

PROLOGIS

RIVERFRONT INDUSTRIAL PARK

PUYALLUP 1 - SUITE 104 T.I.

1601 INDUSTRIAL PARKWAY, SUITE 104

PUYALLUP, WA 98371

PROJECT TEAM

ARCHITECT

TWINSTEPS ARCHITECTURE
1201 3RD AVE, 2ND FLOOR
SEATTLE, WA 98101
CONTACT: JENNIFER WYMAN
EMAIL: jenniferwyman@twinstepsarch.com
PHONE NUMBER: (206) 266-1199

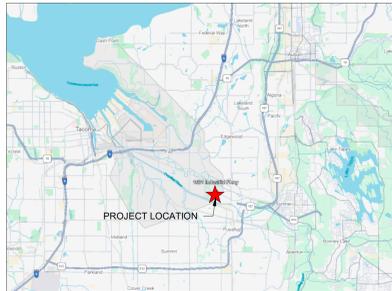
ENERGY ENGINEER

FRANKLIN ENGINEERING MECHANICAL CONSULTING
625 4TH AVE, SUITE 202
KIRKLAND, WA 98033
CONTACT: NATALIE THROWER
EMAIL: Natalie@FranklinEng.com
PHONE NUMBER: (428) 827-3324

PROPERTY OWNER

PROLOGIS
33900 WEYERHAEUSER WAY S, SUITE 100
FEDERAL WAY, WA 98001
CONTACT: JAMES BIRCHARD
EMAIL: jbirchard@prologis.com
PHONE NUMBER: (206) 414-7626

VICINITY MAP



LOCATION MAP



CODE REVIEW NOTES

JURISDICTION: CITY OF PUYALLUP, WA
BUILDING CODES: 2021 WASHINGTON STATE BUILDING CODE
2021 WASHINGTON STATE EXISTING BUILDING CODE
2021 WASHINGTON STATE COMMERCIAL ENERGY CODE
2021 WASHINGTON STATE FIRE CODE
2017 WASHINGTON ACCESSIBILITY CODE
CITY OF PUYALLUP MUNICIPAL CODE
ZONING: ML - LIMITED MANUFACTURING
APN: 0420212076
SEISMIC DESIGN CATEGORY: D
OCCUPANCY CLASSIFICATION: S-1, B (PER CHAP. 3)
TYPE OF CONSTRUCTION: III-B (PER CHAP. 6)
OCCUPANCY SEPARATION: NO SEPARATION (MIXED USE PER 508)
NUMBER OF STORIES: 1
ALLOWABLE: X
BUILDING AREA: 385,000 SF
ALLOWABLE: UNLIMITED SF (PER 507.4)
TENANT AREA: 62,500 SF
BUILDING HEIGHT: 40'-0"
ALLOWABLE: 75'-0"
FIRE PROTECTION: AUTOMATIC SPRINKLER SYSTEM
INTERIOR WALL & CEILING FINISHES: (PER TABLE 803.13)
GROUP B:
INTERIOR EXIT STAIRWAYS & RAMPS & EXIT PASSAGEWAYS
CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS
ROOMS & ENCLOSED SPACES
GROUP S-1:
INTERIOR EXIT STAIRWAYS & RAMPS & EXIT PASSAGEWAYS
CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS
ROOMS & ENCLOSED SPACES
INTERIOR FLOOR FINISHES: (PER 804)
GROUP B: CLASS II
GROUP S-1: CLASS II
SITE ANALYSIS: REFER SITE PLAN
EXIT TRAVEL: REFER CODE & LIFE SAFETY PLANS
OCCUPANT LOAD: REFER CODE & LIFE SAFETY PLANS
PLUMBING FIXTURE COUNT: REFER CODE & LIFE SAFETY PLANS
FIRE EXTINGUISHERS: REFER CODE & LIFE SAFETY PLANS

