SPECIFICATIONS:

- 1. MECHANICAL SUB CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE WORKING INSTALLATION AS SHOWN ON THE DRAWINGS AND THE SPECIFICATIONS. MECHANICAL SUB CONTRACTOR WILL PROVIDE ONE YEAR WARRANTY ON ALL LABOUR AND EQUIPMENT UPON FINAL ACCEPTANCE BY THE CITY AND CONTRACT ADMINISTRATOR...
- 2. THE LOCATION, ROUTING AND ELEVATION OF ALL NEW AND EXISTING SERVICES AND UTILITIES AS SHOWN ON THE DRAWINGS ARE TO BE CONSIDERED AS APPROXIMATIONS ONLY. VERIFY EXACT LOCATIONS, ROUTINGS, AND ELEVATIONS OF ALL SERVICES PRIOR TO COMMENCING WORK AND ASSUME RESPONSIBILITY FOR LAYING OUT ALL WORK. THE CONTRACTOR SHALL RETAIN RESPONSIBILITY FOR ANY DAMAGE TO EXISTING SERVICES AND UTILITIES.
- 3. ALL CUTTING, PATCHING AND RELATED CONSTRUCTION WORK IS TO BE PERFORMED BY CONTRACTOR UPON INSTRUCTION FROM MECHANICAL SUB CONTRACTOR.
- 4. ALL PLUMBING WORK TO BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL PLUMBING
- 5. PERMITS: CONTRACTOR IS RESPONSIBLE FOR GIVING ALL NECESSARY NOTICES, OBTAINING ALL NECESSARY PERMITS AND PAYING ALL APPLICABLE FEES.
- 6. A MINIMUM OF SIX (6) COPIES OF MANUFACTURER'S SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL ON ALL EQUIPMENT OR E-MAIL TO CONTRACT ADMINISTRATOR.
- 7. FURNISH TO THE CONTRACT ADMINISTRATOR THREE (3) HARD COVER LOOSE LEAF BINDERS CONTAINING A COMPLETE SET OF MANUFACTURER'S OPERATING AND MAINTENANCE MANUALS C/W SPARE PARTS LIST, ADDRESSES, DETAILED
- 8. INSTALL EQUIPMENT AND PIPING WITH ADEQUATE CLEARANCES FOR HEADROOM, PASSAGE, OPERATION, SERVICE AND
- 9. QUOTATIONS SHALL BE BASED ON THE USE OF THE SPECIFIED MANUFACTURER UNLESS ACCEPTANCE FOR THE USE OF AN EQUAL MANUFACTURER IS OBTAINED FROM THE CONTRACT ADMINISTRATOR
- 10. COORDINATE PLUMBING WITH DUCT RUNS, HYDRONIC PIPING, AND ALL OTHER TRADES.
- 11. ALL WIRING AND SUPPLY AND INSTALLATION OF DISCONNECT SWITCHES FOR EQUIPMENT SPECIFIED HEREIN SHALL BE PERFORMED BY THE ELECTRICAL SUB CONTRACTOR, UNLESS OTHERWISE NOTED.
- 12. PROVIDE DIELECTRIC COUPLINGS WHEREVER PIPES OF DISSIMILAR METALS ARE JOINED.
- 13. IDENTIFY ALL NEW PIPING WITHIN BUILDING INSTALLED IN THIS CONTRACT SHOWING SERVICE, PIPE SIZE, AND FLOW DIRECTION. USE CAPITAL LETTERS USING EITHER FIRE RESISTANT HIGH GLOSS INTERIOR ENAMEL PAINT OR WATERPROOF, HEAT RESISTANT PLASTIC MARKER TAGS (SIMILAR TO BRADLEY IDENTIFICATION TAPES, BANDS, MARKERS.) IDENTIFY AT MAXIMUM OF EVERY 50FT AND AT LEAST ONCE IN EACH ROOM. LOCATE SIZE AND LETTERING SUCH THAT IT CAN BE SEEN FROM FLOOR.
- 14. ALL PENETRATION THROUGH FIRE WALLS TO HAVE FIRE RATED DONUTS.
- 15. SHUTOFF VALVES AND PARTITION STOPS TO BE INSTALLED ON ALL LINES SERVING FIXTURES AND EQUIPMENT.
- 16. MAKE PROVISION TO SUPPLY AND INSTALL P-TRAPS ON ALL SINKS AND LAVS WHETHER SHOWN OR NOT.
- 17. ALL PIPING IN FIRE WALLS TO BE COPPER.
- 18. ALL SOIL STACKS PENETRATING SLAB TO BE EQUIPPED WITH A FISSION JOINT.

