

revisions:  
 OWNER REVIEW 8-21-97  
 CHG TO PRECAST 8-8-97

seal:

title:  
 SCHEDULES

date: 10-14-97  
 job: 1697  
 file: 1697-A23  
 scale: 1/8" = 1'-0"

CONSULTANT  
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PENETRATING ITEM	CONCRETE		GYPSUM		WOOD FLOOR/CEILING	
	QTY	DESCRIPTION	QTY	DESCRIPTION	QTY	DESCRIPTION
PLASTIC PIPE	64	FS195/RC-1 PPD	395	FS195 CP 25WB	148	FS195/RC-1, PPD 570 CS195
	182	FSP195/RC-1 ESA, FD150	488	FS195/RC-1 PPD INSULATED	FS197 CP25WB	160 FS195/RC-1 CS195/PPD
	245	FS195/RC-1 CS195	562	FS195 CP 25WB		167 FS195/RC-1 PPD
METAL PIPE	49	CP 25N/S, S/L 36 7900 KIT	170	FD150 202 MOLD, PUTTY	147	CP 25 322 CP25WB
	93	CS195, FS195 FS195, CP 25	233	CS195, CP 25	328	CP 25N/S S/L 569 FD150
	94	CP 25/NS, S/L	234	CS195 CP 25N/S, S/L	570	CS195 FS195 CP 25WB
	137	FS195 CP 25N/S, S/L	319	CP25WB		
	138	CS195 CP25N/S, S/L	321	CP25WB		
	160	FD150	337	CP25N/S, S/L		
			395	CP 25 487 CP25WB		
INSULATED METAL PIPE	91	CP 25N/S, S/L FS195, CP 25	233	CS195, FS195 CP25	147	FS195, CP 25 566 FS195, CP 25WB
	152	CP 25N/S, S/L	395	FS195, CP25	567	FS195, CP 25WB
	203	MOLD, PUTTY			568	CP 25WB

NOTE: ALL FIRE RATINGS FOR FLOORS, WALLS, ETC. SHALL BE PROTECTED WHERE PIPING PENETRATES SAME WITH 3M SYSTEMS AS NOTED IN SCHEDULE SO AS TO MAINTAIN FIRE RATINGS. SEE ARCHITECTURAL PLANS FOR RATINGS OF ALL FLOORS, WALLS, ETC. ALL RATINGS THROUGHOUT BUILDING SHALL BE PROTECTED AS PER CODE. NO EXCEPTIONS.

DX SPLIT SYSTEM A/C UNIT SCHEDULE												
MARK	SUPPLY CFM	OSA CFM	EXT. S.P. INCHES	NET CAPACITY BTUH		ENT. AIR F		MOTOR DATA	ELECT. HEAT	MFR. & MODEL NO. EQUAL TO TRANE	SERVICE	REMARKS
				SENS.	TOTAL	DB	WB					
AC-1	1,100	170	0.5	23,000	31,000	78.9	66.7	1/3 HP 208/1/60	4.8 KW	TWH030	BREAKFAST	AUTO CHANGEOVER T'STAT.
AC-2	1,500	100	.625	24,400	39,000	76.8	65.8	1/3 HP 208/1/60	4.8 KW	TWV048	LOBBY	PROVIDE PLENUM PEDESTAL BAY99X114, AUTO CHANGEOVER T'STAT.
AC-3	1,100	100	0.5	27,500	30,000	76.6	65.8	1/3 HP 208/1/60	4.8 KW	TWH030	LAUNDRY	MANUAL CHANGEOVER T'STAT.

CONDENSING UNIT SCHEDULE													
MARK	TYPE	REFRIGERANT	MIN. SEER	MIN. EER	NET CAPACITY BTUH	AMB. AIR TEMP.	COMPRESSOR DATA			MCA	MOCP	MFR. & MODEL NO. EQUAL TO TRANE	ACCESSORIES
							ELEC.	R.L.A.	COND. F.L.A.				
CU-1	VERT. DISCHARGE	R-22	10.35	—	35,400	95	208/3/60	5.0	0.8	7	15	TTA036	
CU-2	VERT. DISCHARGE	R-22	10.35	—	43,000	95	208/3/60	8.0	0.8	10	20	TTA042	
CU-3	VERT. DISCHARGE	R-22	10.1	—	35,400	95	208/3/60	5.0	0.8	7	15	TTA036	LOW AMBIANT CONTROL

FAN SCHEDULE										
MARK	TYPE	CFM	EXT. S.P. INCHES	FAN RPM	MOTOR DATA	ACCESSORIES	SONES	MFR. & MODEL NO. EQUAL TO GREENHECK	LOCATION	REMARKS
EF-1	PRV CENTRIFUGAL	455	1/4	1,300	1/15 HP	1,2,4,8,14	5.5	G-90-G	GUEST TOILETS	
EF-2	PRV CENTRIFUGAL	390	1/4	1,050	1/8 HP	1,2,4,8,14	4.5	G-95-E	GUEST TOILETS	
EF-3	PRV CENTRIFUGAL	520	1/4	1,550	1/15 HP	1,2,4,8,14	7.4	G-90-D	GUEST TOILETS	
EF-4	PRV CENTRIFUGAL	520	3/8	1,550	1/15 HP	1,2,4,8,14	7.4	G-90-D	GUEST TOILETS	
EF-5	PRV CENTRIFUGAL	740	1/4	1,300	1/8 HP	1,2,4,8,14	6.8	G-95-G	GUEST TOILETS	
EF-6	PRV CENTRIFUGAL	130	1/8	1,300	1/30 HP	1,2,4,8,14	2.9	G-85-G	GUEST TOILETS	
EF-7	INLINE CENTRIFUGAL	240	1/4	1,050	80 W	1,3,6,9	2.6	CSP-228	VENDING	
EF-8	INLINE CENTRIFUGAL	410	1/4	1,350	144 W	1,3,6,9	3.2	CSP-228	PUBLIC TOILETS	
EF-9	INLINE CENTRIFUGAL	325	1/4	1,070	217 W	1,3,6,9	3.0	CSP-252	2nd VENDING	
EF-10	CEILING EXHAUST	65	1/8	1,500	40 HP	1,2,4,6,14	3.1	SP-6	GUEST TOILET	

