FAN SCHEDULE

CODE	MANUFACTURER/ MODEL NO.	SERVICE	LOCATION	FAN TYPE	CFM	ESP "W.C. (ALT.)	DRIVE	ELECTRICAL HP/W	ELECTRICAL VOLT	ELECTRICAL PH	MTG	CTRL	OPER. WEIGHT	REMARKS
GGEF-1	GREENHECK BSQ-420-100	GARAGE	GARAGE	INLINE	22,865	1.0	B	10	208	3	2	I	720	A,C,
GGTF-1	GREENHECK SP-A700	ELEVATOR	GARAGE	CEILING	690	Ø.25	D	350 W	120	I	I	II	35	A,B
GGEF-2	GREENHECK CSP-A780	GARAGE	GARAGE	CABINET	765	Ø.125	D	350 W	120	I	I	III	35	A

GENERAL NOTES
1. DRIVE TYPE: D=DIRECT-PROVIDE RHEOSTAT SPEED CONTROLLER IN FAN HOUSING UNLESS OTHERWISE NOTED.
   B=BELT-PROVIDE ADJUSTABLE SHEAVE UNLESS OTHERWISE NOTED.
2. ALL CURBS SHALL BE FACTORY MADE, 14 INCH HIGH INSULATED UNLESS OTHERWISE NOTED.
3. FAN CFM VALUE IS ACTUAL AT ALTITUDE. MOTOR HP HAS BEEN ADJUSTED TO SEA LEVEL CONDITIONS FOR OPERATION AT JOB SITE ELEVATION. JOB SITE ELEVATION= 5,300 FT.
4. PROVIDE MAGNETIC STARTER WITH AUXILIARY CONTACTS AND HOA SWITCH ON ALL THREE PHASE UNITS EXCEPT WHEN SERVED FROM MOTOR CONTROL CENTER.
5. PROVIDE HIGH EFFICIENCY MOTORS. (RELIANCE E+ OR EQUIVALENT)

MOUNTING (MTG)
I. INSTALL FAN WITH FLEXIBLE CONNECTIONS AT DUCT INLET AND OUTLET AND WITH HANGING VIBRATION ISOLATORS.
2. SUSPEND FROM STRUCTURE ABOVE PARKING DECK WITH 1" SPRING ISOLATORS AND BRACKETS

CONTROL (CTRL)
I. ENERGIZE VIA CO MONITOR SYSTEM: MACURCO SS-103-10A CONTROLLER WITH (3) CS102A TRANSDUCERS TO START FAN FOR CO GREATER THAN 200 PPM.
II. ENERGIZE VIA SPACE MOUNTED, COOLING ONLY LINE VOLTAGE THERMOSTAT.
III. FAN OPERATES CONTINUOUSLY.

REMARK NOTES
A. PROVIDE GRAVITY BACK DRAFT DAMPER.
B. WALL CAP
C. EXTENDED LUBRICATION LINES, GALVANIZED STEEL MOTOR COVER

ELECTRIC HEATING DEVICE SCHEDULE

CODE	MANUFACTURER/ MODEL NO.	TYPE	CAPACITY KW	CAPACITY BTUH	CONTROL TYPE	CONTROL BY	U.L. LISTED	ELECTRICAL VOLT	ELECTRICAL PH	ELECTRICAL FLA	DIMENSIONS L	DIMENSIONS W	DIMENSIONS H	OPER. WEIGHT	REMARKS
GGEUH-1,2	MARKEL FF5103N	UNIT HEAT	3.3	11200	INTG	MANUF	YES	208	I	27.7	6½	14½	17¾	30	A,B

REMARK NOTES
A. INTEGRAL THERMOSTAT SET TO MAINTAIN 55°F (ADJ.)
B. MOUNTING BRACKET

PLUMBING FIXTURE SCHEDULE

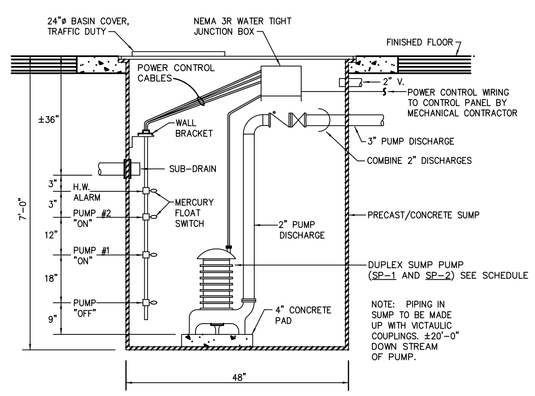
TAG	DESCRIPTION	MANUFACTURER/MODEL NO.	COLOR/FINISH	TRIM	MANUFACTURER/MODEL NO.	COLOR/FINISH	REMARKS
AD-1	AREA DRAIN	ZURN - Z610-VP	CAST IRON	-	-	-	CAST IRON GRATE, LESS BUCKET
AD-2	AREA DRAIN	ZURN - Z550-VP	CAST IRON	-	-	-	CAST IRON GRATE, LESS BUCKET
DN-1	DOWNSPOUT NOZZLE	ZURN - ZARB199	CAST IRON	-	-	-	

REMARK NOTES
1. -

PUMP SCHEDULE

TAG	MANUFACTURER/ MODEL NO.	SERVICE	LOCATION	PUMP TYPE	GPM	HEAD (FT)	ELECTRICAL HP	ELECTRICAL VOLT	ELECTRICAL PH	REMARKS
SP-1, -2	ZOELLER #61 HD SERIES	SUB/PARKING DRAINAGE	GARAGE BASEMENT	SUBMERSIBLE	28	20	-	-	1	-
ESP-1	ZOELLER #340-0006	ELEVATOR SUMP PUMP	ELEVATOR SUMP PIT	SUBMERSIBLE	10	30	4/10	115	1	-

GENERAL NOTES
1. PROVIDE MAGNETIC STARTER WITH AUXILIARY CONTACTS AND HOA SWITCH ON ALL THREE PHASE MOTORS.
2. PROVIDE HIGH EFFICIENCY MOTORS(RELIANCE E+ OR EQUIVALENT)
3. MANUFACTURER SHALL REVIEW SINGLE PUMP OPERATION ON ALL PARALLEL PUMPING APPLICATIONS AND PROVIDE MOTOR HP TO PREVENT OVERLOADING.
4. REQUIRED NPSH AT SCHEDULED OPERATING POINT SHALL NOT EXCEED 0.8•NPSHR



2 M1.2 DUPLEX SUMP PUMP DETAIL
SCALE: NONE

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GOLDEN GURA GARAGE
1250 Jackson St.
Golden, Colorado

PROJ. NO. 15038.00
DRAWN: TLF
CHECKED: DER
CADD FILE: GG-M1.SERIES.DWG
DATE: 06.16.06
REVISIONS: 07.26.06
1 ADD. NO. 1 8.10.06
2 ADD. NO. 2 9.27.06
RECORD DRAWING: 01.14.08

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GURA GARAGE
ISSUED FOR CONSTRUCTION - 9/29/06
SHEET TITLE:
SCHEDULES AND DETAILS
SCALE: AS NOTED
SHEET NUMBER:
M1.2