SHEET INDEX

SHEET NUMBER	SHEET NAME	7/18/25 - PERMIT	8/19/25 - RESPONSE TO COMMENTS
GENERAL			
G000	COVER SHEET		
G001	GENERAL INFORMATION		
G110	CODE & LIFE SAFETY		
ARCHITECTURAL SITE			
A5100	ARCHITECTURAL SITE - OVERALL PLAN		
A5500	ARCHITECTURAL SITE - DETAILS		
ARCHITECTURAL			
A110.1	OVERALL FLOOR PLAN		
A111.1	OFFICE - FLOOR PLAN		
A111.3	OFFICE - FINISH PLAN		
A111.4	OFFICE - CEILING PLAN		
A111.6	OFFICE - POWER & DATA PLAN		
A410	ENLARGED PLANS & INTERIOR ELEVATIONS		
A420	INTERIOR ELEVATIONS		
A500	WALL TYPES		
A510	WALL DETAILS		
A515	INTERIOR & FRAMING DETAILS		
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A521	CEILING DETAILS		
A540	SECTION DETAILS		
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STRUCTURAL			
S1.0	ROOF FRAMING PLAN AND DETAILS		
MECHANICAL			
M1	MECHANICAL DRAWINGS		
M2	MECHANICAL LOAD CALCULATIONS & COMPLIANCE SUMMARY		
ELECTRICAL			
E1	ELECTRICAL COVER SHEET		
E2	SUITE POWER PLAN		
E3	SUITE LIGHTING PLAN		
E4	PANEL SCHEDULES		
PLUMBING			
P001	PLUMBING COVER SHEET		
P002	PLUMBING SCHEDULES & CALCULATIONS		
P200	FOUNDATION PLUMBING PLANS		
P201	LEVEL 1 PLUMBING PLANS		
P501	PLUMBING DETAILS		
FIRE ALARM			
FA001	FIRE ALARM COVER SHEET		
FA101	FIRE ALARM FLOOR PLAN		
FA102	DETAILS		
FIRE SPRINKLER			
FS1	FIRE SPRINKLER LAYOUT		

PROJECT DESCRIPTION

RENOVATION OF EXISTING 62,500 SF SUITE WITHIN 385,000 SF WAREHOUSE BUILDING WITH 2,512 SF SPECULATIVE OFFICE TENANT IMPROVEMENT, NEW ACCESSIBLE PARKING STALLS AND CURB RAMP.

LEGAL DESCRIPTION

Section 21 Township 20 Range 04 Quarter 23, 1 OF DBLR 2007-08-28-5005 DESC AS BEG AT INTER OF SELY PUY IND RES LI AND N LI OF N LEVEE RD TH N 66 DEG 45 MIN 04 SEC W 381.81 FT TH N 66 DEG 45 MIN 55 SEC W 128.49 FT TH S 34 DEG 32 MIN 45 SEC E 8.80 FT TH N 65 DEG 38 MIN 56 SEC W 59.37 FT TH N 24 DEG 21 MIN 04 SEC E 15 FT TH S 89 DEG 32 MIN 08 SEC E 28.43 FT TO BEG OF NON TANG CURVE CONCAVE NWLY RAD OF 38 FT & CENTRAL ANGLE OF 50 DEG 13 MIN 31 SEC TH NELY ALG ARC OF SD C TO L FROM WHICH A TANG LI BEARS N 74 DEG 35 MIN 06 SEC E 33.31 FT TO A PT OF TANG TH N 24 DEG 21 MIN 35 SEC E 70.66 FT TO BEG OF A CURVE CONCAVE WLY RAD OF 270 FT & CENTRAL ANGLE OF 23 DEG 34 MIN 46 SEC TH NLY ALG ARC OF SD C TO L 111.12 FT TH N 00 DEG 46 MIN 40 SEC E 295.51 FT TO BEG OF CURVE CONCAVE ELY RAD 330 FT & A CENTRAL ANGLE OF 38 DEG 09 MIN 03 SEC TH NLY ALG ARC OF C TO R 219.73 FT TH N 38 DEG 55 MIN 52 SEC E 562.98 FT TH S 56 DEG 32 MIN 28 SEC E 844.26 FT TO SD SELY LI OF PUY IND RES TH S 38 DEG 57 MIN 46 DEG W 1157.36 FT TO POB EXC THAT POR CYD TO CY OF PUYALLUP FOR R/W PER ETN 4207692 OUT OF 2-072 SEG 2010-0061 JU 8/20/09JU

