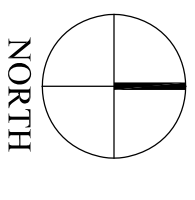


**MINISTRY OF  
PUBLIC WORKS**

**ARCHITECTS SECTION**

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ISSUE / REVISION	No.	Date

1 Issued For Building Approval May 12 2025

**SCALE: AS NOTED**

**SURVEY**  
Prepared By: **SOUTHEN STUDENT** Date: **JULY 2024**

**DESIGN**  
Prepared By: **SS** Date: **APRIL 2025**  
Checked By: **SS** Date:

**DRAWING**  
Prepared By: **SS** Date: **APRIL 2025**  
Checked By:  Date:

Approved By:  Date:

Project Number: **00/00/00**  
Project Title: **SWING BRIDGE COTTAGE**

FORNZA REFINANCE EDUCATION CONSULTING BRIDGE  
#1 MULLET BAY ROAD  
ST. GEORGES  
Sheet Title: **TITLE SHEET**

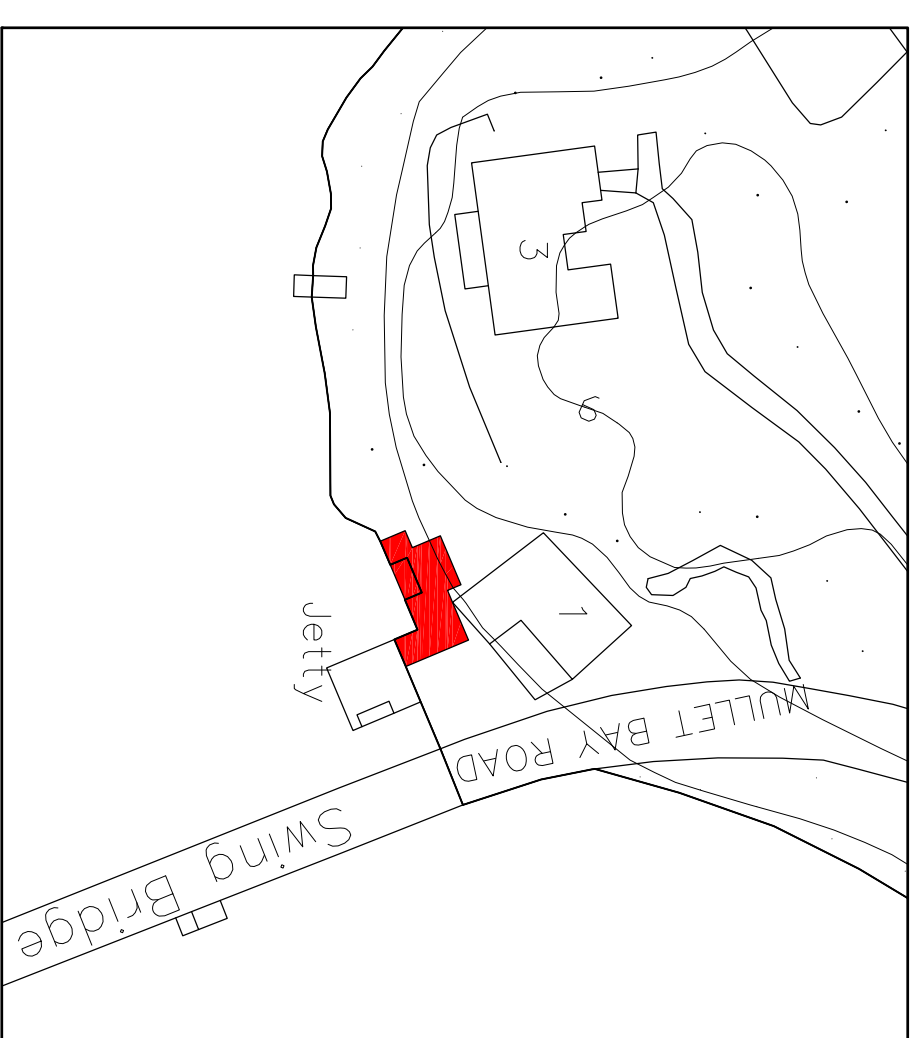
Revisions: 

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 Sheet Number: **A1**



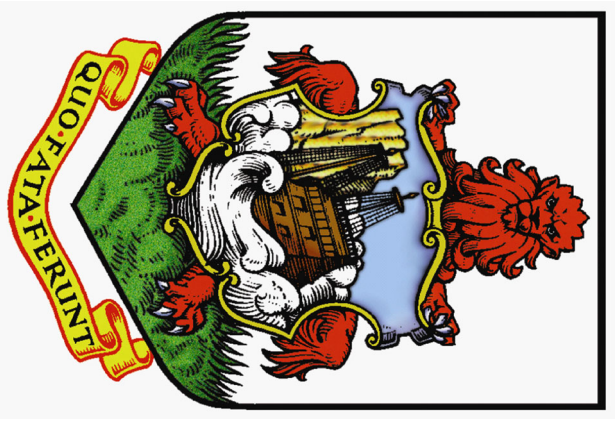
**AERIAL PLAN**  
SCALE – NOT TO SCALE



**LOCATION PLAN**  
SCALE – NOT TO SCALE

**ISSUED FOR BUILDING PERMIT**  
**BERMUDA GOVERNMENT**  
**SWING BRIDGE COTTAGE**

#1 MULLET BAY ROAD, ST. GEORGES  
Prepared by  
**MINISTRY OF PUBLIC WORKS**  
ARCHITECTS SECTION  
FOR  
**DEPARTMENT OF WORKS AND ENGINEERING**





**WASTE MANAGEMENT NOTES:**

- WOOD PRODUCTS EXCEPT THOSE THAT PRODUCE UNSUBSIRABLE EMISSIONS) SHALL BE DELIVERED TO THE TYNES BAY WASTE TREATMENT FACILITY.
- ALL METAL, PVC, GYPSUM BOARD SHALL BE DELIVERED TO THE AIRPORT WASTE MANAGEMENT FACILITY.
- ANY HAZARDOUS WASTE, SUCH AS PRODUCTS CONTAINING MERCURY (LIVE FLOUORESCENT LAMP, MERCURY SWITCHES) (PESTICIDES, OILS) SHALL NOT BE ACCEPTED AT ANY FACILITY. PRIOR ARRANGEMENT WITH THE WASTE MANAGEMENT SECTION OF THE MINISTRY OF WORKS AND ENGINEERING.
- MISCELLANEOUS METAL, SUCH AS DOOR FRAMES, WINDOW FRAMES, WITH OR WITHOUT GLASS, SHALL BE DELIVERED TO THE AIRPORT DUMP SITE.
- ALL WHITE GOODS, SMALL APPLIANCES, TV SETS, ETC, SHALL BE CLEARED OF CONTAMINANTS SUCH AS MERCURY, PCB, BEFORE DELIVERY TO THE AIRPORT SITE.
- ALL UNSALVAGEABLE LUMBER IS TO BE STRIPPED OF PLASTER, EXPANDED WIRE MESH, STEEL ATTACHMENTS (EG. DOOR knobs, LOCK SETS, HINGES), ETC. (SMALL NAILS ARE ACCEPTABLE). THE LUMBER SHALL BE DELIVERED TO THE TYNES BAY SITE TO BE STORED AND DELIVERED TO THE TYNES BAY SITE BY PRIOR ARRANGEMENT WITH THE MANAGER OF THE TYNES BAY SITE.
- ALL PLASTER, PLASTER LATH, ETC. AND ASSOCIATED EXPANDED METAL MESH SHALL BE SIZED TO MANAGEABLE DIMENSIONS AND METAL MESH MIXED WITH OTHER DEMOLITION WASTE TO THE AIRPORT SITE.
- CARPETS SHALL BE STRIPPED FROM THE SITE, ROLLED INTO SIZE NOT EXCEEDING 10" IN DIAMETER AND 10' IN LENGTH AND SHALL BE DELIVERED TO THE TYNES BAY SITE. GENERAL CONTRACTOR SHALL ARRANGE TRANSPORTATION AND PRIOR ARRANGEMENTS WITH FACILITY MANAGEMENT PRIOR TO DROP-OFF.
- ALL WOODEN FURNITURE/WORK IS TO BE AS FREE OF METAL AS PRACTICAL, AND TRANSPORTED TO THE TYNES BAY SITE AND DELIVERED TO THE AIRPORT SITE.

**GENERAL NOTES:**

- IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO: -USE FIGURE DIM. IN PREFERENCE TO SCALING -IDENTIFY AND MARK ALL THE GOODS FROM AND DURING DEMOLITION, INCLUDING THE GOODS FROM AND DURING CONSTRUCTION. -DETERMINE THE LOCATION OF EXISTING SERVICES AND REQUIRED CHANGES VERIFY ALL EXISTING CONDITIONS FOR COORDINATION OF WORK TO BE EXECUTED -REPORT ANY DISCREPANCIES OR SUBSTITUTIONS TOBE REMOVED BY THE PROJECT MANAGER BEFORE PROCEEDING.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ANY PERMITS EXCEPT THE BUILDING PERMIT, INCLUDING WORK PERMITS FOR FOREIGN SUB-CONTRACTORS AND INSPECTIONS REQUIRED BY AND AS APPLICABLE FOR OCCUPANCY. THE CONTRACTOR WILL ALSO BE RESPONSIBLE TO ARRANGE FOR ANY REQUIRED INSPECTIONS BY THE AUTHORITIES HAVING JURISDICTION OVER THE PROJECT.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH ACCEPTABLE TRADE PRACTICES FOR PRODUCTS OF THIS NATURE, AND SHALL CONFORM TO ALL CURRENT LAWS, RULES REGULATIONS AND CODE REQUIREMENTS APPLICABLE TO THE WORK REQUIRED BY THE AUTHORITIES HAVING JURISDICTION OVER THE PROJECT.
- THE CONTRACTOR SHALL CONFORM TO THE LOCAL BUILDING CODES, LATEST EDITION. U.S. STANDARDS WHERE APPLICABLE, AND STANDARDS FOR THE PRESERVATION OF PUBLIC HEALTH AND CONSTRUCTION SAFETY, WHICH ARE, OR BECOME, IN FORCE DURING THE PERFORMANCE OF THE WORK. THE LAW OF THE PLACE OF BUILDING SHALL GOVERN THIS CONTRACT.
- IN THE EVENT OF CONFLICTS BETWEEN CONTRACT DOCUMENTS THE FOLLOWING SHALL APPLY: (A) FIGURED DIMENSIONS SHOWN ON A DRAWING SHALL GOVERN EVEN THOUGH THEY MAY DIFFER FROM DIMENSIONS SCALED ON THE SAME DRAWING (B) LARGER SCALE OF THE SAME DATE (C) SPECIFICATIONS SHALL GOVERN OVER DRAWINGS (D) THE GENERAL CONDITIONS SHALL GOVERN OVER SPECIFICATIONS (E) SUPPLEMENTARY CONDITIONS SHALL GOVERN OVER THE GENERAL CONDITIONS (F) AGREEMENT BETWEEN THE OWNER AND THE CONTRACTOR SHALL GOVERN OVER ALL DOCUMENTS. NOTWITHSTANDING THE FOREGOING, DOCUMENTS OF LATER DATE SHALL ALWAYS GOVERN.
- THE CONTRACTOR SHALL SECTION OFF THE CONSTRUCTION AREA SUCH THAT DUST IS KEPT TO A MINIMUM AND THE AREA OF WORK IS SECURED FROM UNAUTHORIZED ACCESS. THE CONTRACTOR IS TO KEEP THE SITE IN AN OCCUPIABLE AND OPERATIONAL STATE OF CLEANLINESS. OPERATIONAL SYSTEMS INCLUDE BUT ARE NOT LIMITED TO FIRE DETECTION & SERVICE DISRUPTION AFFECTS OTHER TENANTS. NOTICE OF SUCH SHALL BE PROVIDED BY THE CONTRACTOR AT LEAST 24 HOURS IN ADVANCE.
- THE SITE IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTRACT AND PERMS SHOULD NOT BE USED TO THE END OF EACH WORKING DAY AND UNLAWFULLY DISPOSED OF.
- DRAWINGS ARE NOT TO BE SCALED
- THE CONTRACTOR SHOULD TAKE NECESSARY PRECAUTIONS TO PROTECT THE SITE AND THE SURROUNDING AREA. EXISTING PROPERTY, ALL DISTURBED WORK SHALL BE MADE GOOD TO MATCH EXISTING WORK OR AS DIRECTED BY THE PROJECT MANAGER.
- ENSURE ALL EXISTING SURFACES IN THE GROUND FLOOR REMAIN UNTOUCHED AND PRESERVED THROUGHOUT THE CONSTRUCTION. ANY DAMAGE CAUSED TO EXISTING CONTRACTORS EXPENSE.
- THE CONTRACTOR IN CARRYING OUT THE WORK MUST ADOPT THE NEAREST NEIGHBOURHOOD AND THE NEEDS OF ALL OCCUPATIONAL SAFETY & HEALTH. ENSURING THAT ALL NECESSARY PRECAUTIONS ARE TAKEN TO ENSURE THE SAFETY AND HEALTH OF CONTRACT WORKERS, SITE VISITORS AND ALL PERSONNEL INVOLVED IN THE PROJECT OR ATTENDING THE PREMISES WHERE THE WORK IS BEING COMPLETED, INCLUDING KEEPING MOIST AND DIRT TO A MINIMUM.
- THE CONTRACTOR IS RESPONSIBLE FOR LEAVING THE SITE SECURE EACH DAY THAT WORK IS BEING PERFORMED.
- PROVIDE MILLWORK SHOP DRAWINGS
- CUTTING AND PATCHING -ALL CUTTING AND PATCHING REQUIRED TO THE EXISTING BUILDING STRUCTURE FOR WORK SHALL BE INCLUDED UNDER THIS CONTRACT AND BE ACCEPTABLE TO THE ARCHITECT/OWNER. REPAIRS SHOULD PASS THROUGH FIRE RATED WALLS OR FLOORS. PROVIDE FIRE STOPPING MATERIAL LISTED WITH AND BEAR LABEL OF CSA AND U.L.C. AND MAINTAIN SAME FIRE RATING OF BUILDING COMPONENT PENETRATION.

**SCOPE OF WORK NOTES:**

- LOCATION:** THE LOCATION OF SELECTIVE DEMOLITION TO THE BUILDING STRUCTURE WILL, NORMALLY, BE INDICATED ON THE DRAWINGS AND SHALL BE TO ACCOMMODATE NEW CONSTRUCTION.
- CONDITION OF STRUCTURE:** THE OWNER ASSUMES NO RESPONSIBILITY FOR THE CONDITION OF ITEMS OR STRUCTURES TO BE DEMOLISHED.
- STARTING ANY DEMOLITION OR CONSTRUCTION WORK
- TEMPORARY SIGNAGE:** DURING DEMOLITION OR ALTERATION WORK IN BUILDINGS USED BY THE GENERAL PUBLIC AND STAFF, THE CONTRACTOR SHALL PROVIDE SIGNS DIRECTING BUILDING GOERS TO ALTERNATE "EXIT" "STREET LIGHTS", IN ADDITION TO SIGNS APPOINTING FROM DISRUPTION.
- PROTECTION:** THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT THE OWNER'S PERSONNEL AND THE GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK.
- WHERE APPLICABLE, THE CONTRACTOR SHALL PROVIDE PROTECTIVE MEASURES TO PROVIDE FREE AND SAFE PASSAGE OF THE OWNER'S PERSONNEL AND THE GENERAL PUBLIC TO AND FROM OCCUPIED AREAS OF THE BUILDING.
- WHERE NECESSARY, THE CONTRACTOR SHALL PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF THE STRUCTURE OR ELEMENT TO BE DEMOLISHED AND ADJACENT FACILITIES OR WORK TO REMAIN.
- THE CONTRACTOR SHALL PROTECT FROM DAMAGE ANY EXISTING FINISH WORK THAT IS TO REMAIN AND BECOMES EXPOSED DURING DEMOLITION OPERATIONS, INCLUDING PROTECTING FLOORS WITH SUITABLE COVERINGS WHEN NECESSARY.
- THE CONTRACTOR SHALL CONSTRUCT TEMPORARY DUST-PROOF FENCING OR EXTENSIVE DIRT OR DIRT OPERATION ARE PERFORMED AND EQUIP PARTITIONS WITH DUST-PROOF DOORS AND SECURITY LOOKS IF REQUIRED.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY WEATHER PROTECTION TO ALL EXPOSED AREAS OF THE EXISTING BUILDING STRUCTURE AND EXTERIOR SURFACES AND THE INSTALLATION NEW CONSTRUCTION, TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO THE STRUCTURE AND INTERIOR AREAS OF THE EXISTING BUILDING.
- THE CONTRACTOR SHALL MAKE PROVISION FOR THE CONTINUITY OF UTILITY SERVICES TO OCCUPED AREAS OF THE SITE AND SHALL PERMANENTLY OR TEMPORARILY CAP OFF OR RELOCATE UTILITY SERVICE LINES AS REQUIRED.
- DEMOLISHED AND MASONRY:** CONCRETE AND MASONRY SHALL BE CONSIDERED AS SMALL SECTIONS CUT AT JUNCTIONS WITH OTHER WORKING MATERIALS. IMPACT TOOLS AND POWER-DRIVEN IMPACT TOOLS.
- DEBRIS SHOULD BE PROMPTLY REMOVED TO AVOID IMPOSING EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS AND THE STRUCTURE.
- SERVICES:** IF UNEXPECTED MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS ARE ENCOUNTERED, THE CONTRACTOR SHALL SUBMIT DETAILS OF SUCH TO THE ARCHITECT.
- ASSESSORS AND OTHER HAZARDOUS MATERIALS: IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OR OTHER OPERATIONS, THE CONTRACTOR SHALL CEASE WORK IN THE AFFECTED AREA AND SUBMIT A REPORT TO THE ARCHITECT. ANY WORK IN SUCH AN AREA SHALL COMPLY WITH APPLICABLE REGULATIONS CONCERNING REMOVAL, HANDLING, POLLUTION, AND DISPOSAL.
- BURNING OF ANY REMOVED MATERIALS IS NOT PERMITTED ON THE SITE.

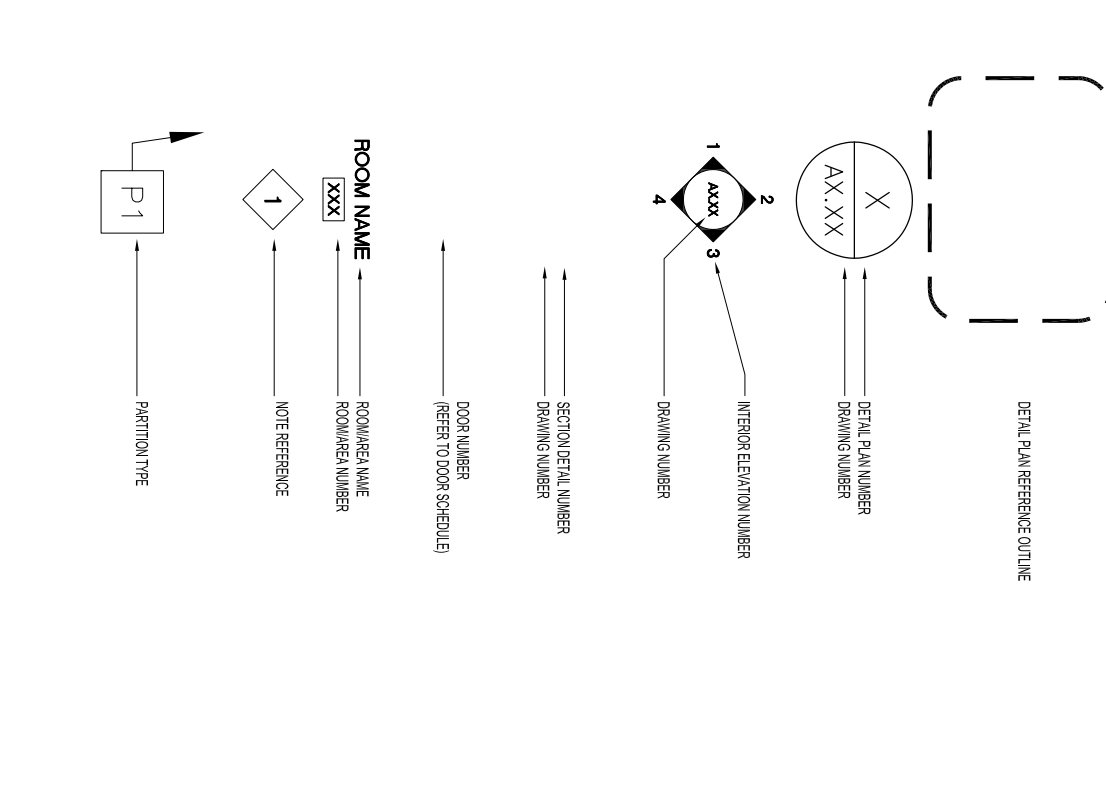
**ELECTRICAL/MECHANICAL/STRUCTURAL:**

ALL ARCHITECTURAL DRAWINGS TO BE REFERENCED IN CONJUNCTION WITH THE ELECTRICAL/MECHANICAL/STRUCTURAL DWGS SUBMITTED BY DESIGN ENGINEER OF RECORD.

**GENERAL DEMOLITION NOTES:**

- FIELD VERIFY ALL DIMENSIONS AND CONDITIONS IN THE EVENT THAT DISCREPANCIES ARE NOTED BETWEEN SITE CONDITIONS AND THE PROJECT DOCUMENTS.
- PROTECT EXISTING CONSTRUCTION AT PERIMETER WALLS, EXISTING CURBED COLUMNS AND AREAS ADJACENT TO DEMOLITION.
- WHERE EXISTING CONSTRUCTION HAS BEEN REMOVED PAPER SUBSTITUTIONS AND ADJACENT SPACES AS NEEDED FOR NEW CONSTRUCTION. SALVAGE (REMOVE & REUSE) EXISTING DOORS, FRAMES AND HARDWARE. SPARE DOORS AND HARDWARE TO BE TURNED OVER TO OWNERS STOCK IF DESIRED.
- REFER TO MEP DRAWINGS FOR DEMOLITION SCOPE OF PLUMBING FIXTURES, ELECTRICAL AND HVAC ITEMS.
- EXISTING DUCTING TO BE ALTERED TO SUIT NEW LAYOUTS. (REFER TO MECHANICAL DRAWINGS)
- CO-ORDINATE FOR DISCONNECT AND RELOCATION OF EXISTING WALL MOUNTED FIRE/SECURITY/ELECTRICAL PANELS AS REQUIRED. (REFER TO ELECTRICAL DRAWINGS)
- ENSURE MINIMAL DISRUPTANCE TO ANY OCCUPIED SPACES ADJACENT TO AREAS WHERE DEMOLITION OCCURS.
- USE OF ANY SOLVENT STRIPPERS TO OCCUR AFTER HOURS FOLLOWING PROPER VENTILATION PROCEDURES.
- REPAIR AND MAKE NEW ALL EXISTING SURFACES AFFECTED BY DEMOLITION WORK. FINISHES TO MATCH ADJACENT SURFACES UNO.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND MECHANICAL DRAWING.

