



UTPB CAMPUS MAP

Agnew Associates, Inc. MPE Engineers Lubbock, Texas

Design Team

JSA Architects, Inc. Architect Odessa, Texas

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ACCESSIBILITY NOTES

- A. LAYOUTS / DIMENSIONS ARE BASED UPON MARCH 15, 2012 TEXAS ACCESSIBILITY STANDARDS (T.A.S.).
 B. REFER TO LATEST EDITION OF TEXAS ACCESSIBILITY STANDARDS (T.A.S.) FOR
- ADDITIONAL INFORMATION. C. ALL ROOMS IN THIS PROJECT ARE DESIGNATED FOR ADULTS.





odessa, texas kerville, texas lubbock, texas 432-362-6565

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RENOVATION GENERAL NOTES

- A. THE FOLLOWING NOTES APPLY TO ALL PLAN SHEETS.
- B. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT FOR CORRECTION BEFORE PROCEEDING WITH CONSTRUCTION.
- C. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD OR EXISTING FACE OF WALL.
- D. BLOCKING SHALL BE REQUIRED IN ALL STUD WALLS TO RECEIVE HANDRAILS, GRAB BARS, SHELVING, DOOR STOPS, AND ALL OTHER SIMILAR ITEMS
- REQUIRING A SECURE ANCHOR.
- E. ALL NEW PARTITIONS TO BE TYPE "A1" UNLESS NOTED OTHERWISE.
 F. THE GENERAL CONTRACTOR WILL BE REQUIRED TO COORDINATE ALL TRADES AS NECESSARY TO INSTALL ALL HANGING DEVICES FOR INSTALLATION OF ALL PIPING, MECHANICAL AND ELECTRICAL SYSTEMS.
- G. REFER TO MPE SHEETS FOR ADDITIONAL REQUIREMENTS.
- H. RELOCATE ACOUSTICAL WALL PANELS NEW LOCATIONS TO BE DETERMINED IN
- THE FIELD BY OWNER.

RENOVATION PLAN LEGEND NEW METAL STUD WALL CONSTRUCTION EXISTING VIRGINIA METAL WALL SYSTEM TO BE RE-INSTALLED $\langle \mathbf{x} \mathbf{x} \rangle$ WINDOW TYPE - REFER TO A3 SHEETS **—** X **KEYED NOTE - REFER TO THIS SHEET** DOOR TAG DOOR NUMBER XXX 1hr HW HARDWARE SET - FIRE RATING —(1i) PARTITION TYPE - REFER TO SHEET A.3.0 RENOVATION KEYED NOTES RELOCATED VIRGINIA METAL WALL SYSTEM DOOR AND DOOR FRAME. INFILL WALL WITH SALVAGED VIRGINIA METAL WALL SYSTEM. RELOCATED STOREFRONT SYSTEM AND DOOR. NEW SHELVING, REFER TO INTERIOR ELEVATIONS - G.C. PROVIDED & INSTALLED. WALL MOUNTED VIDEO MONITOR, MOUNTING HEIGHT NOT TO EXCEED 86" A.F.F. -OWNER PROVIDED, INSTALLED BY GC. RELOCATED HOLLOW METAL FRAME AND DOOR. EXISTING MILLWORK. 8 INFILL WITH NEW METAL STUD WALL CONSTRUCTION.

 9 RELOCATED ACOUSTICAL WALL PANEL - REFER TO INTERIOR ELEVATIONS.
 10 PROVIDE ACCESSIBILITY REQUIRED INSULATION KITS ON ALL EXPOSED PIPES UNDER LAVATORIES.



FOURTH FLOOR KEYPLAN

















4235

4237

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OUTLINE SPECIFICATIONS: 01 GENERAL REQUIREMENTS A. Overhead: General Contractor shall provide lump sum pricing for the following: a. Commercial General Liability Coverage, Builder's Risk Insurance and State mandated Coverage for Workman's Compensation, etc. b. Overhead and General Conditions. c. No Performance or Payment Bonds will be required. Submittals: Provide product data for all installed materials. Provide shop drawings for all fabricated items and delegated design items. Allowances: Owner's betterment allowance to include the stipulated sum of C. \$50,000 for use upon owner's instructions. 02 DEMOLITION A. General procedures and project conditions: Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public a. Comply with applicable requirements of NFPA 241. b. Use of explosives is not permitted. c. Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within range of potential collapse of unstable structures. d. Provide, erect, and maintain temporary barriers and security devices. e. Use physical barriers to prevent access to areas that could be hazardous to workers or the public. f. Conduct operations to minimize effects on and interference with adjacent structures and occupants. g. Do not close or obstruct roadways or sidewalks without permit. h. Conduct operations to minimize obstruction of public and private entrances and exits; do not obstruct required exits at any time; protect persons using entrances and exits from removal operations. i. Obtain written permission from owners of adjacent properties when demolition equipment will traverse, infringe upon or limit access to their property. B. Do not begin demolition until notification to proceed from Architect. C. Protect existing structures and other elements that are not to be removed. a. Provide bracing and shoring. b. Prevent movement or settlement of adjacent structures. c. Stop work immediately if adjacent structures appear to be in danger. D. Minimize production of dust due to demolition operations; do not use water if that will result in ice, flooding, sedimentation of public waterways or storm sewers, or other pollution. E. If hazardous materials are discovered during removal operations, stop work and notify Architect and Owner; hazardous materials include regulated asbestos containing materials, lead, PCB's, and mercury. F. Existing utilities a. Coordinate work with utility companies; notify before starting work and comply with their requirements; obtain required permits. b. Protect existing utilities to remain from damage. c. Do not disrupt public utilities without permit from authority having jurisdiction. d. Do not close, shut off, or disrupt existing life safety systems that are in use without at least 7 days prior written notification to Owner. e. Do not close, shut off, or disrupt existing utility branches or take-offs that are in use without at least 3 days prior written notification to Owner. f. Remove exposed piping, valves, meters, equipment, supports, and foundations of disconnected and abandoned utilities. G. Selective demolition for alterations a. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted. b. Drawings showing existing construction and utilities are based on casual field observation and existing record documents only. i. Verify that construction and utility arrangements are as indicated. ii. Report discrepancies to Architect before disturbing existing installation. iii. Beginning of demolition work constitutes acceptance of existing conditions that would be apparent upon examination prior to starting demolition. c. Separate areas in which demolition is being conducted from other areas that are still occupied. i. Provide, erect, and maintain temporary dustproof partitions of construction in locations indicated on drawings. d. Maintain weatherproof exterior building enclosure except for interruptions required for replacement or modifications; take care to prevent water and humidity damage. e. Remove existing work as indicated and as required to accomplish new work. i. Remove items indicated on drawings. f. Services (Including but not limited to HVAC, Plumbing, Fire Protection, Electrical, and Telecommunications): Remove existing systems and equipment as indicated. i. Maintain existing active systems that are to remain in operation; maintain access to equipment and operational components. ii. Where existing active systems serve occupied facilities but are to be replaced with new services, maintain existing systems in service until new systems are complete and ready for service. iii. Verify that abandoned services serve only abandoned facilities before removal. iv. Remove abandoned pipe, ducts, conduits, and equipment, including those above accessible ceilings; remove back to source of supply where possible, otherwise cap stub and tag with identification. g. Protect existing work to remain. i. Prevent movement of structure; provide shoring and bracing if necessary. ii. Perform cutting to accomplish removals neatly and as specified for cutting new work. iii. Repair adjacent construction and finishes damaged during removal work. iv. Patch as specified for patching new work. h. Debris and waste removal i. Remove debris, junk, and trash from site. ii. Leave site in clean condition, ready for subsequent work. iii. Clean up spillage and wind-blown debris from public and private lands. 06 WOOD AND PLASTIC A. Rough Carpentry: Dimensional lumber for concealed applications. a. Moisture content: S-dry or MC19 b. Lumber: S4S, No.2 or Standard Grade Boards: Standard or No. 3 B. Construction panels: Grade PS 1, C-D Plugged or better. C. Blocking, Nailers, And Supports: Provide framing and blocking members as indicated or as required to support finishes, fixtures, specialty items, and trim. a. In walls: provide blocking attached to studs as backing for support for wallmounted items, unless item can be securely fastened to two or more studs or other method of support is explicitly indicated. 07 THERMAL AND MOISTURE PROTECTION A. General: All materials and systems shall be installed according to written manufacturer's instructions. All materials used in systems shall be approved by manufacturer. Submit produce data sheets, installation instructions, and samples to Architect for approval.

M	ATERIA	L FINISH KEY				F	ROOM FINI	ISH SCF	IEDUL	Ξ			PLAN LEC	GEND
ODE	MATERIAL	DESCRIPTION	MANUFACTURER	REF/COLOR/FINISH	SIZE NOTES	ROOM		FLOOR	BASE		CEILING			
T-1	ACOUSTIC CEILING TILE	SUSPENDED ACOUSTIC CEILING - TYPE I	USG WWW.USG.COM	USG #2210, RADAR CLIMAPLUS. USG DONN DX/DXL 15/16" EXPOSED TEE	2' X 2'	∖no.	ROOM NAME	FINISH	FINISH	WALL FINISH	FINISH	COMMENTS		
τэ						A400	BUSINESS AFFAIRS	FL-2	B-1	PT-2/PT-5	PT-1	-		FL-1
1-2	RUBBER	RESILIENT WALL BASE	ELEXCO ELOORING WWW ELEXCOELOORS (OM ITS RUBBER TOP SET STYLE B COVE SATIN FINISH COLOR BLACK		A401	FILE	FL-2	B-1	PT-5	PT-1	2		
				BROWN 071		A402	OFFICE	FL-1	B-1	PT-2/PT-5	ACT-2	2		
	EXISTING BASE	PROTECT DURING CONSTRUCTION				A403		FL-1	D-1			<u>ე</u>		
1	CARPET	RENEGADE COLLECTION, MUTINEER INSURGENT	MOHAWK WWW.MOHAWKGROUP.COM	TOUGH GUY -862	24" X 24" -	Δ404 Δ405		FL-1	B-1	PT-2/PT-5	PT-1	2	4	
2	VINYL	LUXURY VINYL TILE	ARMSTRONG WWW.ARMSTRONG.COM	NATURAL CREATIONS, ARBOR ART, SAWMARK RUSTIC, NA211 WESTON.	9" X 48"	A403		FL-1	B-1	PT-2/PT-5	PT-1			
3	EXISTING FLOORING	PROTECT DURING CONSTRUCTION				A407	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1	2		
1	PLASTIC	SOLID PLASTIC TOILET COMPARTMENTS	SCRANTON PRODUCTS	COLOR: GREY, FINISH: ORANGE PEEL.	DOORS: 24"W X 55"H	Z A409	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1	2		
			WWW.SCRANTONPRODUCTS.COM		H C DOOR PANELS	A411	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1	2		FL-2
					55"H	A412	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1	2		
1	PAINT	CEILING APPLICATIONS	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC COLOR: TBD SHEEN: FLAT		ROOM		FLOOR	BASE		CEILING			
			WWW.SHERWIN-WILLIAMS.COM			VNO.	ROOM NAME	FINISH	FINISH	WALL FINISH	FINISH	COMMENTS	4	
2	PAINT	GENERAL WALL APPLICATIONS	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC COLOR: TBD SHEEN:EG-SHEL	1	4230	LOBBY	FL-2	B-1	PT-2/PT-5	PT-1	••••		
2						4230A	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1			
3			WWW.SHERWIN-WILLIAMS	PRO INDUSTRIAL ACRYLIC COATING COLOR: TBD SHEEN: SEMI-GLOSS	2	/4230B	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1			DIRECTIO
4	PAINT	ACCENT WALL APPLICATIONS	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC COLOR: TBD SHEEN:EG-SHEL	1 -	4235	BREAK ROOM	FL-2	B-1	PT-2/PT-5	PT-1			Dirteorioi
			WWW.SHERWIN-WILLIAMS.COM			4236	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1			
·5	PAINT	GENERAL METAL PANEL APPLICATIONS	SHERWIN WILLIAMS	PRO INDUSTRIAL ACRYLIC COATING COLOR: TBD SHEEN: SEMI-GLOSS	2	4237	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1			
-			WWW.SHERWIN-WILLIAMS.COM			/ 4238	CONFERENCE	FL-2	B-2	PT-2	PT-1		THR-XX	TUDESUO
•6	PAINT	ACCENT METAL PANEL APPLICATIONS	SHERWIN WILLIAMS	PRO INDUSTRIAL ACRYLIC COATING COLOR: TBD SHEEN: SEMI-GLOSS	-	4239	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1			MATERIAL
7			WWW.SHERWIN-WILLIAMS.COM			4240	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1		4	
., D 1					1///" TO 1/8"	4240A	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1		4	
1					TRANSITION	/4240B	OFFICE	FL-1	B-1	PT-2/PT-5	PI-1			
	I					42400	OFFICE	FL-1	B-1	P1-2/P1-5	PI-1			
ΜΑΤ	TERIAL FINISH	NOTES				4241		FL-1	B-1	P1-2/P1-5	PI-1		4	
						4242		FL-1	D-1	PT-2/PT-5			4	
1	ALL PAINTED DRYWA	LL SURFACES TO RECEIVE A MINIMUM OF ONE COAT OF PROM	IAR 200 INTERIOR LATEX WALL PRIMER AND TWO COATS O	F PROMAR 200 INTERIOR LATEX PAINT	-	4243		FL-1	D-1 B-1	PT-2/PT-5	PT-1			
2	ALL PAINTED DRYWA	LL SURFACES TO RECEIVE A MINIMUM OF ONE COAT OF PRO II	NDUSTRIAL ACRYLIC WALL PRIMER AND TWO COATS OF P	RO INDUSTRIAL ACRYLIC PAINT		4244	OFFICE	FL-1	B-1	PT-2/PT-5	PT-1		4	
3	ALL EXISTING WALLS	TO BE PAINTED SHALL BE PREPPEDAS NECESSARY TO PROVI	DE "NEW" LOOK FINISH							112/110				
							NISH NUTES						4	
\checkmark			M	M		1 2	EXISTING CONCRETE CO ACCENT WALL THIS SPAC	OLUMNS TO REMAIN CE - REFER TO FINIS	AS IS - PROTEC 6H FLOOR PLAN	T DURING PAINTING				

