

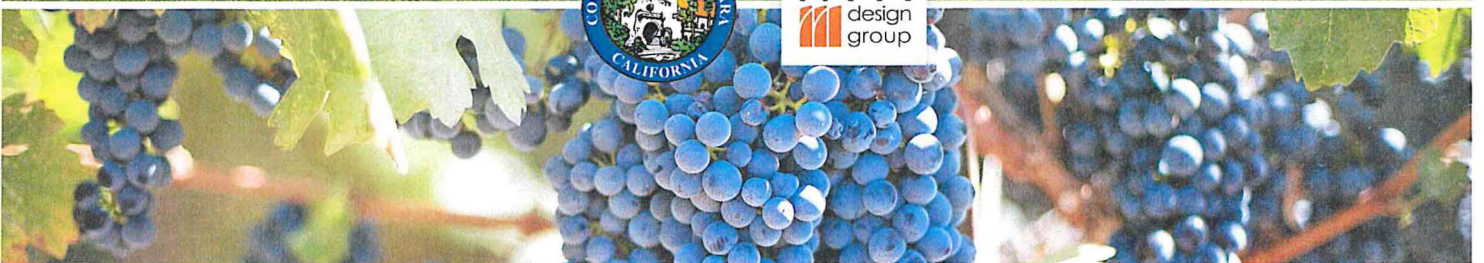
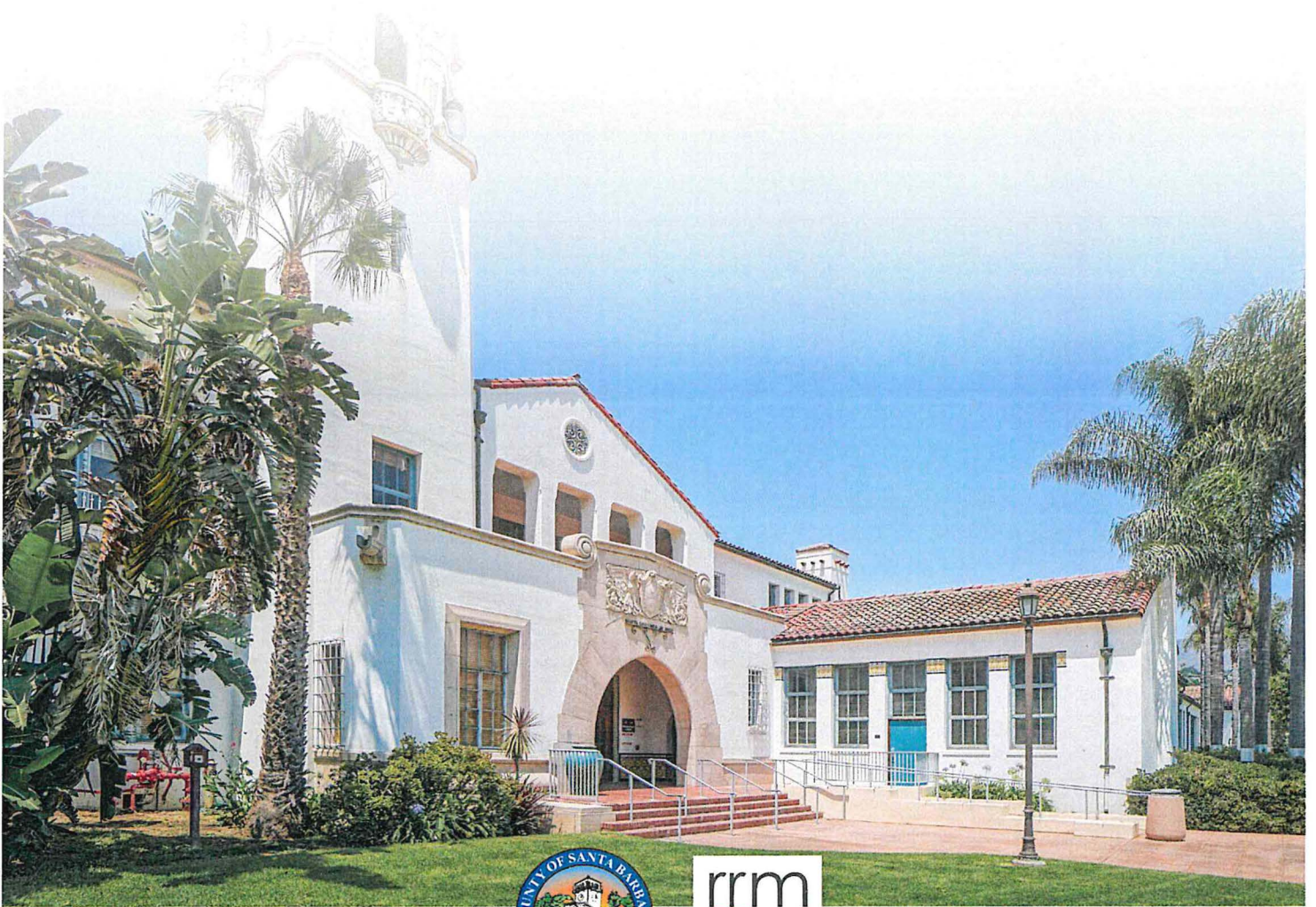
Attachment B

