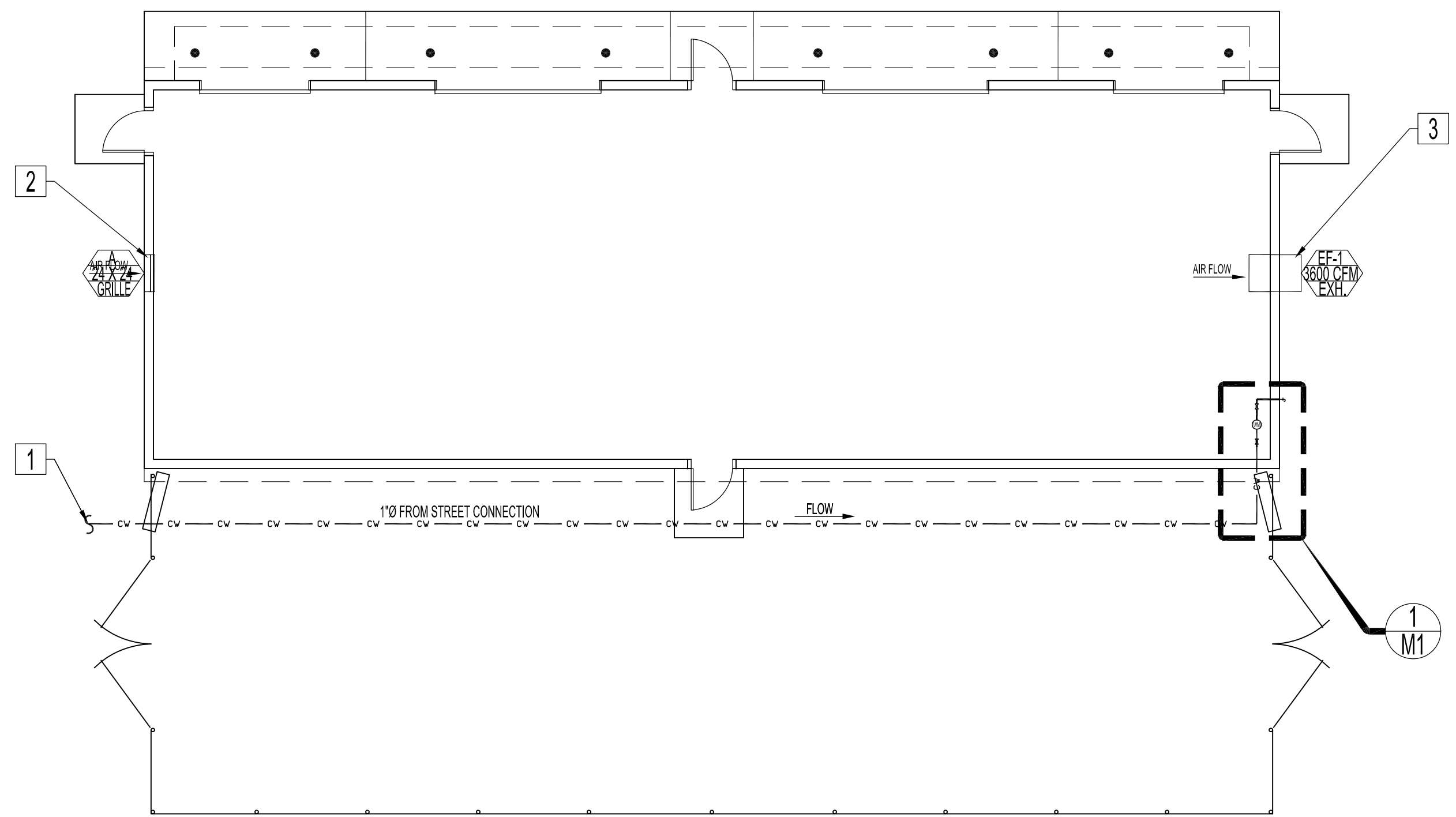


PROJECT No: 2010-031 ADDRESS: 838 RUE ST. JOSEPH SHEET TITLE: MAIN FLOOR PLAN, ELEVATIONS, DETAILS, SECTIONS & SCHEDULES - MECHANICAL & PLUMBING DATE: 2012.03.09 FILE NAME: 2010031MVD.dwg



MAIN FLOOR - MECHANICAL & PLUMBING  
SCALE: 1/8"=1'-0"

MAIN FLOOR MECHANICAL & PLUMBING NOTES:

- 1 1" Ø UNDERGROUND WATER SERVICE LINE INTO NEW STORAGE BUILDING.
- 2 24" X 24" INTAKE AIRFLOW GRILLE. SEE SCHEDULE.
- 3 SIDE WALL, BELT DRIVE EXHAUST FAN (EF-1) WITH VERTICAL MOUNT EXHAUST DAMPER, 45° WEATHER-HOOD, EXTERIOR BIRD SCREEN, MOTOR WITH THERMAL OVERLOAD PROTECTION & MOTOR SIDE GUARD. DUE TO PRE ENGINEERED ROOF TRUSS SYSTEM THE FAN LOCATION SHOWN ON THESE DRAWINGS MAY NOT BE TRUE & CORRECT. CONTRACTOR TO VERIFY AND COORDINATE WITH STRUCTURAL SHOP DRAWINGS & INFORMATION FOR FINAL FAN LOCATION.
- 4 EXTERIOR WALL HYDRANT RECESSED (P2), MOUNT BETWEEN STUDS AND CENTERED WITHIN EXTERIOR WOOD SIDING PLANK. PROVIDE INTERIOR BLOCKING & SUPPORTS AS REQUIRED FOR A SECURE INSTALLATION. CONNECT TO NEW WATER SERVICE LINE.
- 5 BALL SHUT-OFF VALVES WITH DRAIN PORTS (P3).
- 6 WATER SERVICE PIPE SUPPORT: 3" X 3" X 1/2" PLATE, STANCHION, & SADDLE TO BE GALVANIZED. GROUT BASE. SEE WATER SERVICE PIPE SUPPORT DETAIL.
- 7 WATER METER (P1) BY OTHERS.
- 8 PVC SLEEVE, SCHEDULE 40, 1 1/2" I.D X 1'-9" (MINIMUM). INSTALL PRIOR TO CONCRETE SLAB POOR. CONTRACTOR TO COORDINATE WITH CONCRETE TRADES PERSON FOR FINAL LOCATION OF SLEEVE TO ENSURE NO CONTACT WITH CONCRETE SLAB RE-BARS. FILL VOID ALL AROUND PIPE & SLEEVE WITH FOAM BACKER ROD AND ELASTOMERIC CAULK.

MECHANICAL & PLUMBING SYMBOLS	
SYMBOL	DESCRIPTION
CONTRACTOR TO SUPPLY & INSTALL UNLESS OTHERWISE NOTED	
	WATER METER (BY OTHERS)
	EXTERIOR WALL HYDRANT
	BALL SHUT-OFF VALVES WITH DRAIN PORTS
	ELECTRIC FAN TAG #
	CAPACITY IN CFM
	EXH-EXHAUST
	GRILLE TAG #
	SIZE
	INTAKE AIR-FLOW GRILLE