19. BURIED PIPE TO BE LAID IN TRENCH FREE OF BOULDERS OR HARD CLAY BOULDERS. LAY 6 INCHES OF CLEAN SAND ON BOTTOM OF TRENCH, LEVEL AND COMPACT, PLACE DRAIN PIPE ON COMPACTED MEDIA, COVER PIPE WITH 6 INCHES OF CLEAN SAND, BACKFILL WITH LOCAL MEDIA-NO BOULDERS.

<u>PIPE:</u>

- 1. ALL WATER PIPING ABOVEGROUND INSIDE BUILDING SHALL BE NEW TYPE "L" COPPER WITH LEAD FREE SOLDERED
- 2. SOIL AND VENT PIPING ABOVEGROUND INSIDE BUILDING SHALL BE: DWV COPPER WITH SOLDERED FITTINGS, CAST IRON WITH MJ FITTINGS, ABS, DWV DRAIN PIPING AND FITTINGS WITH SOLVENT CEMENT.
- 3. SOIL AND VENT PIPING BELOW GROUND INSIDE BUILDING SHALL BE CAST IRON CLASS 4000 WITH MJ FITTINGS, ABS OR PVC PLASTIC WITH SOLVENT CEMENT. PLASTIC PIPE ONLY WHERE ALLOWED BY PLUMBING CODE.
- 4. DRAINAGE PIPING BELOWGROUND OUTSIDE BUILDING SHALL BE CONCRETE PIPING, TRANSITE PIPE,, OR EXTRA STRENGTH PLASTIC PIPING.
- 5. DRAINS AND VENT PIPING BELOWGROUND OUTSIDE BUILDING SHALL BE CASTIRON CLASS 4000 WITH MJ FITTINGS, OR SDR-35 PVC PLASTIC WITH SOLVENT CEMENT FITTINGS
- 6. ALL VALVES TO BE BY ONE MANUFACTURER. STANDARD OF ACCEPTANCE: TOYO (RED & WHITE).

INSULATION:

- 1. DOMESTIC WATER 1 INCH DIAMETER FIBERGLASS INSULATION WITH ALL SERVICE JACKET, STAPLED @ 6 INCH O.C. PLACE 2 INCH WIDE ASJ TAPE OVER STAPLED JOINTS (ALL DOMESTIC WATER PIPING IS TO BE INSULATED.
- 2. VENT PIPING-FROM ROOF PENETRATION TO 10' 0" BACK, INSULATE AS PER DOMESTIC WATER (INSULATE ALL VENT PIPING LOCATED IN COLD ATTIC AREAS).

PRESSURE TEST

1. PRESSURE TEST DOMESTIC WATER PIPING (CONTRACT ADMINISTRATOR ON SITE TO VERIFY). PRESSURE TEST BURIED SANITARY PIPING PRIOR TO BACKFILL. BURIED PIPING TO BE INSPECTED BY DEPARTMENT OF LABOUR PRIOR TO BACKFILLING.

OUTSIDE SERVICES

1. PLUMBING SUB CONTRACTOR SHALL CONFIRM AND CO-ORDINATE WITH OUTSIDE SERVICES CONTRACTOR EXACT CONNECTION POINTS FOR INCOMING WATERMAINS AND SANITARY SEWER LINE LEAVING BUILDING. PLUMBING CONTRACTOR TO MAKE REQUIRED SERVICE CONNECTIONS FROM THIS POINT TO STREET SERVICES BY OUTSIDE SERVICES CONTRACTOR.

