SPRINKLER GENERAL NOTES

1. EXISTING SYSTEMS SHALL REMAIN IN SERVICE UNTIL NEW WORK IS TESTED AND ACCEPTED. INTERRUPTION OF PROTECTION FOR THE PURPOSES OF MAKING TAPS OF EXISTING PIPING OR MAKING INTERCONNECTIONS BETWEEN NEW AND EXISTING WORK SHALL BE COORDINATED IN ADVANCE WITH THE OWNER.
2. CONTRACTOR SHALL MAKE MODIFICATIONS TO EXISTING SPRINKLER SYSTEM AS REQUIRED TO PROVIDE COVERAGE FOR THE NEW ARCHITECTURAL ARRANGEMENT (INCLUDING ALL OBSTRUCTIONS, SUCH AS LIGHTING FIXTURES, ETC.) IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13 AND LOCAL AUTHORITY HAVING JURISDICTION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO COMMENCING WORK. NEW SPRINKLER HEADS, WHERE NECESSARY, SHALL BE PROVIDED TO MATCH EXISTING STYLE. CONTRACTOR SHALL CENTER SPRINKLER HEADS IN CEILING TILES. RELOCATE EXISTING BRANCH SPRINKLER PIPING AS REQUIRED TO ACCOMMODATE DIFFUSER AND LIGHTING FIXTURE LAYOUTS.
3. SPRINKLER CONTRACTOR SHALL CENTER SPRINKLER HEADS IN CEILING TILES.
4. THE SPRINKLER SYSTEM SHALL REMAIN IN SERVICE AS LONG AS POSSIBLE DURING DEMOLITION ON THE FLOOR. WHEN THE SYSTEM IS TAKEN OUT OF SERVICE, THE OCCUPIED PORTION OF THE FLOOR SHALL REMAIN IN SERVICE. THE UNOCCUPIED PORTIONS SHALL HAVE A FIRE WATCH WHENEVER THE BUILDING IS OCCUPIED.
5. THE CONTRACTOR SHALL FULLY COORDINATE THE FIRE PROTECTION AND SPRINKLER WORK WITH THE WORK OF ALL OTHER TRADES TO PROVIDE COMPLETE SYSTEM WITHOUT INTERFERENCES.

