EQUIPMENT SCHEDULE (R-410A)

DESIG.	DESCRIPTION	MANUFACTURER	MODEL	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	COOLING (TON)	AIR (CFM)	ESP. (IN.)	ELECTRICAL MCA	ELECTRICAL HP	ELECTRICAL VOLTAGE	WEIGHT (LB.)	MIN. FRESH AIR	REMARKS
A/C-1	ROOFTOP A/C UNIT	CARRIER	48ES 024	40	32	2	800	0.6	19.7	–	208/1/60	400	–	–
A/C-2	ROOFTOP A/C UNIT	CARRIER	48TCE D08	120/180	98/148	7.5	3000	1.0	15.3	2	575/3/60	1200	–	–
A/C-3	ROOFTOP A/C UNIT	CARRIER	48TCD A04	72	59	3	1200	0.8	7.3	1	575/3/60	700	–	–
A/C-4	ROOFTOP A/C UNIT	CARRIER	48TCE A06	115	93	5	2000	0.8	9.9	1.5	575/3/60	750	–	–
MUA-1	MAKE-UP AIR UNIT	ENGINEERED AIR	DG180/O	1800	1440	–	15000	0.5	22.9	15	575/3/60	5500	100%	–

NOTES:

1. ALL ROOFTOP UNITS SHALL BE c/w ROOF CURB, BELT DRIVE MOTOR, CONDENSATE DRAIN TRAP, WEATHERPROOF DISCONNECT, ECONOMIZER, ELECTRONIC PROGRAMMABLE HEAT/COOL THERMOSTAT w/LOCKABLE COVER AND 50 FT. OF CONTROL WIRING. CONTROL WIRING TO BE FT-6 RATED. UNITS SHALL BE SUITABLE FOR REFRIGERANT R-410A.

2. MUA-1 SHALL BE OUTDOOR INDIRECT FIRED MAKE-UP AIR UNIT. UNIT MODEL, HEATING CAPACITY AND PERFORMANCE AS PER SCHEDULED DATA.

   UNIT CONSTRUCTION SHALL BE (AS MINIMUM): 18 GAUGE CASING, 1" 1.5 LB/CU.FT. INSULATION AND STRUCTURAL BASE CHANNEL (3" HIGH MINIMUM). UNIT SHALL BE COMPLETE WITH 18" HIGH FULL PERIMETER ROOF CURB. ACCESS DOORS SHALL BE HINGED WITH MINIMUM CAMLOCK STYLE FASTENERS. UNIT SHALL BE COMPLETE WITH 2" PLEATED FILTERS C/W METAL FRAMES AND 2 POSITION INLET DAMPER.

   SUPPLY AIR BLOWER SHALL BE FORWARD CURVED WITH DIDW WHEEL STATICALLY AND DYNAMICALLY BALANCED WITH VIBRATION ISOLATION. MOTOR SHALL BE SQUIRREL CAGE INDUCTION TYPE. MOTOR SHALL BE ODP TYPE. MOTOR AND BLOWER DRIVES SHALL BE LOCATED IN BLOWER CABINET.

   BURNER SHALL HAVE HIGH TURNDOWN CAPABILITY (20:1) EMPLOYING VARIABLE COMBUSTION AIR CAPABILITY AND SHALL MAINTAIN MINIMUM EFFICIENCY OF 80% THROUGHOUT ITS TURNDOWN RANGE. CETL APPROVED GAS MANIFOLD C/W WITH HIGH TEMPERATURE LIMIT.

   UNIT CONTROL SHALL CONSIST OF REMOTE CONTROL PANEL c/w STANDARD SWITCHES AND STANDARD LIGHTS. REMOTE PANEL WILL COMPLETE WITH THE FOLLOWING FEATURES:
   * UNIT ON/OFF SWITCH
   * UNIT ON LIGHT
   * HEAT ON LIGHT
   * S/A TEMPERATURE SELECTOR

   UNIT FUNCTION:

   UNIT ON/OFF SWITCH IN THE 'ON' POSITION, OUTSIDE AIR DAMPER OPENS. BLOWERS WILL DELAY ON AND RUN CONTINUOUSLY. HEAT SWITCH 'ON', THE GTRAC CONTROLLER WITH AN ADJUSTABLE REMOTE SETPOINT SET AT 72°F (22°C) WILL MODULATE THE GAS FLOW AND COMBUSTION AIR TO MAINTAIN CONSTANT DISCHARGE AIR TEMPERATURE.