PSAP/Redundant Dispatch Center Conceptual Plan

SANTA BARBARA COUNTY

BACKUP DISPATCH FACILITY

MAY 2021



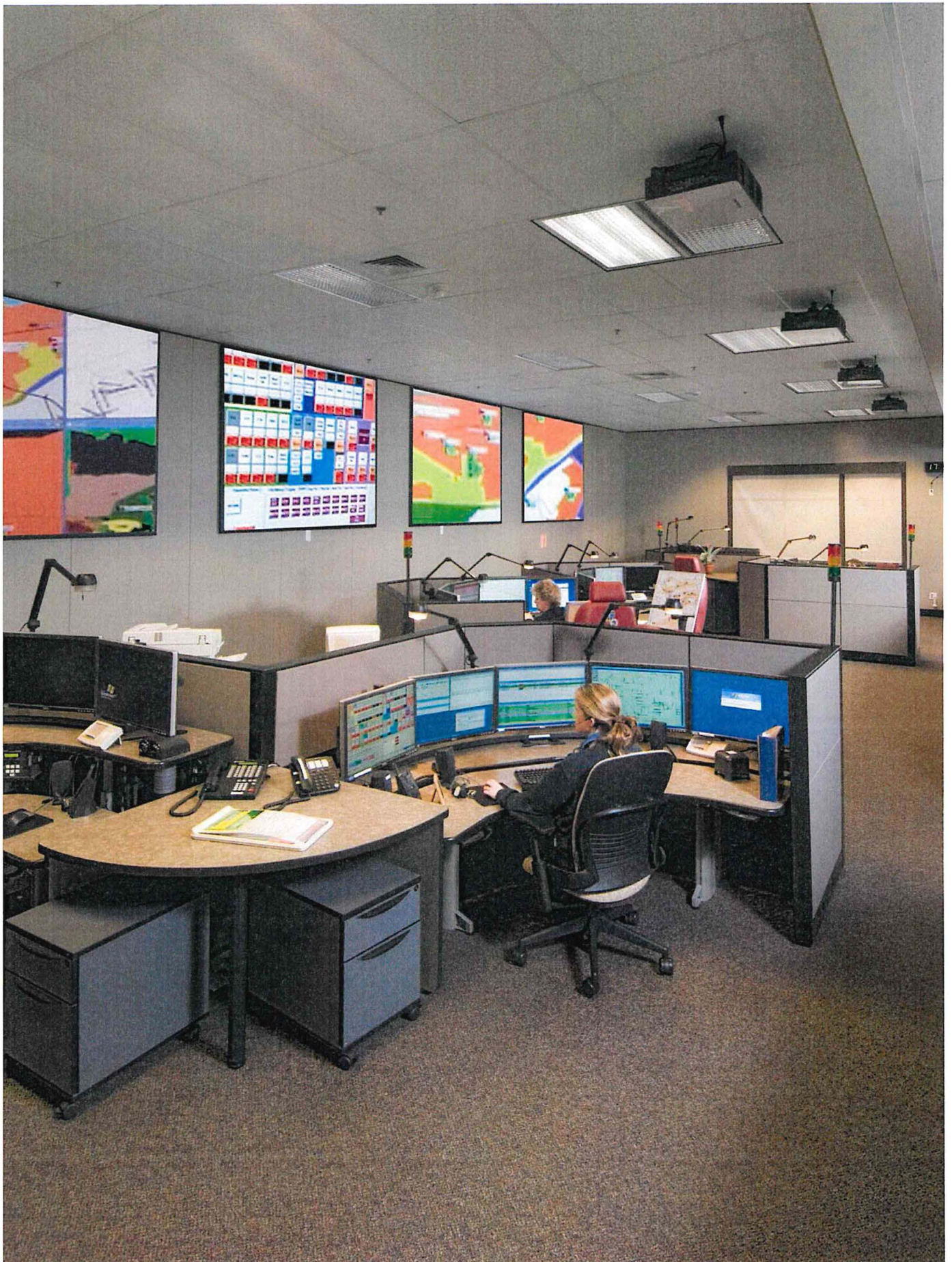


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EXECUTIVE SUMMARY

The Santa Barbara County Fire Department has the goal of providing a Backup Dispatch Center (BUD) for the fire dispatch that can be activated if there is an event that renders the primary dispatch center inactive or requires increased capacity. The County would like to locate the Backup Dispatch Center in the North county area to provide increased redundancy as the current and proposed primary dispatch is located in the South portion of the County. Locating the Backup Dispatch Center in the North County area increased the likelihood that both facilities will not be effected at the same time and provides direct access to the areas of North County.

The Santa Barbara County Fire Department and the Santa Maria Police Department are investigating the opportunity to collaborate on locating the Backup Dispatch Center for Santa Barbara County in a currently unused section of the Santa Maria Police Station located at 1111 Betteravia Road in Santa Maria. The Santa Maria Police Department would also like to develop a portion of the space to be a training room for their department.

The Police Station is equipped with an on site antenna, server room, and emergency generator to serve the police department, including the on site Santa Maria Police Department dispatch center. The server room, electrical system and emergency generator are identified by the police department to have adequate space to add the Santa Barbara Backup Dispatch Center functions.

The following layouts include architectural, electrical and mechanical analysis of the space to include consoles and video display monitors for the Backup Dispatch Center and training room configuration with tables, chairs and monitors. The space also provides a movable dividing wall that can separate the space into the two areas.

The following study will provide the Santa Barbara County Fire Department and Santa Maria Police Department with the layout and analysis to determine if they will move forward with the next steps of collaboration on this facility.

ACKNOWLEDGMENTS

RRM Design Group acknowledges the team effort it took to develop this report. We appreciate the leadership, dedication, and time that County staff contributed to the comprehensiveness of the report and vision for achieving the project.

ACKNOWLEDGMENTS

Substantial contributions to this project were made by both the County of Santa Barbara and RRM Design Group and their Consultants. Below is a list of notable individuals involved in preparing this report:

SANTA BARBARA COUNTY FIRE DEPARTMENT

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Jim Norris Matthew Ferris
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SANTA BARBARA COUNTY SHERIFF

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SPACE NEEDS SUMMARY

County of Santa Barbara Fire Department

BACKUP DISPATCH CENTER - BUD

SPACE NEEDS OUTLINE

August 11, 2021

SITE OPERATIONS	SPACE ATTRIBUTES
Site Access	The Backup Dispatch (BUD) will utilize the parking and site access of the existing Santa Maria Police
Visitor and Public Parking	Existing visitor parking exists that would access the lobby of the Santa Maria Police Department
Emergency Generator	The existing diesel generator sized to support the Santa Maria Police Department with the added Backup Dispatch Center
Security Fence	The existing Santa Maria Police Station has a secured yard with fencing and access gate
Trash and Recycling	The BUD will utilize the existing trash and recycling of the Santa Maria Police Department
Radio Antenna	The BUD will utilize the existing antenna of the Santa Maria Police Department. It is sized to accommodate additional equipment.
Site Lighting	Site Lighting is provided in the existing parking lot of the Santa Maria Police Department but should be verified to provide needed light at BUD exits and entries.

Backup Dispatch Purpose:							
The Backup Dispatch Center (BUD) is to support 4 dispatch consoles and 2 support workstations in the event of activation.							
FINISH LEGEND							
A. Simple Finishes		B. Standard Office Type Finishes		C. Intense Finish Systems			
			DIMS.	SF	Size		Finish Type
					QTY	TOTAL SF	
Santa Barbara County Fire Department Area							
1.0	Backup Dispatch Floor	Four (4) consoles. Three (3) for Santa Barbara County Dispatchers. One (1) for Santa Maria Police Department. Two (2) workstations Two (2) video displays - wall mounted <i>Separation from Santa Maria Police Training with movable wall partition. Wall partition must allow access to both exits.</i>	22' x 37'	814	1	814	B
2.0	Local Comm Room & Electrical Room	Room adjacent to Backup Dispatch that provides for communications and electrical panel and switch locations. Secure locked room Needed due to long run to existin servier room from BUD.	5' x 10'	50	1	50	A
3.0	Vestibule	Separate hallway space to allow access from backup dispatch area to second egress door.	12' x 6'	72	1	72	B
Santa Barbara County Area Total					936 SF		

			DIMS.	SF	Size		Finish Type
					QTY	TOTAL SF	
Santa Maria Police Department Area							
4.0	Training Room Area	<p>Space for Training for SMPD and DOC</p> <p><i>Seating for 40 at tables in classroom setting</i></p> <p><i>One console for Police Department use</i></p> <p><i>Video Displays</i></p> <p><i>Whiteboards</i></p> <p><i>Separation from Backup Dispatch with movable wall partition</i></p>	25' x 38'	950	1	950	B
5.0	Communication and Equipment Room	<p><i>Existing Server Room in Santa Maria Police Department - Utilized Area to be determined.</i></p> <p><i>Santa Barbara County will utilize a portion of the open area within the server room to install a single 4 post rack for Backup Dispatch servers</i></p> <p><i>Connection via the existing cable tray above the hallway will occur from the existing server room to the new Local Comm. & Electrical Room</i></p> <p><i>Access and security to be coordinated with SMPD</i></p>	0' x 0'	0	1	0	A
Firefighter Living Area Subtotal:						950 SF	