MECHANICAL GENERAL NOTES

1. THE MECHANICAL CONTRACT DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO INDICATE SCOPE AND THE GENERAL ARRANGEMENT OF THE SYSTEMS. WHERE APPLICABLE THE FOLLOWING NOTES SHALL APPLY TO ALL MECHANICAL (HVAC AND PIPING) SYSTEMS.
2. THOUGH SOME DUCTWORK AND PIPING OFFSETS AND TRANSITIONS ARE INDICATED, IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL OFFSETS AND TRANSITIONS REQUIRED. THE CONTRACTOR SHALL FULLY COORDINATE THE MECHANICAL WORK WITHIN ITSELF AND WITH THE WORK OF ALL OTHER TRADES TO PROVIDE COMPLETE AND OPERABLE SYSTEMS WITHOUT INTERFERENCES.
3. PROVIDE APPROVED FIRE STOPPING MATERIAL AROUND ALL DUCTWORK AND PIPING PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATED FLOORS AND WALLS. PROVIDE FIRE DAMPERS AT ALL DUCT PENETRATIONS THROUGH FLOORS AND FIRE RATED WALLS AND FIRE/SMOKE DAMPERS AT ALL PENETRATIONS THROUGH SHAFT ENCLOSURES.
4. PROVIDE ACCESS PANELS WHERE REQUIRED FOR ADEQUATE ACCESS TO ALL CONCEALED EQUIPMENT, VALVES, DAMPERS AND CONTROLS.
5. ALL DUCT SIZES REFER TO INTERNAL FREE AREA. REFER TO DRAWINGS AND SPECIFICATIONS FOR INTERNAL INSULATION AND SOUND LINING PRIOR TO FABRICATION.
6. ALL DUCTWORK SHALL BE CONSTRUCTED OF RIGID SHEET METAL UNLESS OTHERWISE NOTED. FLEXIBLE DUCTWORK SHALL NOT BE PERMITTED.
7. COORDINATE DIFFUSER, REGISTER AND GRILLE LOCATIONS AND BORDER TYPES WITH ARCHITECTURAL REFLECTED CEILING PLAN.
8. INSTALL DUCTWORK AND PIPING MAINS TIGHT TO UNDERSIDE OF STRUCTURE UNLESS OTHERWISE INDICATED.
9. REFER TO MECHANICAL DETAILS FOR TYPICAL EQUIPMENT CONNECTIONS.
10. PATCH AND SEAL ALL REMAINING OPENINGS THROUGH FLOORS, WALLS AND ROOF RESULTING FROM DEMOLITION OR NEW WORK WITH MATERIALS AND FINISHES TO MATCH EXISTING CONSTRUCTION AND FIRE RATING.
11. ALL EXISTING PIPE TRENCHES AND THE EXISTING CRAWL SPACE SHALL BE CONSIDERED OSHA CONFINED SPACES.
12. AS AN INTEGRAL PART OF THESE DOCUMENTS, THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. CONTRACTOR SHALL VISIT THE SITE AND VERIFY EXISTING CONDITIONS PRIOR TO THE BEGINNING OF ANY WORK. FAILURE TO VISIT THE SITE SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM ANY RESPONSIBILITY.
14. CONTRACTOR SHALL USE CARE WHEN PERFORMING SELECTIVE DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO BUILDING FINISHES, EQUIPMENT, FURNITURE, STRUCTURE AND MECHANICAL/ELECTRICAL SYSTEMS AND EQUIPMENT. SHOULD ANY DAMAGE OCCUR THE CONTRACTOR SHALL RESTORE DAMAGED AREA/ITEMS TO ORIGINAL CONDITION TO MEET THE OWNER'S SATISFACTION.
15. CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE OWNER ANY UTILITY OUTAGES. OWNER SHALL BE GIVEN NOTICE FOR ANY OUTAGES AS DEFINED IN SPECIFICATIONS SECTION 01 00 00 GENERAL CONDITIONS.
16. HVAC SHALL BE MAINTAINED TO ALL AREAS OUTSIDE OF THE CURRENT PHASE OF THE RENOVATED AREA AT ALL TIMES. PROVIDE TEMPORARY CONNECTIONS AS REQUIRED. COORDINATE OUTAGES WITH THE OWNER AS DEFINED IN SPECIFICATIONS SECTION 01 00 00 GENERAL CONDITIONS.
17. DEMOLITION AND NEW WORK THAT WILL RESULT IN DOWN TIME OF SERVICES (HVAC, PLUMBING, ETC.) SHALL BE PERFORMED AT PREMIUM TIME AS REQUIRED TO MINIMIZE DOWN TIME TO ADJACENT SPACES. COORDINATE ALL OUTAGES WITH OWNER.
18. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL PHASING INFORMATION. ALL WORK AND ASSOCIATED OUTAGES SHALL BE COORDINATED WITH THE PHASING SCHEDULE AND THE OWNER.
19. BUILDING IS CONSIDERED OCCUPIED BETWEEN THE HOURS OF 7:00 AM AND 5:00 PM. WORK WITHIN OCCUPIED SPACES AND THE PIPE TRENCH AND ANY WORK TRANSMITTING VIBRATIONS AND NOISES THROUGH THE BUILDING STRUCTURE SHALL BE PERFORMED DURING OFF HOURS. SCHEDULE ALL WORK IN OCCUPIED SPACES WITH THE COTR AT LEAST 15 DAYS IN ADVANCE. REFER TO SPECIFICATIONS SECTION 01 00 00 GENERAL CONDITIONS.
20. RETURN TO OWNER, AT THEIR DISCRETION, ALL UNUSED MECHANICAL EQUIPMENT (I.E. HEATERS, FANS, PUMPS, FAN COIL UNITS, AIR DEVICES, THERMOSTATS AND CONTROLS).
21. COORDINATE WITH COTR AND OTHER DISCIPLINES FOR ANY REQUIRED HAZARDOUS MATERIALS ABATEMENT. REFER TO SPECIFICATION SECTION 02 82 13.19 FOR ANY HAZARDOUS MATERIALS REMEDIATION REQUIRED AT FAN COIL UNITS TO BE REMOVED AND AT ANY AREAS WHERE FLOOR TILES WILL BE DISTURBED DUE TO CONSTRUCTION WORK. REFER TO DRAWING 69-HA21 FOR FURTHER DIRECTION.
22. CONTRACTOR SHALL PROVIDE TEMPORARY COOLING AND HEATING AS REQUIRED TO ALL OCCUPIED AREAS OF BUILDING 69 DURING OCCUPIED HOURS. TEMPERATURE AND HUMIDITY LEVELS SHALL BE MAINTAINED AT 73°F (±3°F) AND 50% RH (±10%). CONTRACTOR MAY UTILIZE EXISTING SYSTEMS TO THE EXTENT POSSIBLE BUT MUST PROVIDE SUPPLEMENTAL EQUIPMENT TO THE EXTENT REQUIRED TO MAINTAIN SPACE CONDITIONS. (1)

