

File: J:\Drawings\19-160 Kawartha Lakes Police Service Bldg Renovation\3--Working Documents\M100 LEAD SHEET.dwg
September 03, 2021 - 11:16am Plotted by: wall

GENERAL NOTES - H.V.A.C

- ALL DRAWINGS ARE INTEGRATED WITH THE SPECIFICATIONS WHICH ACCOMPANY THEM. NEITHER IS TO BE USED ALONE, ANY ITEM OR SUBJECT OMITTED FROM ONE BUT IMPLIED IN THE OTHER IS FULLY AND PROPERLY REQUIRED. WHEREVER DIFFERENCE OCCURS, THE MOST ONEROUS CONDITION GOVERN.
- PENETRATIONS OF EITHER FIRE OR SMOKE BARRIER RESISTANT WALL, SHALL BE SLEEVED AND SEALED AGAINST THE PASSAGE OF FLAME OR SMOKE WITH SUITABLE NON-COMBUSTIBLE MATERIALS EQUAL TO THE CONSTRUCTION TO BE PENETRATED.
- CONTRACTOR TO VERIFY ALL CEILING FINISHES WITH ARCHITECTURAL DRAWINGS. CONTRACTOR AND DIFFUSER/GRILLE SUPPLIER ARE RESPONSIBLE TO PROVIDE ALL PLASTER AND FINISHING FRAMES, MOUNTING HARDWARE AND ACCESSORIES TO SUIT ARCHITECTURAL CEILING TYPES. MECHANICAL CONTRACTOR SHALL CO-ORDINATE AND PROVIDE DETAILS OF MOUNTING REQUIREMENTS OF DIFFUSERS AND GRILLES IN DRYWALL CEILINGS TO DRYWALL TRADE AND ENSURE EDGES OF OPENINGS ARE FRAMED BY DRYWALL TRADE TO SUPPORT DIFFUSERS AND GRILLES PROPERLY. DIFFUSERS AND GRILLES MUST NOT BE SUPPORTED SOLELY BY HANGER WIRES.
- THE CONTRACTOR WILL HAVE ROOF PENETRATIONS MADE AND SEALED BY AN APPROVED ROOFING CONTRACTOR IN ACCORDANCE WITH ARCHITECTURAL SPECIFICATIONS. ROOF STRUCTURE SHALL BE REINFORCED ACCORDINGLY, AS PER STRUCTURAL DRAWINGS AT EACH LOCATION OF ROOF TOP MECHANICAL EQUIPMENT INSTALLATION SUCH AS: EXHAUST FANS, CONDENSING UNITS.
- PENETRATIONS OF CONCRETE SHALL BE SAW-CUT OR CORE CORED. IMPACT HAMMERS ARE NOT ALLOWED. SEAL ALL DUCTWORK AND SLEEVES TO PREVENT LEAKAGE THROUGH FLOOR.
- CONTRACTOR IS TO CO-ORDINATE ALL CEILING FINISHES WITH ARCHITECTURAL DRAWINGS. CONTRACTOR WILL REVIEW MECHANICAL DRAWINGS, ARCHITECTURAL REFLECTED CEILING PLANS AND ARCHITECTURAL ROOM FINISH SCHEDULES AS SOON AS CONTRACT DOCUMENTS ARE SIGNED. ADVISE CONSULTANT OF ANY CONFLICTS BETWEEN CEILING TYPE AND DIFFUSER/GRILLE TYPE.
- MECHANICAL DIVISION 2-14 AND ELECTRICAL TRADES SHALL WORK IN CONJUNCTION WITH ONE ANOTHER SO AS TO AVOID INTERFERENCES BETWEEN PIPING, DUCTWORK, CONDUIT, LIGHTING FIXTURES, ETC.
- WORK SHALL BE CO-ORDINATED THROUGH THE GENERAL CONTRACTOR PRIOR TO INSTALLATION OF ANY EQUIPMENT, DUCTWORK AND CONTROLS. CO-ORDINATE WITH ARCHITECTURAL ELEVATIONS FOR ARCHITECTURAL, MECHANICAL AND ELECTRICAL ALLOCATIONS.
- PROPERLY SUPPORT CEILING MOUNTED EQUIPMENT AND ANY OTHER EQUIPMENT INDEPENDENT OF CEILING SUPPORT SYSTEM. REFER TO ARCHITECTURAL DETAILS AND CO-ORDINATE WITH STRUCTURAL TRADES.
- REFER TO ARCHITECTURAL FOR OWNER SUPPLIED EQUIPMENT. CONFIRM ALL MECHANIC REQUIREMENTS AND PROVIDE TO SUIT.
- REVIEW ARCHITECTURAL, ELECTRICAL, AND STRUCTURAL DRAWINGS AND PROVIDE ON SITE INSPECTION TO DETERMINE FULL EXTENT OF PROJECT PRIOR TO SUBMITTING BID.
- AVOID ANY DIRECT CONTACT BETWEEN ANY PIPING, DUCTING AND ELECTRICAL CONDUIT SYSTEMS TO PREVENT SOUND TRANSMISSION.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CO-ORDINATION OF GRILLES, DIFFUSERS AND OTHER ELEMENTS.
- CONTRACTOR TO INCLUDE ALL REQUIRED AIR AND WATER BALANCING.
- DO NOT SCALE DRAWINGS FOR INSTALLATION PURPOSES. OBTAIN ALL DIMENSIONS FROM MANUFACTURERS SHOP DRAWINGS AND ON SITE INSPECTIONS.
- ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH CODES, AMENDMENTS, BULLETINS ETC AND REQUIREMENTS OF ALL INSPECTION AUTHORITIES FOR THE CITY OF LONDON.
- ALL RETURN FANS, EXHAUST FANS AND SUPPLY FANS TO BE SUSPENDED FROM STRUCTURE WITH VIBRATION ISOLATION AND FLEXIBLE DUCT CONNECTIONS.