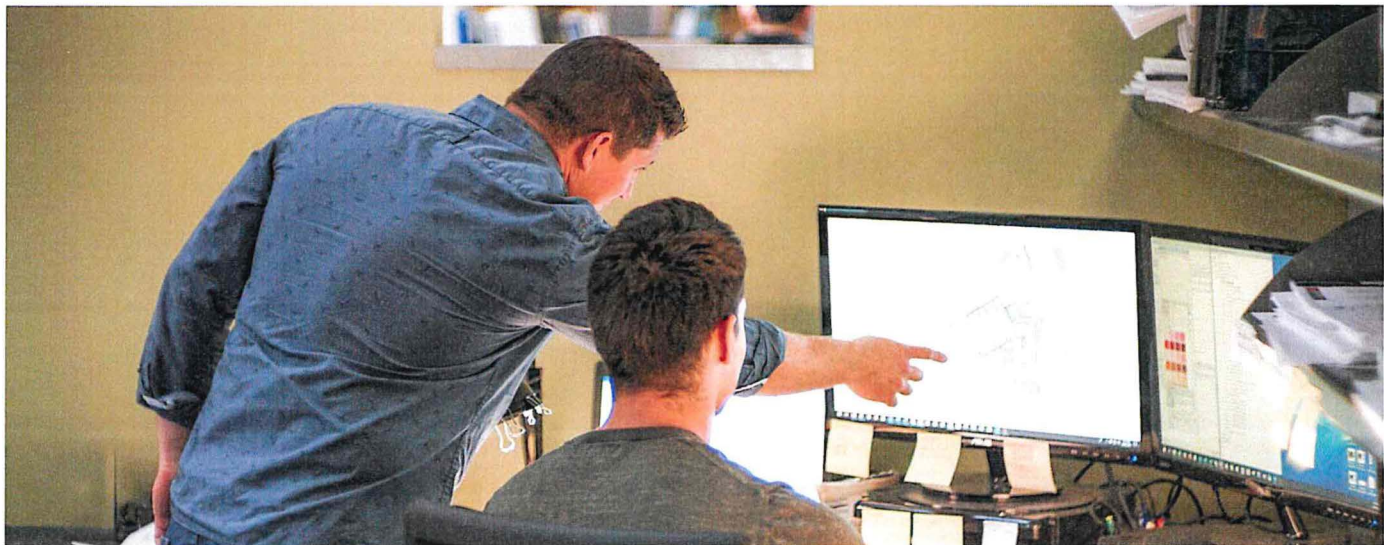
CONCEPTUAL SPACE NEEDS SUMMARY			
BUILDING TOTAL:			
Santa Barbara County Fire Department Area	Area Subtotal	936	SF
Santa Maria Police Department Area	Area Subtotal	950	SF
STATION BUILDING TOTALS		1,886	SF

FURNISHING & EQUIPMENT LISTS

Backup Dispatch				
1.0 Backup Dispatch Floor				
	Listing and Description	General Contract	County Provided/ Contractor Installed	County Provided/ Installed
	Motorized dispatch consoles (4) - Relocated by SBCO			
	Computer Workstation (2) - Relocated by SBCO			
	911 phone, monitor, keyboard, mouse (6) - Relocated by SBCO			
	Radio phone, monitor, keyboard, mouse - Relocated by SBCO			
	Wall mounted large format monitor (2 @ \$2400 EA)			\$4,800
	New printers - Relocated by SBCO			
	New phones (6 @ \$350 each)			\$2,100
	Chiars (6) - Relocated by SBCO			
	Clock (1)			\$300
	Subtotal:	\$0	\$0	\$7,200

Equipment				
2.0 Local Comm Room and Electrical Room				
	Listing and Description	General Contract	County Provided/ Contractor Installed	County Provided/ Installed
	Comminications Switch			\$1,500
	New radio CPUs - <i>Relocated - County to Confirm</i>			
	New 911 CPUs - <i>By State Funding Typical</i>			
	New CAD RMS CPUs - <i>Relocated - County to Confirm</i>			
	New network and security CPU (Part of Security Package)			\$0
	Subtotal:	\$0	\$0	\$1,500

3.0 Vestibule				
	Listing and Description	General Contract	City Provided/ Contractor Installed	City Provided/ Installed
	None			
	Subtotal:	\$0	\$0	\$0



Santa Maria Police Department				
4.0 Training Room Area				
	Listing and Description	General Contract	County Provided/ Contractor Installed	County Provided/ Installed
	Motorized dispatch console (1) - Relocated or Purchased by SMPD			
	New 911 phone, monitor, keyboard - Purchased By SMPD			
	New large format wall mounted monitors - Purchased By SMPD			
	Chairs (41) - Purchased by SMPD			
	Computer Workstation (1) - Purchased by SMPD			
	Wall mounted screen / AV System (4) - Purchased by SMPD			
	Conference Phone (1) - Purchased by SMPD			
	Subtotal:	\$0	\$0	\$0
5.0 Exiting Server Room				
	Listing and Description	General Contract	County Provided/ Contractor Installed	County Provided/ Installed
	Server Racks - Server (1 @ \$1300 each) - 4 Post			\$1,300
	Virtual Host (2 @ \$3500 each)			\$7,000
	Rack Switch (2 @ \$1500 each)			\$3,000
	Cable Management			\$5,000
	Power Management			\$4,000
	Radio			\$8,000
	Subtotal:	\$0	\$0	\$28,300

Equipment Cost Summary		General Contract	County Provided/ Contractor Installed	County Provided/ Installed
Backup Dispatch				
1.0	Backup Dispatch Floor	\$0	\$0	\$7,200
Equipment				
2.0	Local Comm Room and Electrical Room	\$0	\$0	\$1,500
3.0	Vestibule	\$0	\$0	\$0
4.0	Training Room Area	\$0	\$0	\$0
Santa Maria Police Department				
5.0	Exiting Server Room	\$0	\$0	\$28,300

Grand Subtotal	\$0	\$0	\$37,000
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Grand Total	\$37,000
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EXISTING CONDITIONS