**GENERAL DRAWING LEGEND:**



**GENERAL PARTITION NOTES:**

- CONTRACTOR TO OBTAIN CUT PARTITION LAYOUT FOR DESIGNER'S APPROVAL PRIOR TO STUD INSTALLATION.
- CONTRACTOR TO ENSURE VARYING WALL THICKNESS COORDINATE WITH DOOR FRAME SIZES.
- ENSURE ALL TRADES (ELECTRICAL, MECHANICAL, COMMUNICATIONS ETC.) HAVE COMPLETED THEIR PORTION OF WORK BEFORE BOARDING UP BOTH SIDES OF PARTITION. ENSURE ALL INSPECTION REQUIRED BY BERMUUDA BUILDING CODE AND FIRE REGULATIONS HAVE OCCURRED.
- CONTRACTOR TO VERIFY CRITICAL ON SITE DIMENSIONS FOR SHOP DRAWINGS PRIOR TO IMPLEMENTING CONSTRUCTION OF MILLWORK.
- REPORT ANY DISCREPANCIES TO DESIGNER.
- ALL BRICK WALL EDGES ARE TO BE SMOOTH AND PLUMB LINE TRUE. PATCH, FILL AND MAKE GOOD ANY HOLES IN WALL WHERE EXISTING OUTLETS OR SERVICES MAY HAVE OCCURRED.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS FOR COORDINATION OF WORK TO BE EXECUTED.
- MAKE GOOD ALL EXISTING WALLS DAMAGED BY DEMOLITION WORK. ALL EXISTING WALLS TO BE MADE GOOD FOR PAINT FINISH. (PAINT BY OTHERS)
- PROVIDE SUFFICIENT BLOCKING IN ALL AREAS THAT REQUIRE SUPPORT OF WALL OR CEILING ADJACENT EQUIPMENT OR MATERIALS (EG. MILLWORK, SPECIALTY EQUIPMENT, COAT HOOKS, WINDOW SHADOWS), BLOCKING TO BE CONSEALED.
- PROVIDE NEW WOOD FLOOR BASE TO MATCH EXISTING ON ALL NEW PARTITION WALLS.
- CONTRACTOR TO REVIEW EXISTING CEILING SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. REPORT ANY INTERFERENCE WITH DUCTS, BEAMS, PREES ETC IMMEDIATELY TO DESIGNER.
- ALL MECHANICAL AND ELECTRICAL WORKS TO COMPLY WITH BERMUUDA CODE REQUIREMENTS AND ALL AUTHORITIES HAVING JURISDICTION. ANY CHANGES TO BE REVIEWED WITH DESIGNER.
- MECHANICAL CONTRACTOR RESPONSIBLE FOR ALL LABOUR AND MATERIALS TO COMPLETE THE NECESSARY HVAC ALTERATIONS.
- WHERE REQUIRED PROVIDE FIRE DAMPERS AT ALL DUCTS HEAVENING FIRE SEPARATION.
- ALL SWITCHES AND COVER PLATES TO MATCH EXISTING, MULTIPLE SWITCHES TO BE GANGED.
- ALL EXISTING, NEW AND RELOCATED ELECTRICAL CIRCUITS TO BE DISCONNECTED TO BE BUILT UP AND BURNED OFF SYSTEM.
- PROTECT EXISTING CEILING SYSTEM AND LIGHT FIXTURE DURING CONSTRUCTION. CLEAN ALL NONTREATED MECHANICAL AND ELECTRICAL SUB CONTRACTORS TO REPLACE ANY DAMAGED TILES WITH NEW TILES AND RELOCATE EXISTING TILES IN AREAS AFFECTED BY THEIR WORK.
- REUSE EXISTING LIGHT SWITCHES WHERE FEASIBLE AND NECESSARY. LIGHT SWITCHES ARE PROVIDED IN OPEN OFFICE AREAS, PROVIDE DOWNLIGHTS AND WALL SCONES.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND MECHANICAL DRAWING.

**GENERAL RCP NOTES:**

- CONTRACTOR TO REVIEW EXISTING CEILING SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. REPORT ANY INTERFERENCE WITH DUCTS, BEAMS, PREES ETC IMMEDIATELY TO DESIGNER.
- ALL MECHANICAL AND ELECTRICAL WORKS TO COMPLY WITH BERMUUDA CODE REQUIREMENTS AND ALL AUTHORITIES HAVING JURISDICTION. ANY CHANGES TO BE REVIEWED WITH DESIGNER.
- MECHANICAL CONTRACTOR RESPONSIBLE FOR ALL LABOUR AND MATERIALS TO COMPLETE THE NECESSARY HVAC ALTERATIONS.
- WHERE REQUIRED PROVIDE FIRE DAMPERS AT ALL DUCTS HEAVENING FIRE SEPARATION.
- ALL SWITCHES AND COVER PLATES TO MATCH EXISTING, MULTIPLE SWITCHES TO BE GANGED.
- ALL EXISTING, NEW AND RELOCATED ELECTRICAL CIRCUITS TO BE DISCONNECTED TO BE BUILT UP AND BURNED OFF SYSTEM.
- PROTECT EXISTING CEILING SYSTEM AND LIGHT FIXTURE DURING CONSTRUCTION. CLEAN ALL NONTREATED MECHANICAL AND ELECTRICAL SUB CONTRACTORS TO REPLACE ANY DAMAGED TILES WITH NEW TILES AND RELOCATE EXISTING TILES IN AREAS AFFECTED BY THEIR WORK.
- REUSE EXISTING LIGHT SWITCHES WHERE FEASIBLE AND NECESSARY. LIGHT SWITCHES ARE PROVIDED IN OPEN OFFICE AREAS, PROVIDE DOWNLIGHTS AND WALL SCONES.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND MECHANICAL DRAWING.
- ALL NEW DRYWALL CEILINGS TO BE 1/2" THICK UFG DRYWALL FIXED TO GALVANIZED STEEL FRAMING, TYPE FILL AND SAND RENDIT FOR PAINT FINISH.
- ANY PROPOSED CHANGES AND/OR MODIFICATIONS DUE TO FIELD CONDITIONS MUST RECEIVE APPROVAL FROM DESIGNER AND MEP CONSULTANTS.
- MECHANICAL SUBCONTRACTOR TO ARRANGE FOR AN INSPECTION AND BALANCING REPORT AFTER PROJECT COMPLETION. UPON COMPLETION, THE HVAC SYSTEM IS TO BE FULLY BALANCED TO THE SATISFACTION OF THE OWNER.
- ELECTRICAL CONTRACTOR TO SUBMIT CUT SHEETS ON ALL FIXTURES FOR DESIGNER/ARCHITECT REVIEW.
- ALL SWITCHES ON PARTITIONS TO BE MOUNTED VERTICALLY UP FROM DOOR FRAME OR AS NOTED ON DRAWING.
- DIMENSIONS ARE FROM THE FACE OF THE WALL TO CENTERS OF THE FIXTURE (LOAN). RECESSED DEVICES ARE TO BE INSTALLED IN CENTER OF DEPTH UNLESS OTHERWISE NOTED OTHERWISE.
- ALL FIRE DETECTORS AND DIFFUSERS MUST NOT BE WITHIN 3'-0" ON CENTRE OF EACH OTHER CONTRACTOR TO COORDINATE WHERE ALARM TECHNICIAN.

**MINISTRY OF PUBLIC WORKS**

ARCHITECT'S SECTION

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NORTH

ISSUE / REVISION	Date
No.	

*Issued For Building Approval*    May 12 2025

SCALE: *AS NOTED*

SURVEY  
Prepared By: *SCOTT BRYDEN*    Date: *20/11/2024*

DESIGN  
Prepared By: *SS*    Date: *14/04/2025*  
Checked By: *SS*    Date: *--*

Approved By: *SS*    Date: *14/04/2025*

Project Number: *08/00/08*

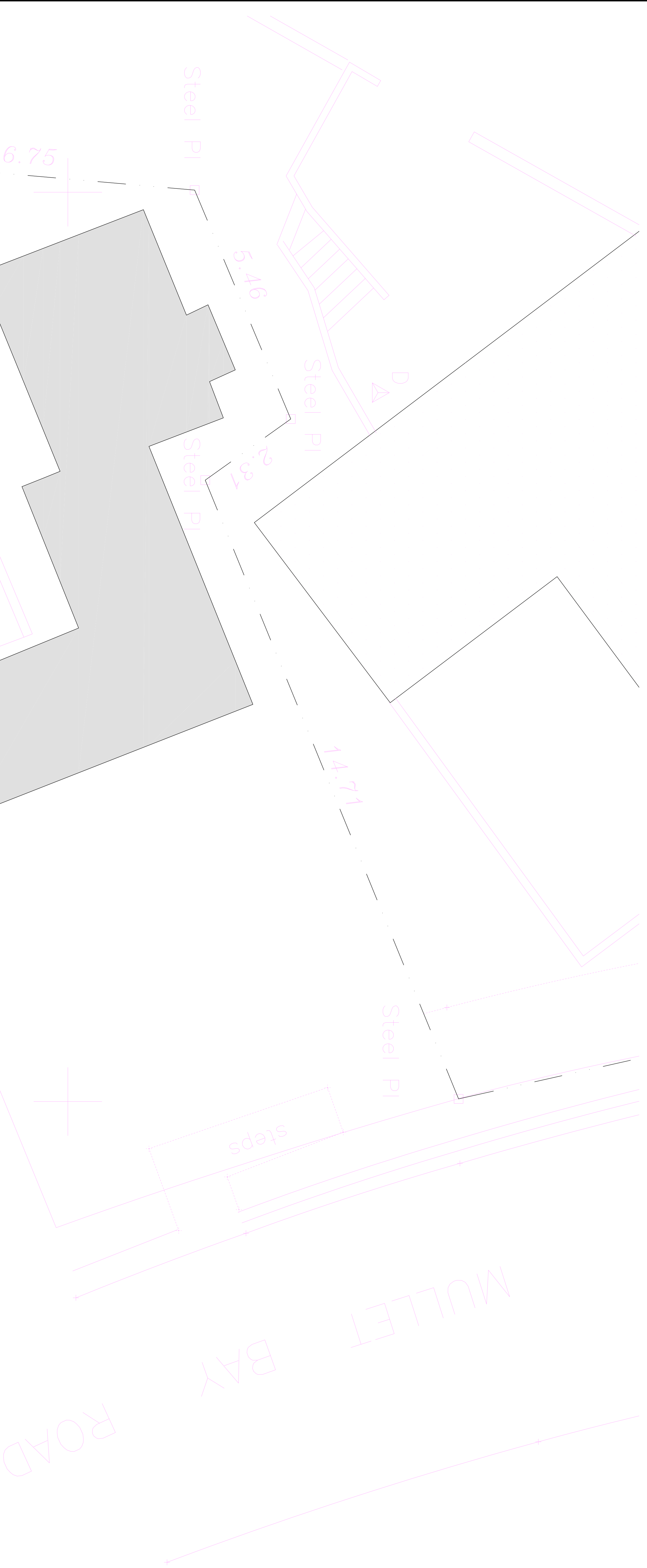
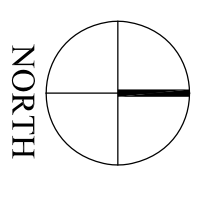
Project Title: **SWING BRIDGE COTTAGE**

FORWARD REFERENCE: DEMOLITION/CONSTRUCTION BRIDGE  
BY: *17/05/2025*  
REF: *08/00/08/03*

**MINISTRY OF  
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waters of  
Ferry Reach

1 SITE PLAN  
A3 SCALE 1/4" = 1'-0"

ISSUE / REVISION

No.	Date
1	Issued For Building Approval May 12 2025

SCALE: AS NOTED

SURVEY

Prepared By: SUMNER STUDENT Date: JULY 2024

DESIGN  
Prepared By: SS Date: APRIL 2025

Checked By: Date: ..

DRAWING

Prepared By: SS Date: APRIL 2025

Checked By: Date: ..

Approved By: ..

Project Number: 00/00/00

Project Title: SWING BRIDGE COTTAGE

FORBES REFERENCE EDUCATION CONSULTING BRIDGE  
47 WILLETTS AVE. #2000  
SCARBOROUGH, ONTARIO

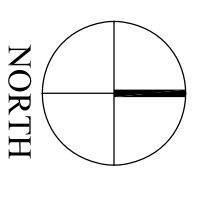
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Revisions: Sheet Number: A3

**MINISTRY OF  
PUBLIC WORKS**

**ARCHITECT'S SECTION**

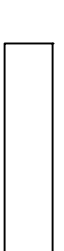


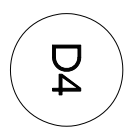

P.O. Box 101, 537 Hamilton HMCK, Bermuda  
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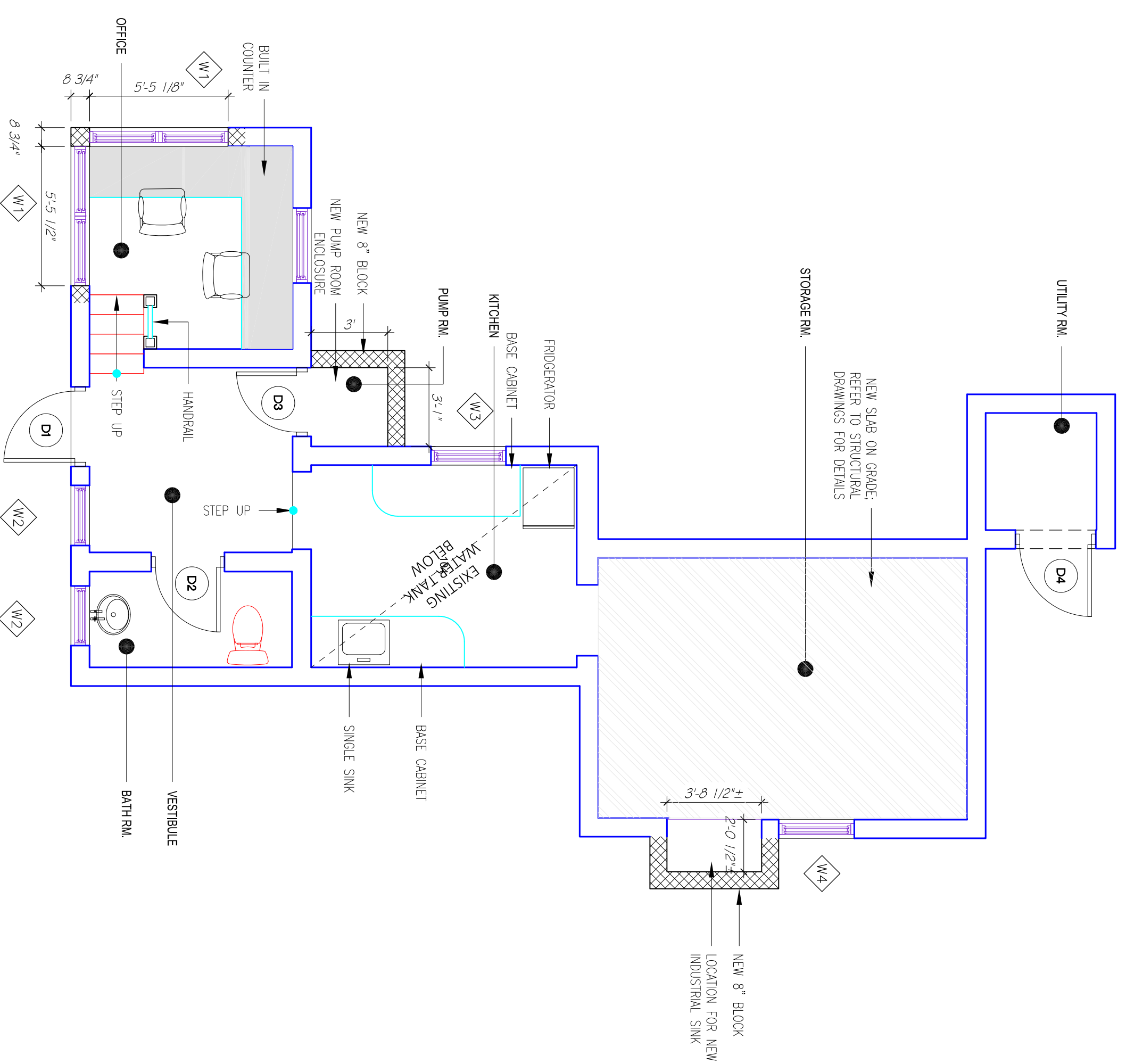


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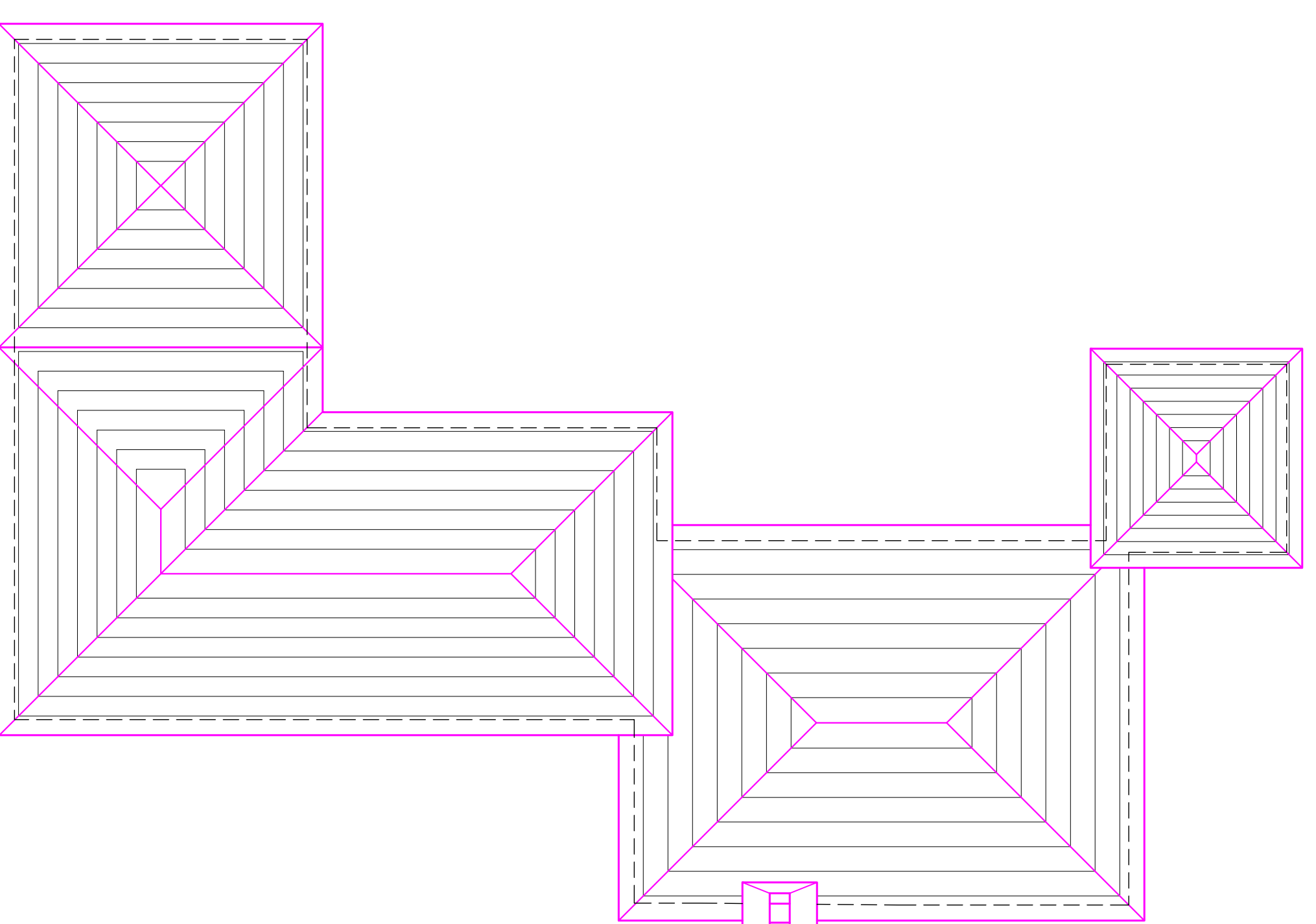
1. NEW DRYWALL CEILING THROUGH WITH ACCESS HATCHES IN STRATEGIC LOCATIONS

**DRAWING SHEET LEGEND:**

-  EXISTING BASE BUILDING
-  DEMOLITION/REMOVAL
-  NEW MASONRY WALL
-  DENOTES: DOOR SYMBOL
-  DENOTES: WINDOW SYMBOL



**1 PROPOSED FLOOR PLAN**  
A4 SCALE 1/4" = 1'-0"



**2 EXISTING ROOF PLAN**  
A4 SCALE 1/4" = 1'-0"

ISSUE / REVISION	No.	Date

*1 Issued For Building Approval May 12 2025*

SCALE: AS NOTED

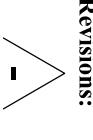
**SURVEY**  
Prepared By: **SCOTT SHUBERT** Date: **20/11/2024**  
DESIGN  
Prepared By: **SS** Date: **APRIL 2025**  
Checked By: **SS** Date:

**DRAWING**  
Prepared By: **SS** Date: **APRIL 2025**  
Checked By:  Date:

Approved By:   
Project Number: **00/00/00**  
Project Title: **SWING BRIDGE COTTAGE**

FORNZA REFERENCE EDUCATION CONSULTING BUILDING ARCHITECTS  
57 EDWARDS ROAD  
ST. GEORGES

Sheet Title: **FLOOR PLAN & ROOF PLAN**

Revisions:  Sheet Number: **A3**



GENERAL

- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ANY OTHER WRITTEN INSTRUCTIONS ISSUED.
- WHERE APPROVAL IS REQUIRED, THIS SHALL BE OF THE SUPERINTENDENT OR HIS REPRESENTATIVE.
- ANY AMBIGUITY OR DISCREPANCY SHALL BE REFERRED FOR CLARIFICATION BEFORE WORK PROCEEDS.
- DIMENSIONS ARE IN PRESENTED MILLIMETERS WITH EQUIVALENT FOOT/INCH VALUE SHOWN IN BRACKETS.  
EXAMPLE: 1000mm [3'-3 3/8"]
- REFER TO THE DRAWING DIMENSIONS FOR SETTING OUT THE WORKS. HOWEVER, ALL EXISTING DIMENSIONS AND LEVELS ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR ON SITE.
- UNLESS NOTED OTHERWISE, ALL LEVELS ARE IN METRES [m]
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STABILITY OF THE STRUCTURE UNTIL ITS COMPLETION AND SHALL ENSURE THAT NO PART OF THE STRUCTURE IS OVERSTRESSED DURING THE WORKS.
- WHERE STANDARDS ARE REFERRED TO, THEY SHALL BE THE LATEST EDITION.
- PROPRIETARY ITEMS, PROPOSED BY THE CONTRACTOR, ARE TO BE REVIEWED AND APPROVED BY THE DESIGNING ENGINEER PRIOR TO USE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING WORK AREAS.
- ALL DEMOLITION SHALL BE IN AN ACCEPTABLE MANNER UNDER THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS 2009. ALL SURPLUS MATERIAL SHALL BE DISPOSED OF OFF SITE IN A LEGAL MANNER.

