MECHANICAL SPECIFICATIONS	MECHANICAL SPEC'S CONTINUED:	MECHANICAL SPEC'S CONTINUED:	NOTES:
1.0 GENERAL	.5 DRAIN AND VENT PIPING	.2 ELECTRONIC, SENSOR ACTIVATED TOILET FLUSH VALVE SHALL FEATURE SELF-CLEANING	
.1 VISIT JOBSITE DURING TENDER. DRAWINGS INDICATE APPROXIMATE LOCATION OF EXISTING MECHANICAL	.1 PIPE AND FITTINGS SHALL CONFORM TO STANDARDS LISTED IN APPLICABLE BUILDING CODE	PISTON VALVE WITH INTEGRAL WIPER SPRING IN REFILL ORIFICE TO PREVENT CLOGGING.	
EQUIPMENT AND SERVICES. VERIFY EXACT LOCATIONS OF EXISTING MECHANICAL EQUIPMENT AND SERVICES AND ALLOW FOR NECESSARY RELOCATING OF NOTED SERVICES (OR RECONNECTION TO	(LATEST REVISION). .2 ALL CAST IRON SOIL PIPE SHALL BE CLASS 4000.	INCLUDES A LONG-LIFE BATTERY PACK (WITH 10 YEAR LIFE) AND FULLY MECHANICAL MANUAL OVERRIDE THAT CAN FLUSH THE VALVE WITHOUT POWER. INCLUDES	
EXISTING SERVICES) TO SUIT NEW CONSTRUCTION.	.3 NO PLASTIC, ASBESTOS OR ALUMINUM PIPE WILL BE ACCEPTED UNLESS SPECIFICALLY CALLED	DEZINCIFICATION-RESISTANT BRASS VALVE BODY AND METAL COVER WITH CHROME	
.2 ALL WORK SHALL CONFORM TO MANITOBA BUILDING CODE AND LOCAL AUTHORITIES. APPLY FOR, OBTAIN AND PAY FOR ALL NECESSARY PERMITS.	FOR. .6 WATER PIPING	FINISH. INCLUDES ANGLE STOP WITH BACK-FLOW PROTECTION & VANDAL-RESISTANT CAP. SWEAT SOLDER KIT AND HIGH BACK PRESSURE VACUUM BREAKER ALSO INCLUDED. 1,28	
.3 COORDINATE INSTALLATION WITH ALL RELATED TRADES, INTERIOR DESIGN PLANS AND REFLECTED CEILING	.1 PIPE - TYPE 'L' THIRD PARTY CERTIFIED HARD COPPER TUBE.	GPF / 4.8 LPF FLUSH VALVE SHALL BE AMERICAN STANDARD MODEL # 6066.121.002.	
PLANS. VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING EQUIPMENT AND SERVICES PRIOR TO	.2 FITTINGS - WROT OR CAST SOLDER JOINT.	.6 LAV-1 BATHROOM SINK	
PROCEEDING WITH WORK. 4 SUBMIT SHOP DRAWINGS FOR ALL EQUIPMENT TO CONTRACT ADMINISTRATOR.	.7 BALL VALVES .1 TOYO FIG. 5049A.	.1 FRANK VANITY SINK-WITH LEDGE, MODEL RANGE: COMMERCIAL SINK, V1619-6-3. SINGLE COMPARTMENT SELF RIMMING VANITY BASIN WITH FAUCET LEDGE. 18 GAUGE (1.2 MM),	
.5 PROVIDE ONE YEAR GUARANTEE FOR ALL EQUIPMENT.	.8 CLEANOUTS	TYPE 304 (CNS 18/10) STAINLESS STEEL. MIRROR FINISHED RIM, #4 SATIN FINISHED BOWL.	