   * EQUIPMENT START-UP AND TESTING SHALL BE PROVIDED BY MANUFACTURER.

   UNIT SHALL BE DOWN DISCHARGE.

FAN SCHEDULE

DESIG.	DESCRIPTION	MANUFACTURER	MODEL	AIR (CFM)	S.P. (IN)	ELECTRICAL AMPS	ELECTRICAL HP	ELECTRICAL VOLTAGE	WEIGHT (LBS)	REMARKS
EF-1	REPAIR FACILITY EXHAUST	CARNES	VEBK 36	15000	0.5	–	5	575/3/60	500	ROOF OPENING: 41.5"x14.5"
EF-2	WASHROOM EXHAUST	CARNES	VEBK 08	500	0.5	–	1/6	120/1/60	60	ROOF OPENING: 11"x11"
EF-3	WASHROOM EXHAUST	CARNES	VCDD 010C	90	0.25	1.1A	–	120/1/60	–	c/w FAN SWITCH
EF-4	LUNCH ROOM EXHAUST	CARNES	VCDD 020C	190	0.25	1.8A	–	120/1/60	–	c/w FAN SWITCH
EF-5	OFFICE EXHAUST	CARNES	VCDD 020C	190	0.25	1.8A	–	120/1/60	–	c/w FAN SWITCH
EF-6	IT ROOM EXHAUST	CARNES	VCDD 020C	190	0.25	1.8A	–	120/1/60	–	c/w REVERSE ACTING T-STAT.
EF-7	ELECTRICAL ROOM EXHAUST	CARNES	VCDD 030C	300	0.25	2.7A	–	120/1/60	–	c/w REVERSE ACTING T-STAT.

NOTES:

1. ALL FANS SHALL BE C/W STARTER.
2. ALL ROOFTOP FANS SHALL BE C/W ROOF CURB, WEATHERPROOF DISCONNECT, BACKDRAFT DAMPER AND SCREEN.

EQUIPMENT SCHEDULE

DESIG.	DESCRIPTION	MANUFACTURER	MODEL	HEATING INPUT	LENGTH	WEIGHT	REMARKS
RH-1	GAS FIRED RADIANT HEATER	GASMAC	GM-150 50	150 MBH	52'-0"	150 LBS	c/w 120V T-STAT & HANGER KIT.

ACCEPTABLE ALTERNATE : GORDON RAY 'VANTAGE SERIES'.
NOTE: INSULATE COMBUSTION AIR INTAKE WITH THERMAL INSULATION.

DIFFUSER GRILLE SCHEDULE

DESIG.	TYPE	MANUFACTURER/MODEL
A	SUPPLY AIR DIFFUSER	PRICE MODEL SCD/3 SQUARE CEILING DIFFUSER (24x24). (c/w FRAME AND VOLUME DAMPER IN DRYWALL AREAS.)
B	SUPPLY AIR REGISTER	PRICE MODEL 520DL REGISTER c/w DOUBLE DEFLECTION, 3/4" BLADE SPACING, SCREWDRIVER OPERATED OPPOSED BLADE DAMPER.
C	RETURN AIR GRILLE	PRICE MODEL 80, 1/2"x1/2"x1/2" ALUMINUM EGGCRATE GRID CORE. (24"x12" UNLESS OTHERWISE SHOWN ON DRAWING.)
D	EXHAUST AIR GRILLE	PRICE MODEL 80D, 1/2"x1/2"x1/2" ALUMINUM EGGCRATE GRID CORE c/w VOLUME DAMPER.
E	TRANSFER AIR GRILLE	PRICE MODEL 530L c/w FIXED LOUVRES, 45° DEFLECTION, 3/4" BLADE SPACING.

NOTES :

1. ALL GRILLES, DIFFUSERS, REGISTERS TO BE B13 OFF WHITE FINISH. (VERIFY WITH ARCHITECTURAL SPECIFICATION)
2. ACCEPTABLE ALTERNATES ; CARNES, NAILOR, TITUS.