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GENERAL REQUIREMENTS	Systems, DOW Corning or Pecora Corporation. a. General Interior Sealing: Non-sag polyurethane Type I	
Overhead: General Contractor shall provide lump sum pricing for the following:	 Interior Joints to be sealed include, but are not limited to: joints between door, window, and other frames and adjacent construction 	
 a. Commercial General Liability Coverage, Builder's Risk Insurance and State mandated Coverage for Workman's Compensation, etc. 		χ
b. Overhead and General Conditions.c. No Performance or Payment Bonds will be required.	A Interior Hollow Metal Door Frames: Provide products by Steeleraft	
Submittals: Provide product data for all installed materials. Provide shop drawings for all fabricated items and delegated design items.	 a. Hollow Metal Doors - 16 ga. Full profile/continuously welded type. 	λ
Allowances: Owner's betterment allowance to include the stipulated sum of \$50,000 for use upon owner's instructions.	 B. Interior Doors: Provide products by Strek-O. C. Flush Wood Doors - 1 ¾" thick with particle board core and hardwood rails and stiles 	\prec
DEMOLITION General procedures and project conditions: Comply with applicable codes and	 a. Door Facing: Veneer Facing for Transparent Finish: Red oak, plain sliced (flat cut), with book match leaves of veneer, running match of spliced 	
regulations for demolition operations and safety of adjacent structures and the public. a. Comply with applicable requirements of NFPA 241.	veneer leaves assembled on door or panel face. b. Finish: Polyurethane, Catalyzed. Semigloss	
 b. Use of explosives is not permitted. c. Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within 	c. Door Color: Match Marshfield "Nutmeg" 48-97D. Door Hardware: All Hardware to be TAS/ADA Accessible with lever type lock	
range of potential collapse of unstable structures. d. Provide, erect, and maintain temporary barriers and security devices.	sets – medium commercial grade. Finish 609 a. Hardware Set 1:	
 e. Use physical barriers to prevent access to areas that could be hazardous to workers or the public. f. Conduct operations to minimize effects on and interference with adjacent 	i. Reuse Existing Hingesii. Lockset: Best Mortise 45H-7-14R-626 Office Function	
structures and occupants. g. Do not close or obstruct roadways or sidewalks without permit.	iii. Wall bumper: Trimco 1270CV 630	
 Conduct operations to minimize obstruction of public and private entrances and exits; do not obstruct required exits at any time; protect persons using entrances and exits from removal operations. 	i. Hinges (3): Stanley CB 168 613	
 Obtain written permission from owners of adjacent properties when demolition equipment will traverse, infringe upon or limit access to their property. 	iii. Wall bumper: Trimco 1270CV 630	
Do not begin demolition until notification to proceed from Architect. Protect existing structures and other elements that are not to be removed.	 iv. Door Silencers c. Note: Key system to be Best Cormax 7-pin SFIC to match existing key 	
 a. Provide bracing and shoring. b. Prevent movement or settlement of adjacent structures. c. Stop work immediately if adjacent structures appear to be in danger. 	to be stamped with "Do Not Duplicate" E. Interior Glazing: 1/2" tempered safety class, clear	
Minimize production of dust due to demolition operations; do not use water if that will result in ice, flooding, sedimentation of public waterways or storm sewers, or	a. Safety Glazing: Where safety glazing is indicated.	
If hazardous materials are discovered during removal operations, stop work and notify Architect and Owner; hazardous materials include regulated asbestos	A Interior Metal Stud Framing: All products by Clark District or Marine Ware	
containing materials, lead, PCB's, and mercury. Existing utilities	 A. Interior Metal Stud Framing: All products by ClarkDietrich or Marino Ware. a. General: i. Dravide menufacturer's standard track, thiskness to match stude at 	
comply with their requirements; obtain required permits. b. Protect existing utilities to remain from damage.	top and bottom of all walls, typical. ii. At openings in walls or at door frames, provide double vertical studs	
 d. Do not close, shut off, or disrupt existing life safety systems that are in use 	at each side of the opening, full height of wall. Provide jack stud header above and below the opening.	
 without at least 7 days prior written notification to Owner. e. Do not close, shut off, or disrupt existing utility branches or take-offs that are in use without at least 3 days prior written notification to Owner. 	 b. Interior Metal Studs: Pro STOD 20 series. Depth as indicated on Drawings. Minimum metal thickness 0.022 inch. c. Fiberglass Acoustical Batt Insulation at all partitions 	
 f. Remove exposed piping, valves, meters, equipment, supports, and foundations of disconnected and abandoned utilities. 	 B. Extruded Aluminum Partition Closure: All products by Gordon, Inc. Model: Mullion Mate 4., parise 20. 	
 Selective demolition for alterations a. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will 	 a. Model: Multion Mate 4 – series 30. b. Acoustical batts for sound attenuation (as specified). Factory-supplied caulk must be installed in the field for acoustical performance purposes. 	
not be disrupted. b. Drawings showing existing construction and utilities are based on casual field observation and existing record documents only.	 c. End Caps: Mullion mate MMEC-487 d. Einish: color and finish to match existing storefront system 	
 Verify that construction and utility arrangements are as indicated. Report discrepancies to Architect before disturbing existing 	 C. Gypsum Wall Board: All products by USG or Georgia Pacific. a. 5/8" Type X gypsum wall board. 	
installation. iii. Beginning of demolition work constitutes acceptance of existing conditions that would be apparent upon examination prior to	 D. Painting: Provide products by <u>Sherwin Williams or Kelly Moore</u> equal to those listed below: 	
starting demolition. c. Separate areas in which demolition is being conducted from other areas that are still occupied	 a. Interior Gypsum board (textured-light orange peel): i. One coat Primer – As recommended by manufacturer of top coats. 	
 Provide, erect, and maintain temporary dustproof partitions of construction in locations indicated on drawings. 	a. Sherwin-Williams ProMar 200 Zero VOC Interior Latex.	
 Maintain weatherproof exterior building enclosure except for interruptions required for replacement or modifications; take care to prevent water and humidity damage. 	 b. Kelly-Moore 1000 Series KM Professional Zero VOC Interior Latex. 1. Color: Refer room finish schedule & finish notes. 	
 Remove existing work as indicated and as required to accomplish new work. Remove items indicated on drawings 	 Finish: Flat at ceilings and other overhead surfaces. Finish: Eggshell at walls. 	
 f. Services (Including but not limited to HVAC, Plumbing, Fire Protection, Electrical, and Telecommunications): Remove existing systems and 	E. Hollow Metal Frames and other Miscellaneous Metals: i. One Coat Primer – As recommended by manufacturer of top coats	
equipment as indicated. Maintain existing active systems that are to remain in operation; maintain access to equipment and operational components. 	ii. Two top coats – Sherwin-Williams Pro Industrial Acrylic Coating, Semi-Gloss.	$\langle \cdot \rangle$
 Where existing active systems serve occupied facilities but are to be replaced with new services, maintain existing systems in service 	1. Color: Refer room finish schedule & finish notes. <u>10</u> <u>SPECIALTIES</u>	
until new systems are complete and ready for service. iii. Verify that abandoned services serve only abandoned facilities before removal.	A. Interior Signage: All Signage Provided by Owner	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
iv. Remove abandoned pipe, ducts, conduits, and equipment, including those above accessible ceilings; remove back to source of supply where possible, otherwise cap stub and tag with	B. Plastic Toilet Partitions:a. HDPE Toilet Partitions by:	
identification. g. Protect existing work to remain.	i. Ampco Products Inc.: www.ampco.com/#sle ii. Accurate Partitions Corporation: www.accuratepartitions.com	
 i. Prevent movement of structure; provide shoring and bracing if necessary. ii. Perform cutting to accomplish removals neatly and as specified for 	iii. Scranton Products (Santana/Comtec/Capital): www. Scrantonproducts.com	
cutting new work. iii. Repair adjacent construction and finishes damaged during removal work.	 b. Compartments (HDPE tested n accordance with NFPS 286): i. Doors: 1 inch thick; 36 inch wide (accessible stalls, outswinging); 24 	
 iv. Patch as specified for patching new work. h. Debris and waste removal i. Remove debris, junk, and trach from site 	ii. Panels: 1 inch thick, 55 inch height; 15 inch AFF	
 ii. Leave site in clean condition, ready for subsequent work. iii. Clean up spillage and wind-blown debris from public and private 	iii. Pilasters: 1inch; as required (3 inch minimum); 82 inch heightiv. Color: As indicated on the Drawings.	
lands. WOOD AND PLASTIC	C. Toilet Accessories: a. Grab Bars: Bradley Corporation; Model 812.	
Rough Carpentry: Dimensional lumber for concealed applications.	 b. Toilet Tissue Holder: American Specialties; Model 0263-1A or equal. 	
 b. Lumber: S4S, No.2 or Standard Grade c. Boards: Standard or No. 3 	 Operation: Non-control delivery with theft resistant spindle. c. Paper Towel Dispenser: Owner Furnished d. Soap Dispensers: Owner Furnished 	FLOORING THR-1
Construction panels: Grade PS 1, C-D Plugged or better. Blocking, Nailers, And Supports: Provide framing and blocking members as indicated or as required to support finishes, fixtures, specialty items, and trim.	 D. Metal Storage Shelving: All products by Knape & Vogt. a. Shelf Standard Components: Heavy-Duty Decorative 82 Standard double 	
a. In walls: provide blocking attached to studs as backing for support for wall- mounted items, unless item can be securely fastened to two or more studs or other method of support is explicitly indicated.	slotted. Wall surface mounted at 16 inches on-center.	2 VAUNTAN IN NUMBER OF STREET
or other method of support is explicitly indicated.	 Finish: Titanium, powder-coat; provide screws with matching heads. 	
THERMAL AND MOISTURE PROTECTION	ii. Lengths: as indicated on Drawings.	
General: All materials and systems shall be installed according to written manufacturer's instructions. All materials used in systems shall be approved	i. Material and Finish: Steel 1. Finish: Titanium, powder-coat.) The second sec
by manufacturer. Submit produce data sheets, installation instructions, and samples to Architect for approval.	 c. Shelf boards: ¾" thick White melamine covered particle board. i. Size: As indicated on the drawings. 	SCALE: $3/32'' = 1' - 0''$
Joint Sealants: Provide products by BASF Construction Chemicals-Building	END	