SEPARATE SUBMITTALS

THE FOLLOWING SUBMITTALS WILL BE UNDER SEPARATE PERMITS & ARE NOT INCLUDED AS PART OF THIS SUBMITTAL PACKAGE:

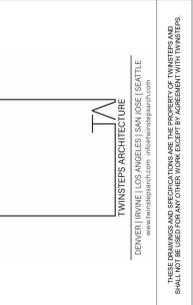
- DIVISION 21**
 - AUTOMATIC FIRE SPRINKLER SYSTEM
- DIVISION 22**
 - PLUMBING
- DIVISION 23**
 - HVAC
- DIVISION 26**
 - ELECTRICAL
- DIVISION 28**
 - FIRE ALARM SYSTEM

FIRE RESISTANCE RATING REQUIREMENTS

BUILDING ELEMENT	REQUIRED RATING	PROVIDED
PRIMARY STRUCTURAL FRAME	0 HR	0 HR
BEARING WALLS: EXTERIOR	2 HR	2 HR
BEARING WALLS: INTERIOR	0 HR	0 HR
NONBEARING WALLS & PARTITIONS: EXTERIOR	0 HR	0 HR
NONBEARING WALLS & PARTITIONS: INTERIOR	0 HR	0 HR
FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS:	0 HR	0 HR
ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS:	0 HR	0 HR

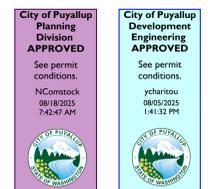
ENERGY REQUIREMENTS

2021 WSEC, COMMERCIAL PROVISIONS - COMPONENT PERFORMANCE
ROOF (EXISTING): R-23 MIN, CONTINUOUS RIGID INSULATION ABOVE ROOF DECK, U=0.045
WALL (MASS, OPAQUE, EXTERIOR, FLOOR TO 9'-0" CEILING): CONCRETE, MIN. 6" THICK, AIR GAP, 3-1/2" METAL STUDS, 24" OC WITH R-15 BATT INSULATION, PLUS R-13 CONTINUOUS BATT INSULATION, U=0.045
WALL (MASS, OPAQUE, EXTERIOR, 9'-0" CEILING TO ROOF): CONCRETE, MIN. 6" THICK, W/ CONTINUOUS R-13 BATT INSULATION ON STICKPINS, U=0.070
WALL (METAL, OPAQUE, WAREHOUSE): 6" METAL STUDS, 16" OC WITH R-21 BATT INSULATION, U=0.106
SLAB ON GRADE (EXISTING): NO INSULATION, F=0.73
DOORS (SWINGING, OPAQUE): INSULATED METAL, U=0.37
VERTICAL GLAZING (EXISTING, FIXED): METAL FRAME, NFRC CERTIFIED ASSEMBLY, U=0.65, SHGC=0.38
VERTICAL GLAZING (EXISTING, ENTRANCE DOOR): METAL FRAME, U=0.65, SHGC=0.33



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REV	DATE	REMARKS

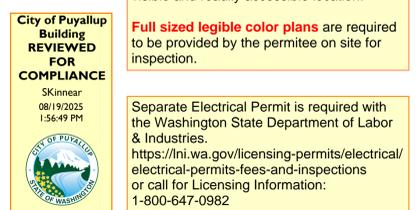


Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permittee on site for inspection.

Separate Electrical Permit is required with the Washington State Department of Labor & Industries.
<https://lni.wa.gov/licensing-permits/electrical/>
electrical-permits-fees-and-inspections
or call for Licensing Information:
1-800-647-0982



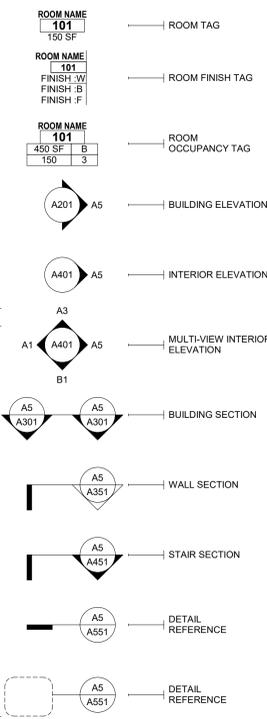
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33900 WEYERHAEUSER WAY S, SUITE 104
FEDERAL WAY, WA 98001
PRCTI20250997
COVER SHEET

DATE: 7/18/25
JOB NO.: 25-057

G000

SYMBOLS

REFER INDIVIDUAL SHEETS FOR ADDITIONAL SYMBOL INFORMATION.



