

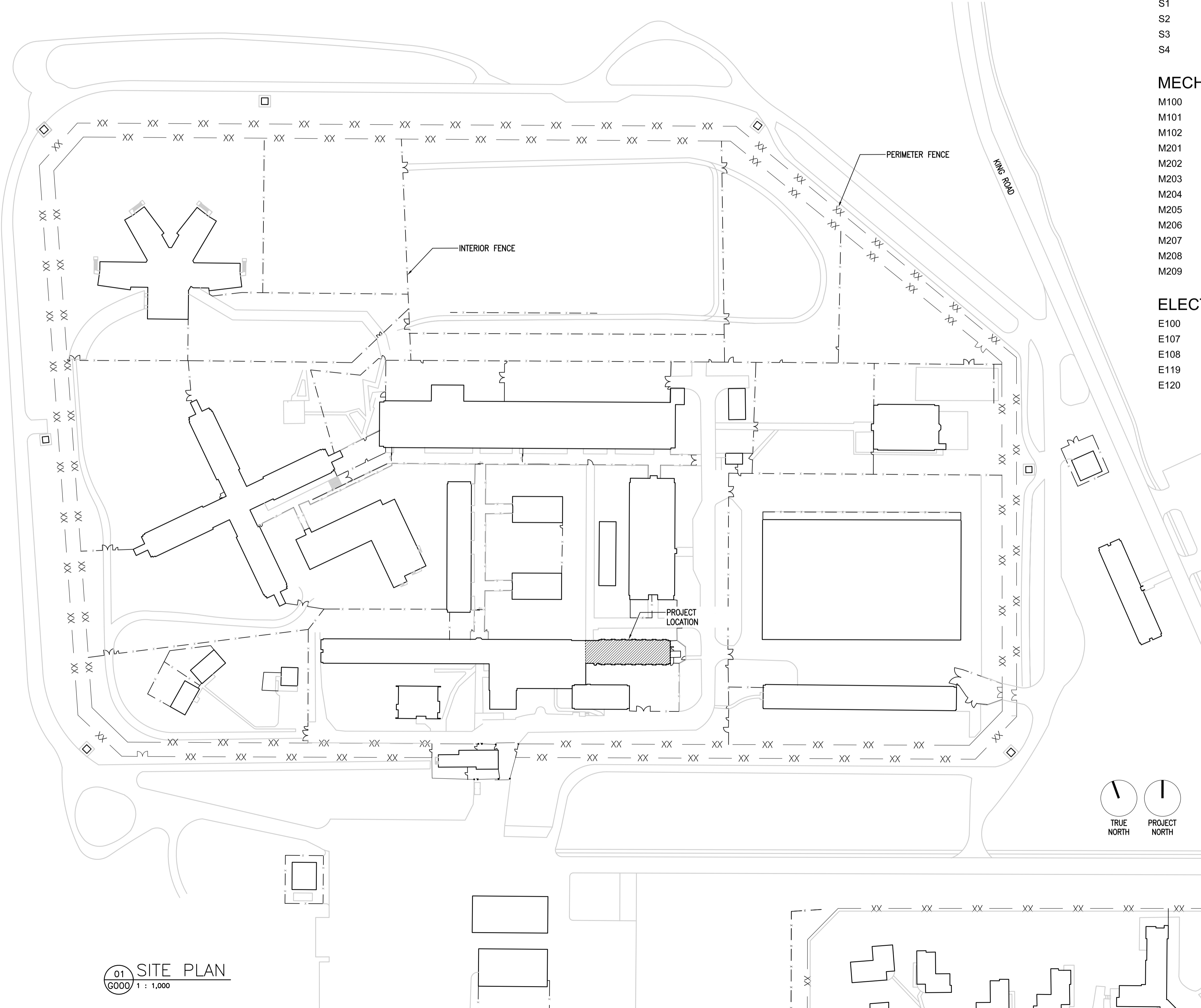
CORRECTIONAL SERVICE CANADA MATSQUI INSTITUTION LIVING UNIT 5 UNDERSLAB SUPPLY VENTING REPAIR 33344 KING ROAD, ABBOTSFORD, BC

- ARCHITECTURAL DRAWING LIST**
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 - G001 ABBREVIATIONS, SYMBOL LEGEND, AND GENERAL NOTES
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 - A102 GROUND FLOOR AND BASEMENT MECHANICAL ROOM PLANS
 - A501 DETAILS
 - A502 DETAILS
 - A503 DETAILS
 - A801 EXISTING CONDITION PHOTOGRAPHS
 - A802 EXISTING CONDITION PHOTOGRAPHS

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 - S2 FIRST FLOOR PLAN & DETAILS
 - S3 SECOND FLOOR PLAN & ROOF PLAN
 - S4 SECTIONS AND DETAILS

- MECHANICAL DRAWING LIST**
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 - M102 PHOTOS
 - M201 MECHANICAL - FIRST AND SECOND FLOOR PLANS - RENO
 - M202 MECHANICAL - ROOF PLAN - RENO
 - M203 MECHANICAL - BASEMENT PLAN - DEMO & RENO
 - M204 MECHANICAL - SECTIONS
 - M205 MECHANICAL - SCHEMATIC
 - M206 PLUMBING - RAIN WATER LEADERS & SERVICE CHASE
 - M207 FIRE PROTECTION - FIRST FLOOR
 - M208 MECHANICAL - DETAILS
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- ELECTRICAL DRAWING LIST**
- E100 SITE PLAN, LEGEND, DRAWING LIST AND DETAILS
 - E107 M2d 2ND LEVEL FLOOR PLAN - POWER/LIGHTING LAYOUT
 - E108 M2c MAIN LEVEL FLOOR PLAN - POWER/LIGHTING LAYOUT
 - E119 M2c & M2d - PANEL 'EH' SCHEDULE/SINGLE LINE DIAGRAM MAIN FLOOR
 - E120 M2c/M2d ROOF PLAN - NEW POWER/LIGHTING LAYOUT



01 SITE PLAN
G000 1 : 1,000

- PRIME CONSULTANT**
- MECHANICAL
INTEGRAL GROUP
- CONSULTANTS**
- ARCHITECTURAL
MGB ARCHITECTURE INC.
- STRUCTURAL
CWMM CONSULTING ENGINEERS LTD.
- ELECTRICAL
WSP CANADA GROUP LIMITED
- HAZARDOUS MATERIAL ASSESSMENT
STANTEC CONSULTING LTD.



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Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
ABBOTSFORD, BRITISH COLUMBIA
33344 KING ROAD
MATSQUI INSTITUTION LIVING UNIT 5
**MATSQUI LIVING UNIT 5
UNDERSLAB SUPPLY
VENTING REPAIR**

Consultant Signature Only

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PREETIPAL FAUL

Drawing title/Titre du dessin

TITLE SHEET & OVERALL SITE PLAN

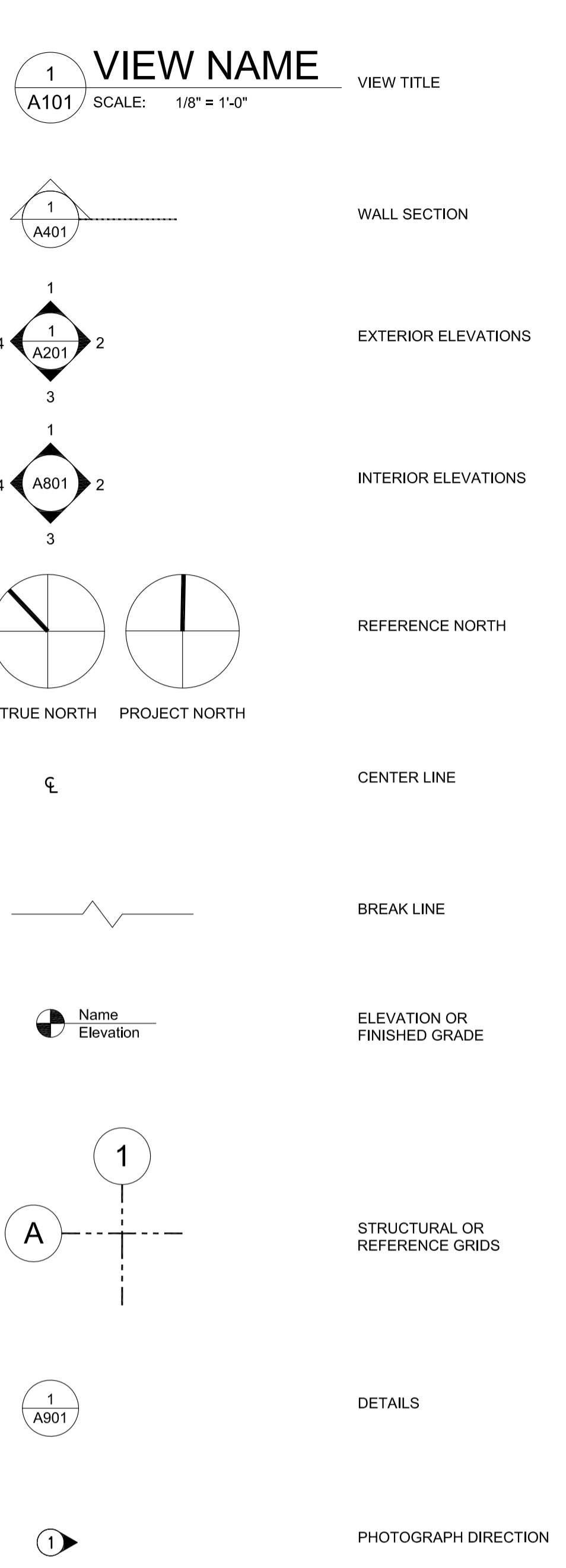
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ABBREVIATIONS

AB ANCHOR BOLTS	HMF HOLLOW METAL FRAME
A/C AIR CONDITIONING	HR HORIZONTAL
ACoust ACoustICAL	HP HIGH POINT
ACT ACoustICAL CEILING TILE	HR HOUR
ADDN ADDITION / ADDITIONAL	HSS HOLLOW STRUCTURAL STEEL
AFF ABOVE FINISHED FLOOR	HT HEIGHT
AHJ AUTHORITY HAVING JURISDICTION	ID INSIDE DIAMETER
AHU AIR HANDLING UNIT	IHM INSULATED HOLLOW METAL
ALUM ALUMINUM	IN INCH
ALT ALTERNATE	INCL INCLUDE(S) / INCLUDING
ANCH ANCHOR(AGE)	INFO INFORMATION
ANOD ANODIZED	INSUL INSULATION
APPR APPROVED	INT INTERIOR
APPROX APPROXIMATELY	JST JOIST
ARCH ARCHITECT / ARCHITECTURAL	KPL KICKPLATE
ARGB ABUSE RESISTANT GYPSUM BOARD	LAM LAMINATE
ASB ASBESTOS	LAV LAVATORY
ASPH ASPHALT	LB POUND
ASSY ASSEMBLY	LF LINEAR FOOT
AUTO AUTOMATIC	LT LIGHT
BD BOARD	LTG LIGHTING
BIT BITUMINOUS	MAINT MAINTENANCE
BLDg BUILDING	MAN MANUAL
BLK BLOCK	MATL MATERIAL
BLKG BLOCKING	MAX MAXIMUM
BM BEAM	MDF MEDIUM DENSITY FIBREBOARD
BRG BEARING	MECH MECHANICAL
BTWN BETWEEN	MEMB MEMBRANE
BUR BUILT-UP ROOF	MET METAL
C CELSIUS	MEZZ MEZZANINE
CAB CABINET	MFG MANUFACTURER / MANUFACTURED
CAP CAPACITY	MILWK MILLWORK
CB CHALKBOARD	MIN MINIMUM
CEM CEMENT	MISC MISCELLANEOUS
CH CHANNEL	MLDG MOULDING
CG CORNER GUARD	MSNRY MASONRY
CBB CEMENT BACKER BOARD	MTD MOUNTING
CJ CONTROL JOINT	MTL METAL
CL CENTER LINE	NA NOT APPLICABLE
CLG CEILING	NIC NOT IN CONTRACT
CLG HT CEILING HEIGHT	NO OR # NUMBER
CLR CLEAR	NOM NOMINAL
CMU CONCRETE MASONRY UNIT	NR NON-RATED
CO CLEAN OUT	NTS NOT TO SCALE
COL COLUMN	OC ON CENTER
COMM COMMUNICATION	OD OUTSIDE DIAMETER
CONC CONCRETE	OH OVERHEAD
CONST CONSTRUCTION	OPNG OPENING
CONT CONTINUOUS	ORD OVERFLOW ROOF DRAIN
CONTR CONTRACTOR	ORIG ORIGINAL
COORD COORDINATE	OZ OUNCE
CORR CORRIDOR	PART PARTIAL
CRS COURSE(S)	PBD PARTICLE BOARD
CSK COUNTERSINK	PC PRECAST
CSMT CASEMENT	PERP PERPENDICULAR
CT CERAMIC TILE	PL PLATE
CTR CENTER(ED)	PLAM PLASTIC LAMINATE
CU CUBIC	PLAS PLASTER
CUH CABINET UNIT HEATER	PLBG PLUMBING
DBL DOUBLE	PLYWD PLYWOOD
DEG DEGREE	PNL PANEL
DEMO DEMOLITION	PR PAIR
DEPT DEPARTMENT	PRCST PRECAST
DET DETAIL	PREFAB PREFABRICATED
DIA DIAMETER	PREFIN PREFINISHED
DIFF DIFFUSER	PSF POUNDS PER SQUARE FOOT
DIM DIMENSION	PT PRESSURE TREATED
DIST DISTANCE	PTD PAINTED
DMPFG DAMPROOFING	PVC POLYVINYLCHLORIDE
DN DOWN	PTN PARTITION
DR DOOR	QT QUARRY TILE
DS DOWNSPOUT	RA RETURN AIR
DWG DRAWING	RAD RADIUS
EA EACH	RB RUBBER
EF EXHAUST FAN	RCP REFLECTED CEILING PLAN
EIFS EXTERIOR INSULATION FINISH SYSTEM	RD ROOF DRAIN
EL ELEVATION	RE RESTRAINED
ELEC ELECTRICAL	REFR REFRIGERATOR
ELEV ELEVATOR	REINF REINFORCE (D) (ING) (MENT)
EJ EXPANSION JOINT	REQD REQUIRED
EMERG EMERGENCY	RESIL RESILIENT
EPDM ETHYLENE PROPYLENE DIENE MONOMER	REV REVISE / REVISION
EQ EQUAL	RFG ROOFING
EQUIP EQUIPMENT	RFS RAISED FLOOR SYSTEM
ETR EXISTING TO REMAIN	RM ROOM
EXH EXHAUST	RND ROUND
EXIST EXISTING	RO ROUGH OPENING
EXP EXPANDED / EXPANSION	RTU ROOFTOP UNIT
EXP JT EXPANSION JOINT	RWL RAINWATER LEADER
EXST EXISTING	SB SPLASH BLOCK
EXT EXTERIOR	SC SCUPPER
EXTR EXTRUDED	SCHED SCHEDULE
F FAHRENHEIT	SCW SOLID CORE WOOD
FA FIRE ALARM	SD STORM DRAIN
FAB FABRICATE(D)	SECT SECTION
FD FLOOR DRAIN	SF SQUARE FOOT / SQUARE FEET
FDC FIRE DEPARTMENT CONNECTION	SFT STRUCTURAL GLAZED FACING TILE
FE FIRE EXTINGUISHER	SHT SHEET
FEC FIRE EXTINGUISHER CABINET	SHTHG SHEATHING
FF FINISHED FLOOR	SIM SIMILAR
FG FIBERGLASS	SJ SEISMIC JOINT
FHC FIRE HOSE CABINET	SLR SEALER
FIG FIGURE	SQ SQUARE
FIN FINISH	SS SOLID SURFACE
FIN GR FINISH GRADE	S/S STAINLESS STEEL
FIXT FIXTURE	SSTL STRUCTURAL STEEL
FL FLASHING	ST STAIN
FLR FLOOR	STC SOUND TRANSMISSION CLASS
FLR FIN FLOOR FINISH	STD STANDARD
FLRG FLOORING	STL STEEL
FOC FACE OF CONCRETE	STOR STORAGE
FOF FACE OF FINISH	STRUCT STRUCTURAL
FOM FACE OF MASONRY	SUBST SUBSTRATE
FOS FACE OF STUD	SUSP SUSPEND(ED) / SUSPENSION
FOW FACE OF WALL	TB THERMAL BREAK
FPR FIRE PROTECTION RATING	TBD TO BE DETERMINED
FFRF FIRE PROOFING	TEMP TEMPERATURE
FR FIRE RATING / FIRE-RATED	T&G TONGUE AND GROOVE
FRP FIBREGLASS REINFORCED PANEL	THK THICK
FRR FIRE-RESISTANCE RATING	THOLD THRESHOLD
FRT FIRE-RETARDANT-TREATED	THRU THROUGH
FT FOOT / FEET	T.O. TOP OF
FTG FOOTING	TSTAT THERMOSTAT
FURN FURNISH(ED)	TYP TYPICAL
FURR FURRED / FURRING	UG UNDERGROUND
FXTR FIXTURE	UH UNIT HEATER
GA GAUGE	ULC UNDERWRITER'S LABORATORY OF CANADA
GALV GALVANIZED	UNO UNLESS NOTED OTHERWISE
GB GRAB BAR	UPO UNPROTECTED OPENING
GEN GENERAL	UIS UNDERSIDE OF
GL GLASS / GLAZING	VAR VARIES
GLB GLUE-LAMINATED BEAM	VCT VINYL COMPOSITION TILE
GLU-LAM GLUE-LAMINATED	VERT VERTICAL
GM GLASS MESH	VIF VERIFY IN FIELD
GR GRADE	VR VAPOUR RETARDER
GRTG GRATING	VP VAPOUR PROOF
GWB GYPSUM WALL BOARD	W WIDTH
HB HOSE BIB	W WITH
HDD HAND DRYER	W/O WITHOUT
HDO HIGH DENSITY OVERLAY	WD WOOD
HDWD HARDWOOD	WP WATERPROOF
HDWR HARDWARE	WT WEIGHT
HM HOLLOW METAL	