GAS SERVICE

- 1. PROVIDE INCOMING GAS SERVICE CONNECTION TO BUILDING AS SHOWN. GAS SERVICE SHALL BE COMPLETE WITH SHUT-OFF VALVE, PRV STATION, AND GAS METER. PROVIDE GAS GAS PIPE CONNECTIONS WITHIN BUILDING TO ALL GAS BURNING EQUIPMENT. ALL GAS PIPING INSTALLATIONS SHALL BE IN STRICT ACCORDANCE WITH LOCAL GAS CODES AND REGULATIONS. CONTRACTOR SHALL BE RESPONSIBLE WITH MAKING ARRANGEMENTS WITH LOCAL GAS UTILITY FOR PROVIDING INCOMING GAS SERVICE TO BUILDING, AND INCLUDE ANY COSTS FOR SERVICE IN HIS BID OPPORTUNITY QUOTATION. INCLUDED IN COSTS ARE ALLOWANCE FOR ADJUSTMENTS FOR FINAL ALTERED GAS SERVICE LOCATION AS CONFIRMED WITH GAS COMPANY UTILITY.
- 2. NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL PIPE, EQUAL TO ASTM A-53 SCH. 40 WITH 150 LBS STANDARD BLACK MALLEABLE IRON SCREWED FITTINGS. ALL WORK SHALL COMPLY WITH C.G.A. B1492-1995 CODE, COMPLETE WITH DEPARTMENT OF LABOUR GAS NOTICES, AND SHALL BE PERFORMED BY FULLY QUALIFIED GAS FITTERS AND/OR WELDERS LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA.

FD-1: FLOOR DRAIN - FINISHED AREA

Watts #FD-100-C-7-A5-1 Floor Drain, cast iron body, reversible flashing clamp with primary and secondary weepholes, trap primer connection with plug, no hub outlet. Watts -A5-1 5" (127 mm) diameter, nickel bronze, adjustable round strainer. ALL FLOOR DRAINS TO HAVE TRAP PRIMERS

FD-2; Zurn ZN-211-BE Funnel Floor Drain, Dura-Coated cast iron body with bottom outlet, adjustable "Type BE" polished nickel bronze round strainer with 4" 102 round

P.P.P. Inc. Model PR-500. All Brass with integral Vacuum Breaker, NPS ½" solder ends, ½" drip line connection.

WC-1 - FLOOR MOUNTED TOILET - VITREOUS CHINA - TANK TYPE

AMERICAN STANDARD CADET PRO RIGHT HEIGHT ELONGATED #215AA.004 TOILET, 419 MM HIGH, VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE WHICH INHIBITS THE GROWTH OF STAIN AND ODOR CAUSING BACTERIA MOLD AND MILDEW, FLOOR MOUNTED, CADET FLUSHING SYSTEM WITH POWERWASH RIM SIPHON FLUSHING SYSTEM WHICH SCRUBS BOWL WITH EVERY FLUSH, 6 L (1.6 US GAL) PER FLUSH, RAISED SANITARY BAR AND FOUR (4) POINTS TANK STABILIZATION, 229 MM X 203 MM (9" X 8") WATER SURFACE, TWO PIECE, 'SPEED CONNECT' TANK ASSEMBLY, UNLINED TANK, OVERSIZED 76 MM (3") FLUSH VALVE WITH FLAPPER, METAL SHANK FILL VALVE, 305 MM (12") ROUGH-IN, ELONGATED BOWL, 54 MM (2-1/8") FULLY GLAZED INTERNAL TRAPWAY, FLOOR OUTLET, BOLT CAPS. PROVIDE BOLTED TANK COVER IF REQUIRED - TO MEET LOCAL CODES. PROVIDE TRIP LEVER ON OPEN SIDE OF TOILET (WIDE SIDE) IF REQUIRED - TO MEET LOCAL CODES. CENTOCO #500STSCC.001 TOILET SEAT, HEAVY DUTY, FOR ELONGATED BOWL, OPEN FRONT, WHITE SOLID PLASTIC, LESS COVER, STAINLESS STEEL CHECK HINGES, METAL FLAT WASHERS STAINLESS STEEL POSTS AND NUTS. MCGUIRE #LFH172BV, TOILET SUPPLY, CHROME PLATED POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") LONG RIGID HORIZONTAL INTEGRAL COPPER SWEAT TUBE NIPPLES, COMBINATION V.P. LOOSE KEY HANDLE, ESCUTCHEON AND FLEXIBLE COPPER RISER. PROVIDE FLOOR FLANGE, (SAME MATERIAL AS THE CONNECTING PIPE DRAIN), WITH ALL BRASS BOLTS AND WITH RUBBER GASKET.

