

KEY NOTE REFERENCE

PIPING RISER#

- Plan Number

SHEET NUMBER

SECTION LETTER

OCCURED

\ x /

PIPING RISER CALLOUT (CHW; HW)

SHEET NUMBER WHERE PLAN SHOWN

DETAIL OR DIAGRAM NUMBER

WHERE DETAIL/DIAGRAM SHOWN

SHEET NUMBER WHERE SECTION SHOWN

REVISION NUMBER - DENOTES NUMBER

AND DATE WHEN REVISION OR ISSUE

- REVISION CLOUD - DENOTES AREA OF

DETAIL REFERENCE OUTLINE WITH NUMBER AND SHEET LOCATION

DUCTWORK ACCESSORIES PROJECT SPECIFIC SUPPLY GRILLE RETURN OR EXHAUST GRILLE VOLUME DAMPER MOTOR OPERATED DAMPER AIRFLOW MONITOR REMOTELY OPERATED VOLUME DAMPER (YOUNG REGULATOR OR APPROVED) BACK DRAFT DAMPER COORDINATE WITH CEILING APPURTENANCES FLEX CONNECTION FIRE DAMPER THROUGH WALL FIRE DAMPER THROUGH FLOOR FIRE/SMOKE DAMPER THROUGH WALL FIRE/SMOKE DAMPER THROUGH FLOOR AD ACCESS DOORS ACOUSTICALLY LINED DUCT (X" THICK 12x12 XSL SOUND LINING) CHANGE OF ELEVATION RISE(R) DROP(D) TURNING VANES RETURN / EXHAUST / OUTSIDE AIR SUPPLY / TRANSFER AIR SUPPLY AIR DUCT TURNING UP OR TOWARD SUPPLY AIR DUCT TURNING DOWN OR AWAY

RETURN AIR DUCT

RETURN AIR DUCT

EXHAUST AIR DUCT

EXHAUST AIR DUCT

SUPPLY AIR DUCT

SUPPLY AIR DUCT

RETURN AIR DUCT

RETURN AIR DUCT

TURNING DOWN OR

EXHUAST AIR DUCT

EXHAUST AIR DUCT

TURNING DOWN OR

SUPPLY AIR DUCT

SUPPLY AIR DUCT TURNING DOWN OR AWAY

FLEXIBLE DUCT

TURNING UP OR TOWARD

TURNING UP OR TOWARD

TURNING UP OR TOWARD

AWAY

TURNING DOWN OR

TURNING UP OR TOWARD

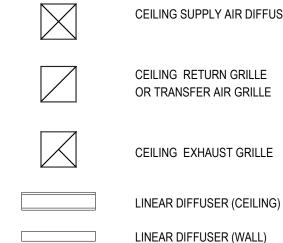
TURNING DOWN OR AWAY

TURNING UP OR TOWARD

TURNING DOWN OR AWAY

TURNING UP OR TOWARD

PROJECT SPECIFIC CEILING SUPPLY AIR DIFFUSER



 EQUIPMENT DESIGNATION — CONSECUTIVE LOCATION

— TYPE CODE — WIDTH — HEIGHT SWG-WxH x CFM

GRILLE/REGISTER/DIFFUSER

LOUVER PLAN VIEW LOUVER (ELEVATION VIEW)

HVAC - ANNOTATION

EQUIPMENT / LOUVER TAG EQUIPUIPMENT # FLOOR OF EQUIP.

GRILLE, REGISTER, OR DIFFUSER TAG

MECHANICAL INDEX

MECHANICAL LEGEND, MAP, B.O.D. & ABBREVIATIONS SPECIFICATIONS AND SCHEDULE PARTIAL MECHANICAL FLOOR PLAN AND PARTIAL ROOF PLAN S-001 STRUCTURAL DETAIL AND EQUIPMENT DATA SHEET



5005 3RD AVENUE S PO BOX 24567 SEATTLE, WA 98124 1-800-669-6223

www.mckinstry.com

PUYALLUP HS

SERVER RM **SPLIT SYSTEM**

105 7TH St. S.W. PUYALLUP, WA. 98371

CONSULTANTS:

City of Puyallup

Building

APPROVED

See permit

for additional

requirements.