MECHANICAL LEGEND

CHILLED WATER SUPPLY — CHWS
CHILLED WATER RETURN — CHWR
CONDENSER WATER SUPPLY — CS
CONDENSER WATER RETURN — CR
HEATING WATER SUPPLY — HWS
HEATING WATER RETURN — HWR
CONDENSATE DRAIN LINE — CD
LOW PRESSURE STEAM SUPPLY (0–15 PSI) — LPS
LOW PRESSURE STEAM RETURN — LPR
MEDIUM PRESSURE STEAM SUPPLY (16–60 PSI) — MPS
MEDIUM PRESSURE STEAM RETURN — MPR
HIGH PRESSURE STEAM SUPPLY (MIN. 61 PSI) — HPS
HIGH PRESSURE STEAM RETURN — HPR
CHECK VALVE
BALL VALVE
GATE VALVE
BUTTERFLY VALVE
GLOBE VALVE
BALANCING VALVE
MULTI–PURPOSE VALVE
VALVE IN VERTICAL POSITION
3 PORT MODULATING CONTROL VALVE
2 PORT MODULATING CONTROL VALVE
RELIEF VALVE
BACKFLOW PREVENTER

HOSE END VALVE
BUCKET STRAINER
WYE STRAINER W/HOSE END VALVE
FLANGED CONNECTION
GAUGE AND VALVE
TEMPERATURE/PRESSURE TEST PORT
THERMOMETER
UNION
PIPING CAP
MANUAL AIR VENT
AUTOMATIC AIR VENT
FLOOR DRAIN — FD
PIPE GUIDE OR SLEEVE
PIPE ANCHOR
PIPING ELBOW DOWN
PIPING ELBOW UP
PIPE CONNECTION BOTTOM
PIPE CONNECTION TOP
FLOOR CLEANOUT — CO
WALL CLEANOUT — CO
SUPPLY AIR DUCT UP (DASHED LINES FOR DOWN)
RETURN & EXHAUST AIR DUCT UP (DASHED LINES FOR DOWN)
OUTSIDE AIR DUCT UP (DASHED LINES FOR DOWN)
NEW DUCTWORK
EXISTING DUCTWORK

DUCTWORK TO BE REMOVED
DOUBLE THICKNESS TURNING VANES
DUCT TRANSITION ROUND TO RECTANGULAR
DUCT TRANSITION
CHANGE IN DUCT ELEVATION (R–RISE, D–DROP)
DUCT SIZE (FIRST FIGURE IS SIDE SHOWN)
BALANCING DAMPER
THERMOSTAT
CONNECT TO EXISTING
DISCONNECT EXISTING

ABBREVIATIONS

ABOVE FINISHED FLOOR	AFF
AIR HANDLING UNIT	AHU
AIR PRESSURE DROP	APD
DRY BULB	DB
ENTERING AIR TEMPERATURE	EAT
EXISTING TO REMAIN	ETR
EXTERNAL STATIC PRESSURE	ESP
FACE VELOCITY	FV
FINS PER INCH	FPI
HORSEPOWER	HP
LEAVING AIR TEMPERATURE	LAT
NORMALLY OPENED	NO
NORMALLY CLOSED	NC
NOT IN CONTRACT	NIC
OPEN ENDED DUCT	OED
OUTSIDE AIR	OA
REMOVE EXISTING	RX
RETURN AIR	RA
SUPPLY AIR	SA
TOTAL STATIC PRESSURE	TSP
UNLESS OTHERWISE NOTED	UON
WATER PRESSURE DROP	WPD
WET BULB	WB

EXPANSION TANK SCHEDULE

DESIG	LOCATION	SYSTEM	TYPE	TANK VOL. (GAL)	MIN ACCEP VOLUME (GAL)	AIR CHARGE PRECHARGE PSIG	AIR CHARGE OPER PSIG	DIMENSIONS DIA	DIMENSIONS H/L	DIMENSIONS SYSTEM CONN (IN)	BASIS OF DESIGN	REMARKS
EXP–1	MECH ROOM	HEATING	BLADDER	53	53	12	30	24	37	1	BELL & GOSSETT / B–200	–
EXP–2	MECH ROOM	CHILLED	BLADDER	53	53	12	30	24	37	1	BELL & GOSSETT / B–200	–