CONCRETE

- CONCRETE SHALL COMPLY WITH THE FOLLOWING SPECIFICATION:
  - MINIMUM CONCRETE STRENGTH AT SERVICE  $F'c = 25 \text{ MPa}$  [3600PSI]
  - MINIMUM CEMENT CONTENT =  $440 \text{ Kg/m}^3$  [28 lb/ft<sup>3</sup>]
  - MAXIMUM WATER/CEMENT RATIO = 0.5
- CONCRETE MIX DESIGNS TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- NO ADDITIVES TO BE USED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
- CAST IN ITEMS WITH LESS THAN 25mm [1"] COVER TO ATMOSPHERE SHALL BE HOT DIPPED GALVANISED IN ACCORDANCE WITH ASTM A153.
- ALL FORMWORK, SHORING AND RESHORING SHALL BE THE RESPONSIBILITY OF AND DESIGNED BY THE CONTRACTOR
- CONCRETE SHALL BE TESTED FOR SLUMP ON SITE. THE TEST CYLINDERS SHALL BE TAKEN FOR 3, 7 AND 28 DAY STRENGTHS.
- CONCRETE STRENGTH AND SLUMP TO BE AS FOLLOWS

MIN. SPECIFIED 28 DAY STRENGTH	SLUMP
25 MPa [3600PSI]	75mm ± 25mm [3" ± 1"]

DESIGN

- THE PROPOSED DESIGN WITHIN THESE DRAWINGS MEETS THE BERMUDA RESIDENTIAL BUILDING CODE 2014

EXCAVATION AND EARTHWORKS

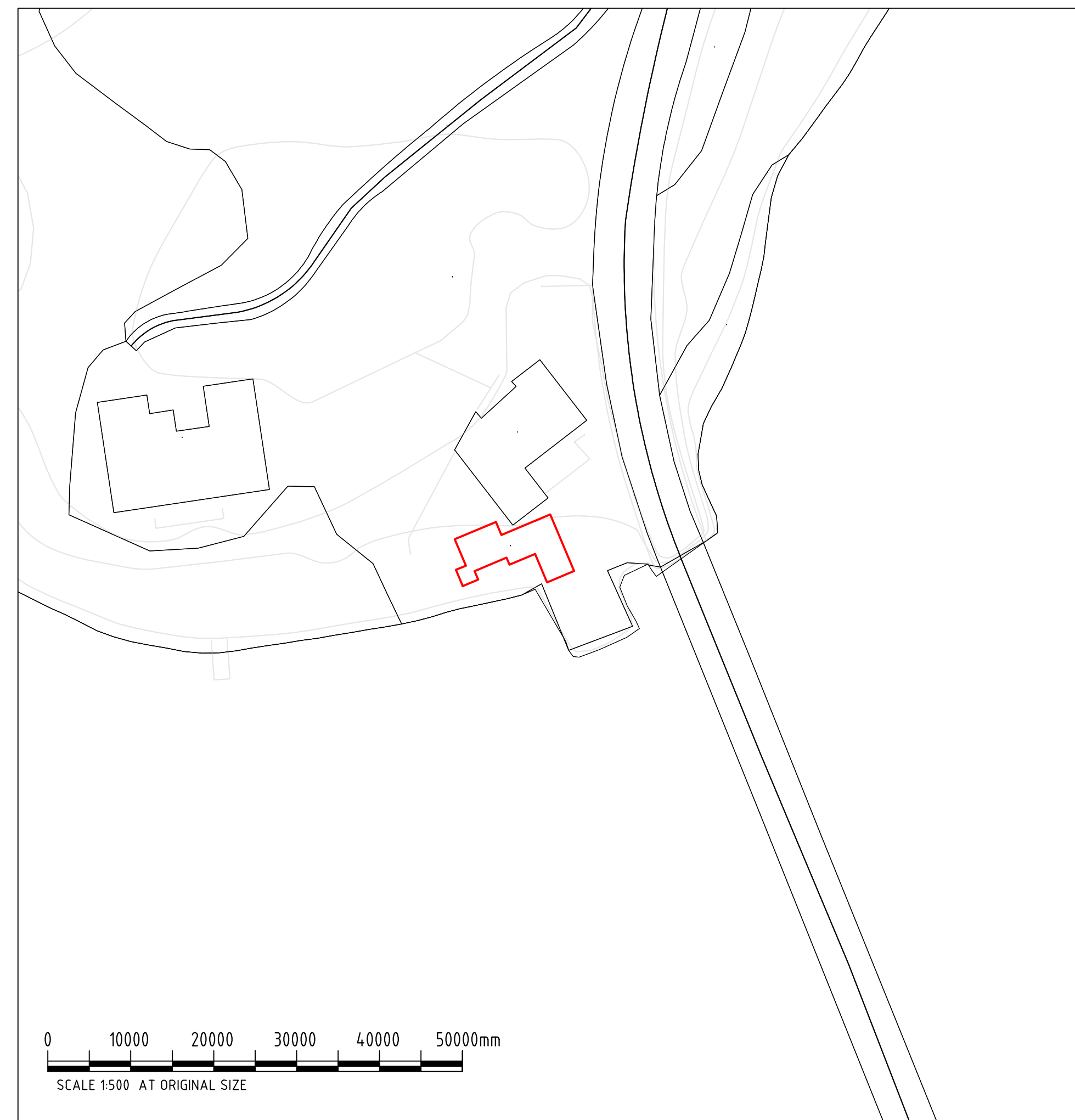
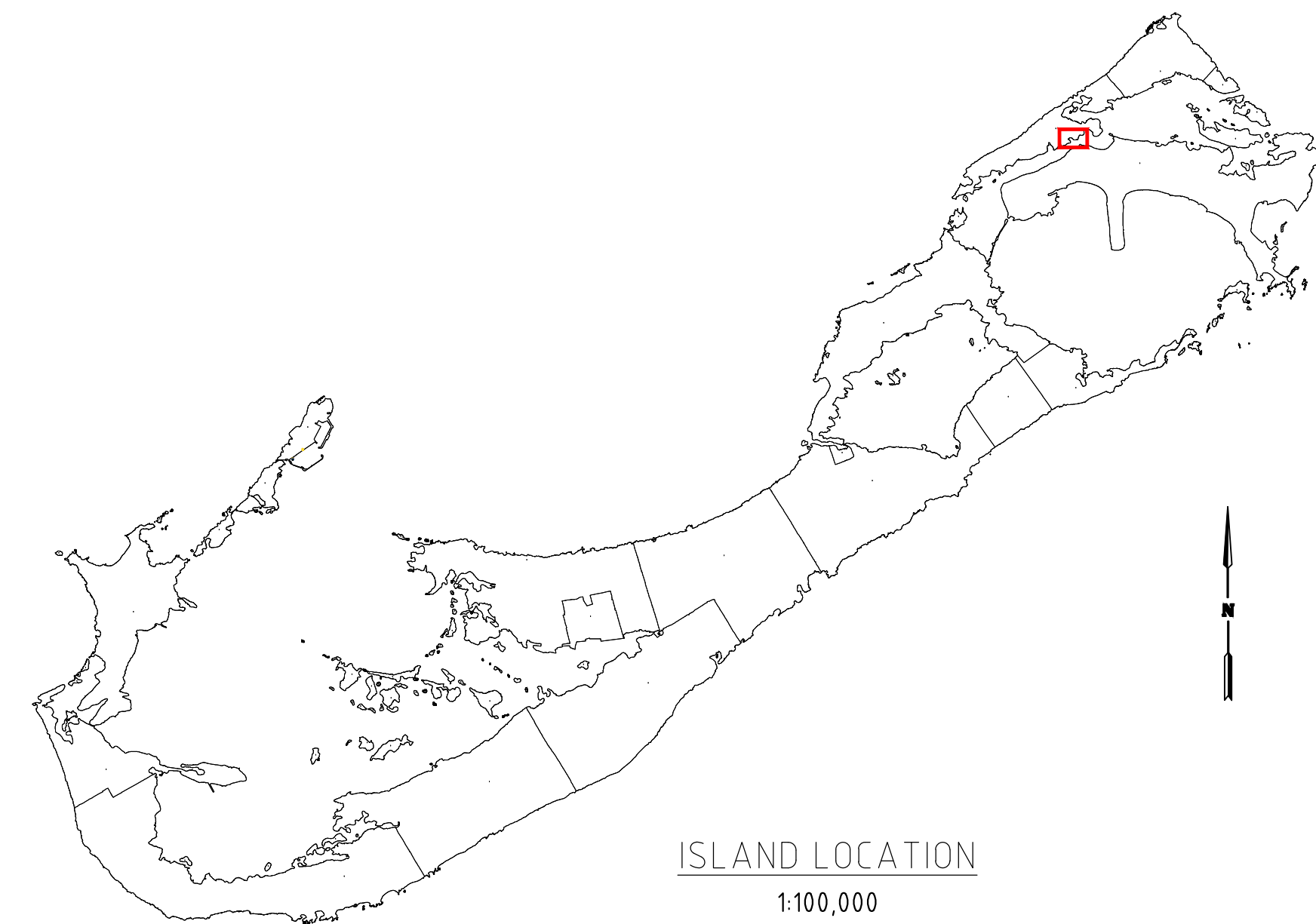
- FOUNDATIONS ARE TO BEAR ON UNDISTURBED AND SOUND GROUND/ROCK. BEARING MATERIAL IS TO REMAIN UNDISTURBED AND BE REVIEWED BY THE ENGINEER PRIOR TO POURING FOOTING.
- ALL SHORING, SHEETING AND DE-WATERING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT ALL EXISTING AND SURROUNDING INFRASTRUCTURE
- ANY SOFT AREAS IN BEARING MATERIAL ARE TO BE REMOVED AND FILLED WITH MASS CONCRETE OF MINIMUM STRENGTH 25 MPa.
- IF UNEXPECTED MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS ARE ENCOUNTERED, THE CONTRACTOR SHALL SUBMIT DETAILS OF SUCH TO THE ENGINEER.
- ALL ROADS AND PUBLIC / PRIVATE ACCESSSES ARE TO REMAIN OPEN THROUGHOUT THE ENTIRE LENGTH OF CONSTRUCTION WORKS.

REINFORCEMENT

- WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS. IF SHOWN/PERMITTED, WELDS SHALL DEVELOP THE FULL STRENGTH OF THE REINFORCING ELEMENT.
- ALL REINFORCING STEEL TO HAVE A MINIMUM YIELD STRENGTH OF 410 MPa AND SHALL BE TYPE 2 DEFORMED BARS
- ALL REINFORCING STEEL SHALL BE CLASS II GALVANISED IN ACCORDANCE WITH ASTM A767. TIE WIRE SHALL ALSO BE GALVANISED.
- REINFORCEMENT SPACING NOT SHOWN SHALL BE TAKEN AS EQUAL.
- REINFORCING CHAIRS ARE TO BE CONCRETE AND AS SMALL AS PRACTICABLE. PROPRIETARY PLASTIC COVER SUPPORTS MAY BE USED WITH THE APPROVAL OF THE ENGINEER.
- REINFORCING BARS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC ONLY.
- BARS SHOWN MAY REPRESENT MORE THAN ONE LENGTH AND/OR PROFILE.
- BARS MAY NOT BE SHOWN IN TRUE POSITION FOR CLARITY. ALL HOOKS, BENDS AND COGS ARE STANDARD AND SHALL BE IN ACCORDANCE WITH ACI 318 UNLESS NOTED OTHERWISE.
- LAP SPLICES TO ALTERNATE AND NO MORE THAN 50% OF SPLICES SHALL BE IN ANY ONE SECTION.
- BARS SHALL NOT BE CUT NOR BENT ON SITE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.
- BARS SHALL BE BENT COLD BY MACHINE OR OTHER APPROVED MEANS PRODUCING A GRADUAL AND EVEN MOTION. BARS INCORRECTLY BENT SHALL NOT BE RE-BENT AND INCORPORATED IN THE WORKS AND NO REINFORCEMENT SHALL BE BENT WHEN IN POSITION IN THE WORKS, WHETHER OR NOT IT IS PARTIALLY EMBEDDED IN HARDENED CONCRETE.
- CONTRACTOR TO PROVIDE 24 HOURS NOTICE FOR THE INSPECTION OF ALL REINFORCING PRIOR TO POURING CONCRETE.
- LAP LENGTHS SHALL BE AS TABULATED (SHOWN BELOW) UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

MINIMUM ALLOWABLE LAP LENGTHS	
BAR DIAMETER	MIN LAP LENGTH
T10	460mm [18"]
T12	600mm [24"]
T16	760mm [30"]
T20	900mm [36"]
T25	1500mm [60"]

ALTERNATIVE BAR SIZES		
METRIC BAR SIZE (mm)	IMPERIAL EQUIVALENT (")	FORMER IMPERIAL DESIGNATION
T10	3/8"	#3
T12	1/2"	#4
T16	5/8"	#5
T20	3/4"	#6
T25	1"	#8



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AMENDMENTS:			
NO	REVISION	BY	APP/ DATE
-	-	-	-

SCALE: .

SURVEY  
PREPARED BY: . DATE: .

DESIGN  
PREPARED BY: C FRASER DATE: 14/04/25  
CHECKED BY: . DATE: .

DRAWING  
PREPARED BY: C FRASER DATE: 14/04/25  
CHECKED BY: . DATE: .

APPROVED BY: . DATE: .

PROJECT NUMBER: .

PROJECT NAME:

**SWING BRIDGE  
OPERATOR'S HUT**

MULLET BAY ROAD  
HAMILTON

SHEET TITLE:  
**NOTES AND  
SPECIFICATIONS**

SHEET NUMBER: **S000** | REVISION: **A**

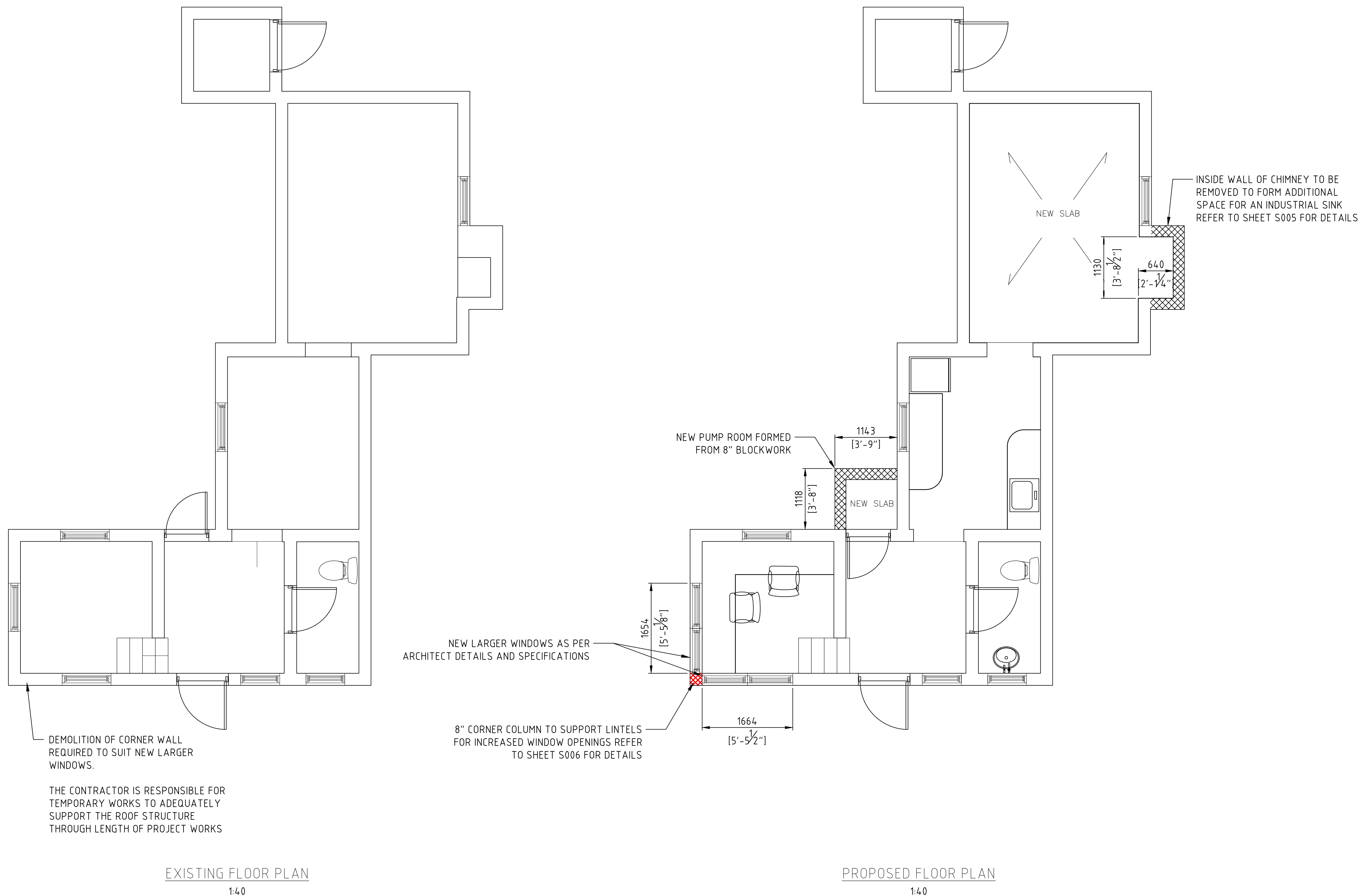


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PROJECT NUMBER:

PROJECT NAME:

**SWING BRIDGE  
OPERATOR'S HUT**

MULLET BAY ROAD  
HAMILTON

SHEET TITLE:

**GENERAL ARRANGEMENT  
FLOOR PLAN**

SHEET NUMBER:

S001

REVISION

A

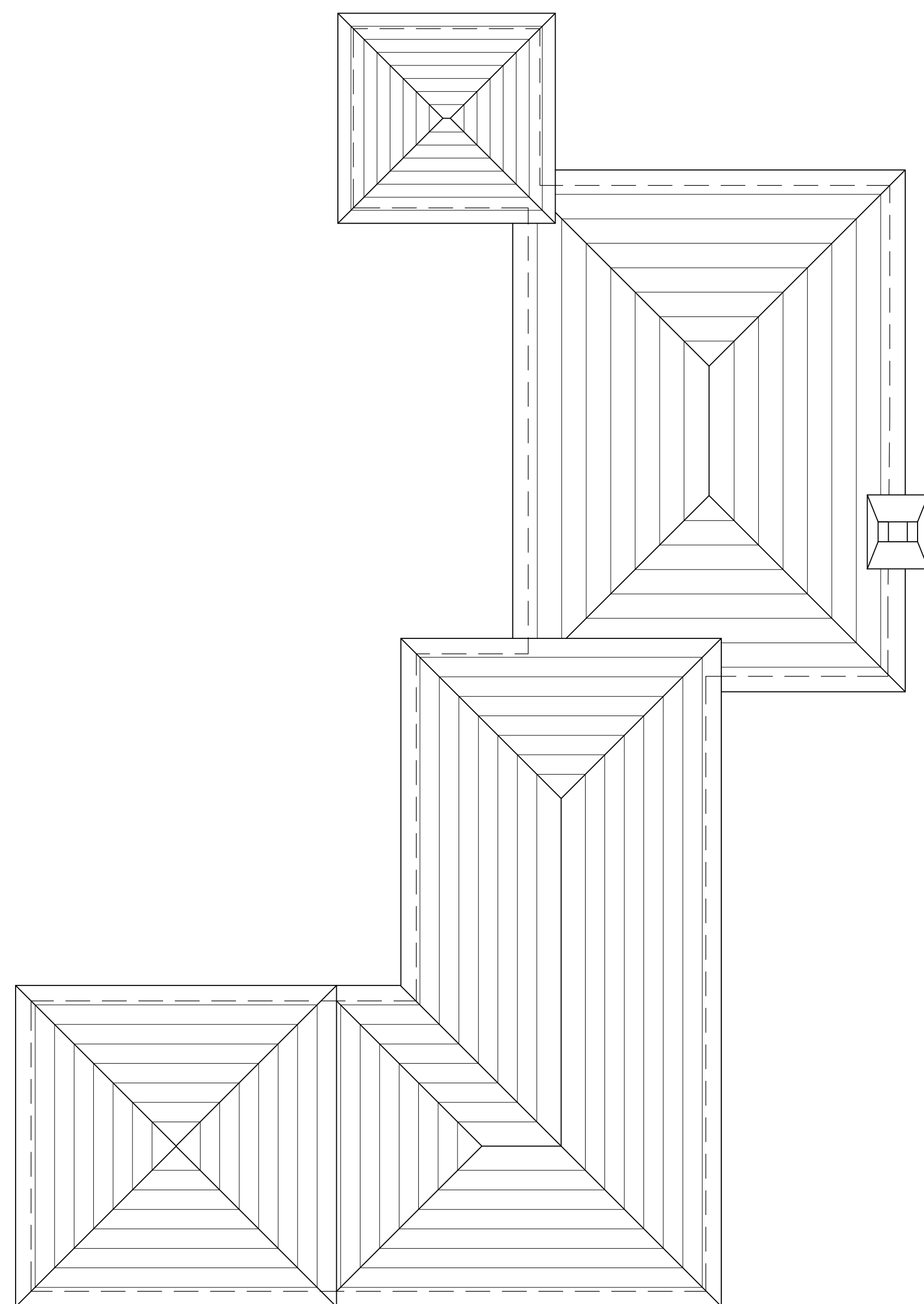


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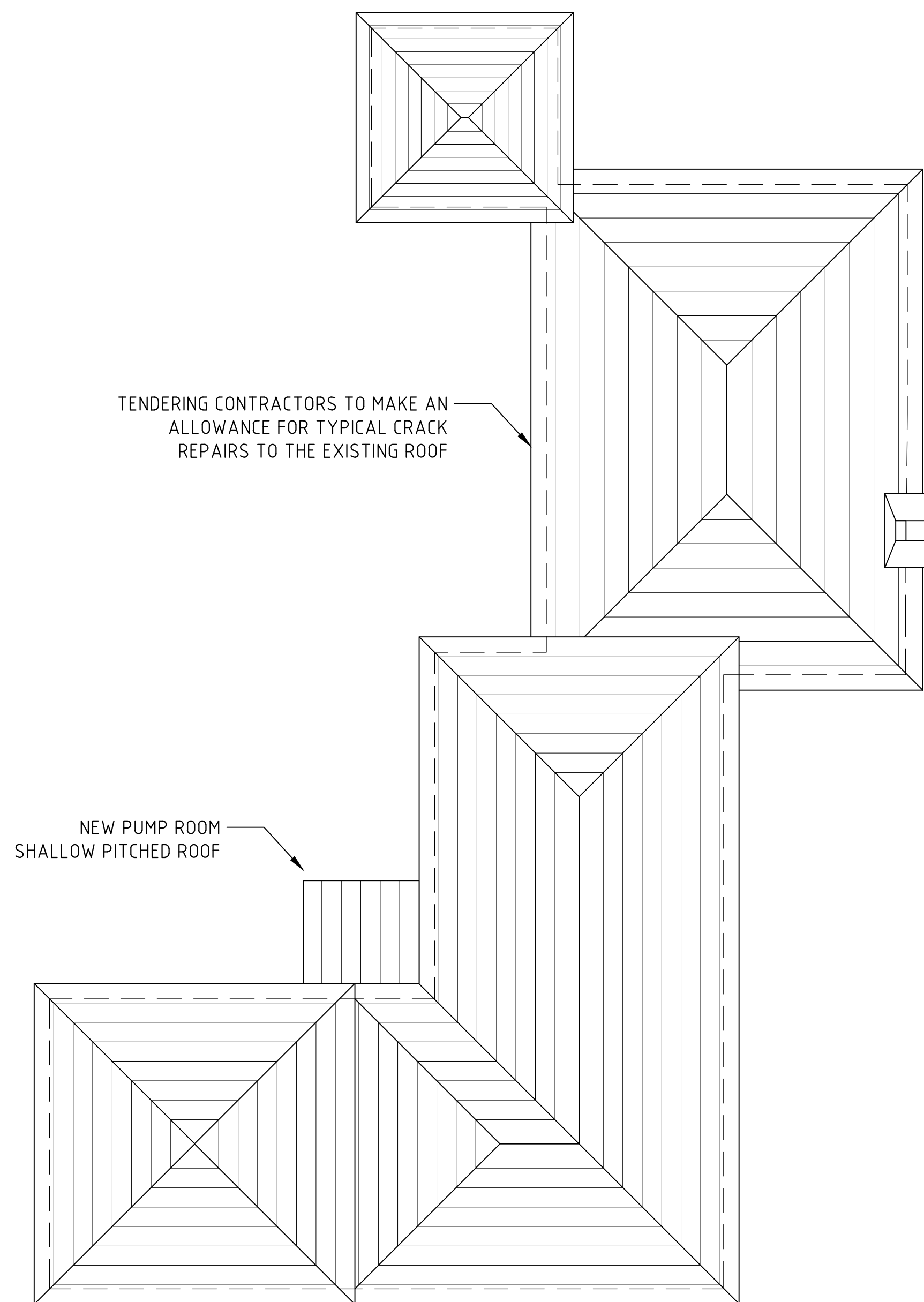
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EXISTING ROOF PLAN  
1:40



PROPOSED ROOF PLAN  
1:40

ISSUED FOR: TENDER

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-	-	-	-	-

SCALE: .