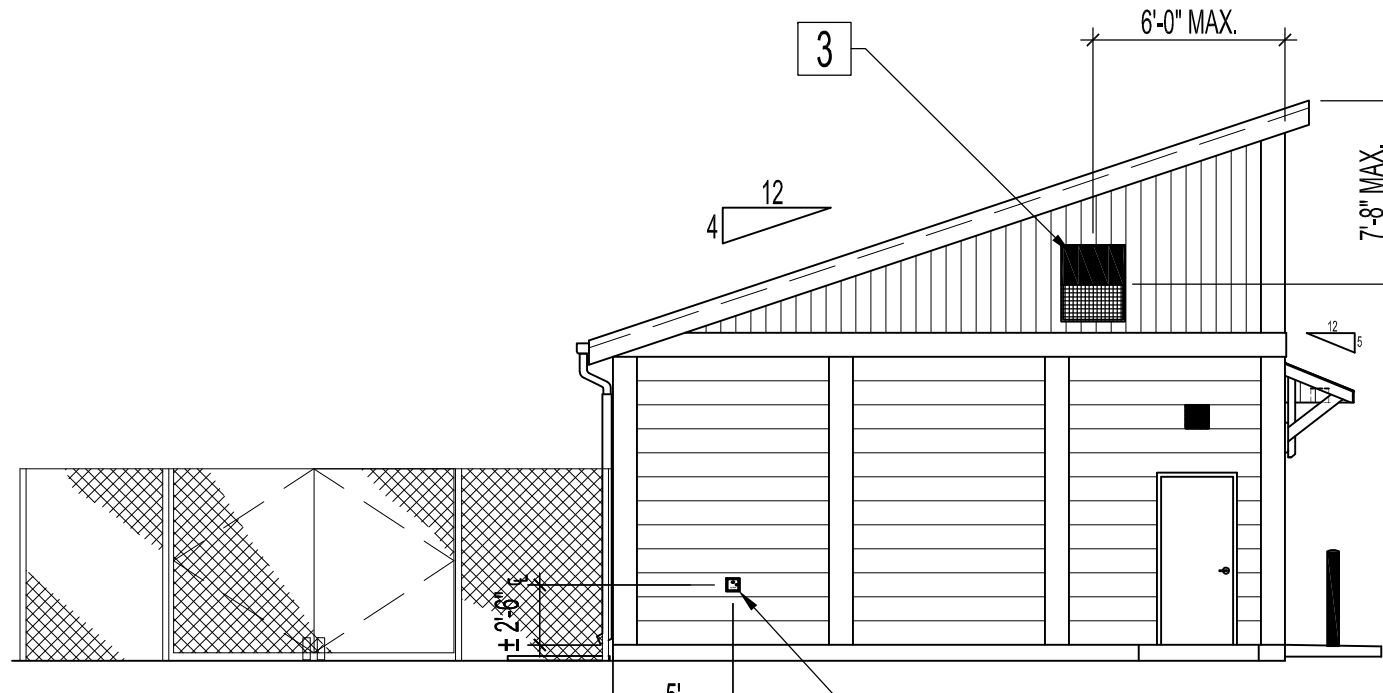
EXHAUST FAN SCHEDULE												
MARK	NO. RECD	MANUFACTURER MODEL NO.	AIRFLOW (CFM)	SP (ft. wg)	DRIVE (HP)	SIZE (IN)	V/CP (VOLT CURRENT PHASE)	ENCL. WEIGHT (LB)	FAN RPM	CONTROL	OPTIONS & ACCESSORIES	
EF-1 600 CFM EXH.	1	GREENWICK SBE-3L24-7	3600	0.2	BELT	34	115 / 60/1	TEFC	88	1725	INTERCONNECT FAN MOTOR TO TOXIC GAS DETECTION TRANSMITTERS & TIMER CONTROL.	WEATHER-HOOD W/ 45 DEG. BIRD SCREEN. MOTOR W/ CSA APPROVAL WITH THERMAL OVERLOAD PROTECTION EXHAUST DAMPER: NO-300-PB-002G. DISCONNECT SWITCH: SQUARE D, NEMA 4. MOTOR SIDE GUARD. BEARINGS W/ GREASE FITTINGS. FASTENERS: CORROSION RESISTANT.

GRILLE SCHEDULE				
TYPE	DESCRIPTION	MANUFACTURER	MODEL	OPTIONS
	24" W X 24" L X 4" D, EXTRUDED ALUMINUM INTAKE AIR GRILLE. 39 DEGREE STATIONARY Z-BLADE LOUVERS. CLEAR FINISH.	PRICE	ZE439	INTEGRAL 1-1/2" FLANGES ALL AROUND BOTH SIDES BIRD SCREEN