NOTES:
1. ALL EXPANSION TANKS SHALL BE FACTORY PRECHARGED TO CAPACITIES SHOWN.
2. BLADDER SHALL BE REMOVABLE THRU ACCESS HANDHOLE.
3. PROVIDE ALL PIPING SPECIALTIES AS SHOWN IN TYPICAL PIPING DIAGRAM.
4. ALL TANKS SHALL BE A.S.M.E. STAMPED.
5. ALL TANKS SHALL HAVE A MAXIMUM WORKING PRESSURE OF 125 PSI.

AIR DEVICE SCHEDULE

DESIG.	DUTY	SIZE (IN.)	CFM RANGE	INLET/ NECK SIZE (IN.)	MAX. S.P.	MAX. NC	DESCRIPTION	BASIS OF DESIGN
A	SUPPLY	24 x 24 MODULE	0 – 150	6 x 6	0.10"	25	18 x 18 LOUVERED FACE PANEL	TITUS TDC
B	SUPPLY	24 x 24 MODULE	151 – 335	9 x 9	0.10"	30	18 x 18 LOUVERED FACE PANEL	TITUS TDC
C	SUPPLY	24 x 24 MODULE	0 – 120	6"ø	0.10"	20	18 x 18 LOUVERED FACE PANEL	TITUS TDC
D	SUPPLY	24 x 24 MODULE	121 – 210	8"ø	0.10"	20	18 x 18 LOUVERED FACE PANEL	TITUS TDC
E	SUPPLY	24 x 24 MODULE	211 – 325	10"ø	0.10"	25	18 x 18 LOUVERED FACE PANEL	TITUS TDC
F	SUPPLY	18 x 4	0 – 250	18 x 4	0.10"	30	SINGLE DEFLECTION – REGISTER 3/4" SPACING	TITUS 271 RL
G	RETURN	24 x 24 LAY–IN	N/A	N/A	0.10"	20	PERFORATED FACE – REGISTER (FLUSH)	TITUS PAR

NOTE: MANUFACTURERS MAY PROVIDE ALUMINUM OR STEEL AIR DEVICES UNLESS OTHERWISE INDICATED. ALL AIR DEVICES IN HIGH HUMIDITY AREAS SHALL BE ALUMINUM.

AIR SEPARATOR SCHEDULE

DESIG	LOCATION	SYSTEM	SIZE	GPM	STRAINER	BASIS OF DESIGN	REMARKS
AS–1	MECH ROOM	HEATING	3"	80	N	BELL & GOSSETT	–
AS–2	MECH ROOM	CHILLED	6"	175	N	BELL & GOSSETT	–

NOTES
1. MAXIMUM PRESSURE DROP THRU AIR SEPARATORS SHALL BE ONE FOOT OF DROP.
2. PROVIDE HIGH CAPACITY AUTOMATIC AIR VENT ON AIR VENT PORT OF SEPARATOR.
3. CONSTRUCTION SHALL BE A.S.M.E. STAMPED FOR 125 PSI WORKING PRESSURE.