SURVEY

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DESIGN

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CHECKED BY: . DATE: .

DRAWING

PREPARED BY: C FRASER DATE: 14/04/25

CHECKED BY: . DATE: .

APPROVED BY: . DATE: .

PROJECT NUMBER: .

PROJECT NAME:

**SWING BRIDGE  
OPERATOR'S HUT**

**MULLET BAY ROAD  
HAMILTON**

SHEET TITLE:  
**GENERAL ARRANGEMENT  
ROOF PLAN**

SHEET NUMBER:

**S002**

REVISION

**A**



ISSUED FOR: TENDER

AMENDMENTS:

NO	REVISION	BY	APP	DATE
-	-	-	-	-

SCALE: .

SURVEY  
PREPARED BY: . DATE: .

DESIGN  
PREPARED BY: C FRASER DATE: 14/04/25  
CHECKED BY: . DATE: .

DRAWING  
PREPARED BY: C FRASER DATE: 14/04/25  
CHECKED BY: . DATE: .

APPROVED BY: . DATE: .

PROJECT NUMBER: .

PROJECT NAME:  
**SWING BRIDGE  
OPERATOR'S HUT**

**MULLET BAY ROAD  
HAMILTON**

SHEET TITLE:  
**NEW SLAB &  
FOUNDATION DETAILS**

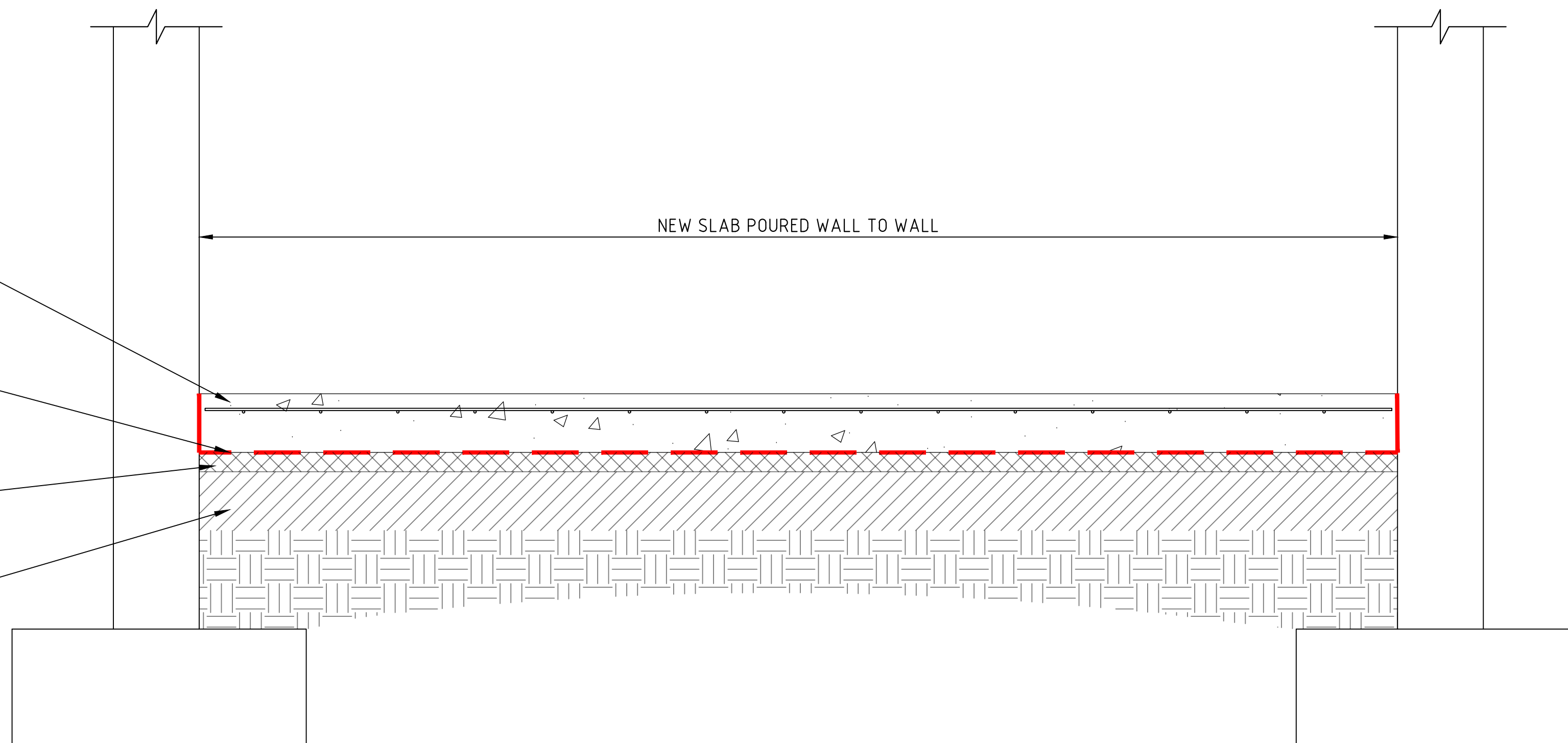
SHEET NUMBER: **S003** | REVISION: **A**

NEW 6" SLAB ON GRADE  
A142 MESH PLACED 1 1/2" FROM TOP OF SLAB.  
NO SAW CUTS OR JOINTS REQUIRED

VAPOUR BARRIER UNDER SLAB.  
POLYTHENE SHEET OF MINIMUM 6 MIL  
(6/1000TH OF AN INCH) THICKNESS.  
LAPPED NOT LESS THAN 18"

2" THICK LAYER OF WELL COMPACTED  
SAND BETWEEN VAPOUR BARRIER AND  
GRANULAR FILL

MINIMUM LAYER OF WELL COMPACTED  
6" GRANULAR FILL MATERIAL.  
THE EXISTING SOIL CAN BE USED IF  
DEEMED SUITABLE. ALL IN-ORGANIC  
MATERIAL TO BE REMOVED



SECTION A-A  
VIEW THROUGH NEW SLAB  
1:10

PLASTER FINISH ALL AROUND  
NEW MASONRY WALLS.  
1/2" THICK

PLASTER TO BE PAINTED  
WITH A MINIMUM OF 2 COATS.  
COLOUR TO MATCH EXISTING

REFER TO SHEET S004 FOR  
DETAILS OF NEW PUMP ROOM ROOF

940  
[3'-1"]

SAME SLAB DETAILS AS SECTION A-A

NEW STRIP FOOTING FOR  
MASONRY WALL  
20" WIDE X 12" DEEP

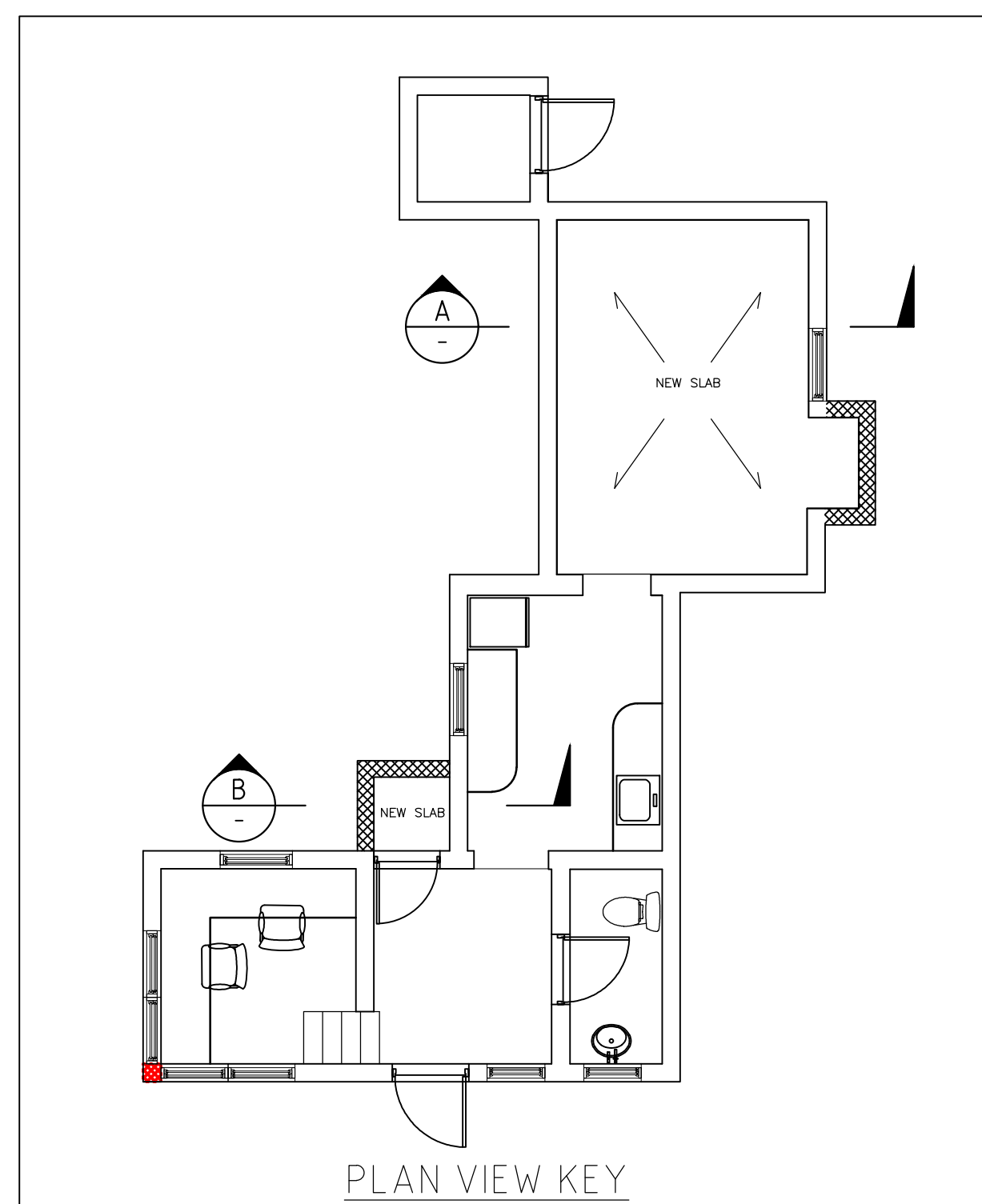
NEW FOUNDATION TO BE BUILT FROM  
SAME LEVEL AS EXISTING FOOTINGS

2" OF WELL COMPACTED SAND TO LEVEL OVER  
SOUND BEARING STRATUM.  
IF ORGANIC MATERIAL, SOIL OR FILL IS  
ENCOUNTERED, CONSULT WITH DESIGNING ENGINEER

76 [3"]  
76 [3"]  
2T16 LONGITUDINAL  
BARS IN STRIP FOOTING.  
LAP LENGTHS AS PER  
TABLE ON SHEET S000

DIMENSIONS OF EXISTING  
FOUNDATIONS ARE  
UNKNOWN.  
SHOWN ILLUSTRATIVELY

SECTION B-B  
VIEW THROUGH NEW PUMP ROOM  
1:10



PLAN VIEW KEY

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-	-	-	-	-

SCALE: .

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DRAWING

PREPARED BY: C FRASER DATE: 14/04/25

CHECKED BY: DATE:

APPROVED BY: DATE:

PROJECT NUMBER:

PROJECT NAME:

SWING BRIDGE  
OPERATOR'S HUT

MULLET BAY ROAD  
HAMILTON

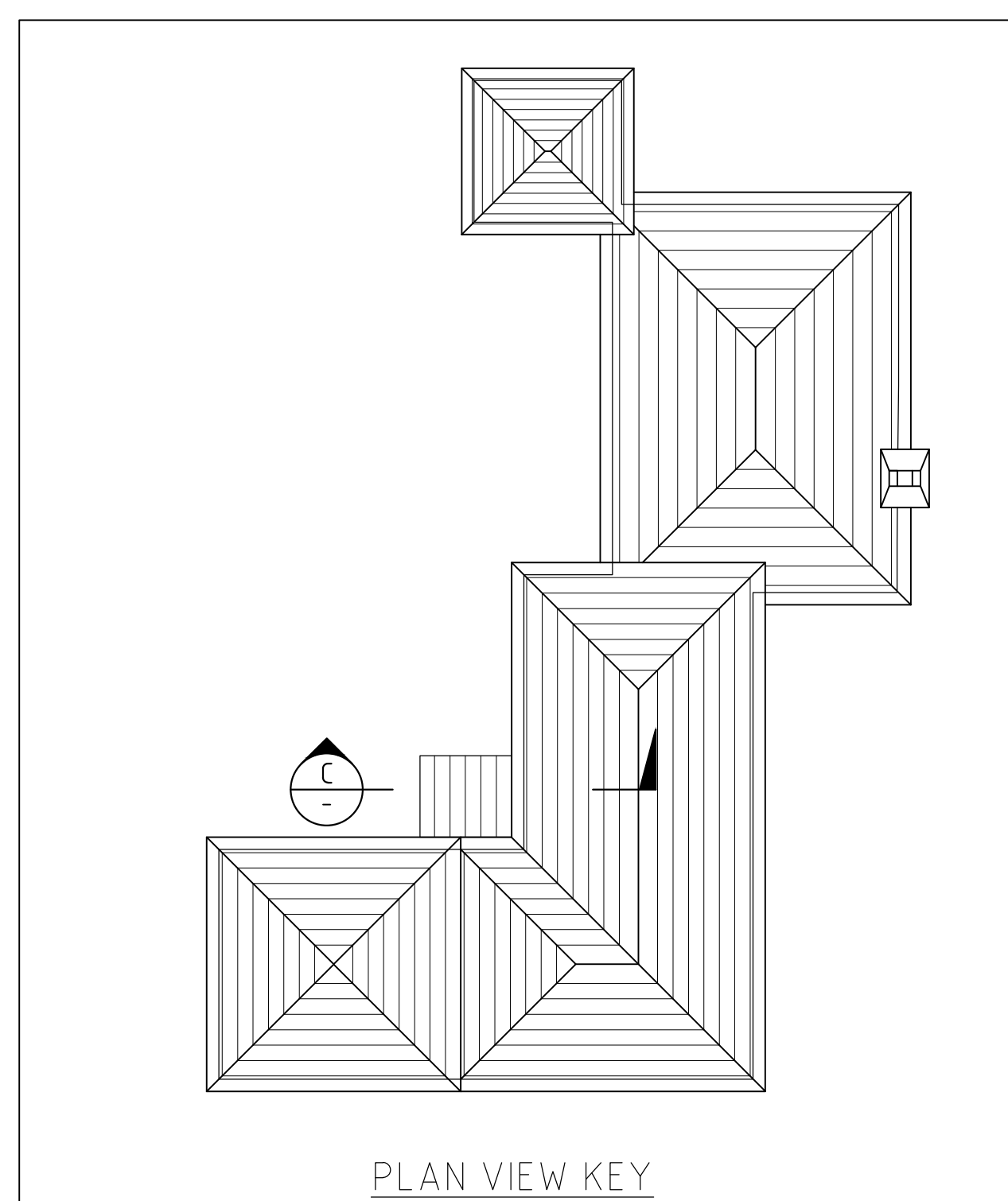
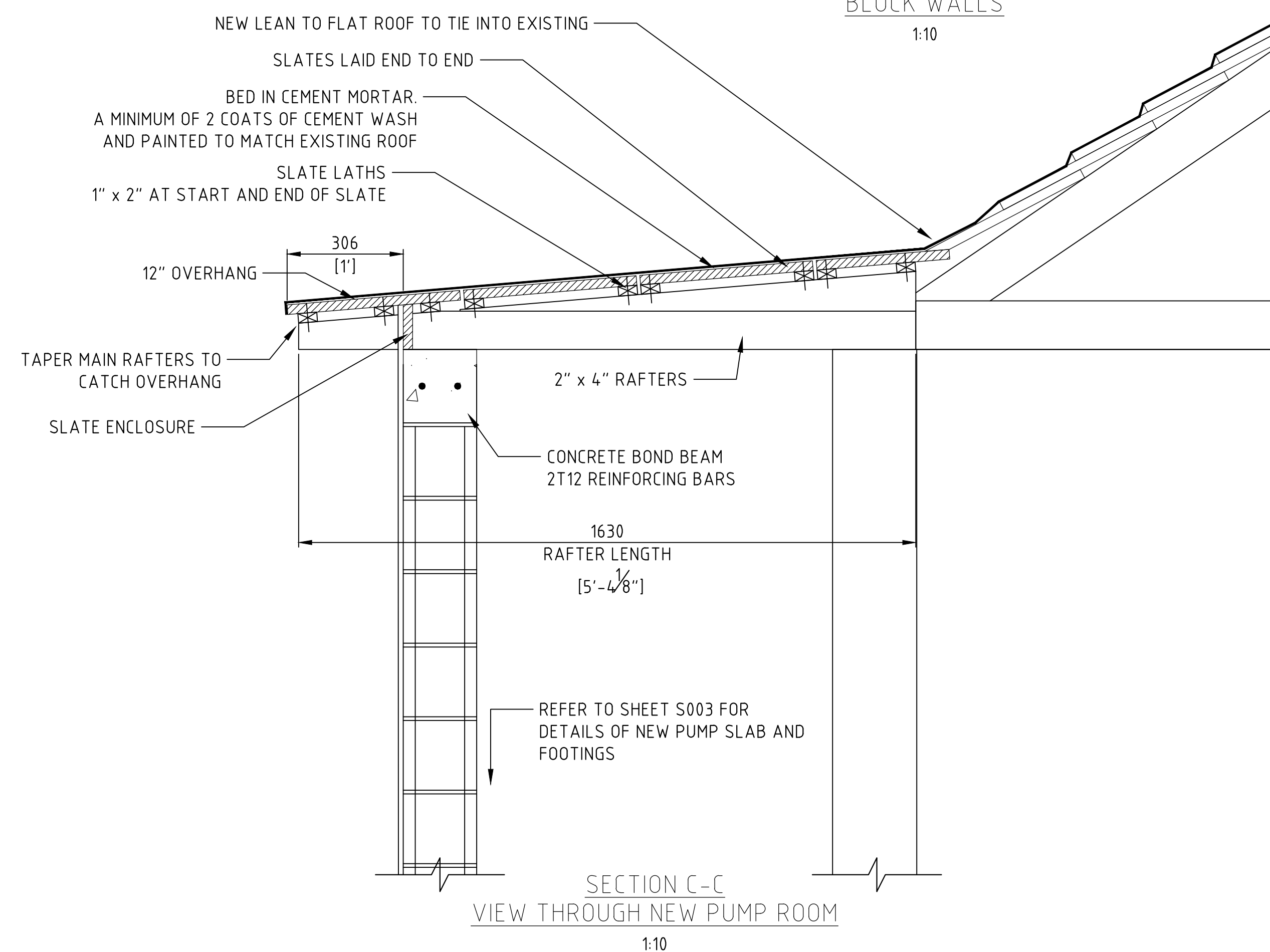
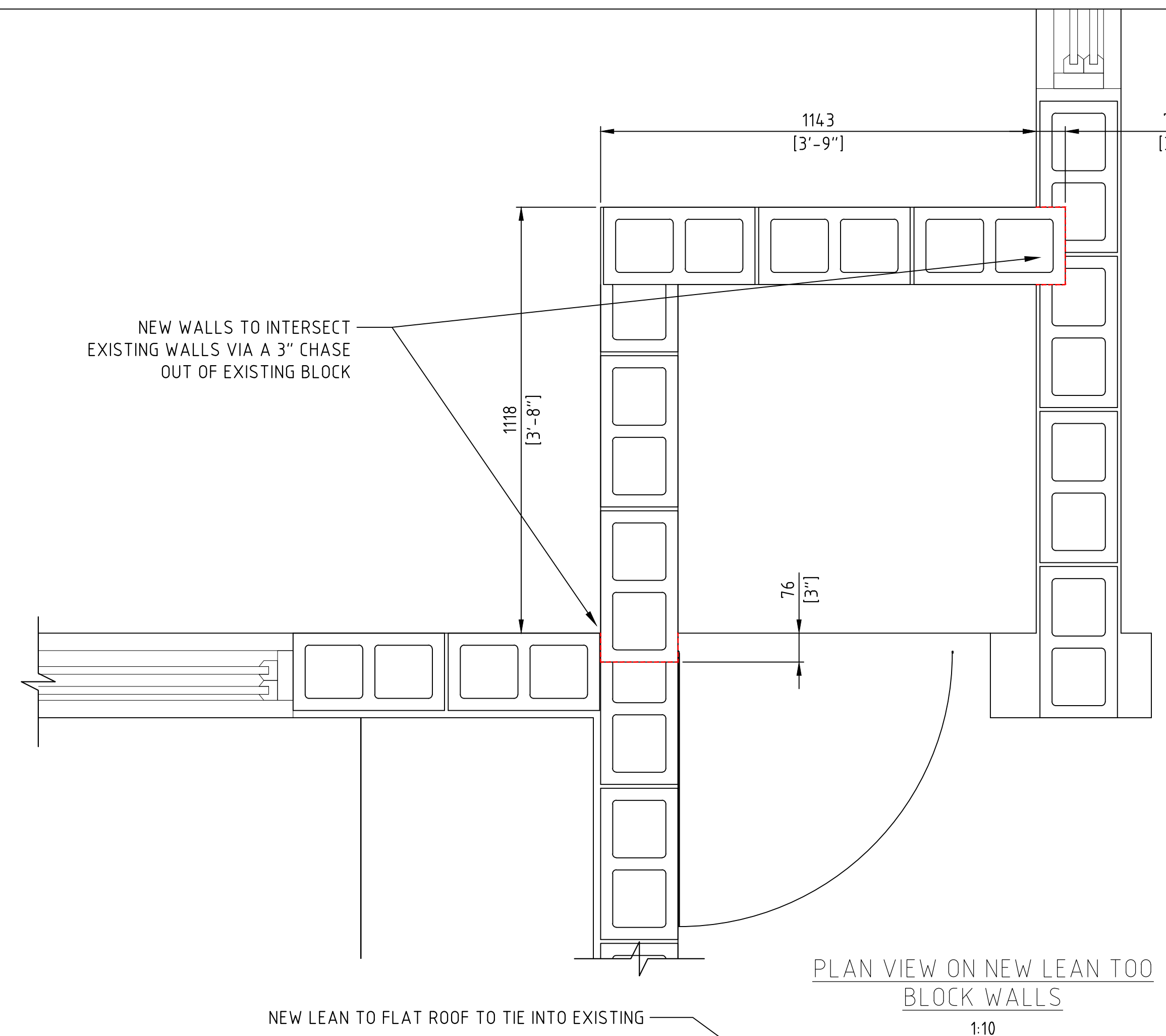
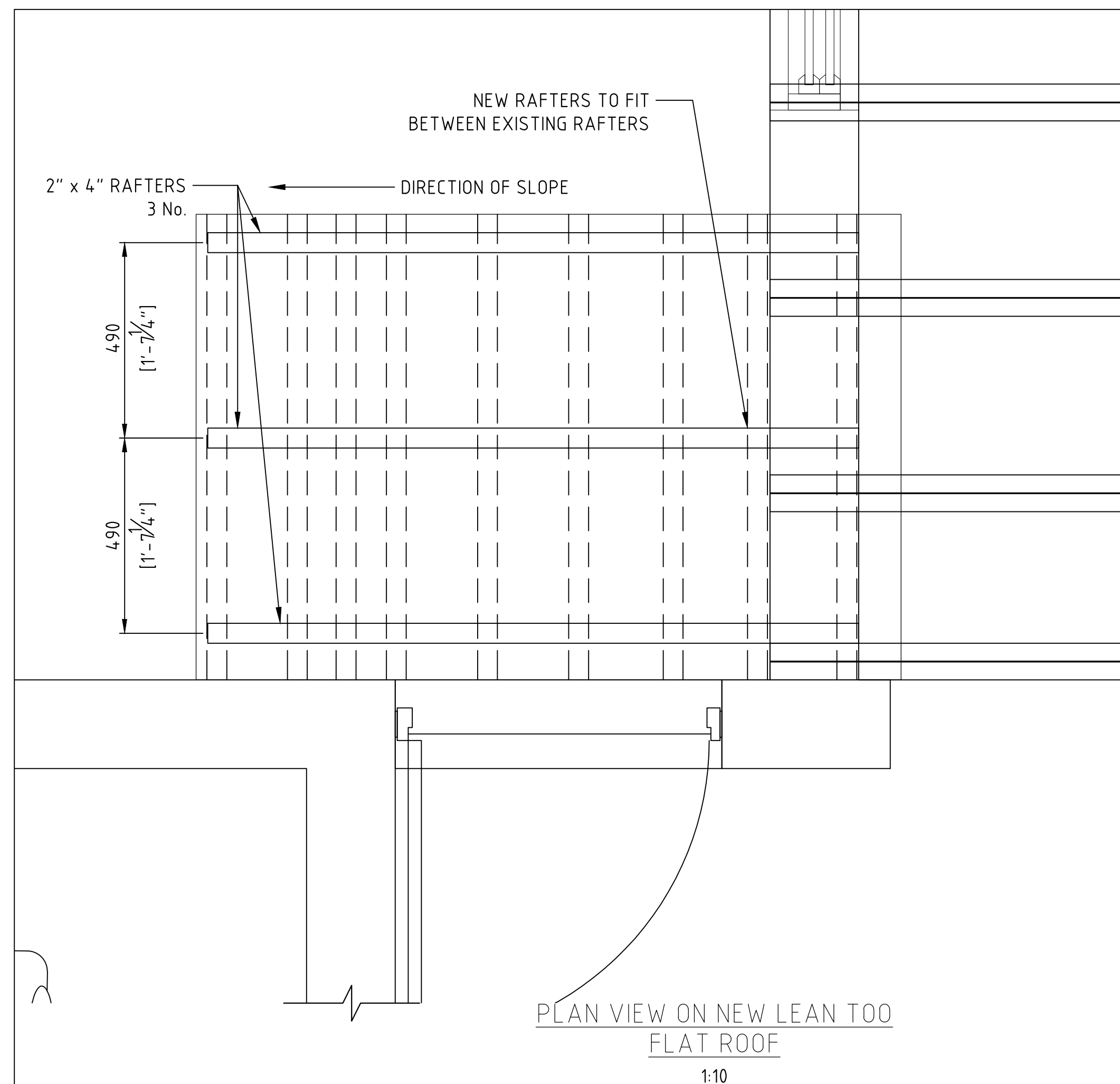
SHEET TITLE:  
NEW PUMP ROOM  
DETAILS