A5 DRAWING TITLE
SCALE: 1/8" = 1'-0"

ABBREVIATIONS

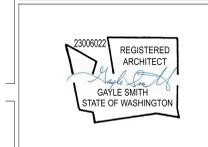
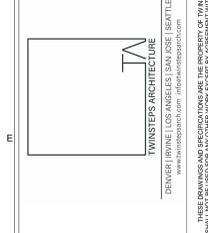
Table of abbreviations and their corresponding full names, organized in columns.

GENERAL NOTES

- 1. THIS PROJECT & ALL WORK ASSOCIATED WITH THE PROJECT SHALL CONFORM TO FEDERAL, STATE, & LOCAL REGULATIONS, ORDINANCES, & ACCESSIBILITY REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION (AHJ).
2. THE ARCHITECT OR DESIGNER AS USED IN THESE DOCUMENTS SHALL REFER TO TWINSTEP'S ARCHITECTURE.
3. THE DRAWINGS ARE NOT TO BE SCALED. USE WRITTEN DIMENSIONS ONLY. ALL DIMENSIONS ARE TO BE FIELD VERIFIED. FOR INFORMATION CONCERNING EXISTING CONDITIONS, ETC., VERIFICATION MUST BE DONE IN THE FIELD.
4. THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF & SHALL NOT BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURE, OR FOR SAFETY PRECAUTIONS & PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL MEASURES RELATED TO CONSTRUCTION OF THE PROJECT.
5. THE INTENT OF THE DRAWINGS & SPECIFICATIONS IS TO DESCRIBE THE LABOR, MATERIALS, & SERVICES NECESSARY FOR THE COMPLETION OF ALL THE WORK SHOWN, DESCRIBED, OR REASONABLY IMPLIED, BUT NOT LIMITED TO THAT EXPLICITLY INDICATED ON THE CONTRACT DOCUMENTS.
6. CONTRACTOR SHALL MAINTAIN RECORD DOCUMENTS OF CONSTRUCTION CHANGES (AS-BUILT DRAWINGS) & SHALL PROVIDE SAID DOCUMENTATION TO THE OWNER & ARCHITECT UPON COMPLETION OF CONSTRUCTION.
7. CONTRACTORS & SUBCONTRACTORS BIDDING THIS PROJECT SHALL BE RESPONSIBLE FOR THE INFORMATION CONTAINED IN ANY & ALL DRAWINGS & SPECIFICATIONS.
8. THE GENERAL CONTRACTOR & ALL SUBCONTRACTORS ARE RESPONSIBLE FOR EXAMINING THE CONTRACT DOCUMENTS, FIELD CONDITIONS, & CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ITEMS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH WORK IN QUESTION OR RELATED WORK.
9. CONTRACTOR SHALL COMPLY W/ REQUIRED SPECIAL INSPECTIONS AS NOTED ON DRAWINGS & IS RESPONSIBLE FOR COORDINATING W/ OWNER RETAINED SPECIAL INSPECTION AGENCY.
10. PROVIDE CONTINUOUS INSPECTIONS AS SET FORTH IN THE STATE & LOCAL CODES & PER THE CONTRACT DOCUMENTS AS NEEDED.
11. ALL WORK NOTED "N.I.C." OR "NOT IN CONTRACT" IS TO BE ACCOMPLISHED BY A PARTY OTHER THAN THE GENERAL CONTRACTOR & IS NOT TO BE PART OF THE CONSTRUCTION AGREEMENT. THE GENERAL CONTRACTOR SHALL COORDINATE W/ OTHERS PER THE REQUIREMENTS ESTABLISHED BY THE OWNER & TENANT.
12. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR COORDINATING W/ ALL SUBCONTRACTORS PER REQUIREMENTS ESTABLISHED BY THE OWNER, TENANT, OR BOTH WHICH ARE UNDER SEPARATE CONTRACT W/ OWNER, TENANT, OR SHARING SCHEDULES & WORKMANSHIP THROUGHOUT.
13. SHORING, TEMPORARY SUPPORTS, & SAFETY OF ERECTION BRACING DURING DEMOLITION & OR CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR & HAS NOT BEEN CONSIDERED BY THE STRUCTURAL ENGINEER OR ARCHITECT.
14. THE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, & OTHER DRAWINGS & PROJECT SPECIFICATIONS ARE SUPPLEMENTARY TO THE ARCHITECTURAL CONSTRUCTION DRAWINGS. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