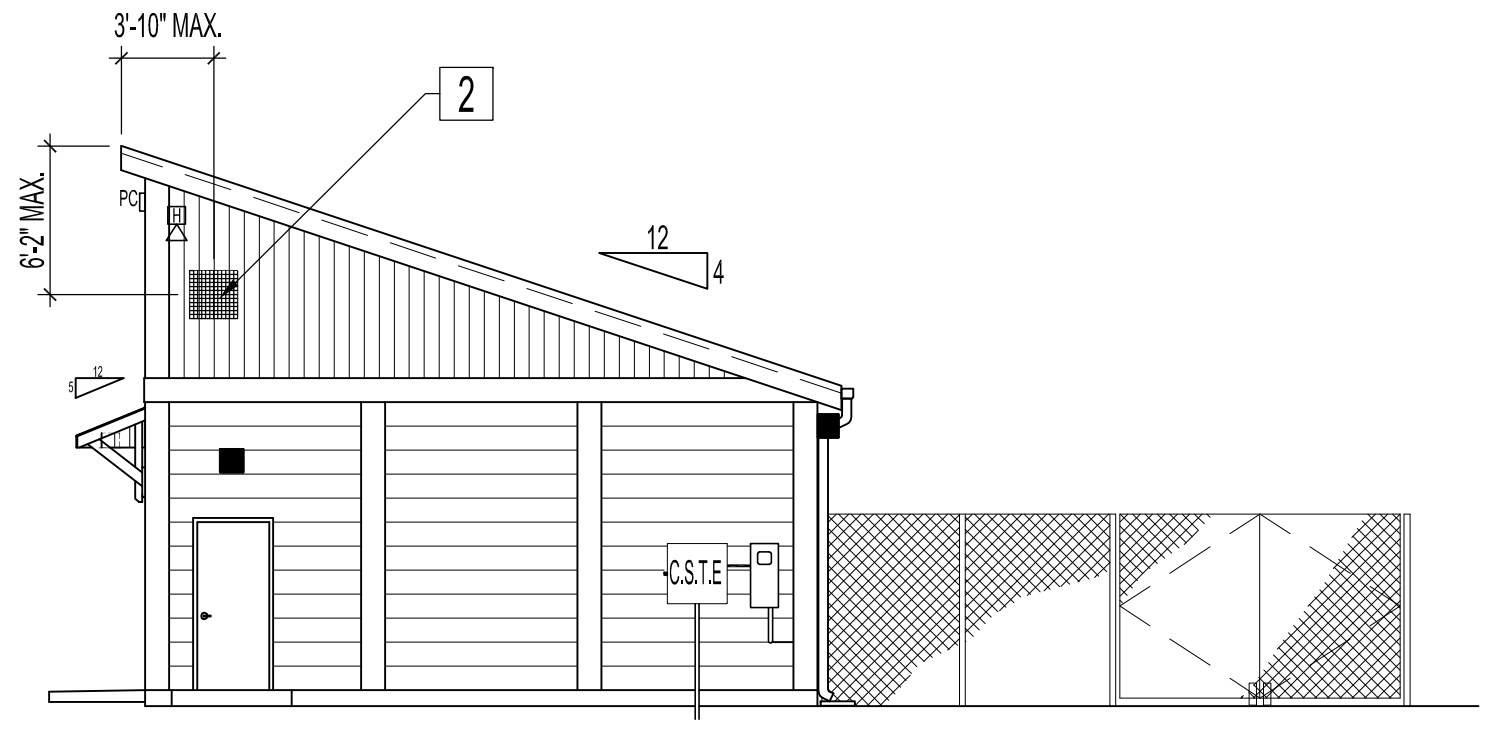
PLUMBING EQUIPMENT SCHEDULE	
TAG	DESCRIPTION
P-1	<b>METER:</b> 1" TO 1" WATER METER (TO BE SUPPLIED & INSTALLED BY THE CITY OF WINNIPEG)
P-2	<b>EXTERIOR WALL HYDRANT:</b> ZURN: Z1300 ECOLOTROL WALL HYDRANT ENCASED, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING. CONTRACTOR TO PROVIDE 4 KEYS IN TOTAL.
P-3	<b>SHUT-OFF &amp; MAIN VALVES:</b> WATTS: SERIES B6301, 2 PIECE, FULL PORT, BRONZE BALL WITH BLOW OUT PROOF PRESSURE RETAINING STEM PORT DRAIN. SOLDER END CONNECTIONS.

DRAWING LIST	
SHEET No:	SHEET TITLE
M1	MAIN FLOOR PLAN, ELEVATIONS, DETAILS, SECTIONS & SCHEDULES - MECHANICAL & PLUMBING
M2	MECHANICAL & PLUMBING SPECIFICATIONS

