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AIR DISTRIBUTION DEVICE SCHEDULE										
MARK	MANUFACTURER	MODEL	TYPE	NECK SIZE (L" X W" OR DIAMETER")	FACE SIZE (L" X W")	FRAME TYPE	FINISH	MATERIAL	ACCESSORIES	REMARKS
SD-1	(2)	(2)	PLAQUE FACE	8"	24 X 24	(2)	(2)	STEEL	PFS, DMPR	
RD-1	(5)	(5)	PLAQUE FACE	12"	24 X 24	(5)	(5)	STEEL	PFS, DMPR	
TG-1	(4)	(4)	WALL TRANSFER GRILLE	12 X 12	-	(4)	(4)	STEEL		
ED-1	(5)	(5)	PLAQUE FACE	6"	12 X 12	(5)	(5)	STEEL	PFS, DMPR	
SR-1	(7)	(7)	DUCT SUPPLY GRILLE	22 X 6	-	(7)	(7)	ALUMINUM	DMPR	
SR-2	(6)	(6)	DUCT SUPPLY GRILLE	33 X 6	-	(6)	(6)	STEEL	DMPR	
SR-3	(6)	(6)	DUCT SUPPLY GRILLE	13 X 6	-	(6)	(6)	STEEL	DMPR	
ACCESSORIES:			REMARKS							
PFS-PLASTER FRAME			1 NO EXCEPTIONS ALLOWED.							
DMPR- DAMPER			2 SPEC THE FOLLOWING DIFFUSER TYPE FOR RECTANGULAR DUCTWORK.							
DL-DRUM LOUVER			3 NECK SIZE REFERS TO THE SIZE OF THE DUCTWORK CONNECTION TO THE DROP BOX. FACE SIZE IS THE SIZE OF THE							
EXT-LINDAB AIR EXTRACTOR			DRUM LOUVER IN THE DROP BOX.							
OBD-OPPOSED BLADE DAMPER			4 FOR AES PRODUCT QUESTIONS CONTACT SETH BELL BY PHONE AT (800) 786-0402 x318 OR BY EMAIL AT SBELL@AESCURB.COM							
			5 PROVIDE BASE LOUVER WITH OPPOSED BLADE DAMPER AND WHITE FACTORY PAINT.							
KEY NOTE	MARK	MANUF	MODEL	FRAME TYPE	ACCESSORIES DAMPER	PLASTER FRAME	FINISH (WHITE)	REMARKS		
2	SD-1	KRUEGER	PLQ	23	PRN-100	5HCF23	BRITISH WHITE	FOUR WAY BLOW PATTERN		
		PRICE	SPD	31	VCR-7	AMF	B12			
		TITUS	OMNI	3	AG-75	TRM	26			
4	TG-1	KRUEGER	S85	SURFACE	-	-	BRITISH WHITE			
		PRICE	535	SURFACE	-	-	B12			
		TITUS	25RL	SURFACE	-	-	26			
5	RD-1/ED-1	KRUEGER	PLQ	23	-	5HCF23	BRITISH WHITE			
		PRICE	SPD	31	-	AMF	B12			
		TITUS	OMNI	3	-	TRM	26			
6	SR-2/SR-3	LINDAB	RGS-3	DUCT	EXT	-	GALVANIZED	'EXT' IS THE AIR EXTRACTOR		
		PRICE	SDGE	DUCT	AS	-	GALVANIZED	'AS' IS THE AIR SCOOP		
7	SR-1	KRUEGER	880H	VARIABLE	OBD	-	ALUMINUM	ONLY USE FOR RECTANGULAR DUCTWORK		
		PRICE	520L	VARIABLE	D	-	ALUMINUM			
		TITUS	300RL	VARIABLE	AG-15	-	ALUMINUM			

## HVAC Equipment Schedule

Manufacturer: TRANE  
(EXISTING)

TAG NAME	RTU-1	RTU-2	RTU-3	RTU-4	RTU-5
UNIT MODEL	WSC120	WSC080	WSC080	WSC080	WSC080
UNIT SIZE	10.0	5.0	5.0	5.0	7.5
VOLTAGE	230/60/3	230/60/3	230/60/3	230/60/3	230/60/3
DUCT CONFIGURATION	DOWNFLOW	DOWNFLOW	DOWNFLOW	DOWNFLOW	DOWNFLOW
MAX UNIT OPERATING WEIGHT	1,407	944	944	944	993
<b>COOLING PERFORMANCE</b>					
ELEVATION	105	105	105	105	105
DESIGN AIRFLOW	3,200	1,800	1,800	1,800	2,400
AMBIENT TEMP	104.0	104.0	104.0	104.0	104.0
COOLING ENTERING DB	78.7	81.5	82.1	81.3	66.9
COOLING ENTERING WB	65.9	68.9	69.7	68.7	64.3
COOLING LEAVING UNIT DB	56.1	60.3	60.9	60.9	55.4
COOLING LEAVING UNIT WB	54.8	57.8	57.4	57.8	53.2
GROSS TOTAL CAPACITY	111.1	58.9	58.6	58.7	81.1
GROSS SENSIBLE CAPACITY	82.0	38.7	38.7	38.7	59.0
EER AT ARI	12.2	13.0	13.0	13.0	11.1
SEER	12.2	13.0	13.0	13.0	11.1
<b>SUPPLY FAN</b>					
DESIGN ESP	0.5	0.5	0.5	0.5	0.5
TOTAL STATIC PRESSURE	0.7	0.6	0.6	0.6	0.6
<b>HEATING PERFORMANCE</b>					
HEATING EAT	60.0	60.0	60.0	60.0	60.0
HEATING LAT	33.6	90.0	89.9	90.0	81.0
HP HEATING CAPACITY	27.0	18.0	18.0	18.0	27.0
ELECTRIC HEAT	74.9	50.2	50.2	50.2	52.1
HEATING AMBIENT	37.0	37.0	37.0	37.0	37.0
<b>ELECTRICAL DATA</b>					
MO	122.3	75.5	75.5	75.5	108.7
MO	125	80	80	80	110