PLUMBING FIXTURES

(MUST BE APPROVED BY OWNER BEFORE ORDERING)

WC-1 TOILET – FLOOR MOUNTED – PRESSURE ASSIST TANK TYPE

AMERICAN STANDARD #2333.700 'CADET(TM) ELONGATED' 'PRESSURE-ASSIST LOW CONSUMPTION' TWO PIECE TANK TOILET, FLOOR MOUNTED, VITREOUS CHINA, ELONGATED SYPHON JET FLUSH ACTION BOWL, 2-1/8" (54MM) FULLY GLAZED INTERNAL TRAPWAY, 10" X 12" (254MM X 305MM) LARGE WATER SURFACE, AND 'SPEED CONNECT' P.A. TANK COMPLETE, BOLTED ON TANK COVER, 6L (1.6 GAL.) PER FLUSH, WITH SANITARY BAR ON BOWL AND LARGE CAST RIB FOR CHINA TO CHINA TANK ASSEMBLY, AND BOLT CAPS. (MINIMUM MAP TEST RATING: 750 GRAMS.) CENTOCO #500STSCC TOILET SEAT, ELONGATED HEAVY DUTY SOLID PLASTIC OPEN FRONT LESS COVER, WITH REINFORCED STAINLESS STEEL CHECK HINGE, POSTS, WASHERS AND NUTS FOR PUBLIC USE. MCGUIRE #H166LKN3 TOILET SUPPLY, C.P., POLISHED BRASS, RIGID HORIZONTAL NIPPLE 3/8" (9.5MM) X 3" (75MM) LONG I.P.S., HEAVY ALL BRASS ANGLE STOP, WITH V.P. LOOSE KEY, ESCUTCHEON AND FLEXIBLE COPPER RISER. PROVIDE FLOOR FLANGE, FLANGE BOLTS AND GASKET.

WC-2 TOILET – FLOOR MOUNTED – PRESSURE ASSIST TANK TYPE – BARRIER-FREE DESIGN / RIGHT HEIGHT

AMERICAN STANDARD #2377.700 'CADET(TM) ELONGATED 16-1/2" (420MM) HIGH' 'PRESSURE-ASSIST LOW CONSUMPTION' TWO PIECE TANK TOILET, FLOOR MOUNTED, VITREOUS CHINA, ELONGATED SYPHON JET FLUSH ACTION BOWL, 2-1/8" (54MM) FULLY GLAZED INTERNAL TRAPWAY, 10" X 12" (254MM X 305MM) LARGE WATER SURFACE, AND 'SPEED CONNECT' P.A. TANK COMPLETE, BOLTED ON TANK COVER, 6L (1.6 GAL.) PER FLUSH, WITH SANITARY BAR ON BOWL AND LARGE CAST RIB FOR CHINA TO CHINA TANK ASSEMBLY, AND BOLT CAPS. (MINIMUM MAP TEST RATING: 750 GRAMS.) CENTOCO #820STS TOLIET SEAT, ELONGATED HEAVY DUTY SOLID PLASTIC OPEN FRONT WITH COVER, REINFORCED STAINLESS STEEL CHECK HINGE, POSTS, WASHERS AND NUTS. MCGUIRE #H166LKN3 TOILET SUPPLY, C.P., POLISHED BRASS, RIGID HORIZONTAL NIPPLE 3/8" (9.5MM) X 3" (75MM) LONG I.P.S., HEAVY ALL BRASS ANGLE STOP, WITH V.P. LOOSE KEY, ESCUTCHEON AND FLEXIBLE COPPER RISER. PROVIDE FLOOR FLANGE, FLANGE BOLTS AND GASKET. PROVIDE BOLTED TANK COVER AND/OR RIGHT HAND TRIP LEVER IF REQUIRED – TO MEET LOCAL CODES.