WD-2 - FLOOR MOUNTED TOILET - VITREOUS CHINA - TANK TYPE

AMERICAN STANDARD CADET PRESSURE-ASSISTED ELONGATED #2462.016.020 LOW CONSUMPTION TOILET, 381 MM HIGH, WHITE VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE WHICH INHIBITS THE GROWTH OF STAIN AND ODOR CAUSING BACTERIA MOLD AND MILDEW, FLOOR MOUNTED, SIPHON JET FLUSH ACTION, 6 L (1.6 US GAL) PER FLUSH, RAISED SANITARY BAR, 305 MM X 254 MM (12" X 10") WATER SURFACE, TWO PIECE, 'SPEED CONNECT' TANK ASSEMBLY, UNBOLTED TANK COVER, 305 MM (12") ROUGH-IN, ELONGATED BOWL, 54 MM (2-1/8") FULLY GLAZED INTERNAL TRAPWAY, FLOOR OUTLET, BOLT CAPS. CENTOCO #500STSCC.001 TOILET SEAT, HEAVY DUTY, FOR ELONGATED BOWL, OPEN FRONT, WHITE SOLID PLASTIC, LESS COVER, STAINLESS STEEL CHECK HINGES, METAL FLAT WASHERS STAINLESS STEEL POSTS AND NUTS. MCGUIRE #LFH172BV, TOILET SUPPLY, CHROME PLATED POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") LONG RIGID HORIZONTAL INTEGRAL COPPER SWEAT TUBE NIPPLES, COMBINATION V.P. LOOSE KEY HANDLE, ESCUTCHEON AND FLEXIBLE COPPER RISER. PROVIDE FLOOR FLANGE, (SAME MATERIAL AS THE CONNECTING PIPE DRAIN), WITH ALL BRASS BOLTS AND WITH RUBBER GASKET.

U-1: - WALL HUNG URINAL - FOR FLUSHOMETER - EXPOSED - MANUAL

American Standard Washbrook Flowise #6590.001/7301242-100 Urinal, vitreous china, operates in the range of 0.5 L to 3.8 L (0.125 US Gal to 1.0 US Gal) per flush, Wall Hung, extended sides for privacy, washdown action, flushing rim, 19 mm (3/4") dia. Top spud, elongated rim, integral P-trap, outlet connection 51 mm (2"), 2 wall hangers, #7301242-100 chrome plated, non-metallic strainer. Mount fixture between 19-1/4" and 20-1/8" (488mm and 512mm) above finish floor to front rim of urinal (or as required to meet local codes). Sloan Royal #186-1.0-CP, Exposed Manual Flushometer for Top Spud urinal, chrome plated, 3.8 L (1.0 US Gal) factory set flow, quiet action 'PERMEX' diaphragm type with dual filter by-pass, non-hold open feature, A.D.A triple seal oscillating handle, V.P. Smooth design stop cap on bak-chek angle stop (screwdriver operated), flush tube for 292 mm (11-1/2") rough-in, high pressure vacuum breaker. Watts #CA-321, Fixture Carrier, mounted on concrete floor, epoxy coated top and bottom universal steel hanger plates, heavy gauge epoxy coated steel offset uprights with welded feet supports. For one unit: 102 mm (4") for two to six units in a row: 152 mm (6") finished metal stud wall to back of pipe space. Watts #WUCO Urinal Wall Access Cleanout, two piece expandable plug with 102 mm (4") diameter stainless steel access cover, secured with vandal proof stainless steel screw.