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A.2.1



- CONT. SEALANT BOTH SIDES -MATCH RATING OF PARTITION

PRIORITY 1 (HIGHEST) 3 4 5 (LOWEST)

PARTITION TYPES	
TOP SLIP JOINT: CONT. MTL. CHANNEL RUNNER. DO NOT FASTEN TO STUDS. ANCHOR TO STRUCTURE & PROVIDE STUD BRACING AGAINST RACKING	CONT. 14 GA. CLOSURE PLATE WHERE PARTITION IS PARALLEL TO FLUTES CONT. FIRE RATED SEALANT BOTH SIDES - MATCH RATING OF PARTITION. ACOUSTICAL SEALANT AT NON RATED PARTITIONS NEW CEILING GRID COMPONENT
HEAD	
METAL STUD FRAMING AT 16" O.C. EXTEND TO STRUCTURE ABOVE (SEE BELOW FOR SIZES)	UNFACED SOUND ATTENUATION BLANKETS
<u>PLAN</u>	5/8" TYPE X GWB - FULL HEIGHT BOTH SIDES
PLACE BACK TO BACK BOXES IN SEPERATE STUD CAVITY TO REDUCE SOUND TRANSMISSION	SOLID FIRE TREATED WOOD BLOCKING AT CASEWORK LOCATIONS AS REQUIRED
CONT. MTL. CHANNEL RUNNER	BASE AS SCHEDULED CONT. FIRE RATED SEALANT BOTH SIDES - MATCH RATING OF PARTITION.
FIN. FLOOR · SILL	ACOUSTICAL SEALANT AT NON RATED PARTITIONS
TYPE DESCRIPTION	STUD SIZE RATING STC TEST NO. DIMENSION
(A1) FULL HT. GWB	3 5/8" NR 49 4 7/8"

TYPE A



TYPE B



DOOR

DOC	OR SC	HEDU	LE								
	SIZE (V	V x H)			DOOR			DE	TAILS		
MARK	TOTAL WIDTH	HEIGHT	FRAME	DOOR MATERIAL	THICKNESS	ELEV.	HEAD	JAMB	SILL	TRANSOM	NOTES
A400	3' - 0"	7' - 0"	F2	D2	1 3/4"	A	-	-	-		1
A401	3' - 0"	7' - 0"	F2	D2	1 3/4"	А	-	-	-		1
A402	3' - 0"	7' - 0"	F2	D2	1 3/4"	А	-	-	-		1
A403	3' - 0"	7' - 0"	F1	D1	1 3/4"	А	-	-	-		1
A404	3' - 0"	7' - 0"	F1	D1	1 3/4"	А	-	-	-		1
A405	3' - 0"	7' - 0"	F2	D2	1 3/4"	A	-	-	-		1
A406	3' - 0"	7' - 0"	F2	D2	1 3/4"	A	-	-	-		1
A407	3' - 0"	7' - 0"	F1	D1	1 3/4"	A	-	-	-		1
A409	3' - 0"	7' - 0"	F1	D1	1 3/4"	A	-	-	-		1
A410	3' - 0"	7' - 0"	F3	D3	1 3/4"	A	-	-	-		1
A411	3' - 0"	7' - 0"	F1	D1	1 3/4"	A	-	-	-		1
A412	3' - 0"	7' - 0"	F1	D1	1 3/4"	A	-	-	-		1
	SIZE (V	V x H)			DOOR			DE	TAILS		
MARK	TOTAL WIDTH	HEIGHT	FRAME	DOOR MATERIAL	THICKNESS	ELEV.	HEAD	JAMB	SILL	TRANSOM	NOTES
4230	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4230A	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4230B	3' - 0"	7' - 0"	F3	D3	1 3/4"	В					1
4235	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4236	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4237	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4239	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4240	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4240A	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4240B	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4240C	3' - 0"	7' - 0"	F2	D2	1 3/4"	A					1
4241	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4242	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4243	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4244	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
4244A	3' - 0"	7' - 0"	F3	D3	1 3/4"	A					1
1211/1	<u> </u>		_		· · · · · · · · · · · · · · · · · · ·						
DOOR	FINISHES										

F1 HOLLOW METAL F2 EXISTING - REUSED F3 EXISTING TO REMAIN

FRAME MATERIALS

DOOR MATERIALS D1 SOLID CORE WOOD EXISTING - REUSED D2

EXISTING TO REMAIN D3

1. DOOR TO RECEIVE NEW LEVER STYLE LOCK SET: BEST MORTISE 45H-7-14R-626 OFFICE FUNCTION







/24/2020 10:12:44 AM BIM 360://2019-21_UTPB_MesaBuilding-Phasell/2019-21_UTPB_MesaBuilding_Phasell.r



ABBR	EVIATIONS		
ABBREV	DESCRIPTION	ABBREV	DESCRIPTION
AAV ABV A/C AD	AUTOMATIC AIR VENT ASSEMBLY ABOVE AIR CONDITIONED ACCESS DOOR	ID IE IN INSUL	INSIDE DIAMETER INVERT ELEVATION (FLOW LINE) INCHES INSULTION
AF AFC AFF	AIR FLOW ABOVE FINISHED CEILING ABOVE FINISHED FLOOR	IN WG KW	INCHES OF WATER
AFG AHU ANSI AMCA AP APPROX ARCH ARI ASME ASTM	ABOVE FINISHED FEORY ABOVE FINISHED GRADE AIR HANDLING UNIT AMERICAN NATIONAL STANDARD INSTITUTE AIR MOVING AND CONDITIONING ASSOCIATION, INC. ACCESS PANEL APPROXIMATE ARCHITECTURAL AIR CONDITIONING & REFRIGERATION INSTITUTE AMERICAN SOCIETY OF MECHANICAL ENGINEERS AMERICAN SOCIETY FOR TESTING MATERIALS	L LAT LAV LB LIN FT LPG LRA LVR	LONG, LENGTH LEAVING AIR TEMPERATURE LAV OR LAVATORY POUND LINEAL FOOT LIQUID PROPANE GAS LOCKED ROTOR AMPS LOUVER
AUX B BCU BDD BFC BFF BFG BFP BHP	AUXILIARY BOILER BLOWER COIL UNIT BACK DRAFT DAMPER BELOW FINISHED CEILING BELOW FINISHED FLOOR BELOW FINISHED GRADE BACKFLOW PREVENTER BRAKE HORSEPOWER	MAX MBD MBH MECH MG MIN MS NA NC	MAXIMUM MANUAL BALANCING DAMPER THOUSAND BTU / HR MECHANICAL NATURAL GAS (MEDIUM PRESSURE) MINIMUM MOTOR STARTER NOT APPLICABLE NORMALLY CLOSED
BI BLDG BOD BOP BSMT	BACKWARD INCLINED BUILDING BOTTOM OF DUCT BOTTOM OF PIPE BASEMENT	NIC NO NTS	NOT IN CONTRACT NORMALLY OPEN NOT TO SCALE
CD CFH CFM	BRITISH THERMAL UNIT CONDENSATE DRAIN LINE OR CONTROL DAMPER CUBIC FEET PER HOUR CUBIC FEET PER MINUTE	OAH OBD OC OD	OUTSIDE AIR OUTSIDE AIR INTAKE HOOD OPPOSED BLADE DAMPER ON CENTER OUTSIDE DIAMETER
CH CHP CHR CHS CIRC CL	CHILLER CHILLED WATER PUMP CHILLED WATER RETURN CHILLED WATER SUPPLY CIRCULATING CENTER LINE	PBD PCHP PCHR PCHS PD PH	PARALLEL BLADE DAMPER PRIMARY CHILLED WATER PUMP PRIMARY CHILLED WATER RETURN PRIMARY CHILLED WATER SUPPLY PRESSURE DROP PHASE
CLG CM CMU CO CONC COND CONN CONT CR	CEILING CONSTRUCTION MANAGER CONCRETE MASONRY UNIT CLEANOUT CONCRETE CONDENSATE CONNECTION CONTINUATION CONDENSATE RETURN	PHL PLUMB PNL PPM PRESS PRV PRV PSIG	PRESSURE HIGH LIMIT PLUMBING PANEL PARTS PER MILLION PRESSURE POWER ROOF VENTILATOR PRESSURE REDUCING VALVE POUND PER SQUARE INCH. (GAUGE
CRAC CRAH CT CWR CWS CU	COMPUTER ROOM AIR CONDITIONER COMPUTER ROOM AIR HANDLER COOLING TOWER CONDENSING WATER RETURN CONDENSING WATER SUPPLY CONDENSING UNIT	QTY RA RAG RAH RE	QUANTITY RETURN AIR RETURN AIR GRILLE RELIEF AIR HOOD REFER
CV CW DB DEG DG	CONTROL VALVE DOMESTIC COLD WATER DRAIN DRY BULB DEGREES DOOR GRILLE DIAMETER	REQ'D REV RH RHC RM RPM RTU	REQUIRED REVISED OR REVISIONS RELATIVE HUMIDITY REHEAT COIL ROOM REVOLUTION PER MINUTE ROOF TOP UNIT
DIA DIFF DMPR DN DWG DX	DIAMETER DIFFUSER DAMPER DOWN DRAWING DIRECT EXPANSION	PRV SA SAF SCH	POWER ROOF VENTILATOR SUPPLY AIR SUPPLY FAN SCHEDULE
EA EAG EAT EDH EF EH ELEC ELEV EMERG ENT EOM EQUIP ESP EWC EWT EVAP EX EXH	EACH OR EXHAUST AIR EXHAUST GRILLE ENTERING AIR TEMPERATURE ELECTRIC DUCT HEATER EXHAUST FAN EXHAUST HOOD ELECTRICAL ELEVATION EMERGENCY ENTERING END OF MAIN EQUIPMENT EXTERNAL STATIC PRESSURE ELECTRIC WATER COOLER ENTERING WATER TEMPERATURE EVAPORATOR EXISTING EXHAUST	SCHP SD SEC SECT SF SHT SQ SS STD STM SURF SUSP SW SYS TEMP THL TLL TLL	SECONDARY CHILLED WATER PUMP SMOKE DAMPER SECOND SECTION SQUARE FOOT SHEET SQUARE SERVICE SINK, STAINLESS STEEL OF SANITARY SEWER STANDARD STEAM SURFACE SUSPEND OR SUSPENDED SOFTENED WATER SYSTEM TEMPERATURE TEMPERATURE TEMPERATURE HIGH LIMIT TEMPERATURE LOW LIMIT
F FCU FD FLEX FLG FLR FM FO FDB	DEGREES FAHRENHEIT OR FIRE LINE DEGREES FAHRENHEIT FAN COIL UNIT OR FURNACE & COIL UNIT FIRE DAMPER OR FLOOR DRAIN FLEXIBLE FLANGE FLOOR FACTORY MUTUAL FLAT OVAL DUCT	TF TSP TSTAT TU TXV TYP U UF UG	TOTAL PRESSURE TOTAL STATIC PRESSURE THERMOSTAT TERMINAL UNIT THERMOSTATIC EXPANSION VALVE TYPICAL URINAL UNDERFLOOR UNDERGROUND
FPB FPM FS FT	FOOT PER MINUTE FLOW SWITCH FEET, FOOT	UNO V VAV VP	VOLT(S) VARIABLE AIR VOLUME
G GAL GALV GC GPH GPM	GALLON GALLON GALVANIZED GENERAL CONTRACTOR GALLON PER HOUR GALLON PER MINUTE	VB VEL VENT VERT VF VOL VTR	VALVE BOX OR VACUUM BREAKER VELOCITY VENTILATE VERTICAL VENTILATION FAN VOLUME VENT THRU ROOF
H HD HOA HP HR HW HWP HWR HVAC HZ	HIGH, HEIGHT HOSE BIBB HEAD IN FEET HAND-OFF-AUTO HORSE POWER OR HEAT PUMP HOUR DOMESTIC HOT WATER HEATING WATER PUMP HOT WATER RETURN HEATING / VENTILATING / AIR CONDITIONING HERTZ	W W/ W/O WB WC WCO WG WT Δ	WASTE OR WIDE, WIDTH WITH WITHOUT WET BULB WATER CLOSET WALL CLEANOUT WATER GAUGE WEIGHT DELTA PHASE OR ROUND