JMontgomery

11/23/2022

6:56:02 AM

PRMH20221752

W Pioneer Ave

GENERAL NOTES

1. VERIFY LOCATIONS AND DIMENSIONS OF ALL EQUIPMENT AND COORDINATE ALL WORK PRIOR TO START OF CONSTRUCTION.

PROJECT SITE

- 2. OBTAIN APPROVAL OF STRUCTURAL ENGINEER PRIOR TO INSTALLATION OF PENETRATIONS NOT PREVIOUSLY COORDINATED OR AGREED UPON, I.E. ANCHOR BOLT DEPTHS, ETC.
- 3. CONCRETE EQUIPMENT CURBS, PIPING RAT SLABS, SUMP BASINS, AND HOUSEKEEPING PADS ARE SHOWN FOR APPROXIMATE LOCATION AND SIZE AND ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR. WHERE PROVIDED, REFER TO STRUCTURAL INFO FOR ADDITIONAL DETAILS.
- 4. HVAC EQUIPMENT SHALL NOT BE SIZED LARGER THAN THE NEXT LARGEST SIZE BASED ON LOAD CALCULATION, WSEC C403.2.2.
- 5. OCCUPIED SPACES ARE MECHANICALLY VENTILATED. SYSTEMS ARE DESIGNED TO PROVIDE MINIMUM OUTSIDE AIR PER MECHANICAL CODE AND SHALL NOT EXCEED 150% CALCULATED VALUE, WSEC 403.2.6 & 403.2.11.4.
- 6. COMPLETION AND COMMISSIONING FOR MECHANICAL SYSTEMS:
- A. MECHANICAL SYSTEMS, EQUIPMENT AND CONTROL SHALL BE COMMISSIONED PER WSEC
- B. COMMISSIONING PLAN IS REQUIRED TO BE PREPARED BY CERTIFIED COMMISSIONING PROFESSIONAL AND SUBMITTED TO THE AHJ PRIOR TO FIRST MECHANICAL INSPECTION, PER WSEC 408.1.2. INCLUDE NARRATIVE OF ACTIVITIES, RESPONSIBILITIES OF Cx TEAM, SCHEDULE OF ACTIVITIES AND CONFLICT OF INTEREST PLAN.
- a. PROVIDE SUMMARY OF REPORT OR COMPLIANCE CHECKLIST (SEE C408.1.4.2) AND PROVIDE TO OWNER PRIOR TO FINAL MECHANICAL INSPECTION.
- C. BALANCE SYSTEMS TO WITHIN TOLERANCES SPECIFIED. FIRST BALANCE TO MINIMIZE THROTTLING LOSSES THEN TO MEET DESIGN FLOW, WSEC 408.2.2.
- PROVIDE TESTING AND BALANCING PER WSA IMC 401.7 AND 403.3.1.5. D. PROVIDE RECORD DRAWINGS OF THE ACTUAL INSTALLATION TO THE OWNER PER WSEC
- E. PROVIDE MAINTENANCE MANUALS FOR ALL MECHANICAL EQUIPMENT, WSEC C103.6.
- F. PROVIDE OWNERS OPERATING PERSONNEL TRAINING FOR MECHANICAL EQUIPMENT, WSEC
- G. PROVIDE WSEC COMPLIANCE FORMS AND CALCULATIONS, WSEC C103.6.
- MINIMUM VENTILATION QUANTITIES WILL COMPLY WITH OR EXCEED THE 2018 INTERNATIONAL MECHANICAL CODE.
- 8. ALL SYSTEMS WILL BE INSULATED AS PRESCRIBED IN WSEC C403.2.8.1.
- 9. VERIFY THAT ALL NECESSARY INFORMATION HAS BEEN PROVIDED PRIOR TO CONNECTION OF EQUIPMENT FURNISHED BY THE OWNER OR OTHERS.
- 10. FOR ADDITIONAL SYSTEM AND EQUIPMENT SEISMIC REQUIREMENTS, REFER TO STRUCTURAL
- SEISMIC TIE-DOWN INFORMATION AND BACK-UP CALCULATIONS ARE PROVIDED SEPARATELY. 11. REFER TO CIVIL DRAWINGS FOR UTILITY WORK 5'-0" BEYOND THE BUILDING LINE.
- 12. ALL WORK SHALL BE NEW AND PROVIDED UNDER THIS CONTRACT UNLESS SPECIFICALLY MARKED AS EXISTING, EXIST, OR (E).

VICINITY MAP

LEGAL DESCRIPTION

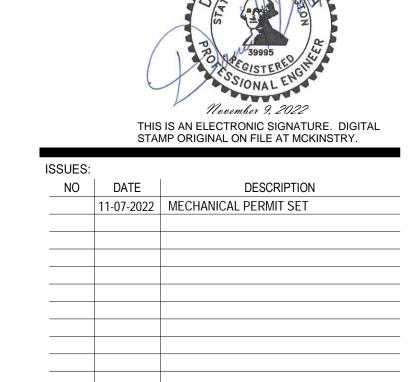
PARCEL NUMBER: 5870000151

THE APPROVED CONSTRUCTION PLANS, DOCUMENTS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND I **ACCESSIBLE LOCATION**

FULL SIZED LEDGIBLE COLOR PL REQUIRED TO BE PROVIDED BY PERMITEE ON SITE FOR INSPECT

City of Puyallup Development & Permitting Services ISSUED PERMIT		
Building	Planning	
Engineering	Public Works	
Fire	Traffic	

READILY	STY OF PUVAL
LANS ARE THE TION	WASHIN
vices	REGISTRATION:
g	



DESIGNED:	A. SADIGH	
DRAWN:	A. SADIGH	
CHECKED:	D. MA	
JOB NO:	123130-001	
ISSUED ON:		
SHEET TITLE:		

MECHANICAL LEGEND, ABBREVIATIONS, VICINITY MAP & B.O.D.