SYMBOL LEGEND



GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH ALL LOCAL APPLICABLE CODES.
- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT STANDARDS OF THE WORKER'S COMPENSATION BOARD.
- IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY WHEN PREPARING FOR, AND PROCEEDING WITH CONSTRUCTION ON THE PREMISES, TO COMPLY WITH ALL REQUIREMENTS OF ALL APPLICABLE LAWS CONCERNING HAZARDOUS SUBSTANCES. THE GENERAL CONTRACTOR SHALL NOT PERMIT THE INSTALLATION OF ANY HAZARDOUS SUBSTANCES IN ANY COMPONENT OF THE PREMISES.
- THE GENERAL CONTRACTOR SHALL EXAMINE THE SITE AND ALL APPLICABLE CONSTRUCTION DOCUMENTS FOR EVERYTHING NECESSARY FOR COMPLETION OF WORK. FAILURE TO ADEQUATELY REVIEW THE EXISTING CONDITIONS BEFORE PROCEEDING WITH WORK WILL NOT ENTITLE THE CONTRACTOR OR ITS SUB-CONTRACTORS TO ANY ADDITIONAL COMPENSATION.
- THE GENERAL CONTRACTOR SHALL MAINTAIN ON-SITE, A COPY OF THE ISSUED FOR CONSTRUCTION DRAWINGS, POSTINGS, CONSULTANT FIELD REPORTS, ADDENDA, SITE INSTRUCTIONS, AND CHANGE ORDERS AT ALL TIMES.
- IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL INSPECTIONS WITH THE DEPARTMENTAL REPRESENTATIVE AND CONSULTANTS. THESE INCLUDE BUT ARE NOT LIMITED TO: MECHANICAL, ELECTRICAL, ROOFING, FIRE SUPPRESSION, FIRE ALARM VERIFICATION, COMMISSIONING, ETC.
- THE ORGANIZATION OF DOCUMENTS IS NOT INTENDED TO CONTROL THE DIVISION OF WORK. DIVISION OF WORK SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL DRAWINGS AND SPECIFICATIONS PREPARED BY THE ARCHITECT AND/OR CONSULTANTS SHALL BE READ IN CONJUNCTION WITH EACH OTHER, AS WELL AS WITH ALL OTHER INCLUDED REPORTS.
- THE GENERAL CONTRACTOR SHALL VERIFY DIMENSIONS, DATUMS AND LEVELS PRIOR TO COMMENCEMENT OF WORK.
- ANY DISCREPANCIES, ERRORS OR OMISSIONS IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT PRIOR TO CONSTRUCTION. SPECIFICATIONS SHALL TAKE PRECEDENCE OVER LARGER SCALE DRAWINGS WHICH SHALL PRECEDE OVER SMALLER SCALE DRAWINGS.
- DO NOT SCALE DRAWINGS.
- ALL EXTERIOR BUILDING DIMENSIONS ARE TAKEN TO THE FACE OF CONCRETE STRUCTURE, CENTERLINE OF STRUCTURAL COLUMNS OR FACE OF PLYWOOD SHEATHING. ALL MASONRY WORK IS DIMENSIONED TO THE FACE OF MASONRY UNLESS DETAILED OTHERWISE ON THE DRAWINGS.
- ALL INTERIOR BUILDING DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE OR FACE OF CONCRETE BLOCK FOR NEW CONSTRUCTION AND FACE OF FINISH FOR EXISTING CONSTRUCTION UNLESS NOTED OTHERWISE.
- INSTALL ULC-LISTED FIRE STOP SYSTEM TO PENETRATIONS THROUGH RATED ASSEMBLIES SUCH AS FLOOR SLABS.
- REFER TO CONSTRUCTION ASSEMBLIES FOR DETAILED WALL, FLOOR, CEILING, ROOF, AND PARTITION ASSEMBLIES.
- REFER TO DETAILS FOR ADDITIONAL FINISHES AND SPECIAL CONDITIONS.
- PROVIDE MISCELLANEOUS STUDS, FURRING AND BLOCKING AS REQUIRED TO SUIT THE INTENT OF THE DESIGN.
- SEISMIC RESTRAINTS:**
 - THE GENERAL CONTRACTOR SHALL ENSURE THAT THE DESIGN OF ALL SUSPENDED ARCHITECTURAL COMPONENTS, INCLUDING BUT NOT LIMITED TO EQUIPMENT, PIPING AND OTHER SUSPENDED ITEMS, MUST BE CARRIED OUT BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED TO PRACTICE STRUCTURAL ENGINEERING IN THE PROVINCE WHERE THE PROJECT IS LOCATED AND SHALL BE ENGAGED DIRECTLY BY THE RESPECTIVE CONTRACTOR.
 - DESIGNS SHALL TAKE INTO ACCOUNT ALL SEISMIC AND DESIGN LOAD REQUIREMENTS, AS SET OUT IN THE LOCAL APPLICABLE CODES.
 - THE SUPPORTING REGISTERED PROFESSIONAL ENGINEER SHALL PREPARE SIGNED AND SEALED LETTERS OF ASSURANCE (S-B & S-C) AND CERTIFY THE COMPLETE INSTALLATION.
 - THE DESIGNS ARE ALSO SUBJECT TO THE APPROVAL OF THE DEPARTMENTAL REPRESENTATIVE AND ARCHITECT WITH REGARD TO THE SUITABILITY OF APPEARANCE AND COMPATIBILITY WITH ADJACENT WORK. LETTERS ARE TO BE HANDED OVER TO THE DEPARTMENTAL REPRESENTATIVE AT SUBSTANTIAL COMPLETION, PRIOR TO OCCUPANCY.
- SUBMITTALS:**
 - CONTRACTOR SUBMITTALS ARE THE PROPERTY AND RESPONSIBILITY OF THE GENERAL CONTRACTOR.
 - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR BOTH THE REVIEW AND APPROVAL OF ALL SUBMITTALS PRIOR TO ANY CONSULTANT REVIEW.
 - CONSULTANT REVIEWS ARE UNDERTAKEN FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT ONLY AND DO NOT SUPERSEDE THE CONTRACT DOCUMENTS UNLESS SPECIFICALLY REQUESTED BY THE ARCHITECT IN WRITING.
 - CONSULTANT REVIEWS ARE NOT INTENDED TO BE AN EXHAUSTIVE REVIEW OF THE GENERAL CONTRACTOR'S WORK, ARE PERFORMED AS A GENERAL COURTESY, AND DO NOT CONSTITUTE TACIT OR IMPLIED APPROVAL OF CONTENT THAT DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS.
 - THE ARCHITECT RESERVES THE RIGHT TO REQUEST MINOR MODIFICATION OF THE SUBMITTALS TO COMPLY WITH, AT THE ARCHITECT'S DISCRETION, THE INTENT OF THE CONTRACT DOCUMENTS. EMAIL SUBMITTALS ARE ACCEPTABLE.
 - THE GENERAL CONTRACTOR IS TO REVIEW THE RETURNED SUBMITTAL AND CO-ORDINATE ANY ADDITIONAL OR REVISED INFORMATION.
 - TURNAROUND TIME FOR SUBMITTAL REVIEWS BY THE ARCHITECT SHALL BE MAXIMUM 10 CALENDAR DAYS UNLESS OTHERWISE AGREED. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - CONTRACTOR TO IDENTIFY LONG LEAD ITEMS AT START OF PROJECT.
- RECORD DOCUMENTS:** THE CONTRACTOR SHALL KEEP A RECORD OF ALL AS-BUILT CONDITIONS AND MAKE IT AVAILABLE TO THE CONSULTANT AT PROJECT CLOSE. ALL PIPING AND CONDUITS SHALL BE DIMENSIONED TO GRIDLINES OR SUITABLE REFERENCE POINTS. AS-BUILT RECORD DRAWINGS ARE TO BE DRAFTED IN CAD.
- CLOSE-OUT PROCEDURES:** CONTRACTOR TO REFERENCE SPECIFICATIONS FOR CLOSE-OUT PROCEDURES AND OTHER REQUIREMENTS. DEPARTMENTAL REPRESENTATIVE AND THE ARCHITECT WILL REQUIRE REVIEWS AND/OR DOCUMENTS AT PROJECT CLOSE-OUT, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - FINAL REVIEWS BY REGISTERED PROFESSIONALS OF RECORD
 - INSPECTION CERTIFICATES AND TESTING REPORTS
 - SEISMIC RESTRAINT DOCUMENTATION
 - FINAL DRAWINGS FOR ALL DESIGN-BUILD COMPONENTS
 - SUBSTANTIAL PERFORMANCE WARRANTIES
 - FINAL PAYMENT
 - RECORD DOCUMENTS
 - OPERATIONS & MAINTENANCE MANUAL



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0	33% SUBMISSION	2020.03.31

Client/client

CORRECTIONAL SERVICE CANADA		
Project title/Titre du projet		
ABBOTSFORD, BRITISH COLUMBIA 33344 KING ROAD MATSQUI INSTITUTION LIVING UNIT 5 MATSQUI LIVING UNIT 5 UNDERSLAB SUPPLY VENTING REPAIR		
Consultant Signature Only		
Designed by/Concept par BEN MONROE		
Drawn by/Dessiné par MING HSU		
PWSC Project Manager/Administrateur de Projets TPSGC KEN WENDT		
Regional Manager, Architectural and Engineering Services Gestionnaire régionale, Services d'architectural et de génie, TPSGC PREETPAL PAUL		
Drawing title/Titre du dessin		
ABBREVIATIONS, SYMBOL LEGEND, AND GENERAL NOTES		
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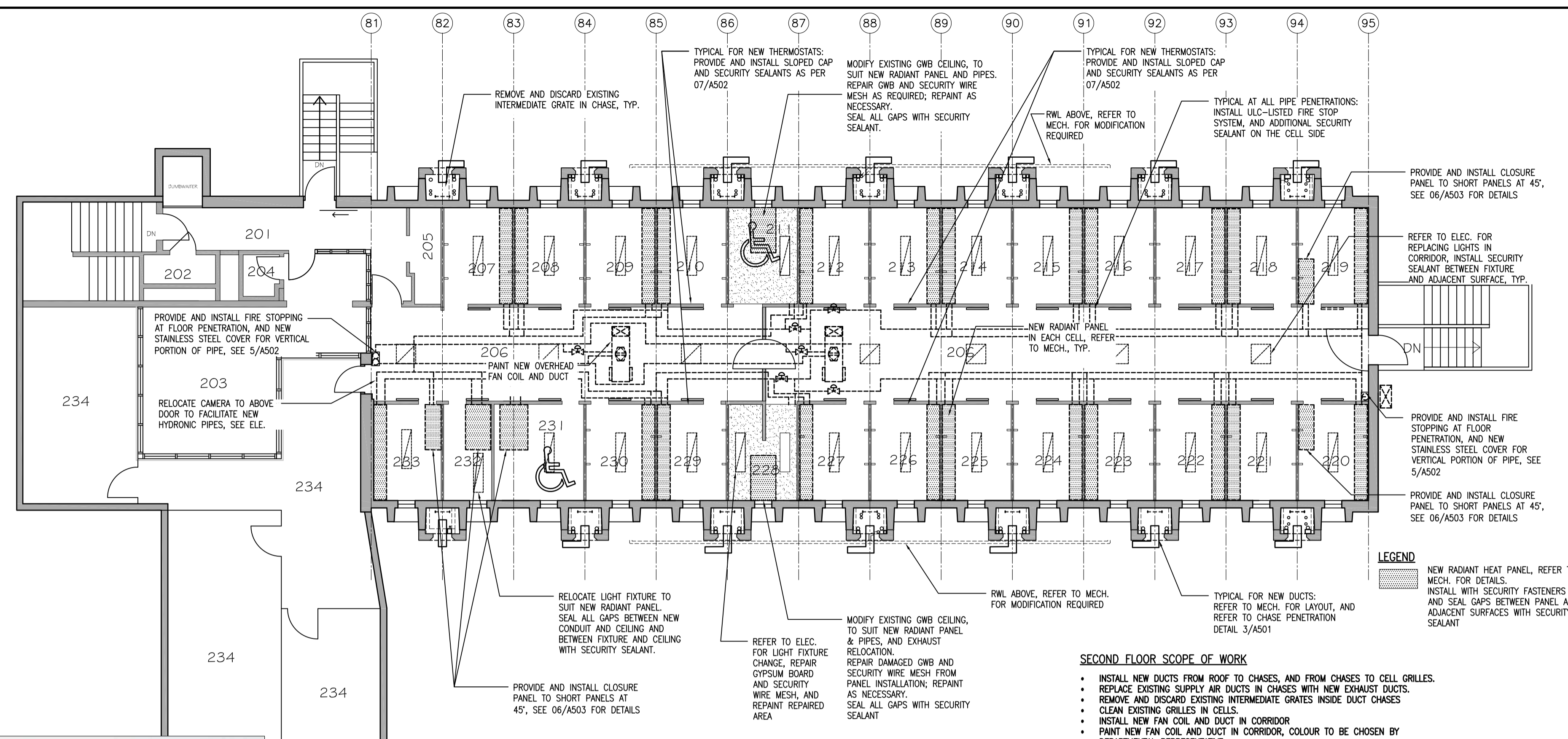
Project title/Titre du projet: ABBOTSFORD, BRITISH COLUMBIA 33344 KING ROAD MATSQUI INSTITUTION LIVING UNIT 5 MATSQUI LIVING UNIT 5 UNDERSLAB SUPPLY VENTING REPAIR

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 Drawn by/Dessiné par: MING HSU
 PWSC Project Manager/Administrateur de Projets TPSGC: KEN WENDT
 Regional Manager, Architectural and Engineering Services / Gestionnaire régionale, Services d'architecture et de génie, TPSGC: PREETIPAL PAUL
 Drawing title/Titre du dessin: ROOF AND SECOND FLOOR PLANS

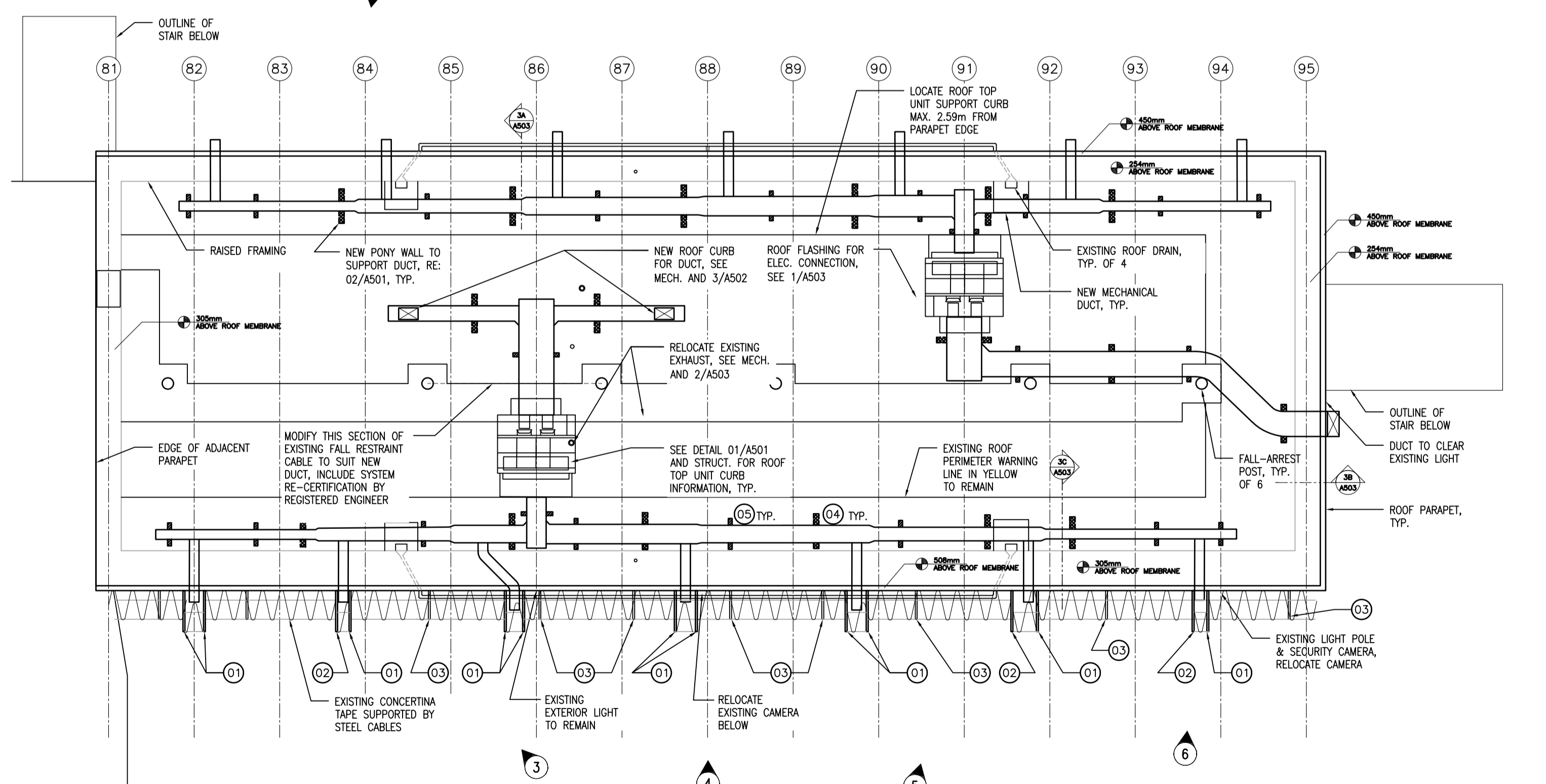
Project No./No. du projet: R.111315.001
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 Revision no./La Révision no.: 5

Building M2d

No. #	Name
201	Vestibule
202	Electrical
203	Control First
204	Staff Washroom
205	Janitor closet
206	Corridor
207-10	Cells
211	B.F. Shower
212-27	Cells
228	Shower
229-30	Cells
231	B.F. Cell
232	Laundry Room
233	Interview Room
234	Exercise Yards



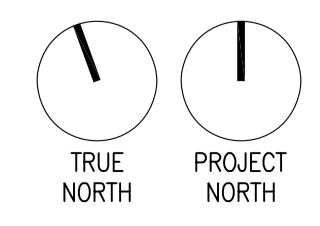
02 SECOND FLOOR PLAN
A101 1 : 100



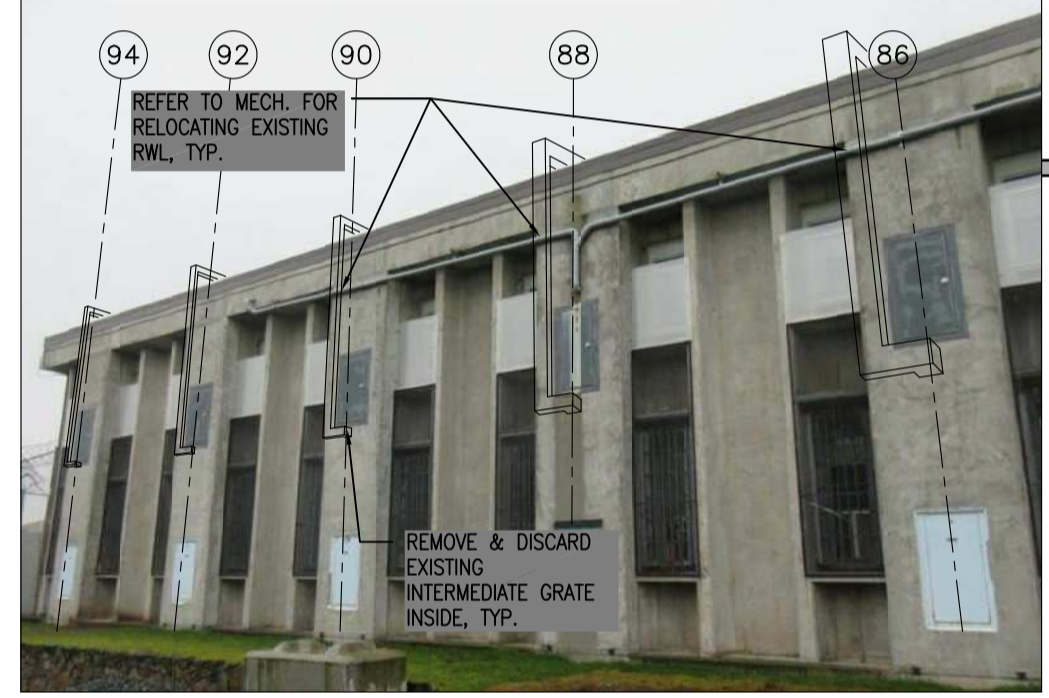
01 ROOF PLAN
A101 1 : 100

- KEY NOTES**
- 01 PROVIDE AND INSTALL NEW BARB WIRE EXTENSION ARMATURE, HOT-DIPPED GALVANIZED, FASTENED TO EXTERIOR BUILDING FACE WITH ANCHORS APPROPRIATE FOR SUBSTRATE AND LOAD, SEE 4/A501
 - 02 REPLACE EXISTING BARB WIRE EXTENSION ARMATURE WITH NEW, SEE 4/A501
 - 03 EXISTING BARB WIRE ARMATURE TO REMAIN
 - 04 NEW PONY WALL TO SUPPORT NEW DUCT, LENGTH TO SUIT DUCT SIZE AND BRACING, SEE DETAIL 2/A501, TYPICAL AT MULTIPLE LOCATIONS
 - 05 NEW DEMOUNTABLE SUPPORT FOR NEW DUCT, SEE MECHANICAL DRAWINGS AND SPECIFICATION; TYPICAL AT MULTIPLE LOCATIONS

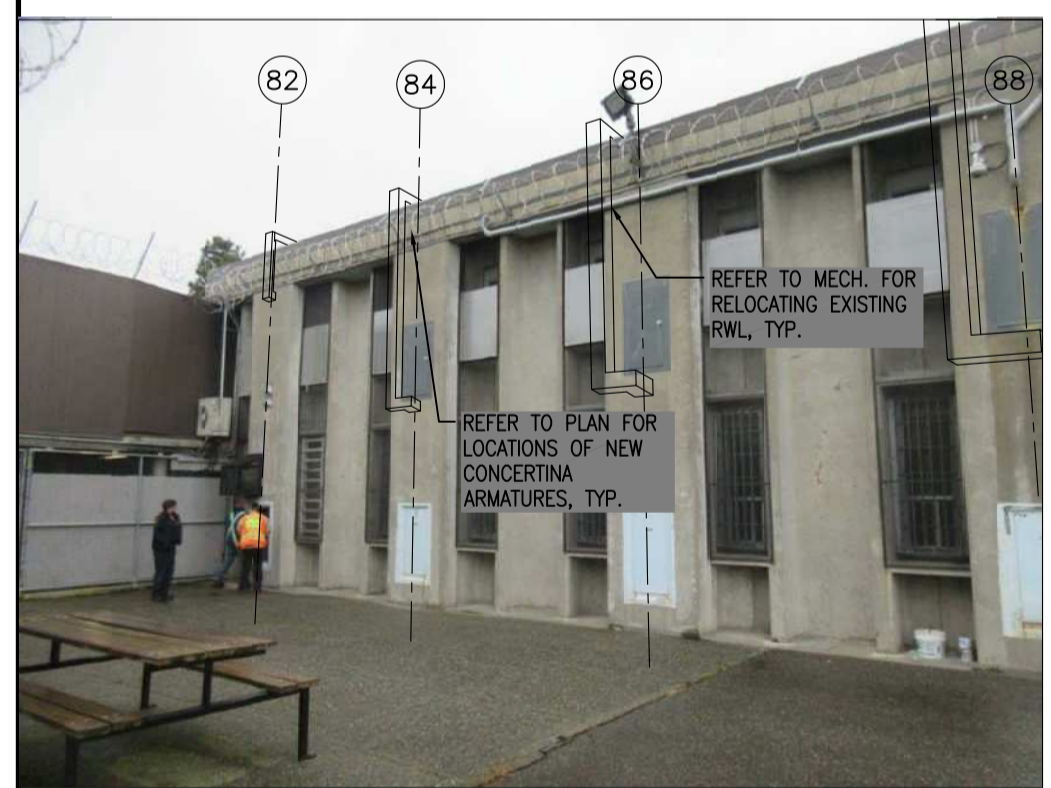
- ROOF SCOPE OF WORK**
- MODIFY EXISTING ROOF SLAB AND ROOFING ASSEMBLY TO CREATE NEW DUCT OPENINGS AND FOR INSTALLING NEW ROOF TOP UNIT & CURBS.
 - INSTALL NEW ROOF TOP UNITS AND ASSOCIATED CURBS.
 - REPAIR ROOF MEMBRANE AROUND NEW DUCT OPENINGS AND CURBS, PER ROABC OR PRE-APPROVED ALTERNATE EQUIVALENT STANDARDS. GC TO RETAIN ROABC-CERTIFIED OR PRE-APPROVED ALTERNATE EQUIVALENT AGENT TO CONDUCT INSPECTION AND PROVIDE REPORTS. GC TO ARRANGE ROABC OR PRE-APPROVED ALTERNATE EQUIVALENT WARRANTY AND INCLUDE THE INSPECTION & WARRANTY COST IN THE BID.
 - MODIFY EXISTING FALL-RESTRAINT SYSTEM TO SUIT NEW DUCT LAYOUT, RETAIN STRUCTURAL ENGINEER TO RE-CERTIFY THE MODIFIED SYSTEM.
 - INSTALL NEW PONY WALLS, DUCTS, AND DE-MOUNTABLE SUPPORTS.
 - MODIFY RAIN WATER LEADER AS PER MECHANICAL.
 - REFER TO MECH. AND ELEC. FOR OTHER RELATED WORK.
 - ALONG SOUTH PARAPET: INSTALL NEW SUPPORT ARMS TO RELOCATE PORTION OF EXISTING CONCERTINA WIRES TO CLEAR NEW DUCTS, INCLUDING RELOCATING CAMERAS FOR CLEAR LINE OF SIGHT