COUNTER MOUNTED SELF-RIMMING - DROP-IN BASIN - SINGLE LEVER FAUCET

American Standard Cadet Universal Access #9494.001 Basin, 533 mm x 445 mm x 175 mm (21" x 17-1/2" x 6-7/8") high, oval, vitreous china, self-rimming - drop-in, side rear overflow, faucet ledge. Provide basin rim sealant. American Standard Colony Soft #2175.565 Single Lever Faucet, chrome plated, 4" (102 mm) centerset, metal body and colour matched underbody, 5.7 LPM (1.5 GPM) aerator outlet, 107 mm (4-3/16") projection reach, pop-up lift rod, hole and knob, supplied with plug button. McGuire #155WCC Offset Open Grid Drain, chrome plated cast brass one piece top, 17 GA. (1.5 mm) mm tubular 32 mm (1-1/4") tailpiece. McGuire #LFH170BV, Faucet Supplies, chrome plated polished brass, commercial duty 1/4 turn ball valve angle stops, 13 mm (1/2") I.D. Inlet x 127 mm (5") horizontal extension tubes, combination V.P. Loose key handle, escutcheon and flexible copper riser. McGuire #8872C P-Trap, heavy cast brass adjustable body, with slip nut, 32 mm (1-1/4") size, shallow wall flange and seamless tubular wall bend. McGuire PROWRAP #PW2000WC Sanitary Covering vandal-resistant, flexible seamless moulded closed-cell PVC resin, formulated with anti-microbial additive to limit the growth of fungus and bacteria, to exposed piping (to protect against heat/contusions) as per local codes.

MS-1 - SERVICE / MOP SINK - TWO HANDLE FAUCET

FIAT #TSB3000 square Service / Mop Sink, 610 mm (24") x 610 mm (24") x 305 mm (12") deep, Floor Mounted, terrazzo composed of precast terrazzo, one piece stainless steel cast integral on all sides, 152 mm (6") drop front, integral stainless steel drain assembly and strainer plate, 3" (76 mm) outlet. American Standard #8344.012 Wall Mounted Two Handle Faucet, chrome plated, flexible installation within the range of 7 3/4" (197 mm) to 8 1/4" (210 mm), cast brass body, washerless ceramic disc valve cartridge, unrestricted hose end outlet, 152 mm (6") projection spout with atmospheric vacuum breaker and bucket hook 248 mm (9-3/4") from wall to outlet reach, lever handles, top brace. FIAT 832-AA Hose and Wall Hook 30" (762 mm) long flexible heavy duty 5/8" rubber hose, cloth reinforced with 3/4" chrome coupling. Bracket is 5"(127 mm) long by 3" (76.2 mm) stainless steel rubber grip. FIAT 889CC000 Mop Hanger 22 GA. (0.8 mm) type 304 stainless steel. Two 305 mm (12") x 305 mm (12") FIAT MSG2424000 Back Splash Panel. Provide P-Trap, same material as the connecting pipe drain.

SH-1 - SHOWER

Fiat Model A6036.01LF100 - INSTITUTIONAL SHOWER WITH FOLD-UP SEAT 1-Piece Acrylic Shower High gloss acrylic with fiberglass reinforcement Fold-up wheelchair seat Integrally molded soap dish and shelves 7/8" (22mm) Threshold (1) - 30" (76mm) x 1-1/2" (38mm) horizontal stainless steel grab bar (side wall) (1) - 48" (1219mm) x 1-1/2" (38mm) horizontal stainless steel grab bar (back wall) (1) - 1" (25mm) stainless steel curtain rod Safety-textured floor pattern American Standard Reliant 3 #T385.500/R120SS Shower, pressure balancing mixing valve, brass body, washerless ceramic drip-free disc valve cartridge, integral hot water limit stop, screwdriver stops with separate checks. metal wall escutcheon, pressure balancing mixing valve, metal lever handle. American Standard #1662.551 3 Functions Spray Hand Shower, 9.5 LPM (2.5 GPM) maximum flow rate, spray pattern adjust from gentle rain to hard rain to massage, easy clean rubber nozzles, integral checks. American Standard #1660.400 HandShower Vacuum Breaker, between supply outlet and personal shower hose. Watts #FD-100-C-A Floor Drain, epoxy coated cast iron, anchor flange, 5" (127 mm) adjustable round nickel bronze strainer, reversible clamping collar with primary & secondary weepholes. Provide floor drain at entrance to shower and built-up floor. Provide P-Trap, same material as the connecting pipe drain.

