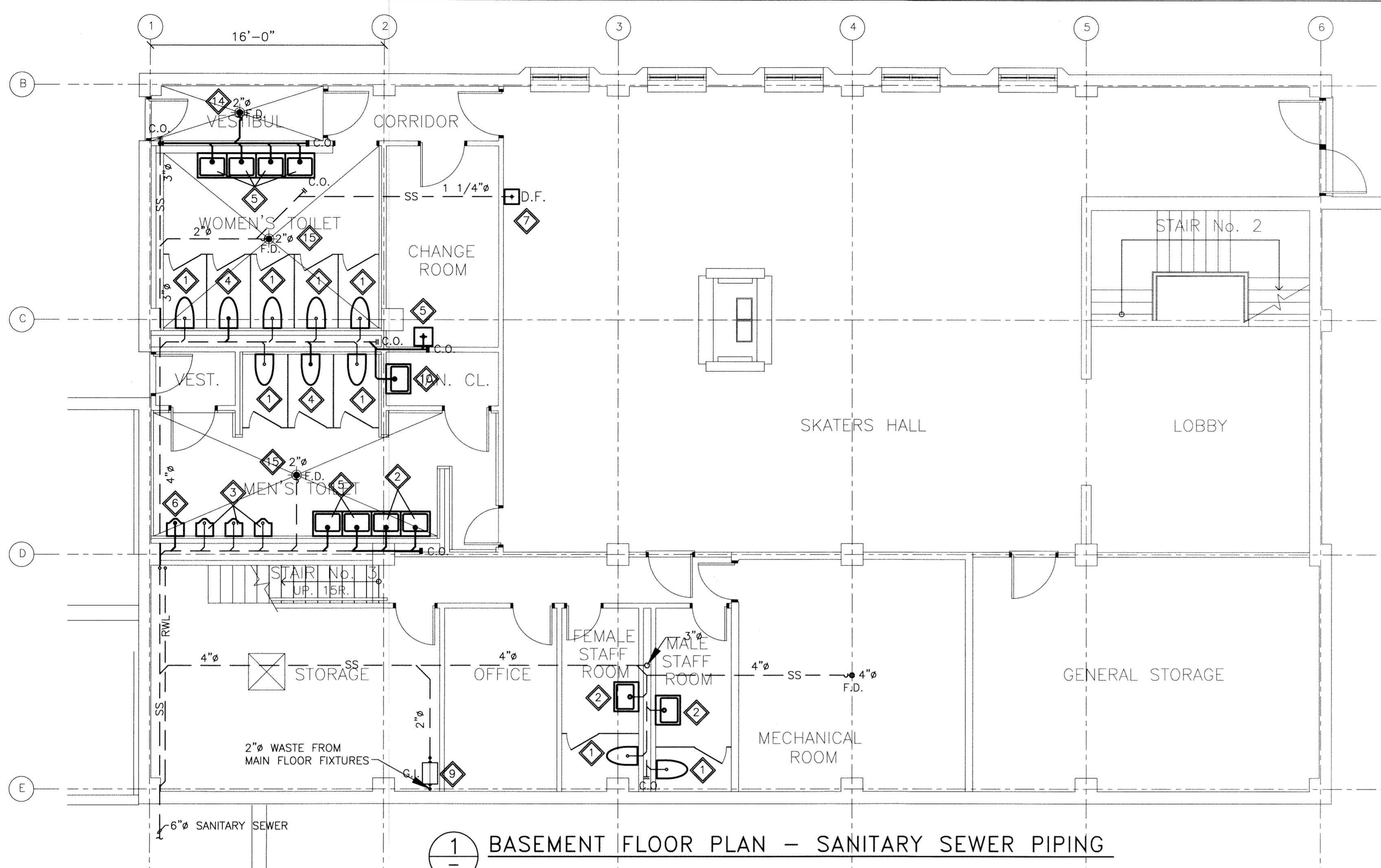