	MEC	HANICAL LEGEND			GENERAL DEMOLITION NOTES	HEA	TING VE	NTILATI	NG AND AIR CONDITIONING SPECIFICATIONS
	GENERA	L	HEATIN	G PIPING	A SIZE AND LOCATION OF EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. SHOWN FOR REFERENCE	1.	GENE A.	NOTE:	
	SYMBOL		SYMBOL		UNLY. FIELD VERIFY EXACT CONDITIONS PRIOR TO BID.		B.	1. SUBMI	Conform with the applicable provisions of the General Conditions, the Special Conditions and the General Requ TTALS:
		EXISTING COMPONENT TO REMAIN EXISTING COMPONENT TO BE REMOVED	—HWR—	HEATING WATER SOFFET	B REMOVE SLEEVES AND PATCH ALL WALLS, FLOORS, AND CEILINGS TO REMAIN WHERE PIPING AND/OR DUCTWORK HAS BEEN REMOVED. PATCHES IN RATED CONSTRUCTION SHALL MATCH		C	1.	Submit manufacturer's data and shop drawings on all materials.
	+ 9	DROP	<u> </u>	STEAM WITH PRESSURE INDICATED	EXISTING MATERIAL TO ENSURE RATING INTEGRITY.		C.	SCOPE	: This section of the specifications pertains to all labor, materials, equipment and service necessary for and incide
	-+0	RISE	/	CONDENSATE RETURN - LOW PRESSURE	C COORDINATE DEMOLITION WITH GENERAL CONTRACTOR. OWNER SHALL HAVE FIRST RIGHTS TO				heating, ventilating and air conditioning system as shown on the drawings and/or as specified herein.
	-+0+- -+\$+-	DROP OFF BOTTOM	 0	PUMPED CONDENSATE RETURN	ACTIVE SERVICE LOCATION. REMOVE ALL ASSOCIATED HANGERS, SUPPORTS, POWER, CONTROLS ETC.			2.	All appurtenances and auxiliary equipment necessary to the function of any specified item of equipment shall necessary to the functioned or not. Each item of equipment shall necessary to the functioned or not.
	-+\$+-	BRANCH OFF TOP	— BFW—	BOILER FEED WATER					function for which it is intended, and all work necessary to provide a complete functional system shall be provide
	+ ± +	BRANCH OFF BOTTOM						3.	This specification requires that all items of equipment be completely installed, finally connected, tested and
		BRANCH OFF SIDE	@_	FLOAT & THERMOSTATIC TRAP	GENERAL NOTES			4.	service. It shall be the responsibility of the Contractor to verify all requirements of the equipment and the contract and c
		BLIND FLANGE		OLS	A IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, SUB-CONTRACTORS,				the submittal of the shop drawings that all requirements have been met, including:
		CONCENTRIC REDUCER	n m	THERMOSTAT	MANUFACTURERS AND SUPPLIERS TO ADHERE TO THE REQUIREMENTS OF THE FOLLOWING GENERAL NOTES. IF CONFLICT OCCURS, CONTACT A/E PRIOR TO COMMENCEMENT OF WORK.				a) Space requirements b) Electrical requirements (voltage phase wires No and size)
			Ð	HUMIDISTAT					c) Capacities
		GUIDE	© or ∏	TEMPERATURE SENSOR	DEFINE WORK IN THE MOST LOGICAL PLACE AND TO ELIMINATE REDUNDANCY. THE SCOPE OF				d) Clearance for maintenance
)	— × —	ANCHOR	E		LIMITED TO JUST ONE SERIES OF DRAWINGS OF DIVISION OF SPECIFICATIONS AND IS NOT				e) Quality f) Quantity
		FLOW DIRECTION	DP or OP	DIFFERENTIAL PRESSURE SENSOR	NO ADDITIONAL COST SHALL BE INCURRED BY THE OWNER FOR CONTRACTOR'S SCOPE OF WORK.	II.	PROD	UCTS	i, Quantity
		GRADE DOWNWARD			UNDERSTAND THE FULL SCOPE OF WORK. IF CONFLICT OCCURS, CONTACT A/E PRIOR TO COMMENCEMENT OF WORK.		A.	META	L DUCTWORK: Except as otherwise specified herein, in other sections of the specifications, and/or noted on the drawings, lo
			SYMBOL	DESCRIPTION				1.	ducts shall be constructed of galvanized steel sheets in accordance with the recommended construction for lo
		& ACCESSORIES DESCRIPTION	y 12X10 🖌	RECTANGULAR DUCT (FIRST DIM VISIBLE)	OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED, AS REQUIRED BY ALL OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED, AS REQUIRED BY ALL				ductwork insofar as gauges of metal to be used, bracing of joints and joint construction as established in HV.
	- _	BALL VALVE	<u>120</u>	ROUND DUCT (FIRST DIM VISIBLE)	APPLICABLE CODES, AND PER MANUFACTURERS DIRECTIONS.				CONSTRUCTION STANDARDS, First Edition, as published by Sheetmetal and Air Conditioning Contractor Association Inc. (SMACNA)
	— ———	BUTTERFLY VALVE	<u>2 12/10</u>	FLAT OVAL DUCT (FIRST DIM VISIBLE)	D NO CUTTING SHALL BE DONE TO ANY OF THE STRUCTURAL MEMBERS THAT WOULD TEND TO LESSEN THEIR STRENGTH, UNLESS SPECIFIC PERMISSION IS GRANTED BY THE ARCHITECT.			2.	Unless indicated otherwise, all duct shall be constructed in conformance with 1" w.g. pressure class.
				RECTANGULAR SUPPLY DUCT TURNED UP				3.	Make square elbows where shown or required, with factory-fabricated turning vanes. Make all other changes i with rounded elbows having a centerline radius equal to 1.1/2 times the width of the dust in the alone of the bar
		GATE VALVE GAS COCK	<u>у</u> /	DUCT TURNED UP	E ALL PIPING AND DUCTWORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN PIPING AND DUCTWORK AROUND OBSTRUCTIONS AND AS REQUIRED FOR SERVICE SHALL BE			4.	Make transformations in duct shape or dimension with gradual slopes on all sides. Make increases in dimension
	k	GLOBE VALVE	У ІХ	RECTANGULAR SUPPLY DUCT TURNED DOWN	PROVIDED AT NO ADDITIONAL COST TO THE OWNER.				direction of air flow, with a maximum slope of 1" in 7" on any side. Make decreases in dimensions in the direct
		CHECK VALVE	УIИ	RECTANGULAR RETURN OR EXHAUST DUCT TURNED DOWN	F COORDINATE CONSTRUCTION OF ALL WORK WITH ARCHITECTURAL, CIVIL, STRUCTURAL,			5	flow preferably with a slope of 1" in 7" on any side, but with a maximum slope of 1" in 4" where conditions nec Ducts shall be routed in conjunction with pines electrical conduits ceiling hangers etc. so as to avoid int
		PRESSURE REDUCING VALVE	\mathbb{Z}	ROUND SUPPLY DUCT TURNED UP	FEMILING, ELECTRICAL WORK, ETC., SHOWN ON ALL OTHER CONTRACT DOCUMENT DRAWINGS.			5.	insofar as possible. Where duct penetrations are unavoidable, provide streamline shaped sleeves around suc
			\mathbb{Z}	ROUND SUPPLY DUCT TURNED DOWN	G VERIFY AND COORDINATE ALL FINAL EQUIPMENT SIZES AND CONNECTING SERVICES WITH ACTUAL EQUIPMENT SUBMITTED AND APPROVED & OWNER PROVIDED EQUIPMENT.				penetrations, made airtight at duct surfaces, except that such sleeves are not required at tie rods. Where obstru
		THERMOSTATIC MIXING VALVE	20	ROUND RETURN OR EXHAUST DUCT			B.	DUCT	SEALER:
		SOLENOID VALVE	\mathbb{Z}	ROUND RETURN OR EXHAUST	WITH A SPECIFIED PRODUCT SIMILAR TO 3M, OR APPROVED EQUAL.			1.	All supply air and exhaust air ductwork shall be sealed to provide airtight construction. Metal surfaces to be jo
	— <u>©</u> —	VALVE BOX	8 10	OVAL SUPPLY DUCT TURNED UP	I UNLESS OTHERWISE SHOWN, LOCATE ALL ROOM THERMOSTATS, SENSORS, AND HUMIDISTATS				be clean, dry and free of dirt or grease. Apply a heavy coat of Kingco Seal-Rite 18-120 to the interior metal sur- slip joint, then interlock into place metal duct sections. Apply a heavy coat of 18-120 to the exterior metal su
				OVAL SUPPLY DUCT TURNED DOWN	4'-0" ABOVE FINISHED FLOOR. LOCATIONS ADJACENT TO DOORS SHALL MAINTAIN A MINIMUM OF 24" FROM FRAME.				joint, making sure any voids are filled to secure a continuous air pressure sealant.
)								2.	Allow sealant to dry a minimum of 48 hours before pressurizing system.
		UNION		OVAL RETURN OR EXHAUST DUCT TURNED OP	J ALL DUCTWORK DIMENSIONS AS SHOWN ON THE DRAWINGS, ARE INTERNAL CLEAR DIMENSIONS AND DUCT SIZE SHALL BE INCREASED TO COMPENSATE FOR DUCT LINER THICKNESS, WHERE		C.	3. FLEXI	BLE DUCT:
	-+ `, +-	STRAINER W/ BLOW DOWN			DUCT LINER IS SPECIFIED.			1.	Flexible duct shall be a factory fabricated assembly consisting of an inner sleeve, insulation and an outer moiste
		GAS PRESSURE REGULATOR		INDICATED (D=DROP, R=RISE)	K COORDINATE MBD, DIFFUSER, REGISTER, AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS, LIGHTING, AND OTHER CEILING ITEMS, MBD's SHALL BE FULLY				The inner sleeve shall be constructed of a continuous vinyl-coated spring steel wire helix fused to a continuous fiber glass impregnated and coated with vinyl. A $\frac{1}{14}$ inch thick insulating blanket of fiber glass wool shall
		THERMOMETER	→ ⊠→	DIFFUSER W/ AIR PATTERN	ACCESSIBLE. MAKE MINOR DUCT MODIFICATIONS AS REQUIRED.				inner sleeve and be sheathed with an outer moisture barrier of a reinforced Mylar or neoprene lamina
	<u>¥</u> +	PRESSURE GAUGE W/ GAUGE COCK			L LOCATE ALL MECHANICAL EQUIPMENT FOR UNOBSTRUCTED ACCESS TO UNIT ACCESS PANELS,				permeability. The flexible duct shall be rated for a maximum working velocity of 6000 FPM and shall be lis
	FS	FLOW SWITCH		RETURN EXHAUST OR TRANSFER AIR GRILLE	CONTROLS, AND VALVING. MAINTAIN THE MINIMUM SERVICE CLEARANCE PER MANUFACTURER.				The flexible duct shall be Thermaflex M-KE for low pressure application.
	PS	PRESSURE SWITCH			M RUNS OF FLEXIBLE DUCT SHALL NOT EXCEED 4 FEET OR BEND GREATER THAN 90°.			2.	Flex duct shall not exceed 4'-0" in length or have more than 90 degree of bend. If longer duct is required
	<u> </u>	AQUASTAT	⊻ ⊢ ►	SIDEWALL SUPPLY GRILLE OR REGISTER	N PROVIDE ACCESS PANELS IN WALLS AND CEILINGS TO ALLOW ADEQUATE ACCESS TO EQUIPMENT,	ш	FXFC	UTION	sheetmetal duct with 2" thick duct insulation to make-up the difference in length.
		AUTO AIR VENT	⊻	SIDEWALL RETURN, EXHAUST OR TRANSFER	VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC.		A.	REVIS	IONS AND RELOCATION OF EXISTING SYSTEMS:
		VACUUM RELIEF VALVE			O LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE OP DUCT LIPSTREAM AND DOM/NETREAM AS			1.	Where conflicts occur between the new work and the existing systems components which cannot be res
~	一季	TEMPERATURE & PRESSURE RELIEF			REQUIRED BY THE MANUFACTURER FOR GOOD ACCURACY.		В.	INSUL	ATION:
	_ ≵ <u>-</u>	PRESSURE RELIEF VALVE		MANUAL BALANCING DAMPER	P RUN ALL SOIL, WASTE, AND VENT PIPING WITH 1% MINIMUM GRADE UNLESS OTHERWISE NOTED.			1.	Any insulation which is not applied in a workmanlike manner will be rejected and replaced. All covering
	 ۲۰۰۹	FLEXIBLE CONNECTION		MANUAL BALANCING DAMPER	HORIZONTAL VENT PIPING SHALL BE GRADED TO DRIP BACK TO THE SOIL OR WASTE PIPE BY GRAVITY.				smooth, flush, dressed to line and tight. Mastic shall be neatly applied and tooled. Architect reserves the right any insulation whose appearance he deems unacceptable.
	│ ──┤∥┝── │──╕╒	FLOW MEASURING DEVICE						2.	Apply insulation after all work has been tested, found to be tight and accepted as such by the Architect. Thorough
D		EST WELL	<u>x</u> _	MUTURIZED DAMPER	DRAWINGS FOR ADDITIONAL VALVE LOCATIONS.			3	and dry all surface to be covered. Ductwork:
N				HOUR FIRE DAMPER	R INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER				a) Insulate the supply air ducts with 2" thick, 3/4 lb. density, Johns-Manville "Microlite" glass fib
	SYMBOL	DESCRIPTION		COMBINATION FIRE / SMOKE DAMPER	APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.				insulation having a factory applied FSK vapor barrier jacket. Insulation shall have a 25% compresse
	—CHR—	CHILLED WATER RETURN	FD/SD or FS		S PROVIDE CLEANOUTS IN SANITARY AND STORM DRAINAGE SYSTEMS AT ENDS OF RUNS, AT CHANGES IN DIRECTION GREATER THAN 45° NEAR THE BASE OF STACKS, EVERY 400 DEVELOPED				 b) This insulation shall be secured, vapor barrier side out, to sheet metal. On horizontal runs, lap top a
	—CHS—	CHILLED WATER SUPPLY		SMOKE DAMPER	FEET AND ELSEWHERE AS INDICATED. ALL CLEANOUTS SHALL BE FULL SIZE OF PIPE FOR PIPE 4"				sheets over edges of side pieces. Butt joints tightly.
	-PCHR-			HORIZONTAL FIRE DAMPER	AND SMALLER AND SHALL BE 4 FOR FIFE SIZES LARGER THAN 4 .				c) Seal all joints, punctures, breaks and fasteners with two coats of Benjamin Foster 85-20 adhesive. En inch wide Glassfab membrane in adhesive between coats.
		CONDENSING WATER RETURN					C.	TEMPH	ERATURE CONTROL:
	—cws—	CONDENSING CHILLED WATER SUPPLY	᠁᠐ᠺ᠕					1.	All work associated with the existing DDC temperature control system shall be performed by TAC Americas, In
		REFRIGERANT LIQUID	⊥ЦШ У_∆р⊓7						
	— RHG—	REFRIGERANT SUCTION							
		MAKEUP WATER		MITERED ELBOW (TURNING VANES UNO)					
	— D —	CONDENSATE DRAIN	$\sum_{i=1}^{n}$						
	MISC. PI	PING	<u> </u>	RADIUS ELBOW (1.5ଢ଼ RADIUS UNO)					
	SYMBOL	DESCRIPTION		CONCENTRIC TRANSITION					
	— A —	COMPRESSED AIR		(1 IN 4 MAX SLOPE)					
	— G —	NATURAL GAS - LOW PRESSURE (<1 PSI)	Ш	ECCENTRIC TRANSITION (1 IN 4 MAX SLOPE)					
	— MG —	NATURAL GAS - MED. PRESSURE (>1 PSI)		·					
	LP	LIQUID PROPANE GAS							