SH-2 - SHOWER

Fiat Model s135 39"x39" - Commodore ADA polyethylene shower..Wheelchair accessible, Single threshold shower cabinet with undrilled, 1" (25mm) thick, solid, high density polyethelene walls. Includes pressure balanced, equalizing mixing valve (180AA), hand held shower head with swivel fitting, 69" (1753mm) fl exible stainless steel hose with in-line vacuum breaker, retractable phenolic shower seat with stainless steel frame, one (1) wrap-around stainless steel grab bar, one (1) vertical stainless steel grab bar, top frame with curtain hooks and chromium-plated soap dish. Nominal Dimensions:39" x 39" x 78-1/2". Watts #FD-100-C-A Floor Drain, epoxy coated cast iron, anchor flange, 5" (127 mm) adjustable round nickel bronze strainer, reversible clamping collar with primary & secondary weepholes. Provide floor drain at entrance to shower and built-up floor. Provide P-Trap, same material as the connecting pipe drain.

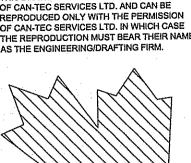
WF-1 WATER FOUNTAIN

Elkay EZH2O Bottle Filling Station with Single Filtered High Efficiency Cooler #LVRCGRN8WSK water cooler Wall Hung water cooler - sensor, touchless activation with auto 20-second shut off (bottle filler), 8 GPH of 50F drinking water at 90F ambient and 80F inlet water, stainless steel cooler cabinet, galvanized structural steel cooler chassis frame provides structural integrity, laminar flow provides minimal back splash, lead-free design, vandal resistant easy-touch front pushbar controls (cooler), vandal resistant streamsaver water-efficient bubbler, real drain system eliminates standing water, stainless steel bottle filler wrapper with ABS plastic alcove, quick fill rate: 1.1 gpm, Innovative Green Ticker counts bottles saved from waste. High efficiency compressor: hermetically-sealed, reciprotcating type, single phase. Sealed-in lifetime lubrication, condenser: fan cooled, copper tube with aluminum fins, fan motor is pemanently lubricated, cooling unit: combination tube-tank type, self cleansing, continuous copper tubing with stainless steel tank, fully insulated with eps feam which meets UL requirements for self-extinguishing material, Chilling Capacity: 8GPH, Voltage Requirement: 115V at 60 Hz, current of 3.8 Amps, power consumption: 260W, refrigerant control: refrigerant R134a is controlled by accurately calibrated capillary tube, temperature control: easily accessible enclosed adjustable thermostat is factroy preset, WaterSentry Plus 3000-gallon capacity filtration system, NSF/ANSI 42 & 53 certified, LED Visual Filter Monitor shows replacement when necessary, Green Spec Listed. Approx. Ship Wt.: 89. Integrated silver ion anti-microbial protection in key areas. McGuire #LFHST11LK, drinking fountain supply, chrome plated polished brass, straight stops, 10 mm (3/8") I.P.S. Inlet, V.P. Loose keys. Provide P-Trap, chrome plated, adjustable all metal construction, 32 mm (1-1/4") size, and escutcheon. Watts #CA-311, Fixture Carrier, mounted on concrete floor, steel hanger plate, heavy gauge epoxy coated steel offset uprights with welded feet supports. For one unit: 102 mm (4") for two to six units in a row: 152 mm (6") finished metal stud wall to back of pipe space.

LS-1: LIFT STATION

SANICUBIC I, HEAVY DUTY 1 HP SIMPLEX GRINDER PUMP WITH 1 1 DISCHARGE. 115V/60HZ/1 PHASE. 328FT HORIZONTAL DISCHARGE, 36 FT VERTICAL DISCHARGE.

THIS DRAWING MUST NOT BE SCALED. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS AND LEVELS PRIOR O COMMENCEMENT OF WORK AND IS HELD RESPONSIBLE FOR REPORTING ANY DISCREPANCY OR OMISSION TO CAN-TEC SERVICES LTD. IMMEDIATELY. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CAN-TEC SERVICES LTD. AND CAN BE



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