BUILDING LAYOUTS

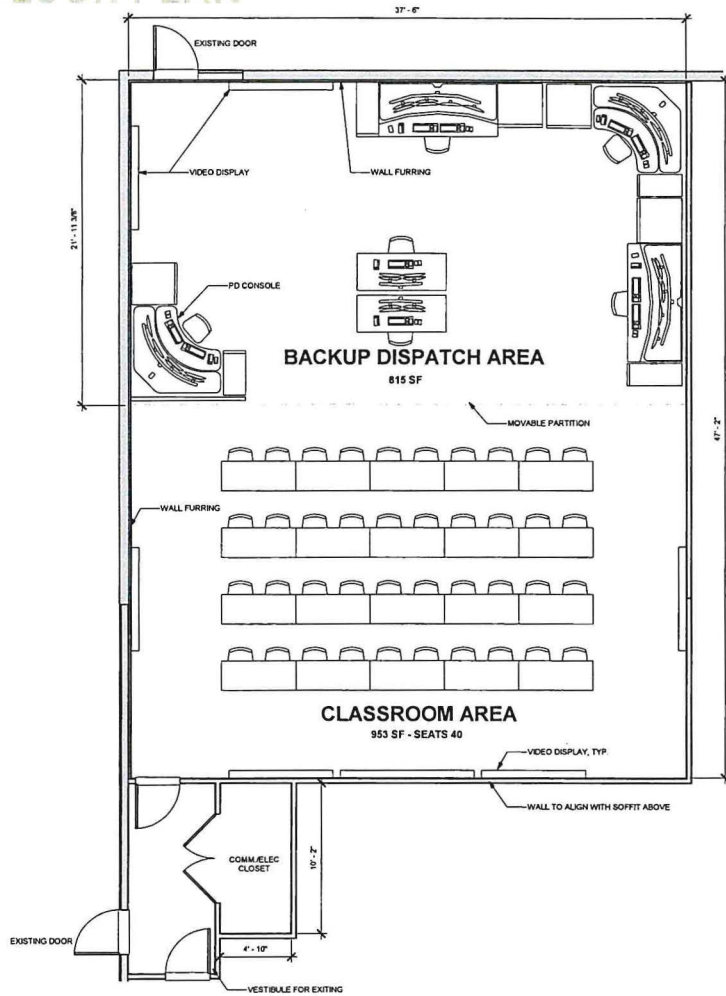
ARCHITECTURAL LAYOUT

ELECTRICAL LAYOUT

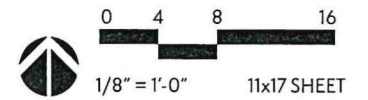
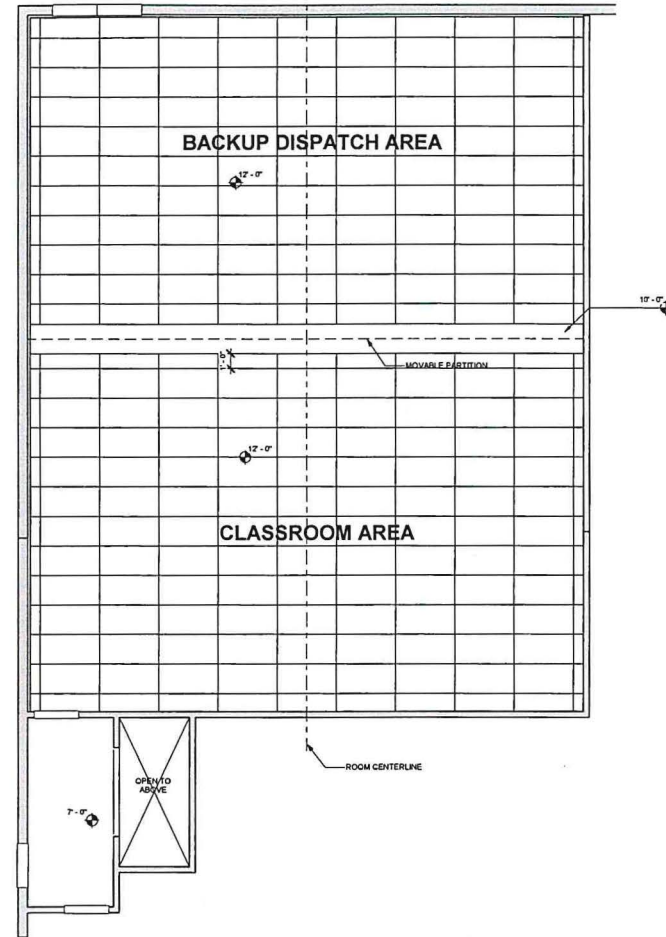
MECHANICAL LAYOUT

ARCHITECTURAL LAYOUT

FLOOR PLAN



REFLECTED CEILING PLAN



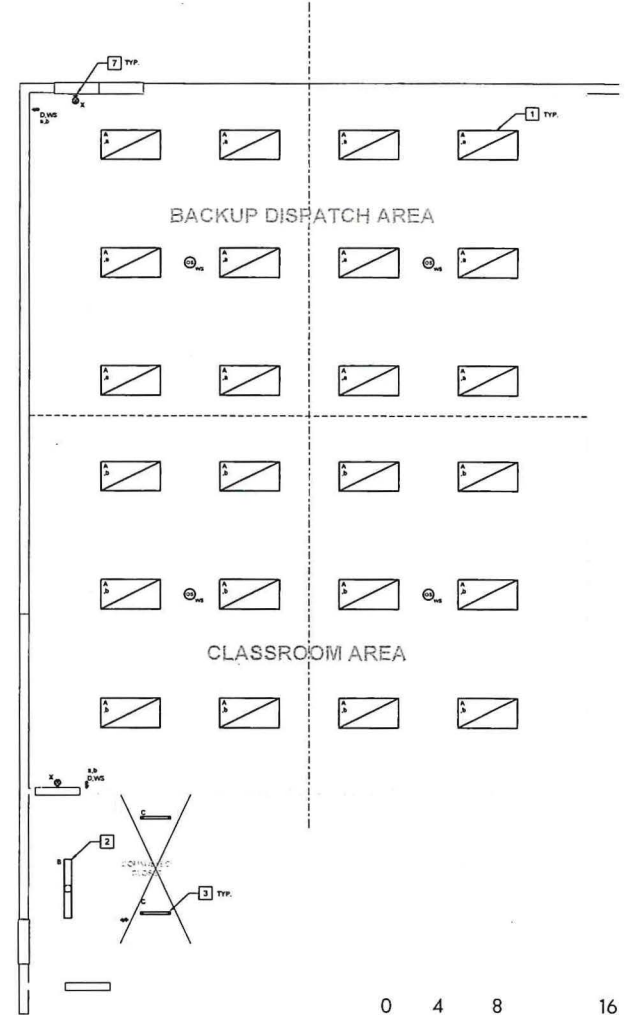
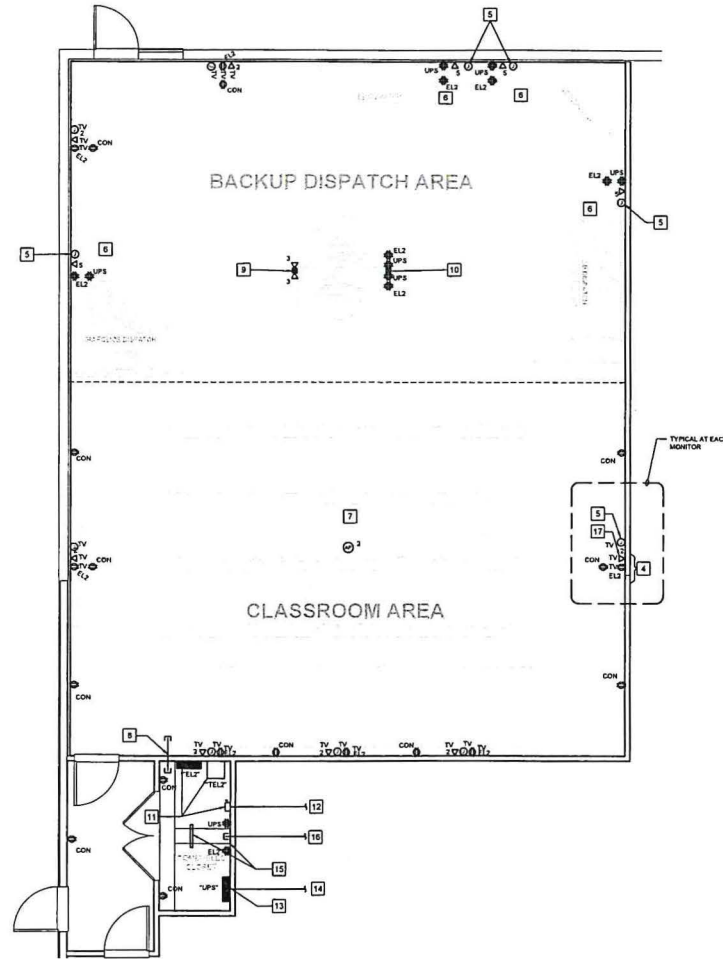
ELECTRICAL LAYOUT

