

DESIGNED BY PROFESSIONALS



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ISSUE/REVISION RECORD

DATE	DESCRIPTION
08/21/18	ISSUED FOR PERMIT
08/21/18	REV-1 PERMIT COMMENTS



RACETRAC PETROLEUM, INC.
 200 GALLERIA PKWY SE
 SUITE 900
 ATLANTA, GEORGIA 30339
 (770) 431-7600

PROJECT NAME

EAST MAIN STREET

CARTERSVILLE GEORGIA

1325 E. MAIN ST.
 CARTERSVILLE, GA 30121

RACETRAC PROJECT NUMBER

1310

PROTOTYPE SERIES 5.5K 2.0

18 RH MO

PLAN MODIFICATION NOTICE

SPB NO. DATE

STANDARD PLAN BULLETINS (SPB) MODIFY THE
 PROTOTYPE SERIES SET NOTED ABOVE. THE
 LISTED SPB REPRESENTS THE LATEST
 MODIFICATION INCORPORATED TO THIS
 PROTOTYPE SERIES SET AT ORIGINAL RELEASE.
 THE ISSUE/REVISION RECORD COLUMN ABOVE
 LISTS ANY REVISIONS OR SPB INCORPORATED
 IN THIS SET AFTER THE ORIGINAL RELEASE.
 CONTACT RACETRAC ENGINEERING AND
 CONSTRUCTION FOR ANY SUBSEQUENT
 BULLETINS NOT INCORPORATED HEREIN.

PROFESSIONAL SEAL



08/21/18

PROJECT NUMBER

18.714.00

SHEET TITLE

**MECHANICAL
 EQUIPMENT
 SCHEDULES**

SHEET NUMBER

M002

ISSUE FOR PERMIT

A/C UNIT TAG	MANUFACTURER	MODEL**	CFM	E.S.P. (in. W.C.)	BHP	COOLING(MBH)*				HEATING			ELECTRICAL			OPERATING WEIGHT LBS.	NOTES		
						TOTAL	SENSIBLE	IEER	EER	TYPE	KW	MBH	STAGES	OUTSIDE AIR CFM	VOLT/PH/HZ			MCA	MOCF
RTU-1	CARRIER	50TC-E14K3M5-6F1G0	4800	1.0	4.08	155.1	118.1	12.4	11.0	ELECT	24	74	1	800	208/3/60	101	110	1,527	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
RTU-2	CARRIER	50TC-E14K3M5-6F1G0	4800	1.0	4.08	155.1	118.1	12.4	11.0	ELECT	24	74	1	800	208/3/60	101	110	1,527	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
RTU-3	CARRIER	50TC-B07K2M5-6F1J0	2100	1.0	2.16	73.6	44.4	2.9	11.2	ELECT	12	36.9	1	320	208/3/60	53	60	929	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

*DESIGN BASED ON 95°F OA, 80°F DB, AND 67°F WB
 **MODEL NUMBER PROVIDED THROUGH NATIONAL ACCOUNT AGREEMENT. IF ANY DISCREPANCIES BETWEEN MODEL NUMBER AND NOTES OCCUR, PROVIDE REQUIRED ACCESSORIES AS INDICATED IN NOTES.
 RACETRAC HAS AN EXCLUSIVE NATIONAL ACCOUNT WITH CARRIER. PLEASE CONTACT KEN REVILLA 954-218-0070 OR EMAIL ken.revilla@carrier.us FOR PRICING QUESTIONS.

- NOTES:
1. PROVIDE UNITS WITH INSULATED MATCHING ROOF CURB, MINIMUM 14" IN HEIGHT.
 2. PROVIDE UNITS WITH ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF.
 3. PROVIDE COMPRESSORS WITH SHORT CYCLING PROTECTION.
 4. PROVIDE INTEGRAL DISCONNECT SWITCH AND SINGLE POINT POWER CONNECTION.
 5. PROVIDE CONDENSATE DRAIN OVERFLOW SENSOR SWITCH.
 6. PROVIDE SMOKE DETECTOR ON SUPPLY DUCT, TO SHUTDOWN UNIT IF DETECTING SMOKE.
 7. PROVIDE DEHUMIDIFICATION PACKAGE WITH ADDITIONAL INTEGRAL HOT GAS REHEAT COIL AND REFRIGERANT PIPING.
 8. UNITS ARE AHRI RATED.
 9. PROVIDE WITH EPOXY COATED COILS WITHIN 5 MILES OF COAST LINE.
 10. PROVIDE WITH HAIL GUARDS.
 11. PROVIDE 5 YEAR COMPRESSOR AND 3 YEAR PARTS WARRANTY.

