PACKAGED AIR COOLED CHILLER SCHEDULE

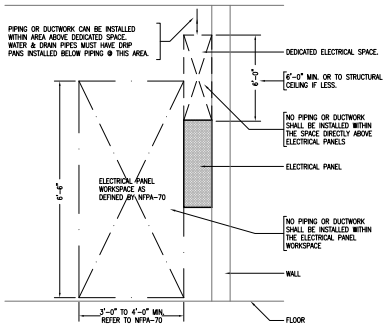
UNIT NO	% PG	COOLING CAPACITY		EVAPORATOR					COMPRESSOR					CONDENSER				ELECTRICAL								EFFICIENCY		REMARKS
				FLOW (GPM)		WATER TEMP (°F)		P-DROP (FT WG)	TYPE	REF CIRCUITS	CONTROL STEPS	TOTAL KW	TOT FAN KW	EAT	AIRFLOW CFM	FAN		TOTAL KW	MCA	MOCP	ICF	FUSE AMPS	V/P/H	DIM LxWxH	WEIGHT LBS	EER	IPLV EER	
		TONS	KW	MAX	MIN	IN	OUT									NO	TOT KW											
CH-1	35	146.2	159.1	372.5	204	52	42	12.3	SCROLL	2	8	159.1	25.9	93	124000	10	25.9	185	355.6	400.0	563.6	400.0	480/3/60	236X89X90	10601	9.49	17.05	CARRIER 30RB170 ①②

①1- UNIT SHALL INCLUDE SUCTION SERVICE VALVES, NON-FUSED DISCONNECT, AL FIN, CU TUBE, LOW SOUND OPTION, MIN. LOAD CONTROL, SINGLE POINT, NO COIL TRIM PANELS, HI EFFICIENCY VARIABLE CONDENSER FANS.

②UNIT SELECTED FOR OPERATION W/ 35% PROPYLENE GLYCOL

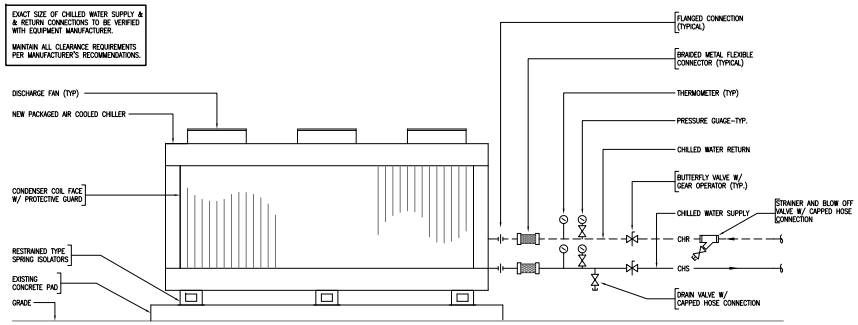
SYMBOLS & ABBREVIATIONS

CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
	PIPING TO BE REMOVED
	BUTTERFLY VALVE
	DIRECTION OF FLOW
	INCREASER/REDUCER
	PIPE DOWN
	PIPE UP
	UNION
	NEW CONNECTION
AFF	ABOVE FINISHED FLOOR
CFM	CUBIC FEET PER MINUTE
DT	DIFFERENTIAL TEMP.
EAT	ENTERING AIR TEMPERATURE
EXIST.	EXISTING
FC	FLEXIBLE CONNECTION
LAT	LEAVING AIR TEMPERATURE
Lwa	A-WEIGHTED SOUND RATING
PSI	POUNDS PER SQUARE INCH
PG	PROPYLENE GLYCOL
RPM	REVOLUTIONS PER MINUTE
W	WATTS



1 M2.0 ELECTRICAL SYSTEMS COORD. DETAIL

SCALE: NONE



2 M2.0 TYPICAL CHILLER DETAIL:

SCALE: NONE

Revision Number	Date	Notes:
-	-	-

ROBERT S. WILKINSON
STATE OF RHODE ISLAND
No. 4589
REGISTERED PROFESSIONAL ENGINEER

ISSUED FOR BID

WILKINSON ASSOCIATES INC
CONSULTING ENGINEERS
615 jefferson boulevard suite 7 warwick, rhode island 02886
telephone [401] 737-6382

PROJECT
CHILLER REPLACEMENT:
ALICE M. WADDINGTON SCHOOL
RIVERSIDE, RHODE ISLAND

DRAWING
MECHANICAL: LEGEND, SCHEDULES & DETAILS

PROJECT #	15054
DRAWN BY:	CC
CHECKED BY:	RSW
SCALE:	AS NOTED
DATE:	MAR 24, 2016

M2.0

3/24/2016 1:06 PM S:\Dropbox\D\15054 Waddington Elementary Chiller Replacement\15054 Mechanical M2.dwg