SHEET NUMBER:

DEMOLITION NOTES

- 1. DEMOLITION DRAWINGS ARE INCLUDED TO GIVE A COMMON BASIS FOR BIDDING AND MAY NOT SHOW EVERY ITEM TO BE DEMOLISHED. VISIT SITE TO DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACEPLATE WORK INDICATED BY THE CONTRACT DOCUMENTS. REWORK EXISTING TERMINATIONS, CONNECTIONS, ETC., TO ACCEPT NEW WORK. PRIOR TO START OF ANY DEMO WORK, VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.
- 2. REMOVE EXISTING HVAC EQUIPMENT AS INDICATED, INCLUDING ASSOCIATED PIPING, CONTROL SYSTEMS,
- 3. REMOVE EXISTING DUCTWORK AS INDICATED. CAP EXISTING OPENINGS NOT BEING REUSED.
- 4. REMOVE EXISTING PIPING SERVING ITEMS TO BE REMOVED. CAP OR PLUG BRANCH LINES NOT BEING
- 5. GIVE OWNER THE OPPORTUNITY TO RETAIN ANY REMOVED ITEMS THAT ARE NOT BEING REUSED. DISPOSE OF OTHER ITEMS LEGALLY.
- 6. CLEAN AND REFURBISH ITEMS INDICATED TO BE REMOVED AND REUSED PRIOR TO REUSE.

ITEM#	SYSTEM	CRITERIA	CRITERIA SOURCE
CODE BASI	S FOR PROJECT		
1-1	CODE	2018 WASHINGTON STATE MECHANICAL CODE	PUYALLUP
1-2	CODE	2018 WASHINGTON STATE ENERGY CODE	PUYALLUP
1-3	CODE	2018 INTERNATIONAL PLUMBING CODE	PUYALLUP
BASIS FOR	LOAD CALCULATIONS		
2-1	OUTDOOR TEMPERATURE	WINTER OSA DESIGN TEMP = 29°F DB	2018 WASHINGTON STATE ENERGY CODE
2-2	OUTDOOR TEMPERATURE	SUMMER OSA COOLING DESIGN TEMP = 83°F DB, 64°F WB;	2018 WASHINGTON STATE ENERGY CODE
2-3	INDOOR DESIGN CRITERIA	COOLING = 72°F	DESIGN VALUE
2-4	EQUIPMENT (PLUG) LOADS	SERVER RACKS IN STORAGE AREA (3-RACKS 2300 WATTS EACH)	OWNER CRITERIA
BASIS FOR	SCOPE OF WORK		
3-1	EXISTING CONDITION	THERE ARE (3) SERVER RACKS IN EXISTING STORAGE ROOM. THE SERVERS ARE LOCATED IN CHAINLINK FENCE AREA. THERE IS NO MECHANICAL COOLING IN SPACE TO PROVIDE COOLING FOR SERVER EQUIPMENT.	DESIGN APPROACH
3-2	NEW MECHANICAL	PROVIDE AND INSTALL (1) 3- TONS SPLIT COOLING SYSTEM :3-TONS INDOOR WALL MOUNTED FAN COIL UNIT (FCU-01) WITH 3-TONS OUTDOOR CONDENSER (CU-01).	DESIGN APPROACH
3-3	INSTALLATION	1) INSTALL (1) NEW WALL MOUNTED FAN COIL (FCU-01) FACING TO THE FRONT OF THE SERVERS. 2) INSTALL OUTDOOR CONDENSER (CU-01) ON BRACKET AND ATTACH SEISMICALLY TO THE OUTSIDE WALL. 3) INSTALL REFRIGERANT SUCTION AND LIQUID LINES FROM CONDESING UNIT TO INDOOR FAN COIL UNIT. 5) INSTALL CONDENSATE PIPING FROM INDOOR UNIT AND ROUTE TO EXISTING FLOOR DRAIN IN MECHANICAL ROOM.	DESIGN APPROACH
3-4	CONTROLS	STANDALONE, THERMOSTATIC CONTROL.	DESIGN APPROACH

3-5 ECONOMIZER | ECONOMIZER IS NOT REQUIRED PER EXCEPTION 1, C503.4.2 OF 2018 WSEC (TOTAL COOLING OF SPACE IS 24,000 BTUH). 2018 WSEC