- MECHANICAL AND ELECTRICAL SYSTEMS SHOWN ON DEMOLITION PLANS ARE BASED ON INFORMATION OBTAINED FROM ORIGINAL CONSTRUCTION CONTRACT/TENDER DOCUMENTS. THESE DRAWINGS ARE NOT BASED ON AS-BUILT RECORD OR ON EXHAUSTIVE FIELD MEASUREMENT AND ARE PROVIDED TO ASSIST THE CONTRACTOR IN DETERMINING THE EXTENT OF WORK REQUIRED. THE CONTRACTOR SHALL MAKE ALLOWANCES IN THEIR TENDER PRICE FOR THE REMOVAL OF ADDITIONAL ABANDONED SERVICES AND THE PROTECTION OF EXISTING SERVICES THAT MUST REMAIN. RECORD THE LOCATION OF ALL EXISTING SERVICES THAT REMAIN ON AS-BUILT RECORD DRAWINGS.
- ALL ITEMS REMAIN THE PROPERTY OF THE OWNER AND SHALL BE DELIVERED TO A LOCATION ON SITE DESIGNATED BY THE OWNER. IF THE OWNER DECLARES NO INTEREST IN THE REMOVED ITEMS, ASSUME OWNERSHIP AND REMOVE THE ITEMS FROM THE SITE. ALL DUCTLESS SPLIT SYSTEMS NOT TO BE REUSED ARE TO BE TURNED OVER TO THE OWNER.
- REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASING AND STAGING. MECHANICAL AND ELECTRICAL PHASING AND SEQUENCING SPECIFICATION MUST REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- AIR BLANCE TECHNICIAN TO TAKE ALL MEASUREMENTS NECESSARY TO DETERMINE CURRENT SYSTEM PERFORMANCE IN AREAS THAT WILL CONTINUE TO BE SERVED BY EXISTING/REPLACEMENT/NEW AIR HANDLING EQUIPMENT AND HYDRONIC SYSTEMS, AND SHALL REPORT ALL MEASUREMENTS PRIOR TO START OF DEMOLITION. ON COMPLETION OF AIR HANDLING UNIT REPLACEMENTS, DUCT ALTERATIONS, HYDRONIC SYSTEMS AND HYDRONIC EQUIPMENT, BALANCE TECHNICIAN SHALL REBALANCE ALL EXISTING SYSTEMS TO DELIVER FIRE-CONSTRUCTION FLOWS AS INDICATED ON THE DRAWINGS.
- ALL EXISTING AIR HANDLING UNIT FILTERS ARE TO BE MONITORED CLOSELY DURING DEMOLITION AND CONSTRUCTION PERIOD. EXISTING AIR HANDLING UNITS TO HAVE ONE CHANGE OF FILTERS DURING CONSTRUCTION AND NEW AT END OF CONSTRUCTION.
- CONTRACTOR SHALL START DEMOLITION AND REMOVAL OF MECHANICAL EQUIPMENT IN ACCORDANCE WITH ARCHITECTURAL PHASING AND STAGING DRAWINGS.
- DISCONNECT AND MAKE SAFE ALL MECHANICAL AND ELECTRICAL SERVICES REQUIRED TO BE REMOVED.
- REMOVE AND DISPOSE OFFSITE EXISTING MECHANICAL EQUIPMENT REQUIRED TO BE REMOVED, ALONG WITH ALL DEDICATED ACCESSORIES.
- CONTRACTOR SHALL REPAIR THE WALLS AND FLOORS AFFECTED BY THIS CONTRACT TO MATCH EXISTING.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CO-ORDINATION OR GRILLES, DIFFUSERS, SPRINKLERS AND OTHER ELEMENTS INCLUDING PATIENT LIFTS.
- IN ALL INSTANCES THE NEED FOR ACCESS DOORS IN GYPSUM BOARD CEILINGS SHOULD BE AVOIDED IF POSSIBLE. WHERE INSTALLATION OF COMPONENTS WHICH REQUIRE ACCESS CANNOT BE AVOIDED, SUBMIT (DIMENSIONED) LAYOUT ON ARCHITECTURAL REFLECTED CEILING PLANS TO CONSULTANTS PRIOR TO START OF WORK.
- ALL CONNECTIONS TO EXISTING SERVICES TO BE DONE IN OFF HOURS. CONTRACTOR SHALL SUBMIT A SCHEDULE FOR REVIEW WITH OWNER AND CONSULTANTS PRIOR TO START OF WORK.
- CONTRACTORS TO VISIT THE SITE AND BECOME FULLY FAMILIAR WITH EXTENT OF THE WORK PRIOR TO TENDER CLOSING.
- ALL DISTURBED SURFACES AFTER PIPE AND DUCT REMOVAL TO BE FILLED IN WITH APPROPRIATE MATERIALS TO MAINTAIN FIRE SEPARATION AND PATCH TO MATCH EXISTING OR NEW.
- CO-ORDINATE LOCATION OF NEW PIPING WITH EXISTING OR NEW SERVICES (PIPING, DUCTWORK, ELECTRICAL CONDUITS, LIGHTS AND BUILDING STRUCTURE). IF REQUIRED REMOVE EXISTING SERVICES AND REINSTALL. TEST SERVICES AFTER WORK IN COMPLETED.
- ALL PIPES CONNECTED TO EQUIPMENT SHALL BE PROVIDED WITH SHUT-OFF VALVES SO ISOLATE EQUIPMENT FOR MAINTENANCE.
- EXISTING MECHANICAL SERVICES SHOWN ON THESE DRAWINGS WERE TAKEN FROM THE ORIGINAL CONTRACT DRAWINGS. THE CONTRACTOR SHALL VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING SERVICES ON SITE AND SHALL REMOVE ALL REDUNDANT SERVICES IN THE AREAS OF CONSTRUCTION.