.6 ALL CONNECTIONS TO EXISTING BUILDING MECHANICAL SERVICES SHALL BE COORDINATED WITH THE CONTRACT ADMINISTRATOR.	.1 CLEANOUTS IN CAST IRON SOIL PIPE SHALL CONSIST OF CAST IRON FERRULE WITH BRASS PLUG HAVING RAISED HEAD.	UNDERCOATED TO REDUCE CONDENSATION AND RESONANCE. INCLUDES FACTORY APPLIED RIM SEAL, CUTOUT TEMPLATE, AND INSTALLATION HARDWARE, CERTIFIED TO	
.7 ALL NECESSARY CUTTING AND PATCHING SHALL BE PERFORMED BY CONTRACTOR. MECHANICAL	.2 CLEANOUTS IN COPPER DRAINAGE TUBE SHALL BE BRASS SCREWED PLUGS WITH RAISED HEAD.	ASME A112.19.3-2008 / CSA B45.4-08. CENTRE BACK WASTE LOCATION, ACCEPTS 1 1/4" (32	
SUBCONTRACTOR TO CO-ORDINATE ON SITE.	.9 CLEANOUT ACCESS COVER	MM) WASTE ASSEMBLY. 3 FAUCET HOLES 1 1/8" (28 MM) DIAMETER, 4" (102 MM) CENTRE	
.8 REFER TO INSTRUCTIONS TO BIDDERS FOR REQUIREMENTS REGARDING PROJECT PHASING, WORKING HOURS, SHUT-DOWN PROCEDURES, ACCESS, ETC.	.1 ZURN ZANB-1460-13-7" DIAM. POLISHED NICKEL BRONZE FRAME AND COVER. CLEANOUT ACCESS COVERS IN AREAS HAVING FLOOR FINISH SUCH AS V.A. TILE. TERRAZZO, OR CARPET, SHALL BE	SET. 16 3/8 X 18 1/2" OVERALL. 11 X 15 3/16 X 6" BOWL. (FB X LR X D). 416 X 470 MM OVERALL. 279 X 386 X 152 MM BOWL. (FB X LR X D).	
.9 PROVIDE MILCOR ACCESS DOORS IN DRYWALL CEILINGS AND WALLS FOR ACCESS TO MECHANICAL	SELECTED TO SUIT FINISH. COOPERATE WITH APPROPRIATE TRADES TO APPLY FINISH TO	.2 THE LAV-1 FAUCET SHALL BE DELTA(TECK COMMERCIAL) LAVATORY FAUCET MODEL	
EQUIPMENT. MINIMUM SIZE 24" X 18". 10 PRIOR TO DRILLING HOLES AND/OR OPENINGS IN EXISTING STRUCTURE. CONTRACTOR SHALL RETAIN	CLEANOUT COVERS SO THAT THEY WILL BE FLUSH WITH FLOOR, INCONSPICUOUS, AND ACCESSIBLE.	591T1250. SUPPLIED AS COMPLETE PRODUCT, H2OPTICS® TECHNOLOGY - NO EXTERNAL ADJUSTMENTS REQUIRED, CHROME-PLATED CAST 102 MM (4") SPOUT WITH INTEGRAL	
SERVICES OF NATIONAL TESTING LABORATORIES LIMITED TO LOCATE AND MARK ALL STRUCTURAL	.2 CLEANOUTS IN WALLS SHALL BE LOCATED ADJACENT TO AN ACCESS DOOR, OR SHALL HAVE	SENSOR, BATTERY (4 "C" CELL) INFRARED ELECTRONIC HANDWASH SYSTEM, ADJUSTABLE	
REINFORCING STEEL LOCATED IN AREA WHERE CUTTING OR DRILLING IS PROPOSED. AT NO TIME SHALL	SUITABLY FINISHED ACCESS COVER FLUSH WITH WALL SO AS TO PRESENT NEAT FINISHED	SENSING RANGE AND TIMEOUT, SURFACE MOUNT HOUSING, SERVICEABLE FILTER	
REINFORCING STEEL BE CUT WITHOUT PRIOR WRITTEN APPROVAL FROM STRUCTURAL ENGINEER QUALIFIED AND LICENSED TO PRACTICE IN PROVINCE OF MANITOBA. NO HOLES OR OPENINGS WILL BE PERMITTED	APPEARANCE AND LEAVE CLEANOUT EASILY ACCESSIBLE10 JOINTING	SCREEN UPSTREAM OF THE SOLENOID VALVE, 0.5GPM3 THERMOSTATIC MIXING VALVE SHALL BE DELTA (TECK COMMERCIAL) MODEL R3070-MIXLF.	