L-1 BASIN – COUNTERTOP MOUNTED

AMERICAN STANDARD #0476.028 'AQUALYN' BASIN, 4" (102MM) CENTRES, 20-1/2" X 17-1/2" X 7-3/8" (521MM X 445MM X 187MM) DEEP, COUNTER MOUNTED, VITREOUS CHINA, FRONT OVERFLOW, TAPERED STYLE RIM AND SELF-RIMMING. PROVIDE BASIN RIM SEALANT. CHICAGO FAUCETS #802-V-XK FAUCET, C.P. 4" (102MM) C.C., SOLID CAST BRASS LEAD-FREE BODY, 1/4 TURN CERAMIC DISC VALVE CARTRIDGES, WITH VANDAL RESISTANT 8.3 LPM (2.2 GPM) MAX. FLOW PRESSURE COMPENSATING AERATOR OUTLET AND CAST BRASS LEVER HANDLES. MCGUIRE #155A BASIN DRAIN, C.P., CAST BRASS 1 PC. TOP, OPEN GRID WITH 17GA. (1.5MM), 1-1/4" (32MM) TAILPIECE. MCGUIRE #H165LKN5-LR SUPPLIES, C.P. POLISHED BRASS SINK SUPPLIES, RIGID HORIZONTAL NIPPLES 3/8" (10MM) X 5" (127MM) LONG, I.P.S. HEAVY ALL BRASS ANGLE STOPS WITH V.P. LOOSE KEY AND ESCUTCHEONS, LESS FLEXIBLE RISERS. MCGUIRE #8872C 'P' TRAP, C.P., POLISHED, CAST BRASS ADJUSTABLE BODY, 1-1/4" (32MM) WITH CLEANOUT PLUG, SEAMLESS BRASS WALL BEND AND ESCUTCHEON.

L-2 BASIN – WALL HUNG – BARRIER-FREE DESIGN & GENERAL USE

AMERICAN STANDARD #0954.000 'MURRO' BASIN, 4" (102MM) CENTRES, 21-1/4" X 22" X 5 – 7-1/2" (540MM X 559MM X 127-191MM) DEEP, WALL HUNG, VITREOUS CHINA, REAR OVERFLOW, FOR CONCEALED ARM SUPPORT. AMERICAN STANDARD #0059.020 SEMI-CHINA PEDESTAL, TO COVER EXPOSED PIPING AS PER LOCAL CODES. CHICAGO FAUCETS #802-V-317-XK FAUCET, C.P. 4" (102MM) C.C., SOLID CAST BRASS LEAD-FREE BODY, 1/4 TURN CERAMIC DISC VALVE CARTRIDGES, WITH VANDAL-RESISTANT 8.3LPM (2.2 GPM) MAX. FLOW PRESSURE COMPENSATING AERATOR OUTLET AND CAST BRASS 4" (102MM) BLADE HANDLES. MCGUIRE #155A BASIN DRAIN, C.P., CAST BRASS 1 PC. TOP, OPEN GRID WITH 17GA. (1.5MM), 1-1/4" (32MM) TAILPIECE. MCGUIRE #H165LKN3RB-LR SUPPLIES, C.P., POLISHED BRASS, RIGID HORIZONTAL NIPPLE 3/8" (9.5MM) X 3" (75MM) LONG I.P.S., HEAVY ALL BRASS ANGLE STOPS, WITH V.P. LOOSE KEY, ESCUTCHEONS LESS S.S. BRAIDED FLEXIBLE RISERS. MCGUIRE #8872C 'P' TRAP, C.P., POLISHED, CAST BRASS ADJUSTABLE BODY, 1-1/4" (32MM) WITH CLEANOUT PLUG, SEAMLESS BRASS WALL BEND AND ESCUTCHEON. JAY R. SMITH #0700-Z-M BASIN CARRIER, WITH STEEL PIPE LEGS, BLOCK BASE FEET SUPPORT, CONCEALED ARMS AND PEDESTAL PLATE. (FOR NARROW WALL INSTALLATION PROVIDE 'Z' TYPE SLEEVE FOR ARMS.)

U-1 URINAL – WALL HUNG – MANUAL (EXPOSED) FLUSH VALVE

AMERICAN STANDARD 6561.017 'TRIMBROOK' LOW CONSUMPTION URINAL, WALL HUNG FOR FLUSH VALVE, VITREOUS CHINA, SYPHON JET FLUSH ACTION 3.8L (1.0 GAL.) PER FLUSH, INTEGRAL FLUSH SPREADER, OPEN TRAP, 3/4" (19MM) TOP SPUD, WALL HANGERS. SLOAN #186-1.0-XL REGAL FLUSH VALVE, C.P. LOW CONSUMPTION, 3.8 LPF (1.0 GPF) FACTORY SET FLOW, QUIET ACTION DIAPHRAGM TYPE WITH NON HOLD OPEN FEATURE, VACUUM BREAKER AND BACK-CHECK ANGLE STOP. JAY R. SMITH #SQ4-1819 URINAL WALL ACCESS CLEANOUT, WITH 4-1/4" (108MM) V.P. ROUND S.S. ACCESS COVER. JAY R. SMITH #0637 URINAL CARRIER, WITH STEEL PIPE LEGS, BLOCK BASE FEET SUPPORTS AND BEARING PLATES.