PHOTOGRAPH 1



PHOTOGRAPH 2



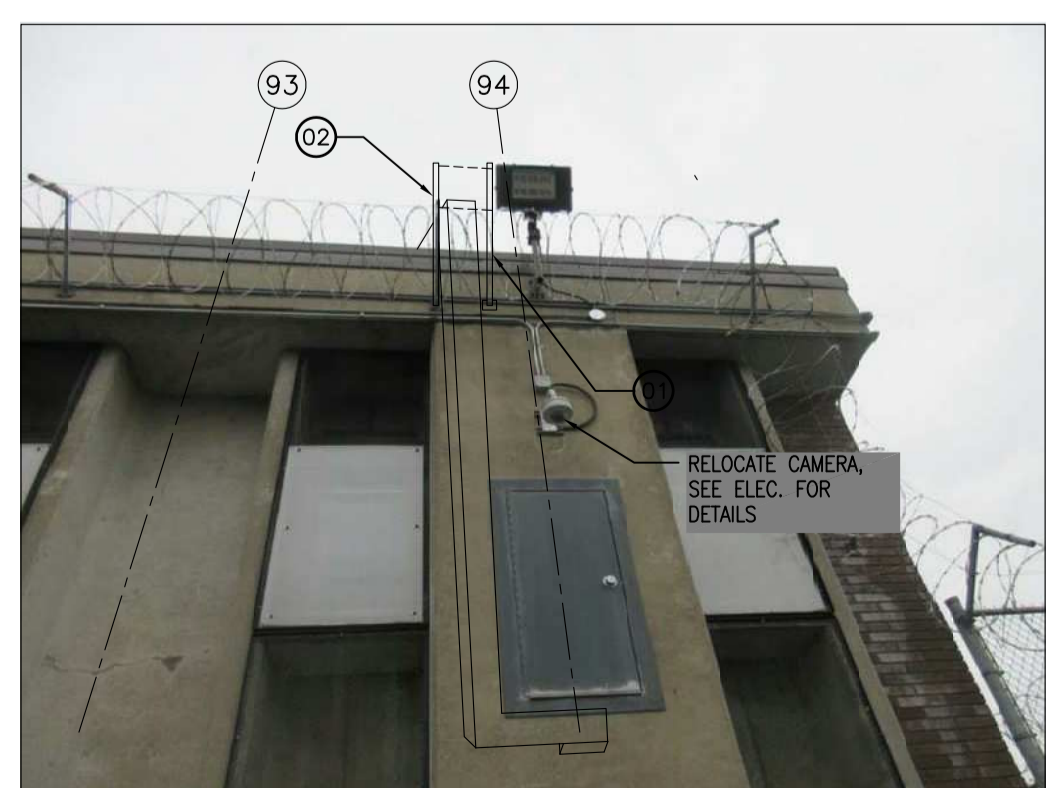
PHOTOGRAPH 3



PHOTOGRAPH 4



PHOTOGRAPH 5



PHOTOGRAPH 6



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 33344 KING ROAD
 MATSQUI INSTITUTION LIVING UNIT 5
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 UNDERSLAB SUPPLY
 VENTING REPAIR**

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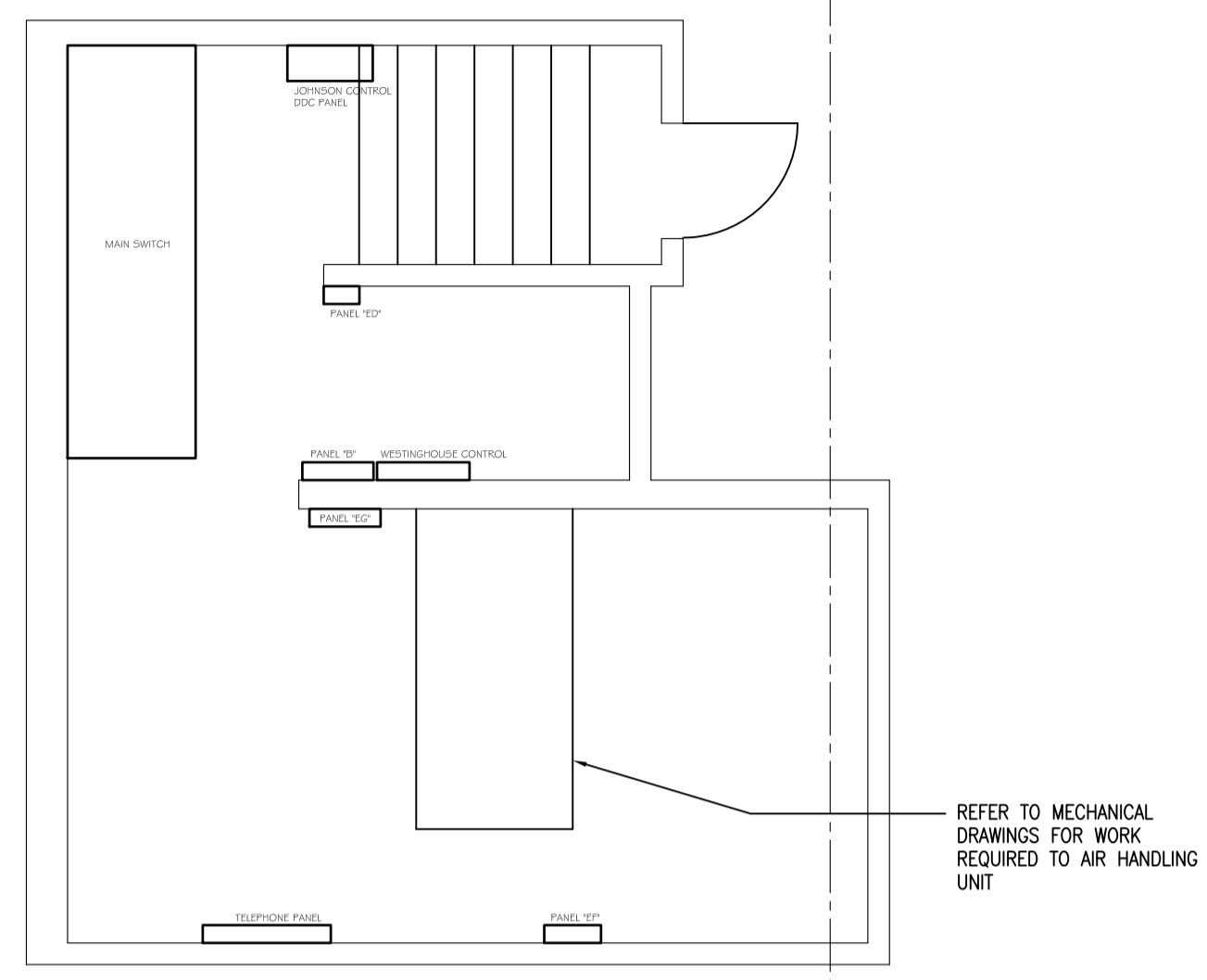
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PREETPAL PAUL

Drawing title/Titre du dessin

**GROUND FLOOR AND BASEMENT
 MECHANICAL ROOM PLANS**

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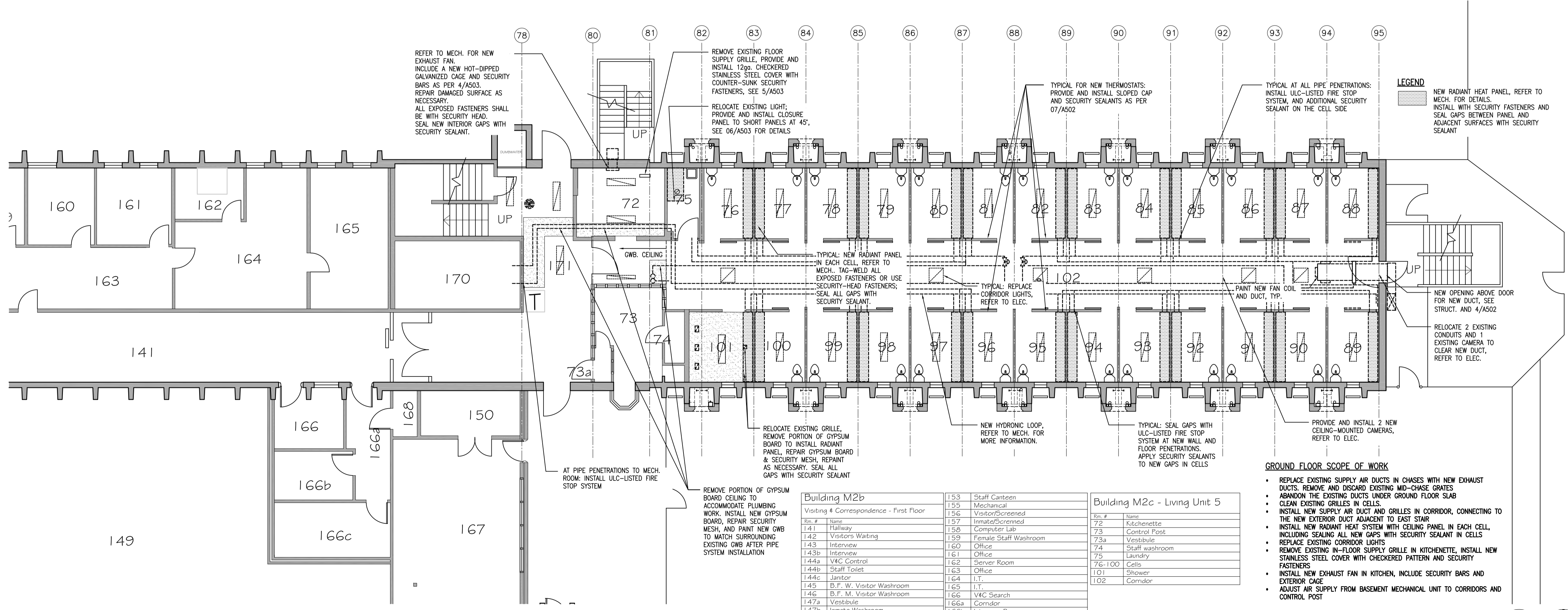
02 BASEMENT MECHANICAL ROOM
 A102 1 : 50



- BASEMENT MECHANICAL ROOM SCOPE OF WORK**
- EXPAND EXISTING HYDRONIC LOOP TO SUIT NEW RADIANT PANELS IN CELLS
 - REPLACE EXISTING AIR HANDLING UNIT
 - MODIFY EXISTING DUCT TO SUIT NEW AIR HANDLING UNIT
 - REFER TO MECHANICAL DRAWINGS FOR SYSTEM DETAILS

REFER TO MECHANICAL DRAWINGS FOR WORK REQUIRED TO AIR HANDLING UNIT

01 GROUND FLOOR PLAN
 A102 1 : 100



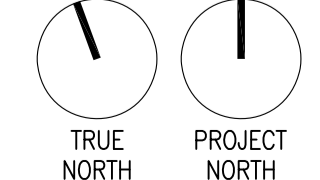
Building M2b

Rm. #	Name	Rm. #	Name
141	Hallway	153	Staff Canteen
142	Visitors Waiting	155	Mechanical
143	Interview	156	Visitor/Screened
143b	Interview	157	Inmate/Screened
144a	V4C Control	158	Computer Lab
144b	Staff Toilet	159	Female Staff Washroom
144c	Janitor	160	Office
145	B.F. W. Visitor Washroom	161	Office
146	B.F. M. Visitor Washroom	162	Server Room
147a	Vestibule	163	Office
147b	Inmate Washroom	164	I.T.
148	Boardrooms	165	I.T.
149	Visitor Lounge	166	V4C Search
150	Mechanical	166a	Corridor
151	Washroom	166b	Interview Room
152	Inmate Waiting Room	166c	Interview Room
		167	LUS Multipurpose Room
		168	Closet
		170	Mechanical Room
		171	Corridor

Building M2c - Living Unit 5

Rm. #	Name
72	Kitchenette
73	Control Post
73a	Vestibule
74	Staff washroom
75	Laundry
76-100	Cells
101	Shower
102	Corridor

- GROUND FLOOR SCOPE OF WORK**
- REPLACE EXISTING SUPPLY AIR DUCTS IN CHASES WITH NEW EXHAUST DUCTS. REMOVE AND DISCARD EXISTING MID-CHASE GRATES
 - ABANDON THE EXISTING DUCTS UNDER GROUND FLOOR SLAB
 - CLEAN EXISTING GRILLES IN CELLS
 - INSTALL NEW SUPPLY AIR DUCT AND GRILLES IN CORRIDOR, CONNECTING TO THE NEW EXTERIOR DUCT ADJACENT TO EAST STAIR
 - INSTALL NEW RADIANT HEAT SYSTEM WITH CEILING PANEL IN EACH CELL, INCLUDING SEALING ALL NEW GAPS WITH SECURITY SEALANT IN CELLS
 - REPLACE EXISTING CORRIDOR LIGHTS
 - REMOVE EXISTING IN-FLOOR SUPPLY GRILLE IN KITCHENETTE, INSTALL NEW STAINLESS STEEL COVER WITH CHECKERED PATTERN AND SECURITY FASTENERS
 - INSTALL NEW EXHAUST FAN IN KITCHEN, INCLUDE SECURITY BARS AND EXTERIOR CAGE
 - ADJUST AIR SUPPLY FROM BASEMENT MECHANICAL UNIT TO CORRIDORS AND CONTROL POST





Revision/	Description/Description	Date/Date
4	ISSUED FOR TENDER	2020.11.16
3	99% SUBMISSION	2020.10.02
2	ISSUED FOR 99% REVIEW	2020.09.24
1	66% SUBMITTAL	2020.07.27
0	33% SUBMISSION	2020.03.31

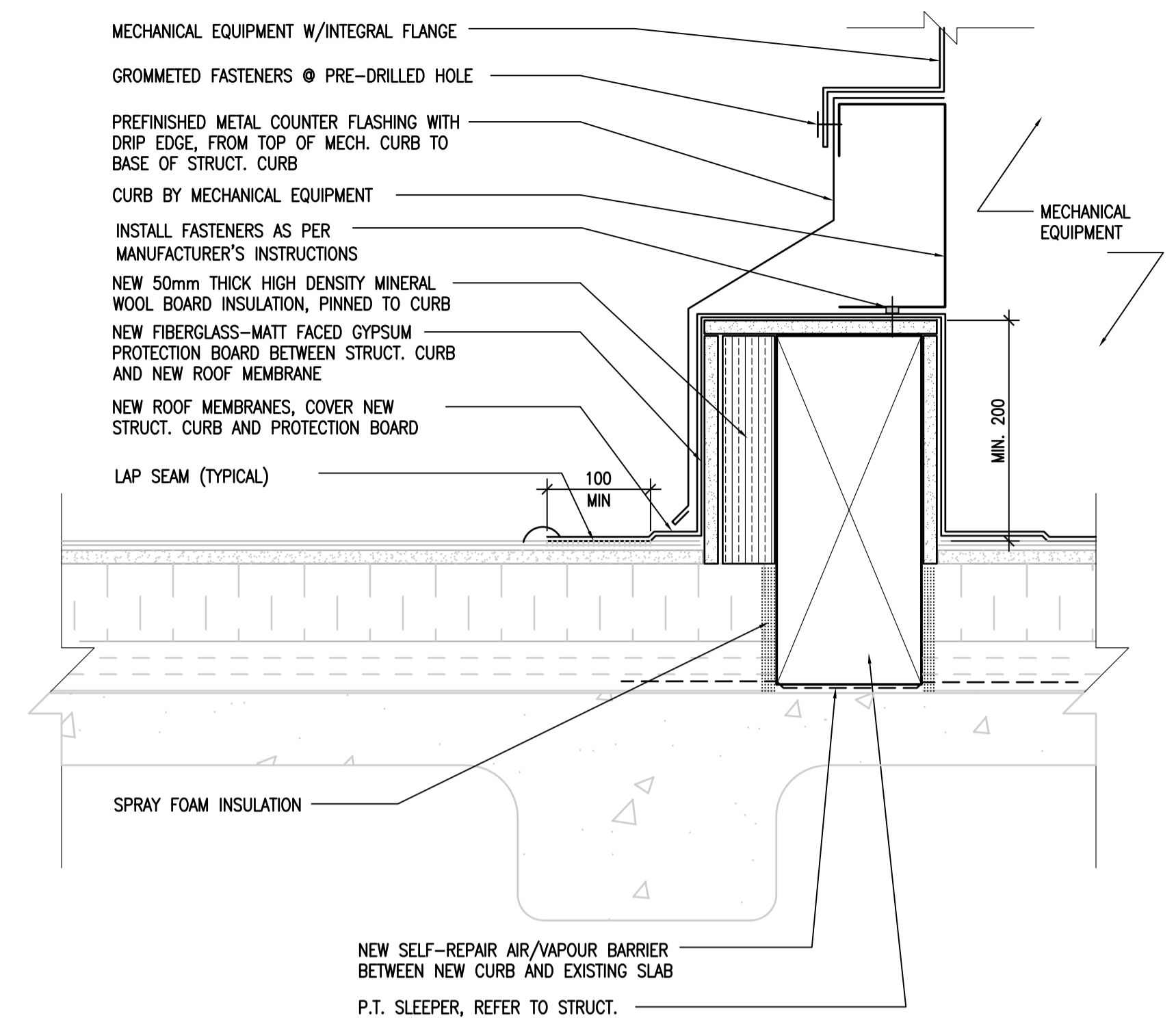
Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
**ABBOTSFORD, BRITISH COLUMBIA
33344 KING ROAD
MATSQUI INSTITUTION LIVING UNIT 5
MATSQUI LIVING UNIT 5
UNDERSLAB SUPPLY
VENTING REPAIR**

Consultant Signature Only
Designed by/Concept par
BEN MONROE
Drawn by/Dessiné par
MING HSU
PWSC Project Manager/Administrateur de Projets TPSGC
KEN WENDT
Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
PREETPAL FAUL
Drawing title/Titre du dessin