15. INSTALL ALL MANUFACTURED ITEMS, MATERIALS, & EQUIPMENT IN STRICT ACCORDANCE W/ THE MANUFACTURERS' WRITTEN RECOMMENDATIONS UNLESS OTHERWISE NOTED.
16. ANY WORK INSTALLED IN CONFLICT W/ THE CONSTRUCTION DOCUMENTS, W/O PRIOR APPROVAL OF THE OWNER & ARCHITECT SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
17. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING PERMITS PRIOR TO STARTING CONSTRUCTION.
18. PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE APPLICANT SHALL HAVE EVIDENCE OF CURRENT WORKMAN'S COMPENSATION INSURANCE COVERAGE ON FILE W/ THE STATE LABOR DEPARTMENT.
19. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY SPECIFIED MATERIALS OR EQUIPMENT WHICH ARE EITHER UNAVAILABLE OR THAT WILL CAUSE A DELAY IN CONSTRUCTION COMPLETION SCHEDULE. THE CONTRACTOR SHALL SUBMIT CONFORMANCE OR DELIVERY DATES FOR ORDERS OF MATERIALS & EQUIPMENT HAVING LONG LEAD TIMES.
20. ALL REQUESTS FOR SUBSTITUTIONS OF ITEMS SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT DURING THE BIDDING PROCESS. SUBSTITUTIONS SHALL BE OF EQUAL QUALITY.
21. THE ARCHITECT'S REVIEW OF SUBMITTALS SHALL NOT RELIEVE THE GENERAL CONTRACTOR OR SUBCONTRACTOR FROM THE RESPONSIBILITY FOR CORRECTING DEVIATIONS FROM THE DRAWINGS & SPECIFICATIONS NOR DOES IT RELIEVE THEM FROM THE RESPONSIBILITY FOR ERRORS OF ANY SORT IN SUBMITTALS.
22. PRIOR TO THE ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY FOR THE PROJECT, THE GENERAL CONTRACTOR SHALL SUBMIT A SIGNED CERTIFICATE TO THE DEPARTMENT OF BUILDING & SAFETY STATING THAT ALL WORK HAS BEEN PERFORMED & MATERIALS INSTALLED ACCORDING TO THE PLANS & SPECIFICATIONS AFFECTING NON-RESIDENTIAL ENERGY.
23. UPON COMPLETION OF PROJECT, OBTAIN ALL FINAL INSPECTIONS AS REQUIRED BY AUTHORITY HAVING JURISDICTION (AHJ) & FURNISH OWNER &/OR TENANT W/ EVIDENCE OF ALL SUCH INSPECTIONS & CERTIFICATES OF OCCUPANCY.
24. WHERE EXISTING TENANTS ARE ADJACENT TO THE JOB SITE, THE CONTRACTOR SHALL MINIMIZE THE CONSTRUCTION NOISE. EXTREME CONSTRUCTION NOISE SHALL OCCUR ON NON-TYPICAL BUSINESS HOURS. CONTRACTOR SHALL NOTIFY THE BUILDING REPRESENTATIVE OF SPECIAL CIRCUMSTANCES PRIOR TO WORK.
25. THE CONTRACTOR, AT OWN EXPENSE, SHALL KEEP THE PROJECT & SURROUNDING AREAS FREE FROM DUST & DEBRIS. PROVIDE A DUMPSTER AT A LOCATION TO BE DETERMINED, FOR REMOVAL OF ALL DEMOLISHED MATERIALS & ALL CONSTRUCTION DEBRIS. SUBCONTRACTORS SHALL REMOVE THEIR DEBRIS & WASTE MATERIALS FROM THE BUILDING AREA DAILY & DEPOSIT IT IN THE DUMPSTER. ALL CONTAINERS OF PAINT, ADHESIVE, ASPHALT SOLVENTS, OILS, &/OR HAZARDOUS MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR RESPONSIBLE FOR SAID CONTAINERS. THE WORK SHALL BE IN CONFORMANCE W/ THE AIR & WATER POLLUTION CONTROL STANDARDS & REGULATIONS OF THE STATE DEPARTMENT OF HEALTH.
26. CONSTRUCTION WASTE & DEBRIS SHALL BE DEPOSITED AT AN APPROPRIATE DISPOSAL SITE.
27. NO HAZARDOUS MATERIALS SHALL BE STORED WITHIN THE BUILDING THAT DO NOT COMPLY W/ THE LOCAL FIRE AUTHORITY'S STATE & LOCAL REQUIREMENTS.