S-1 SINGLE BOWL SINK – COUNTERTOP WITH LEDGEBACK

FRANKE COMMERCIAL LBS6808-1/3 S.S. SINK, 3 HOLE, 8" (203MM) CENTERS, 20-1/2" X 20" X 8" (521MM X 508MM X 203MM) DEEP, COUNTER MOUNTED, BACK LEDGE, GRADE 18-8 TYPE 302 STAINLESS STEEL, SINGLE COMPARTMENT, SATIN FINISHED RIM AND BOWL, SELF-RIMMING, WITH CRUMB CUP STRAINER, SOUND DEADENING AND MOUNTING KIT, STRAINER, 3-1/2" (89MM) CRUMB CUP. CHICAGO FAUCETS #1100-V-L9-XK FAUCET, C.P. 8" (203MM) C.C., DECK MOUNTED, SOLID CAST BRASS LEAD-FREE BODY, 1/4 TURN CERAMIC DISC VALVE CARTRIDGES, 9" (229MM) LONG SWING SPOUT WITH VANDAL-RESISTANT 8.3LPM (2.2 GPM) MAX. FLOW PRESSURE COMPENSATING AERATOR OUTLET AND CAST BRASS HOODED LEVER HANDLES. PROVIDE SUPPLIES, C.P. WITH METAL ANGLE STOPS, ADAPTORS, ESCUTCHEONS AND METAL FLEXIBLE RISERS. PROVIDE 'P' TRAP, CAST BRASS 1-1/2" (38MM) WITH CLEANOUT, UNION AND ESCUTCHEON.

DF-1 – DRINKING FOUNTAIN – WALL HUNG

DRINKING FOUNTAIN COOLER, FILTRINE MODEL #WA15-LTW, WALL HUNG, 18 GAUGE (1.2mm) STAINLESS STEEL CABINET, STAINLESS STEEL RECEPTOR, LEAD-FREE, OPEN GRID STRAINER, PUSH BUTTON CONTROL BUBBLER, AUTOMATIC VOLUME REGULATOR, WALL HANGER BRACKET, CAPACITY 13.5 US GPH (50.1L) WITH 2 GAL STORAGE CAPACITY. MOTOR COMPRESSOR, HEAVY DUTY, AIR COOLED TYPE HERMETICALLY SEALED RECIPROCATING TYPE, 1/6 HP, 120/1/60. INSULATED POWER CABLE WITH 3 PRONG MOULDED PLUG. PROVIDE RECEPTACLE WITH GROUND FAULT INTERRUPTER. SUPPLY WITH ANGLE STOP. MCGUIRE #8872C-20T TRAP, C.P. 20 GUAGE (0.9mm), 1-1/4" (32mm) AND STOP ON SUPPLY PIPE. PROVIDE ADEQUATE SUPPORT IN WALL FOR COOLER MOUNTING.

SH-1 SHOWER

SYMMONS 'TEMPTROL II' #BP-56-1-X SHOWER VALVE, WASHERLESS C.P. PRESSURE BALANCING CONTROL WITH MAXIMUM TEMPERATURE LIMIT STOP, SERVICE STOPS, ESCUTCHEON PLATE, SINGLE CONTROL LEVER HANDLE, 2.1 GPM (9.5L) FLOW SHOWER HEAD, ARM AND FLANGE. SMITH SERIES #2005A FLOOR DRAIN WITH WATER-PROOFING FLANGE AND NICKEL BRONZE STRAINER. 'P' TRAP.