SHEET NUMBER:

S004

REVISION

A





ISSUED FOR: TENDER

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SCALE: .

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DESIGN  
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PROJECT NAME:

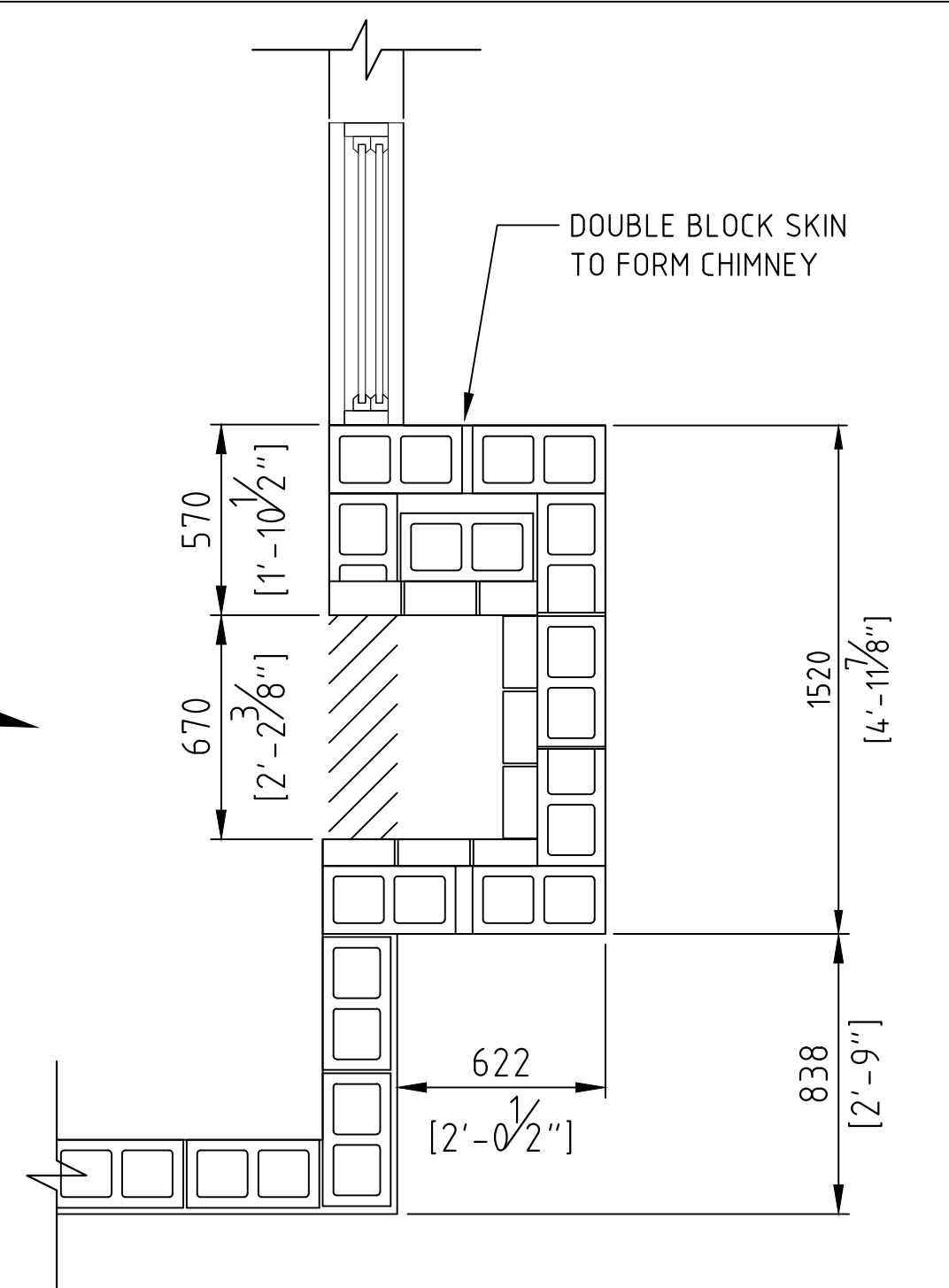
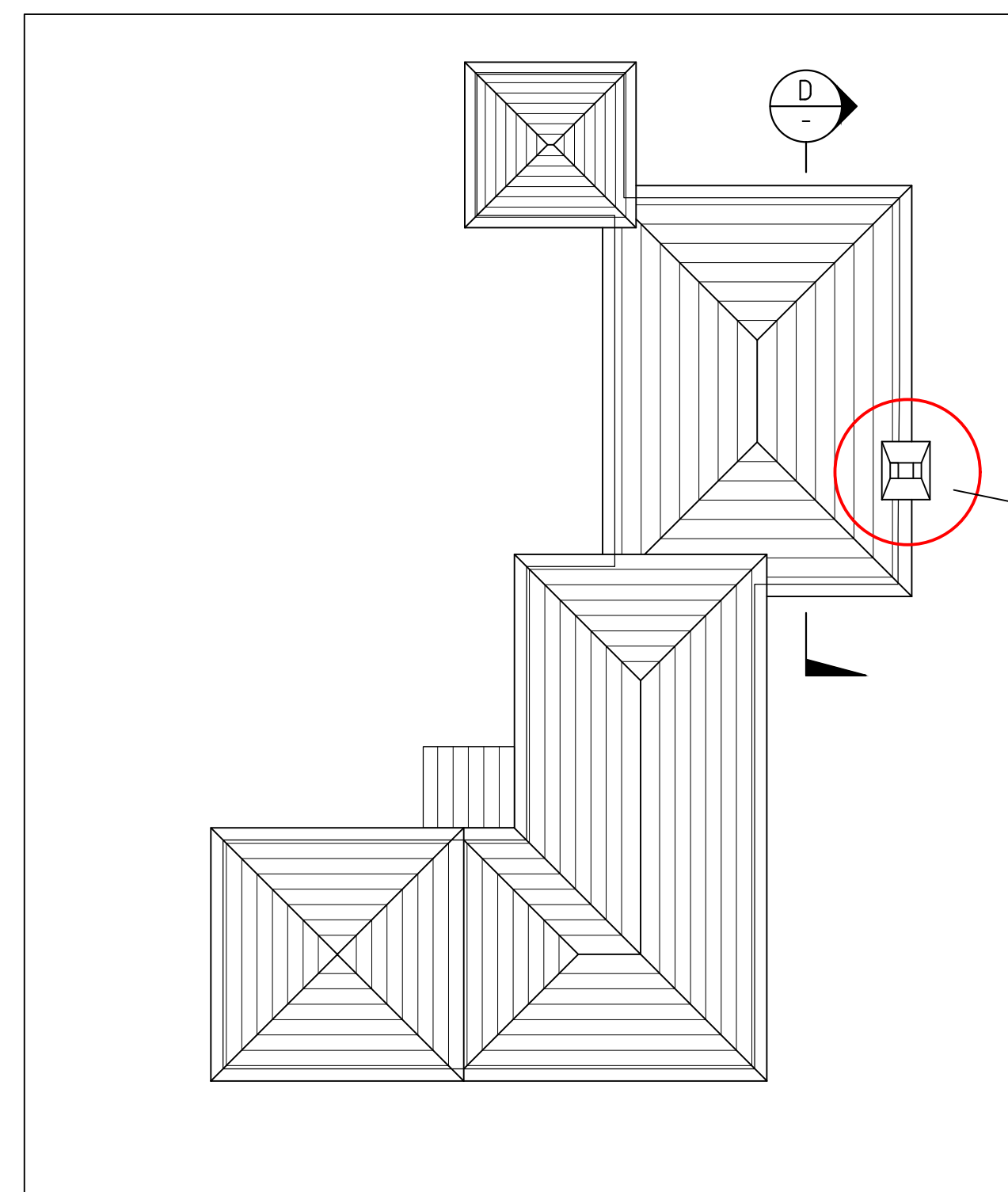
**SWING BRIDGE  
OPERATOR'S HUT**

MULLET BAY ROAD  
HAMILTON

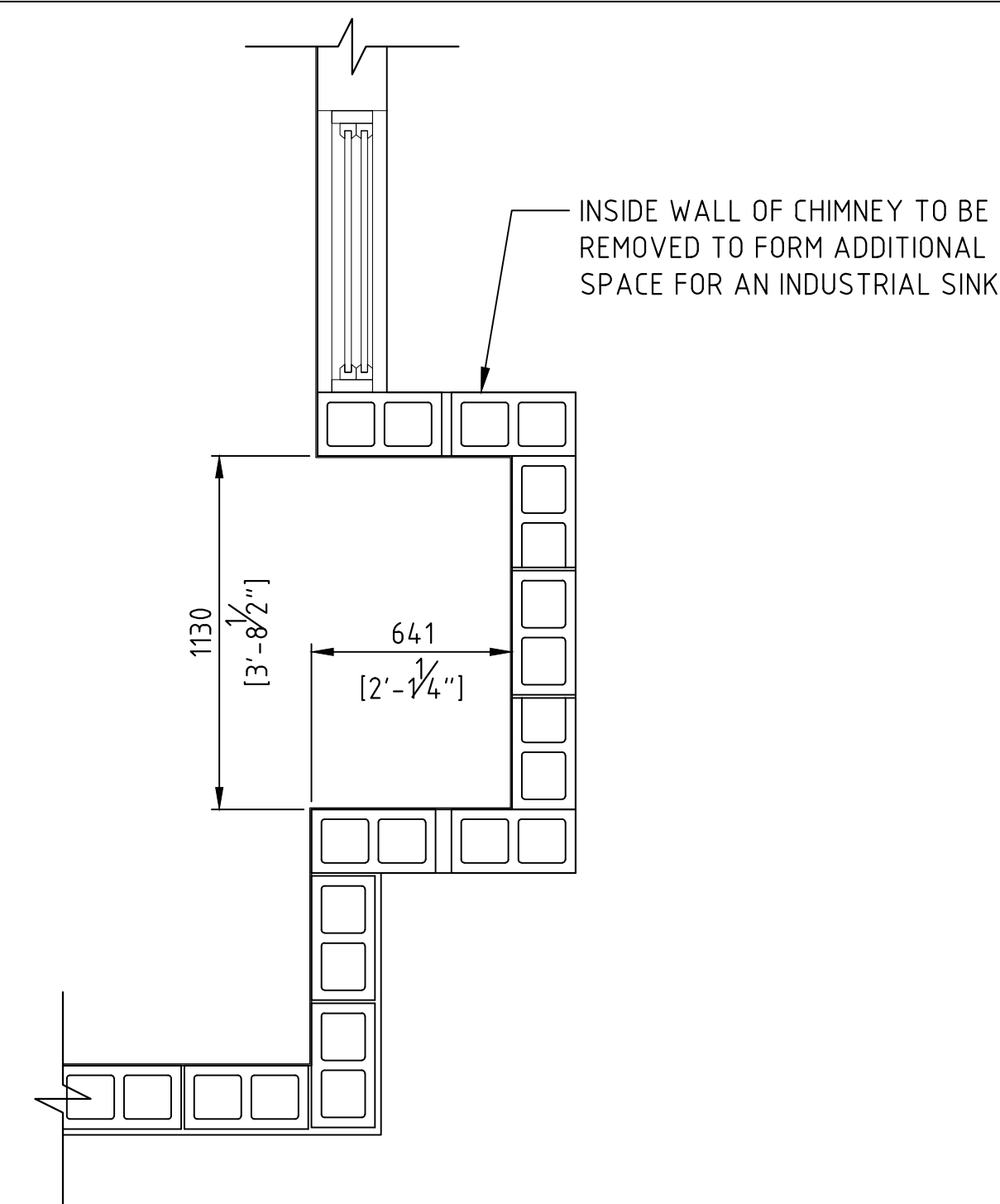
SHEET TITLE:  
**FIREPLACE  
OPENING UP WORKS**

SHEET NUMBER:  
**S005**

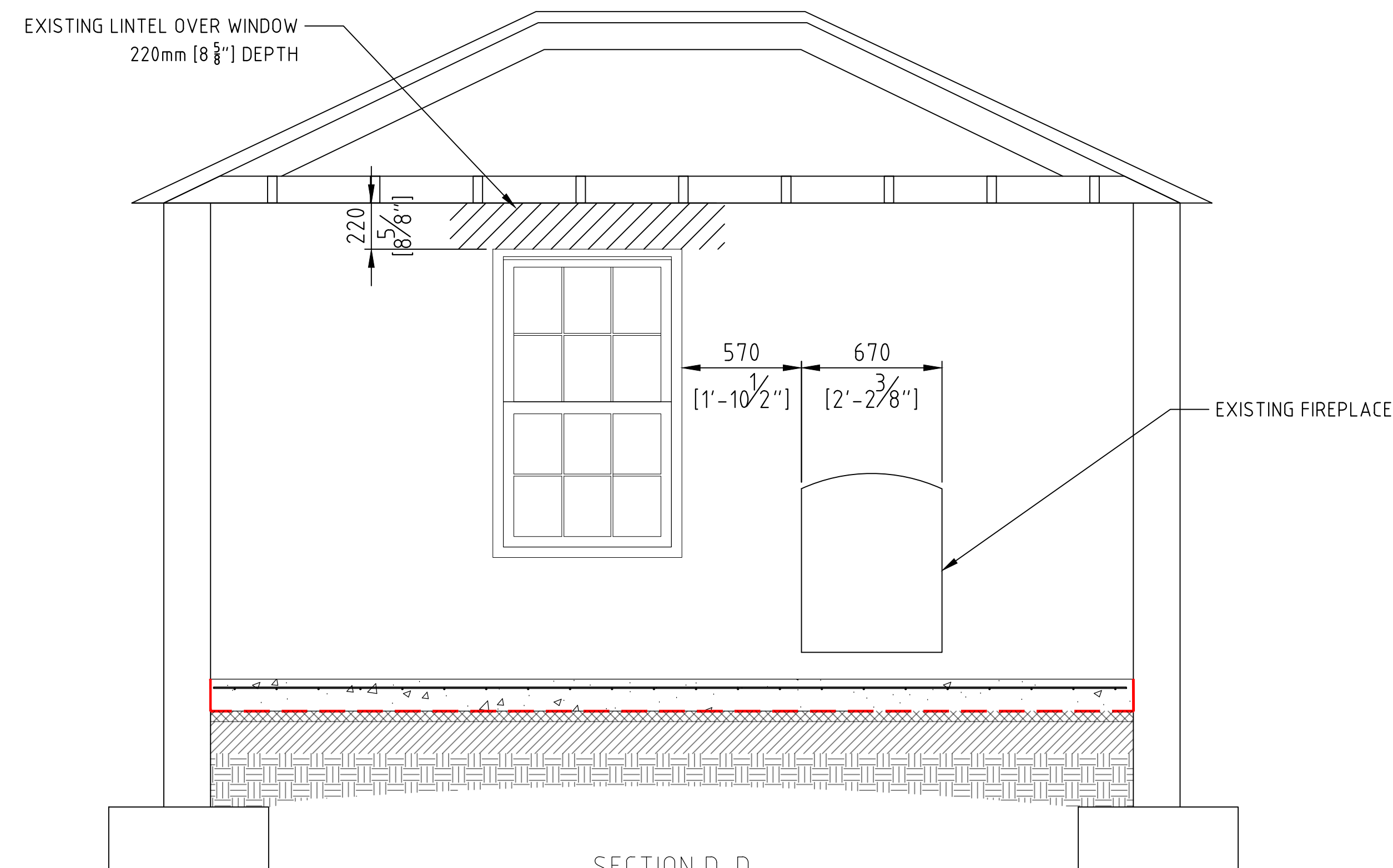
REVISION  
**A**



PLAN VIEW  
ON EXISTING FIREPLACE  
1:20



PLAN VIEW  
ON PROPOSED OPENING UP WORKS  
OF FIREPLACE  
1:20

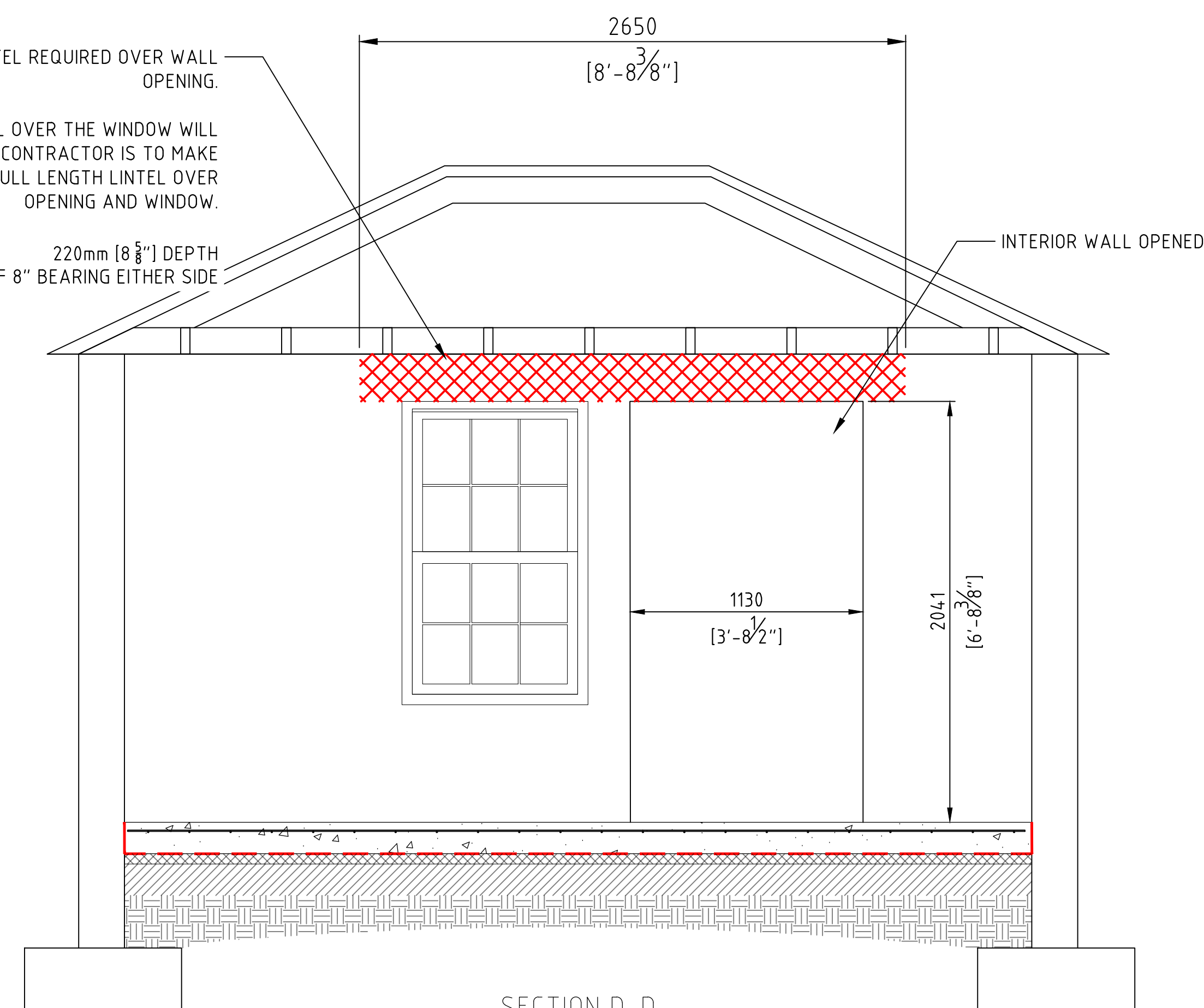


SECTION D-D  
EXISTING  
LOOKING AT FIREPLACE  
1:20

NEW CONCRETE LINTEL REQUIRED OVER WALL OPENING.

