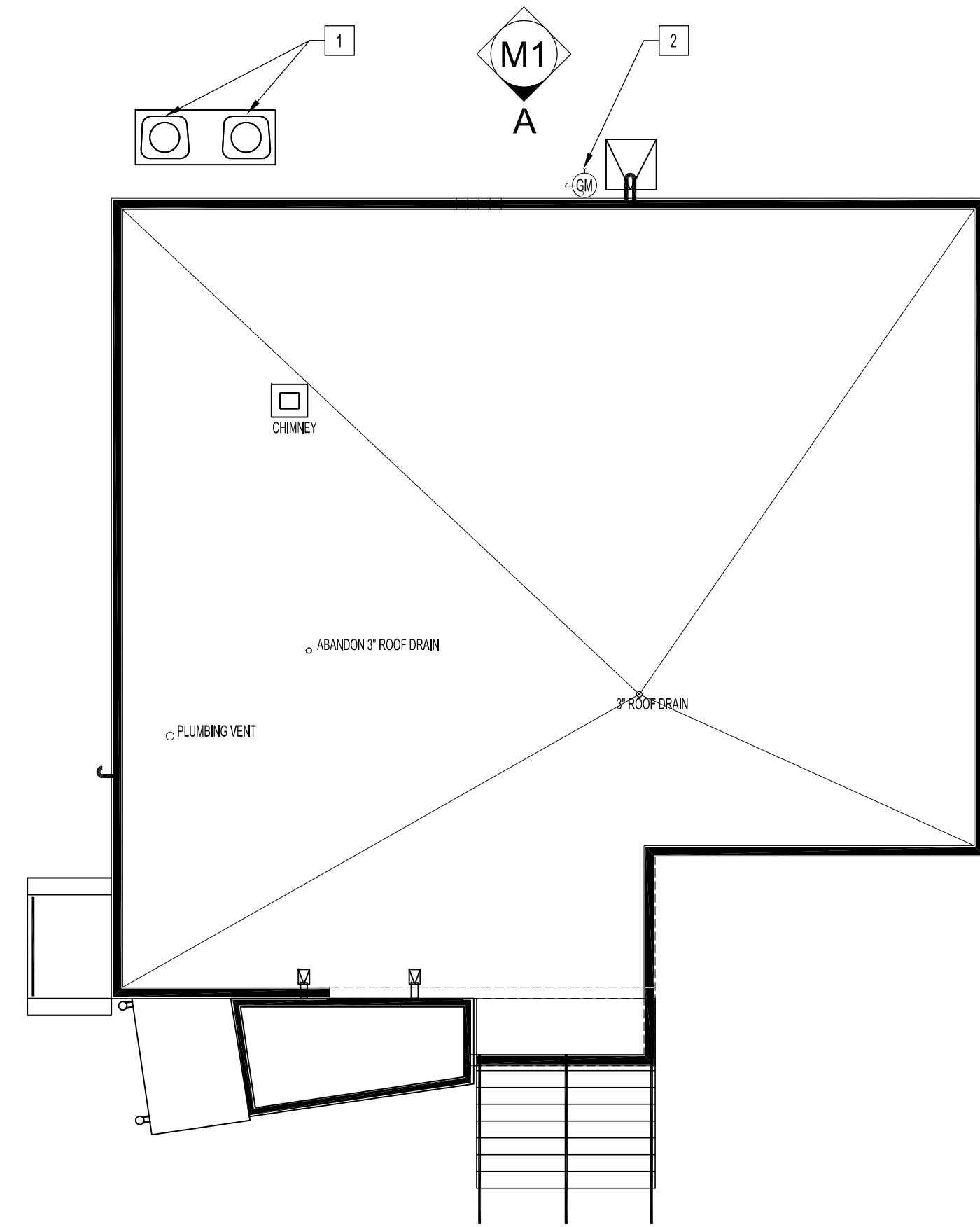


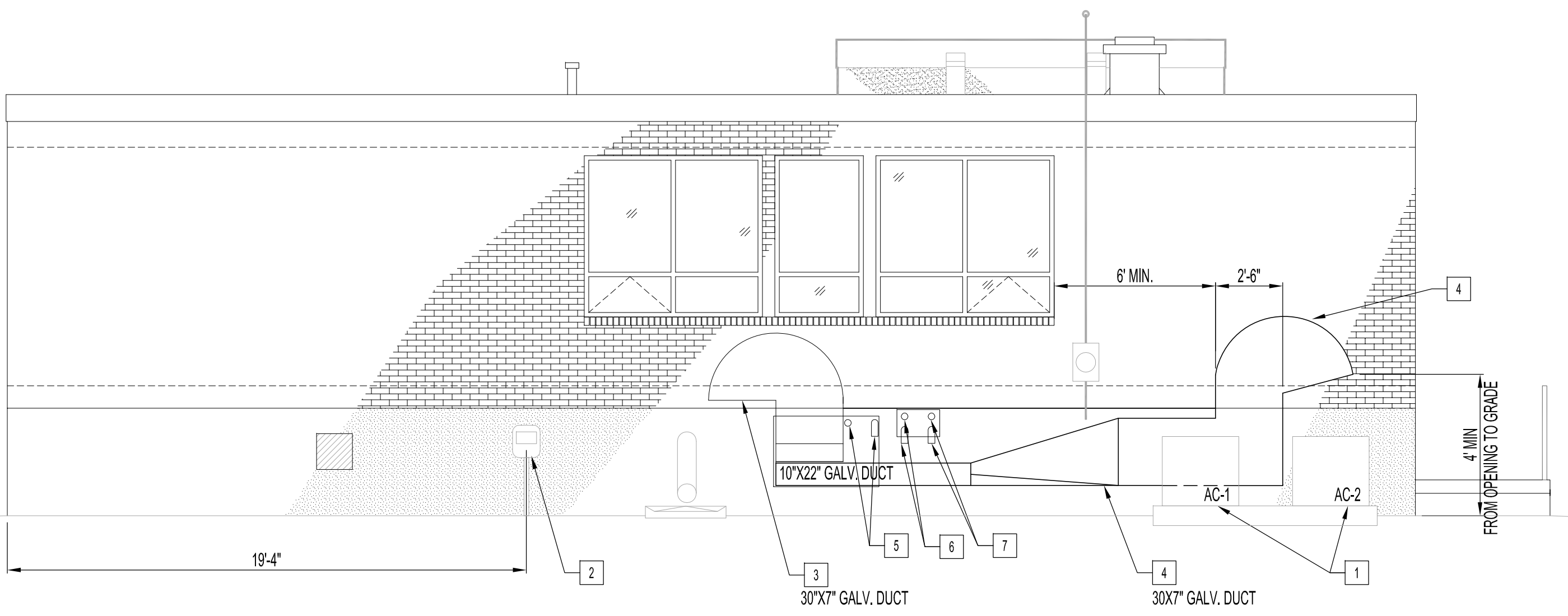
PARTIAL SITE PLAN - MECHANICAL DEMOLITION