SH-2 SHOWER (BARRIER FREE DESIGN)

DELTA #R1308-UNWSTP T1333-TP T&S TRIM F/R 1308TP BATH VALVE, PRESSURE BALANCE, NO VOLUME CONTROL, SINGLE HANDLE ROUGH-INS FOR PUSH BUTTON DIVERTER AND DIVERTER SPOUT. DELTA #RPW324HDF HAND SHOWER ASSEMBLY c/w 69" DOUBLE SPIRAL METAL HOSE AND 24" STAINLESS STEEL SLIDE/GRAB BARS. SMITH SERIES #2005A FLOOR DRAIN WITH WATER-PROOFING FLANGE AND NICKEL BRONZE STRAINER. 'P' TRAP.

ES-1 EMERGENCY DRENCH SHOWER – ABS PLASTIC – FLOOR MOUNTED

HAWS 8100-'AXION MSR?' EMERGENCY SHOWER, FLOOR MOUNTED WITH 10" (254MM) DIA. ABS PLASTIC DELUGE SHOWER HEAD, MIN. FLOW OF 76 LPM (20 GPM), 1" (25MM) STAY OPEN FULL FLOW BALL VALVE WITH S.S. STEM, ACTUATED BY PULL ROD, 1-1/2" (38MM) CW SUPPLY, 1-1/4" (32MM) CW CONNECTION WITH UNIVERSAL SIGN, SCHEDULE 40 HOT-DIPPED GALVINIZED STEEL PIPE AND FITTING. DRENCH SHOWER REQUIRES MIN. 76 LPM (20 GPM) FLOW FOR 15 MINUTES.
HAWS #9201 SUPPLY FIXTURE, THERMOSTATIC TEMPERATURE CONTROL VALVE, ALL BRASS AND STAINLESS STEEL DESIGN, WITH LIQUID FILLED MOTOR, CHECK STOPS, SAFETY SHUT-OFF, SHOULD COLD WATER SUPPLY FAIL, HOT WATER FAILURE WILL BY-PASS TO COLD WATER, VOLUME CONTROL VALVE, ROUGH BRONZE, BALL VALVES, OUTLET TEMPERATURE GAUGE, 1-1/4" (32MM) TOP SUPPLIES, TOP OUTLET, WITH UNIONS. TEMPERED WATER FACTORY SET AT 80 DEG. F (26 DEG. C) (MODEL #9201 PROVIDES UP TO 95 LPM (25 GPM) AT 30PSI (246KPA) DROP THROUGH VALVE).

NFWH – NON-FREEZE WALL HYDRANT – EXTERIOR

SMITH SERIES 5609QT WALL HYDRANT, 1/4 TURN NON-DRIP, CERAMIC CARTRIDGE, 3/4" (19mm). NON-FREEZE WALL TYPE WITH BRONZE FACE, ADJUSTABLE WALL-FLANGE OPERATING KEY AND SELF-DRAINING INTEGRAL VACUUM BREAKER. LENGTH TO SUIT WALL THICKNESS.

HB – DUAL-TEMP HOSE BIB (INTERIOR)

WATTS DRAINAGE PRODUCTS HY-300-2 CONCEALED KEY OPERATED DUAL-TEMP MILD CLIMATE WALL HYDRANT WITH NICKEL BRONZE BOX AND DOOR, POLISHED BRONZE HYDRANT FACE, 3/4 IN. (19 mm) HOSE CONNECTION, ALL BRONZE HEAD, SEAT CASTING AND INTERNAL WORKING PARTS, GALVANIZED WALL CASING, AND HYDRANT KEY.

HWT-1

GAS FIRED HOT WATER TANK, A.O. SMITH MODEL CYCLONE BTH-150, 100 GAL. STORAGE, HEATING INPUT/OUTPUT: 150/141 MBH, SEALED DIRECT VENT (3"ø VENT & 3"ø COMBUSTION) c/w TERMINATION KIT, 120/1/60, WEIGHT: 1300 LBS, c/w T & P VALVE PIPED TO THE NEAREST DRAIN.

OI-1 OIL INTERCEPTOR

PROCEPTOR MODEL OMC 500, TOTAL VOLUME: 500 GAL. UNIT SHALL BE c/w 6"ø INLET/OUTLET, 24" ACCESSWAY c/w EXTENSION COLLAR, 3"ø VENT CONNECTIONS, CLEANOUTS. COMPLETE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.