GENERAL DEMOLITION NOTES

- CONTRACTOR IS TO ENSURE THAT ALL EXISTING SERVICES SERVING EXITING AREAS REMAIN IN SERVICE UNTIL THESE AREAS ARE RECONNECTED TO NEW SERVICES. ONLY THEN OBSOLETE EQUIPMENT AND SYSTEMS IS TO BE REMOVED AS SHOWN.
- ALL DISTURBED SURFACES AFTER EQUIPMENT AND SYSTEMS REMOVAL OR REROUTING TO BE FILLED-IN WITH APPROPRIATE MATERIAL TO MAINTAIN FIRE SEPARATION AND PATCHED TO MATCH EXISTING OR NEW.
- CONTRACTOR IS TO ENSURE THAT ALL EXISTING REMOVED FIXTURES AND EQUIPMENT REMAIN THE PROPERTY OF THE OWNER, UNLESS DIRECTED FOR DISPOSAL AT THE OWNERS DISCRETION. COST OF REMOVAL AND DISPOSAL TO BE INCLUDED IN CONTRACT.
- CHECK AND VERIFY LOCATION OF ALL EXISTING PIPES, DUCTS AND EQUIPMENT AND COORDINATE WITH THE NEW PIPING, DUCTWORK, ETC. WITH ALL OTHER TRADES TO PREVENT INTERFERENCE AND ENSURE THE EXTENT OF THE REMOVAL CONSIDERS THE NEW/COMPLETE WORK. REMOVAL OR RELOCATION OF ANY SUCH WORK INTERFERING WITH WORK OF OTHER TRADES IS THE RESPONSIBILITY OF THE MECHANICAL TRADE CONCERNED UNLESS OTHERWISE APPROVED IN WRITING.
- DUE TO INCONSISTENT RECORDS OF EXISTING SERVICES NOT ALL PIPING / DUCTWORK MAY BE SHOWN, OR IF SHOWN MAY NOT BE ACCURATE. IT IS RESPONSIBILITY OF THE CONTRACTOR TO FIELD CONFIRM ALL SERVICES.
- ALL DRAWINGS ARE INTEGRATED WITH THE SPECIFICATIONS WHICH ACCOMPANY THEM. NEITHER IS TO BE USED ALONE. ANY ITEM OR SUBJECT OMITTED FROM ONE BUT IMPLIED IN THE OTHER IS FULLY AND PROPERLY REQUIRED. WHEREVER DIFFERENCE OCCURS, THE MOST ONEROUS CONDITION GOVERNS.
- ALL WORK SHALL BE IN ACCORDANCE WITH CODES, AMENDMENTS, BULLETINS ETC. AND REQUIREMENTS OF ALL INSPECTION AUTHORITIES FOR THE CITY OF LONDON.
- EX** INDICATES EXISTING AIR OUTLET. **EXE**-EXISTING EXHAUST, **EXM** EXS-EXISTING SUPPLY, **EXR**-EXISTING RETURN

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
EX	DENOTES EXISTING
-----	DOMESTIC COLD WATER PIPING
-----	DOMESTIC HOT WATER PIPING
-----	DOMESTIC HOT WATER RECIRC. PIPING
---V---	PLUMBING VENT PIPING
----	SANITARY PIPING ABOVE FLOOR
----	SANITARY PIPING BELOW GRADE OR FLOOR
-----	FIXTURE DRAIN OUTLET WITH TRAP
-----S-----	STORM PIPING ABOVE FLOOR
-----S-----	STORM PIPING BELOW GRADE OR FLOOR
-----G-----	NATURAL GAS PIPING
-----A-----	ABANDONED PIPING
-----CAP	CAPPED PIPE
-----CO	CLEANOUT IN FLOOR
-----CO	CLEANOUT IN LINE OR STACK
-----W	WATER METER
-----G	GAS METER
-----HB	HOSE BIBB c/w VACUUM BREAKER
-----	THROTTLING/BALANCING VALVE
-----R-----	RESILIENT SEAT CHECK VALVE
-----R-----	CHECK VALVE c/w BALL DRIP VALVE
-----TMV	TEMPERATURE MIXING VALVE
-----	TEMPERATURE & PRESSURE RELIEF VALVE
-----	NATURAL GAS PLUG VALVE
-----PRV	PRESSURE REDUCING VALVE (WATER)

NOTE: NOT ALL SYMBOLS USED ON THIS PROJECT

PLUMBING DEMOLITION NOTES:

- THE PLUMBING CONTRACTOR SHALL REMOVE ALL PLUMBING FIXTURES, CARRIERS, TRIM, ACCESSORIES, EQUIPMENT, FLOOR DRAINS AND PIPING AS SHOWN OR INDICATED ON THE DRAWINGS.
- ALL PIPING TO BE REMOVED SHALL BE REMOVED COMPLETELY OR AS OTHERWISE SHOWN OR INDICATED ON DRAWINGS. ALL PIPE HANGERS, SLEEVES, RISER CLAMPS, ETC. SHALL BE REMOVED COMPLETELY WITH PIPING. NO EXISTING HANGER SYSTEMS SHALL BE REUSED FOR NEW PIPING.
- ALL PIPING TO BE REMOVED SHALL BE REMOVED TO BELOW FLOOR, ABOVE CEILING OR IN WALLS BACK TO MANS OR SHUT OFF VALVES AT MAINS AND PROPERLY CAPPED PER CODE WITHOUT LEAVING DEAD ENDED PIPING.
- NO EQUIPMENT OR DEVICES THAT HAVE BEEN DISCONNECTED AND OR ABANDONED SHALL REMAIN.
- ALL EXISTING PIPING AND EQUIPMENT SHOWN HAS BEEN TAKEN FROM THE BEST AVAILABLE EXISTING INFORMATION. THE DRAWINGS ARE DIAGRAMMATIC AND ALL FIXTURES, PIPING, AND DEVICES MAY NOT BE SHOWN. THE INTENT OF THESE DRAWINGS IS THAT IN ALL AREAS OF RENOVATION THAT THEY ARE REMOVED, WHETHER OR NOT SHOWN.
- THE PLUMBING CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING SYSTEMS AND CONDITIONS IN AREAS OF RENOVATION.
- THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR ANY AND ALL PHASING OF THE PLUMBING DEMOLITION WORK IN ORDER TO SATISFY THE CONSTRUCTION SCHEDULE.
- ANY FIXTURE OR EQUIPMENT TO BE REMOVED AND REUSED OR TURNED OVER TO THE OWNER, AT OWNERS REQUEST, OR AS INDICATED ON THE DRAWINGS SHALL BE CAREFULLY REMOVED AND STORED TO PREVENT DAMAGE.
- THE PLUMBING CONTRACTOR SHALL ALSO REVIEW THE ARCHITECTURAL DEMOLITION DRAWINGS AS PART OF THIS CONTRACT FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- ALL SERVICE INTERRUPTIONS SHALL BE COORDINATED AND APPROVED WITH THE OWNER IN ADVANCE PRIOR TO COMMENCEMENT OF ANY WORK.
- THE PLUMBING CONTRACTOR SHALL COORDINATE HIS DEMOLITION WORK WITH THAT OF OTHER TRADES IN ORDER TO AVOID CONFLICTS.