DEMOLITION NOTES INDICATED BY "

- 1 RELOCATE EXISTING SLOT DIFFUSER.
- 2 DISCONNECT SUPPLY DUCT FROM TROFFER, REMOVE BACK TO TRUNK DUCT & CAP.
- 3 EXISTING DUAL DUCT VAV BOX TO REMAIN. (TYP.)
- 4 RELOCATE EXISTING SPACE TEMP. SENSOR.
- 5 REMOVE EXISTING WATER CLOSET. REMOVE DCW BACK INTO CHASE AND CAP. REMOVE SEWER INTO CHASE AND PLUG. PATCH TILE AS DIRECTED BY ARCHITECT.

NOTES INDICATED BY " () "

- 1 RELOCATED SLOT DIFFUSER. MODIFY / EXTEND DUCTWORK AS REQUIRED.
- 2 EXISTING SUPPLY AIR TROFFER CONVERTED TO RETURN AIR TROFFER.
- 3 EXISTING DUAL DUCT VAV BOX TO REMAIN. (TYP.)
- 4 RELOCATED SPACE TEMP. SENSOR.
- 5 PROVIDE AND INSTALL INSULATION KIT EQUAL TO A TRUEBRO 102W ON EXISTING LAVATORY.

ALL TEMERATURE CONTROL WIRING MODIFICATIONS SHALL BE PERFORMED BY THE CAMPUS CONTROL CONTRACTOR - TAC AMERICAS, INC. FIELD VERIFY ALL RELOCATED SPACE SENSOR / THERMOSTATS ARE LOCATED IN SPACE SERVED BY THE ASSOCIATED VAV BOX.