HVAC PIPING SPECIFICATION

			PRESSURE TEST PROCEDURI
CATEGORY	SERVICE DESCRIPTION	MANUFACTURER, PRODUCT OR EQUAL	MEDIA TEST DURATION PRESSURE
CONDENSATE DRAIN	CONDENSATE DRAIN FROM EQUIPMENT COIL DRAIN PANS		
PIPE IDENTIFICATION MARKER	WHITE LETTERING ON GREEN BACKGROUND - ANSI/ASME A 13.1 - 2007	HANPLY (HANSEN SUPPLY), MARKING SERVICES INC. MS-970 (INDOOR); MS-995 (OUTDOOR); DURALABEL	
DESIGN OPERATING PRESS & TEMP	ATMOSHPHERIC		PLUG OUTLET
SIZES THRU 2"			AND FILL SYSTEM MIN 15
PIPE MATERIAL	COPPER TUBE TYPE L ASTM B88	-	WATER FROM LOWEST MINUTES; TO HIGHEST VISUAL CHEC
JOINTS	SWT, THREADED AT SPECIALTIES AS APPLICABLE	-	POINT OF TEST FOR LEAKS
FITTINGS	WROT COPPER/BRONZE SWT JOINT	-	SECTION
COUPLINGS	WROT COPPER/BRONZE SWT JOINT	-	
REFRIGERANT LIQUID / REFRIGERANT SUCTION	REFRIGERANT PIPING FOR HEATING AND COOLING		
PIPE IDENTIFICATION MARKER	BLACK LETTERING ON ORANGE BACKGROUND - ANSI/ASME A 13.1 - 2007	HANPLY (HANSEN SUPPLY), MARKING SERVICES INC. MS-970 (INDOOR); MS-995 (OUTDOOR); DURALABEL	
RATED OPERATING PRESS & TEMP	PER ASTM B31.5 REFRIGERATION PIPING AND HEAT TRANSFER COMPONENTS		
SIZES THRU 1 1/8"			INERT GAS - 1.5 TIMES NITROGEN OR PRESSURE 1 HOUR
PIPE MATERIAL	PRE-INSULATED COPPER TUBING ON ROLLS, ASTM-B280 - SEALED AND CAPPED AT ENDS	PDM - GELCOPPER PRE-INSULATED COPPER ROLL (1/4" - 1- 1/8")	NITROGEN OR PRESSURE 1 HOUR CARBON RELIEF VALVE 1 HOUR
	POLYETHYLENE CLOSED CELL FOAM - ASTM C 1427 COMPLIANT - UL94 & UL 723 (FLAME SPREAD<25 & SMOKE DEVELOPMENT <50)		CARBON RELIEF VALVE DIOXIDE SETTING
	I POLITETITILENE OLOGED CELL FOANT - AGTINI C. 1427 CONTENTINI - UL94 & UL 723 (FLANTE GENERAD 23 & SINONE DEVELOPINIENT SOU)		
INSULATION		-	
	SILVER BRAZED AND NITROGEN PURGE PER ASTM B828, WROT COPPER/BRONZE SWT JOINT PER ASTM B16.22;	-	

MECHANICAL PIPE	: INSULATION SC	HEDULE - WAS	SHINGTON							
FROM 2018 WSEC TABLE C403.1	0.3									
SPECIFICATION: 230700 HVAC INSU	ILATION									
PIPING	TEMP RANGE	THERMAL	MEAN RATING	INSULATION						
SYSTEM	(Deg F)	COND.	TEMPERATURE	MATERIAL	<1"	1" TO <1-1/2"	1 1/2" TO 4"	4" - 8"	OVER 8"	NOTES
REFRIGERANT SUCTION	< 40	0.20 - 0.26	75	Е	0.5	1.0	1.0	1.0	1.0	1, 3, 4, 10
REFRIGERANT HOT-GAS	141-200	0.25 - 0.29	125	Е	1.5	2.0	2.0	20.0	1.0	1, 3, 4, 10, 12

E: ELASTORMERIC CLOSED CELL INSULATION

KEY NOTES:

- 1. FOR PIPING CLAMPED TO UNISTRUT SUPPORTS, UTILIZE RIGID INSERTS WITH SHEETMETAL SHIELDS CONTINUOUS THROUGH THE HANGER; UTILIZE CALCIUM SILICATE INSERTS OR STYRENE INSERTS
- 4. JACKETING: ALUMINUM ROLLED JACKETING (ARJ) APPLIED TO EXTERIOR PIPING INSULATION EXPOSED TO WEATHER (I.E. ROOFTOP PIPING). SEE INSULATION SPEC FOR ALTERNATE JACKETING AND LOCATIONS. 10. ASTM E 84 OR UL 723 TESTED TO FLAME SPREAD INDEX OF 25 AND SMOKE DEVELOPED INDEX OF NOT EXCEEDING 450
- 12. REFRIGERANT HOT-GAS INSULATION FOR PERSONNEL PROTECTION ONLY, NOT REQUIRED BY ENERGY CODE AND MAY USE 1/2" E INSULATION FOR ALL SIZES . MANUFACTURER'S LINE SETS MAY BE USED IN LIEU OF ELASTOMERIC INSULATION AND MUST MEET ENERGY CODE AND SMOKE & FLAME REQUIREMENTS.