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
-----	POSITIVE PRESSURE (SUPPLY) DUCT UP
-----	POSITIVE PRESSURE (SUPPLY) DUCT UP
-----	NEGATIVE PRESSURE (RETURN) DUCT UP
-----	POSITIVE PRESSURE (SUPPLY) DUCT DOWN
-----	POSITIVE PRESSURE (SUPPLY) DUCT DOWN
-----	NEGATIVE PRESSURE (RETURN) DUCT DOWN
-----	EXISTING DUCTWORK TO BE REMOVED
-----	EXISTING DUCTWORK TO REMAIN
-----	NEW DUCTWORK
-----	CROSSHATCHING ON DUCTWORK INDICATES ACOUSTICALLY INTERNALLY LINED DUCTWORK
-----	SUPPLY AIR DIFFUSER (SQUARE)
-----	SUPPLY AIR DIFFUSER (LAMINAR FLOW)
-----	RETURN/EXHAUST GRILLE
-----	LINEAR SUPPLY/RETURN DIFFUSER
-----	SIDEWALL/DUCT MOUNTED SUPPLY GRILLE
-----	SHADING INDICATES DIFFUSER TO HAVE BLANK OFF PANEL
-----	FULL RADIUS DUCT CONNECTION
-----	TAP-IN DUCT CONNECTION
-----	ROUND DUCT CONNECTION
-----	TURNING VANES
FD	FIRE DAMPER
BDD	BACK DRAFT DAMPER (GRAVITY)
BD	BALANCING DAMPER
①	THERMOSTAT
Ⓢ	SENSOR
CAP	CAP SERVICE

NOTE: NOT ALL SYMBOLS USED ON THIS PROJECT

MECHANICAL DRAWING LIST

M100 MECHANICAL DRAWING LIST, LEGENDS AND NOTES

M200 NOT USED

M300 ENLARGED FLOOR PLAN - NEW PLUMBING

M400 ENLARGED FLOOR PLAN - PIPING DEMOLITION

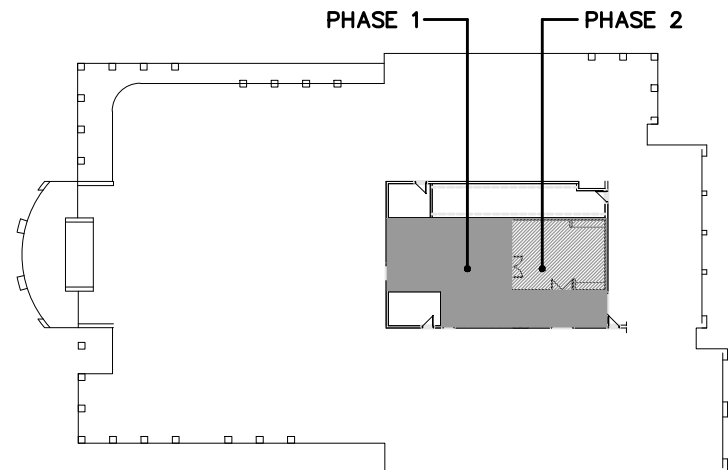
M401 ENLARGED FLOOR PLAN - HVAC DEMOLITION

M500 ENLARGED FLOOR PLAN - PIPING NEW

M501 ENLARGED FLOOR PLAN - HVAC NEW

M600 MECHANICAL SCHEDULES AND DETAILS

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KEY PLAN

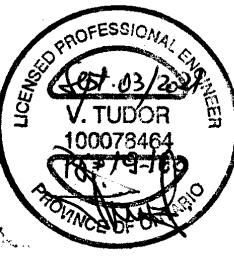
LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
-----EX-----	EXISTING PIPING TO BE REMOVED
-----EX(NAME)-----	EXISTING PIPING TO REMAIN
-----HWS-----	HOT WATER HEATING SUPPLY
-----HWR-----	HOT WATER HEATING RETURN
-----RS-----	REFRIGERANT SUCTION
-----RL-----	REFRIGERANT LIQUID
-----O-----	PIPING RISER UP
-----D-----	PIPING DROP
-----	PIPING RISER UP & DOWN
-----	PIPING BOTTOM TAKE-OFF
-----	REDUCER
-----	UNION
-----	FLANGE
-----	TEE
-----CTE-----	CONNECT TO EXISTING
-----	FLEXIBLE CONNECTION
-----	EXPANSION JOINT C/W PIPE GUIDES
-----X-----	ANCHOR
-----	INLINE PUMP
-----	ISOLATING (SHUT-OFF) VALVE
-----CBV-----	CIRCUIT BALANCING VALVE
-----	2-WAY CONTROL VALVE
-----	3-WAY CONTROL VALVE
-----	CHECK (FLOW CONTROL)
-----	STRAINER
-----	MANUAL AIR VENT
-----	AUTOMATIC AIR VENT

NOTE: NOT ALL SYMBOLS USED ON THIS PROJECT

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Scale:



Project:

KAWARTHA LAKES
POLICE SERVICE
BUILDING RENOVATIONS

Drawing Title:

MECHANICAL
DRAWING LIST,
LEGENDS AND
NOTES

Drawn By:

ND/RR

Checked By:

VT

Date:

JUNE 18, 2020

Scale:

N.T.S.