ELEC	TRICAL LEGEND			ELECT	RICAL ABBREVIATIONS			ELECTRICAL	GENERAL NOTES	3			
LIGHTING		COMMUNIC	ATIONS					A IT IS THE RESPONSI ADHERE TO THE REC	3ILITY OF THE GENERAL CONTRA QUIREMENTS OF THE FOLLOWING	CTOR, SUB-CON	NTRACTORS, MAN TES. IF CONFLICT	FACTURERS AN	ID SUPPLIERS TO ACT A/E PRIOR TO
	DESCRIPTION	SYMBOL	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION						
	1 LIGHTING FIXTURE WITH BATTERY BACK-UP - TYPE & CIRCUIT NOTED	\mathbf{V}_2	WALL MOUNTED TELEPHONE DEVICE - NO. OF OUTLETS INDICATED	A	AMPERE(S)	KVAC	KILOVOLT AMPERE CAPACITIVE	B EVERY EFFORT HAS MOST LOGICAL PLAC SET OF DRAWINGS (BEEN MADE TO MAKE THESE DOU CE AND TO ELIMINATE REDUNDAN & SPECIFICATIONS AND IS NOT LI	ICY. THE SCOP	CISE AND COORDI E OF WORK IS DEI ONE SERIES OF D	ATED, TO DEFIN INED THROUGH RAWINGS OR DIV	OUT THE ENTIRE
	LIGHTING FIXTURE - TYPE & CIRCUIT NOTED	$\mathbf{\nabla}_2$	FLOOR MOUNTED TELEPHONE DEVICE - NO. OF OUTLETS INDICATED	ABV		KVAR		SPECIFICATIONS. R WORK. NO ADDITIO	EVIEW THE ENTIRE SET OF CONTINAL COST SHALL BE INCURRED B	RACT DOCUMEN Y THE OWNER	NTS TO DETERMIN	EACH CONTRA	ACTOR'S SCOPE OF
	LIGHTING FIXTURE WITH BATTERY BACKUP - TYPE & CIRCUIT NOTED	∇_2	WALL MOUNTED DATA DEVICE - NO. OF OUTLETS INDICATED	AC		KW		FULL SCOPE OF WO	RK. IF CONFLICT OCCURS, CONT	ACT A/E PRIOR	TO COMMENCEME	NT OF WORK.	
	WALL WASHER - TYPE & CIRCUIT NOTED	\square		AIC			POUND	C PROVIDE ALL MATER	CIALS, LABOR, AND EQUIPMENT AS DRAWINGS, AS SPECIFIED, AS RE	3 REQUIRED TC QUIRED BY ALL	D INSTALL COMPLE APPLICABLE COD	TE AND OPERAB	JLE SYSTEMS AS NUFACTURER'S
	WALL MOUNTED LIGHTING FIXTURE - TYPE & CIRCUIT NOTED	∑2	FLOOR MOUNTED DATA DEVICE - NO. OF OUTLETS INDICATED	AFF	ABOVE FINISHED FLOOR	LPS	LOW PRESSURE SODIUM	DIRECTIONS.					
	CEILING MOUNTED EXIT SIGN - TYPE NOTED - DIRECTIONAL ARROWS INDICATED	$\mathbf{\nabla}$	WALL MOUNTED COMMUNICATIONS DEVICE - TWO OUTLETS	AFG	ABOVE FINISHED GRADE	M	MANHOLE	D SIZE AND LOCATION EXACT CONDITIONS	OF EXISTING EQUIPMENT, CONDU PRIOR TO BID.	JIT, WIRING, ET	C. SHOWN FOR R	FERENCE ONLY	. FIELD VERIFY
	WALL MOUNTED EXIT SIGN - TYPE NOTED - DIRECTIONAL ARROWS INDICATED	$\mathbf{\nabla}$	FLOOR MOUNTED COMMUNICATIONS DEVICE - TWO OUTLETS	AHU	AIR HANDLING UNIT	MAX	MAXIMUM	E NO CUTTING SHALL	BE DONE TO ANY OF THE STRUC ⁷	FURAL MEMBER	RS THAT WOULD TE	ND TO LESSEN	THEIR STRENGTH,
	EMERGENCY LIGHTING FIXTURE - TYPE & CIRCUIT NOTED	√e		ATS	AUTOMATIC TRANSFER SWITCH	MCC	MOTOR CONTROL CENTER	UNLESS SPECIFIC PI	ERMISSION IS GRANTED BY THE A	RCHITECT.			
A LPA-1	FLOOD LIGHT - TYPE & CIRCUIT NOTED	\√E		BFF	BELOW FINISHED FLOOR	MDP	MAIN DISTRIBUTION PANEL	F REMOVE SLEEVES A EQUIPMENT HAS BE	ND PATCH ALL WALLS, FLOORS, <i>F</i> EN REMOVED. PATCHES IN RATE	AND CEILINGS T	FO REMAIN WHERE ION SHALL MATCH	CONDUIT AND/C EXISTING MATEI)R ELECTRICAL RIAL TO ENSURE
	POLE MOUNTED LIGHTING FIXTURE - TYPE & CIRCUIT NOTED	(S)		BFG	BELOW FINISHED GRADE	MECH	MECHANICAL	RATING INTEGRITY.					
	GROUND MOUNTED BOLLARD LIGHT - TYPE & CIRCUIT NOTED	Sc		BLDG	BUILDING	MH	MOUNTING HEIGHT	G COORDINATE DEMO COMPONENTS. THE	REMAINING ITEMS SHALL BE CON REMAINING ITEMS SHALL BE CON	MPLETELY REM	OVED BACK TO AC	TIVE SERVICE L	OCATION. REMOV
E C	EXISTING LIGHT FIXTURE TO REMAIN	HS)		С	CONDUIT	MIN	MINIMUM						
	EXISTING LIGHT FIXTURE TO BE REMOVED	HS WP		СВ	CIRCUIT BREAKER	MLO	MAIN LUGS ONLY	BEING REUSED FOR	NEW CONSTRUCTION IS COMPLE	TE.	DATED COTLETS B	IXES AND FLOOP	A CHASES NOT
	EXISTING LIGHT FIXTURE TO REMAIN	M		CCTV	CLOSED CIRCUIT TELEVISION	MTG	MOUNTING	I COORDINATE CONS	FRUCTION OF ALL WORK WITH AF	CHITECTURAL, DRAWINGS	, CIVIL, STRUCTUR	۸L, PLUMBING, E	LECTRICAL WORK
0	EXISTING LIGHT FIXTURE TO BE REMOVED			CKT	CIRCUIT	MV				S ETC SHALL			
⊦€ E	EXISTING EXIT LIGHT FIXTURE TO REMAIN					NC		SIMILAR TO 3M, OR A	APPROVED EQUAL.	, ETO., OTIVEE D			
HXX	EXISTING EXIT LIGHT FIXTURE TO BE REMOVED	\otimes			DATA COLLECTION PANEL	NF	NON FUSED	K PROVIDE UPDATED	CIRCUIT DIRECTORIES FOR ALL E	XISTING PANEL'	BOARDS WHERE N	EW CIRCUITS AF	RE ADDED OR
POWER SYMBOL	DESCRIPTION	©c ⊠		DIA	DIAMETER	NO	NORMALLY OPEN		SHALL BE INSTALLED IN RIGID ME		AS DESCRIBED IN T	THE SPECIFICAT	IONS METAL CLAI
Ū	JUNCTION BOX			DIST	DISTRIBUTION	NL	NIGHT LIGHT	TYPE MC CABLE IS N	OT AN ACCEPTABLE WIRING MET	HOD.			
	FLOOR MOUNTED JUNCTION BOX			DN	DOWN	ос	ON CENTER	M PROVIDE DEDICATE) NEUTRAL CONDUCTORS FOR A! ORS BETWEEN PHASES IS PROH!	LL CIRCUITS RE	EQUIRING A NEUTR	AL CONNECTION	J. SHARING
	PULIBOX			DWGS	DRAWINGS	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED						
	MOTOR LOCATION			EC	EMPTY CONDUIT	ОН	OVERHEAD	CONCEALED IN THE FOR CORRECTION C	BLOCK WALL. SURFACE MOUNTE	ED BOXES AND (CONDUIT ARE NOT	ACCEPTABLE A	ND WILL BE NOTE
				EDF	ELECTRIC DRINKING FOUNTAIN	Р	POLE		AND PUILL BOXES TO OR SUPPOR			O NOT SUPPOR	T BOXES BY
		HB		EF	EXHAUST FAN	PA	PUBLIC ADDRESS	CONDUITS.					DOALO DI
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH - CIRCUIT NOTED			EQMT	EQUIPMENT	PB	PUSHBUTTON						
		SYMBOL		EWC	ELECTRIC WATER COOLER	PBX	PRIVATE BUILDING EXCHANGE						
		E		EXH	EXHAUST	PC	PULL CHAIN						
	PUSHBUTTON	EN 🗖		EXP	EXPLOSION PROOF	P/C	PHOTOCELL		BRANCH CIRCUIT AND SE	RVICE CONDU	JCTOR SIZING SC	HEDULE	
		EKI _C	CEILING MOUNTED FIRE ALARM AUDIBLE ALARM/VISUAL STROBE	EXTG	EXISTING	PDP	POWER DISTRIBUTION PANEL	PRANCH			EQUIPMENT	GROUNDING	
		ski Er		F/A	FIRE ALARM	PNL	PANELBOARD		DEVICE CON		- GROUNDING CONDUCTOR(S	ELECTRODE CONDUCTOR	CONDOT
		₽D ED		FC	FOOTCANDLES	PSI	POUNDS PER SQUARE INCH	F20	20	12	(AWG/kcmil) 12	<u>(AWG/kcmil)</u>	1/2"
		ED _C		FCU		PWR	POWER	F25	25	10	10		1/2"
		s		FLUOR	FLUORESCENT	S		F30 F35	30 35	8	10		1/2"
	EXISTING JUNCTION BOX TO BE REMOVED	ш o ^s				SOFT	SOLIARE EOOT	F40	40	8	10		1"
WIRING DEV	ICES DESCRIPTION		FIRE ALARM DUCT MOUNTED SMOKE DETECTOR IN SUPPLY AIR DUCT			SW	SWITCH	<u>F50</u>	50	<u> </u>	10	8	1"
\$	SPST WALL SWITCH	—	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR IN RETURN AIR DUCT	GECI		SWBD	SWITCHBOARD	F60	60	6	10	8	1"
\$ ₃	3-WAY WALL SWITCH	SD	FIRE ALARM SMOKE DAMPER LOCATION	GEI	GROUND FAULT INTERRUPTER	TC	TIME CLOCK	<u> </u>	80	4	8	8	1-1/4
\$ ₄	4-WAY WALL SWITCH	D	FIRE ALARM DOOR HOLD OPEN DEVICE	GND	GROUND	TELE	TELEPHONE	F90	90	2	8	8	1-1/4"
\$ _P	SPST WALL SWITCH WITH PILOT LIGHT	FS	FIRE ALARM SPRINKLER FLOW SWITCH	GRD	GALVANIZED RIGID STEEL	TSTAT	THERMOSTAT	F125	125	1/0	6	6	2"
\$ _K	KEY OPERATED SPST WALL SWITCH	TS	FIRE ALARM SPRINKLER TAMPER SWITCH	HID	HIGH INTENSITY DISCHARGE	TV	TELEVISION	<u>F150</u> <u>F175</u>	150	<u>1/0</u> 2/0	6	6	2"
\$ _D	WALL MOUNTED DIMMER SWITCH	E	EXISTING FIRE ALARM PULL STATION	HP	HORSEPOWER	UH	UNIT HEATER	F200	200	3/0	6	4	2"
\$ _M	WALL MOUNTED OCCUPANCY SENSOR - OPTIONS (M2) TWO POLE	E	EXISTING FIRE ALARM AUDIBLE ALARM/VISUAL STROBE	НОА	HAND OFF AUTOMATIC	UON		<u>F225</u> F250	225	4/0 250 kcmil	4 4	2	2-1/2"
\$ _{MD}	WALL MOUNTED COMBINATION OCCUPANCY SENSOR/DIMMER	FOE	EXISTING FIRE ALARM VISUAL STROBE	HPS	HIGH PRESSURE SODIUM	UPE		F300	300 3	50 kcmil	4	2	3"
\$ _V	WALL MOUNTED VOLUME CONTROL SWITCH	SE	EXISTING FIRE ALARM SMOKE DETECTOR	HVAC	HEATING/VENTILATING/AIR CONDITIONING	VP	VAPOR PROOF	< <u>F350</u> < F400 >	<u> </u>	<u>00 kcmil</u> (2) 3/0	2 (2) 2	1/0	4"
\$ ₁₂	WALL MOUNTED LOW VOLTAGE SWITCH - NO. OF BUTTONS / ZONES NOTED	E	EXISTING FIRE ALARM PULL STATION TO BE REMOVED	HZ	HERTZ	W	WIRE	F450	450	(2) 4/0	(2) 2	1/0	(2) 2-1/2"
↓ L2	CEILING MOUNTED OCCUPANCY SENSOR - OPTIONS (H) HIGH BAY, (S) SYSTEM	ĿĿĸĴ	EXISTING FIRE ALARM AUDIBLE ALARM/VISUAL STROBE TO BE REMOVED	IC	INTERCOM	WAP	WIRELESS ACCESS POINT	< <u>F500</u> >F600>	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	250 kcmil 350 kcmil	(2) 2 (2) 1/0	1/0 2/0	(2) 2-1/2" (2) 3"
¢§S ^S	CEILING MOUNTED DAY LIGHTING SENSOR - OPTIONS (S) SYSTEM	E C	EXISTING FIRE ALARM VISUAL STROBE TO BE REMOVED	ID	INSIDE DIAMETER	WP	WEATHERPROOF	F700	700 (2)	500 kcmil	(2) 1/0	2/0	(2) 4"
PPDE	OCCUPANCY SENSOR POWER PACK - OPTIONS (D) DIMMING, (E) UL 924 EMERGENCY		EXISTING FIRE ALARM SMOKE DETECTOR TO BE REMOVED	IMC	INTERMEDIATE STEEL CONDUIT	XFMR	TRANSFORMER	< <u>F1000</u> >	1000 (3)	400 kcmil	(3) 1/0	3/0	(3) 3" (3) 3"
$\Phi^{ ext{LPA-1}}$	DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, GROUNDING - CIRCUIT NOTED	SYMBOL		IN	INCHES	XPD		< <u>F1200</u>	1200 (4)	350 kcmil	(4) 3/0	3/0	(4) 3"
 Ф 10А-1	SIMPLEX RECEPTACLE - 125V, 2P, 3W, GROUNDING - AMP RATING AND CIRCUIT NOTED	C				Z		F2000	<u>2000</u> (6)	400 kcmil	(ວ) 4/0 (6) 250 kcmil	3/0	(5) 3" (6) 3"
Ф LPA-1	DUPLEX RECEPTACLE ON EMERGENCY POWER	L				ידר סכ		< <u>F2500</u>	2500 (7)	500 kcmil	(7) 350 kcmil	3/0	(7) 4"
D LPA-1,3	RECEPTACLE - 125/250V, 3P, 3W - AMP RATING AND CIRCUIT NOTED	М	MOTION DETECTOR	JB		2P 3P		< <u>F4000</u> >	4000 (11)) 500 kcmil	(8) 400 kcmil (11) 500 kcmil	3/0	(8) 4"
30A D LPA-1,3	^{,5} RECEPTACLE - 250V, 4P, 4W - AMP RATING AND CIRCUIT NOTED	А		KVA	KILOVOLT AMPERE	Ø	PHASE	NOTES:					
€UPA-1	DOUBLE DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, GROUNDING - CIRCUIT NOTED	G	GLASS BREAK DETECTOR					1. WHERE BRAN	CH CIRCUIT OR FEEDER IS NC)T DESIGNATE	D ON THE DRAW	INGS, BRANCH	I CIRCUIT
D LPA-1	DUPLEX RECEPTACLE WITH TWO USB CHARGING STATIONS - CIRCUIT NOTED	К	SECURITY KEY PAD					OR FEEDER S	HALL BE SIZED TO MATCH THE	OVERCURRE	ENT DEVICE LIST	D ABOVE.	
	DUPLEX RECEPTACLE WITH GFI - CIRCUIT NOTED	IC	INTERCOM STATION					2. GROUNDING E BASED ON TH	E SECONDARY FEEDER	R SEPARATEL	LY DERIVED SYS ENT DEVICE RAT	'EMS SHALL BE NG.	E SELECTED
₩ GF1	DUPLEX RECEPTACLE WITH WEATHER-PROOF COVER - CIRCUIT NOTED	Ā	SECURITY CAMERA										
₩ WP	DUPLEX RECEPTACLE WITH GFI SERVING ELECTRIC WATER COOLER - CIRCUIT NOTED	WP	EXTERIOR SECURITY CAMERA AND ENCLOSURE										
EWC	FLOOR MOUNTED DUPLEX RECEPTACLE - CIRCUIT NOTED	NURSE CA SYMBOL	LE DESCRIPTION										
	FLOOR MOUNTED DOUBLE DUPLEX RECEPTACLE - CIRCUIT NOTED		NURSE CALL PATIENT STATION										
	CEILING MOUNTED DUPLEX RECEPTACLE - CIRCUIT NOTED	Ē	NURSE CALL EMERGENCY STATION										
セン LPA-1 LPA- 2 マイホー 2 マイホー	¹ SURFACE MOUNTED RACEWAY - DEVICES INDICATED	S	NURSE CALL STAFF STATION										
	POWER/COMMUNICATIONS POLE - CIRCUIT NOTED	M	NURSE CALL MASTER CONTROL STATION										
E	EXISTING DUPLEX RECEPTACLE TO REMAIN	œ	NURSE CALL CODE BLUE STATION										
₩ E	EXISTING DUPLEX RECEPTACLE TO BE REMOVED		NURSE CALL DOME LIGHT										
*? _∰E	EXISTING DOUBLE DUPLEX RECEPTACI F TO REMAIN	\textcircled{D}_{z}	NURSE CALL ZONE DOME LIGHT										
ĭ₽řE	EXISTING DOUBLE DUPLEX RECEPTACLE TO BE REMOVED												
۲۲ ج _	EXISTING SPST WALL SWITCH TO REMAIN												
\$°⊏	EXISTING SPST WALL SWITCH TO BE REMOVED												
· 🖻				1									