REFERENCE NOTES

1. FIXTURE TYPE "A": 2' X 4' LED FLAT PANEL WITH NIGHT AIR ENABLE (LITHONIA REPAL 24 4800LM BOCR1 40K MN1 NLTAIR2). TYPICAL OF 24.
2. FIXTURE TYPE "B": 4FT SURFACE LED WITH INTEGRAL OCCUPANCY SENSOR. SENSOR TO DIM DOWN AT 50% WHEN SPACE IS UNOCCUPIED AND 100% WHEN OCCUPIED (LITHONIA SLMW4 20L ADP MVOLT G210 LP840 DIM50).
3. FIXTURE TYPE "C": 2FT LED STRIP LIGHT, LITHONIA CLX L24 5000LM SER SBLW WOL VLD MVOLT G210 40 BOCR) SURFACE MOUNT AT UNISTRUT AT #FT AFF. (TYPICAL OF 2).
4. TV" DENOTES MOUNT DEVICES BEHIND TV MONITOR. TYPICAL.
5. PROVIDE BOX AND 1" CONDUIT STUB TO ACCESSIBLE CEILING SPACE. (TYPICAL)
6. AT EACH DISPATCH: PROVIDE DEDICATED CIRCUIT FROM PANEL "UPS" AND "TEL". PROVIDE SB BOX AND 1/4" CONDUIT TO ACCESSIBLE CEILING SPACE. OWNER TO PROVIDE (S)CATS CABLE TO COMM RACK.
7. FIXTURE TYPE "X": EXT SIGN WITH 90 MINUTE BATTERY BACK UP. (LITHONIA ALHGM LED SERIES OR EQUAL) (TYPICAL OF 2)
8. 1-4" (EMT) CONDUIT SLEEVE.
9. COMMUNICATION TELE POWER POLE WITH DATA OUTLET SHOWN.
10. POWER TELE POWER POLE WITH OUTLETS SHOWN.
11. NEW DISCONNECT, TRANSFORMER, AND EMERGENCY PANEL. REFER TO SINGLE LINE DIAGRAM.
12. NEW 480V FEEDER TO EXISTING PANEL "EH1" IN ELECTRICAL ROOM 115. REFER TO OVERALL PLAN AND SINGLE LINE DIAGRAM.
13. NEW UPS PANEL REFER TO SINGLE LINE DIAGRAM.
14. NEW 120/208V 3 PHASE FEEDER TO "UPS-B" LOCATED IN COMPUTER/RADIO ROOM 086. REFER TO OVERALL PLAN AND SINGLE LINE DIAGRAM.
15. 1" FLOOR MOUNTED COMMUNICATION RACK BY OWNER TO INSTALL AND FURNISHED.
16. PROVIDE 2" INNERDUCT FOR FIBER AND RADIO CABLE. STUB CONDUITS TO EXISTING CABLE TRAY. REFER TO OVERALL PLAN FOR CONTINUATION.
17. PROVIDE 45 BOX WITH 1" (EMT) STUB TO ACCESSIBLE CEILING SPACE.

LEGEND

- § STANDALONE WALL BOX DECORA SWITCH, 1 GANG
- ⊙_{OS} CEILING OCCUPANCY SENSOR BATTERY POWERED (NIGHT AIR #RCMSB 7 AR)
- ▭ 2'X4' LED PANEL T-BAR CEILING
- ▭ PENDANT MOUNT LED LIGHT
- ▭ SURFACE MOUNT LED LIGHT
- ⊙ DUPLX OUTLET (TAMPERPROOF) DECORA STYLE
- ⊙ DOUBLE DUPLX OUTLET (TAMPERPROOF) DECORA STYLE
- ⊙ DATA OUTLET. NUMBERS DENOTES TOTAL CATS CABLE DROP
- ⊙ WIRELESS ACCESS POINT. NUMBERS DENOTES TOTAL CATS CABLE DROP.
- ⊙ JUNCTION BOX



0 4 8 16

1/8" = 1'-0" 11x17 SHEET

MECHANICAL LAYOUT

NARRATIVE

- Existing space is "Open Storage"; Demo and remove any existing mechanical serving the Area of Work.
- Proposed New Zone Plans overlayed on RCP
- Estimated 5-ton packaged roof top unit is to serve each space
- Air distribution is to be routed in the ceiling space if there is enough space, otherwise will be routed on the roof.
- 5 PSI MPG (1750 CFH) available on the roof where RTU's are proposed. Provide a new regulator and connect.
- Estimated 1.5 ductless split system with highwall mounted fan coil (IDU) and roof mounted condensing unit (ODU) to serve Comm Closet.

RTU-1 & RTU-2:
WEIGHT W/ CURB: 1225 LBS

POWER:
© 208-3-60; MCA: 30; MOCP: 45
OR
© 460-3-60; MCA: 13.8; MOCP: 20

HEATING:
FUEL: NAT GAS; INPUT BTUH: 80,000

DS-1:
INDOOR UNIT (IDU):
WEIGHT: 30 LBS
POWER: BY ODU

OUTDOOR UNIT (ODU):
WEIGHT: 100 LBS
POWER: 208-1-60; 11.0 MCA; 28 MOCP

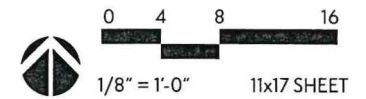
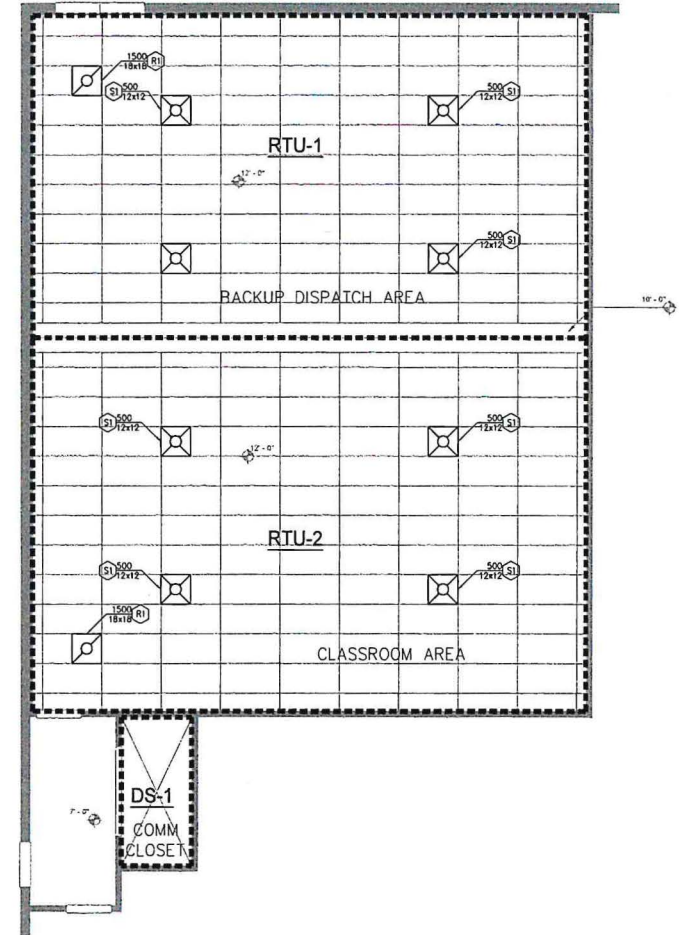
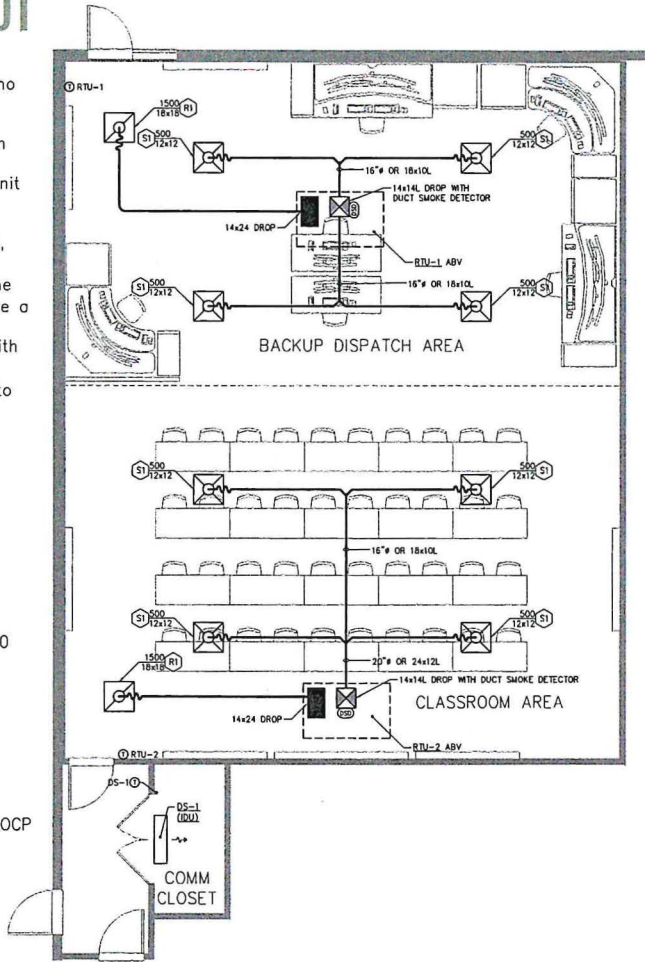