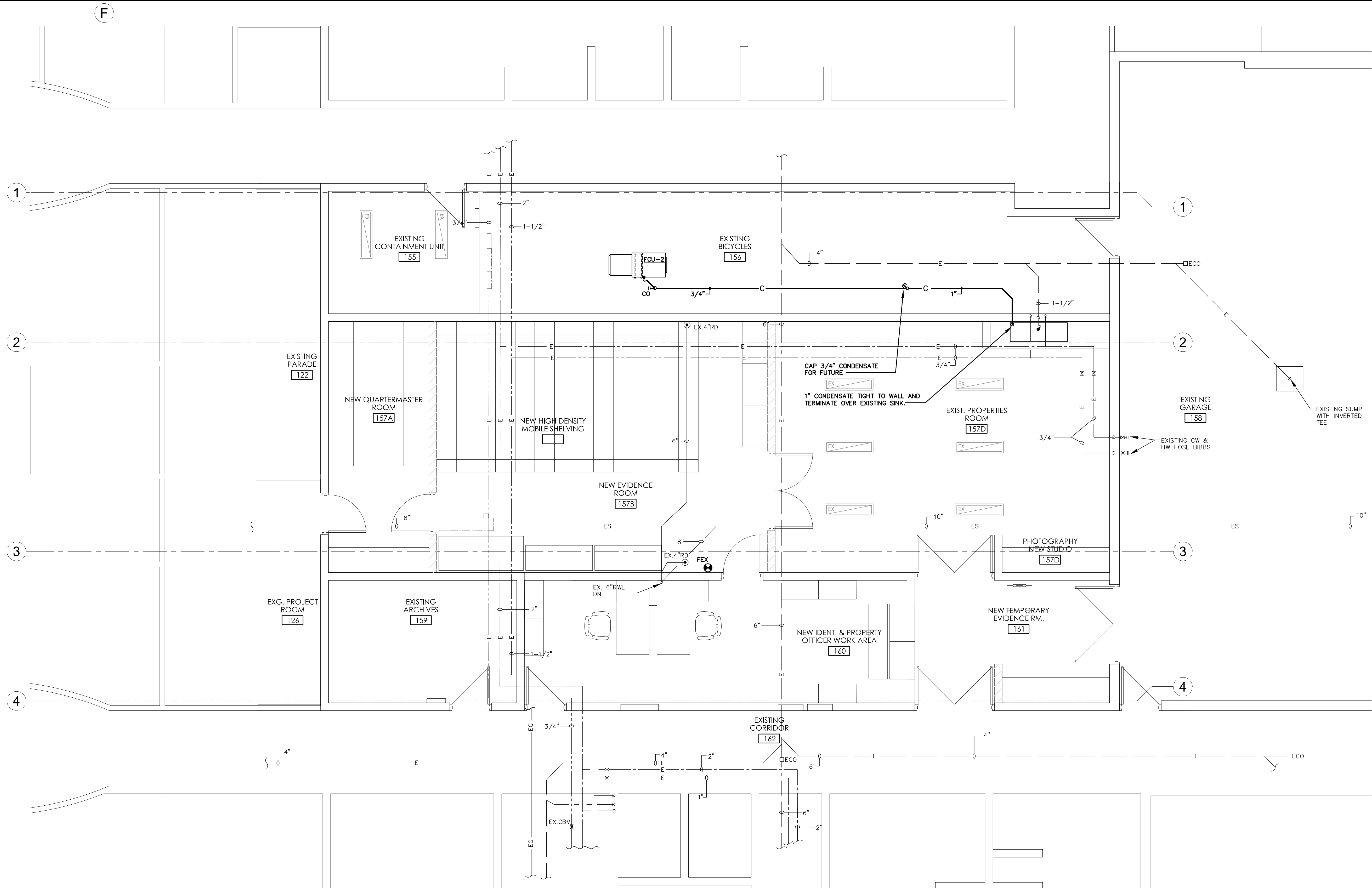
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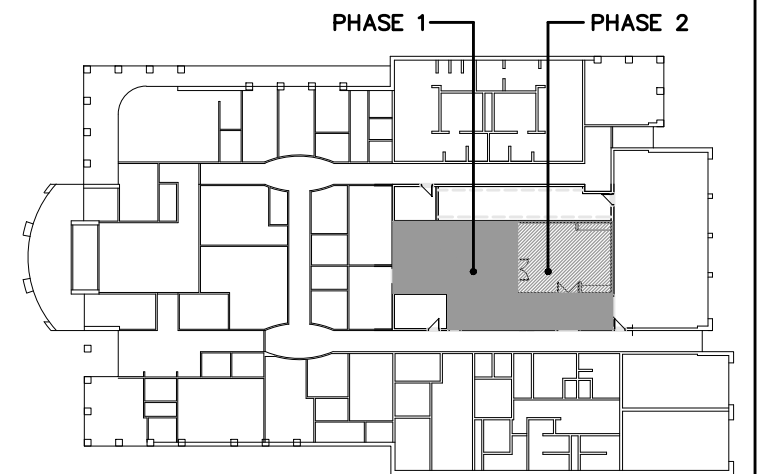
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M100

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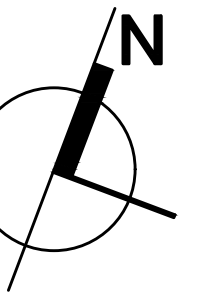
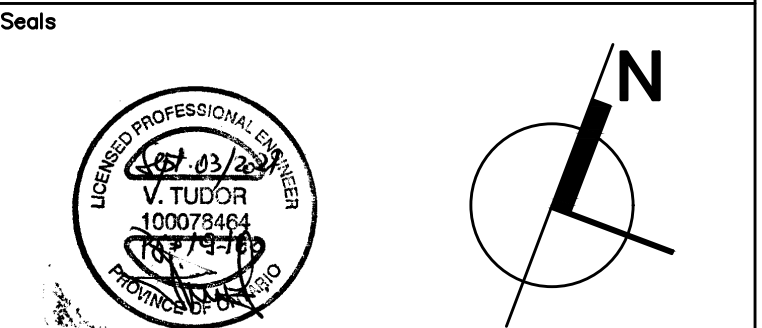