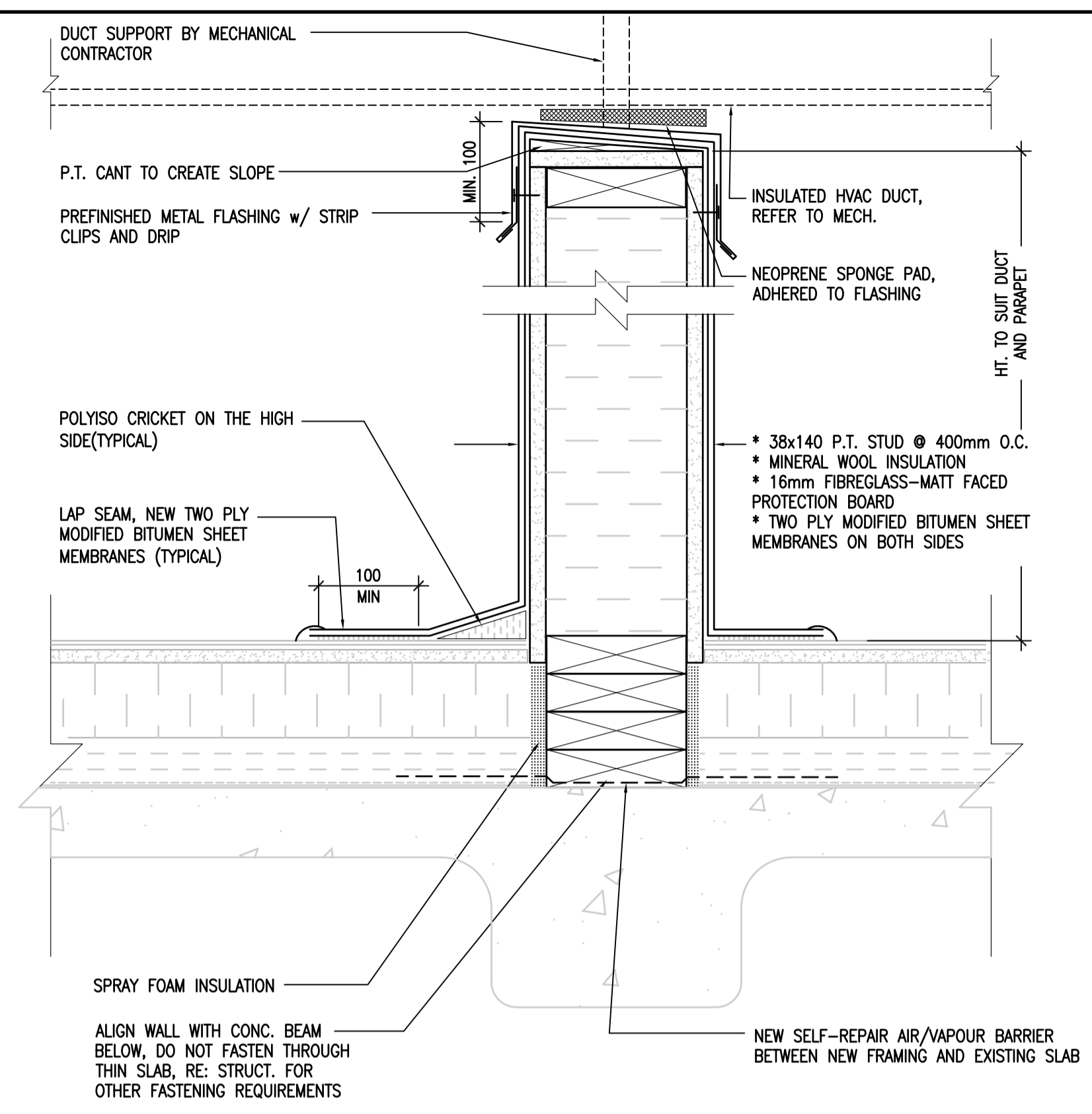
DETAILS

Project No./No. du projet R.111315.001	Sheet/Feuille A501 OF	Revision no./La Révision no. 4
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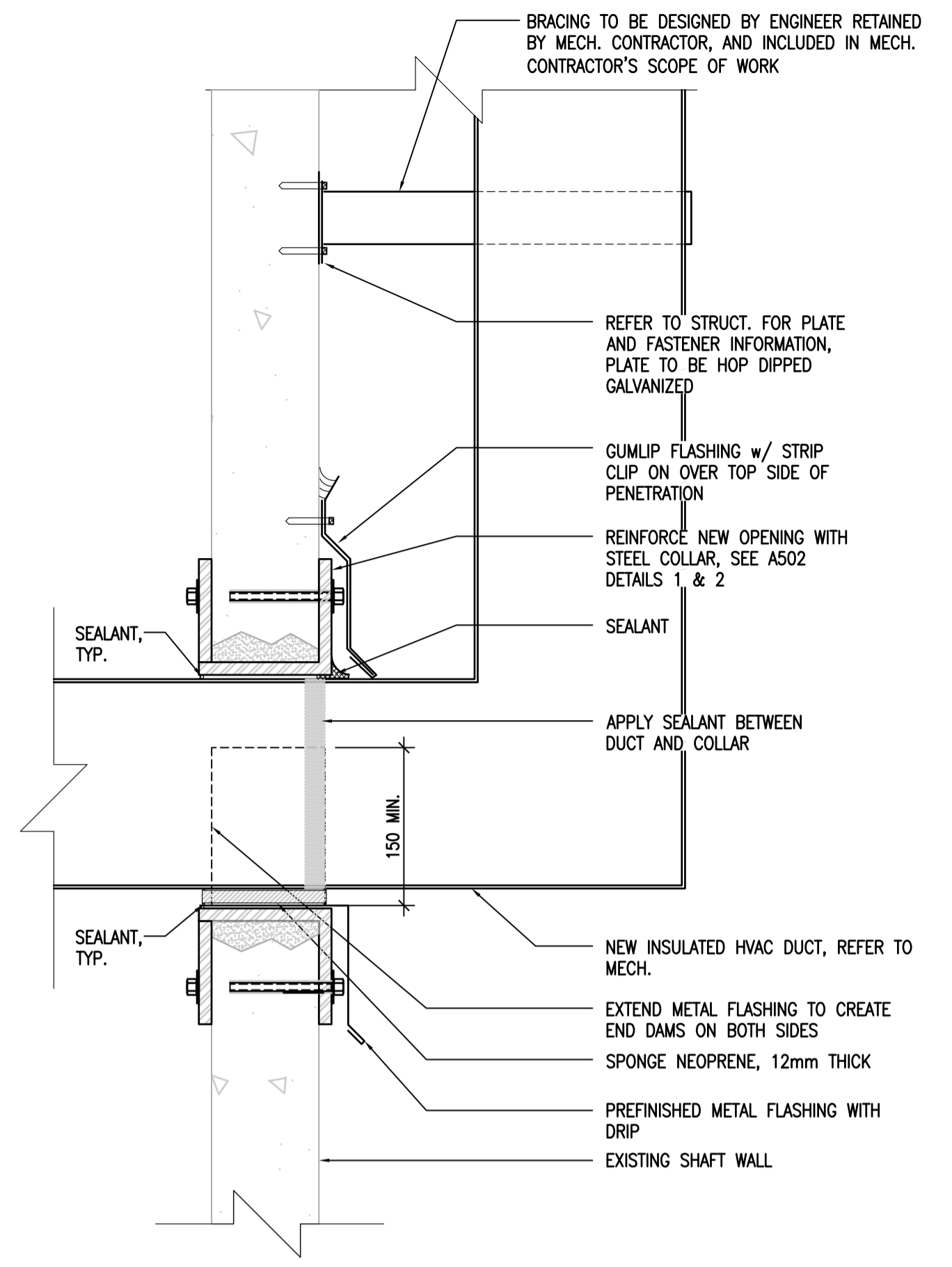
- NOTES:
- PROVIDE INSULATION CRICKET ON THE HIGH SIDE OF THE CURB (TYP.)
- ALL FASTENERS IN CONTACT w/ P.T. BLOCKING SHALL BE OF COATED TYPE
- REFER TO STRUCT. FOR SLEEPER ATTACHMENT INFORMATION

01 EQUIPMENT CURB DETAIL
A501 1:5

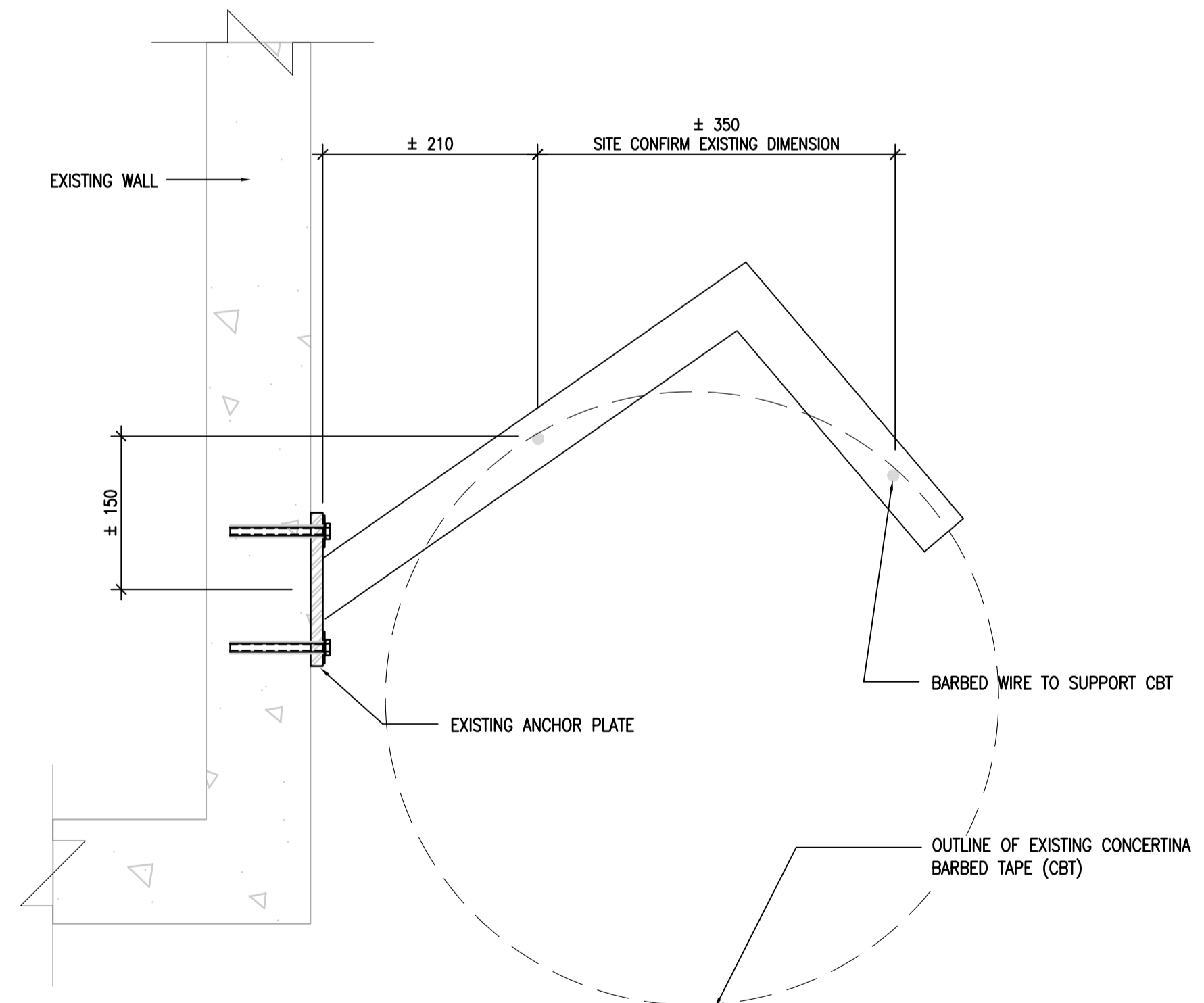


- NOTES:
- ALL FASTENERS IN CONTACT w/ P.T. BLOCKING SHALL BE OF COATED TYPE
- COORDINATE PONY WALL LOCATIONS AND SIZES WITH DUCT SYSTEM INSTALLER
- GC TO RETAIN STRUCT. ENGINEER TO PROVIDE SIGNED & SEALED SHOP DRAWINGS AND LETTERS OF ASSURANCE FOR THE WALL, TO ENSURE WALL CAN RESIST SEISMIC AND WIND LOADS

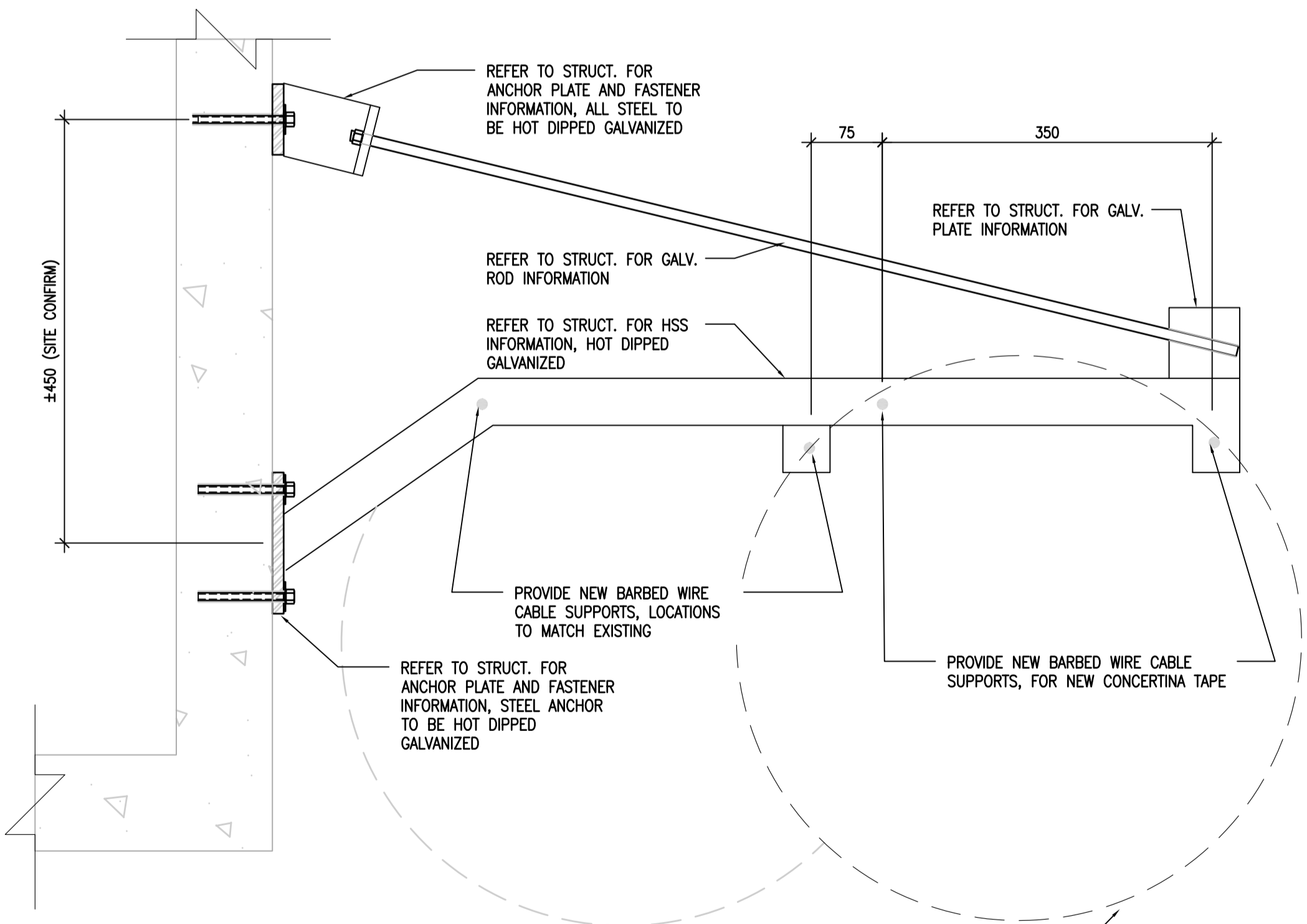
02 DUCT PONY WALL DETAIL
A501 1:5



03 DUCT PENETRATION DETAIL
A501 1:5



EXISTING CONDITION



NEW EXTENDED SUPPORT

CONCERTINA BARBED TAPE (CBT)
SUPPLY ADDITION LENGTH AS REQUIRED, INSTALLED @ TO MATCH EXISTING

04 CONCERTINA SUPPORT DETAILS
A501 1:5





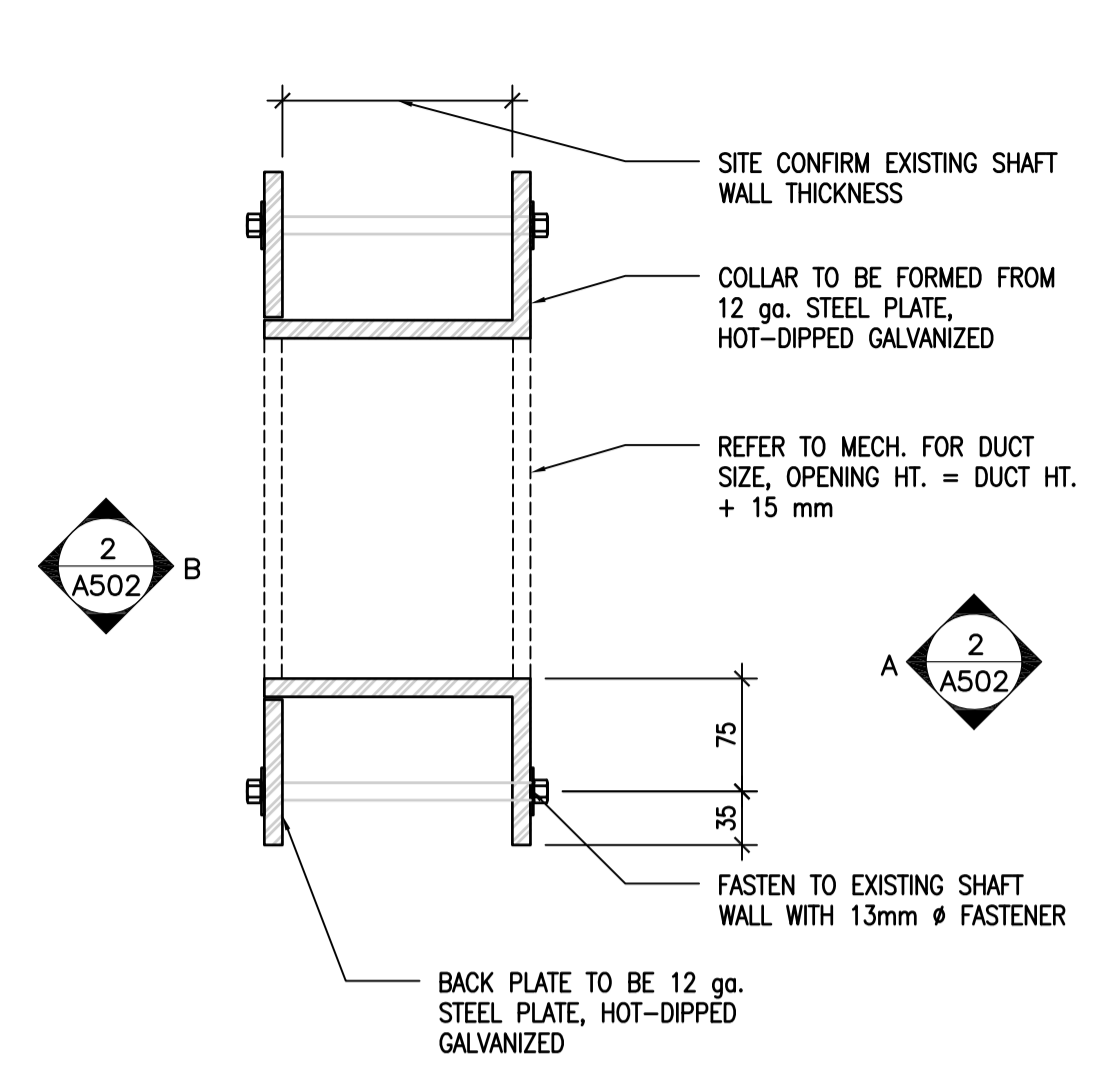
Revision/Revisions	Description/Description	Date/Date
4	ISSUED FOR TENDER	2020.11.18
3	99% SUBMISSION	2020.10.02
2	ISSUED FOR 99% REVIEW	2020.09.24
1	66% SUBMISSION	2020.07.27

Client/client
CORRECTIONAL SERVICE CANADA

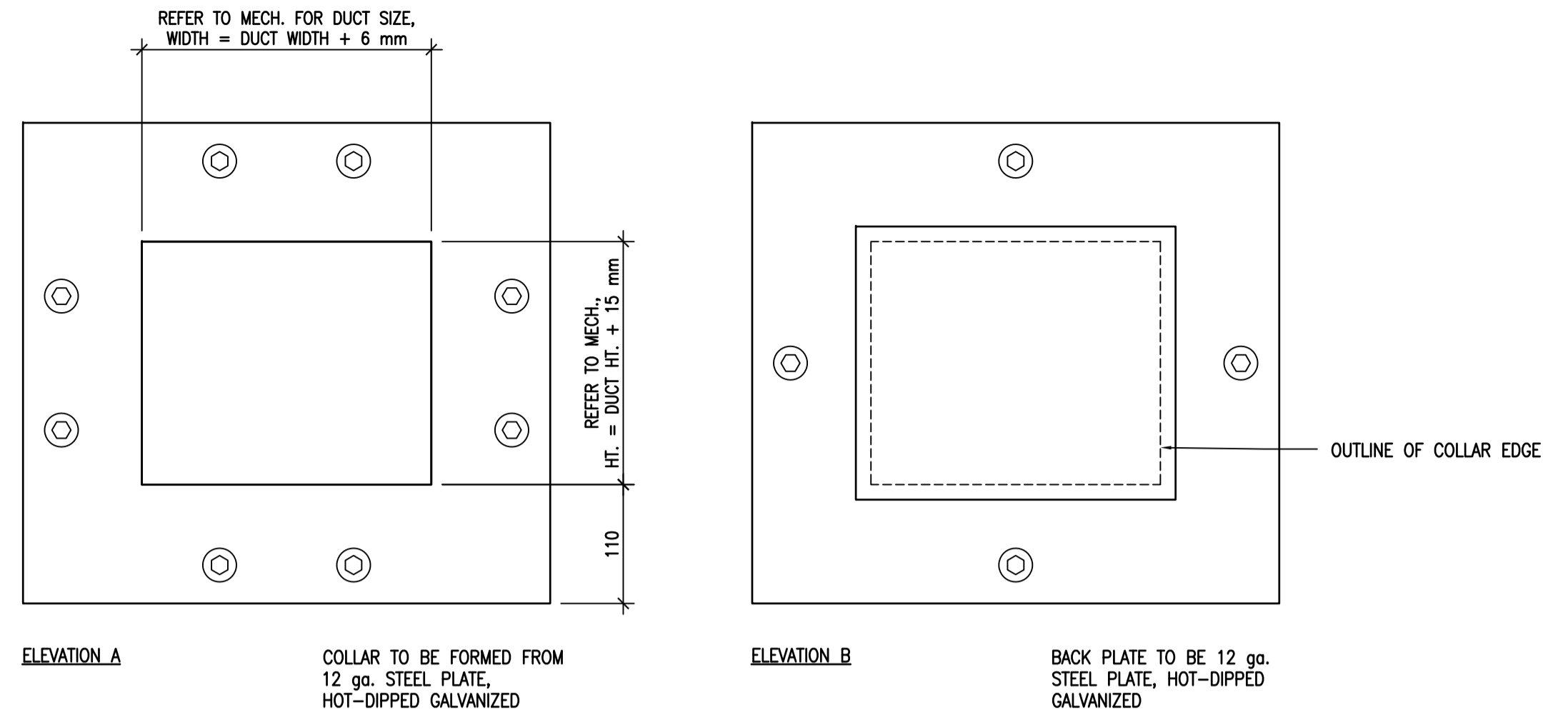
Project title/Titre du projet
**ABBOTSFORD, BRITISH COLUMBIA
33344 KING ROAD
MATSQUI INSTITUTION LIVING UNIT 5
MATSQUI LIVING UNIT 5
UNDERSLAB SUPPLY
VENTING REPAIR**

Consultant Signature Only
Designed by/Concept par **BEN MONROE**
Drawn by/Dessiné par **MING HSU**
PWGSC Project Manager/Administrateur de Projets TPSGC **KEN WENDT**
Regional Manager, Architectural and Engineering Services / Gestionnaire régionale, Services d'architectural et de génie, TPSGC **PREETPAL PAUL**
Drawing title/Titre du dessin