FAN COIL UNIT SCHEDULE

DESIG	TOTAL CFM	O.A. CFM	TYPE	FAN SPEED	FAN MOTOR WATTS	FAN MOTOR VOLTS/ PHASE	COOLING COIL DATA TOTAL BTU/HR	SENS. BTU/HR	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	EWT (°F)	LWT (°F)	GPM @ 10° ΔT	MAX WPD (FT.)	ROWS	HEATING COIL DATA BTU/H	EAT (°F)	LAT (°F)	EWT (°F)	LWT (°F)	GPM @ 40° ΔT	MAX WPD (FT.)	ROWS	DYNAMIC INSERTION LOSS db (ROUNDED @ 1000 FPM) OCTAVE BAND & MID FREQUENCY (CPS) 63 1	125 2	250 3	500 4	1000 5	2000 6	4000 7	8000 8	BASIS OF DESIGN
1	157	0	VERTICAL SLOPE TOP	MEDIUM	44	277/1	3,250	3,040	75.0	62.5	56.5	55.3	45	55	0.7	0.9	3	6,130	70.0	105.9	180	140	0.3	0.3	1	47	53	53	49	46	41	35	30	TRANE / FCJB020
2	215	0	VERTICAL SLOPE TOP	MEDIUM	56	277/1	5,430	4,600	75.0	62.5	54.3	53.4	45	55	1.1	2.4	3	8,680	70.0	107.2	180	140	0.4	0.6	1	49	55	55	52	48	43	36	30	TRANE / FCJB040
3	372	0	VERTICAL SLOPE TOP	MEDIUM	68	277/1	7,470	7,240	75.0	62.5	56.5	55.5	45	55	1.5	1.1	3	15,070	70.0	107.3	180	140	0.8	2.2	1	51	58	59	54	51	45	38	32	TRANE / FCJB060
4	463	0	VERTICAL SLOPE TOP	MEDIUM	82	277/1	10,520	9,290	75.0	62.5	55.3	54.3	45	55	2.2	2.3	3	19,210	70.0	108.3	180	140	1.0	4.0	1	51	58	58	54	51	46	40	36	TRANE / FCJB080
5	639	0	VERTICAL SLOPE TOP	MEDIUM	124	277/1	14,440	12,950	75.0	62.5	55.3	54.3	45	55	2.9	2.8	3	27,500	70.0	109.7	180	140	1.4	10.3	1	52	59	59	55	51	45	38	33	TRANE / FCJB100
6	652	0	VERTICAL SLOPE TOP	MEDIUM	138	277/1	14,700	13,170	75.0	62.5	55.4	54.5	45	55	3.0	2.8	3	27,940	70.0	109.5	180	140	1.4	10.6	1	54	60	61	56	54	47	41	37	TRANE / FCJB120
7	673	0	VERTICAL RECESSED	MEDIUM	138	277/1	15,170	13,560	75.0	62.5	55.4	54.4	45	55	3.1	3.0	3	28,690	70.0	109.3	180	140	1.4	11.1	1	59	58	63	58	55	49	43	38	TRANE / FCHB120
8	179	0	HORIZONTAL CONCEALED	MEDIUM	100	277/1	3,660	3,410	75.0	62.5	56.6	55.2	45	55	0.8	1.3	3	6,820	70.0	104.7	180	140	0.3	0.4	1	60	57	58	57	57	54	49	44	TRANE / FCCB020
9	227	0	HORIZONTAL CONCEALED	MEDIUM	170	277/1	5,680	4,820	75.0	62.5	55.5	54.3	45	55	1.1	5.6	3	9,070	70.0	101.8	180	140	0.5	1.3	1	63	65	66	62	58	53	48	41	TRANE / FCCB040
10	493	0	HORIZONTAL CONCEALED	MEDIUM	240	277/1	11,080	9,780	75.0	62.5	56.0	54.7	45	55	2.3	4.8	3	20,160	70.0	103.5	180	140	1.0	6.7	1	68	68	68	63	58	54	51	46	TRANE / FCCB080

NOTES:
1. PROVIDE WITH INTEGRAL DISCONNECT.
2. WALL–MOUNTED TEMPERATURE SENSORS PROVIDED BY DDC SYSTEM CONTRACTOR. COORDINATE.
3. CONCEALED UNITS SHALL BE FULLY ENCLOSED WITH INLET AND OUTLET DUCT COLLARS.
4. DRAIN PAN SHALL BE STAINLESS STEEL WITH INSULATION.
5. PROVIDE HIGH LEVEL CONDENSATE SENSOR AND ALARM FOR DRAIN PAN FOR EACH HORIZONTAL CONCEALED FAN COIL UNIT. COORDINATE WITH DDC SYSTEM CONTRACTOR.
6. PROVIDE WITH PREMIUM EFFICIENT MOTOR.

STEAM TO WATER HEAT EXCHANGER SCHEDULE

DESIG	SERVICE	WATER SIDE MBH	WATER SIDE GPM	WATER SIDE EWT (°F)	WATER SIDE LWT (°F)	WATER SIDE MAX. WPD (FT.)	WATER SIDE WATER TYPE	STEAM SIDE INITIAL PRESSURE	STEAM SIDE LBS/HR	CONDENSATE SIDE TRAP CAPACITY (LBS/HR)	TYPE	BASIS OF DESIGN
HX–1	HEATING WATER	1,600	75	140	180	3.0	WATER	5 PSIG	1,666	4,998	SHELL & TUBE	BELL & GOSSETT / SU 8 4–4
HX–2	DOMESTIC WATER	400	10	40	120	3.0	WATER	5 PSIG	417	1,251	SHELL & TUBE	BELL & GOSSETT / QDSU 4 4–4