ELECTRICAL SPECIFICATIONS

1.01	GENERAL:		1.07	OVERCURRENT PROTECTIVE DEVICES:
۹.	All electrical installation shall be performed in a codes and ordinances.	accordance with the National Electrical Code and all local	Α.	All new circuit breakers shall be Square D or equivalent
1.02	CONDUITS:		В.	Fuses shall be Class RK-1 Bussman Type LPN or LPS '
۹.	All conduits used outdoors or in wet location sl	hall be rigid steel conduit with factory made steel threaded couplings	1.08	PANELBOARDS:
	and bushings or Liquidtight Flexible Metal Con shall not exceed 4 feet in length.	duit with factory made connectors. All liquidtight flexible metal conduit	A.	All lighting and appliance panelboards shall be Square E and hinged trim door.
В.	All conduit in all other locations shall be electri	cal metallic conduit (EMT) with steel compression-type box connectors	В.	All Distribution Panelboard shall be Square D "ILINE" se
	4 feet in length.		1.09	LIGHTING:
1.03	ELECTRICAL BOXES:		Α.	All lighting fixtures shall bear the label of Underwriter's L data and drawings on all light fixtures with separate shee
Α.	All outlet boxes shall be galvanized sheet stee	I, or cast iron in wet locations and U.L. listed.	В.	Provide all labor, material, and equipment necessary for
В.	All pullboxes and junction boxes shall be sheet	t steel or cast iron in wet locations and U.L. listed.		the drawings.
C.	Outlet boxes, pullboxes and junction boxes use and be provided with watertight seals and cove	ed outdoors or in wet locations shall be U.L. listed for wet locations ers.	1.08	FIRE ALARM SYSTEM:
1.04	CONDUCTORS:		A.	All fire alarm devices shall conform to the National Elect within NFPA 71, 72A, 72B, 72C, 72D, 72E, 72F, America codes, and must be U.L. listed.
A.	All wiring shall be copper type THHN stranded should not be used smaller than No. 12 unless	if larger than No. 10 and solid for No. 10 and smaller. Wire size used for low voltage control wiring.	В.	Existing System: Provide and install all necessary comp indicated on the drawings to the existing fire alarm contr
1.05	MOUNTING HEIGHTS			prior to bidding and include all costs associated with the
	DEVICE	MOUNTING HEIGHT	C.	Provide all labor, materials, and equipment for and incid drawings.
	Communications Outlet	18 18"	D	Audio-visual fire alarm units: AV units shall Operate on 2
	Wall Switch Wall Dimmer Switch	48" 48"		0.2 seconds. Strobe intensity and flash rate shall have a
	Fire Alarm Pull Station Clock Hanger Outlet	48" 12" below ceiling		positioning selector switch on back of device.
	Wall Mounted Clock Fire Alarm Audio/Visual Devices	12" below ceiling Lowest Point of 80" AFF	E.	Visual fire alarm units: Strobe lights shall meet the requered. The maximum pulse duration shall be 2/10 of one second
	Visual Devices	or 6" below ceiling Lowest Point of 80" AFF		The flash rate shall meet the requirements of UL 1971.
1.06	WIRING DEVICES:	or 6" below ceiling	F.	Wiring: Wiring shall be in accordance with local, state a by the manufacturer of the fire alarm system. Number ar
A.	All wiring devices shall be "industrial specificat	ion grade" and shall be U.L. listed.		alarm system manufacturer, but not less than 18 AWG (and Notification Appliance Circuits. All wire and cable sl
В.	All devices shall give an light almond finish wh mounted in walls finished in dark colors.	ere mounted in walls finished in light colors and a brown finish where		for use with a protective signaling system. Wire and cal suitable for the installation as indicated in NFPA 70 (e.g.
С	All wiring device coverplates shall be 040" sta	mped satin stainless steel		
о. D	All SPST wall switches shall be Hubbell No. H	BI 1221 or equivalent		
F.	All three-way wall switches shall be Hubbell No.	b HBI 1223 or equivalent		
–. F.	All wall dimmer switches shall be Lutron Nova-	T Series NT of sizes shown on the drawings. Provide 0-10V dimming		
G.	Duplex Receptacle, 20 Ampere. 125 Volts. 2 P	Pole, 3 Wire Grounding Duplex: Hubbell No. 5362 or equivalent.		
H.	GFCI Duplex Receptacle, 20 Ampere, 125 Vol Circuit Interrupter: Hubbell No. GFR5362SG o	ts, 2 Pole, 3 Wire Grounding Duplex With Self-contained Ground Fault or equivalent.		
Ι.	Wall Mounted Occupancy Sensor: Hubbell No	. LHMTD2 or approval equal.		
J.	Ceiling Mounted Occupancy Sensor (12' max):	Hubbell No. OMNIDT2000RP.		
K		AP120A or MP277A, or approved equal		

NO SCALE

quivalent bolt-on circuit breakers. N or LPS "Low Peak" rated between 0 - 600 amperes.

e Square D type "NQOD" or "NF" Series or equivalent with copper buss 'ILINE" series or equivalent with copper buss.

erwriter's Laboratories, Inc. Submit for review manufacturer's catalog parate sheets for each proposed fixture clearly labeled. cessary for and incidental to the complete lighting system as shown on

onal Electrical Code Article 760, The National Fire Protection Standards , Americans With Disabilities Act (ADA), all local and state building

ssary components to completely connect the new fire alarm devices alarm control system. Survey and verify all existing system conditions ed with the system upgrade in the final bid price.

r and incidental to the complete fire alarm system as indicated on the perate on 24 VDC and have two selectable tone options of temporal 3

shall have at least 2 audibility options and a maximum Pulse Duration of shall meet UL 1971. Strobe Candela Rating shall be determined by eet the requirements of the ADA, UL Standard 1971, be fully synchronized. of one second. Strobe intensity shall meet the requirements of UL 1971.

al, state and national codes (e.g., NEC Article 760) and as recommended Number and size of conductors shall be as recommended by the fire

18 AWG (1.02 mm) for Initiating Device Circuits, Signaling Line Circuits, And cable shall be listed and/or approved by a recognized testing agency /ire and cable not installed in conduit shall have a fire resistance rating PA 70 (e.g., FPLR).

PANEL: "	PBL"
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Mounting: Surface

Enclosure: Type 1

Supply From:

Volts: 120/208 Wye Phases: 3 Wires: 4

A.I.C. Rating: 10000 Mains Type: MLO Mains Rating: 225 A

1EXISTING LOA3EXISTING LOA5EXISTING LOA7EXISTING LOA9EXISTING LOA11EXISTING LOA13EXISTING LOA14EXISTING LOA15EXISTING LOA17EXISTING LOA17EXISTING LOA19EXISTING LOA21EXISTING LOA23EXISTING LOA24EXISTING LOA25SPARE26SPARE27SPARE31RECEPTACLE33RECEPTACLE34RECEPTACLE35RECEPTACLE39RECEPTACLE39RECEPTACLE41RECEPTACLE43RECEPTACLE44SPARE45SPARE47SPARE49SPARE51SPARE53SPARE54SPARE55SPARE61SPACE ONLY65SPACE ONLY	Circuit Description	Trip	Poles	Notes	Α	В	С	A	В	С	Notes	Poles	Trip	Circu	it Description	CI
 3 EXISTING LOA 5 EXISTING LOA 7 EXISTING LOA 9 EXISTING LOA 11 EXISTING LOA 13 EXISTING LOA 13 EXISTING LOA 15 EXISTING LOA 17 EXISTING LOA 19 EXISTING LOA 21 EXISTING LOA 21 EXISTING LOA 22 SPARE 23 PARE 24 RECEPTACLE 35 RECEPTACLE 37 RECEPTACLE 39 RECEPTACLE 39 RECEPTACLE 39 RECEPTACLE 39 RECEPTACLE 41 RECEPTACLE 43 RECEPTACLE 43 RECEPTACLE 41 RECEPTACLE 43 RECEPTACLE 43 RECEPTACLE 44 RECEPTACLE 45 SPARE 47 SPARE 49 SPARE 51 SPARE 53 SPARE 54 SPARE 55 SPARE 57 SPARE 58 SPARE 59 SPARE 51 SPARE 51 SPARE 53 SPARE 54 SPARE 55 SPARE 56 SPARE 57 SPARE 58 SPARE 59 SPARE 51 SPARE 51 SPARE 53 SPARE 54 SPARE 55 SPARE 56 SPARE 57 SPARE 58 SPARE 59 SPARE 51 SPARE 59 SPARE 51 SPARE 51 SPARE 53 SPARE 54 SPARE 55 SPARE 56 SPARE 57 SPARE 58 SPARE 59 SPARE 51 SPARE 59 SPARE 51 SPARE 51 SPARE 53 SPARE 54 SPARE 55 SPARE 55 SPARE 56 SPARE 57 SPARE 58 SPARE 59 SPARE 59 SPARE 50 SPARE ONLY 51 SPARE ONLY 53 SPARE ONLY 54 SPARE ONLY 55 SPARE ONLY 55 SPARE ONLY 56 SPARE ONLY 57 SPARE ONLY 58 SPARE ONLY 59 SPARE ONLY 59 SPARE ONLY 50 SPARE ONLY 51 SPARE ONLY 51 SPARE 52 SPARE ONLY 53 SPARE ONLY 54 SPARE 	LOAD	20 A	1	1	500			500			1	1	20 A	EXISTING LOAD	•	
 5 EXISTING LOA 7 EXISTING LOA 9 EXISTING LOA 11 EXISTING LOA 13 EXISTING LOA 13 EXISTING LOA 15 EXISTING LOA 17 EXISTING LOA 19 EXISTING LOA 21 EXISTING LOA 23 EXISTING LOA 25 SPARE 27 SPARE 29 SPARE 31 RECEPTACLE 33 RECEPTACLE 33 RECEPTACLE 34 RECEPTACLE 35 RECEPTACLE 39 RECEPTACLE 39 RECEPTACLE 39 RECEPTACLE 31 RECEPTACLE 33 RECEPTACLE 34 RECEPTACLE 35 RECEPTACLE 35 RECEPTACLE 36 RECEPTACLE 37 RECEPTACLE 38 RECEPTACLE 39 RECEPTACLE 39 RECEPTACLE 41 RECEPTACLE 43 RECEPTACLE 45 SPARE 51 SPARE 51 SPARE 53 SPARE 53 SPARE 54 SPARE 55 SPARE 57 SPARE 59 SPARE 51 SPARE 53 SPARE 53 SPARE 54 SPARE 55 SPARE 56 SPACE ONLY 61 SPARE 63 SPACE ONLY 65 SPACE ONLY 65 SPACE ONLY 65 SPACE ONLY 67 SPACE ONLY 69 SPACE ONLY 71 SPACE ONLY 71 SPACE ONLY 71 SPACE ONLY 	FING LOAD	20 A	1	1		500			500		1	1	20 A	EXISTING LOAD		4
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9 EXISTING LOA 11 EXISTING LOA 13 EXISTING LOA 13 EXISTING LOA 15 EXISTING LOA 17 EXISTING LOA 19 EXISTING LOA 21 EXISTING LOA 21 EXISTING LOA 23 EXISTING LOA 23 EXISTING LOA 24 EXISTING LOA 25 SPARE 27 SPARE 30 RECEPTACLE 31 RECEPTACLE 33 RECEPTACLE 34 RECEPTACLE 35 RECEPTACLE 37 RECEPTACLE 39 RECEPTACLE 41 RECEPTACLE 43 RECEPTACLE 43 RECEPTACLE 43 RECEPTACLE 43 RECEPTACLE 43 RECEPTACLE 43 SPARE 53 SPARE 54 SPARE 55 SPARE 57 SPARE 57 SPARE 58 SPARE 59 SPARE 51 SPARE 59 SPARE 51 SPARE 51 SPARE 53 SPARE 53 SPARE 54 SPARE 55 SPARE 55 SPARE 57 SPARE 57 SPARE 58 SPARE 59 SPARE 50 SPACE ONLY 59 SPACE ONLY 59 SPACE ONLY 50 SPACE ONLY 51 SPACE ONLY 53 SPACE ONLY 54 SPACE ONLY 55 SPACE ONLY 56 SPACE ONLY 57 SPACE ONLY 58 SPACE ONLY 59 SPACE ONLY 59 SPACE ONLY 50 SPACE ONLY 50 SPACE ONLY 51 SPACE ONLY 52 SPACE ONLY 53 SPACE ONLY 54 SPACE ONLY 55 SPACE ONLY 55 SPACE ONLY 56 SPACE ONLY 57 SPACE ONLY 57 SPACE ONLY 58 SPACE ONLY 59 SPACE ONLY 59 SPACE ONLY 59 SPACE ONLY 50 SPACE ONLY 50 SPACE ONLY 50 SPACE ONLY 50 SPACE ONLY 51 SPACE ONLY 51 SPACE ONLY 52 SPACE ONLY 53 SPACE ONLY 54 SPACE ONLY 55 SPACE ONLY 55 SPACE ONLY 55 SPACE ONLY 56 SPACE ONLY 57 SPACE ONLY 57 SPACE ONLY 58 SPACE ONLY 59 SPACE ONLY 59 SPACE ONLY 50 SPACE ONLY 50 SPACE ONLY 50 SPACE ONLY 50 SPACE ONLY 50 SPACE ONLY 51 SPACE ONLY	FING LOAD	20 A	1	1	500			500			1	1	20 A	EXISTING LOAD		8
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DEMOLITION GENERAL NOTES

CONSTRUCTION.