SCALE: 1/8"=1'-0"



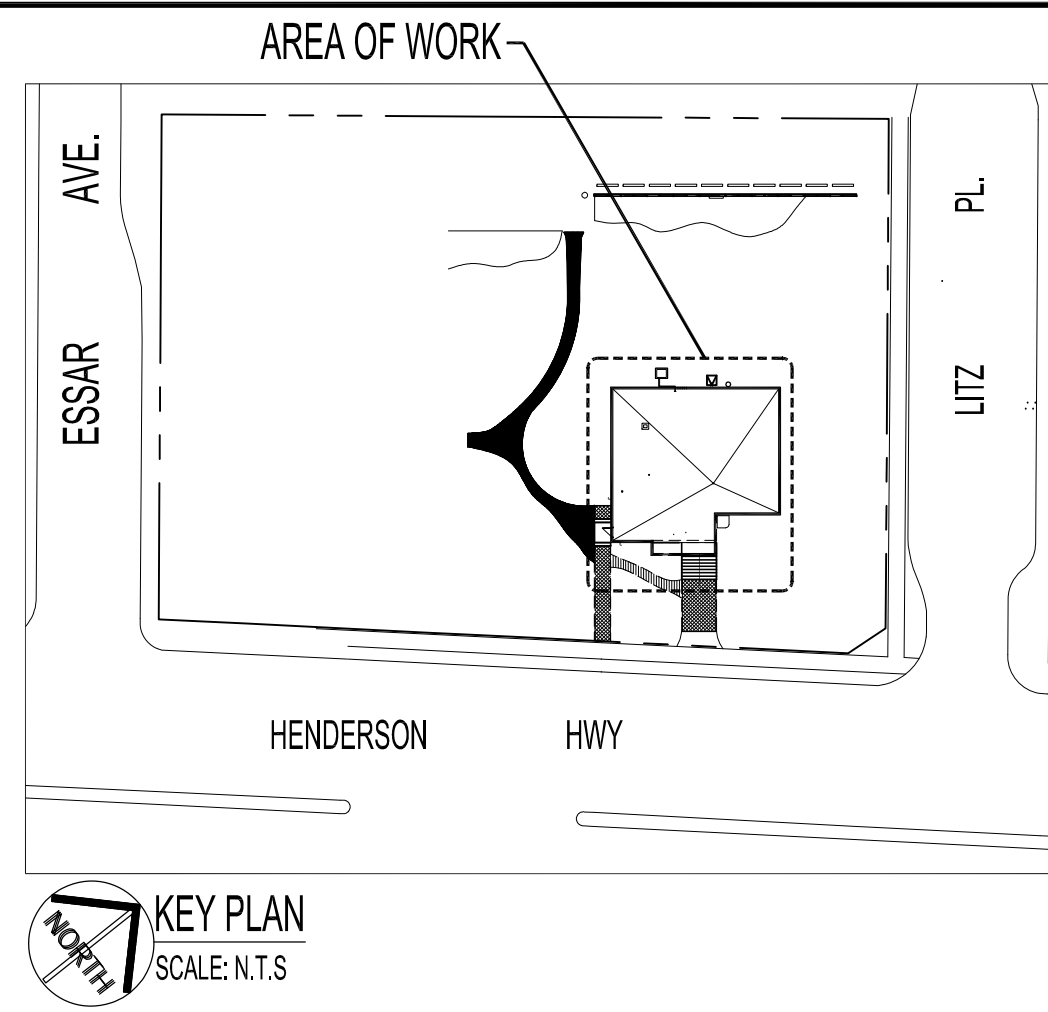
PARTIAL SITE PLAN - MECHANICAL RENOVATION
SCALE: 1/8"=1'-0"