UNIQUE TAG #	FCU-01	CU-01
LOCATION	SERVER RM	OUTSIDE W.
QUANTITY	1	1
SCOPE QUALIFIER (PROJECT PHASE, FUTURE, ALTERNATE, ETC)	PROJECT PHASE	PROJECT PH
TYPE AND ARRANGEMENT (INDOOR/OUTDOOR, HORIZONTAL/VERTICAL)	INDOOR	OUTDOOI
AREA / SYSTEM SERVED	SERVER	RM
MANUFACTURER DATA		
STATUS (AS PROPOSED, AS APPROVED, AS BUILT)	AS PROPOSED	AS PROPOS
MANUFACTURER	MITSUE	ISHI
MODEL NUMBER (OR CUSTOM)	PKA-A36KA7	PUY-A36NK
OVERALL PHYSICAL DIMENSIONS		
LENGTH x WIDTH x HEIGHT (IN)	46-1/16 x 11-5/8 x 14-3/8	41-15/16 x13 x 5
ACCESS RESTRICTIONS: (FRONT / REAR / LEFT / RIGHT / TOP), EXPLANATION	21"x 1"x2"x0"	20"X8"X4"X14
OPERATING WEIGHT, INCLUDE BASE WEIGHT (LBS)	46	211
FACTORY CURB	NO	NO
SITE BUILT CURB OR PAD BY	NONE	WALL BRAC
SIZE & TYPE OF EACH SUCTION PIPE CONN. (IN, CTS)	BRAZED & 5/8	BRAZED &
SIZE & TYPE OF EACH LIQUID PIPE CONN. (IN, CTS)	BRAZED & 3/8	BRAZED &
CONDENSATE DRAIN CONNECTION SIZE (IN)	3/4	3/4
FILTRATION		
FILTER SECTION (FLAT, V-BANK, OR NONE)	WASHABLE	-
DIRECT REFRIGERANT EXPANSION (DX) COOLING COIL		
REFRIGERANT TYPE USED IN COIL	R-410A	R-410A
QUANTITY OF REFRIGERANT (LBS)	10 LBS-6 OZ	
DESIGN COOLING OUTDOOR AMBIENT AIR DRYBULB TEMP. (°F)	-	86
COOLING COIL ENTERING AIR DRYBULB / WETBULB TEMP. (°F / °F)	78/67	-
COOLING COIL LEAVING AIR DRYBULB TEMPERATURE (°F)	55.0	_
DX COOLING COIL MAX/MIN TOTAL (MBH)	36/16	-
FAN CFM	705-810-920	3880
FAN MOTOR TYPE	DC MOTOR	1/8
SUCTION PIPE CONNECTION SIZE AND TYPE (IN, CTS)	5/8	-
LIQUID PIPE CONNECTION SIZE AND TYPE (IN, CTS)	3/8	_
DX COOLING COIL ROWS / FIN SPACING	-	-
DX COOLING COIL FACE AREA (FT²)	-	-
REFRIGERANT CONTROL	LEV	
SEER @ ARI CONDITIONS	-	18.8
SEER MINIMUM REQUIRED PER CODE	-	13
CONDENSATE PUMP INCLUDED	YES	-
LOW AMBIENT OPERATION MINIMUM TEMPERATURE (°F)		0
ELECTRICAL		
QUANTITY OF ELECTRICAL CONNECTIONS	1	1
VOLTAGE / PHASE	-	208-230/1
MINIMUM CIRCUIT AMPACITY (MCA) (AMPS)		25
OVERCURRENT PROTECTION (INDICATE MOCP OR MFS)		31
ALTERNATE POWER SOURCE REQUIRED	NO	NO
SMOKE DETECTOR PROVIDED AND WIRED BY ELECT? (RETURN, SUPPLY, NONE)	NONE	NA
MINIMUM SHORT CIRCUIT CURRENT RATING (SCCR) (AMPS)	-	5000
STARTER PROVIDED BY	NONE	NONE
DISCONNECT PROVIDED BY	ELECTRICAL	ELECTRICA
VARIABLE FREQUENCY DRIVE PROVIDED BY	NONE	NONE
CODE REQUIRED ELECTRICAL OUTLET PROVIDED BY	ELECTRICAL	ELECTRICA
CONTROLS		
CONTROL METHOD	FACTORY CONTRO	L- KUMO CLOUD
CONTROLS INTERFACE / PROTOCOL	STAND ALONE-T	HERMOSTAT
ACOUSTICAL & SEISMIC		
SOUND PRESSURE LEVEL dBA(A)	42	52
QUANTITY OF SEISMIC ATTACHMENTS (PER UNIT) TO STRUCTURE	NONE	SEE STRUCTURA
MANUFACTURER'S CERTIFICATE OF COMPLIANCE INCLUDED PER IBC 1708.4	YES	YES
NOTES:	3	1,2
1. PROVIDE WITH BRACKET FOR STRUCTURAL ATTACH TO THE WALL.		•