WITHIN AREA OF STRUCTURAL DROP PANELS LOCATED AT COLUMNS.	.1 MAKE ALL JOINTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.	POINT OF USE THERMOSTATIC MIXING VALVE, THERMOSTATIC ELEMENT SENSES THE	
.11 ALL INTERIOR SPACE POWER HAMMERING, DRILLING AND OTHER NOISY WORK SHALL BE PERFORMED	.2 BRACE FITTINGS NECESSARY TO PREVENT JOINTS FROM COMING APART UNDER PRESSURE.	OUTLET WATER TEMPERATURE AND REACTS TO MAINTAIN A CONSTANT DELIVERY	
BETWEEN HOURS OF 6:00 P.M. AND 8:00 A.M12 BIDDING QUOTATIONS SHALL BE BASED ON THE USE OF SPECIFIED EQUIPMENT, UNLESS ACCEPTANCE FOR	.3 MAKE JOINTS IN DOMESTIC WATER AND DRAINAGE SYSTEMS WITH SOLDER CONTAINING NO LEAD. SOLDER MATERIAL SHALL BE SILVERBRITE 100 OR EQUAL CONSISTING OF COMBINATION OF TIN,	TEMPERATURE EVEN UNDER CHANGING FLOWS OR VARIATIONS IN SUPPLY TEMPERATURES OR PRESSURES, INTEGRAL CHECK VALVES IN HOT AND COLD INLETS TO	
THE USE OF EQUAL MANUFACTURERS IS OBTAINED FROM THE CONTRACT ADMINISTRATOR PRIOR TO	COPPER AND SILVER.	PREVENT CROSSFLOW, FORGED BRASS BODY CONSTRUCTION, OUTLET TEMPERATURE	
BIDDING SUBMISSION13 FURNISH TO THE CONTRACT ADMINISTRATOR THREE (3) COMPLETE SETS OF MANUFACTURER'S OPERATING	.11 CLEANING AND FLUSHING .1 ON COMPLETION, FLUSH OUT PIPING SYSTEM TO REMOVE ANY FOREIGN MATERIAL IN PIPING.	RANGE 95 - 120°F (35 - 49°C), MAXIMUM FLOW RATE 5.8 GPM (22 L/MIN) @ 45 PSI PRESSURE LOSS, MINIMUM FLOW RATE 0.35 GPM (1.3 L/MIN), MAXIMUM WORKING PRESSURE 230 PSI	
AND MAINTENANCE INSTRUCTIONS FOR ALL EQUIPMENT REQUIRING MAINTENANCE. REVIEW INSTRUCTIONS	.1 ON COMPLETION, FLOSH OUT PIPING SYSTEM TO REMOVE ANY FOREIGN MATERIAL IN PIPING12 TESTING	(1600 KPA). PRESSURE DIFFERENCE BETWEEN HOT AND COLD SHALL BE LESS THAN 20%,	
WITH CONTRACT ADMINISTRATOR TO ENSURE A THOROUGH UNDERSTANDING OF THE EQUIPMENT AND ITS	.1 PRESSURE TEST ALL PIPING SYSTEMS AS FOLLOWS:	MAXIMUM HOT WATER SUPPLY TEMPERATURE 195°F (90°C), MINIMUM 15°F GREATER	
OPERATION14 PIPE HANGERS SHALL BE GRINNELL FIG. 65 FOR STEEL PIPE AND FIG. CT65 FOR COPPER PIPE. ALL WITH FIG.	.1 PLUMBING SYSTEM - IN ACCORDANCE WITH LOCAL REGULATIONS2 WATER SUPPLY PIPING - TEST WITH WATER TO 100 PSIG AT HIGHEST POINT OF SYSTEM.	THAN OUTLET TEMPERATURE, INLETS/OUTLETS: 3/8" COMPRESSION, SNAP-ON COVER OVER A SPINDLE MECHANISM THAT REQUIRES A SPECIAL TOOL TO ADJUST	