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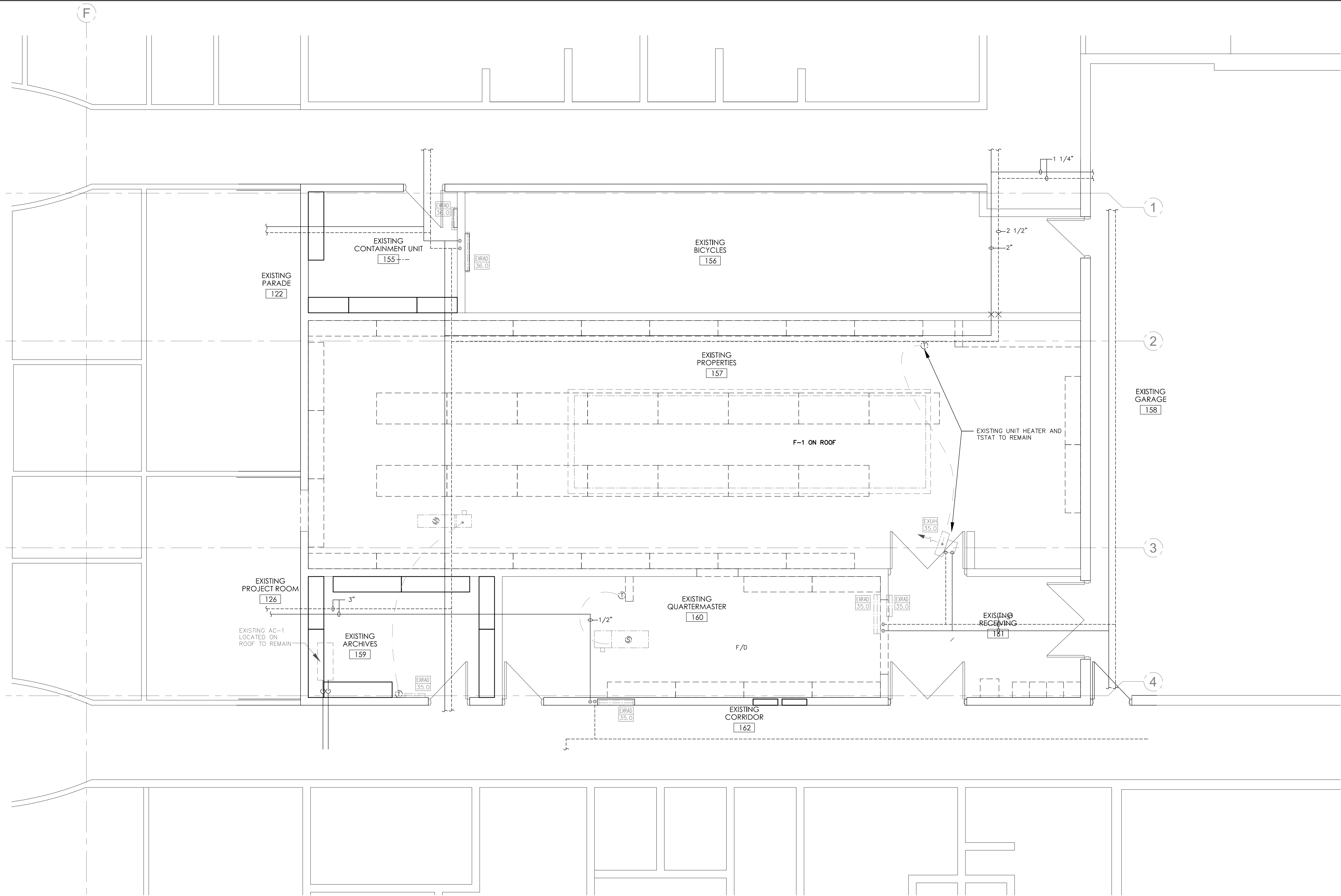
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2	Issued for Tender	05/04/2020	VT
1	Issued for Costing	03/10/2020	VT
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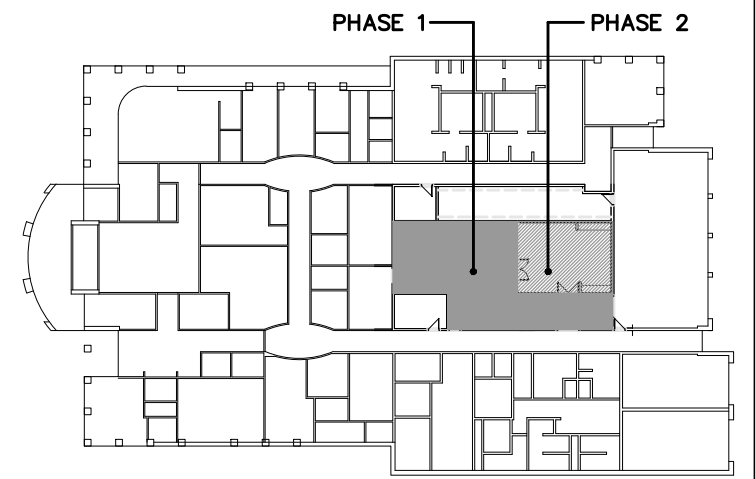
Project:
**KAWARTHA LAKES
POLICE SERVICE
BUILDING RENOVATIONS**

Drawing Title:
**ENLARGED FLOOR
PLAN: NEW
PLUMBING**

Drawn By: CS	Checked By: VT
Date: JUNE 18, 2020	Scale: 1/4" = 1'-0"
Project Number: VR-19-160	Drawing No.: M300



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Project:
**KAWARTHA LAKES
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Drawing Title:
**ENLARGED FLOOR
PLAN: PIPING
DEMOLITION**

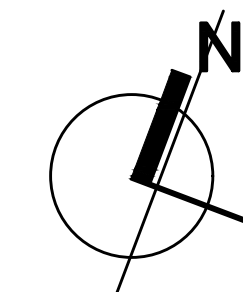
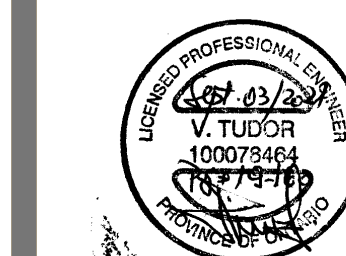
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KAWARTHA LAKES
POLICE SERVICE
BUILDING RENOVATIONS