HEATING AND VENTILATING UNIT SCHEDULE

DESIG	AREA SERVED	FAN DATA CFM	FAN DATA ESP (IN.)	FAN DATA TSP (IN.)	FAN DATA HP	FAN DATA VOLTS/ PHASE	FAN DATA FAN RPM	O.A. %	HEATING COIL DATA TYPE	HEATING COIL DATA MBH	HEATING COIL DATA EAT (°F)	HEATING COIL DATA LAT (°F)	HEATING COIL DATA EWT (°F)	HEATING COIL DATA LWT (°F)	HEATING COIL DATA GPM @ 40° ΔT	HEATING COIL DATA MAX WPD (FT.)	HEATING COIL DATA ROWS	OPER. WT. (LBS.)	FILTER A.P.D. (IN.) DIRTY	BASIS OF DESIGN
HV–1	CONNECTING CORRIDOR	2420	0.5	1.5	3	480/3	3,570	100	HOT WATER	158	60	120	180	140	7.9	12	2	728	0.5	TRANE – CLIMATE CHANGER

NOTES:
1. PROVIDE WITH PREMIUM EFFICIENT MOTOR.

PUMP SCHEDULE

DESIG	SERVICE	LOCATION	GPM	HEAD (FT.)	MOTOR HP	MOTOR MAX. BHP	MOTOR VOLTS	MOTOR PHASE	RPM	CONTROL	BASIS OF DESIGN	TYPE
CHWP–1	CHILLED WATER	MECH ROOM	175	80	7.5	6.4	480	3	1750	ATC	BELL & GOSSET SERIES 1510 / SIZE 2BC	BASE–MOUNTED END–SUCTION
CHWP–2	CHILLED WATER	MECH ROOM	175	80	7.5	6.4	480	3	1750	ATC	BELL & GOSSET SERIES 1510 / SIZE 2BC	BASE–MOUNTED END–SUCTION
HWP–1	HEATING WATER	MECH ROOM	80	90	5.0	4.25	480	3	1750	ATC	BELL & GOSSET SERIES 1510 / SIZE 1–1/2BC	BASE–MOUNTED END–SUCTION
HWP–2	HEATING WATER	MECH ROOM	80	90	5.0	4.25	480	3	1750	ATC	BELL & GOSSET SERIES 1510 / SIZE 1–1/2BC	BASE–MOUNTED END–SUCTION

NOTES:
1. PROVIDE WITH PREMIUM EFFICIENT MOTOR.

PRESSURE REDUCING STATION SCHEDULE

DESIG	LOCATION	STEAM PRESSURE (PSI) INLET	STEAM PRESSURE (PSI) REDUCED	CAPACITY (LBS/HR)	PIPE SIZES (1) D1	D2	D3	D4	D5	D6	REMARKS
PRV–1	MECHANICAL ROOM	100	20	2,500	3"	1 1/2"	2"	2 1/2"	3"	4"	VALUES BASED ON 2–VALVE ARRANGEMENT

NOTES:
1. REFER TO DETAIL 11/69–H9 FOR LOCATIONS OF PIPE SIZES.

Revisions	Date
1 ADDENDUM #1	8/2/12

Consultants

DERBY ENTERPRISES
ARCHITECTURE PLANNING ENGINEERING
1301 ENTERPRISE COURT, SUITE 103–C1
BEL AIR, MARYLAND 21014–1847
410.803.0009
FAX 410.838.1603

Seal: COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER MARK ALLEN FLICKINGER No. PE075510-E

bkm Engineering Life Spaces
Burdette, Koehler, Murphy & Associates, Inc.
Mechanical / Electrical Consulting Engineers
1423 Clarkview Road
Suite 500
Baltimore, Maryland 21209
p: 410.323.0600
f: 410.377.2543
www.bkma.com

Drawing Title: MECHANICAL LEGEND, ABBREVIATIONS, SCHEDULES, AND GENERAL NOTES

Project Title: BUILDING 69 HVAC UPGRADE

Date: MARCH 14, 2012

Project No. 542–09–102

Approved: Facilities Engineering Service Chief

Building Number: 69 | Checked: MAF | Drawn: ERS

Approved: Medical Center Director

Location: COATESVILLE, PENNSYLVANIA

DRAWING NO. 69-H1

Dwg. 6 Of 22

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