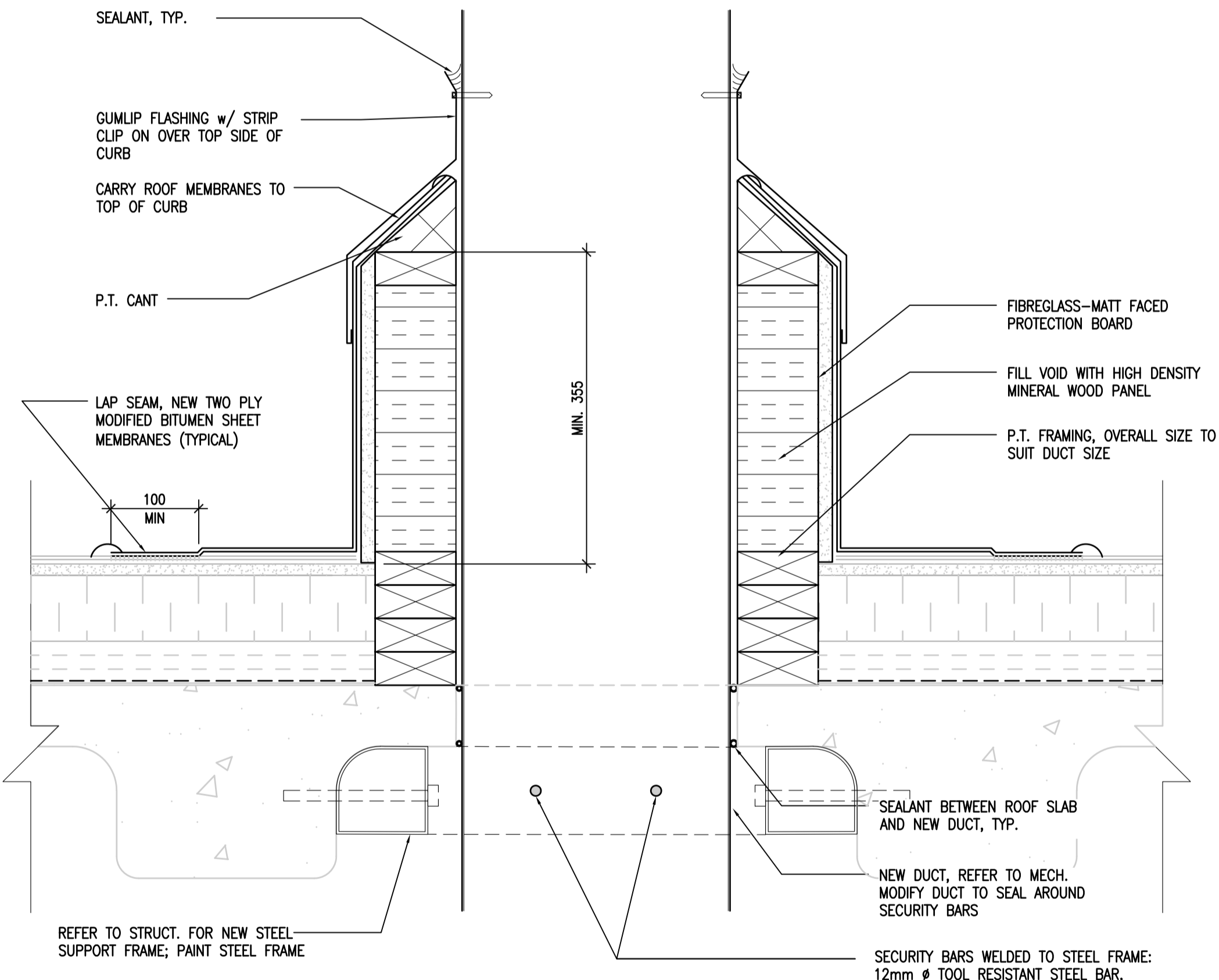
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.111315.001	A502 OF	4



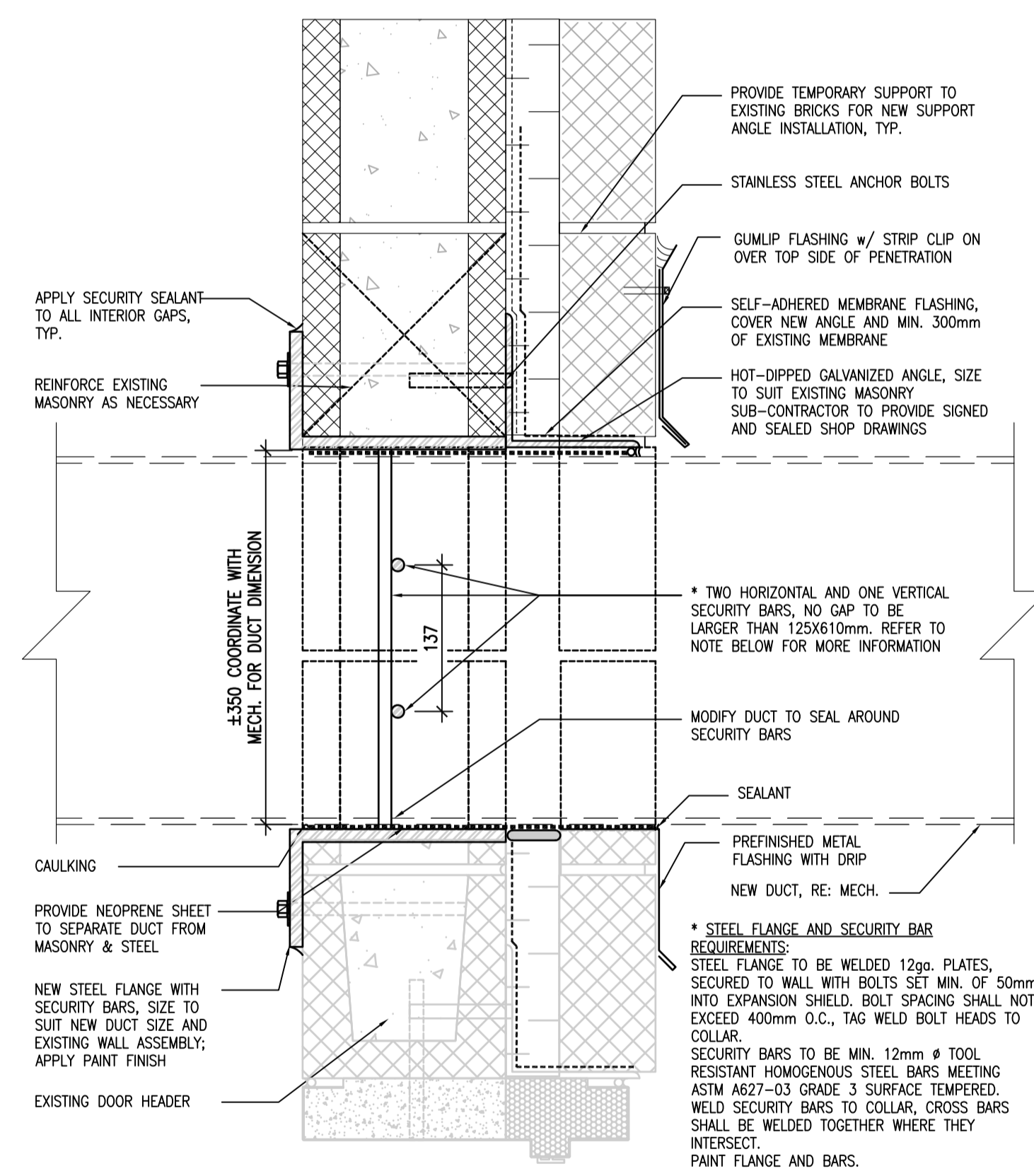
01 METAL COLLAR SECTION
A502 1:5



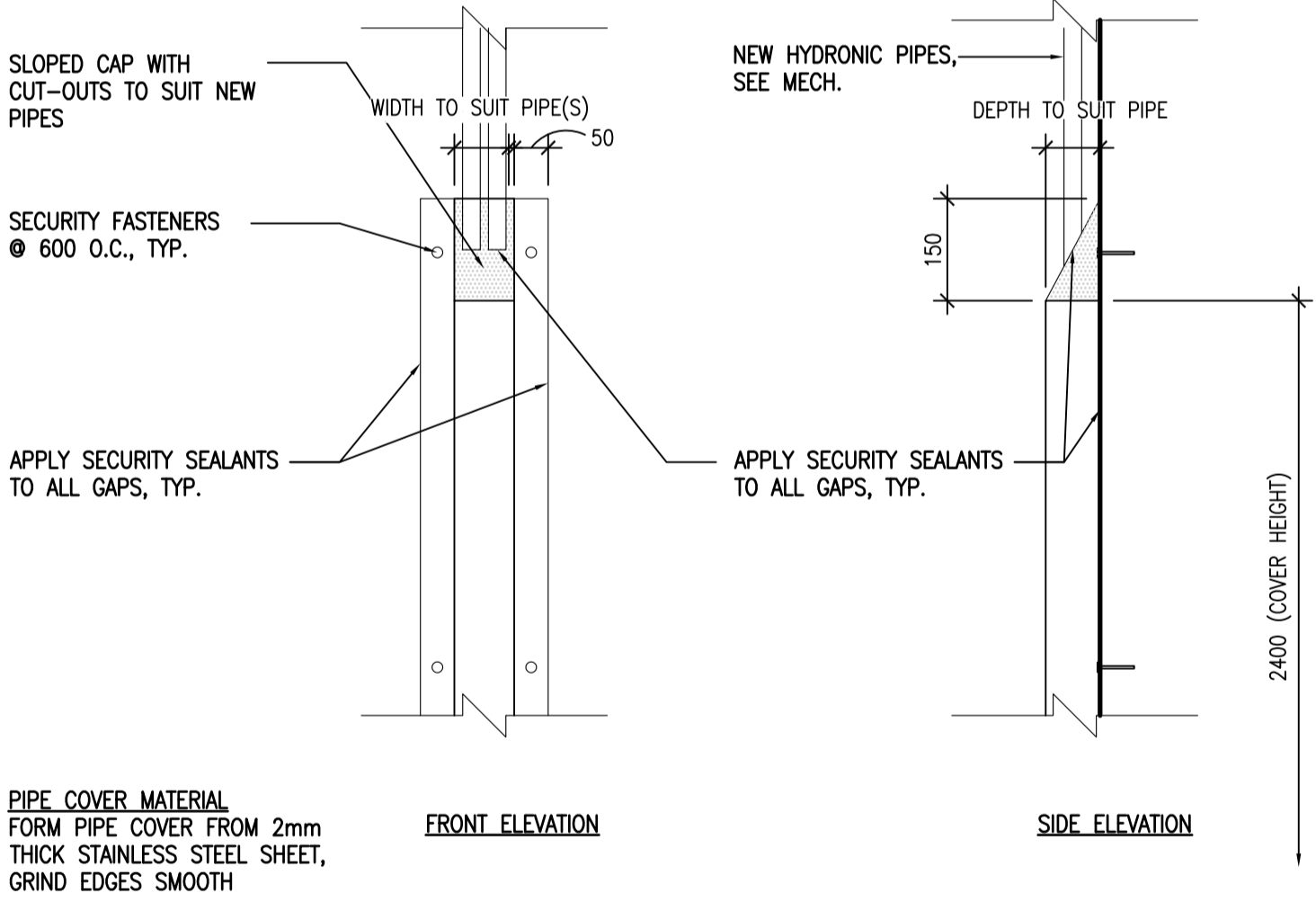
02 METAL COLLAR ELEVATIONS
A502 1:5



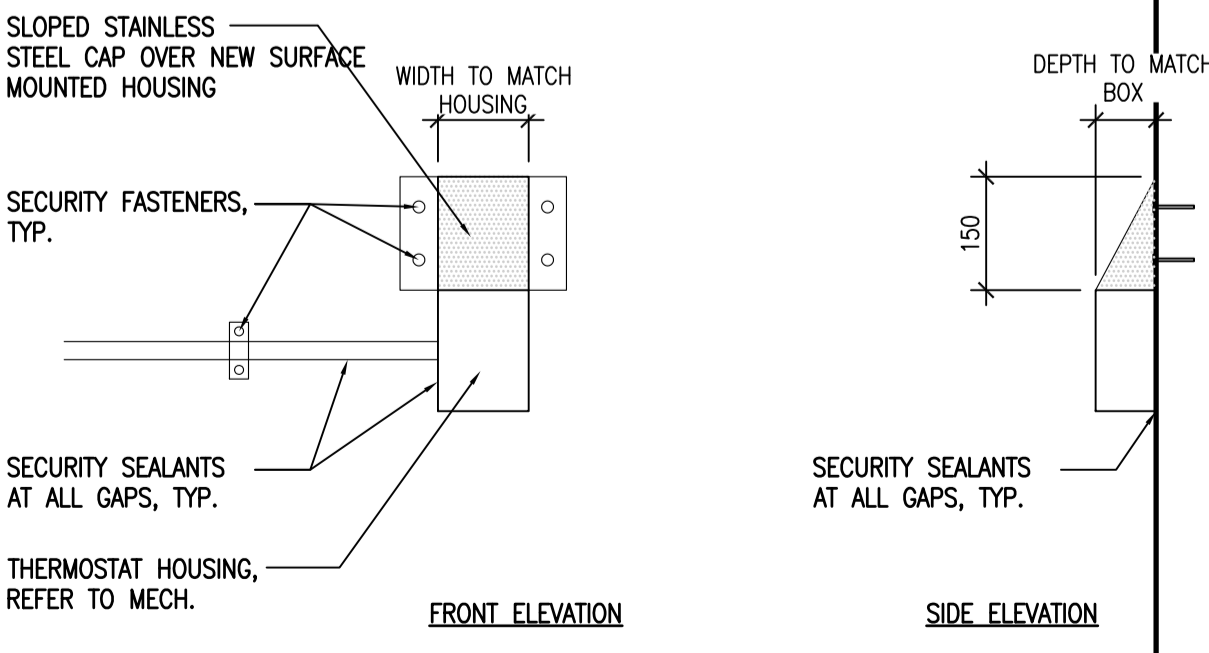
03 ROOF CURB FOR DUCTS
A502 1:5



04 DUCT PENETRATION THRU WALL
A502 1:5

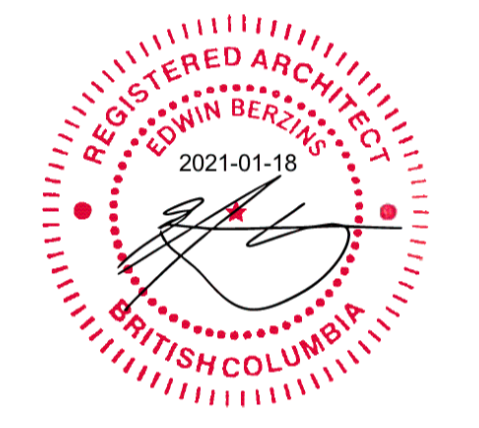


05 PIPE COVER DETAILS
A502 1:10



06 SLOPED CAP DETAILS
A502 1:10





Revision/Revisions	Description/Description	Date/Date
3	RE-ISSUED FOR TENDER	2020.12.14
2	ISSUED FOR TENDER	2020.11.18
1	99% SUBMISSION	2020.10.02

Client/client: **CORRECTIONAL SERVICE CANADA**

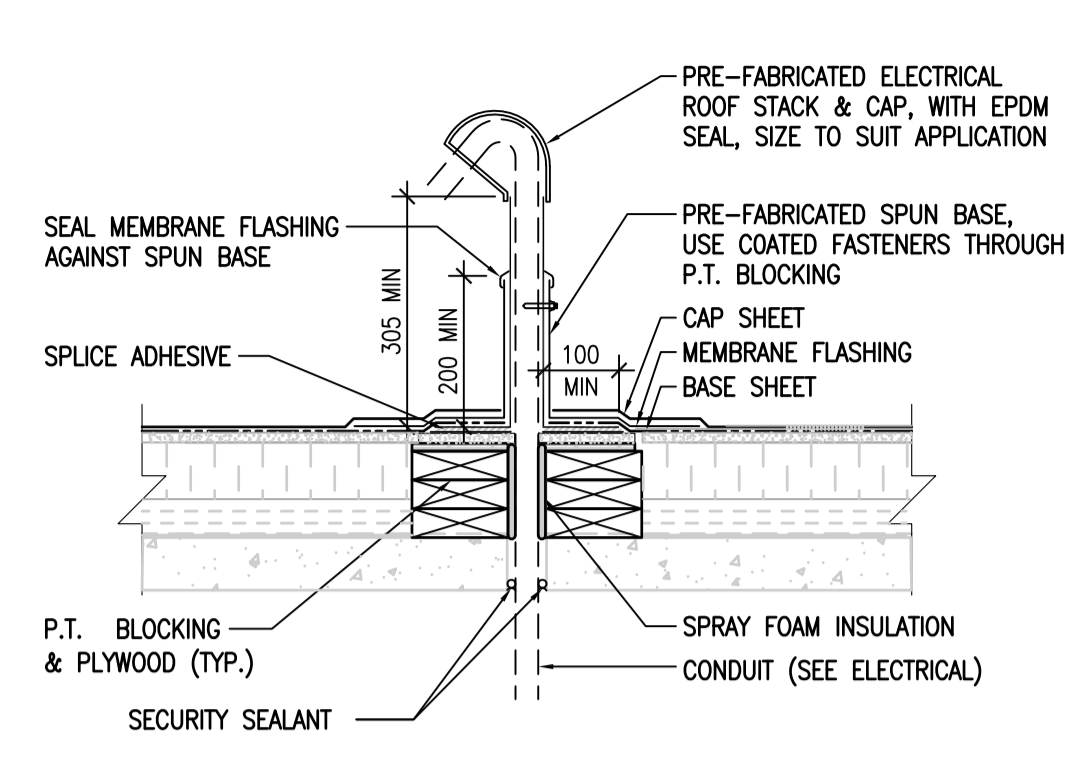
Project title/Titre du projet:
**ABBOTSFORD, BRITISH COLUMBIA
33344 KING ROAD
MATSQUI INSTITUTION LIVING UNIT 5
MATSQUI LIVING UNIT 5
UNDERSLAB SUPPLY
VENTING REPAIR**

Consultant Signature Only

Designed by/Concept par: **BEN MONROE**
 Drawn by/Dessiné par: **MING HSU**
 PWGSC Project Manager/Administrateur de Projets TPSGC: **KEN WENDT**
 Regional Manager, Architectural and Engineering Services / Gestionnaire régionale, Services d'architecture et de génie, TPSGC: **PREETPAL PAUL**

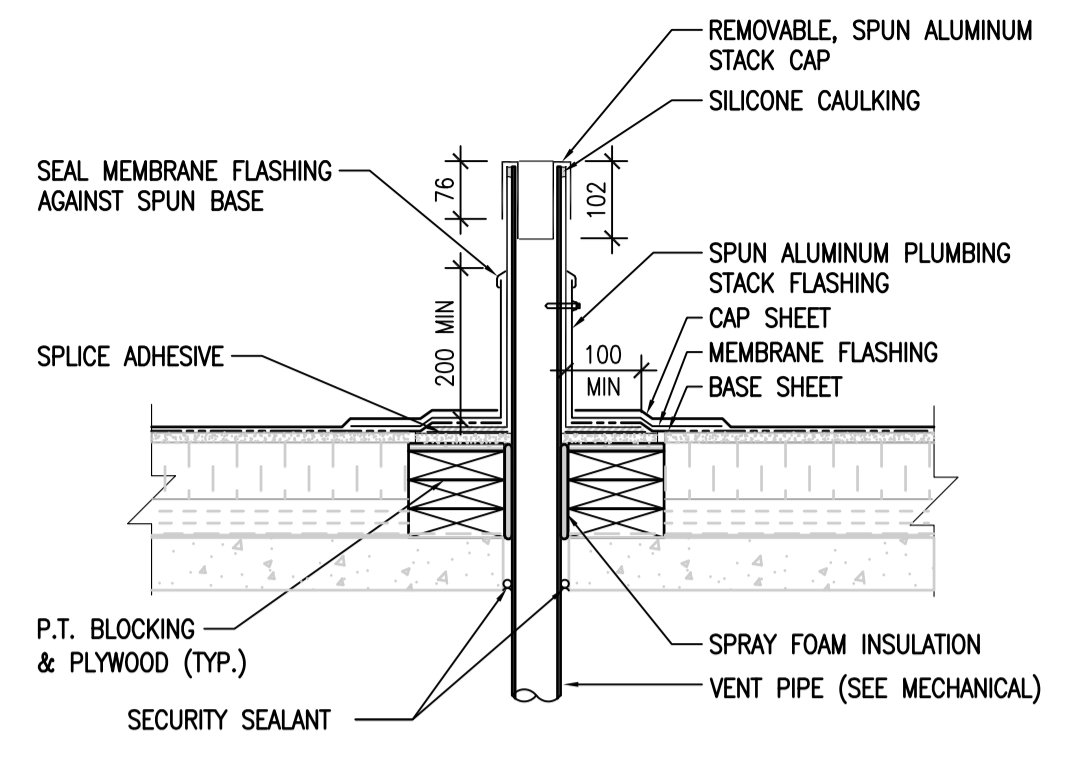
Drawing title/Titre du dessin: **DETAILS**