- MECHANICAL DEMOLITION NOTES**
DO NOT DISCONNECT EXISTING SECURITY SYSTEM COMPONENTS (MOTION SENSORS, DOOR CONTACTS, ETC). HANG LOOSE COMPONENTS ABOVE NEW CEILING SPACE. TEMPORARY FOR REINSTALLATION BY OTHERS.
- REMOVE AND DISCARD EXISTING AIR CONDITIONING CONDENSER UNIT AND ALL ASSOCIATED PIPING AND ELECTRICAL COMPONENTS.
 - REMOVE & DISCARD EXTERIOR HOSE BIB AND ALL ASSOCIATED PLUMBING LINES BACK TO SOURCE.

- MECHANICAL RENOVATION NOTES**
SUPPLY & INSTALL, UNLESS OTHERWISE NOTED.
- SUPPLY & INSTALL NEW AIR CONDITIONING CONDENSERS (AC-1 & AC-2) ON CONCRETE PAD. CONCRETE PAD SHOWN ON DRAWING L2.
 - NEW RELOCATED GAS SERVICE, METER AND PRV (BY MANITOBA HYDRO).
 - FRESH AIR INTAKE GOOSE NECK DUCT CONNECTING TWO INTERIOR 14"x8" FIA DUCTS TO HRV-1 & HRV-2. OPENING SHALL HAVE BIRD SCREEN, MOUNT FLUSH WITH EXTERIOR WALL.
 - EXHAUST GOOSE NECK DUCT CONNECTING TWO INTERIOR 14"x8" EXHAUST DUCTS FROM HRV-1 & HRV-2. OPENING SHALL HAVE BIRD SCREEN, MOUNT FLUSH WITH EXTERIOR WALL. SECURE TIGHTLY TO BUILDING.
 - FURNACE, AHU-1, GAS VENTING.
 - FURNACE, AHU-2, GAS VENTING.
 - 3" GAS VENTING FOR WATER HEATER, P-4.



ELEVATION "A" - MECHANICAL RENOVATION
SCALE: 1/4"=1'-0"



MECHANICAL DRAWING LIST

SHEET No.	SHEET TITLE
M1	PARTIAL SITE PLAN - MECHANICAL - DEMOLITION & RENOVATION
M2	BASEMENT FLOOR PLAN - MECHANICAL - DEMOLITION & RENOVATION
M3	MAIN FLOOR PLAN - MECHANICAL - DEMOLITION & RENOVATION
M4	BASEMENT FLOOR PLAN - IN-FLOOR PLUMBING & CONCRETE FLOOR - DEMOLITION & RENOVATION
M5	BASEMENT FLOOR PLAN - PLUMBING - DEMOLITION & RENOVATION
M6	MAIN FLOOR PLAN - PLUMBING - DEMOLITION & RENOVATION