140 THREADED ROD ATTACHED TO FIG. 117 EXPANSION CASE SET IN HOLES DRILLED IN CONCRETE, OR	MAINTAIN PRESSURE WITHOUT LOSS FOR 4 HOURS.	TEMPERATURE. THIS SPECIAL TOOL IS PROVIDED WITH EACH VALVE, REGULATING PISTON	
ATTACHED TO FIG. 225 OR 227 CLAMP ATTACHED TO JOISTS OR BEAMS.	.3 CONTRACT ADMINISTRATOR'S REPRESENTATIVE SHALL WITNESS TESTS. GIVE 48 HOURS	MADE FROM ENGINEERED POLYMER, OUTLET FLOW REDUCED TO A TRICKLE IN THE	
.15 ALL EXTRANEOUS MATERIAL IN CEILING SPACE UNRELATED TO NEW AND REVISED WORK SHOWN, INCLUDING PIPING, CONTROL TUBING, DUCTWORK, ETC. SHALL BE REMOVED.	NOTICE IN ADVANCE OF TESTS4 NATURAL GAS SYSTEM - IN ACCORDANCE WITH LOCAL REGULATIONS.	EVENT OF A COLD WATER SUPPLY FAILURE. .4 THE LAV-1 DRAINAGE/SUPPLIES SHALL BE DELTA MODEL 33T311, 1-1/4 P TRAP, 14-1/2"	
.16 PROVIDE FIRESTOPPING FOR ALL OPENINGS IN FIRE SEPARATIONS FOR PASSAGE OF PIPES, DUCTS, ETC. TO	.13 HANGERS	FROM CENTERLINE OF INLET TO OUTLET, WITH CLEANOUT PLUG, POLISHED CHROME	
MAINTAIN INTEGRITY OF FIRE SEPARATIONS AS PER MANUFACTURER'S PUBLISHED RECOMMENDATIONS. .17 INSTALLATION OF WORK SHALL BE COORDINATED WITH THE PRIME CONTRACTOR AND SHALL BE	.1 WATER - GRINNELL CT65 PLATED CLEVIS2 DRAINAGE - GRINNELL 260 CLEVIS.	PLATED, CAST BRASS BODY, ADJUSTABLE.	
SCHEDULED SO AS NOT TO ENDANGER OR DISTURB THE USERS OF THE BUILDING. SHUTDOWN OF EXISTING	.3 INSTALL HANGERS 6 FT. ON CENTRE FOR PIPES UP TO 1", 8 FT. ON CENTRE FOR PIPES 1 1/4" AND	4.0 VENTILATION	
BUILDING SYSTEMS SHALL BE COORDINATED WITH THE CONTRACT ADMINISTRATOR.	LARGER.	.1 DUCTWORK	
.18 ALL WIRING FOR EQUIPMENT SPECIFIED HEREIN SHALL BE BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED.	.14 FIXTURES .1 SH-1 SHOWER AND TRIM	.1 GALVANIZED IRON SCHEDULE: MAX. SIDE GAUGES (USSG) BRACING	
.19 CONTRACTOR SHALL REVIEW ALL EQUIPMENT REQUIRING ELECTRICAL HOOK-UP WITH ELECTRICAL	.1 REUSE THE EXISTING SHOWER HEADS.	UP TO 24" 24 NONE	
CONTRACTOR AND ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT. ENSURE PROPER ELECTRICAL CHARACTERISTICS ARE DETERMINED FOR ALL AFFECTED AND RELATED WORK.	.2 SHOWER ROUGH IN VALVE SHALL BE GROHE GROHSAFE MODEL#35110000, ½" UNIVERSAL INLETS, ½" UNIVERSAL OUTLETS, HANDLE LIMIT STOP, INCLUDE PLUG FOR 3-PORT	25 TO 30" 24 1" X 1" X 1/8" ANGLE, 4' FROM JOINT.	