Project No./No. du projet: R.111315.001	Sheet/Feuille: A503	Revision no./La Révision no.: 3
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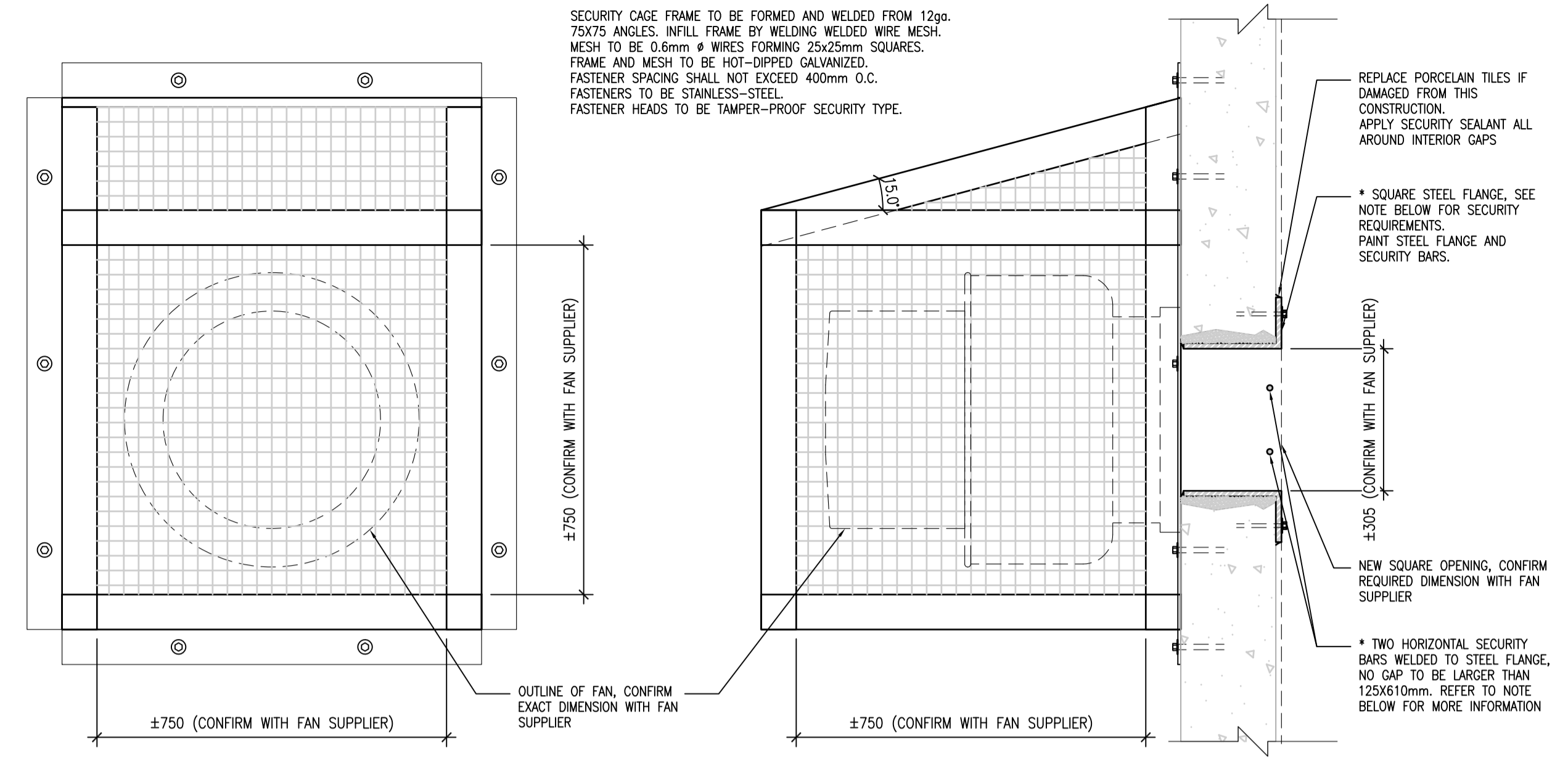
NOTE:
- ALL FASTENERS IN CONTACT W/P.T. LOCKING SHALL BE OF COATED TYPE

01 ELECTRICAL FLASHING
A503 1:10

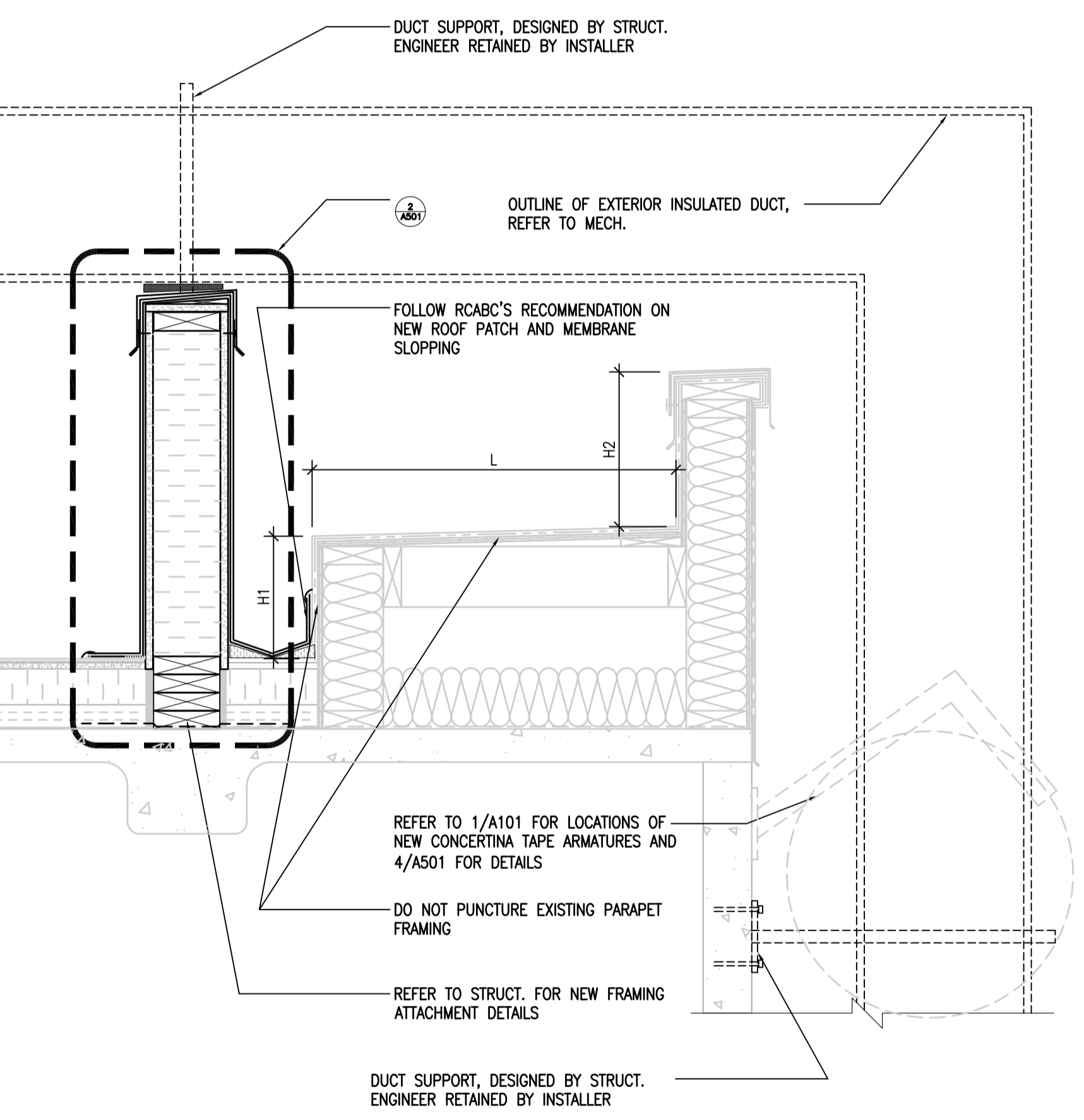


NOTE:
- ALL FASTENERS IN CONTACT W/P.T. LOCKING SHALL BE OF COATED TYPE

02 VENT STACK FLASHING
A503 1:10



04 SECURITY CAGE & BARS
A503 1:10

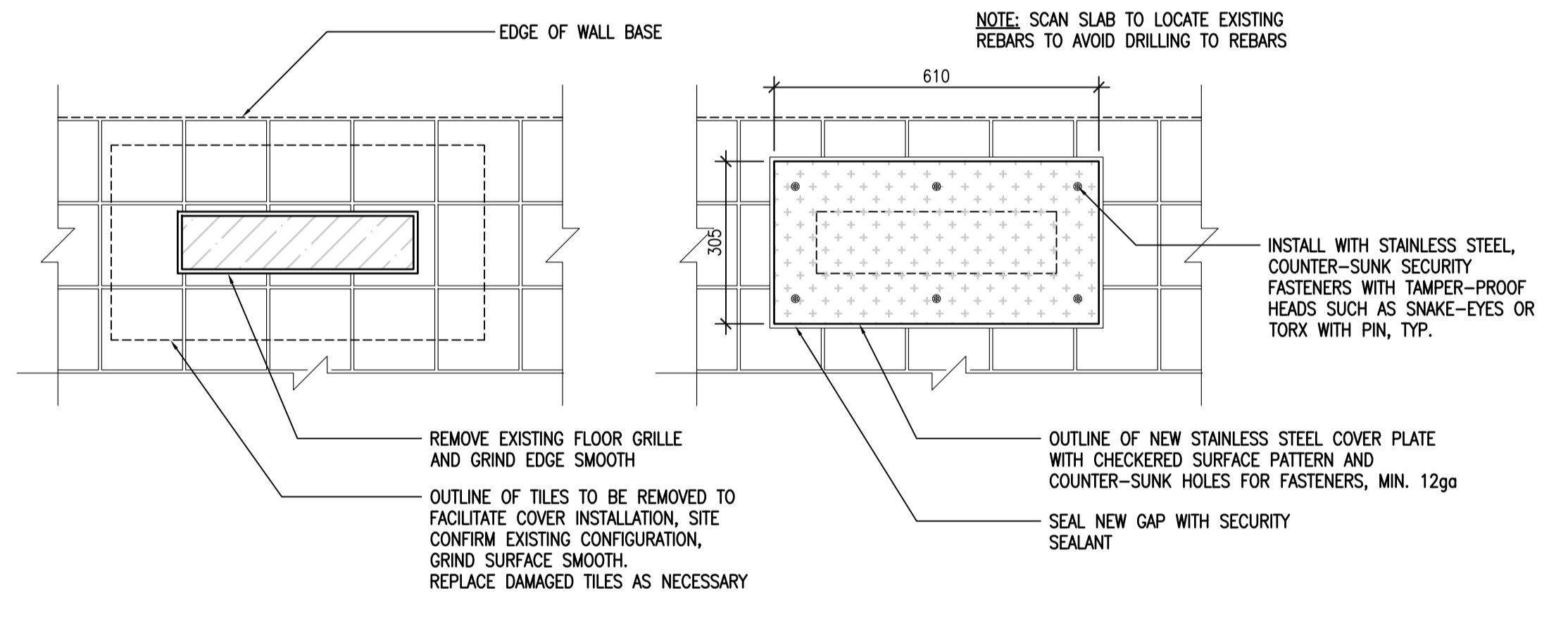


DIMENSION CHART

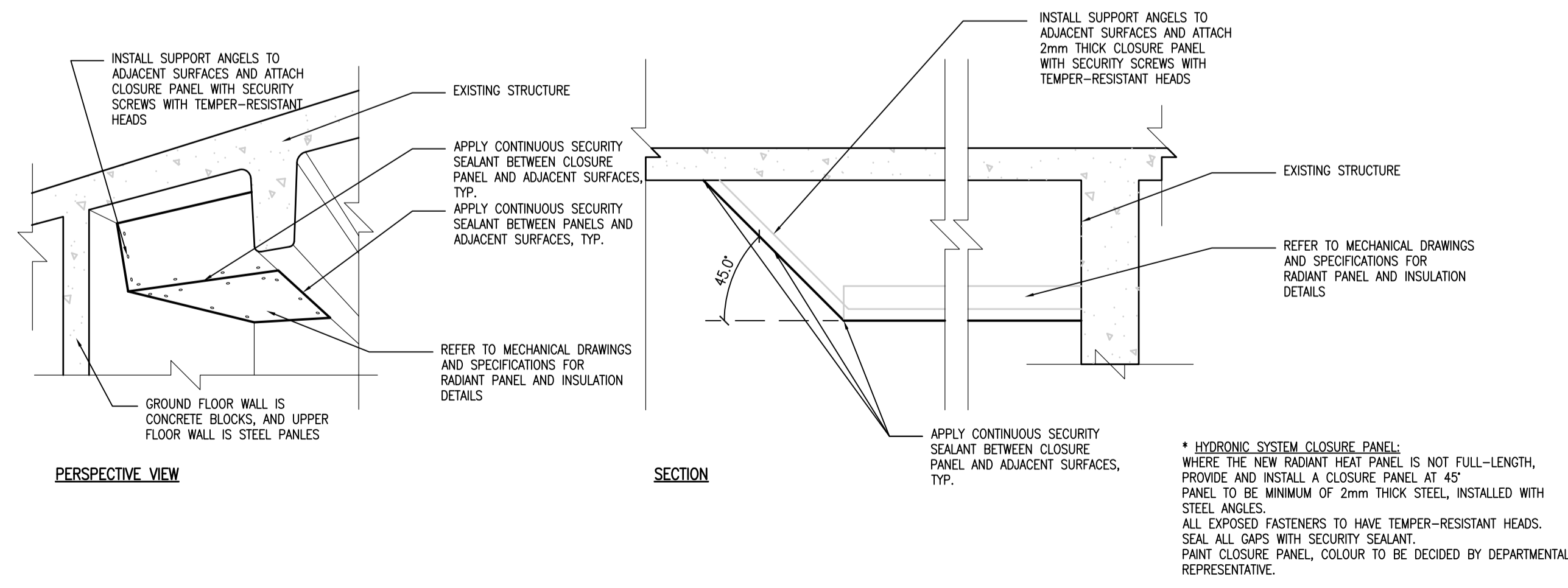
SECTION	PARAPET LOCATION	L (mm)	H1 (mm)	H2 (mm)
3A	NORTH	660	254	203
3B	EAST	660	254	203
3C	SOUTH	915	305	152

DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. EXPECT MINOR VARIATIONS AT ANY GIVEN LOCATION. GC TO CONFIRM EXACT DIMENSION AT EACH SUPPORT.

