

PLUMBING LEGEND	
---	DOMESTIC COLD WATER (DCW)
---	DOMESTIC HOT WATER (DHW)
---	UNBURIED SANITARY DRAINAGE (US)
---	BURIED SANITARY DRAINAGE (S)
---	UNBURIED STORM DRAINAGE (UST)
---	BURIED STORM DRAINAGE (ST)
○	PIPE UP, BRANCH DROPPING FROM TEE, PIPE DOWN
~	PIPE BREAK/CONTINUATION
XD	FLOOR (F), ROOF (R), HUB (H), FUNNEL (FF), AREA (A) DRAIN
---	CLEAN OUT - EXPOSED
---	CLEAN OUT - IN FLOOR
○	SANITARY TRAP
WC-1	EQUIPMENT/FIXTURE TAG

NO.	REVISION	DATE	BY	APPROVED
2	ISSUED FOR PERMIT	08/23	C.J	G.V.W.O
1	ISSUED FOR COORD	07/28	C.J	G.V.W.O

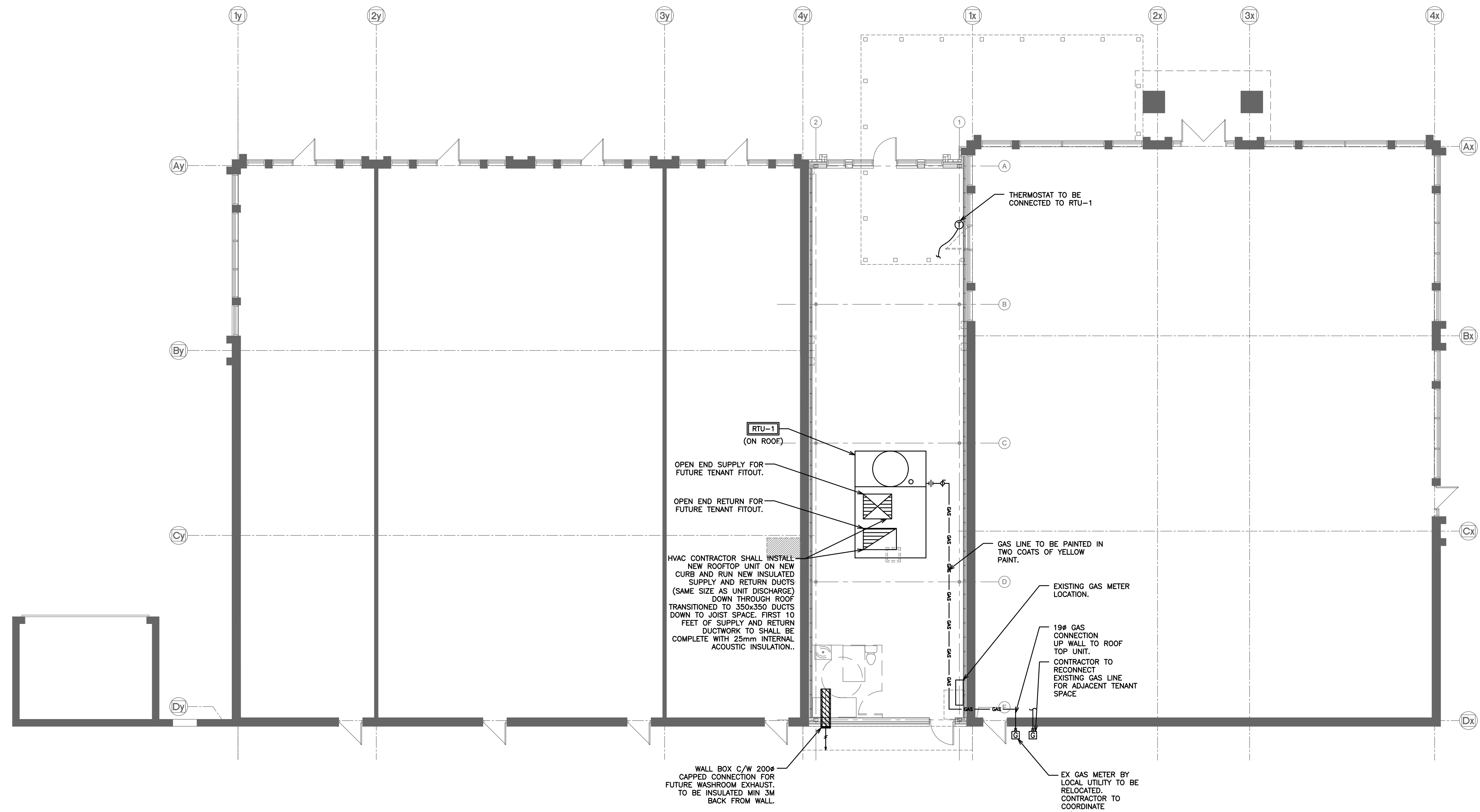
1302 HARMONY ROAD, OSHAWA, ON  
H&T HOLDING LIMITED