THE EXISTING LINTEL OVER THE WINDOW WILL CLASH, THEREFORE THE CONTRACTOR IS TO MAKE AN ALLOWANCE FOR A FULL LENGTH LINTEL OVER OPENING AND WINDOW.

220mm [8 5/8"] DEPTH  
MINIMUM OF 8" BEARING EITHER SIDE



SECTION D-D  
PROPOSED  
OPENING UP WORKS OF FIREPLACE  
1:20

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SCALE: .

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PROJECT NAME:

**SWING BRIDGE  
OPERATOR'S HUT**

MULLET BAY ROAD  
HAMILTON

SHEET TITLE:

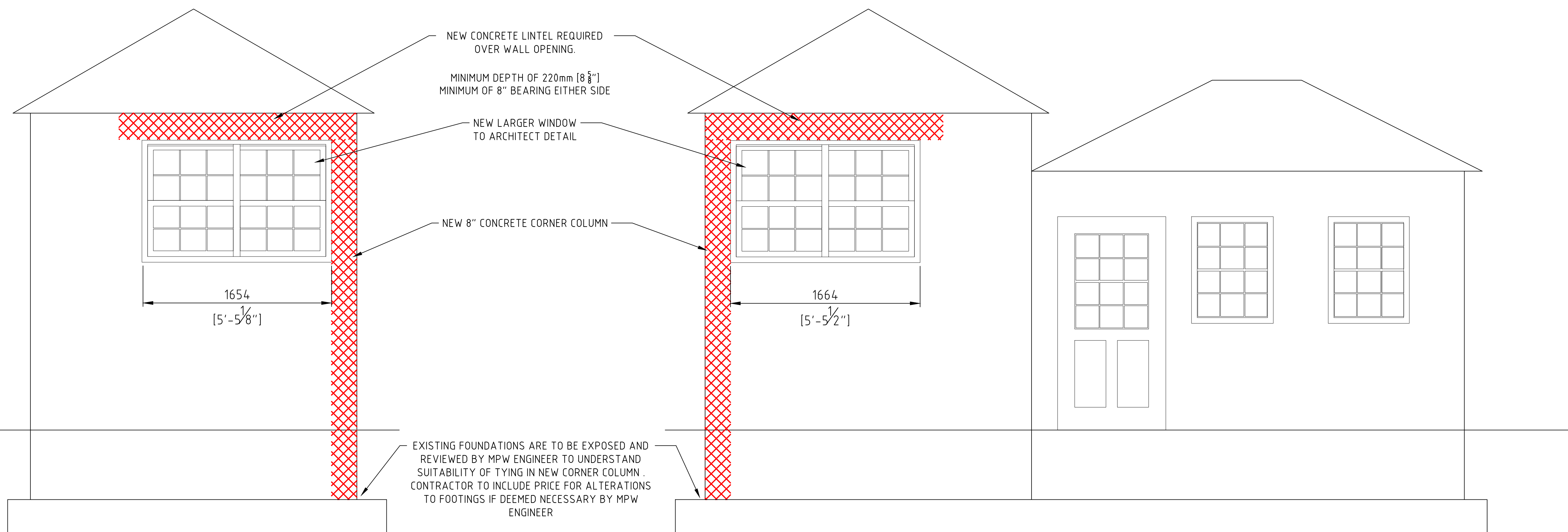
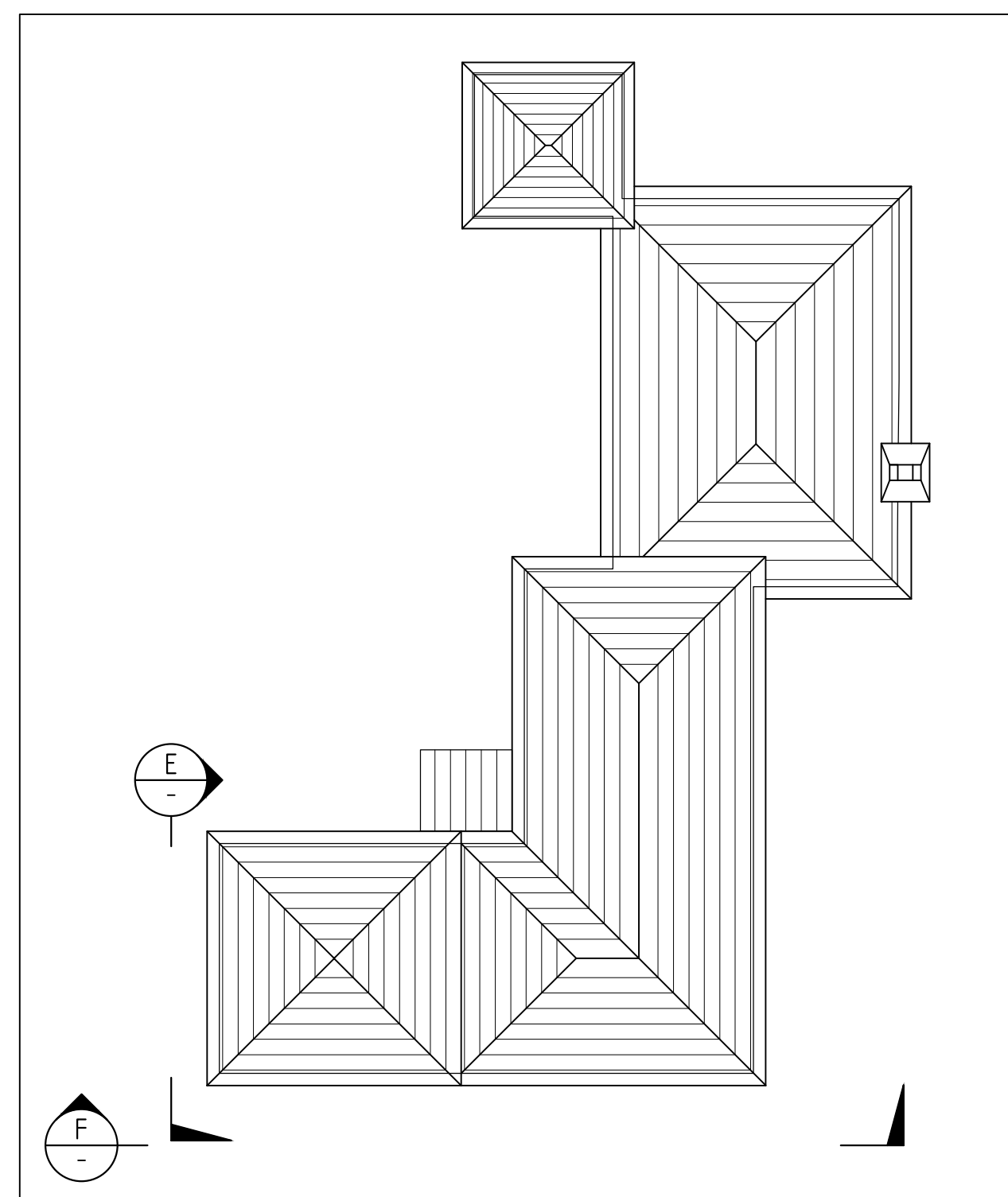
**LARGER WINDOWS  
GERNARL ARRANGEMENT**

SHEET NUMBER:

**S006**

REVISION

**A**



VIEW E-E  
LARGER WINDOWS  
1:20

VIEW F-F  
LARGER WINDOWS  
1:20

NEW CONCRETE LINTEL REQUIRED  
OVER WALL OPENING.

MINIMUM DEPTH OF 220mm [8 5/8"]  
MINIMUM OF 8" BEARING EITHER SIDE

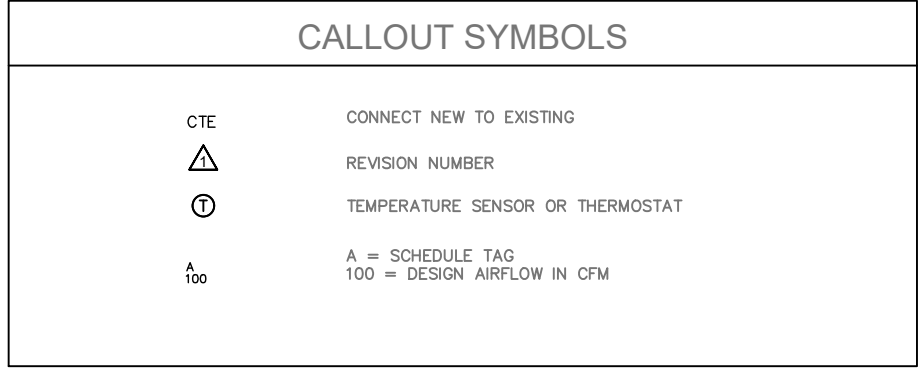
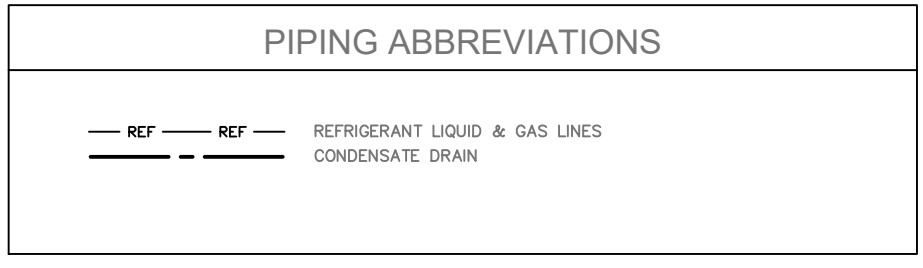
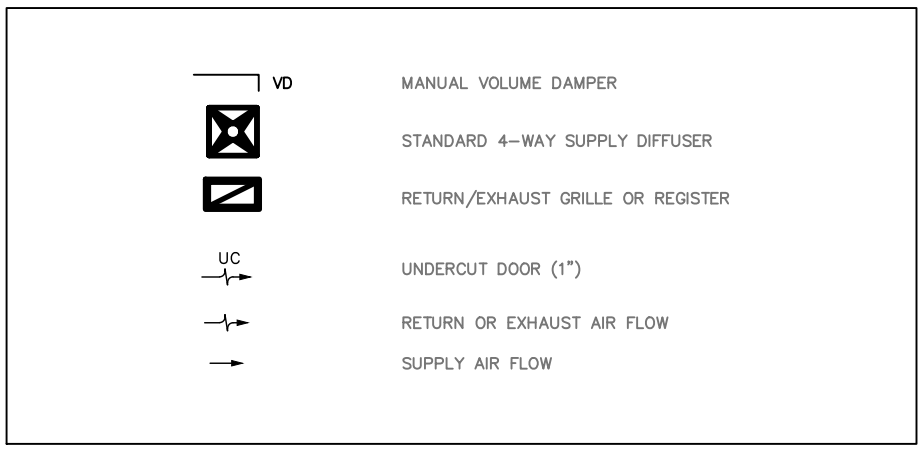
NEW LARGER WINDOW  
TO ARCHITECT DETAIL

NEW 8" CONCRETE CORNER COLUMN

EXISTING FOUNDATIONS ARE TO BE EXPOSED AND  
REVIEWED BY MPW ENGINEER TO UNDERSTAND  
SUITABILITY OF TYING IN NEW CORNER COLUMN.  
CONTRACTOR TO INCLUDE PRICE FOR ALTERATIONS  
TO FOOTINGS IF DEEMED NECESSARY BY MPW  
ENGINEER



ABBREVIATIONS	
<b>GENERAL</b>	
AAV	AUTOMATIC AIR VENT
ACV	AUTOMATIC CONTROL VALVE
ADD'L	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APD	AIR PRESSURE DROP
ARCH	ARCHITECT
AS	AIR SEPARATOR
ATC	AUTOMATIC TEMPERATURE CONTROL
ATM	ATMOSPHERE
AVE	AVERAGE
BDD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
CENT	CENTRIFUGAL
CFM	CUBIC FEET PER MINUTE
CO	CLEAN-OUT
COND	CONDENSATE
CONN	CONNECTION
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
D	DRAIN
DEG	DEGREE
DDC	DIRECT DIGITAL CONTROL
DDCFP	DIRECT DIGITAL CONTROL FIELD PANEL
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DN	DOWN
EA	EACH
ELEC	ELECTRICAL
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXIST	EXISTING
F	FAHRENHEIT OR FAN
FC	FAN COIL
FCV	FLOW CONTROL VALVE
FB	FAN BOX
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FT	FEET
GA	GAUGE
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
GRD	GRADE
HP	HORSEPOWER
HR	HOUR
HZ	HERTZ (FREQUENCY, CYCLES PER SECOND)
ID	INSIDE DIAMETER
IN	INCHES
KW	KILOWATT
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LF	LINEAR FEET
LP	LOW POINT
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MAY	MANUAL AIR VENT
MBH	THOUSAND BTUH
MECH	MECHANICAL
MIN	MINIMUM
MU	MAKE-UP WATER
N/A	NOT APPLICABLE
NC	NOISE CRITERIA
NTS	NOT TO SCALE
OED	OPEN END DUCT
OBD	OPPOSED BLADE DAMPER
PD	PRESSURE DROP
PH	PHASE
QTY	QUANTITY
RA	RETURN AIR
RET	RETURN
REF	REFRIGERANT
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
SCH	SCHEDULE
SD	SMOKE DETECTOR
SEN	SENSIBLE
SP	STATIC PRESSURE
SPECS	SPECIFICATIONS
SUP	SUPPLY
T	TEMPERATURE
TD	TRANSFER DUCT
TEMP	TEMPERATURE
TSTAT	THERMOSTAT
TYP	TYPICAL
UC	UNDERCUT DOOR
V	VOLTS (ELECTRICAL)
VD	VOLUME DAMPER
VAV	VARIABLE AIR VOLUME SUPPLY AIR TERMINAL
W/	WITH
W/O	WITHOUT
WMS	WIRE MESH SCREEN
WPD	WATER PRESSURE DROP
X	EXISTING EQUIPMENT TO BE REMOVED
XM	EXISTING EQUIPMENT TO REMAIN
XN	NEW LOCATION OF RELOCATED EQUIPMENT
XR	EXISTING EQUIPMENT TO BE RELOCATED



- ### HVAC GENERAL NOTES
- DUCT CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE SMACNA HVAC DUCT CONSTRUCTION STANDARDS
  - PROVIDE TURNING VANES IN ALL 90 DEGREE RECTANGULAR DUCT ELBOWS
  - COORDINATE DIFFUSER, GRILLE AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND OTHER TRADES
  - ALL SUPPLY DUCTWORK SHALL BE GALVANIZED SHEET METAL, EXTERNALLY WRAPPED WITH 2" THICK FIBERGLASS INSULATION.
  - LOCATE THERMOSTATS AT 48" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION WITH OTHER EQUIPMENT AND FURNITURE
  - ALL DUCT SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS
  - PROVIDE BALANCING DAMPERS ON ALL BRANCH DUCT TAKEOFFS
  - TRAPPED CONDENSATE DRAINS FROM ALL MECHANICAL EQUIPMENT SHALL BE PROVIDED FOR PROPER DRAINAGE TO SUIT EQUIPMENT FURNISHED
  - ALL CONDENSATE LINES FROM INDOOR FAN COIL UNITS SHALL BE INSULATED WITH 3/4" ARMAFLEX INSULATION AND ROUTED TO INDIRECT DRAIN CONNECTIONS PROVIDED BY PLUMBING CONTRACTOR. COORDINATE EXACT LOCATIONS WITH PLUMBING CONTRACTOR.
  - ACCESS PANELS IN DUCTWORK AND CEILING SHALL BE PROVIDED WHERE REQUIRED FOR OPERATION, BALANCING OR MAINTENANCE OF ALL MECHANICAL EQUIPMENT
  - PROVIDE CONCRETE HOUSEKEEPING PADS UNDER ALL FLOOR MOUNTED MECHANICAL EQUIPMENT
  - LOCATE OUTSIDE AIR INTAKES A MINIMUM OF 25FT FROM ALL PLUMBING VENTS AND EXHAUST AIR DISCHARGE LOCATIONS. OUTSIDE AIR INTAKE SHALL BE A MINIMUM OF 6FT ABOVE GRADE
  - PROVIDE PVC COVERS ON ALL REFRIGERANT LINES INSTALLED OUTSIDE
  - CONTRACTOR SHALL TEST AND CALIBRATE ALL CONTROL SYSTEMS AND VERIFY FULL FUNCTIONALITY PRIOR TO HANDOVER.
  - CONTRACTOR SHALL PERFORM TESTING AND AIR BALANCING FOR ALL DUCTED SYSTEMS. DOCUMENT AND SUBMIT RESULTS TO ENGINEER.
  - CONTRACTOR SHALL SUBMIT OPERATION AND MAINTENANCE MANUALS AT END OF PROJECT. MANUALS SHALL INCLUDE SUBMITTAL INFORMATION, AS BUILT DRAWINGS, COMMISSIONING DOCUMENTATION, OPERATING INSTRUCTIONS, ROUTINE MAINTENANCE REQUIREMENTS, WARRANTIES AND RECOMMENDED SPARE PARTS.

- ### PIPING & PLUMBING GENERAL NOTES
- PIPING SYSTEMS SHALL BE CLEANED, VACUUM / LEAK TESTED.
  - WHERE PIPING CONNECTIONS FOR EQUIPMENT SUCH AS AC UNITS, COILS, ETC. DIFFER FROM THE LINE SIZE PIPING, IT SHALL BE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO FURNISH AND INSTALL THE NECESSARY REDUCER/EXPANDER FITTINGS TO ENABLE CONNECTION BETWEEN THE PIPING SYSTEM AND EQUIPMENT.
  - PROVIDE DIELECTRIC FITTINGS BETWEEN TWO DISSIMILAR METALS.
  - GRAVITY DRAIN PIPING SHALL BE PITCHED DOWN 1/8 INCH PER FOOT IN THE DIRECTION OF FLOW. TESTING & COMMISSIONING
    - CONTRACTOR SHALL SUBMIT ALL START-UP, TESTING, COMMISSIONING REPORTS AND AS-BUILTS FOR THE ENGINEER'S REVIEW, INCLUDING BUT NOT LIMITED TO:
      - TESTING, ADJUSTING AND BALANCING (TAB) REPORTS FOR ALL NEW DUCTED AIR-CONDITIONING SYSTEMS AND RECONFIGURATION OF FRESH AIR.
      - POINT-TO-POINT DNS VERIFICATION.
      - DUCTWORK LEAK TEST & REPORTS.
      - REFRIGERANT LEAK TEST & REPORTS.
      - HVAC AS-BUILT PACKAGES
      - OPERATIONS & MAINTENANCE MANUALS
    - CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE OWNER WITH TRAINING FOR OPERATING THE NEW HVAC SYSTEM, INCLUDING USE OF:
      - PROGRAMMABLE / ADJUSTABLE THERMOSTATS
      - FRONT-END GRAPHICAL USER INTERFACE
      - INTELLIGENT TOUCH MANAGER / EQUIVALENT BUILDING MANAGEMENT SYSTEM (ALL CONTROL, MONITORING AND ALARM POINTS)
    - CONTRACTOR SHALL BE RESPONSIBLE FOR RETROACTIVELY COMMISS

### HVAC SPECIFICATIONS

PRODUCTS AND INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LAWS, CODES, GOVERNMENT REGULATIONS, UTILITY COMPANY REQUIREMENTS, ETC. AND AUTHORITY HAVING JURISDICTION.

WORK SHALL COMPLY WITH THE FOLLOWING CODES, STANDARDS AND ORGANIZATIONS:

- BERMUDA BUILDING CODE 2014
- NFPA 70 NATIONAL ELECTRIC CODE 2014
- UNDERWRITERS LABORATORY (UL)
- ASHRAE, ASME, NEC, SMACNA AS APPLICABLE

WHERE CONFLICTS EXIST BETWEEN CODES, STANDARDS OR THIS SPECIFICATION THE HIGHER REQUIREMENT SHALL APPLY. DEVIATIONS FROM THE CONTRACT DOCUMENTS REQUIRED BY THE ABOVE AUTHORITIES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW. OBTAIN PERMITS AND PAY ALL FEES. ARRANGE FOR ALL REQUIRED INSPECTIONS AND APPROVALS.

ALL SPECIFICATIONS AND DRAWINGS, I.E., ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL ARE COMPLIMENTARY AND MUST BE USED IN COMBINATION TO OBTAIN COMPLETE CONSTRUCTION INFORMATION. ANY INFORMATION CONFLICTS WITHIN THE SPECIFICATIONS AND DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION.

EXCEPT WHERE DIMENSIONS ARE SHOWN, THE DRAWINGS FOR MECHANICAL WORK (HVAC, PLUMBING, FIRE PROTECTION) ARE DIAGRAMMATIC AND INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE DRAWINGS DO NOT SHOW EVERY FITTING AND DETAIL. ALL PIPING, DUCT, EQUIPMENT, MATERIALS AND LABOUR SHALL BE COMPLETE. COORDINATE ALL WORK WITH THE ARCHITECTURAL, STRUCTURAL, CIVIL AND ELECTRICAL DRAWINGS AND ALL OTHER WORK SHOWN ON THE CONTRACT DOCUMENT DRAWINGS. COORDINATE WORK WITH THE ARCHITECTURAL ELEMENTS INCLUDING AVAILABLE SPACE ABOVE CEILINGS. ALL MATERIAL SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AND CLEARANCES ON SITE PRIOR TO COMMENCING WORK. DRAWINGS SHALL NOT BE SCALED UNLESS INDICATED.

WORK SHALL BE EXECUTED IN A GOOD WORKMANLIKE MANNER USING PERSONNEL SKILLED IN THEIR RESPECTIVE TRADES. ALL EQUIPMENT AND MATERIALS SHALL BE NEW, BOXED AND FREE OF DEFECTS. SYSTEMS ARE TO BE COMPLETE AND WORKABLE IN ALL RESPECTS, PLACED IN OPERATION AND PROPERLY ADJUSTED.

MAINTAIN THE CONSTRUCTION PREMISES IN A NEAT AND ORDERLY CONDITION AT THE END OF EACH WORKING DAY. CLEAN UP, REMOVE AND LEGALLY DISPOSE OF ALL RUBBISH DAILY. CONTRACTOR SHALL PROTECT THEIR WORK AGAINST DAMAGE. ANY WORK DAMAGED BY FAILURE TO PROVIDE THE PROPER PROTECTION REQUIRED, SHALL BE REMOVED AND REPLACED WITH NEW WORK AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF HIS WORKERS, AND FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES FOR COORDINATING THE WORK UNDER THIS CONTRACT.

THE CONTRACTOR SHALL CONFORM TO ALL GENERAL AND SPECIAL CONDITIONS OF CONTRACT AS SPECIFIED BY THE ARCHITECT, ENGINEER AND/OR OWNER.

IN CASES OF DOUBT AS TO THE WORK INTENDED, OR IN THE EVENT OF NEED FOR EXPLANATION THEREOF, THE CONTRACTOR SHALL REQUEST SUPPLEMENTARY INSTRUCTIONS FROM THE ENGINEER. NO CHANGES ARE TO BE MADE TO THE WORK OF THIS CONTRACT WITHOUT PRIOR KNOWLEDGE AND APPROVAL OF THE ENGINEER.

THE CONTRACTOR SHALL HOLD THE OWNER AND ITS CONSULTANTS HARMLESS AGAINST ALL CLAIMS AND JUDGMENTS ARISING OUT OF THE CONTRACTORS PERFORMANCE OF THE WORK OF THIS CONTRACT. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK, FOR WHICH HE EXPECTS ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT, WITHOUT WRITTEN AUTHORIZATION FROM THE APPROPRIATE AUTHORITY. FAILURE TO OBTAIN SUCH WRITTEN AUTHORIZATION SHALL INVALIDATE ANY CLAIM FOR EXTRA COMPENSATION.