- A VERIFY EXACT DEMOLITION WITH ARCHITECTURAL DEMOLITION PLAN.
- B VERIFY EXACT SALVAGE REQUIREMENTS WITH OWNER AND/OR ARCHITECT BEFORE DEMOLITION BEGINS.
- C PROVIDE SMOOTH CONCRETE FILL AND PATCH FOR ALL FLOOR MOUNTED OUTLETS BOXES AND FLOOR CHASES NOT BEING REUSED FOR NEW CONSTRUCTION IS COMPLETE.
- D REMOVE ALL ELECTRICAL DEVICES IN WALLS TO BE REMOVED DURING CONSTRUCTION.
- E REMOVE ALL ELECTRICAL DEVICES INTERFERING WITH NEW WALL CONSTRUCTION. F REMOVE AND RECONNECT ANY ELECTRICAL DEVICES INTERFERING WITH CONSTRUCTION BUT REUSED AFTER
- DEMOLITION NOTES INDICATED BY "
- 1 EXISTING SUPPLY/RETURN AIR LIGHT FIXTURE TO BE RELOCATED. REFER TO LIGHTING PLAN FOR NEW LOCATION. (TYPICAL FOR ALL).
- 2 EXISTING SUPPLY/RETURN AIR LIGHT FIXTURE TO REMAIN. (TYPICAL FOR ALL). 3 EXISTING FIRE ALARM DEVICE TO BE REMOVED AND/OR RE-USED. REFER TO THE ELECTRICAL PLAN FOR NEW FIRE ALARM DEVICE LOCATIONS. (TYPICAL FOR ALL).
- 4 EXISTING EXIT SIGN TO REMAIN AS EXISTING. (TYPICAL).
- 5 EXISTING FIRE ALARM DEVICE TO REMAIN AS EXISTING. (TYPICAL).
- 6 EXISTING COMMUNICATIONS RACK TO REMAIN. ADD ADDITIONAL PATCH PANELS TO EXISTING RACK TO SERVE NEW COMMUNICATIONS OUTLETS. REFER TO POWER AND COMMUNICATIONS DRAWINGS.
- 7 EXISTING PANEL "PBL" TO BE REPLACED WITH NEW PANEL "PBL". EXTEND AND RECONNECT ALL EXISTING CIRCUITS AS INDICATED ON THE PANEL SCHEDULE.
- 8 APPROXIMATE LOCATION OF EXISTING FIRE ALARM REMOTE POWER SUPPLY.

LIGHTING GENERAL NOTES

- A VERIFY THE EXACT LOCATION OF ALL LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN. B INSTALL A CONTINUOUS, NON-SWITCHED HOT CONNECTION TO ALL NEW EMERGENCY DRIVERS AND EXIT SIGNS.
- CONNECT ALL EXIT SIGNS TO THE NEAREST CONTINUOUSLY HOT LIGHTING CIRCUIT. C VERIFY THE EXACT MOUNTING HEIGHT OF ALL WALL MOUNTED LIGHT FIXTURES WITH THE ARCHITECTURAL ELEVATIONS.
- D ALL OCCUPANCY SENSORS, WITH THE EXCEPTION OF THE FOLLOWING LOCATIONS, SHALL BE SET TO VACANCY MODE FOR MANUAL ON-AUTOMATIC OFF: CORRIDORS, STAIRS, RESTROOMS, BUILDING PRIMARY ENTRANCES, LOBBIES AND OTHER AREAS AS INDICATED ON THE PLAN.
- E CLASS 2, LOW VOLTAGE LIGHTING CONTROL CONDUCTORS SHALL BE INSTALLED IN CONDUIT ABOVE NON-ACCESSIBLE CEILINGS AND WHERE VISIBLE ABOVE OPEN CEILING SPACES OR SPACES WITHOUT CEILINGS. CIRCUITS INDICATED TO EXISTING PANELS ARE FOR GROUPING AND REFERENCE ONLY. RE-USE EXISTING 20A-1P CIRCUIT BREAKERS AND PROVIDE NEW 20A-1P CIRCUIT BREAKERS AS NECESSARY TO SERVE CIRCUITS INDICATED.
- VERIFY CIRCUIT NUMBERS AND ALL EXISTING PANEL CONDITIONS AT THE JOBSITE. PROVIDE UPDATED CIRCUIT DIRECTORIES FOR ALL EXISTING PANELS INDICATING REVISED CIRCUIT LOCATIONS.

LIGHTING NOTES INDICATED BY " () "

- 1 EXISTING LIGHT FIXTURE SWITCHING TO BE REROUTED THROUGH NEW OCCUPANCY SENSOR SWITCH PACK. VERIFY EXACT EXISTING CONDITION AT JOBSITE.
- 2 EXISTING RELOCATED SUPPLY/RETURN AIR LIGHT FIXTURE. RECONNECT TO EXISTING CIRCUIT AS EXISTING. PROVIDE NEW SWITCHING AS INDICATED. (TYPICAL FOR ALL).
- 3 NO WORK IN THIS AREA.
- 4 EXISTING EXIT SIGN TO REMAIN AS EXISTING. (TYPICAL).
- 5 MAINTENANCE SWITCH TO CONTROL LIGHT FIXTURES DOWNSTREAM OF OCCUPANCY SENSOR SWITCH PACK.

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POWER & COMMUNICATIONS GENERAL NOTES

- A PROVIDE 3/4" CONDUIT TO 6" ABOVE THE NEAREST ACCESSIBLE CEILING AT EACH COMMUNICATIONS DEVICE INDICATED. PROVIDE TWO CATEGORY 6 TERMINATED AND TESTED COMMUNICATIONS DEVICES AT EACH LOCATION INDICATED. PROVIDE NEW PATCH PANELS IN THE EXISTING COMMUNICATIONS RACK AS NOTED AND REQUIRED. ALL COMMUNICATIONS SYSTEM WIRING AND DEVICES SHALL BE INSTALLED AS PER THE UTPB COMMUNICATIONS SYSTEM STANDARD SPECIFICATION.
- B VERIFY ALL DEVICE MOUNTING HEIGHTS FOR DEVICES LOCATED IN MILLWORK WITH ARCHITECTURAL ELEVATIONS. FOR ALL DEVICES NOT INDICATED ON THE ARCHITECTURAL ELEVATIONS, VERIFY THE EXACT LOCATION AND MOUNTING HEIGHT WITH THE ARCHITECT PRIOR TO INSTALLATION.

C VERIFY THE EXACT LOCATION OF ALL FLOOR MOUNTED DEVICES WITH THE ARCHITECT AND/OR OWNER PRIOR TO

- ROUGH-IN INSTALLATION. D PROVIDE ALL LABOR AND MATERIALS NECESSARY TO CONNECT ALL 120V POWERED PLUMBING VALVES INDICATED ON THE PLUMBING DRAWINGS OR SPECIFIED IN THE PLUMBING SPECIFICATIONS. VERIFY EXACT REQUIREMENTS WITH THE PLUMBING DRAWINGS AND THE PLUMBING CONTRACTOR. PROVIDE ALL CONNECTIONS TO THE PLUMBING VALVES AND ASSOCIATED POWER SUPPLIES AS DIRECTED BY THE VALVE MANUFACTURER. CONNECT THE PLUMBING VALVE POWER SUPPLIES TO THE 120V RECEPTACLE CIRCUIT INDICATED IN THE ASSOCIATED RESTROOM.
- E THE WORK INDICATED ON THIS SHEET IS ONLY A PORTION OF THE COMPLETE WORK TO BE COMPLETED BY THE DIVISION 16 CONTRACTOR. REFER TO THE AUDIO VISUAL DRAWINGS FOR ADDITIONAL WORK REQUIRED. VERIFY THE EXACT LOCATION, MOUNTING HEIGHTS AND CONNECTION REQUIREMENTS OF ALL AUDIO VISUAL EQUIPMENT WITH THE AUDIO VISUAL DRAWINGS. PROVIDE ALL CONNECTIONS REQUIRED FOR COMPLETE OPERATION OF AUDIO VISUAL PRESENTATION SYSTEM.
- F ALL NEW DEVICES INSTALLED ON EXISTING RELOCATED VIRGINIA WALLS SHALL BE INSTALLED WITH METAL SURFACE BOXES AND RACEWAY.

POWER & COMMUNICATIONS NOTES INDICATED BY "

- 1 RECEPTACLE AND COMMUNICATIONS/VIDEO OUTLET AT 60" AFF TO SERVE WALL MOUNTED VIDEO MONITOR. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH THE ARCHITECT AND/OR OWNER PRIOR TO INSTALLATION. INSTALL 1" CONDUIT FROM THE VIDEO OUTLET TO 6" ABOVE THE CEILING. 2 J-BOX TO SERVE AV INPUT WIRING. INSTALL 1" CONDUIT TO 6" ABOVE THE CEILING.
- NEW PANEL "PBL" INSTALLED IN EXISTING PANEL "PBL" LOCATION. CONNECT EXISTING FEEDER TO NEW PANEL. EXTEND AND RECONNECT EXISTING LOADS TO NEW PANEL AS INDICATED ON THE PANEL SCHEDULE.
- 4 EXISTING DATA COMMUNICATIONS RACK LOCATION. PROVIDE NEW PATCH PANELS IN EXISTING RACK AS NECESSARY TO TERMINATE ALL NEW CAT 6 COMMUNICATIONS OUTLETS. REFER TO GENERAL NOTE A.

FIRE ALARM GENERAL NOTES

DEVICES.

- A THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN AND FUNCTION AS EXISTING. PROVIDE ALL LABOR AND MATERIALS NECESSARY TO CONNECT ALL NEW FIRE ALARM DEVICES INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS TO THE EXISTING FIRE ALARM CONTROL PANEL. THIS SHALL INCLUDE, BUT NOT LIMITED TO, POWER SUPPLIES, RELAY MODULES, CONTROL MODULES, ADDRESSABLE LOOP MODULES OR ANY OTHER COMPONENT NECESSARY FOR THE COMPLETE AND CERTIFIABLE OPERATION OF THE FIRE ALARM SYSTEM. VERIFY ALL EXISTING CONDITIONS ASSOCIATED WITH THE EXISTING FIRE ALARM SYSTEM AT THE JOBSITE PRIOR TO BIDDING. PROVIDE NEW FIRE ALARM DEVICES TO MATCH THE EXISTING FIRE ALARM DEVICES. PROVIDE CONTROL WIRING IN 3/4" CONDUIT FROM EACH NEW DEVICE TO THE NEAREST INITIATING / INDICATING CIRCUIT AND CONNECT FOR COMPLETE OPERATION. COORDINATE ALL FIRE ALARM SYSTEM WORK WITH THE OWNER AND PROVIDE MINIMUM 72 HOUR NOTICE FOR ALL FIRE ALARM SERVICE INTERRUPTIONS. ALL NEW FIRE ALARM WORK SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND THE INTERNATIONAL FIRE CODE. PROVIDE A COMPLETE RE-CERTIFICATION OF THE FIRE ALARM SYSTEM AFTER THE INSTALLATION OF THE NEW FIRE ALARM
- B PROVIDE ALL FIRE ALARM WIRING IN 3/4" CONDUIT. PROVIDE COMPLETE CONDUIT LAYOUT WITH FIRE ALARM SUBMITTAL.
- SMOKE DAMPERS TO THE FIRE ALARM CONTROL SYSTEM. D REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF ALL TEMPERATURE CONTROL DEVICES.

FIRE ALARM NOTES INDICATED BY "

- 1 NEW OR RELOCATED FIRE ALARM DEVICE. PROVIDE CONTROL WIRING IN 3/4" CONDUIT TO NEAREST INITIATING/INDICATING FIRE ALARM SYSTEM JUNCTION BOX. CONNECT DEVICE FOR COMPLETE OPERATION. (TYPICAL FOR ALL).
- 2 EXISTING FIRE ALARM DEVICE TO REMAIN AS EXISTING. (TYPICAL FOR ALL).

C VERIFY THE EXACT LOCATION AND QUANTITY OF ALL SMOKE DAMPERS WITH MECHANICAL DRAWINGS. CONNECT ALL

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