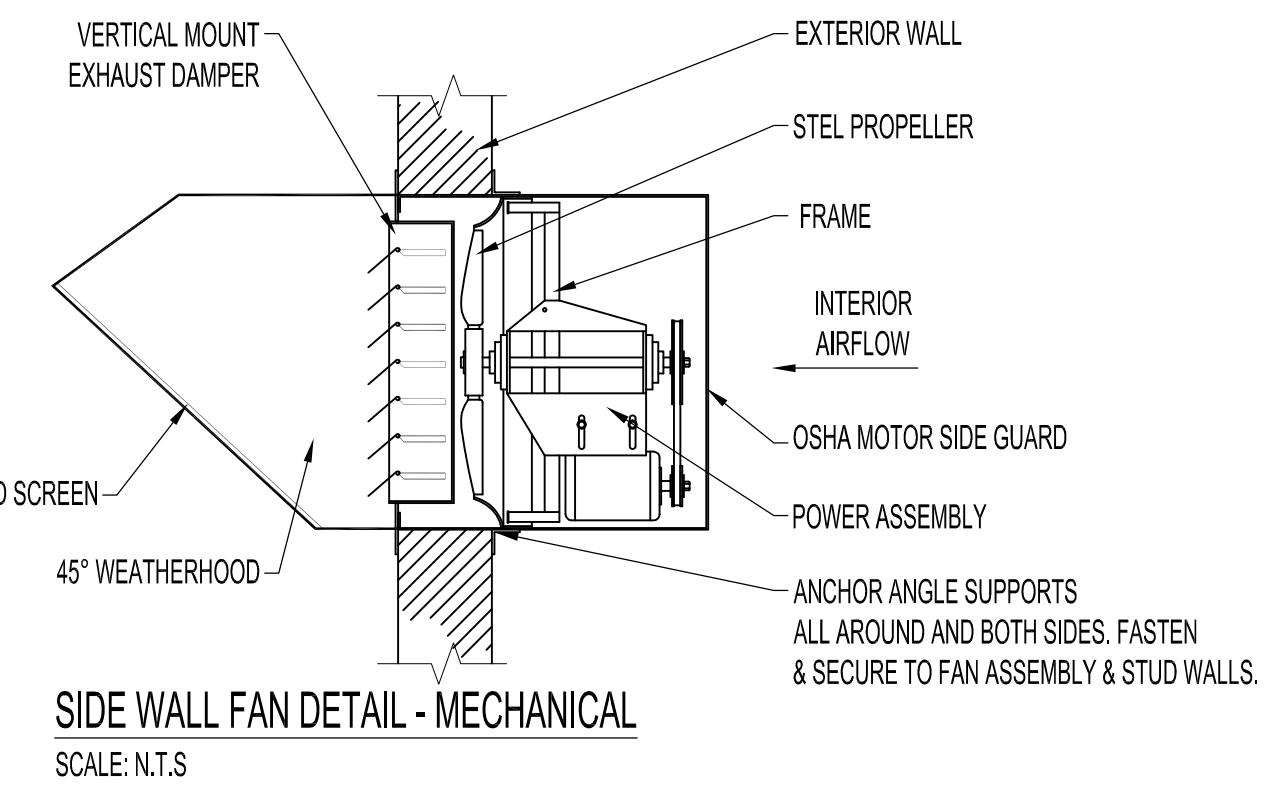
NOTES:  
ALSO SEE CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL DWGS



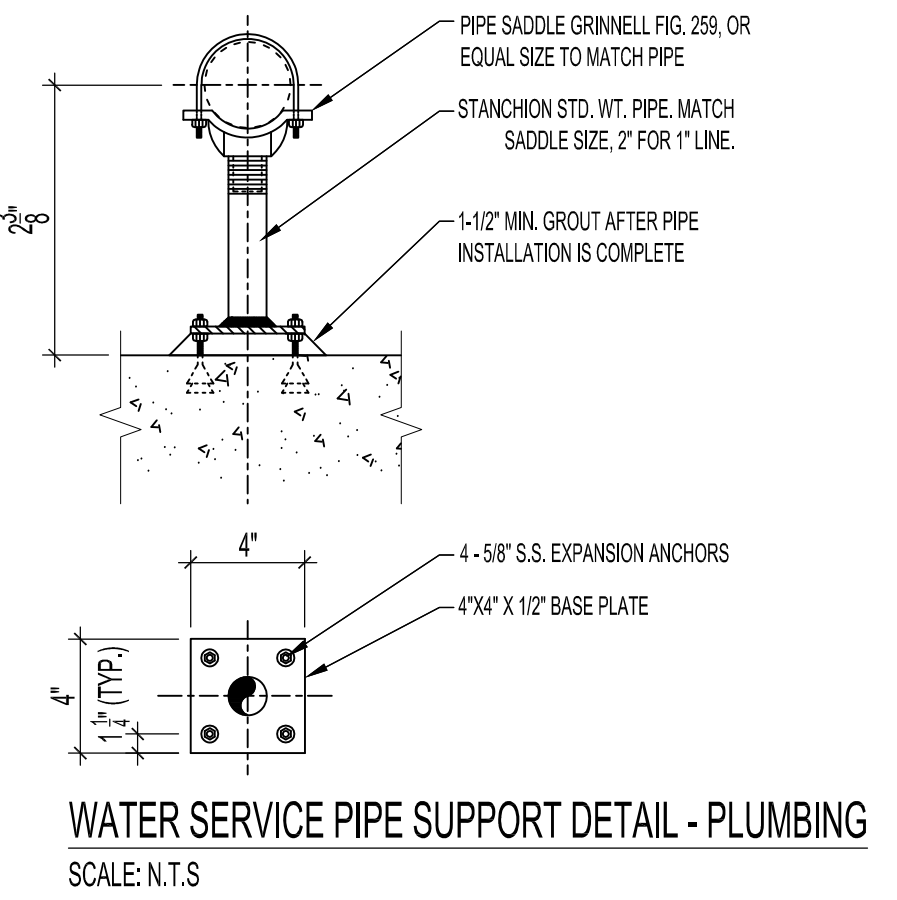
EAST ELEVATION - MECHANICAL & PLUMBING  
SCALE: 1/8"=1'-0"