MECHANICAL SYMBOLS
SUPPLY & INSTALL, UNLESS OTHERWISE NOTED

	WATER CLOSET
	LAVATORY
	FLOOR OR SHOWER DRAIN
	WALL HYDRANT
	COLD WATER (CW)
	HOT WATER (HW)
	HOT WATER RETURN (HWR)
	SANITARY SEWER BELOW GRADE
	WEEPING TILE
	PLUMBING VENT
	PLUMBING CLEANOUT
	WATER HAMMER SHOCK ABSORBER
	GAS PIPING
	SUPPLY AIR
	RETURN AIR, EXHAUST
	BALANCING DAMPER
	THERMOSTAT
	GAS METER
	FIRE DAMPER W/ ACCESS PANEL
	TYPE OF GRILLE OR DIFFUSER SIZE IN INCHES CAPACITY IN CFM (EXH-EXHAUST) (RIA-RETURN AIR)
	DOUBLE TURNING VANES
	FLEXIBLE DUCT CONNECTOR
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE

NOTES :

BD OPPORTUNITY No: 629-2007.
THESE DRAWINGS SHALL NOT BE SCALED.

REFER TO BID OPPORTUNITY PROJECT SPECIFICATION FOR ADDITIONAL INFORMATION.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL, STRUCTURAL & COMMUNICATION DRAWINGS FOR LAYOUTS & ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

ALL PLUMBING PENETRATIONS THRU FLOORS SHALL HAVE THE PIPING IN CONTACT WITH THE WALL ABOVE OR BELOW, WHERE POSSIBLE.

ALL OPENINGS THROUGH FIRE ASSEMBLIES INCLUDING MECHANICAL RM. (B-04) ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.

WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

ALL UNDERGROUND SERVICES AND PAVING ON CITY RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS. LOCATION OF UNDERGROUND SERVICES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH ANY CONSTRUCTION.

LAYOUT SHOWN IS SCHEMATIC ONLY. LAYOUT MAY NOT REFLECT THE TRUE PLUMBING OR PIPE ROUTES. ALL ROUTINGS SHALL RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES. GROUP SAME SERVICES, WHERE POSSIBLE, TO RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES. ALL ROUTINGS SHALL RUN AS HIGH AS POSSIBLE AT THE CRAWLSPACE AND BASEMENT CEILING LEVEL.

DO NOT PASS ROUTINGS THROUGH STRUCTURAL MEMBERS WITHOUT CONSULTING THE CONTRACT ADMINISTRATOR.

ALL FIXTURE SUPPLY & RETURN LINES SHALL HAVE SHUT-OFF VALVES AT FIXTURE.

DO NOT DISCONNECT EXISTING SECURITY SYSTEM COMPONENTS (MOTION SENSORS, DOOR CONTACTS), HANG LOOSE COMPONENTS ABOVE NEW CEILING SPACE. TEMPORARY FOR REINSTALLATION BY OTHERS.

ALL DUCTWORK PENETRATING FIRE SEPARATIONS SHALL HAVE FIRE DAMPERS INSTALLED TO MEET THE APPLICABLE STANDARDS AND CODES.

ALL EXPOSED PLUMBING LINES, DUCTS, FITTINGS SHALL BE PAINTED TO MATCH FINISHED CEILING, EXCEPT FOR WATER SUPPLY INSULATED WHITE PVC JACKET.

ALL WATER SUPPLY LINES & FITTINGS SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKETED WITH WHITE PVC.

ORIGINAL STAMPED BY: DOUG PALEY, P. ENG.
DATE: 2007.11.15

SEE ADDENDUM 4, BID OPPORTUNITY 629-2007, WASHROOMS & SHOWERS WERE SEPARATED BY WALLS, ADDED NOTES

SEE ADDENDUM 1 BID OPPORTUNITY 629-2007 RCP 2007.11.05 REVISED NOTES

NO.	REVISION/DESCRIPTION	BY	DATE

SEALS

DRAWN BY	CHECKED BY	APPROVED
RCP/DTA	USER APPROVAL	
DATE	2007.10.11	

CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT
CIVIC ACCOMMODATIONS DIVISION
300 - 65 GARRY ST. R3C 4K4

PROJECT
COMMUNITY POLICE SERVICE CENTRE
1400 HENDERSON HWY.

SHEET TITLE
PARTIAL SITE PLAN
MECHANICAL
DEMOLITION & RENOVATION

SCALE	PROJECT NO.	SHEET NO.
AS SHOWN	2004-023	M1R2