20 PRIOR TO INSTALLATION OF THE CEILING, NOTIFY THE CONTRACT ADMINISTRATOR AND ARRANGE FOR A	INSTALLATION, UNIVERSAL CONNECTION IS 1/2" MALE THREADS BY COPPER SWEAT.	31 TO 40" 22 1" X 1" X 1/8" ANGLE,	
FINAL REVIEW OF THE WORK. FOR UNDERTAKING THIS REVIEW, THE FOLLOWING SHALL BE COMPLETED:	SERVICE STOP, MAX. FLOW RATE (BOTTOM PORT)3.0 GPM AT 45 PSI, AND (TOP PORT) 5.2	4' FROM JOINT.	
.1 ALL SYSTEMS TO BE FULLY OPERATIONAL, AS-BUILT DRAWINGS SUPPLIED AND OPERATING AND MAINTENANCE MANUALS SUBMITTED. TWO (2) DAYS NOTIFICATION (IN WRITING) IS REQUIRED TO BE	GPM AT 45 PSI. GROHE EUROSMART PRESSURE BALANCE VALVE TRIM WITH CARTRIDGE, MODEL# 14462000.	ROUND DUCT UP TO 19" 26 NONE	
GIVEN TO THE CONTRACT ADMINISTRATOR PRIOR TO REVIEWS BEING UNDERTAKEN.	.3 SHOWER DRAIN SHALL BE OF BRASS CONSTRUCTION. PRODUCT IS INTENDED FOR	.2 WHERE DUCT WIDTH EXCEEDS 18" IN LARGEST DIMENSION, STIFFEN BY BREAKING SHEETS	
.2 ALL DEFICIENCIES SHALL BE COMPLETED WITHIN TWO (2) WEEKS OF AN AGREED PERIOD OF TIME	INSTALLATIONS WITH 2" CAULK CONNECTION. DRAIN SHALL BE LESS STOPPER, BODY, AND	DIAGONALLY.	
AFTER FINAL REVIEW AND A LETTER SHALL BE SUBMITTED TO THE CONTRACT ADMINISTRATOR WITHIN THAT TIME ADVISING OF SUCH, FAILURE TO COMPLETE WORK MAY RESULT IN WORK BEING	TAILPIECE. PRODUCT SHALL INCLUDE HOUSING, CONNECTION GASKET, AND PERFORATED STRAINER. DRAIN SHALL BE KOHLER MODEL K-9132-CP.	.3 DUCT SIZES SHOWN ARE INSIDE DIMENSIONS. IF DUCTS ARE ACOUSTICALLY LINED, OUTSIDE DUCT SIZE TO BE INCREASED TO SUIT.	
DONE BY THE OWNER AND THE COSTS DEDUCTED FROM FINAL PAYMENT.	.2 SH-2 SHOWER AND TRIM	.4 DUCTWORK SHALL BE CONSTRUCTED AS RECOMMENDED IN ASHRAE GUIDE.	
3 .21 WHERE MECHANICAL SERVICES ARE CONCEALED WITHIN WALLS, FLOORS OR CEILINGS AND CANNOT BE VISUALLY IDENTIFIED. PROVIDE ELECTRONIC SCANNING DEVICES OR OTHER APPROVED MEANS TO LOCATE	(.1 SINGLE-FUNCTION WALL-MOUNT SHOWERHEAD SHALL BE KOHLER MODEL K-10282-AK. MINIMIZES WASTEFUL OVERSPRAY AND INCREASES CLEANING AND HAIR-RINSING	.5 SEAL ALL JOINTS (NEW AND EXISTING) AIRTIGHT WITH DURO-DYNE S-2 DUCT SEALER OR EQUAL, IN STRICT ACCORDANCE WITH MANUFACTURER'S PUBLISHED RECOMMENDATIONS. PRIOR TO	
AND IDENTIFY CONCEALED SERVICES PRIOR TO WORK START. MAKE GOOD ANY DAMAGE TO EXISTING	PERFORMANCE. 2.5 GPM (9.5 LPM) MAXIMUM FLOW RATE. SINGLE FUNCTION	APPLICATION, DUCTWORK TO BE DRY AND FREE OF GREASE, ETC. USE 1/4" BEAD OF MATERIAL	