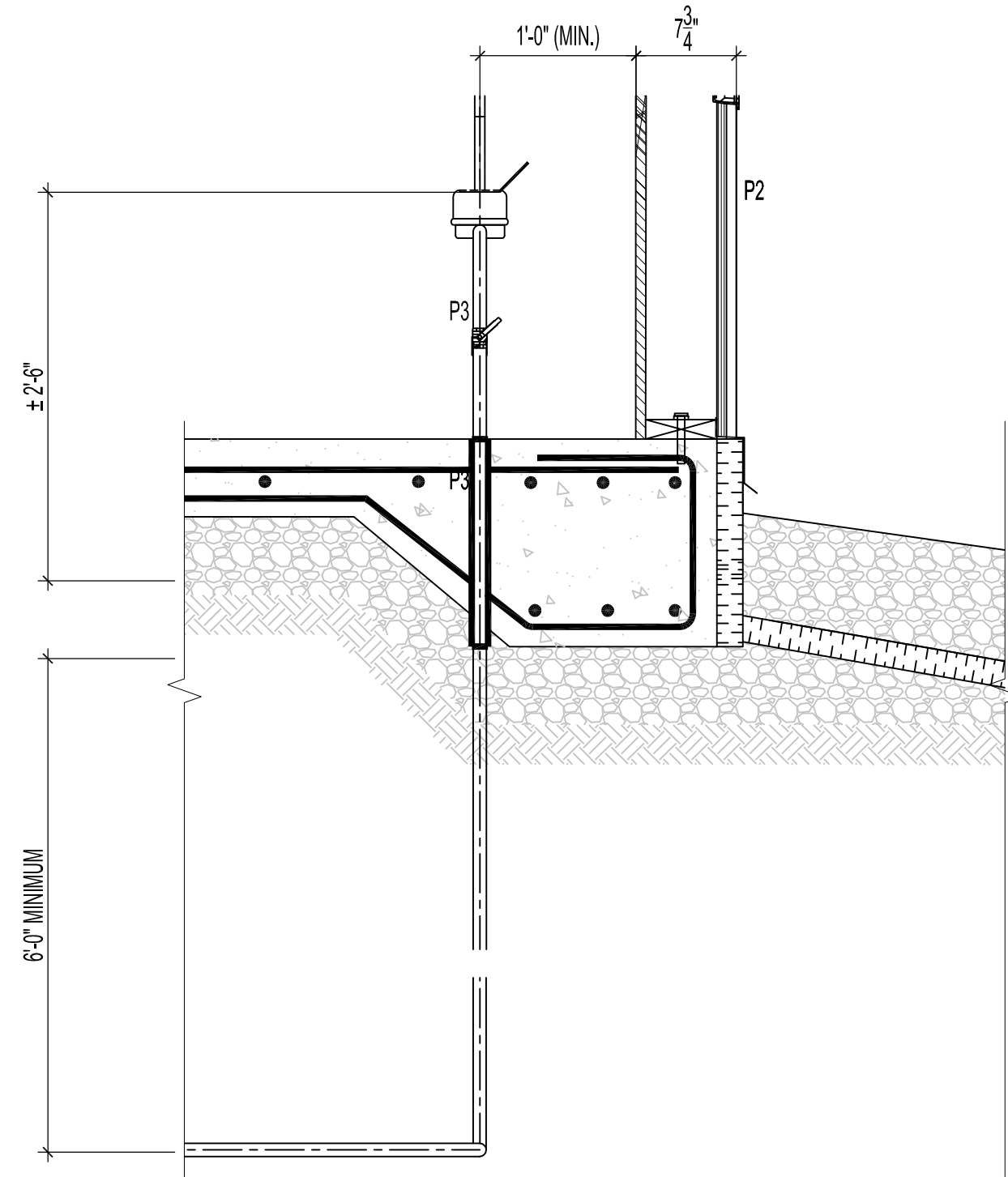
WEST ELEVATION - MECHANICAL  
SCALE: 1/8"=1'-0"



