGS.
EMERG. LIGHTS	AIMLITE CAT. #EBWL-EM-WHT-XX-2-ATD-VDR STANPRO CAT. #SWL-EM-WH-120-AT-TP-90 LUMACELL CAT.#LBL-EM C/W KIT-5R-L	12V	LED 2-4W PAR18	SURFACE	N/A	N/A	LONG LIFE, SEALED RECHARGABLE VANDAL RESISTANT BATTERY C/W ADJUSTABLE 14W LED MODULES, POLYCARBONATE BODY, 90 MINUTE BATTERY DURATION, SURFACE AND RECESSED CEILING/T-BAR MOUNTING AS NOTED ON PLANS, AND AUTOTEST FEATURE. UNIT SHALL BE LISTED FOR CAPACITY OF 90 MINUTES MINIMUM.
EMERG. BATT.	AIMLITE #EBST12 SERIES: EM-1 #EBST12036-2SM4WLRWHT-ATD STANPRO CAT. #SLX12 SERIES EM-1 #SLA12036-2N4LJ/AT LUMACELL CAT. #RGS SERIES EM-1 #RG12S361LD7ATN	12V/120V	LED 2-4W MR16	SURFACE	N/A	N/A	LONG LIFE, SEALED RECHARGABLE BATTERY PROVIDING MINIMUM EMERGENCY WATAGE AS NOTED BY THE CATALOGUE NUMBER C/W MICRO SIZE 12V 4W (MINIMUM) LED HEADS AND AUTOTEST FEATURE. UNIT SHALL BE LISTED FOR CAPACITY OF 90 MINUTES MINIMUM.
NOTES: ① LED LUMEN VALUES QUOTED FOR FIXTURES ARE TO BE CONSIDERED MINIMUM, AND AS ABSOLUTE OR DELIVERED LUMENS. LUMEN VALUES SHOULD NOT EXCEED MORE THAN 10% OF SPECIFIED OUTPUT. ② IF THERE ARE ANY DISCREPANCIES BETWEEN THE FIXTURE PART NUMBER AND DESCRIPTION, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO BRING THESE TO THE ELECTRICAL CONSULTANT'S ATTENTION PRIOR TO TENDER CLOSE. NO EXTRAS WILL BE ENTERTAINED FOR FAILURE TO DO SO. FINAL FIXTURE CHARACTERISTICS AND DESCRIPTION WILL BE MARKED BY CONSULTANT AT TIME OF SHOP DRAWING REVIEW.							