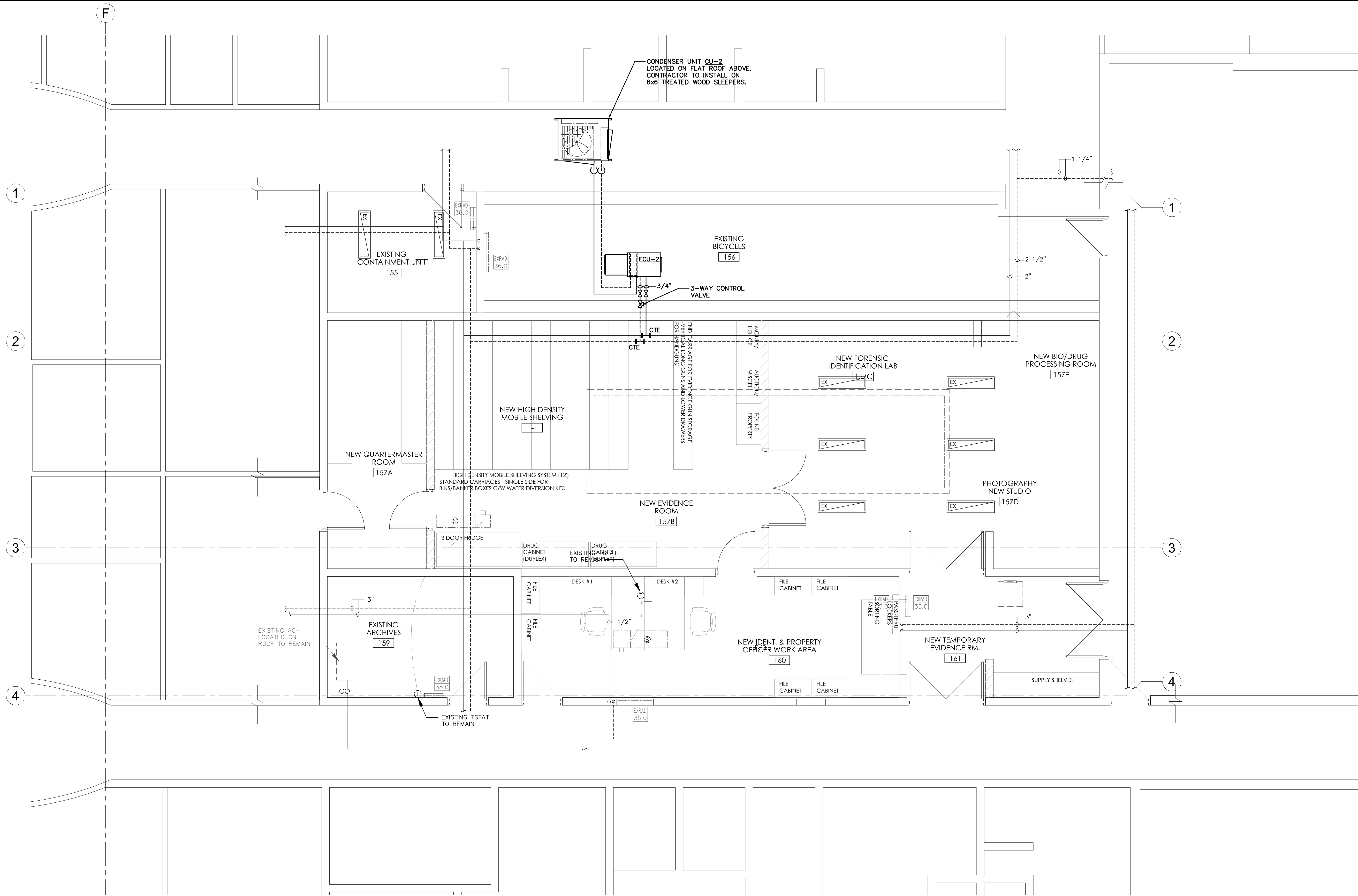
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ENLARGED FLOOR
PLAN: HVAC
DEMOLITION

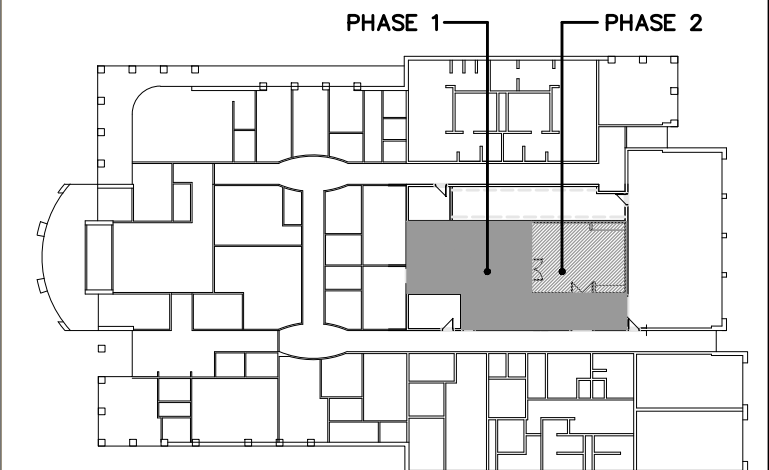
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ORIGINAL SHEET - ARCH D