1. DISCONNECT 2. BIRDSCREEN 3. FAN SHALL HAVE 1/2" ACOUSTICAL LINING W/ MOTOR RESILIENTLY MOUNTED. 4. BACKDRAFT DAMPER 5. FAN MOUNTED SPEED CONTROLLER  
 6. WALL LOUVER 7. RELIEF VENT EQUAL TO GREENHECK #REC-7 8. 18" ROOF CURB 9. RUN CONTINUOUSLY 10. WALL SWITCH  
 11. INTERLOCK W/ LIGHT SWITCH 12. FAN ON THERMOSTAT 13. FAN ON CO SENSOR EQUAL TO DELE #WCO-1B 14. FAN ON TIMER EQUAL TO GRASSLIN #16-72/1

ALL IN-LINE CENTRIFUGAL FANS TO BE HUNG FROM CEILING/FLOOR-DECK WITH NEOPRENE ISOLATION HANGERS.  
 ALL IN-LINE CENTRIFUGAL FANS TO HAVE 3" MIN. FLEX CONNECTION ON EACH SIDE OF FAN.

THRU WALL UNIT SCHEDULE											
MARK	CFM	MIN. O.S.A. CFM	COOLING CAP. BTUH	ELECTRIC HEAT KW	CLG. AMPS.	ELECTRIC	MIN. EER	ENT. AIR		MFR. & MODEL NO. EQUAL TO TRANE	REMARKS
								DB	WB		
A	215	0	7,400	3.5	4.0	208/1/60	11.8	78	64	PTEC0701G	W/ INSULATED SLEEVE
B	215	0	6,800	3.5	4.8	208/1/60	11.1	78	64	PTEC0901G	W/ INSULATED SLEEVE
C	270	0	12,000	5.0	7.3	208/1/60	10.8	76	64	PTEC1201J	W/ INSULATED SLEEVE

NOTES: 1. FURNISH COMPLETE WITH ARCHITECTURAL GRILLE AND SUBBASE.  
 2. ALL UNITS SHALL BE FACTORY SET WITH FRESH AIR INTAKE DAMPER IN CLOSED POSITION.

ELECTRIC WALL HEATER SCHEDULE						
MARK	TYPE	KW	VOLTAGE	ACCESSORIES	MFR. & MODEL NO. EQUAL TO MARKEL	REMARKS
EW-1	WALL MOUNTED	3	208/1/60	BUILT IN, TAMPER-PROOF THERMOSTAT	# F3423	THERMOSTAT @ 40° F

LEGEND	
MARK	DESCRIPTION
B.D.	BALANCING DAMPER
⊙	THERMOSTAT
⊕	HUMIDISTAT
◀	FIRE DAMPER IN VERTICAL POSITION
▶	FIRE DAMPER IN HORIZONTAL POSITION
O.B.D.	OPPOSED BLADE DAMPER
A.F.F.	ABOVE FINISHED FLOOR
C.A.I.	COMBUSTION AIR INTAKE
F.C.	3" FLEX CONNECTION
▼	CHANGE IN DUCT SIZE
T.A.O.	TRANSFER AIR OPENING
U.C.	UNDERCUT
\$	SWITCH

AIR DISTRIBUTION SCHEDULE		
MARK	DESCRIPTION	MANUFACTURER & MODEL NO. EQUAL TO
SAD	PERFORATED FACE, CEILING DIFFUSER	TITUS # PCS, FRAME STYLE 3 W/ O.B.D.
SAO-2	LOUVERED FACE-CEILING DIFFUSER	TITUS TDC, BEVELED DROP FACE BORDER (TYP 6)
SAR	LOUVERED FACE, SUPPLY REGISTER	TITUS # 1700 W/ O.B.D.
RAG	PERFORATED FACE, CEILING RETURN	TITUS # PAR, FRAME TO MATCH CEILING
WRAG	WALL RETURN AIR GRILLE	TITUS # 1700
EAR	LOUVERED FACE, EXHAUST REGISTER	TITUS # 1700 W/ O.B.D.
LD	LINEAR DIFFUSER	TITUS # CT-480, W/ REMOVABLE CORE AND O.B.D. FRAME & BORDER TYPE 2
I.A.L.	INTAKE AIR LOUVER	AIR BALANCE # ED 435 W/ INSECT SCREEN
E.A.L.	EXHAUST AIR LOUVER	AIR BALANCE # EJ 445 W/ INSECT SCREEN
O.A.L.	OUTSIDE AIR LOUVER	AIR BALANCE # EJ 445 W/ INSECT SCREEN