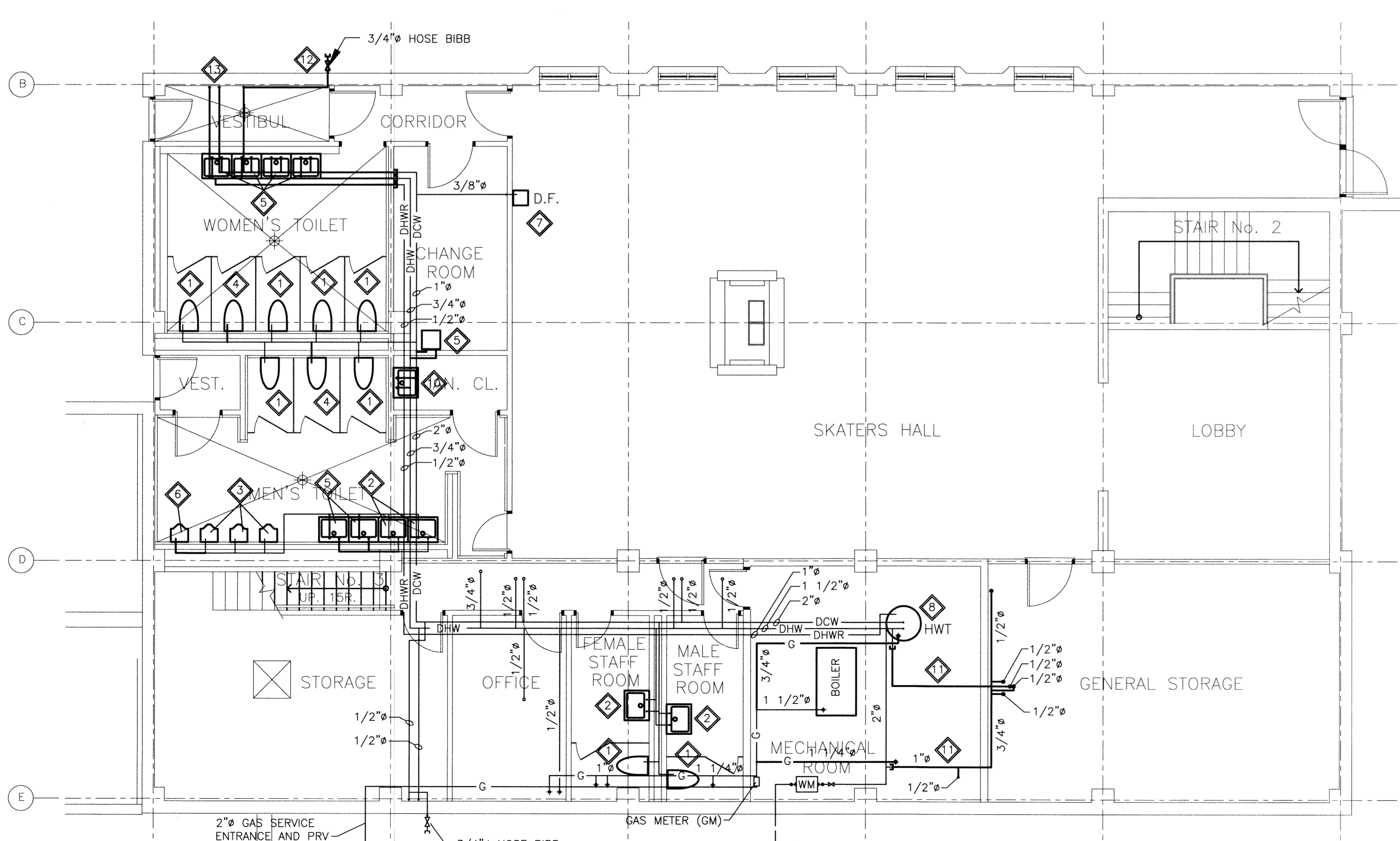