## MECHANICAL PLUMBING MAIN FLOOR PLAN

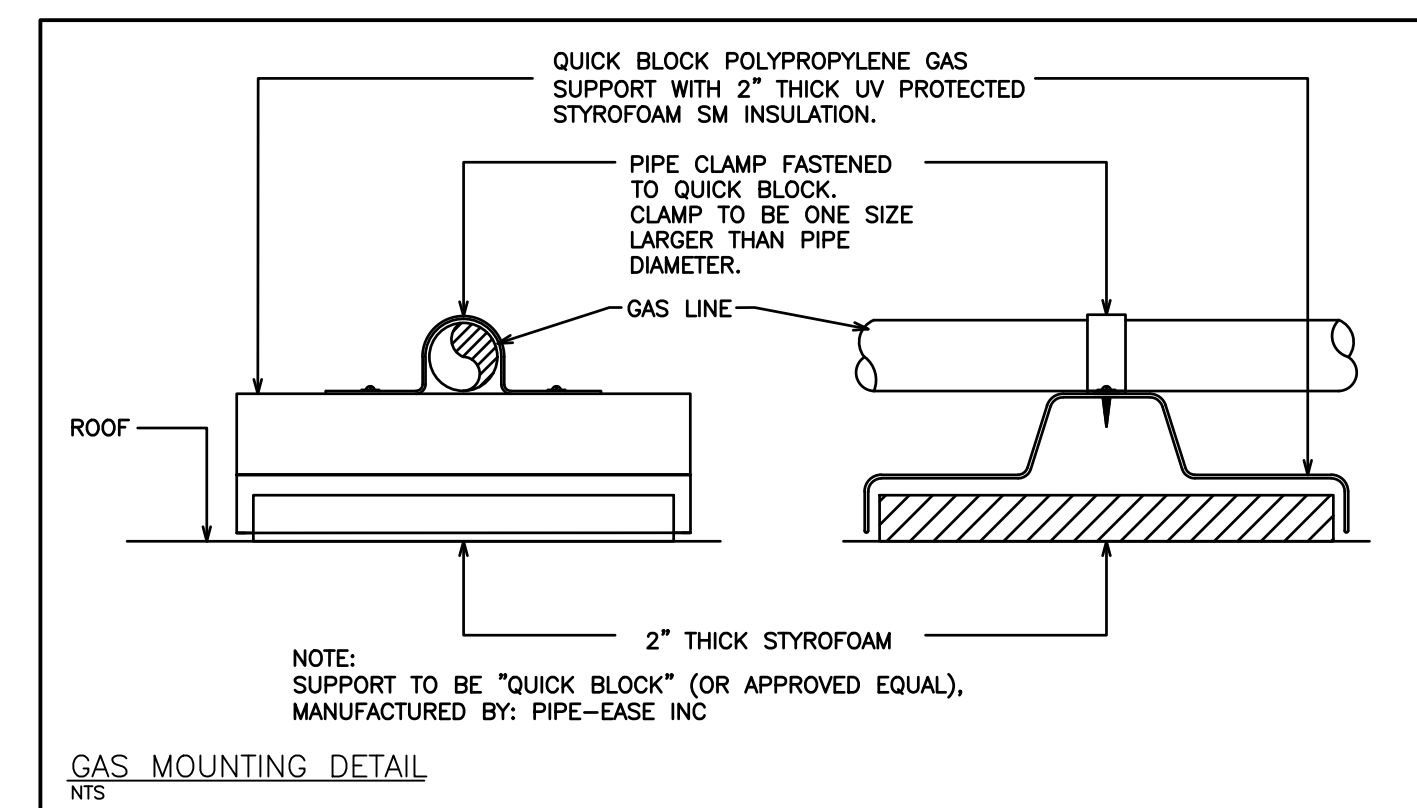
**D.G. Biddle & Associates Limited**  
consulting engineers and planners  
96 KING STREET EAST • OSHAWA, ON L1H 1B6  
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SCALE:	1:100	PROJECT NO.	121077
DRAWN BY:	C.J	DRAWING NO.	M1
DESIGN BY:	C.J/G.V.W.O	CAD FILE:	121077 ME
CHECKED BY:	G.V.W.O	PLOT DATE:	08/23/2021
DATE:	AUG 2021	SUBMISSION:	PERMIT