JS-1 JANITOR MOP SINK FLOOR MOUNTED (SQUARE UNIT)

STAINLESS STEEL MOP SINK, 24" x 24" x 10" (610mm x 610mm x 254mm) DEEP, FLOOR MOUNTED, INTEGRAL DRAIN WITH STRAINER. CHICAGO FAUCETS #305VB-R-XK-HOSE FAUCET, C.P. 8" (203mm) C.C., WALL MOUNTED, SOLID CAST BRASS LEAD-FREE BODY, 1/4 TURN CERAMIC DISC VALVE CARTRIDGES, CAST BRASS LEVER HANDLES, BODY MOUNTED VACUUM BREAKER, INTEGRAL STOPS, 36" (915mm) HOSE AND HANGER. 'P' TRAP, 3" (75mm).

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	SUSPENDED SANITARY DRAIN
	BURIED SANITARY DRAIN
	SUSPENDED STORM DRAIN
	BURIED STORM DRAIN
V	SANITARY VENT
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRCULATION
G	NATURAL GAS LINE
CO	CLEANOUT PLUG
CO	FLOOR CLEANOUT
	PLUMBING TRAP
FD	FLOOR DRAIN
FFD	FUNNEL FLOOR DRAIN
HD	HUB DRAIN
RD	ROOF DRAIN
N.F.W.H.	NON-FREEZE WALL HYDRANT
B.F.P.	BACKFLOW PREVENTOR

H.V.A.C. LEGEND

- SUPPLY AIR DIFFUSER – SIZE AS PER PLAN
- CEILING REGISTER – SIZE AS PER PLAN
- FLOOR REGISTER – SIZE AS PER PLAN
- RETURN AIR EGGCRATE – SIZE AS PER PLAN
- XXX – AIR VOLUME (CFM); 24 08 – NECK SIZE, DIFFUSER FACE SIZE
- XXX – AIR VOLUME (CFM); 18x8 – GRILLE SIZE
- TRANSFER AIR GRILLE – SIZE AS PER PLAN
- DOOR GRILLE – SIZE AS PER PLAN
- EXHAUST FAN
- EXHAUST GRILLE – SIZE AS PER PLANS
- THERMOSTAT
- SENSOR
- FAN STARTER
- B/D BALANCE DAMPER
- S/D SPLITTER DAMPER
- F/D FIRE DAMPER

GENERAL NOTES:
IT IS THE CONTRACTOR'S RESPONSIBLITY TO:
1. USE FIGURED DIMENSIONS IN PREFERENCE TO SCALING.
2. VERIFY AND CHECK ALL DIMENSIONS PRIOR TO AND DURING CONSTRUCTION.
3. DETERMINE LOCATIONS OF ALL EXISTING SERVICES.
4. PLANS ARE IN CONFORMANCE WITH THE ONTARIO BUILDING CODE.

ANY CHANGES, DISCREPANCIES, OR SUBSTITUTIONS SHALL BE REPORTED TO AND REVIEWED BY THE ENGINEER BEFORE PROCEEDING.

TRISTAR ENGINEERING
Division of 1041549 Ontario Limited
30 West Beaver Creek Road, Unit #118
Richmond Hill, Ontario
Canada, L4B-3K1
(905) 882-1332
Fax (905) 882-0736

REVISIONS:

No.	DESCRIPTION:	DATE:	BY:
1.	ISSUED FOR REVIEW	04 MAY 10	W.L.
2.	ISSUED FOR PERMIT & TENDER	01 JUN 10	W.L.
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

STATUS: ☐ PROPOSAL: ☒ REVIEW: ☐ SITE PLAN: ☒ TENDER: ☒ PERMIT: ☐ CONSTRUCTION: ☐ AS BUILT: ☐ OTHER:

LICENSED PROFESSIONAL ENGINEER
W.L. LO
JUN/10
PROVINCE OF ONTARIO

PROJECT OWNER:

PROJECT NAME: ATTRIDGE TRANSPORTATION 4130 HARVESTER ROAD

DRAWING NAME: MECHANICAL SCHEDULES

DRAWN BY: W.L.
DATE: APRIL 2010
CHECKED BY: W.L.
SCALE: N.T.S.
PROJECT No.: 210-073
SET No.:
DRAWING No.: M4