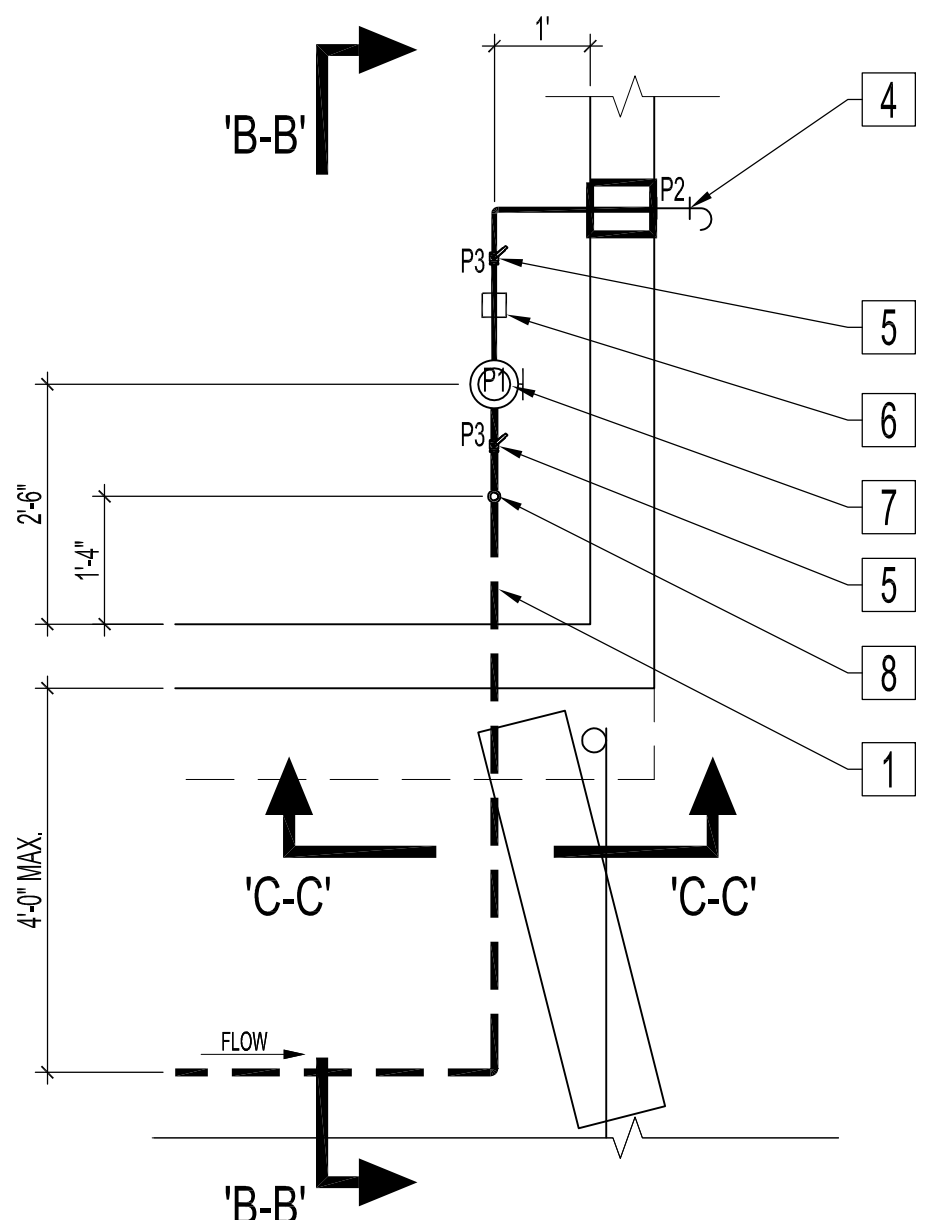
SIDE WALL FAN DETAIL - MECHANICAL  
SCALE: N.T.S