ROOF TOP UNIT SCHEDULE									
TAG	MANUFACTURER	MODEL	AIR FLOW	COOLING	HEATING (IN/OUT)	FRESH AIR	MOUNTING	CONTROLS	ACCESSORIES
RTU-1	YORK	ZXG08	3000 CFM	7.5 TONS	125/100MBH	370 CFM	ROOF	7 DAY PROGRAMMABLE THERMOSTAT	EXTENDED ROOF CURB, ECONOMIZER



HVAC LEGEND	
	SUPPLY, RETURN AIR DUCT UP (RECT)
	SUPPLY, RETURN AIR DUCT DOWN (RECT)
	SUPPLY, RETURN AIR DUCT UP (ROUND)
	SUPPLY, RETURN AIR DUCT DOWN (ROUND)
	EXISTING HVAC TO REMAIN
	EXISTING HVAC TO BE REMOVED
	SUPPLY, RETURN, EXHAUST AIR GRILLE
	SIDE WALL GRILLE
	A- GRILLE/DIFFUSER TYPE B- DIFFUSER NECK C- AIR QUANTITY (CFM)
	SENSOR AND ASSOCIATED CONTROL WIRING
	EQUIPMENT/FIXTURE TAG
	BALANCE DAMPER
	DIRECTION OF AIR FLOW
	DOOR GRILLE
	TURNING VANES
	THERMOSTAT EQUAL TO HONEYWELL TB8220U: 7-DAY PROGRAMMABLE C/W AUTO CHANGEOVER
	TIME CLOCK
	ACOUSTIC LINED DUCT
	FIRE DAMPER
	GAS LINE
	GAS METER
	PIPE UP, PIPE DOWN
	SHUTOFF VALVE
	UNION
	PIPE BREAK/CONTINUATION



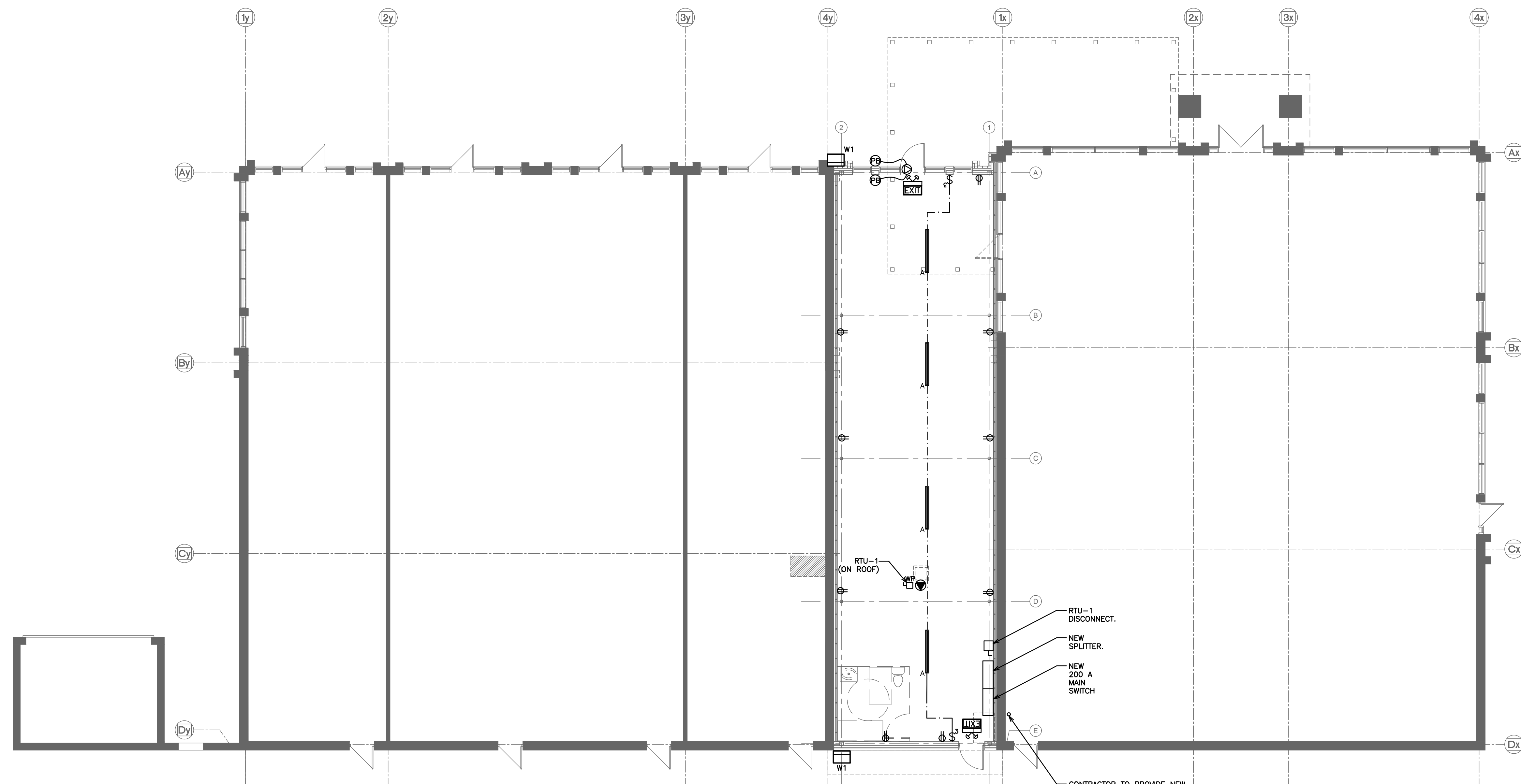
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## MECHANICAL HVAC MAIN FLOOR PLAN