MECHANICAL SERVICES AT NO COST TO THE CONTRACT.	SHOWERHEAD WITH 66 NOZZLE 5-1/2" (140 MM) DIAMETER SPRAY FACE. KATALYST®	ALONG JOINTS. MATERIAL, WHEN DRY, TO HAVE 1/8" DEPTH EXTENDING 1" ON EACH SIDE OF JOINT	
22 SILICONE ALL FIXTURES TO ADJACENT WALLS, FLOORS OR COUNTERTOPS	AIR-INDUCTION TECHNOLOGY MAXIMIZES THE AIR/WATER MIX FOR A POWERFUL, EVEN FLOW. OPTIMIZED SPRAYFACE FOR MAXIMUM PERFORMANCE, MASTERCLEAN® SPRAY	OR SEAM. .6 SIZE ROUND DUCTS, INSTALLED IN PLACE OF RECTANGULAR DUCTS, FROM ASHRAE TABLE OF	1 ISSUED FOR ADDENDUM #2 EAG JU
2.0 INSULATION	NOZZLES TO PROHIBIT MINERAL BUILD-UP FOR EASY CLEANING. 1/2" NPT CONNECTION.	EQUIVALENT RECTANGULAR AND ROUND DUCTS.	0 ISSUED FOR CONSTRUCTION EAG JU
.1 INSULATE ALL DOMESTIC WATER PIPING WITH 1/2" FIBERGLAS 7 LB. DENSITY, PIPE INSULATION WITH ASJ AS	(2.2 KOHLER FORTE RITE-TEMP® SHOWER VALVE TRIM K-TLS10276-4. INCLUDES FACE PLATE	.7 PRIOR TO FABRICATION OF DUCTWORK, CHECK ALL CEILING SPACES AND HEIGHTS FOR	The state of the s
PER MFG. RECOMMENDATIONS. SEAL ALL BREAKS, JOINTS WITH ASJ TAPE. .2 ALL COLD PIPING INSULATION SHALL BE C/W WITH VAPOUR BARRIER.	WITH HANDLE, SHOWER ARM AND FLANGE. SINGLE HANDLE CONTROLS BOTH ON/OFF ACTIVATION AND TEMPERATURE SETTINGS. SUPPLIED WITH METAL SCULPTED HANDLE.	CONFLICTION WITH OTHER TRADES. .8 DUCT AND EQUIPMENT SUPPORTS, HANGERS AND INSERTS	No. REVISION/DESCRIPTION BY D
3 INSULATION ON PIPING IN FINISHED AREAS TO BE RE-CANVASSED OR COVERED WITH WHITE P.V.C.	S.3 KOHLER RITE-TEMP VALVE BODY AND CARTRIDGE KIT COMPLETE K-8304-K. INCLUDES	.1 SUPPORT HORIZONTAL DUCTS ON MAXIMUM 8'-0" CENTRES BY NON-PERFORATED GALV.	SEAL
INSULATION COVER.	VALVE BODY, PRESSURE BALANCE CARTRIDGE, ROUGH-IN GUIDE, AND MUDGUARD. 1/2" } UNIVERSAL NPT & DIRECT SWEAT INLETS & OUTLETS. 5.0 GPM (18.9 L/MIN) MAXIMUM FLOW	STEEL, RIVETTED STRAP FOR DUCTWORK 36" (EITHER DIMENSION) OR LESS, AND MINIMUM 1" X 1" X 1/8" GALV. IRON PASSING UNDER DUCTS 37" OR OVER (EITHER DIMENSION) WITH	NGE OF MANY
3.0 PLUMBING	RATE AT 45 PSI. SINGLE LEVER DESIGN CYCLES FROM OFF THROUGH COLD TO HOT.	3/8" DIAM. THREADED RODS SUSPENDING ANGLES FROM STRUCTURE.	2020-06-22
.1 PROVIDE LABOUR, MATERIAL, EQUIPMENT AND SERVICES NECESSARY FOR AND INCIDENTAL TO SUPPLY AND	PROVIDES TEMPERATURE REGULATION AND AUTOMATIC ANTI-SCALD PROTECTION. ONE	.2 FOR INSERTS IN EXISTING CONCRETE, USE HILTI H.K.D. STEEL ANCHORS.	(X. WU) E