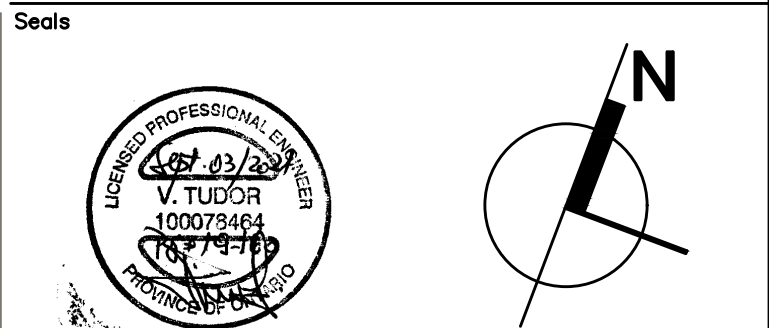
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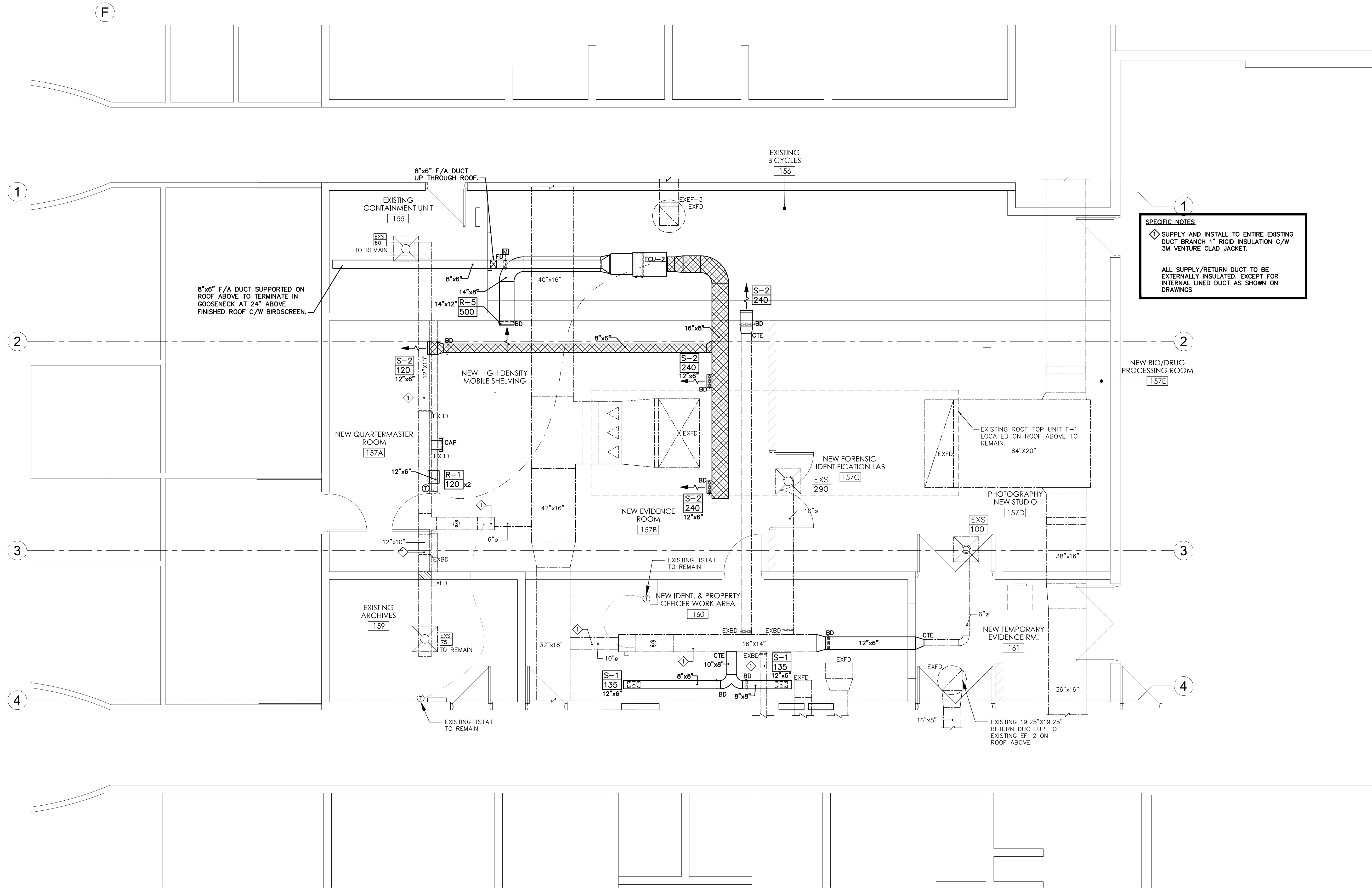
Project:
**KAWARTHA LAKES
POLICE SERVICE
BUILDING RENOVATIONS**

Drawing Title:
**ENLARGED FLOOR
PLAN: PIPING NEW**

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ORIGINAL SHEET - ARCH D

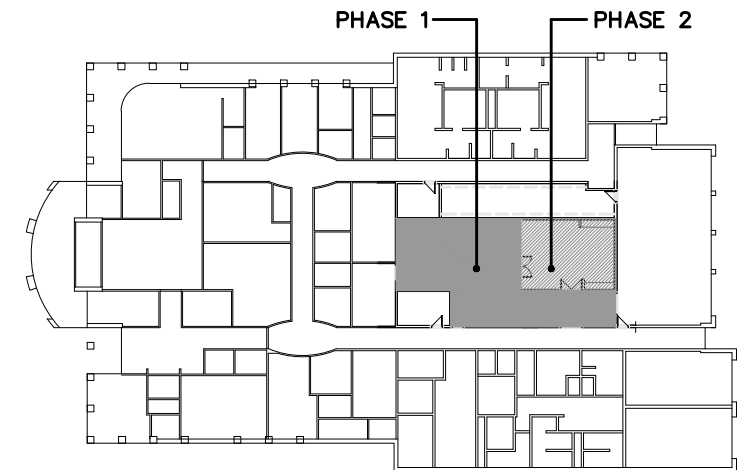


SPECIFIC NOTES

◇ SUPPLY AND INSTALL TO ENTIRE EXISTING DUCT BRANCH 1\" RIGID INSULATION C/W 3M VENTURE CLAD JACKET.

ALL SUPPLY/RETURN DUCT TO BE EXTERNALLY INSULATED, EXCEPT FOR INTERNAL LINED DUCT AS SHOWN ON DRAWINGS

REVIEW ALL DRAWINGS AND VERIFY ALL DIMENSIONS AT THE SITE. DO NOT SCALE THE DRAWINGS. REPORT ALL DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH ANY CONSTRUCTION OR SHOP FABRICATION. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF VANDERWESTEN & RUTHERFORD ASSOCIATES INC. AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR WHOLE IS FORBIDDEN WITHOUT THE ENGINEER'S WRITTEN PERMISSION.



KEY PLAN

No.	Issued	Date	By
3	Issued for Permit & Tender -- Phase 1	09/03/2021	VT
2	Issued for Tender	05/04/2020	VT
1	Issued for Costing	03/10/2020	VT

VR Vanderwesten & Rutherford Associates Inc.
Mechanical & Electrical Engineers
London, Windsor, Ottawa
www.vreng.ca | 519-652-5047



Project:

**KAWARTHA LAKES
POLICE SERVICE
BUILDING RENOVATIONS**

Drawing Title:

**ENLARGED FLOOR
PLAN: HVAC NEW**

Drawn By:	Checked By:
ND	VT
Date:	Scale:
JUNE 18, 2020	1/4" = 1'-0"
Project Number:	Drawing No.:
VR-19-160	M501