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 24 x 36 / Plot Scale: 1/16"



1 BASEMENT FLOOR PLAN - SANITARY SEWER PIPING



2 BASEMENT FLOOR PLAN - DOMESTIC WATER PIPING

**GENERAL NOTES:**

1. CONFORM TO CANADIAN PLUMBING CODE AND ALL LOCAL CODES AND AUTHORITY HAVING JURISDICTION FOR DESIGN, SUPPLY AND INSTALLATION OF PLUMBING AND VENT SYSTEM. VENT CONCEALED INSIDE WALLS ACCORDING TO CODE.
2. EQUIPMENT LOCATIONS, DUCT AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES, WITH BUILDING STRUCTURES, ELECTRICAL, ETC.. CONFIRM CHANGES WITH CONSULTANT. CO-ORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.
3. INSULATE DOMESTIC HOT WATER AND DOMESTIC COLD WATER PIPING. RUN PIPING IN CEILING SPACE AND DROP DOWN TO FIXTURES INSIDE PLUMBING WALLS WHERE APPLICABLE.
4. PROVIDE ALL CUTTING AND PATCHING REQUIRED FOR NEW PIPING. SEAL AND FINISH ALL PENETRATIONS TO MATCH EXISTING.
5. PROVIDE SHUT-OFF VALVES AT ALL FIXTURES.
6. PROVIDE CLEANOUTS AS PER PLUMBING CODE.
7. CONFIRM ADEQUATE PIPE SLOPES EXISTS FOR NEW DRAINAGE PIPING.
8. CONFORM TO CAN/CSA-B149.1-05 NATURAL GAS AND PROPANE INSTALLATION CODE.
9. FIELD VERIFY LOCATIONS OF EXISTING PLUMBING AND CAREFULLY REMOVE ALL FIXTURES. NEW FIXTURES TO USE EXISTING PLUMBING WHERE POSSIBLE. CONFIRM LOCATIONS WITH ARCHITECT PRIOR TO INSTALLING NEW FIXTURES.

**KEY NOTES:**

1. REMOVE EXISTING WATER CLOSETS AS INDICATED. EXISTING WATER CLOSETS ARE TO BE REPLACED WITH NEW WATER CLOSETS AS PER DRAWING M3.0.
2. REMOVE EXISTING LAVATORY SINKS AS INDICATED. EXISTING LAVATORIES ARE TO BE REPLACED WITH NEW LAVATORY SINKS AS PER DRAWING M3.0.
3. REMOVE EXISTING URINALS AS INDICATED. EXISTING URINALS ARE TO BE REPLACED WITH NEW URINALS AS PER DRAWING M3.0.
4. REMOVE EXISTING WATER CLOSET. DISCONNECT AND REMOVE ALL ABOVE SLAB DRAINAGE LINES. CAP DRAINAGE LINES BELOW SLAB AND PATCH FLOOR TO MATCH EXISTING. REMOVE DOMESTIC WATER LINES UP TO MAIN BRANCH AND CAP. PATCH WALL PENETRATIONS AND MAKE GOOD.
5. REMOVE EXISTING LAVATORY SINK. DISCONNECT AND REMOVE ALL ABOVE SLAB DRAINAGE LINES. CAP DRAINAGE LINES BELOW SLAB AND PATCH FLOOR TO MATCH EXISTING. REMOVE DOMESTIC WATER LINES UP TO MAIN BRANCH AND CAP. PATCH WALL PENETRATIONS AND MAKE GOOD.
6. REMOVE EXISTING URINAL. DISCONNECT AND REMOVE ALL ABOVE SLAB DRAINAGE LINES. CAP DRAINAGE LINES BELOW SLAB AND PATCH FLOOR TO MATCH EXISTING. REMOVE DOMESTIC WATER LINES UP TO MAIN BRANCH AND CAP. PATCH WALL PENETRATIONS AND MAKE GOOD.
7. REMOVE EXISTING DRINKING FOUNTAIN. EXISTING DRINKING FOUNTAIN TO BE REPLACED WITH NEW DRINKING FOUNTAIN AS PER DRAWING M3.0.
8. REMOVE EXISTING HOT WATER TANK, EXPANSION TANK, HOT WATER RECIRCULATING PUMP AND REMOVE ASSOCIATED FLUE EXHAUST CHIMNEY. EXISTING HOT WATER TANK TO BE REPLACED WITH NEW GAS POWER VENTED HOT WATER TANK AS PER DRAWING M3.0. PATCH WALL PENETRATIONS AND MAKE GOOD. EXISTING DOMESTIC WATER PIPING TO REMAIN.
9. EXISTING GREASE INTERCEPTOR TO REMAIN. CLEAN OUT AND CONFIRM IT IS IN GOOD WORKING ORDER. IF IT IS NOT, PROVIDE PRICE FOR REPLACEMENT.
10. REMOVE EXISTING JANITOR SINK. DISCONNECT AND REMOVE ALL ABOVE SLAB DRAINAGE LINES. CAP DRAINAGE LINES BELOW SLAB AND PATCH FLOOR TO MATCH EXISTING. REMOVE DOMESTIC WATER LINES UP TO MAIN BRANCH AND CAP. PATCH WALL PENETRATIONS AND MAKE GOOD.
11. REMOVE DOMESTIC WATER LINES UP TO MAIN BRANCH AND CAP. PATCH MAIN FLOOR AND BASEMENT CEILING TO MATCH EXISTING AND MAKE GOOD.
12. REMOVE EXISTING HOSE BIBB. DISCONNECT AND REMOVE DOMESTIC WATER LINE UP TO MAIN BRANCH AND CAP. PATCH WALL PENETRATION WATER AND AIR TIGHT AND MAKE GOOD.
13. REMOVE EXISTING DOMESTIC WATER PIPING FOR DUCK POND/SKATING RINK FLOODING. DISCONNECT DOMESTIC WATER LINES UP TO MAIN BRANCH AND CAP. PATCH WALL PENETRATIONS AND MAKE GOOD. RETAIN EXISTING DCW AND DHW SHUTOFF VALVES, BACKFLOW PREVENTER, HOSE REEL AND MOUNTING BRACKETS TO RELOCATE AS PER DRAWING M3.0.
14. REMOVE EXISTING FLOOR DRAIN. DISCONNECT AND REMOVE ALL ABOVE SLAB DRAINAGE LINES. CAP DRAINAGE LINES BELOW SLAB AND PATCH FLOOR TO MATCH EXISTING AND MAKE GOOD.
15. REMOVE EXISTING FLOOR DRAIN. EXISTING FLOOR DRAIN TO BE REPLACED WITH NEW FLOOR DRAIN AS PER DRAWING M3.0.