5005 3RD AVENUE S PO BOX 24567 SEATTLE, WA 98124 1-800-669-6223

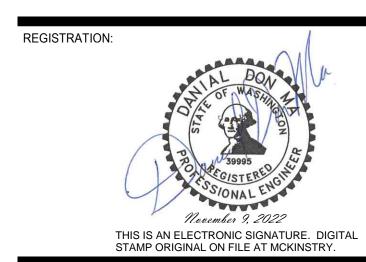
PUYALLUP HS

SERVER RM SPLIT SYSTEM

105 7TH St. S.W. PUYALLUP, WA. 98371

PRMH20221752

City of P Development & Po ISSUED	- 77 / -
Building	Planning
Engineering	Public Works
Fire	Traffic

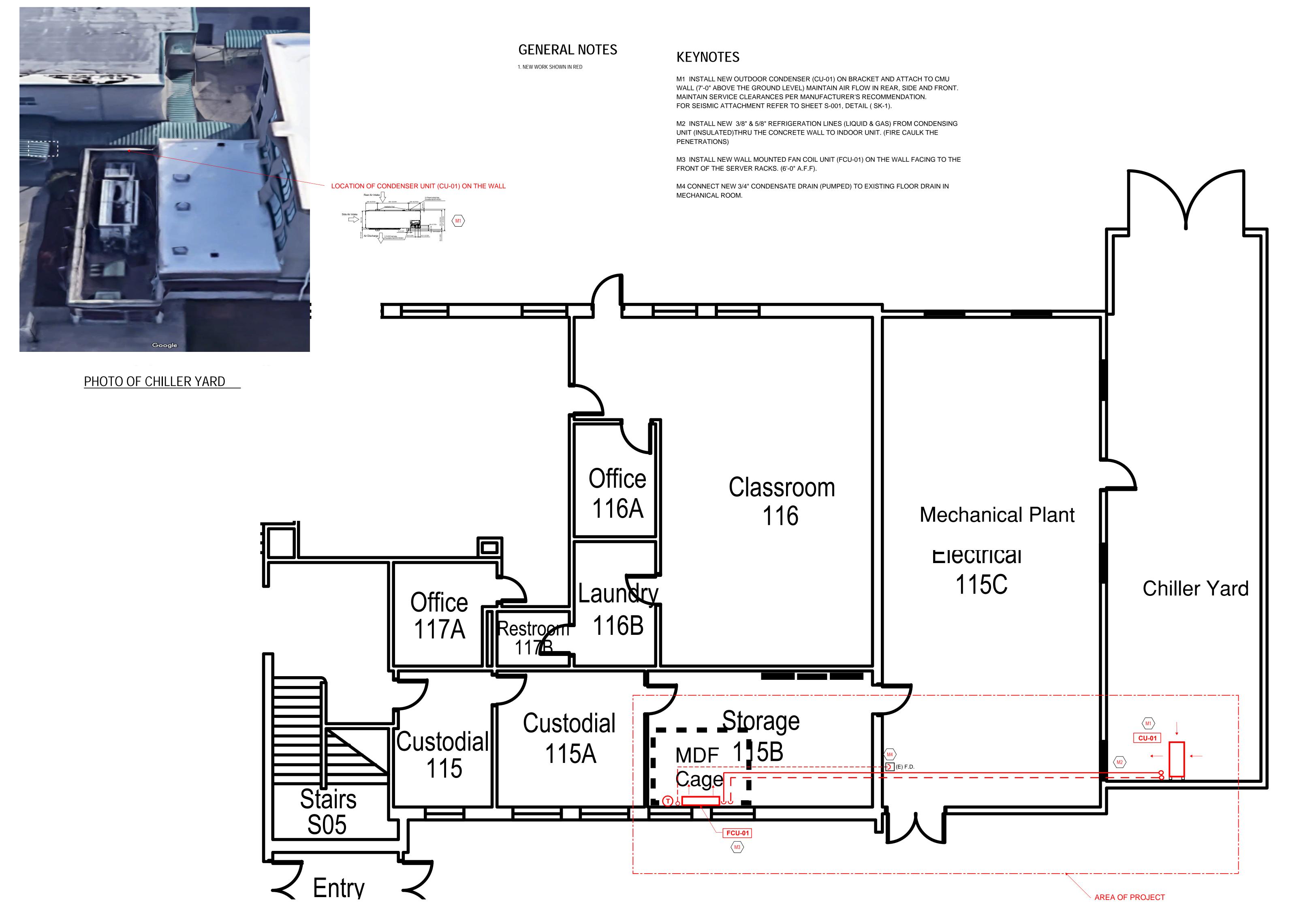


	STAMP ORIGINAL ON FILE AT MCKINSTRY.			
ISSUES:				
NO	DATE	DESCRIPTION		
	11-07-2022	MECHANICAL PERMIT SET		
-				

DESIGNED:	A. SADIGH
DRAWN:	A. SADIGH
CHECKED:	D. MA
JOB NO:	123130-001
ISSUED ON:	
SHEET TITLE:	

SCHEDULE AND SPECIFICATIONS

SHEET NUMBER:



1 PARTIAL MECHANICAL FLOOR PLAN
SCALE: 1//4" = 1'-0"



SEATTLE: 5005 3RD AVE SW SEATTLE, WA 98134 206-762-3311 www.mckinstry.com

PROJECT:

PUYALLUP HS

SERVER RM SPLIT SYSTEM

105 7TH St. S.W. PUYALLUP, WA. 98371

CONSULTANTS:

PRMH20221752

City of P Development & Pe ISSUED	ermitting Services