03 DUCT SUPPORT NEXT TO PARAPET
A503 1:10

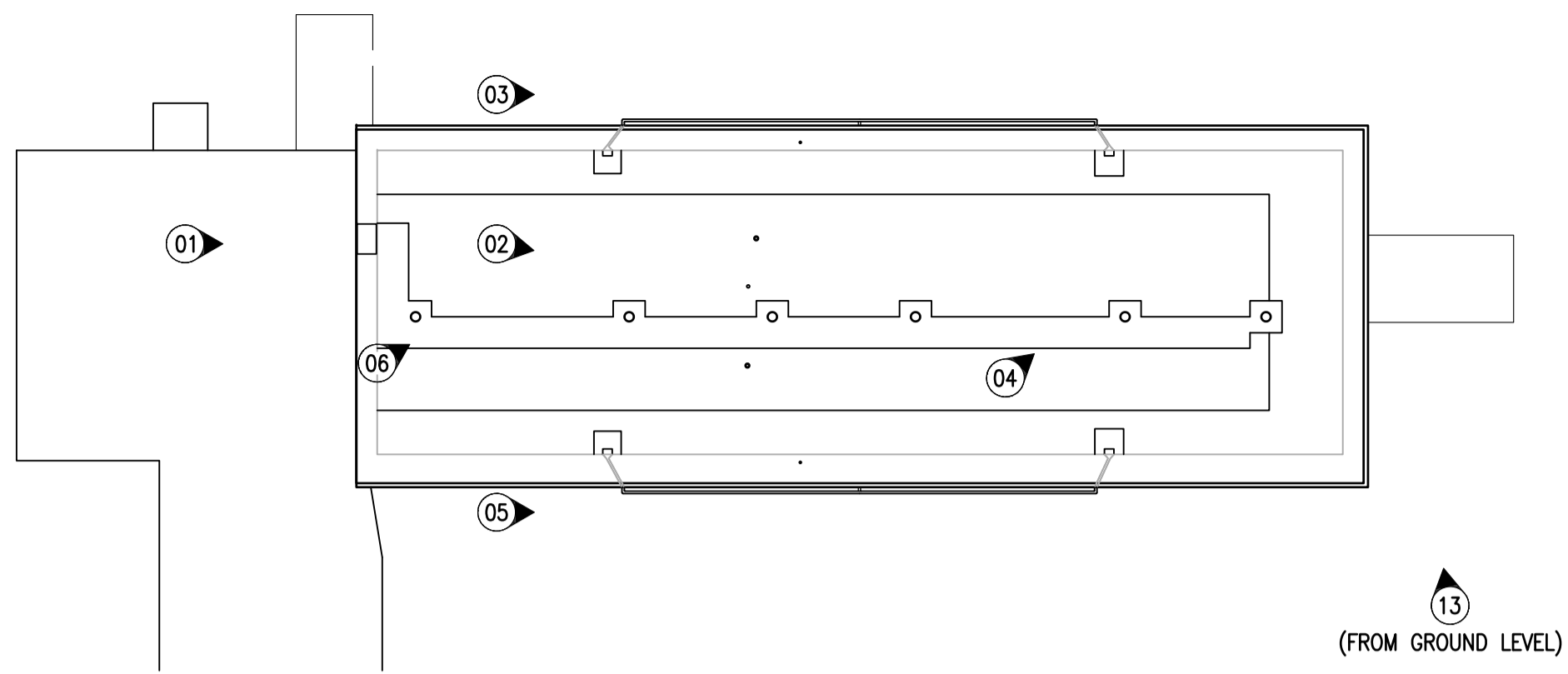


05 FLOOR GRILLE COVER
A503 1:10

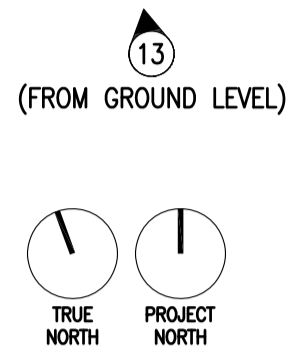


06 CLOSURE PANEL FOR HYDRONIC SYSTEM
A503 N.T.S.





01 KEY PLAN: ROOF
AB01 N.T.S.



01: VIEW FROM WEST ADJACENT ROOF



02: ROOF, VIEWED FROM WEST



03: NORTH PARAPET AND RAIN WATER LEADER



04: ROOF, NORTH EAST CORNER



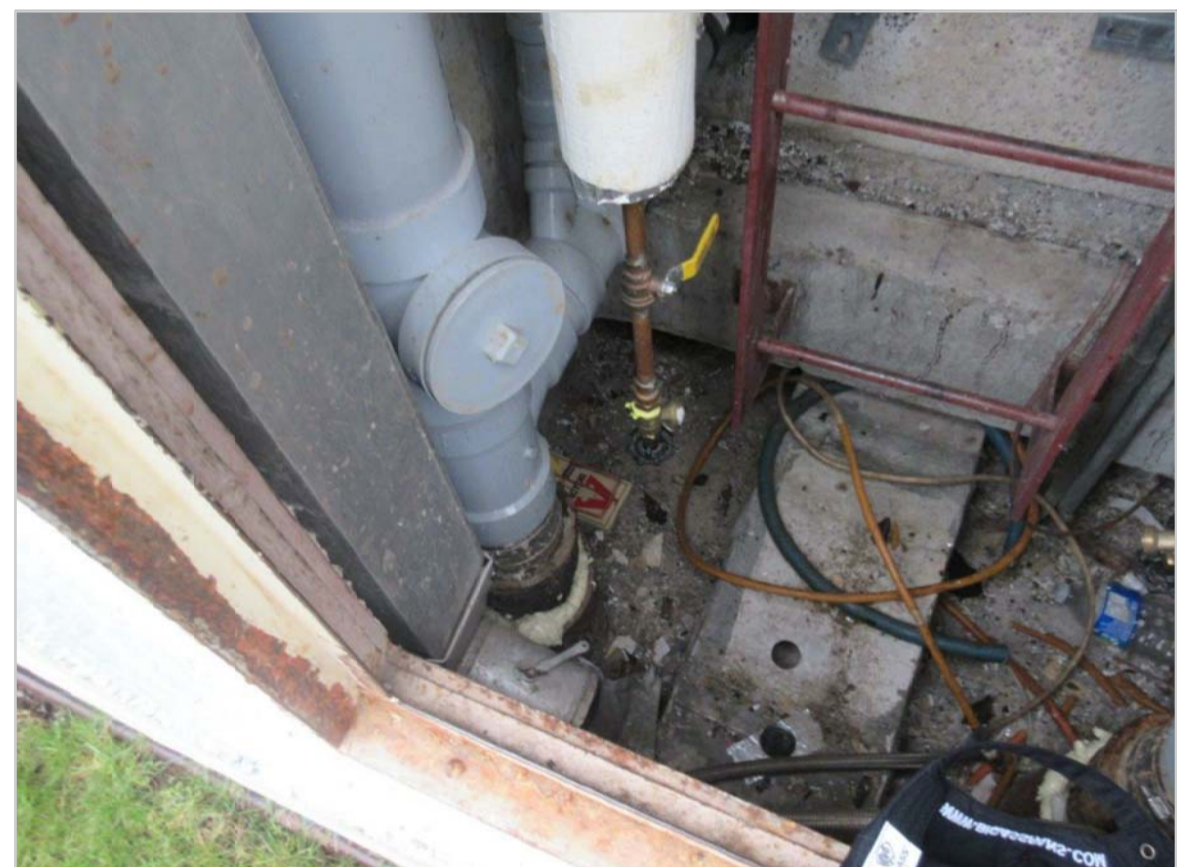
05: SOUTH PARAPET WITH CONCERTINA TAPE



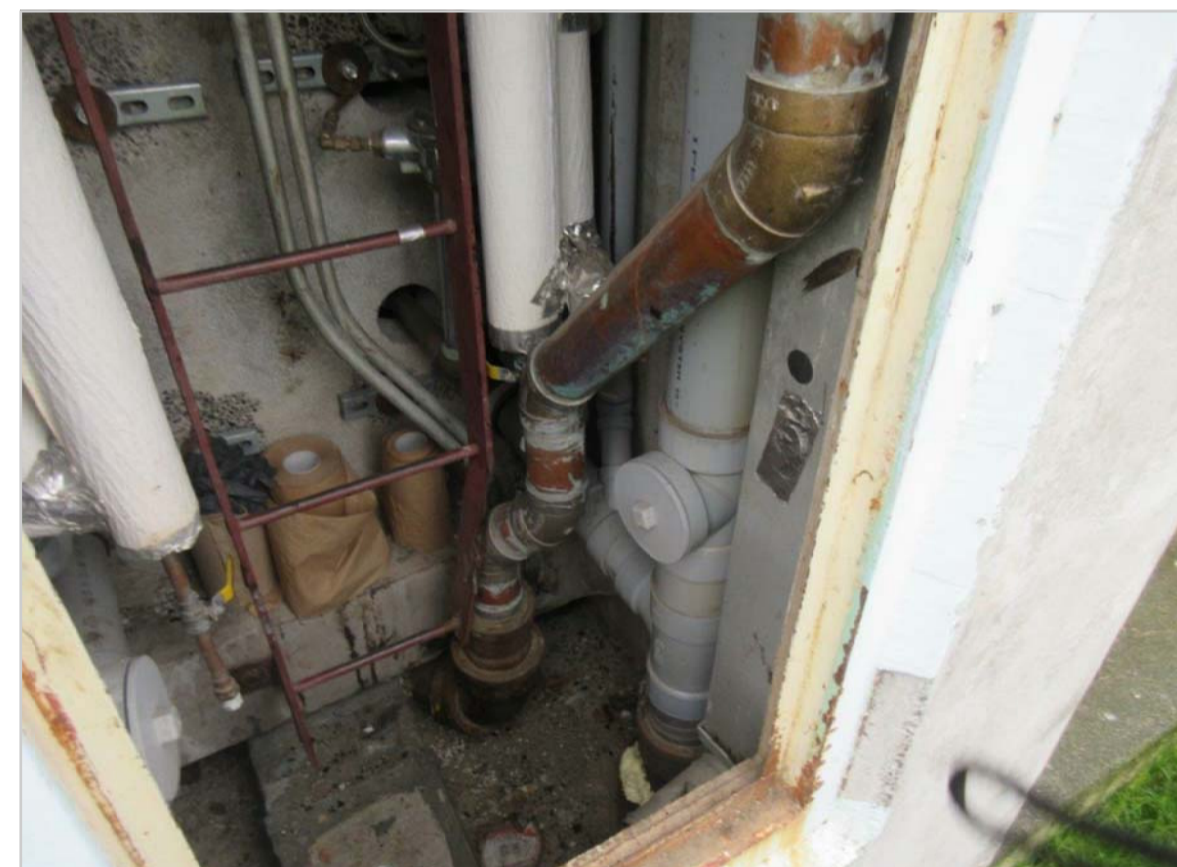
06: END ROOF ANCHOR WITH SHOCK ABSORBER



07: TYPICAL CONDITION OF EXTERIOR CHASE BASE, WITHOUT RAIN WATER LEADER



08: TYPICAL CONDITION OF EXTERIOR CHASE BASE, LEFT SIDE



09: TYPICAL CONDITION OF EXTERIOR CHASE BASE, RIGHT SIDE, WITHOUT RAIN WATER LEADER



10: TYPICAL VIEW OF EXTERIOR CHASE, BEHIND LOWER ACCESS PANEL



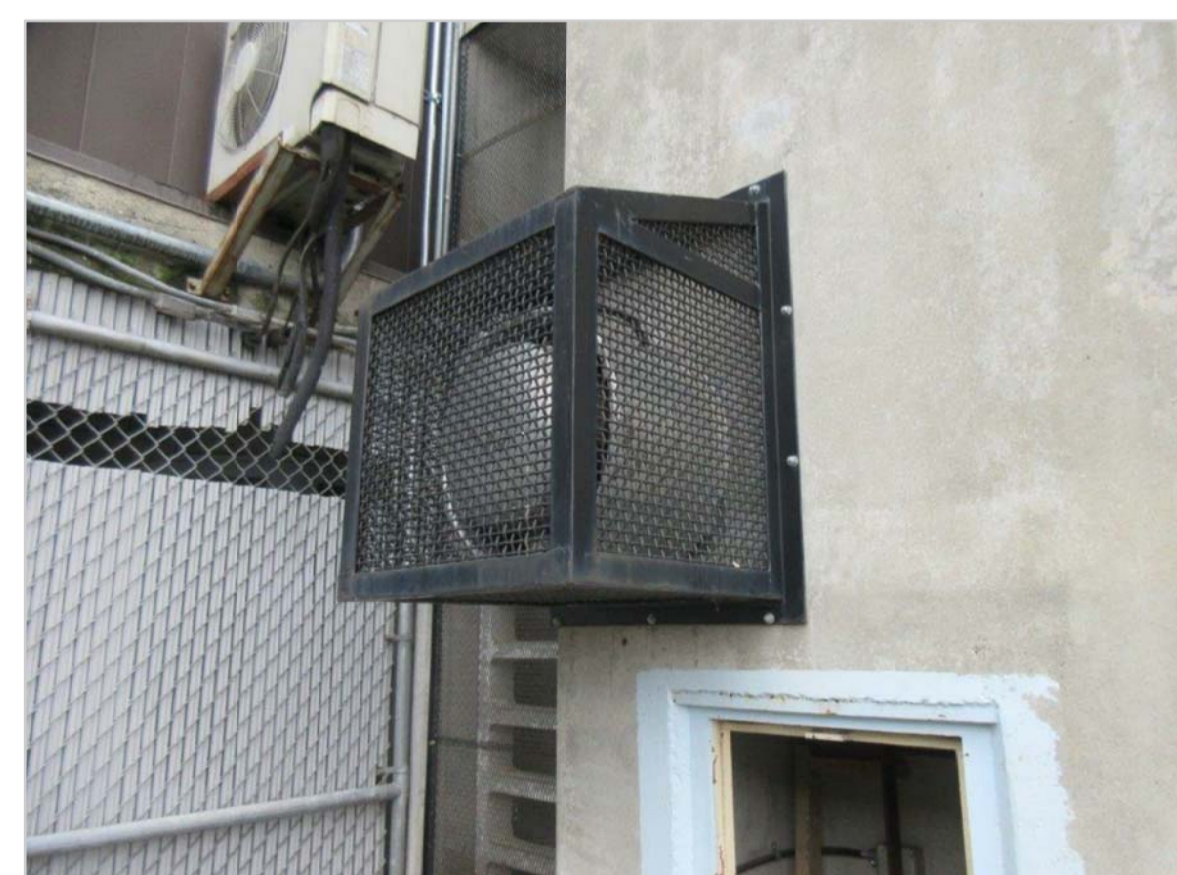
11: TYPICAL INTERMEDIATE GRATE INSIDE EXTERIOR CHASE



12: TYPICAL CONDITION INSIDE EXTERIOR CHASE, TOWARDS THE TOP



13: EXTERIOR VIEW OF THE EAST STAIR



14: EXISTING CAGE AROUND EXTERIOR FAN, AS AN EXAMPLE



1	ISSUED FOR TENDER	2020.11.18
Revision/	Description/Description	Date/Date
Client/client		

CORRECTIONAL SERVICE CANADA

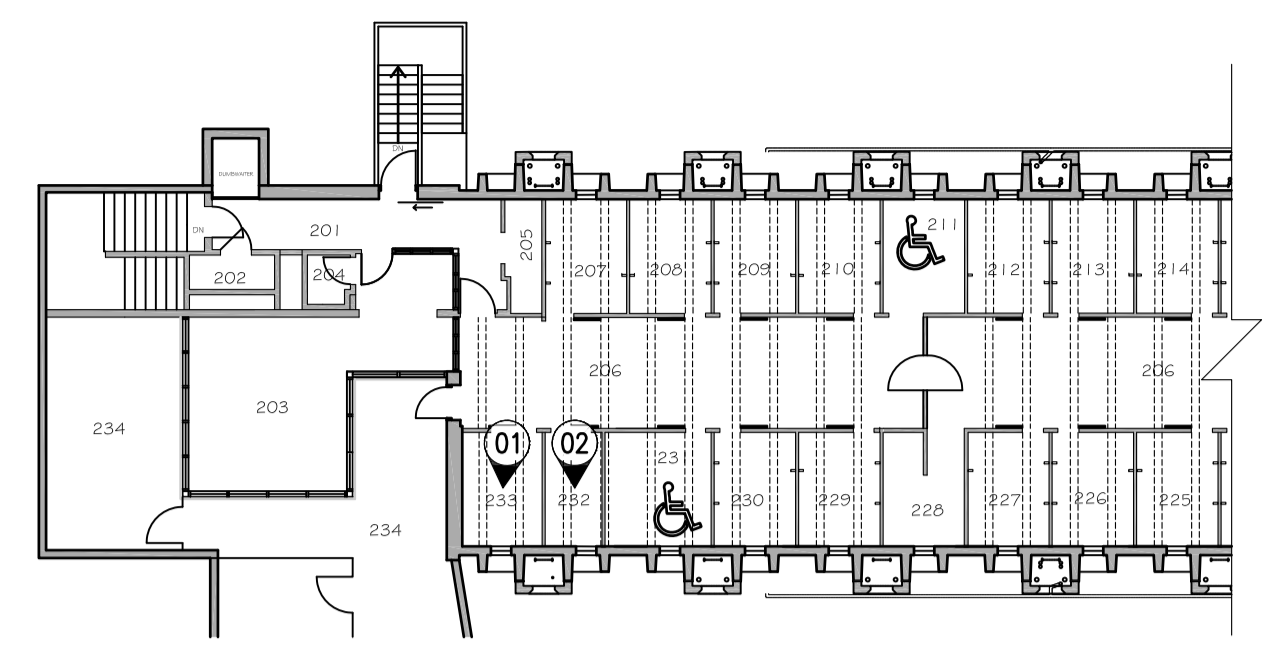
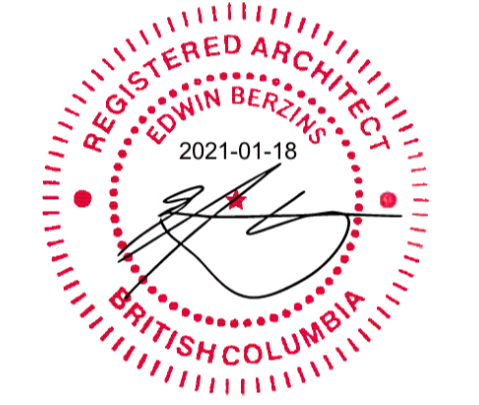
Project title/Titre du projet
ABBOTSFORD, BRITISH COLUMBIA
33344 KING ROAD
MATSQUI INSTITUTION LIVING UNIT 5
MATSQUI LIVING UNIT 5
UNDERSLAB SUPPLY
VENTING REPAIR

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MING HSU
 PWSC Project Manager/Administrateur de Projets TPSGC
KEN WENDT
 Regional Manager, Architectural and Engineering Services
 Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL
 Drawing title/Titre du dessin

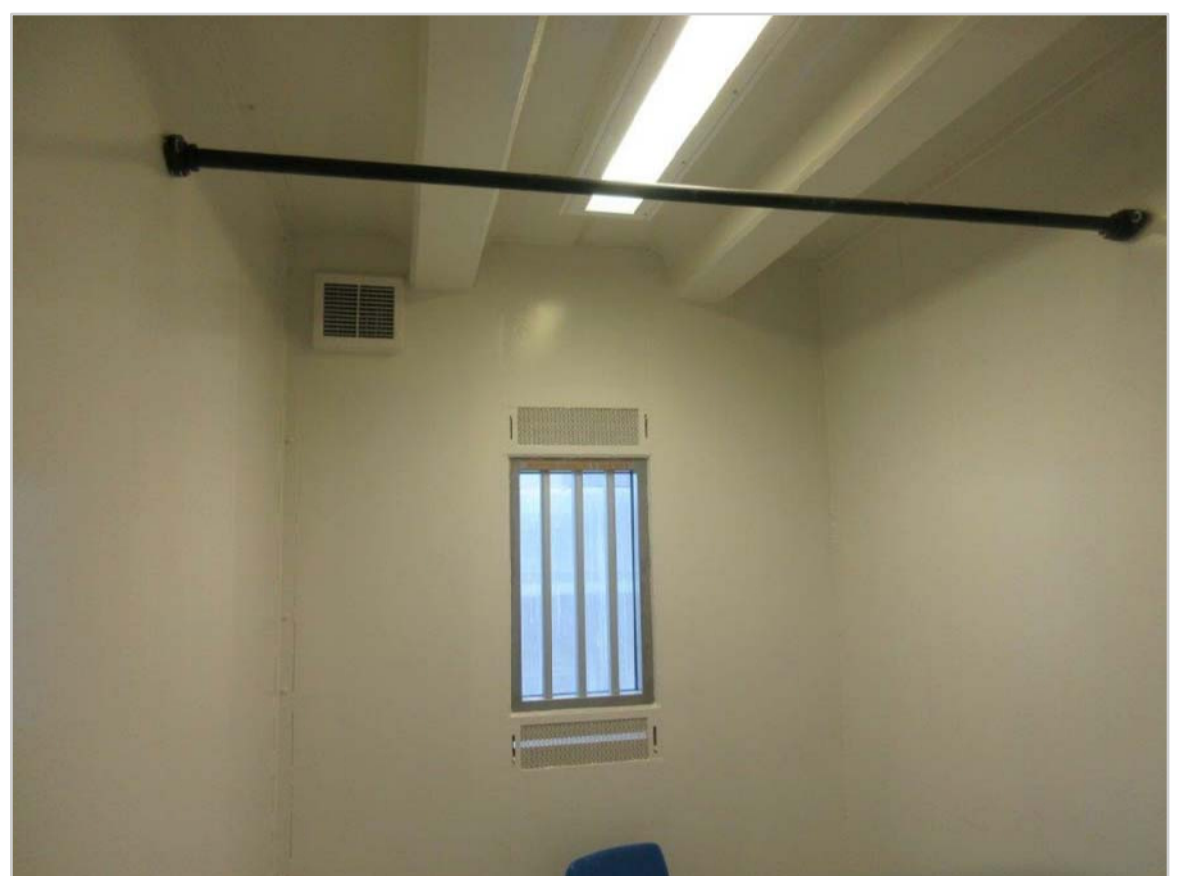
EXISTING CONDITION PHOTOGRAPHS

Project No./No. du projet R.111315.001	Sheet/Feuille A801 OF	Revision no./La Révision no. 1
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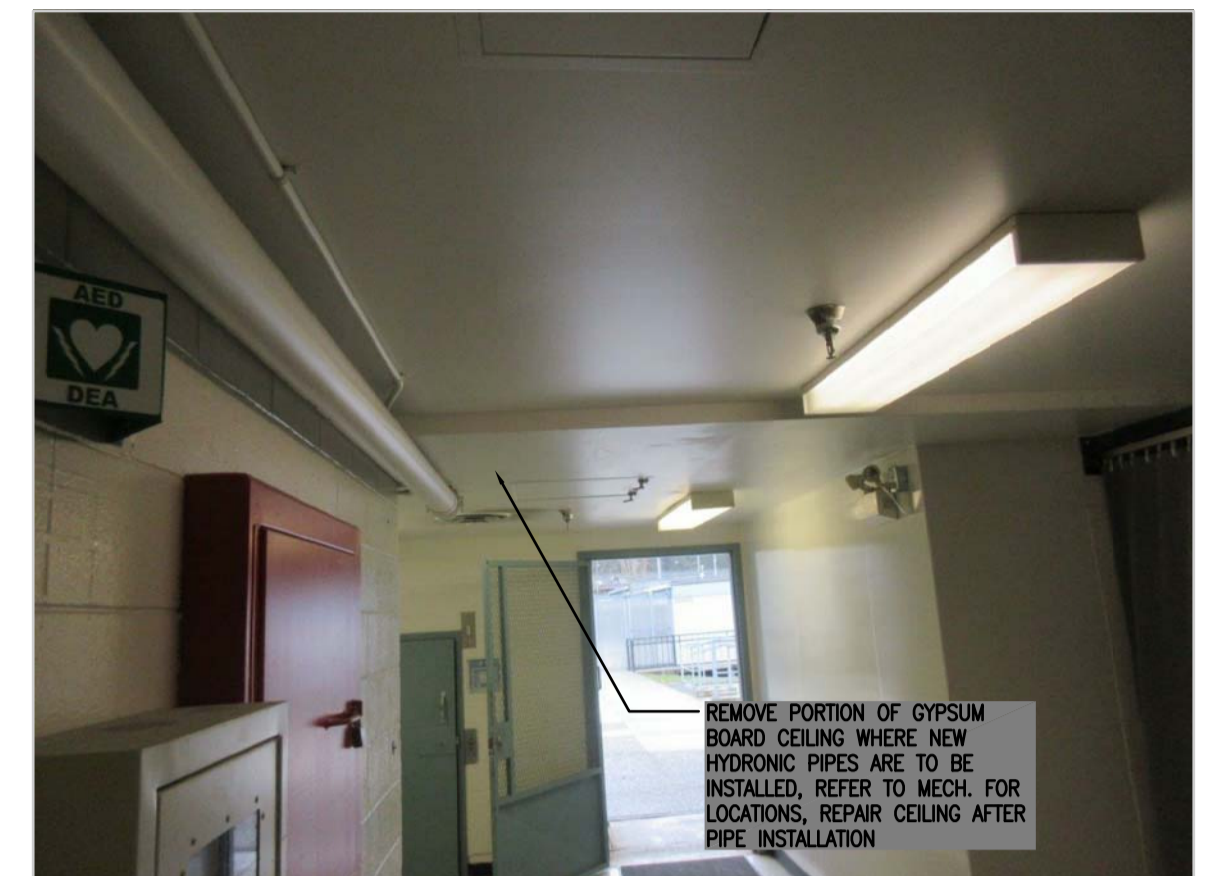
01 KEY PLAN: 2ND FLOOR
A802 / N.T.S.