INSTALLATION OF SYSTEMS SHOWN ON DRAWINGS. GENERALLY THIS SHALL INCLUDE: .1 DRAINAGE SYSTEM	PIECE CARTRIDGE DESIGN SIMPLIFIES INSTALLATION AND MAINTENANCE. ADJUSTABLE HIGH TEMPERATURE LIMIT STOP TO CONTROL MAXIMUM WATER TEMPERATURE.	.9 MANUAL VOLUME DAMPERS TO BE #16 GA. GALV. STEEL, STIFFENED. DAMPERS HARDWARE TO BE DURO-DYNE KS-145, KS-385 OR KS-12 AS RECOMMENDED BY MANUFACTURER.	Member A
.2 WATER SUPPLY SYSTEM	(.4 DRAIN SHALL BE KOHLER MODEL K-9132-CP.	.10 FIRE DAMPERS SHALL CONFORM TO MANITOBA FIRE CODE AND LOCAL AUTHORITIES. ALL FIRE	PROFESSION
.3 VENT SYSTEM	.3 MS-1 MOP SINK	DAMPERS TO BE TYPE 'B', I.E. BLADES OUT OF AIR STREAM.	The state of the s
.2 DRAINAGE SYSTEMS .1 PROVIDE COMPLETE SYSTEMS OF DRAINAGE AND VENTING TO SERVE ALL FIXTURES, EQUIPMENT,	.1 MOP SERVICE BASIN SHALL BE FIAT MODEL MSB2424. WHITE MOLDED -STONE MOP SERVICE BASIN. SERVICE FAUCET 830-AA; HOSE AND HOSE BRACKET 832-AA.; MOP	.11 PROVIDE INSULATED ACCESS DOORS AT ALL FIRE DAMPERS, COILS, AIR VALVES AND WHERE NOTED.	DRAWN EAG CHECKED DESIGNED APPROVED
ETC. AS NOTED ON DRAWINGS AND IN ACCORDANCE WITH LOCAL CODES.	HANGER 889-CC; STAINLESS STEEL BUMPERGUARD; STAINLESS STEEL WALL GUARD.	.12 DIFFUSERS, GRILLES AND REGISTERS	DATE 2020.06.22 USER
.2 ALL DRAINAGE PIPING TO W.C.'S SHALL BE 4"Ø MIN3 CLEANOUTS:	.4 UR-1 FLUSH VALVE URINAL .1 REUSE EXISTING URINALS.	.1 REFER TO SCHEDULE. .13 PROVIDE FOR TEMPORARY FILTERS AT EXISTING MAIN RETURN AIR DUCTS DURING CONSTRUCTION	APPROVAL
.3 CLEANOUTS: .1 INSTALL CLEANOUTS AT ALL CHANGES OF DIRECTION, AT INTERVALS OF NOT OVER FIFTY	.1 REUSE EXISTING URINALS2 ELECTRONIC, SENSOR ACTIVATED URINAL FLUSH VALVE SHALL FEATURE SELF-CLEANING	ON EACH FLOOR BEING RENOVATED. REPLACE FILTERS REGULARLY DURING THE CONSTRUCTION	THE CITY OF WINNIPEG
FEET (50) IN HORIZONTAL RUNS, AT ALL POINTS WHERE OBSTRUCTIONS MIGHT BE	PISTON VALVE WITH INTEGRAL WIPER SPRING IN REFILL ORIFICE TO PREVENT CLOGGING.	PERIOD. REMOVE TEMPORARY FILTERS AT END OF CONSTRUCTION AND PRIOR TO AIR BALANCING.	Winnipeg PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
FORMED AND AT ALL POINTS REQUIRED BY PLUMBING REGULATIONS OR SHOWN ON DRAWINGS.	INCLUDES A LONG-LIFE BATTERY PACK (WITH 10 YEAR LIFE) AND FULLY MECHANICAL MANUAL OVERRIDE THAT CAN FLUSH THE VALVE WITHOUT POWER. INCLUDES	.14 FLEXIBLE AIR DUCTS SHALL CONFORM TO UL-181, NFPA 90A AND SHALL HAVE A FIRE RATING TO SUIT WALL RATING. USE MAXIMUM OF 18" LENGTH STRAIGHT RUN TO EACH BOOT CONNECTION.	MUNICIPAL ACCOMMODATIONS DIVIS