BASIS OF DESIGN AND SUBSTITUTIONS.

- MANUFACTURERS LISTED ARE BASIS OF DESIGN. SUBSTITUTIONS ARE SUBJECT TO THE APPROVAL OF THE OWNER, ARCHITECT & ENGINEER. IF SUBSTITUTION IS SUBMITTED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO EVALUATE IT AND CERTIFY THAT THE SUBSTITUTION IS EQUIVALENT IN ALL RESPECTS TO THE BASIS OF DESIGN. WHERE SUBMITTALS VARY FROM THE CONTRACT REQUIREMENTS, THE CONTRACTOR SHALL CLEARLY INDICATE ON SUBMITTAL OR ACCOMPANYING DOCUMENTS THE NATURE AND REASON FOR VARIATIONS. IF SUBSTITUTIONS ARE APPROVED, NOTIFY ALL OTHER CONTRACTORS, SUBCONTRACTORS OR TRADES AFFECTED BY SUBSTITUTION AND FULLY COORDINATE. ANY COSTS RESULTING FROM SUBSTITUTION, WHETHER BY CONTRACTOR OR OTHERS, SHALL BE RESPONSIBILITY OF AND PAID FOR BY SUBSTITUTING CONTRACTOR. APPROVED SHOP DRAWINGS DOES NOT ABSOLVE THIS CONTRACTOR FROM THIS RESPONSIBILITY. APPROVAL OF SUBSTITUTIONS IS AT THE DISCRETION OF THE ARCHITECT & ENGINEER AND IF SUBMITTED AFTER THE 60, AT THE RISK OF THE CONTRACTOR.

SHOP DRAWING SUBMITTALS.

- COORDINATE, PREPARE AND SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR THEIR REVIEW. CONTRACTOR SHALL REVIEW AND INDICATE HIS APPROVAL OF EACH SHOP DRAWING PRIOR TO SUBMITTAL FOR REVIEW. DO NOT ORDER, START WORK OR FABRICATION UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED BY THE ENGINEER AND RETURNED TO THE CONTRACTOR. SHOP DRAWINGS TO BE SUBMITTED INCLUDE, BUT NOT LIMITED TO FAN COILS, GRILLES, DIFFUSERS, FIRE DAMPERS, CONTROLS AND PLUMBING FIXTURES.
- CLEARLY IDENTIFY EACH ITEM ON THE SUBMITTAL AS TO MARK, LOCATION AND USE, USING SAME IDENTIFICATION AS PROVIDED ON DESIGN DRAWINGS. ELECTRONIC SUBMITTALS SHALL BE PRESENTED WITH ALL SHEETS IN ALPHANUMERIC ORDER AND ALL SHEETS ORIENTED WITH TOP OF SHEET UP.
- SUBMITTALS WILL BE REVIEWED ONLY FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS AND NOT FOR DIMENSIONS OR QUANTITIES. THE SUBMITTAL REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PURCHASE OF ANY ITEM IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS OR ITS COMPLETE AND PROPER INSTALLATION.

RECORD DRAWINGS.

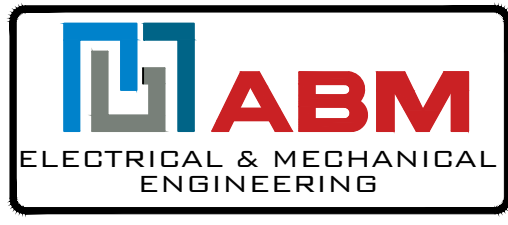
- A SET OF MEP RECORD/COORDINATION DRAWINGS SHALL BE MAINTAINED AT THE JOB SITE. PRINTS SHALL INDICATE ADDITIONS, DELETIONS, VARIATIONS IN LOCATION, VARIATIONS IN NUMBERING ETC. ALTERATIONS SHALL BE MARKED IN RED AND DELETIONS ALL BE MARKED IN GREEN AND SHALL BE ON THE LATEST CONTRACT DRAWING ISSUED. RECORD DRAWINGS SHALL BE KEPT CLEAN AND UNDAMAGED AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN RECORDING DEVIATIONS FROM WORKING DRAWINGS. AFTER THE PROJECT IS COMPLETED, THESE SETS OF DRAWINGS SHALL BE DELIVERED TO THE ARCHITECT IN GOOD CONDITION, AS A PERMANENT RECORD OF THE INSTALLATION AS ACTUALLY CONSTRUCTED.

EQUIPMENT.

- MAKE ALL FINAL EQUIPMENT CONNECTIONS AND PROVIDE THE NECESSARY ADAPTORS, FITTINGS, DEVICES, ETC. FOR A COMPLETE AND OPERABLE SYSTEM. PROVIDE EQUIPMENT COMPLETE WITH BASES, ISOLATORS, SUPPORTS AND ALL OTHER REQUIRED EQUIPMENT MOUNTING ACCESSORIES.
- EQUIPMENT SHALL BE INSTALLED IN FULL ACCORDANCE WITH THE MANUFACTURER'S DATA AND INSTALLATION



ARCHITECT  
**THE MINISTRY OF WORKS AND ENGINEERING PARKS & HOUSING**  
 P.O. Box HM525 Hamilton HM CX Bermuda  
 Phone: (441)295-5151



NORTH



#	APPR	DATE	ISSUED FOR
5			
4			
3	ZJ	12/05/25	FOR PLANNING SUBMISSION
2	ZJ	15/04/25	FOR REVIEW
1	ZJ	15/04/25	FOR REVIEW

REV	DRWN	APPR	DATE	REVISION	DESCRIPTION
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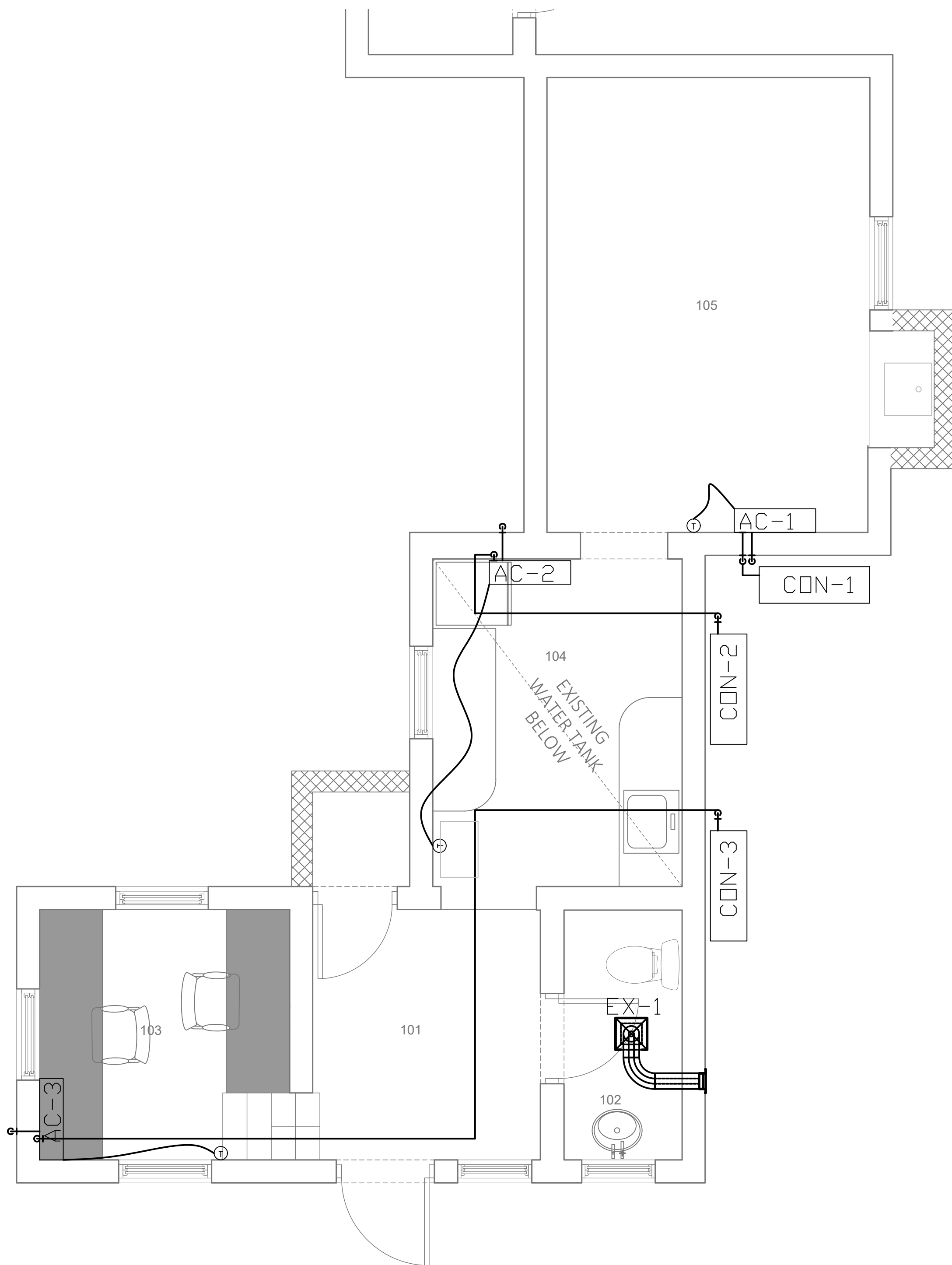
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 CONTRACTOR SHALL VERIFY ALL CONDITIONS ON JOB SITE & NOTIFY PROJECT ENGINEER OF ANY VARIATIONS FROM DIMENSIONS SHOWN ON THESE DRAWINGS BEFORE PROCEEDING WITH ANY CONSTRUCTION

PROJECT ENGINEER	
ENGINEER	ZEEKO JOHNSTONE
DATE	8 APR 2025
SCALE	1/4"=1'-0"
DRAWN	ZJ
CHECKED	
APPROVED	ZEEKO JOHNSTONE
APPROVED	

PROJECT  
 SWING BRIDGE HOUSE  
 MULLET BAY RD.  
 HAMILTON BERMUDA

TITLE  
 SWING BRIDGE HOUSE  
 RENOVATION  
 NOTES & SPECIFICATIONS

250206	M100	0
JOB NO	DRAWING NO	REVISION



**GENERAL NOTES:**

- ANY DISCREPANCIES BETWEEN THIS DRAWING AND ANY SPECIFICATIONS, ARCHITECTURAL DRAWINGS, OR OTHER TRADES' DRAWINGS SHALL BE IMMEDIATELY REPORTED IN WRITING TO THE ARCHITECT AND MECHANICAL ENGINEER VIA THE GENERAL CONTRACTOR.
- ALL WORKS SHALL COMPLY WITH THE CURRENT BERMUDA BUILDING CODE, INTERNATIONAL MECHANICAL CODE, 7 ASHRAE STANDARDS.
- PROPOSED UNITS TO UTILIZE LOW GWP (GLOBAL WARMING POTENTIAL) REFRIGERANT
- ALL EQUIPMENT TO BE OF EQUAL OR APPROVED SPECIFICATIONS

**HVAC NOTES**

1. ALL MECHANICAL WORKS SHALL BE DONE IN STRICT ACCORDANCE WITH THE BERMUDA BUILDING CODE 2014
2. NCOORDINATE EXACT POSITION OF THERMOSTATS, INDOOR & OUTDOOR UNITS WITH ARCHITECT
3. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK IS 10'-0". SPIRAL ROUND DUCT SHALL BE USED FROM PRECEEDING SECTIONS WHERE MAXIMUM LENGTH IS EXCEEDED
4. PROVIDE 1/2" UNDERCUT UNDER WASHROOM DOORS

**CONDENSER UNIT LEGEND**

ID	MANUFACTURE	MODEL	COOLING CAPACITY	HEATING CAPACITY	ELECTRICAL V/Hz/Ph	NOTES
CON-1	MITSUBISHI	MUZ-FX12NLHZ	12,000	13,200	208-230/60/1	-
CON-2	MITSUBISHI	MUZ-FX09NLHZ	9,000	12,000	208-230/60/1	-
CON-3	MITSUBISHI	MUZ-FX09NLHZ	9,000	12,000	208-230/60/1	-

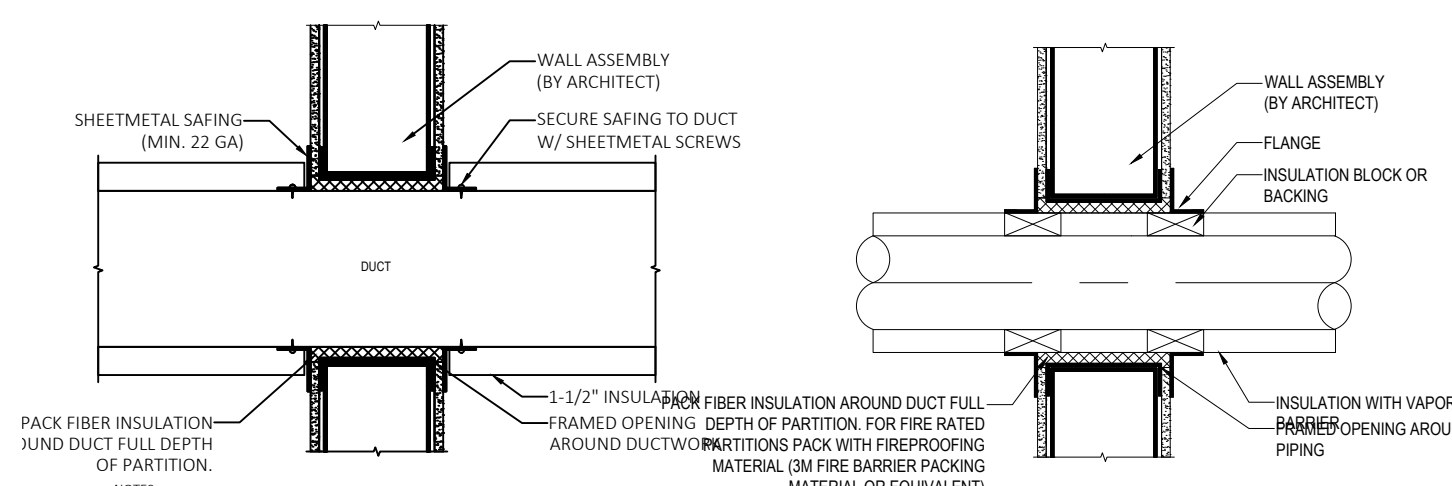
**FAN COIL UNIT LEGEND**

ID	MANUFACTURE	MODEL	BTU's	ELECTRICAL V/Hz/Ph	NOTE:
AC-1	MITSUBISHI	MSZ-FX12NL	12,000	208-230/60/1	-
AC-2	MITSUBISHI	MSZ-FX09NL	9,000	208-230/60/1	-
AC-3	MITSUBISHI	MSZ-FX09NL	9,000	208-230/60/1	-

**FAN LEGEND**

ID	MANUFACTURE	MODEL	FLOW (CFM)	ELECTRICAL V/Hz/Ph	AMP's	WATTS	LOUVER	NOTE:
EF-1	NuTone	BEL8	80	120/60/1	0.6	20.9	--	-C/w 10 MINUTE TIMER CONNECTED TO LIGHT SWITCH. -HOODED WALL CAP C/w BACK DRAFT DAMPER

**DUCT & PIPE PENETRATIONS THROUGH WALL DETAIL**



- NOTES:
1. SHEETMETAL SAFING (22 GAUGE MIN.) SHALL BE INSTALLED TO FIT THE CONTOUR OF THE DUCT W/ A 3/8\"/>
  2. NO. 8 BY 3/4\"/>
- NOTES:
1. ALTERNATIVE TO THIS DETAIL, PROVIDE A PRE-FABRICATED PIPE WALL SLEEVE (INSULATED AND FIRE PROOFED AS REQUIRED)

ARCHITECT

**THE MINISTRY OF WORKS AND ENGINEERING PARKS & HOUSING**

P.O. Box HM525 Hamilton HM CX Bermuda  
Phone: (441)295-5151

**ABM**  
ELECTRICAL & MECHANICAL ENGINEERING

NORTH

STAMP

12/05/25

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3			
2	ZJ	12/05/25	FOR PLANNING SUBMISSION
1	ZJ	15/04/25	FOR REVIEW

REV	DRWN	APPR	DATE	REVISION	DESCRIPTION
1					

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CONTRACTOR SHALL VERIFY ALL CONDITIONS ON JOB SITE & NOTIFY PROJECT ENGINEER OF ANY VARIATIONS FROM DIMENSIONS SHOWN ON THESE DRAWINGS BEFORE PROCEEDING WITH ANY CONSTRUCTION

PROJECT ENGINEER: ZEEKO JOHNSTONE

ENGINEER: ZEEKO JOHNSTONE

DATE: 8 ARP 2025

SCALE: -

DRAWN: ZJ

CHECKED: ZJ

APPROVED: ZEEKO JOHNSTONE

PROJECT: SWING BRIDGE HOUSE, MULLET BAY RD., HAMILTON BERMUDA

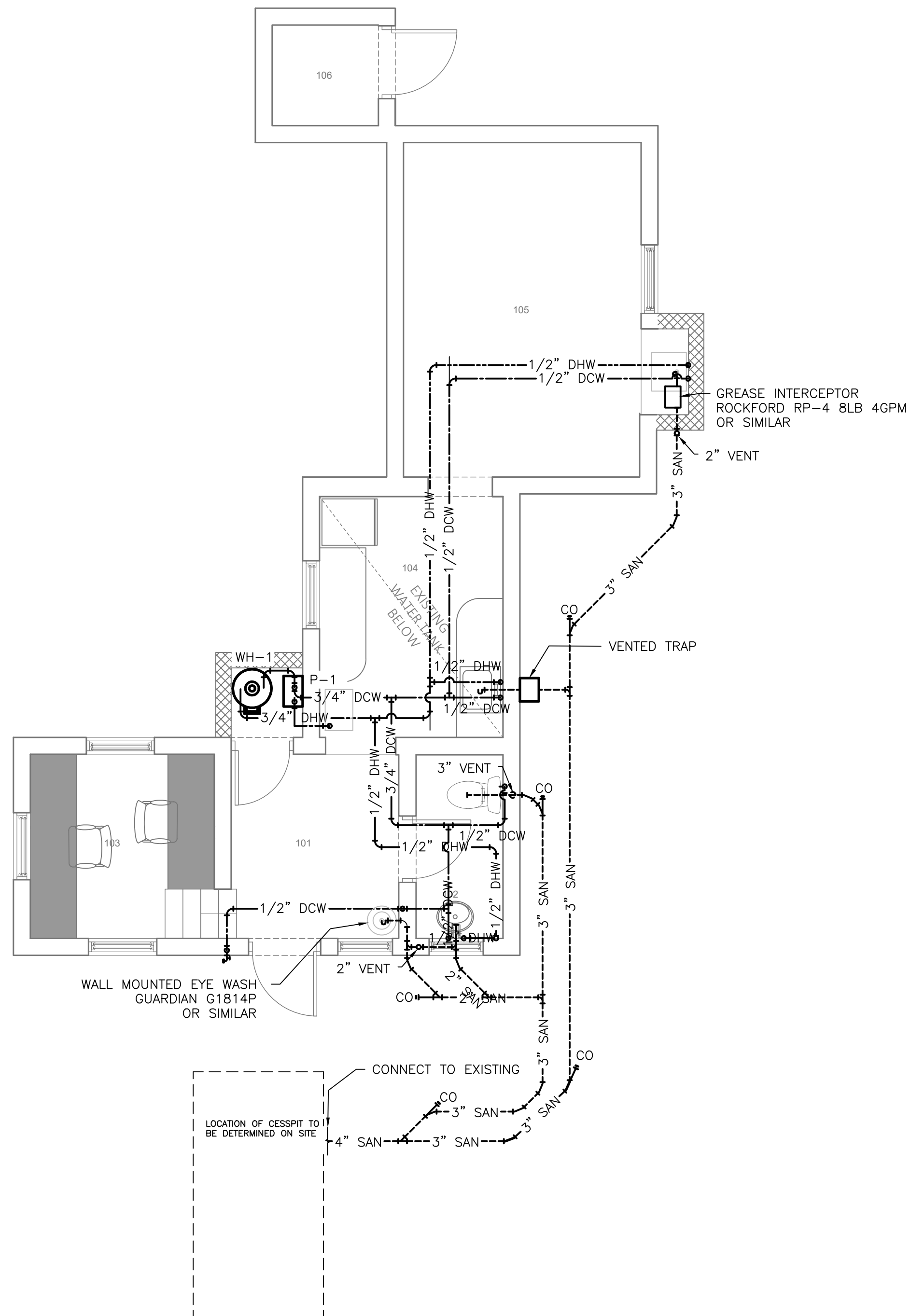
TITLE: SWING BRIDGE HOUSE RENOVATION PROPOSED HVAC LAYOUT

JOB NO	DRAWING NO	REVISION
250206	V200	0

**PROPOSED HVAC LAYOUT PLAN**

3/8" = 1'-0"





**GENERAL NOTES:**

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- ALL WORKS SHALL COMPLY WITH THE CURRENT BERMUDA BUILDING CODE & INTERNATIONAL PLUMBING CODE.
- EXISTING CESSPIT LOCATION TO BE DETERMINED ON SITE
- EXISTING CESSPIT TO BE EMPTED & FITTED WITH NEW CONCRETE TOP AND VENT
- NEW CESSPIT TOP TO BE INSTALLED AS PER THE BERMUDA BUILDING CODE
- EXISTING WATER TANK TO BE INSPECTED, CLEANED, FILLED WITH ONE TRUCK LOAD OF WATER
- NEW TANK LID TO BE INSTALLED
- NEW TANK SUCTION LINE TO BE INSTALLED TO NEW PUMP
- ALL EQUIPMENT TO BE OF EQUAL OR APPROVED SPECIFICATIONS
- ALL EXISTING CAST IRON PIPES TO BE DEMOLISHED & REPLACED WITH EQUIVALENT SCH 40 PVC PLUMBING PIPE