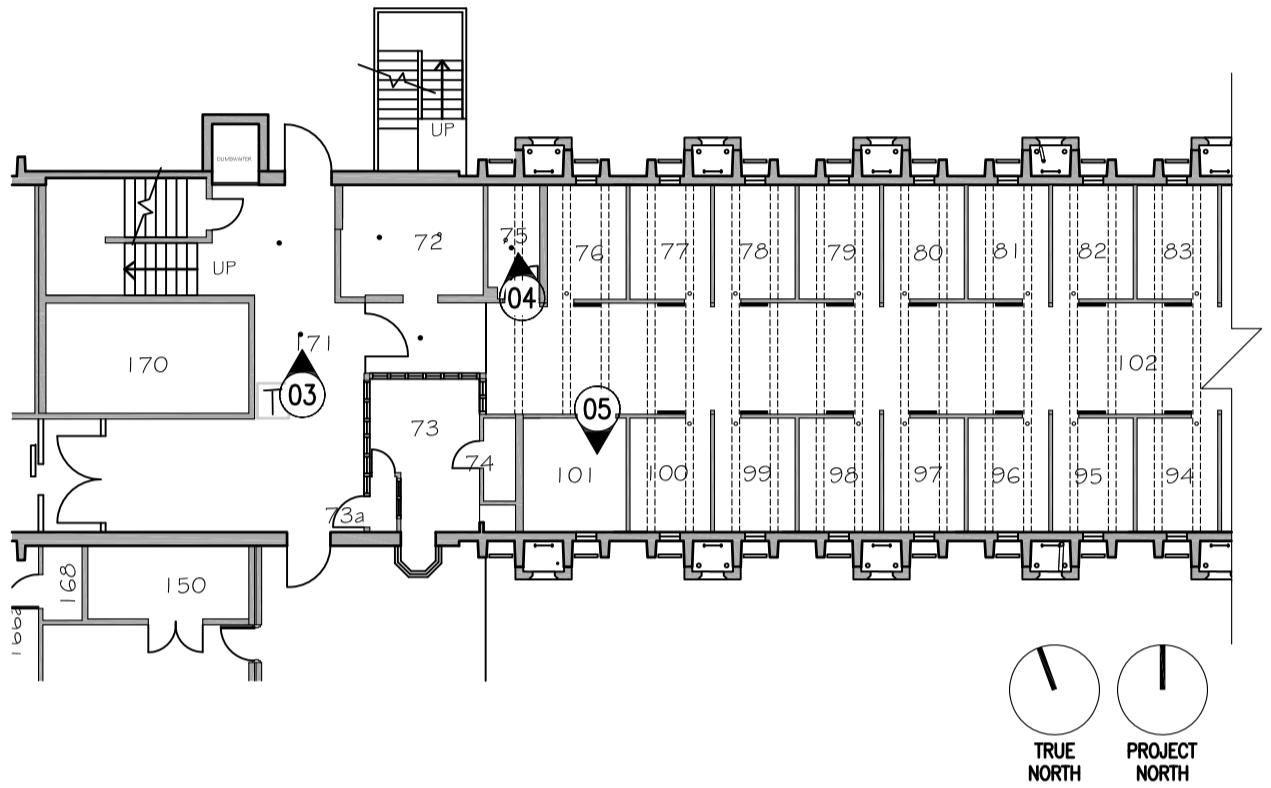
01: INTERVIEW ROOM 233 CEILING



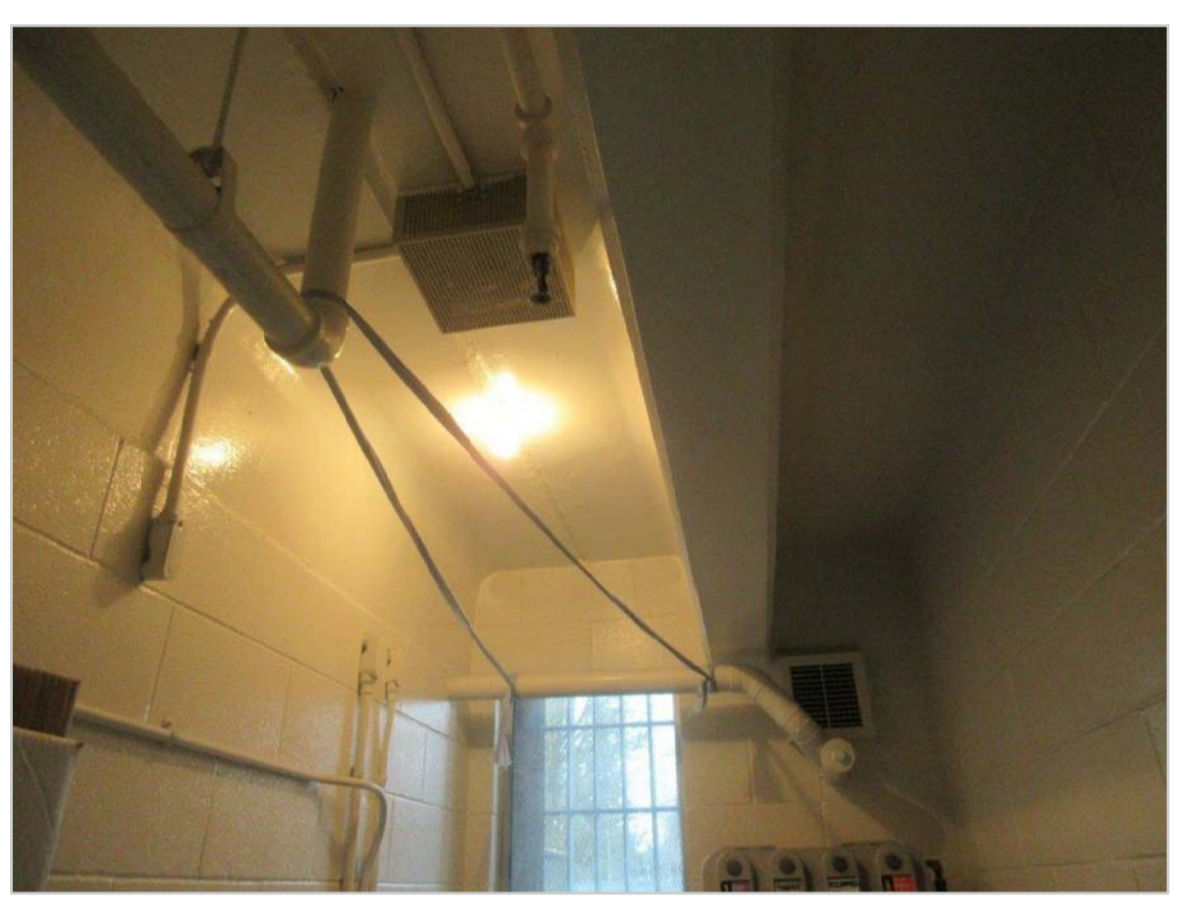
02: LAUNDRY ROOM 232



03: CORRIDOR 171 CEILING



02 KEY PLAN: 1ST FLOOR
A802 / N.T.S.



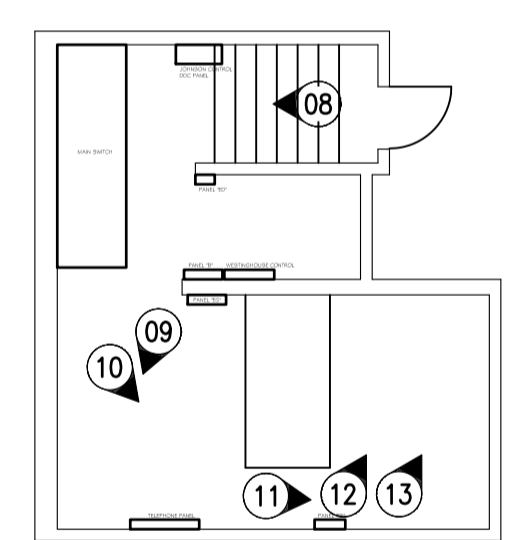
04: LAUNDRY ROOM 75 CEILING



05: SHOWER 110 CEILING



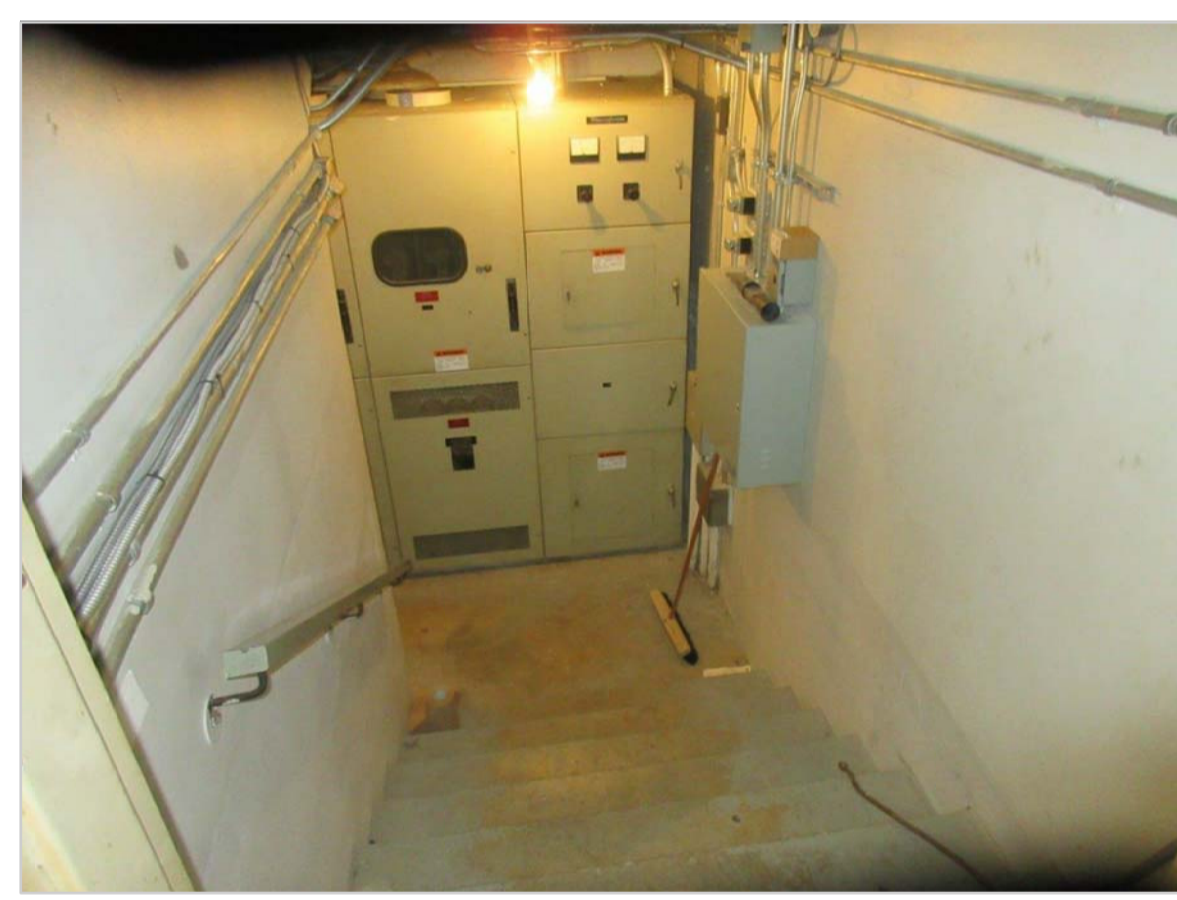
06: TYPICAL CELL CONDITION, TOWARDS WINDOW



03 KEY PLAN: MECH. RM.
A802 / N.T.S.



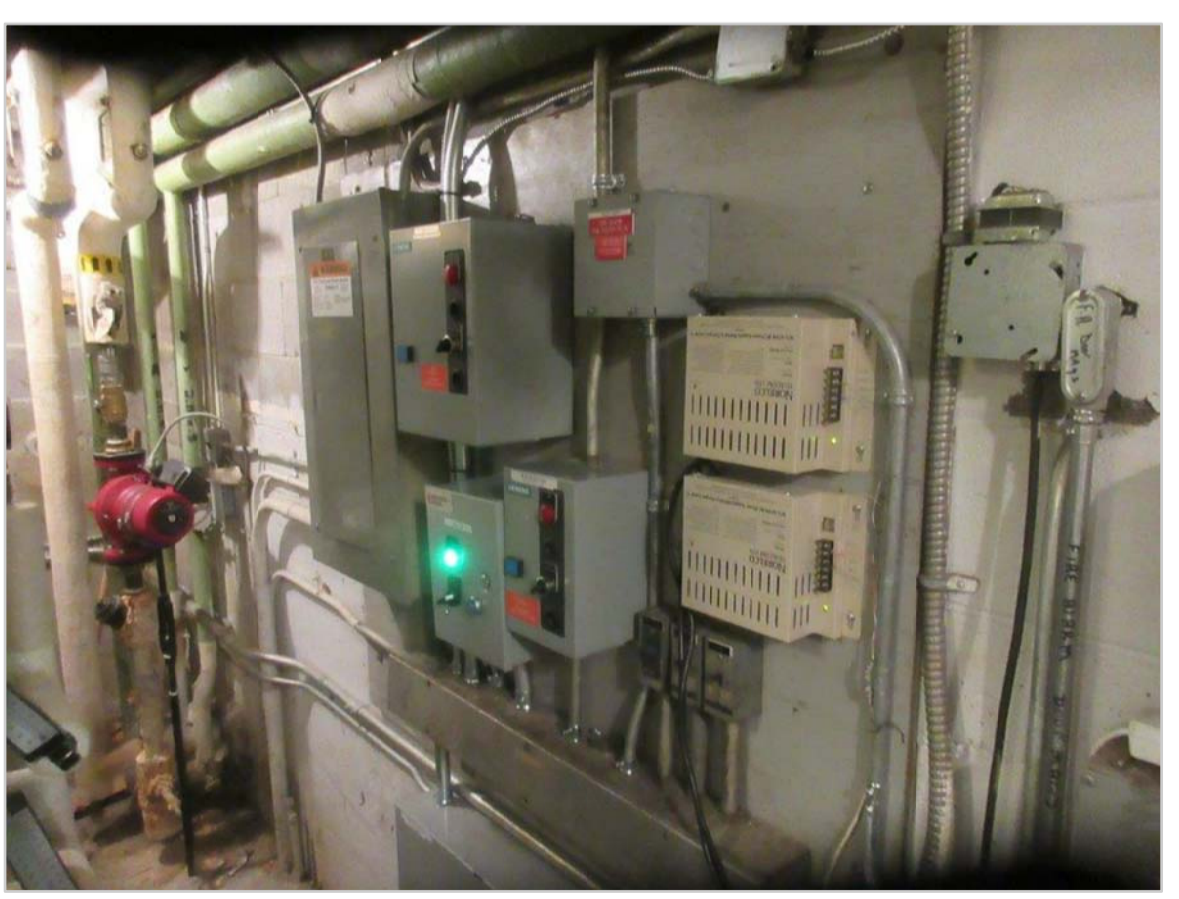
07: TYPICAL CELL CONDITION, ABOVE DOOR



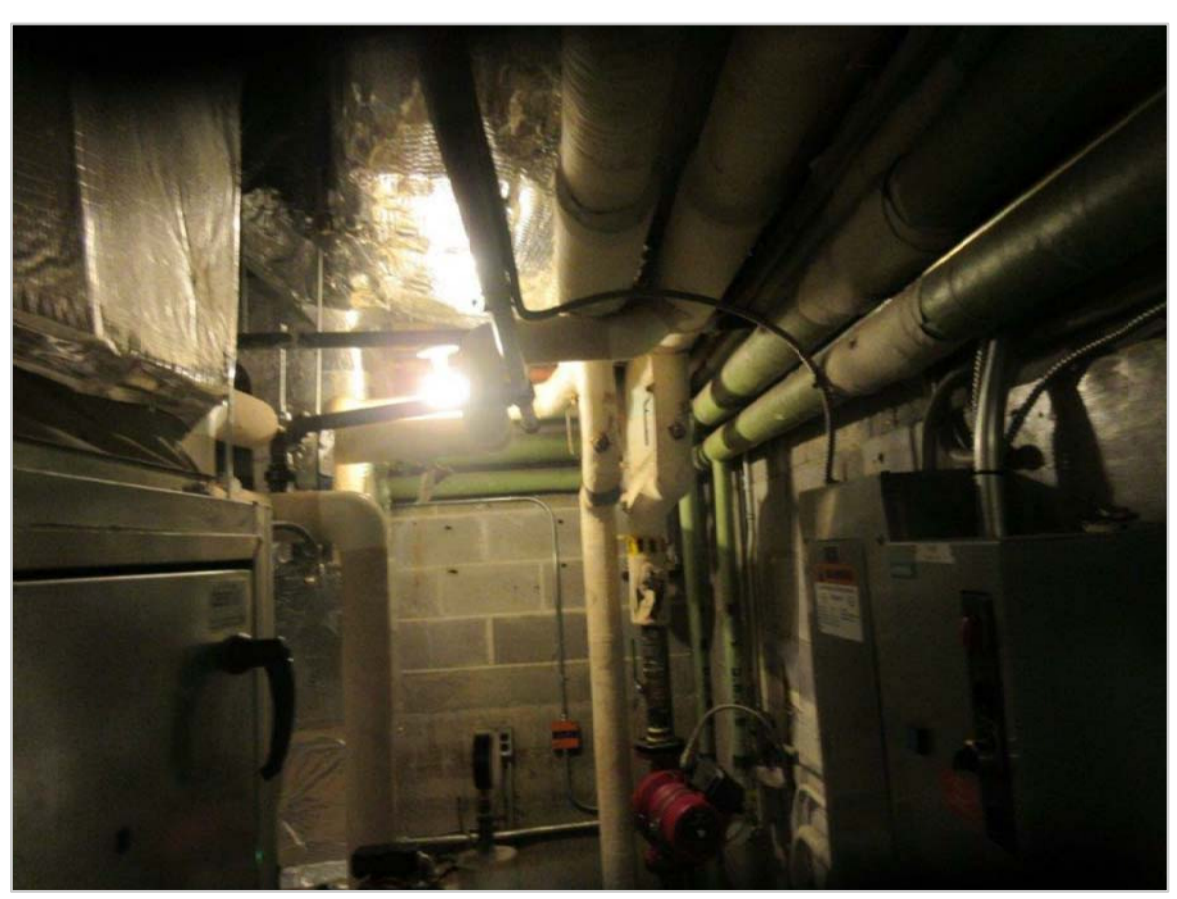
08: SUBSTATION IN BASEMENT MECHANICAL ROOM



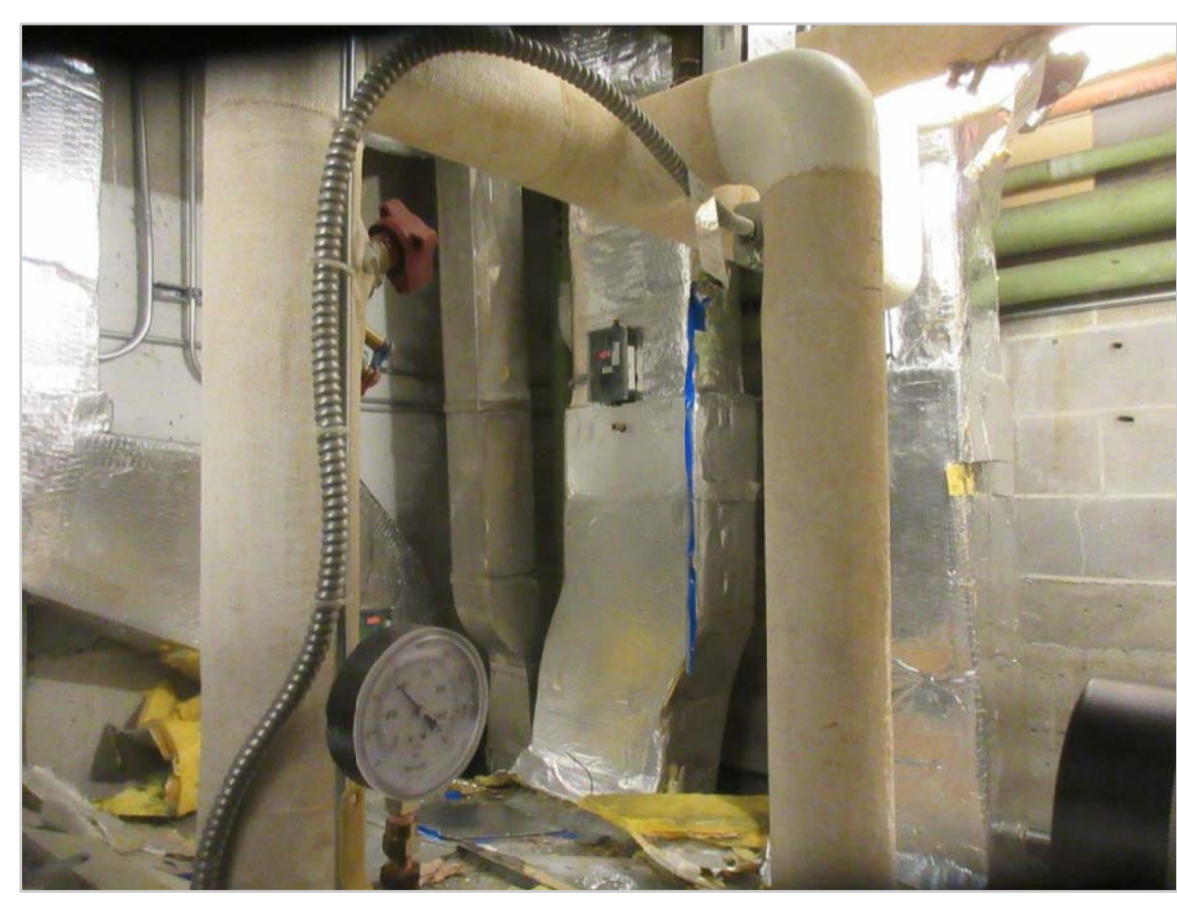
09: SOUTH WEST CORNER OF MECHANICAL ROOM



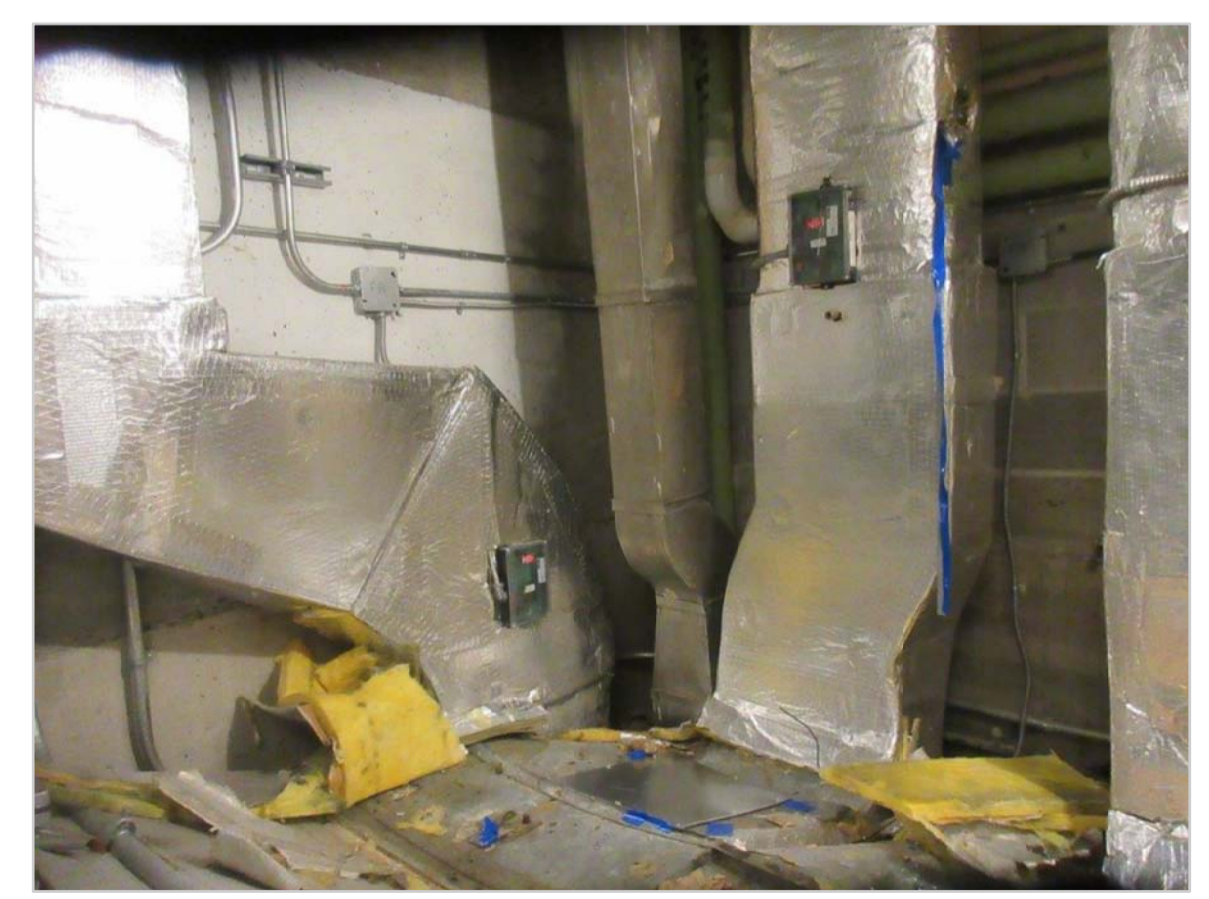
10: SOUTH WALL OF MECHANICAL ROOM



11: SOUTH EAST CORNER OF MECHANICAL ROOM



12: NORTH EAST CORNER OF MECHANICAL ROOM



13: NORTH EAST CORNER OF MECHANICAL ROOM, CLOSE UP

Revision/Revision	Description/Description	Date/Date
1	ISSUED FOR TENDER	2020.11.18

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
**ABBOTSFORD, BRITISH COLUMBIA
33344 KING ROAD
MATSQUI INSTITUTION LIVING UNIT 5
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PWSC Project Manager/Administrateur de Projets TPSGC
KEN WENDT
Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL
Drawing title/Titre du dessin

EXISTING CONDITION PHOTOGRAPHS

Project No./No. du projet R.111315.001	Sheet/Feuille A802 OF	Revision no./La Révision no. 1
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