**FACTORY PROVIDED, FIELD INSTALLED ITEMS:**  
 AUTHORIZED OUTSIDE AIR DAMPER. CONTRACTOR SHALL REMOVE EXISTING MANUAL DAMPER AND INSTALL NEW AUTHORIZED DAMPER.

**CONTRACTOR PROVIDED AND INSTALLED ITEMS:**

- CONTRACTOR IS RESPONSIBLE FOR CLEAN HVAC COILS AT THE END OF CONSTRUCTION. PROVISIONS SHOULD BE TAKEN TO KEEP COILS CLEAN, AND IF COILS GET DIRTY, THEN CONTRACTOR IS RESPONSIBLE FOR CLEANING.
- CONTRACTOR SHALL PROVIDE THREE SETS OF 2" DEEP PLEATED MERV 8 RATED FILTERS (SUCH AS FARR 30/30 FILTERS). THE CONTRACTOR SHALL REPLACE FILTERS JUST PRIOR TO AIR-BALANCE, AFTER ANY HEAVY SANDING, AND ONCE AGAIN AFTER FINAL STORE CLEANING IS COMPLETE.
- CONTRACTOR TO PROGRAM HVAC EQUIPMENT THERMOSTAT, INITIAL OPERATION HOURS AND TEMPERATURE SET POINTS. ADJUST OPERATIONAL HOURS WHEN OBTAINED BY GENERAL CONTRACTOR.
- PROVIDE IDENTIFICATION ON ALL HVAC EQUIPMENT. PROVIDE STENCIL WITH A MINIMUM OF 4" HIGH BLACK SPRAY PAINTED LETTERS INDICATING TENANT'S NAME, HVAC UNIT NUMBER AND SPACE NUMBER. VERIFY ADDITIONAL REQUIREMENTS WITH LANDLORD.
- TEST AND BALANCE CONTRACTOR SHALL PROVIDE NEW BELTS AND SHEAVES TO MATCH DESIGN AIRFLOW.

REFER TO SHEET MO-1 FOR RESPONSIBILITY MATRIX CONCERNING CONTRACTOR FURNISHED AND OWNER FURNISHED ITEMS.

FAN SCHEDULE								
MARK	MFR	MODEL	CFM	S.P. (IN W.G.)	ELECTRICAL		OPER WT (LBS)	REMARKS
					H.P.	VOLT/PH/Hz		
EF-1	LOREN COOK	60SQN-B	315	0.50	1/2	120/180	80	1.2

REMARKS:  
 1 PROVIDE FACTORY INSTALLED DISCONNECT SWITCH AND BACKDRAFT DAMPER.  
 2 EF SHALL RUN THRU SCENE 2 CONTROLLER. REFER TO ELECTRICAL DWGS.

OUTSIDE AIR REQUIREMENTS	
SYSTEM NUMBER	ACTUAL OUTSIDE AIR (CFM)
RTU-1	735
RTU-2	570
RTU-3	620
RTU-4	570
RTU-5	295
<b>TOTAL</b>	<b>2,790</b>

NEW STORE

**OLD NAVY**


CH2M HILL  
 CORPORATE ARCHITECTURE  
 HARRIS STREET  
 SAN FRANCISCO, CA 94105

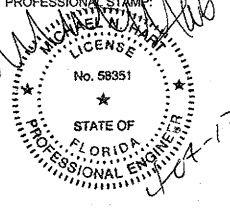
REPS. I.D.: 000054156


STORE NUMBER: 4458

STORE LOCATION:  
 VINELAND  
 8231 VINELAND AVENUE  
 SUITE 2151  
 ORLANDO, FLORIDA 32821

DESIGN TYPE: P3  
 GENERATION: 17Q12  
 PROTOTYPE DATE: 07/18/16  
 OPENING: 2017

CONSULTANT INFO:  
  
 EEA Consulting Engineers  
 6615 Vaughn Ranch Road, Suite 100  
 Austin, Texas 78730-2314 USA  
 512.744.4400 main 512.744.4444 fax  
 www.eeac.com  
 State of Registration: FLORIDA  
 Firm Registration No. 26645  
 EEA Project No. 20169549

PROFESSIONAL STAMP:  
  
 No. 58351  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

ARCHITECT INFO:  
  
 ARCHITECT OF RECORD: B|R|R ARCHITECTURE, INC.  
 5700 ANTIOCH PLAZA, SUITE 300, MERRIMAN, KANSAS 66624

ISSUE TYPE:  
 PERMIT/BID: 04/07/17

REVISIONS:

DRAWN BY: CCP  
 A/E JOB NUMBER: 65013011

TITLE SHEET:  
 MECHANICAL SCHEDULES

SHEET NUMBER:  
**M4-0**