.3 WATER SUPPLY	DEZINCIFICATION-RESISTANT BRASS VALVE BODY AND METAL COVER WITH CHROME	CONTRACE TO A THE CONTROL OF THE LEMONT OF THE LEMONT OF THE LAUTE DOOR CONNECTION.	3—65 GARRY STREET, R3C 4K4 PROJECT
.1 PROVIDE COMPLETE SYSTEM OF WATER SUPPLY PIPING AS NOTED ON DRAWINGS.	FINISH. INCLUDES ANGLE STOP WITH BACK-FLOW PROTECTION & VANDAL-RESISTANT CAP.		WINNIPEG FIRE PARAMEDIC SERVICES
.2 GRADE HORIZONTAL RUNS OF PIPING TO DRAIN THROUGH RISERS3 INSTALL DRAIN VALVES IN MAINS FOR COMPLETE DRAINAGE.	SWEAT SOLDER KIT AND HIGH BACK PRESSURE VACUUM BREAKER ALSO INCLUDED. 1.0 GPF / 3.8 LPF FLUSH VALVE SHALL BE AMERICAN STANDARD MODEL # 6064.101.002.		FIRE STATION #23
.4 INSTALL DIELECTRIC INSULATING COUPLINGS BETWEEN ALL PIPES CONSTRUCTED OF DISSIMILAR	.5 WC-1 WATER CLOSET		RENOVATIONS TO WASHROOMS AND SECOND FLO
METALS. 5 PROVIDE SHOCK ABSORBER UPSTREAM OF EVERY SOLENOID VALVE OR QUICK CLOSING VALVE.	.1 AMERICAN STANDARD MADERA™ FLOWISE® 16-1/2" HEIGHT ELONGATED FLUSHOMETER TOILET, FLOOR MOUNT FLUSHOMETER VALVE TOILET, VITREOUS CHINA, HIGH EFFICIENCY.		880 DALHOUSIE DRIVE TENDER NO. 349-2
THIS APPLIES ALSO TO NIC EQUIPMENT HAVING SOLENOID VALVES SUPPLIED BY OTHER DIVISIONS,	TOILET. FLOOR MOUNT FLUSHOMETER VALVE TOILET, VITREOUS CHINA, HIGH EFFICIENCY, LOW CONSUMPTION. OPERATES IN THE RANGE OF 1.1 GPF TO 1.6 GPF (4.2 LPF TO 6.0 LPF),		SHEET TITLE
SUCH AS WASHING MACHINES, DISHWASHERS, ETC. REVIEW PROPOSED LOCATION AND TYPE OF	MEETS DEFINITION OF HET (HIGH EFFICIENCY TOILET) WHEN USED WITH A HIGH		MECHANICAL
SHOCK ABSORBERS WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION. 4 INSTALL BACKFLOW PREVENTION DEVICES IN ACCORDANCE WITH CITY OF WINNIPEG BACKFLOW	EFFICIENCY FLUSH VALVE (1.28 GPF OR 1.6 / 1.1 GPF DUAL FLUSH),PERMANENT EVERCLEAN® SURFACE INHIBITS THE GROWTH OF STAIN AND ODOR-CAUSING BACTERIA.		
- OWLES CONTROL OF THE PROPERTY OF THE PROPERT	EVENOLETING OUTLAND HIT HILL OF OUT THE OFFICE AND OFFICE DATE OF THE OFFICE OF		SPECIFICATIONS
PREVENTION BY-LAW. INCLUDE COSTS OF ALL TESTING.	MOLD, AND MILDEW ON THE SURFACE, FULLY GLAZED 2-1/8" TRAPWAY, ELONGATED		
• 1	BOWL,10" OR 12" ROUGHING-IN, 16-1/2" RIM HEIGHT FOR ACCESSIBLE APPLICATION,		
• 1			SCALE PROJECT No: SHEET No: M3-R

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