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CONTRACTOR TO PROVIDE NEW 200A, 208V, 3PH, ELECTRICAL SERVICE FROM EXISTING 100 SPARE SECONDARY DUCT TO OPUIC TRANSFORMER ON HARMONY ADJACENT TO BUILDING. REFER TO CONNECT DRAWINGS FOR FUTRHTHER DETAILS.

LIGHTING LEGEND	
\$ \$ 3	SINGLE POLE, SINGLE THROW TOGGLE SWITCH, ONE, TWO, OR THREE GANGED ('3' DENOTES 3-WAY)
A	RECESSED DRYWALL MOUNTED 2x4 FLUORESCENT FIXTURE, STANDARD LENS, ELECTRONIC BALLAST, 3-T8 TUBES, 120V/1PH EQUAL TO CFI FLUORESCENT AA34812003VA
B	RECESSED DRYWALL MOUNTED 1x4 FLUORESCENT FIXTURE, STANDARD LENS, ELECTRONIC BALLAST, 2-T8 TUBES, 120V/1PH
C	BY OWNER
D	CEILING RECESSED POT LIGHT
S1	FREE HANGING 4' FLUORESCENT STRIP LIGHT, WRAP AROUND CAGE, CHAIN SET, SINGLE ELECTRONIC BALLAST, 2-T8 TUBES, 120V/1PH
WP	EXTERIOR WALL PACK
---	SWITCHWIRING
EXIT	EXIT SIGN WITH EMERGENCY LIGHTING EQUAL TO LUMACELL LMCE WITH BACK-UP BATTERY PACK
##	DOUBLE HEAD EMERGENCY LIGHT EQUAL TO LUMACELL MQ212V12W
##	SINGLE HEAD EMERGENCY LIGHT EQUAL TO LUMACELL MQ112V12W
BU-1	BACK UP BATTERY PACK

POWER LEGEND	
⊕	RECEPTACLE
⊕	240V 1PH GROUNDED RECEPTACLE
▽	VOICE, DATA COMBO
⊕	120V POWER SUPPLY
⊕	ELECTRICAL DISCONNECT
⊕	208V 3PH GROUNDED DIRECT EQUIPMENT CONNECTION
▽	WALL MOUNTED TELEVISION (CABLE) OUTLET
▽	VOICE ONLY OUTLET BOX - WALL BOX, OUTLET & 3/4" CONDUIT C/W PULL STRING UP WALL TO CEILING SPACE
⊕	COMBINATION HORN/STROBE
⊕	SMOKE ALARM
⊕	HEAT DETECTOR
⊕	GFI RATED RECEPTACLE
WP	WEATHERPROOF
FF-1	EQUIPMENT/FIXTURE TAG

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## ELECTRICAL POWER MAIN FLOOR PLAN

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