Building	Planning
Engineering	Public Works
Fire OF W	Traffic

REGISTRA



SUES:		
NO	DATE	DESCRIPTION
	11-07-2022	MECHANICAL PERMIT SET

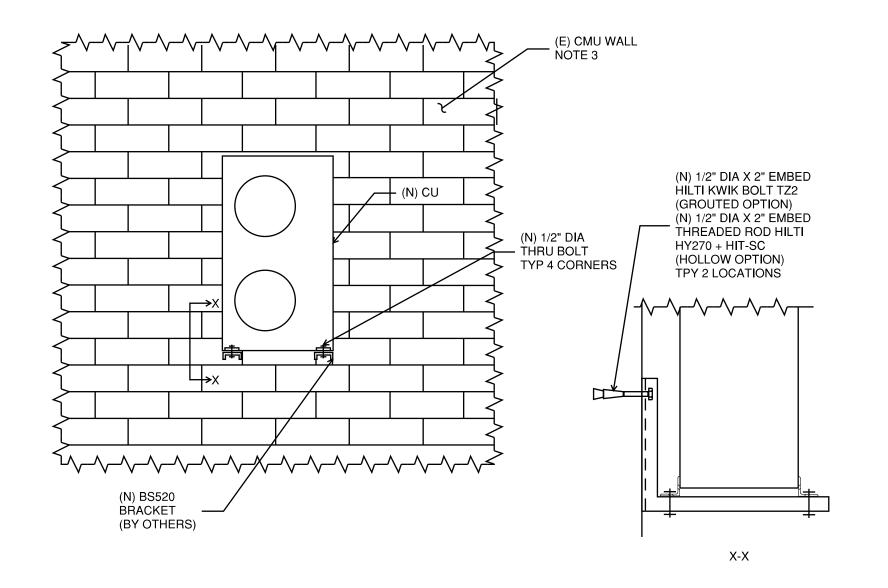
DESIGNED:	A. SADIGH
DRAWN:	A. SADIGH
CHECKED:	D. MA
JOB NO:	123130-001
	<u> </u>

SHEET TITLE:

PATIAL FLOOR PLAN-MECHANICAL

SHEET NUMBER:

M-111



CONNECTION DETAIL

SCALE: NTS NOTES:

NOTES: 1. (N) DENOTES "NEW"; (E) DENOTES "EXISTING".

(N) DENOTES "NEW"; (E) DENOTES "EXISTING".
 SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFO.
 CONTRACTOR TO CONFIRM IF CMU WALL IS GROUTED OR HOLLOW.

	PROJECT:	DESIGNED: HBS	
MCKINSTRY For The Life Of Your Building	PUYALLUP HIGH SCHOOL 105 7TH ST SW PUYALLUP, WA 98371	LUP, WA 98371 CHECKED: JWG 123130 SHEET TITLE:	
MCKINSTRY CO 5005 3RD AVE SW	ISSUES: NO DATE DESCRIPTION	CONN DETAIL	
SEATTLE, WA 98134 206-762-3311 www.mckinstry.com		SHEET NUMBER: SK-1	