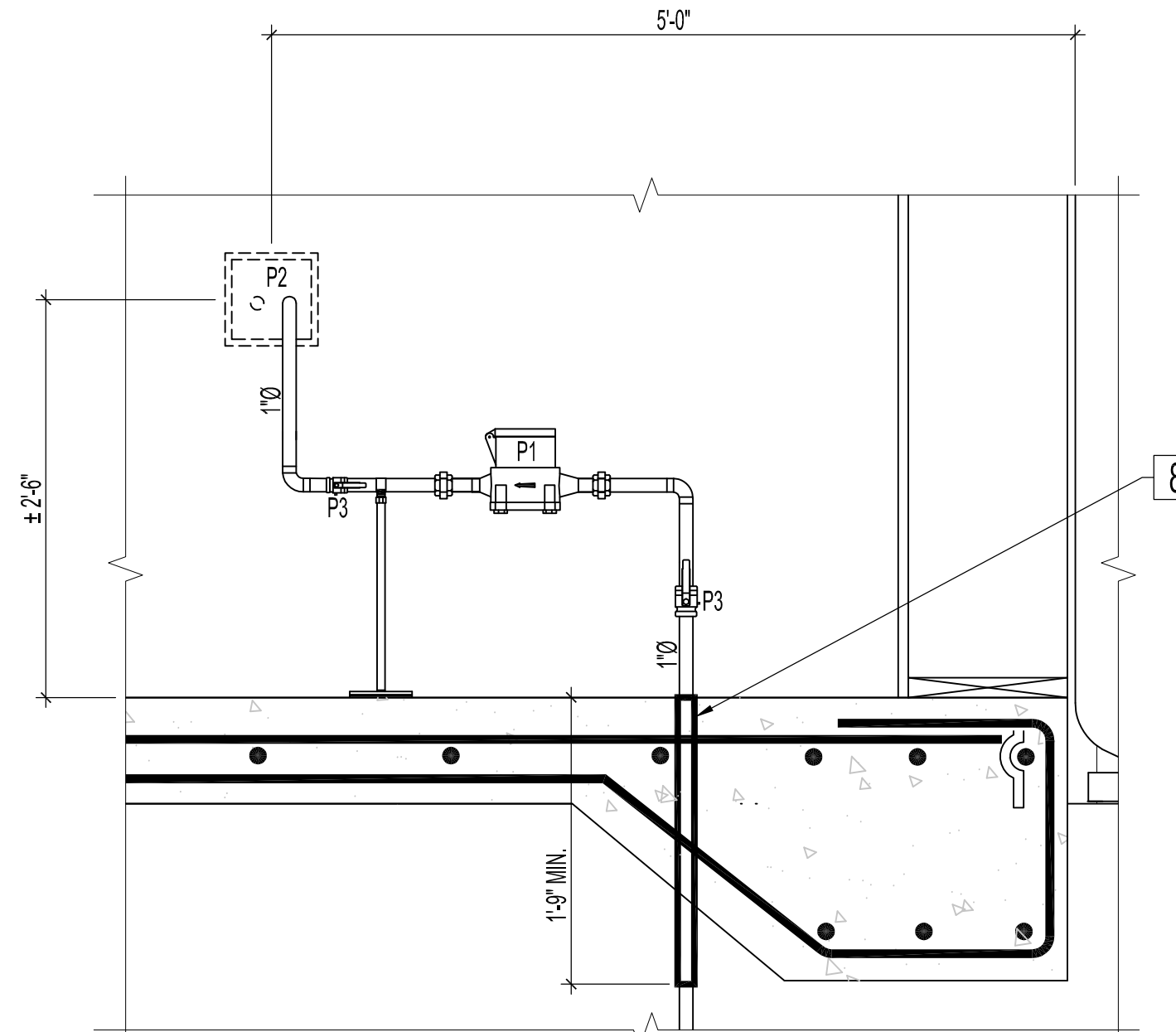
WATER SERVICE PIPE SUPPORT DETAIL - PLUMBING  
SCALE: N.T.S



SECTION 'C-C' - PLUMBING  
SCALE: 1"=1'-0"



ENLARGED VIEW - PLUMBING  
SCALE: 1"=1'-0"



SECTION 'B-B' - PLUMBING  
SCALE: 1"=1'-0"

ORIGINAL STAMPED BY: DOUG PALEY  
DATE: 2012.03.09

No.	REVISION/DESCRIPTION	BY	DATE
SEAL			

DRAWN	RCP	CHECKED	CAD	DESIGNED	RCP	APPROVED	CAD
DATE	2012.03.09	USER	APPROVAL	CAD			

THE CITY OF WINNIPEG  
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT  
MUNICIPAL ACCOMMODATIONS DIVISION  
3-65 GARRY STREET, R3C 4K4

PROJECT  
WHITTIER PARK  
STORAGE BUILDING

838 RUE ST. JOSEPH

SHEET TITLE  
MAIN FLOOR PLAN: MECHANICAL & PLUMBING  
ELEVATIONS, SECTIONS, DETAILS & SCHEDULES

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2010-031	M1

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1