Figure 15. Cooling and gas/electric — 6, 7.5 (single) tons standard efficiency, 4 to 5 tons high efficiency

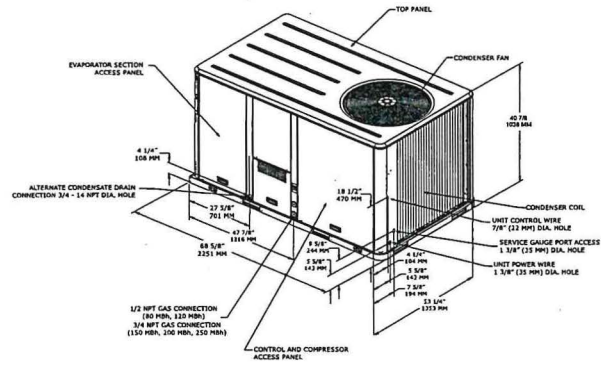


Figure 16. Cooling and gas/electric — 6 to 10 tons standard efficiency, 4 to 8.5 tons high efficiency — downflow airflow supply/return, through-the-base utilities

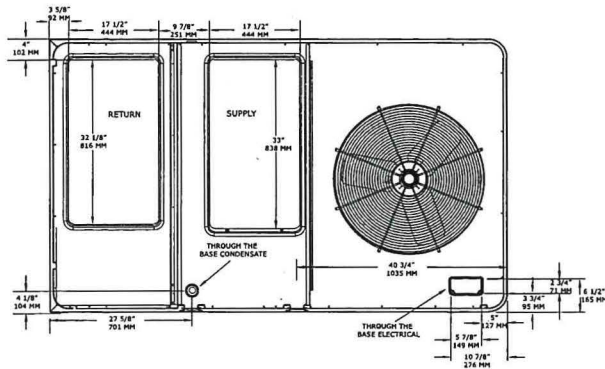


Figure 17. Cooling and gas/electric — 6, 7.5 (single) tons standard efficiency, 4 to 5 tons high efficiency — horizontal airflow, supply and return

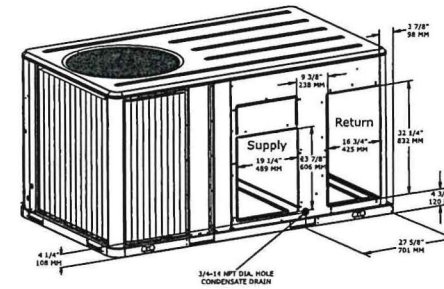


Figure 18. Cooling and gas/electric — 6 to 10 tons standard efficiency, 4 to 8.5 tons high efficiency — unit clearance and roof opening

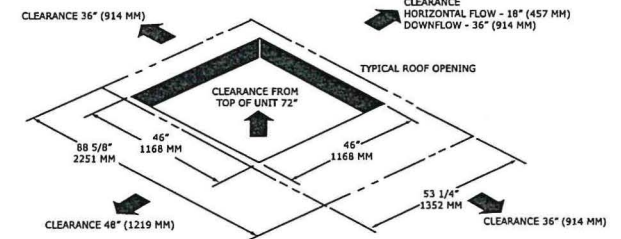
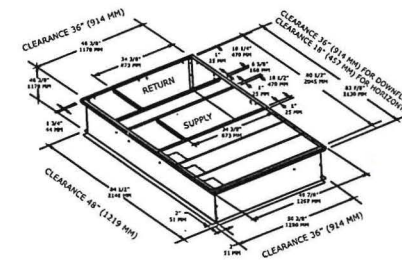


Figure 19. Cooling and gas/electric — 6 to 10 tons standard efficiency, 4 to 8.5 tons high efficiency — roof curb





182 GRANITE STREET, SUITE 101, CORONA, CA 92729
PHONE: (951)278-1830 FAX: (951)278-8444 www.canfab.com canfab@canfab.com

TRANE PRECEDENT 4 - 10 TONS
THC 047E-72E, 048F-102F, TSC 072E-120E, 072F-120F,
YHC 047E-72E, 048F-102F, YSC 048F-120F, 072E-120E,
WSC 060E-90E, TZC 048E-60E, 048F-60F, YZC 048E-60E,
048F-60F, VHC 048-060H, 074-102H, WSC 060-072H,
GWSC 060H, GERE 072-090

VIBRATION ISOLATION CURB

SELECT PRODUCT	CANFAB PART#	BASE CURB HEIGHT	APPROXIMATE SHIPPING WEIGHT
<input type="checkbox"/>	6042-IC08A	8"	345
<input type="checkbox"/>	6042-IC11A	11"	360
<input type="checkbox"/>	6042-IC14A	14"	375
<input type="checkbox"/>	6042-IC18A	18"	395
<input type="checkbox"/>	6042-IC24A	24"	425
<input type="checkbox"/>	6042-IC36A	36"	540

NOTE: FINISH HEIGHT IS 12.5" TALLER THAN THE BASE CURB HEIGHT.

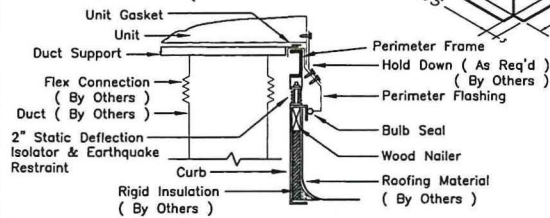
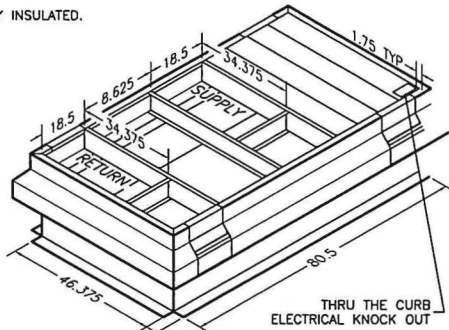
SELECT CONSTRUCTION

- A=WELDED CONSTRUCTION (SHOWN ABOVE).
- E=WELDED CONSTRUCTION EXTERNALLY INSULATED.
- C=CUSTOM CONSTRUCTION.

SELECT IF PITCHED (INCLUDE PITCH ORIENTATION FORM)

- PITCHED

- FEATURES
- 1 - SHIPPED FULLY WELDED AND ASSEMBLED.
 - 2 - CERTIFIED WELDING CONSTRUCTION TO ANSI/AWS D1.3 STRUCTURAL WELDING CODE - SHEET STEEL.
 - 3 - FULL PERIMETER BASE CURB, WOOD NAILER, RAIL, FLASHING AND WATER AND AIR BARRIER.
 - 4 - SPRING ISOLATION WITH 2" STATIC DEFLECTION AND EARTHQUAKE RESTRAINTS (OSHDP APPROVED).
 - 5 - WEATHER TIGHT ACCESS DOORS AT EACH ISOLATOR LOCATION FOR ADJUSTMENT.