TAG	SERVICE AREA	MANUFACTURER	MODEL NUMBER	CONFIG	CFM	E.S.P. (IN W.G.)	SONES	HP	RPM	DRIVE	VOLT/PH/HZ	WEIGHT (LBS)	DIMENSIONS LxWxH	OPENING L"xW"	CONTROL	NOTES
EF-1	RESTROOM MENS	GREENHECK	G-080-VG	ROOF	210	0.5	7.5	1/10	1725	DIRECT	120/1/60	47	17x17	12.5x12.5	RESTROOM LIGHTING	1, 2, 3
EF-2	RESTROOM WOMENS	GREENHECK	G-080-VG	ROOF	210	0.5	7.5	1/10	1725	DIRECT	120/1/60	47	17x17	12.5x12.5	RESTROOM LIGHTING	1, 2, 3
EF-3	KITCHEN PREP	GREENHECK	G-103-VG	ROOF	600	0.5	5.0	1/4	1725	DIRECT	120/1/60	61	19x19	14.5x14.5	WALL SWITCH	1, 2, 3
EF-4	DRY GOODS RECEIVING	GREENHECK	G-103-VG	ROOF	600	0.5	5.0	1/4	1725	DIRECT	120/1/60	61	19x19	14.5x14.5	THERMOSTAT	1, 2, 3
EF-5	CO2 EMERGENCY	GREENHECK	SQ-100-VG	INLINE	1050	.75	8.1	1/4	1721	DIRECT	120/1/60	45	19x19	17x24x17	CO2 SENSOR	1, 2, 3, 4

- NOTES:
1. PROVIDE FANS WITH INSULATED MATCHING ROOF CURB, MINIMUM 12" IN HEIGHT.
 2. PROVIDE FANS WITH AUTOMATIC BACKDRAFT DAMPERS.
 3. PROVIDE FANS WITH DISCONNECT SWITCH.
 4. UPON A HIGH LEVEL CO2 DETECTION OF 1.5% (15,000 PPM), EF-5 SHALL BE INDEXED ON AND AN AUDIBLE AND VISUAL ALARM SHALL BE GENERATED.

TAG	MANUFACTURER	MODEL NUMBER	FACE SIZE	NECK SIZE	MATERIAL	FRAME	FINISH	DAMPER	THROW	NC	CFM RANGE	NOTES
A	TITUS	TMSA-AA	12x12	SEE PLAN	ALUM.	PLASTER	OFF WHITE	-	VERT/HORZ	MAX 30	10-150	1, 2, 3, 4, 5, 6
B	TITUS	TMSA-AA	24x24	SEE PLAN	ALUM.	LAY-IN	OFF WHITE	-	VERT/HORZ	MAX 30	250-425	1, 2, 3, 4, 5, 6
C	TITUS	ML39-NT	(24x1")	SEE PLAN	ALUM.	LAY-IN	OFF WHITE	-	VERT/HORZ	MAX 30	10-250	1, 3, 4, 5, 6, 8
D	TITUS	ML39-NT	(44x1")	SEE PLAN	ALUM.	DRYWALL	OFF WHITE	-	VERT/HORZ	MAX 30	350-400	1, 3, 4, 5, 6, 8
E	TITUS	ML39-NT	(24x1")	SEE PLAN	ALUM.	LAY-IN	OFF WHITE	-	VERT	MAX 30	10-250	1, 3, 4, 5, 6, 8
F	TITUS	ML39-NT	(54x1")	SEE PLAN	ALUM.	LAY-IN	OFF WHITE	-	VERT	MAX 30	10-500	1, 3, 4, 5, 6, 8
G	TITUS	ML39-NT	(24x1")	SEE PLAN	ALUM.	LAY-IN	OFF WHITE	-	VERT	MAX 30	10-250	1, 3, 4, 5, 6, 8
R	TITUS	350RL	12x12	10x10	ALUM.	DRYWALL	OFF WHITE	-	-	MAX 30	-	3, 4, 6, 7
S	TITUS	350RL	24x24	22x22	ALUM.	LAY-IN	OFF WHITE	-	-	MAX 30	-	3, 4, 6
T	TITUS	350RL	24x48	22x46	ALUM.	LAY-IN	OFF WHITE	-	-	MAX 30	-	3, 4, 6

- NOTES:
1. PROVIDE SPIN-IN COLLAR WITH VOLUME DAMPER AT TRUNK TO FLEX DUCT CONNECTION (SEE DETAIL ON M430).
 2. PROVIDE TYPICAL 4-WAY DIFFUSION, 2-WAY OR 3-WAY ONLY WHERE INDICATED ON PLANS.
 3. REFER TO ARCHITECT PLANS FOR CEILING TYPE.
 4. FINAL COLOR SELECTION SUBJECT TO ARCHITECT APPROVAL.
 5. FLEX DUCT SIZE TO BE SAME AS DIFFUSER NECK SIZE.
 6. PROVIDE INSULATION ON THE BACK OF DIFFUSER.
 7. PROVIDE GRILLE MOUNTED OPPOSED BLADE VOLUME DAMPER WITH CONCEALED ACCESSIBLE OPERATOR.
 8. PROVIDE MP1-39 PLENUM BOX AND BORDER TYPE 2A.

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