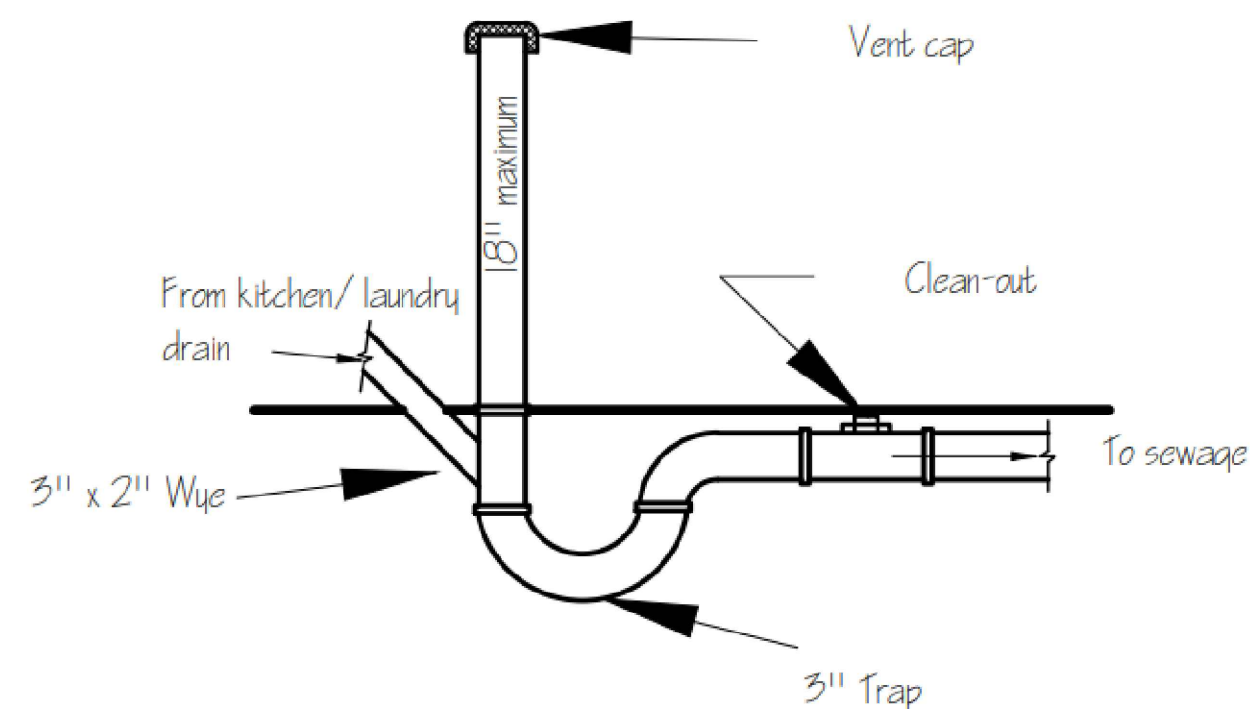
**PLUMBING NOTES**

- ALL DOMESTIC SUPPLY WATER TO RUN CEILING SPACE
- ALL DOMESTIC SUPPLY PIPES TO BE INSULATED
- EXISTING PRESSURE TANK AND PUMP TO BE DEMOLISHED
- EXISTING SUCTION LINE TO BE DISCONNECTED, CUTBACK, & CAPPED

PUMP LEGEND								
ID	MANUFACTURE	MODEL	ELECTRICAL V/Hz/Ph	HP	SUCTION	DISCHARGE	SUCTION LIFT	NOTE
P-1	DAB	ESYBOX MINI	115/60/1	1	1-1/4'	1'	26FT	

WATER HEATER LEGEND							
ID	MANUFACTURE	MODEL	ELECTRICAL V/Hz/Ph	GAL.s	ELEMENT	WATER CONNECTION	NOTE
WH	BRADFORD WHITE	RE330S6	120/60/1	30	2500W/2500W	3/4"	-

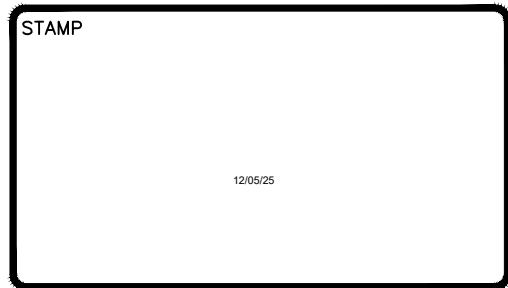
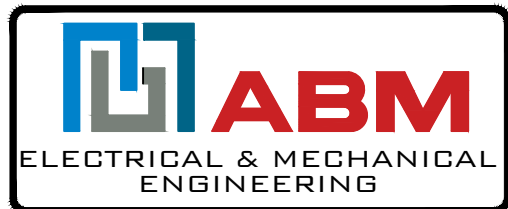
**VENTED TRAP DETAIL**



**P200**  
**PROPOSED PLUMBING LAYOUT PLAN**  
 1/4" = 1'-0"



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 Phone: (441)295-5151



#	APPR	DATE	ISSUED FOR
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2	ZJ	12/05/25	FOR PLANNING SUBMISSION
1	ZJ	15/04/25	FOR REVIEW

REV	DRWN	APPR	DATE	REVISION DESCRIPTION
1				
2				
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4				
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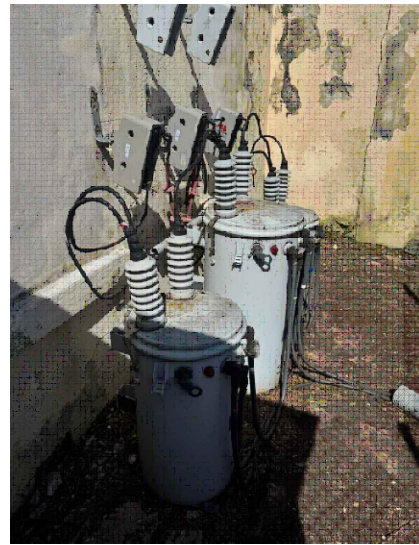
PROJECT ENGINEER	ZEEKO JOHNSTONE
ENGINEER	
DATE	8 ARP 2025
SCALE	-
DRAWN	ZJ
CHECKED	
APPROVED	ZEEKO JOHNSTONE
APPROVED	

PROJECT  
 SWING BRIDGE HOUSE  
 MULLET BAY RD.  
 HAMILTON BERMUDA  
 TITLE  
 SWING BRIDGE HOUSE  
 RENOVATION  
 PROPOSED PLUMBING LAYOUT

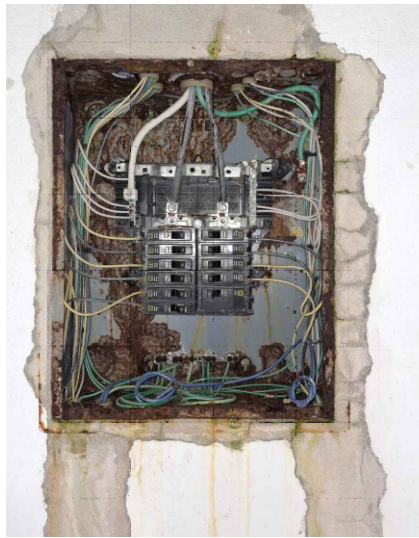
<b>250206</b>	<b>P200</b>	<b>0</b>
JOB NO	DRAWING NO	REVISION



EXISTING BRIDE DISCONNECT AND CONTROL WIRING



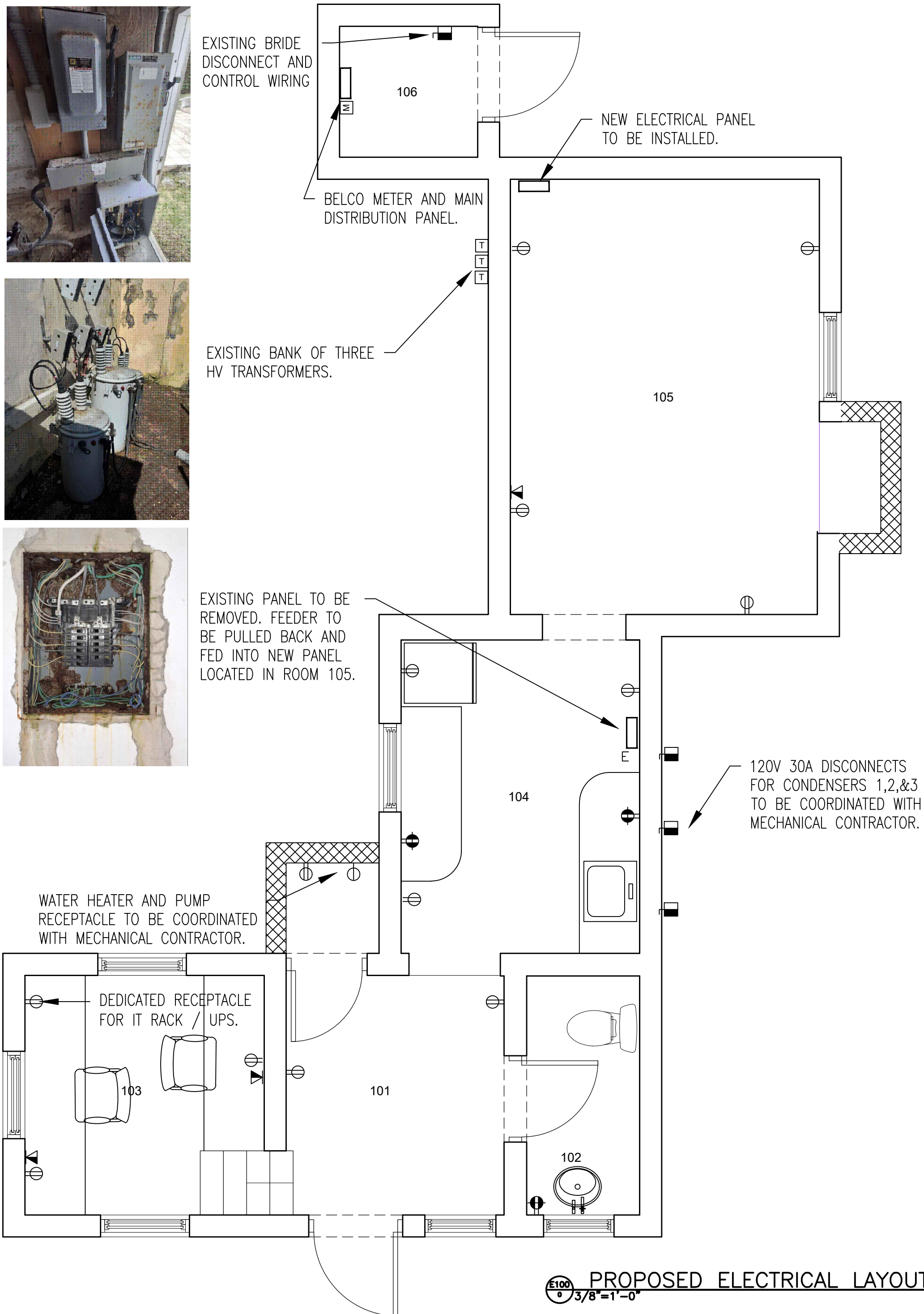
EXISTING BANK OF THREE HV TRANSFORMERS.



EXISTING PANEL TO BE REMOVED. FEEDER TO BE PULLED BACK AND FED INTO NEW PANEL LOCATED IN ROOM 105.

WATER HEATER AND PUMP RECEPTACLE TO BE COORDINATED WITH MECHANICAL CONTRACTOR.

DEDICATED RECEPTACLE FOR IT RACK / UPS.



ELECTRICAL NOTES:

- ANY DISCREPANCIES BETWEEN THIS DRAWING AND ANY SPECIFICATIONS, ARCHITECTURAL DRAWINGS, OR OTHER TRADES' DRAWINGS SHALL BE IMMEDIATELY REPORTED IN WRITING TO THE ARCHITECT AND ELECTRICAL ENGINEER VIA THE GENERAL CONTRACTOR.
- ALL WORKS SHALL COMPLY WITH THE CURRENT BERMUDA BUILDING CODE.
- ELECTRICAL INSTALLATION SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE LATEST EDITIONS OF NFPA 70 (ELECTRICAL CODE), NFPA 72 (FIRE ALARM CODE), AND NFPA 101 (LIFE SAFETY CODE).
- WIRING IN CLASSIFIED AREAS AS SHOWN ON DRAWING ARE TO COMPLY WITH NEC REQUIREMENTS OF CLASS 1 DIVISION 1 GROUP D LOCATIONS, INCLUDING CABLES, CONDUITS, FITTINGS, SEALS, BUSHINGS ETC.
- ALL ELECTRICAL MATERIALS AND EQUIPMENTS SHALL BE NEW, EXCEPT WHERE RE-USAGE OF EXISTING IS INDICATED BY ENGINEER, IS IN GOOD WORKING CONDITION AND IS MANUFACTURED TO STANDARD SPECIFICATIONS.
- ANY DISCREPANCIES BETWEEN DRAWINGS AND/OR SPECIFICATIONS AND EXISTING CONDITIONS, MUST BE REFERRED TO THE ENGINEER BEFORE ANY WORK IS BEGUN.
- CO-OPERATE AND CO-ORDINATE WITH OTHER TRADES IN LAYING OUT OF WORK SO AS NOT TO CONFLICT WITH WORK OF OTHER TRADES. CARRY OUT WORK PROMPTLY AS PER CONSTRUCTION SCHEDULE AND CO-ORDINATE WITH WORK OF OTHER TRADES.
- PROPER COORDINATION WITH MECHANICAL CONTRACTOR IS REQUIRED.

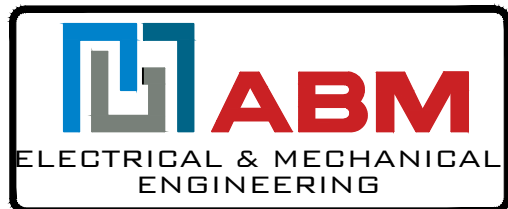
120V 30A DISCONNECTS FOR CONDENSERS 1,2,&3 TO BE COORDINATED WITH MECHANICAL CONTRACTOR.

**ELECTRICAL SYMBOLS LEGEND**

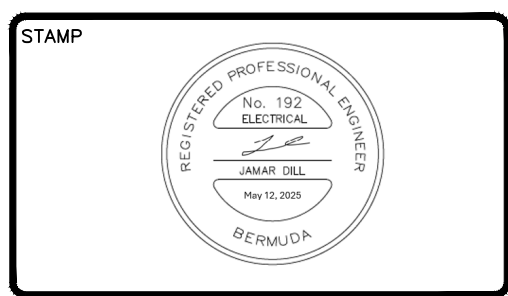
	120V DUPLEX RECEPTACLE		PULL STATION
	240V DUPLEX RECEPTACLE		WIRED SMOKE DETECTOR
	120V GFCI DUPLEX RECEPTACLE		WALL MOUNTED EMERGENCY LIGHT W/BATTERY
	120V ABOVE COUNTER DUPLEX RECEPTACLE		2-WAY LIGHT SWITCH
	120V GFCI ABOVE COUNTER DUPLEX RECEPTACLE		3-WAY LIGHT SWITCH
	120/240V 100A 42 CIRCUIT ELECTRICAL PANEL		WALL MOUNTED LED LIGHT
	FUSED DISCONNECT		TRANSFORMER
	BELCO METER		EXISTING
	SECURITY CAMERA		
	WALL MOUNTED TELEPHONE / DATA OUTLET		
	CEILING (SURFACE) MOUNTED LED LIGHT		
	WALL MOUNTED SECURITY LIGHT W/PHOTOCELL		

**E100** PROPOSED ELECTRICAL LAYOUT PLAN  
3/8"=1'-0"

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NORTH



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3			
2			
1	J.D	16/04/25	FOR REVIEW

REV	DRWN	APPR	DATE	REVISION	DESCRIPTION

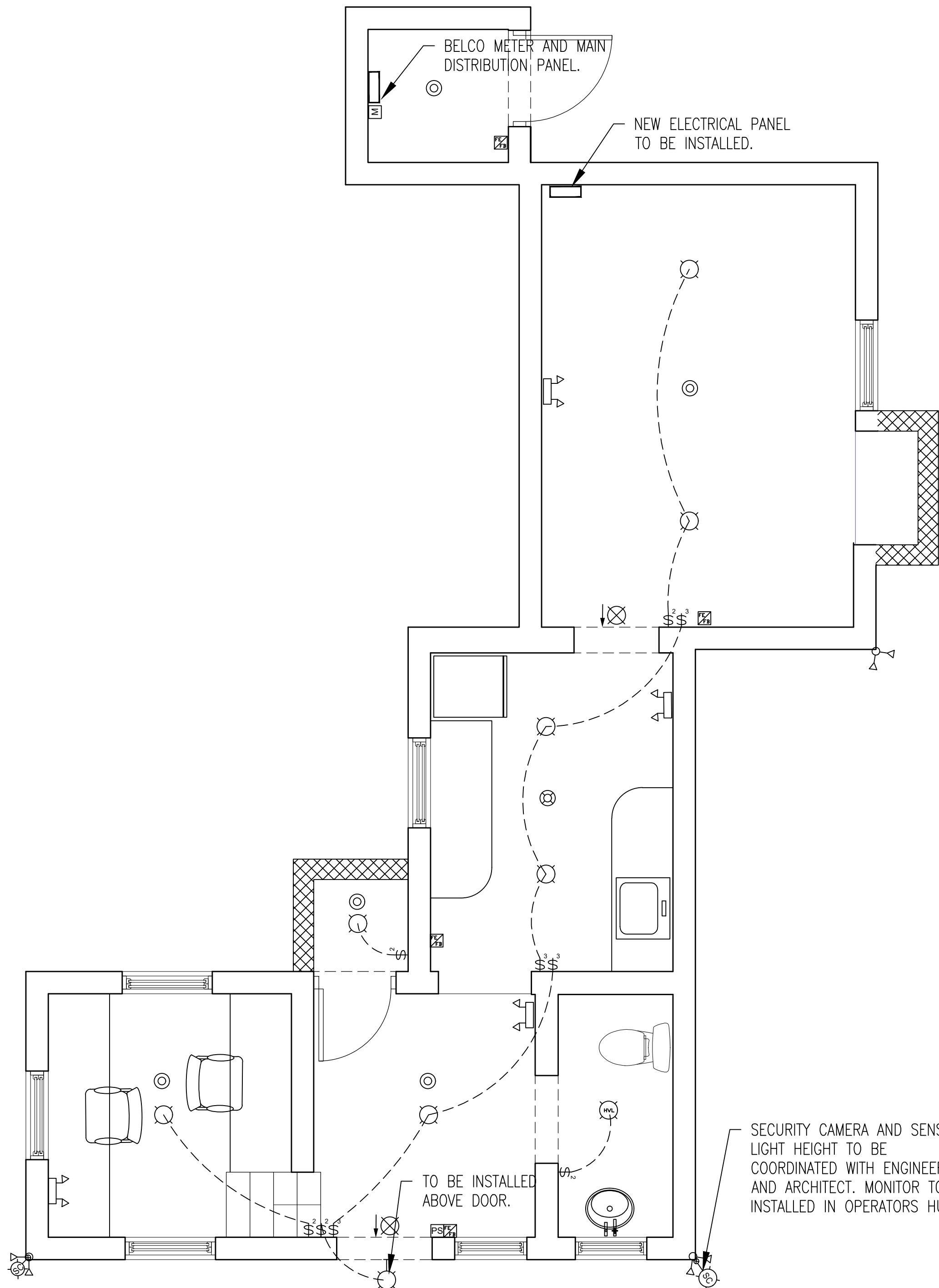
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PROJECT ENGINEER  
JAMAR DILL  
ENGINEER  
DATE: APRIL 16 2025  
SCALE: -  
DRAWN: JAMAR DILL  
CHECKED:  
APPROVED: JAMAR DILL  
APPROVED:

PROJECT  
SWING BRIDGE HOUSE  
MULLET BAY RD.  
HAMILTON BERMUDA  
TITLE  
SWING BRIDGE HOUSE  
RENOVATION  
PROPOSED ELECTRICAL LAYOUT

<b>250206</b>	<b>E100</b>	<b>2</b>
JOB NO	DRAWING NO	REVISION



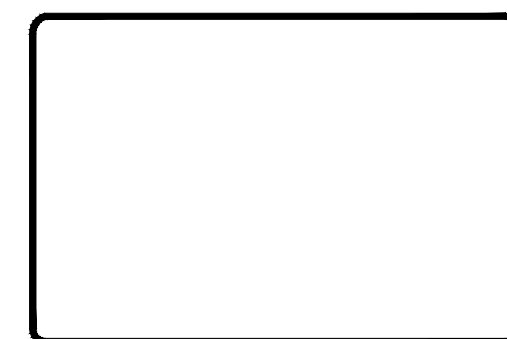


**ELECTRICAL NOTES:**

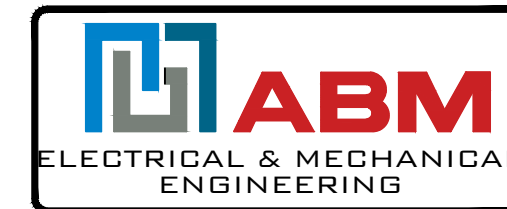
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- ALL WORKS SHALL COMPLY WITH THE CURRENT BERMUDA BUILDING CODE.
- ELECTRICAL INSTALLATION SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE LATEST EDITIONS OF NFPA 70 (ELECTRICAL CODE), NFPA 72 (FIRE ALARM CODE), AND NFPA 101 (LIFE SAFETY CODE).
- WIRING IN CLASSIFIED AREAS AS SHOWN ON DRAWING ARE TO COMPLY WITH NEC REQUIREMENTS OF CLASS 1 DIVISION 1 GROUP D LOCATIONS, INCLUDING CABLES, CONDUITS, FITTINGS, SEALS, BUSHINGS ETC.
- ALL ELECTRICAL MATERIALS AND EQUIPMENTS SHALL BE NEW, EXCEPT WHERE RE-USAGE OF EXISTING IS INDICATED BY ENGINEER, IS IN GOOD WORKING CONDITION AND IS MANUFACTURED TO STANDARD SPECIFICATIONS.
- ANY DISCREPANCIES BETWEEN DRAWINGS AND/OR SPECIFICATIONS AND EXISTING CONDITIONS, MUST BE REFERRED TO THE ENGINEER BEFORE ANY WORK IS BEGUN.
- CO-OPERATE AND CO-ORDINATE WITH OTHER TRADES IN LAYING OUT OF WORK SO AS NOT TO CONFLICT WITH WORK OF OTHER TRADES. CARRY OUT WORK PROMPTLY AS PER CONSTRUCTION SCHEDULE AND CO-ORDINATE WITH WORK OF OTHER TRADES.
- PROPER COORDINATION WITH MECHANICAL CONTRACTOR IS REQUIRED.

ELECTRICAL SYMBOLS LEGEND			
	120V DUPLEX RECEPTACLE		PULL STATION
	240V DUPLEX RECEPTACLE		WIRED SMOKE DETECTOR
	120V GFCI DUPLEX RECEPTACLE		WIRED HEAT DETECTOR
	120V ABOVE COUNTER DUPLEX RECEPTACLE		EXIT SIGN W/ DIRECTIONAL ARROW
	120V GFCI ABOVE COUNTER DUPLEX RECEPTACLE		WALL MOUNTED EMERGENCY LIGHT W/BATTERY
	120/240V 100A 42 CIRCUIT ELECTRICAL PANEL		2-WAY LIGHT SWITCH
	FUSED DISCONNECT		3-WAY LIGHT SWITCH
	BELCO METER		WALL MOUNTED LED LIGHT
	SECURITY CAMERA 360 DEGREE		TRANSFORMER
	WALL MOUNTED TELEPHONE / DATA OUTLET		EXISTING
	CEILING (SURFACE) MOUNTED LED LIGHT		CEILING (SURFACE) MOUNTED HEAT VENT LIGHT
	WALL MOUNTED SECURITY LIGHT W/PHOTOCCELL		FIRE EXTINGUISHER / FIRE BLANKET

**PROPOSED LIGHTING AND LIFE SAFETY LAYOUT PLAN**



ARCHITECT  
**THE MINISTRY OF WORKS AND ENGINEERING PARKS & HOUSING**  
 P.O. Box HM525 Hamilton HM CX Bermuda  
 Phone: (441)295-5151



NORTH



5				
4				
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1	JD	16/04/25	FOR REVIEW	
#	APPR	DATE	ISSUED FOR	

REV	DRWN	APPR	DATE	REVISION	DESCRIPTION

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PROJECT ENGINEER JAMAR DILL	
ENGINEER	
DATE	APRIL 16 2025
SCALE	-
DRAWN	JAMAR DILL
CHECKED	
APPROVED	JAMAR DILL
APPROVED	

PROJECT  
 SWING BRIDGE HOUSE  
 MULLET BAY RD.  
 HAMILTON BERMUDA

TITLE  
 SWING BRIDGE HOUSE  
 RENOVATION  
 PROPOSED LIGHTING AND LIFE SAFETY

<b>250206</b>	<b>E101</b>	<b>2</b>
JOB NO	DRAWING NO	REVISION