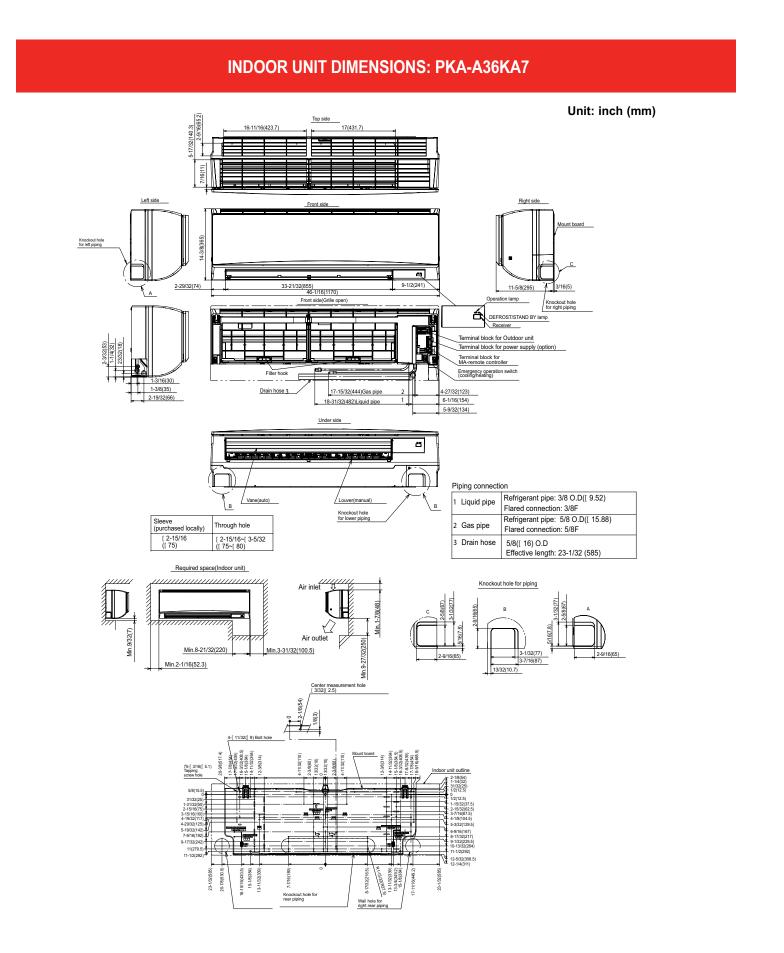


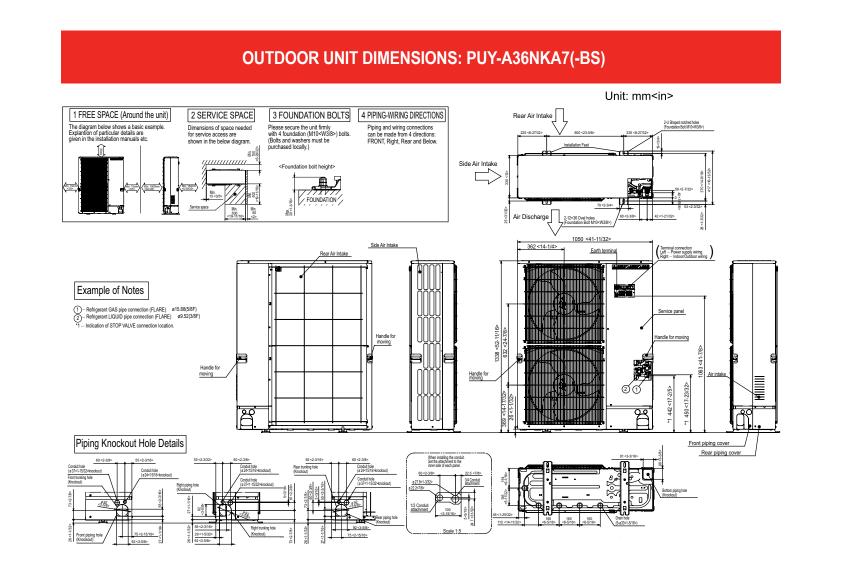
24-hour continuous operation (cooling mode)

Superior energy and operational efficiency

High pressure protection

Fast restart





Brackets & Floor Supports





SEATTLE: 5005 3RD AVENUE S PO BOX 24567 SEATTLE, WA 98124 1-800-669-6223

www.mckinstry.com

PUYALLUP HS

SERVER RM SPLIT SYSTEM

105 7TH St. S.W. PUYALLUP, WA. 98371

CONSULTANTS:

PRMH20221752

City of Puyallup Development & Permitting Services ISSUED PERMIT			
Building	Planning		
Engineering	Public Works		
Fire	Traffic		

REGISTRATION:

ISSUES:		
NO	DATE	DESCRIPTION
	11-07-2022	MECHANICAL PERMIT SET

DESIGNED: HBS

DRAWN: HBS

CHECKED: JWG

JOB NO: 123130-001

ISSUED ON:

DETAIL AND AND EQUIPMENT DATA SHEET

SHEET NUMBER:

S-001