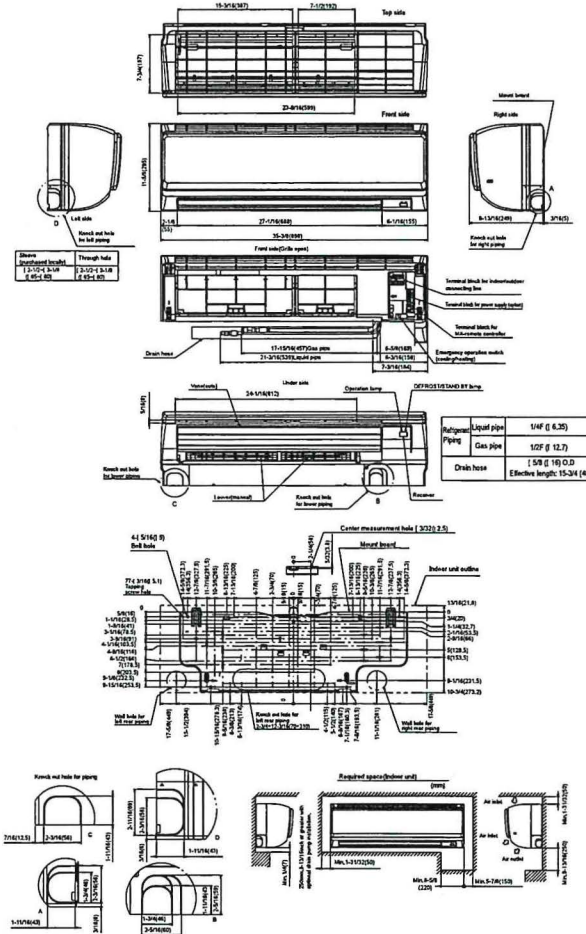


DOC: 01-01

PROJECT: _____ DATE: _____
 ENGINEER: _____ DISTRIBUTOR: _____
 DRAWING NUMBER: _____

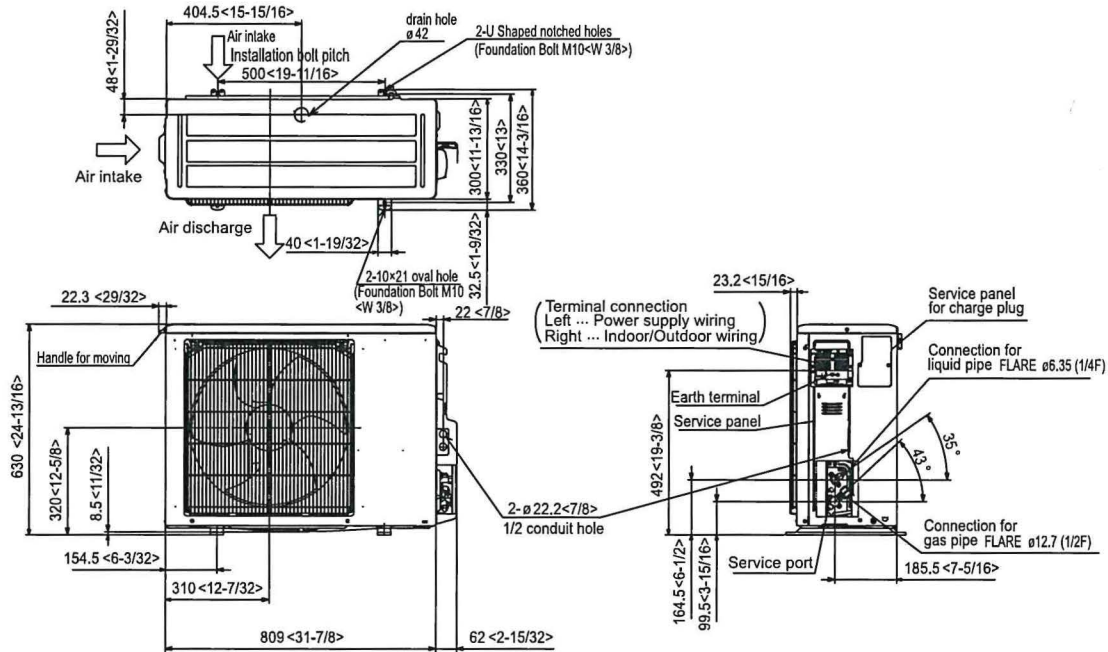
INDOOR UNIT DIMENSIONS: TPKA0A0181HA70A

Unit: Inch (mm)

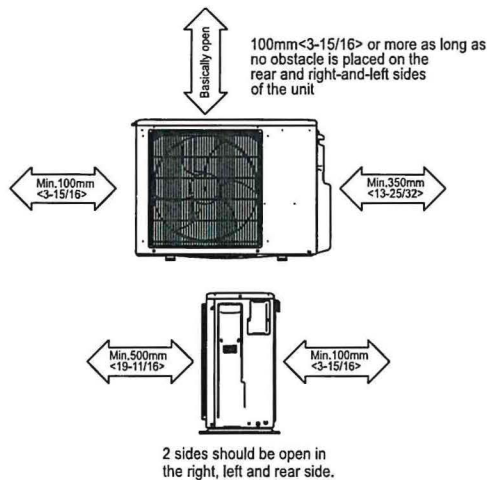


OUTDOOR UNIT DIMENSIONS: TRUYA0181KA70(N/B)A

Unit: mm<in>



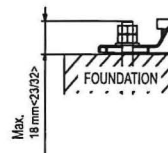
Free space around the outdoor unit (basic example)



FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10-<W3/8>) bolts. (Bolts, washers and nut must be purchased locally).

<Foundation bolt height>



PIPING-WIRING DIRECTION

Piping and wiring connection can be made from the rear direction only.

PROJECT BUDGET

A. Building

<i>Renovation - SBFD Backup Dispatch</i>	QUANT	UNIT	UNIT COST	OEM	NOTES
Dispatch Area					
Flooring- Carpet	815	SF	\$14	\$11,410	
Wall Furring - Exterior Walls	960	SF	\$5	\$4,800	
Wall Framing - Studs	608	SF	\$8	\$4,864	
Wall Framing - Blocking Allowance	1	EA	\$1,000	\$1,000	
Wall Framing - Connector Allowance	1	EA	\$1,500	\$1,500	
Wall Sheathing - Gyp Board	1,312	SF	\$7	\$9,184	
Wall Insulation - R19	1,312	SF	\$4	\$5,248	
Walls - Base	82	LF	\$8	\$656	
Walls - Paint	1,312	SF	\$3	\$3,936	
Doors Install New Hollow Metal Frame and Door	1	SF	\$3,000	\$3,000	
Doors - Paint	1	SF	\$300	\$300	
Doors - Security	1	EA	\$1,800	\$1,800	
Ceiling - Tbar	815	SF	\$10	\$8,150	
Ceiling - Gyp Board Soffit	110	SF	\$16	\$1,760	
Ceiling - Gyp Board Soffit Paint	110	SF	\$4	\$440	
Ceiling Insulation	815	SF	\$5	\$4,075	
Electrical - Lighting	815	SF	\$16	\$13,040	
Electrical - Power	815	SF	\$20	\$16,300	
Electrical - Comm	815	SF	\$10	\$8,150	
Electrical - Video Display Connection	2	EA	\$1,500	\$3,000	
Electrical - Mech Connection	3	EA	\$250	\$750	
Electrical - Fire Alarm	815	SF	\$5	\$4,075	
Mechanical - New Units and Distribution	815	SF	\$40	\$32,600	
Fire Sprinklers	72	SF	\$16	\$1,152	
Video Surveillance - CCTV Camera and Cabling	4	EA	\$2,000	\$8,000	
Movable Wall Partition	1	Ea	\$75,000	\$75,000	
Vestibule					
Flooring LVT	72	SF	\$12	\$864	
Wall Framing	320	SF	\$8	\$2,560	
Wall Sheathing - Gyp BD	400	SF	\$7	\$2,800	
Doors Install New	3	SF	\$3,000	\$9,000	
Doors - Paint	2	SF	\$300	\$600	
Doors - Security	2	EA	\$1,800	\$3,600	
Ceiling Gyp Bd	72	SF	\$16	\$1,152	
Ceiling Gyp Bd - Paint	72	SF	\$4	\$288	
Electrical - Lighting	72	SF	\$16	\$1,152	
Electrical - Fire Alarm	72	SF	\$5	\$360	
Fire Sprinklers	72	SF	\$16	\$1,152	