THIS DRAWING MUST NOT BE SCALED.

THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATINGS, AND LEVELS PRIOR TO COMMENCEMENT OF WORK. ALL ERRORS AND OMISSIONS TO BE REPORTED TO NUMBER TEN ARCHITECTURAL GROUP BEFORE PROCEEDING.

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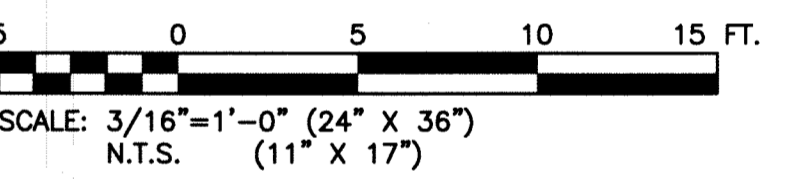
REVISED / ISSUED / PLOTTED	DATE

Rev. 0 - ISSUED FOR TENDER      NOVEMBER 21/2011

**LEGEND:**

	EXISTING EQUIPMENT OR PIPING TO BE REMOVED
	EXISTING EQUIPMENT OR PIPING TO REMAIN
	DHW - DOMESTIC HOT WATER SUPPLY
	DCW - DOMESTIC COLD WATER SUPPLY
	DHWR - DOMESTIC HOT WATER RETURN
	UNDER SLAB PIPING
	RWL - RAINWATER LEADER
	SS - SANITARY SEWER
	G - GAS PIPING
	F.D. - FLOOR DRAIN
	C.O. - CLEANOUT
	D.F. - DRINKING FOUNTAIN
	B - BOILER
	HWT - HOT WATER TANK
	G.I. - GREASE INTERCEPTOR
	H.B. - HOSE BIBB
	WM - WATER METER
	GM - GAS METER

SCALE VERIFIED BY: *CMW*



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architecture • interior design • graphic design

**PEGIUS PAVILION**  
**UPGRADES & ENTRY ADDITION**  
 BIDDING #913-2011

project

**BASEMENT FLOOR PLAN**  
**SANITARY SEWER PIPING AND**  
**DOMESTIC WATER PIPING - DEMOLITION**

sheet title

**KGS GROUP** CONSULTING ENGINEERS

consultant

**APEG**  
 Certificate of Authorization  
 KGS Group  
 No. 245

**R.B. BODNAR**  
 REGISTERED PROFESSIONAL ENGINEER

scale: 3/16"=1'-0"  
 date: October 15, 2011

drawn by: VJH  
 checked by: RBB

project no. 2011026      sheet no. **M1.0**