Comm / Electrical Room - Remote				
Flooring -LVT	50	SF	\$12	\$600
Wall Framing	240	SF	\$8	\$1,920
Wall Sheating- Plywood	260	SF	\$14	\$3,640
Doors Install New	2	SF	\$3,000	\$6,000
Doors - Paint	2	SF	\$300	\$600
Doors - Security	1	EA	\$1,800	\$1,800
Ceiling - Exposed or Tbar	50	SF	\$10	\$500
Electrical - Lighing	50	SF	\$16	\$800
Electrical - Cable Tray	12	SF	\$65	\$780
Communication Connection to Existing Server				
Fiber and Radio conduit from Distpatch to Server Room	390	LF	\$40	\$15,600
Power Feeder Line from Dispatch to Server Room	390	LF	\$50	\$19,500
Power UPS Line from Distpatch to Server Room	390	LF	\$65	\$25,350
Comm Patch Panels	2	EA	\$600	\$1,200
Electrical Distribution Panel	1	EA	\$4,000	\$4,000
				\$330,008

Renovation - SMPD Training Area	QUANT	UNIT	BASE COST	TOTAL	NOTES
Flooring- Carpet	953	SF	\$14	\$13,342	
Wall Furring - Exterior Walls	400	SF	\$5	\$2,000	
Wall Framing - Blocking Allowance	1	EA	\$1,000	\$1,000	
Wall Framing - Connector Allowance	1	EA	\$1,500	\$1,500	
Wall Sheathing - Gyp Board	1,408	SF	\$7	\$9,856	
Wall Insulation - R19	1,408	SF	\$4	\$5,632	
Walls - Base	88	LF	\$8	\$704	
Walls - Paint	1,408	SF	\$3	\$4,224	
Ceiling - Tbar	953	SF	\$10	\$9,530	
Ceiling Insulation	953	SF	\$5	\$4,765	
Electrical - Lighing	953	SF	\$16	\$15,248	
Electrical - Power	953	SF	\$18	\$17,154	
Electrical - Comm	953	SF	\$10	\$9,530	
Electrical - Video Display Connection	4	EA	\$800	\$3,200	
Electrical - Mech Connection	3	EA	\$250	\$750	
Electrical - Fire Alarm	953	SF	\$5	\$4,765	
Mechanical - New Units and Distribution	953	SF	\$35	\$33,355	
Fire Sprinklers	953	SF	\$15	\$14,295	
Video Surveillance - CCTV Camera and Cabling	2	EA	\$1,600	\$3,200	
				\$154,050	

Building Design Contingency (0% of budget)

\$0

Not Needed - Sm Project

\$484,058



B. Equipment and Furnishings

	QUANT	UNIT	COST	TOTAL	NOTES
Building Furnishing and Equipment	1	LS	\$0	\$37,000	Equip Budget
FF&E Design Contingency (10% of budget)	10%	%	\$37,000	\$3,700	%
Equipment and Furnishings Subtotal:				\$40,700	

C. On-Site Improvements

	QUANT	UNIT	COST	TOTAL	NOTES
Site Grading/Prep - General	0	SF	\$5	\$0	Existing
Site Grading - Building Pad	0	SF	\$0	Included in Bldg.	Existing
Site Paving and Base - Driveways and Parking	0	SF	\$8	\$0	Existing
Site Flatwork - Pedestrian	0	SF	\$6	\$0	Existing
Site Improvements - Landscaping	0	LS	\$5,000	\$0	Existing
Site Improvements - Fence and Gates	0	LF	\$85	\$0	Existing
Site Improvements-Retention Area/Modifications	0	LS	\$0	\$0	Existing
Photovoltaic System	0	KW	\$3,500	\$0	Existing
Emergency Generator	0	LS	\$15,000	\$0	Use Existing
On-Site Design Contingency (10% of budget)	10%	%	\$0	\$0	%
On-Site Improvements Subtotal:				\$0	

D. Off-Site Improvements - Site Specific

	QUANT	UNIT	COST	TOTAL	NOTES
Storm Drain	0	LF	\$65	\$0	Existing
Fire Water	0	LF	\$85	\$0	Existing
Water	0	LF	\$75	\$0	Existing
Sewer/Septic System	0	LF	\$75	\$0	Existing
Off-Site Contingency (10% of budget)	10%	%	\$0	\$0	
Off-site Improvements Subtotal:				\$0	

E. Fees

	QUANT	UNIT	COST	TOTAL	NOTES
Arch/Engineering	1	LS	\$80,000	\$80,000	Budget
LEED™ Design, Certification	0	LS	\$20,000	\$0	Not Selected
LEED™ Commissioning	0	LS	\$7,500	\$0	Not Selected
T-24 Commissioning Agent (Net Zero)	0	LS	\$15,000	\$0	Not Selected
Utility Hook-up Fees	0	LS	\$0	\$0	Existing
Impact Fees:					
Storm Draining Dev. Fee	0.0	Acre	\$1,528	\$0	Existing
Sewer Dev. Fee	0	LS	\$0	\$0	Existing
Water Dev. Fee	0.0	LS	\$0	\$0	Existing
Traffic Impact Fee	0	SF	\$0	\$0	Existing
Public Facility Impact Fee	0	SF	\$0	\$0	Existing
Geotechnical Investigation	0	LS	\$15,000	\$0	Existing
Materials Testing and Special Inspection	1	LS	\$10,000	\$8,000	Budget
Fee Contingency (5%)	5%	%	\$88,000	\$4,400	
Fees Subtotal:				\$92,400	

F. Owner Systems, Administration and Contingency

	QUANT	UNIT	COST	TOTAL	NOTES
County Administration Cost	5%	%	\$30,858	\$30,858	County Budget (5% fee)
Fire Administration Cost	0	LS	\$50,000	\$0	County
Planning Dept.- CUP, Design Review	1	LS	\$8,000	\$8,000	County to Confirm
CEQA	0	LS	\$25,000	\$0	None Anticipated
Building Dept.-Permit Fees	1	LS	\$10,000	\$10,000	County to Confirm
School Impact Fees-(Commercial)	0	sf	\$0.50	\$0	None Anticipated
Traffic Report	0	LS	\$20,000	\$0	Not Anticipated
Moving Costs	0	LS	\$2,000	\$0	Not Anticipated
Communications					
PA System	1	LS	\$20,000	\$20,000	County to Verify
Dispatch AV System	1	LS	\$30,000	\$30,000	County to Verify
Phone System	1	LS	\$25,000	\$25,000	County to Verify
Radio System	1	LS	\$70,000	\$60,000	County to Verify
Data Systems	1	LS	\$30,000	\$30,000	County to Verify
Security System/ Cameras	0	LS	\$0	\$0	Included Above
Security System/ Card Reader Access	0	LS	\$0	\$0	Included Above
TV System - Dispatch	0	LS	\$0	\$0	Included Above
Owner System Contingency (10% of budget)	10%	%	\$213,858	\$21,386	Budget
Construction Contingency (15% of A, C, D)	20%	%	\$484,058	\$96,812	%
Systems, Administration and Contingency Subtotal:				\$332,055	

Contract Division Totals:

A. Building:	\$484,058
B. Equipment and Furnishings	\$40,700
C. On-Site Improvements	\$0
D. Off-site Improvements	\$0
E. Fees	\$92,400
F. Owner Systems, Administration and Contingency	\$332,055
Contract Division Subtotal:	\$949,213
G. Market Escalation	\$47,196
Conceptual Construction Budget:	\$996,409

(6.5% per year) for 18 mo. to mid-point of Construction