FIRE AUTHORITY NOTES

- 1. FINAL INSPECTION BY THE FIRE DEPARTMENT IS REQUIRED - SCHEDULE (72) HOURS IN ADVANCE.
2. THE PROJECT ADDRESS SHALL BE PROVIDED IN A POSITION AS TO BE PLAINLY VISIBLE & LEGIBLE FROM THE STREET FRONT THE PROPERTY PER LOCAL FIRE DEPARTMENT STANDARDS.
3. AN UNOBSTRUCTED ALL WEATHER FIRE APPARATUS ACCESS ROAD SHALL BE IN PLACE PRIOR TO THE DELIVERY OF COMBUSTIBLE BUILDING MATERIALS.
4. FIRE PREVENTION WATER SERVICE SHALL BE IN SERVICE PRIOR TO DELIVERY OF COMBUSTIBLE MATERIALS.
5. ACCESS / SECURITY GATES SHALL BE APPROVED PRIOR TO INSTALLATION & SHALL COMPLY W/ LOCAL FIRE CODES.
6. FIRE SPRINKLER SYSTEMS, WHEN PROVIDED, SHALL MEET STATE & LOCAL FIRE CODES.
7. INSTALLATION OF FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE W/ STATE & LOCAL CODES.
8. LOCATIONS & CLASSIFICATIONS OF FIRE EXTINGUISHERS SHALL BE IN ACCORDANCE W/ STATE & LOCAL FIRE CODES & PLACEMENT IS SUBJECT TO THE APPROVAL OF THE FIRE INSPECTOR. VERIFY QUANTITY & LOCATION W/ THE FIRE DEPARTMENT PRIOR TO ORDERING.
9. AT LEAST (1) FIRE EXTINGUISHER W/ A MINIMUM RATING OF 2-A-10B-C SHALL BE PROVIDED WITHIN 75 FT MAXIMUM TRAVEL DISTANCE FOR EACH 3,000 SF OR PORTION THEREOF.
10. STORAGE, DISPENSING, OR USE OF ANY FLAMMABLE & COMBUSTIBLE LIQUIDS OR GASES, & OTHER HAZARDOUS MATERIALS SHALL COMPLY W/ STATE & LOCAL FIRE CODES. THE STORAGE & USE OF HAZARDOUS MATERIALS SHALL BE APPROVED BY THE FIRE AUTHORITY PRIOR TO ANY MATERIALS BEING STORED OR USED ON SITE. A SEPARATE PERMIT IS REQUIRED.
11. BUILDING NOT APPROVED FOR HIGH PILED STORAGE. A SEPARATE PERMIT IS REQUIRED FOR HIGH PILED STORAGE.



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1601 INDUSTRIAL PARKWAY, SUITE 104
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ISSUED FOR PERMIT

REMARKS
DATE
REV

PROLOGIS
33930 WEVERHAEUSER WAY S. SUITE 104
FEDERAL WAY, WA 98001
PRCTI20250997
GENERAL INFORMATION

DATE: 7/18/25
JOB NO.: 25-057
G001

KEYNOTES

- 2302.0 PREFINISHED MECHANICAL DIFFUSER - SUPPLY - REFER MECHANICAL DRAWINGS
- 2302.1 PREFINISHED MECHANICAL DIFFUSER - RETURN - REFER MECHANICAL DRAWINGS
- 2302.2 PREFINISHED MECHANICAL DIFFUSER - EXHAUST - REFER MECHANICAL DRAWINGS

CEILING PLAN NOTES

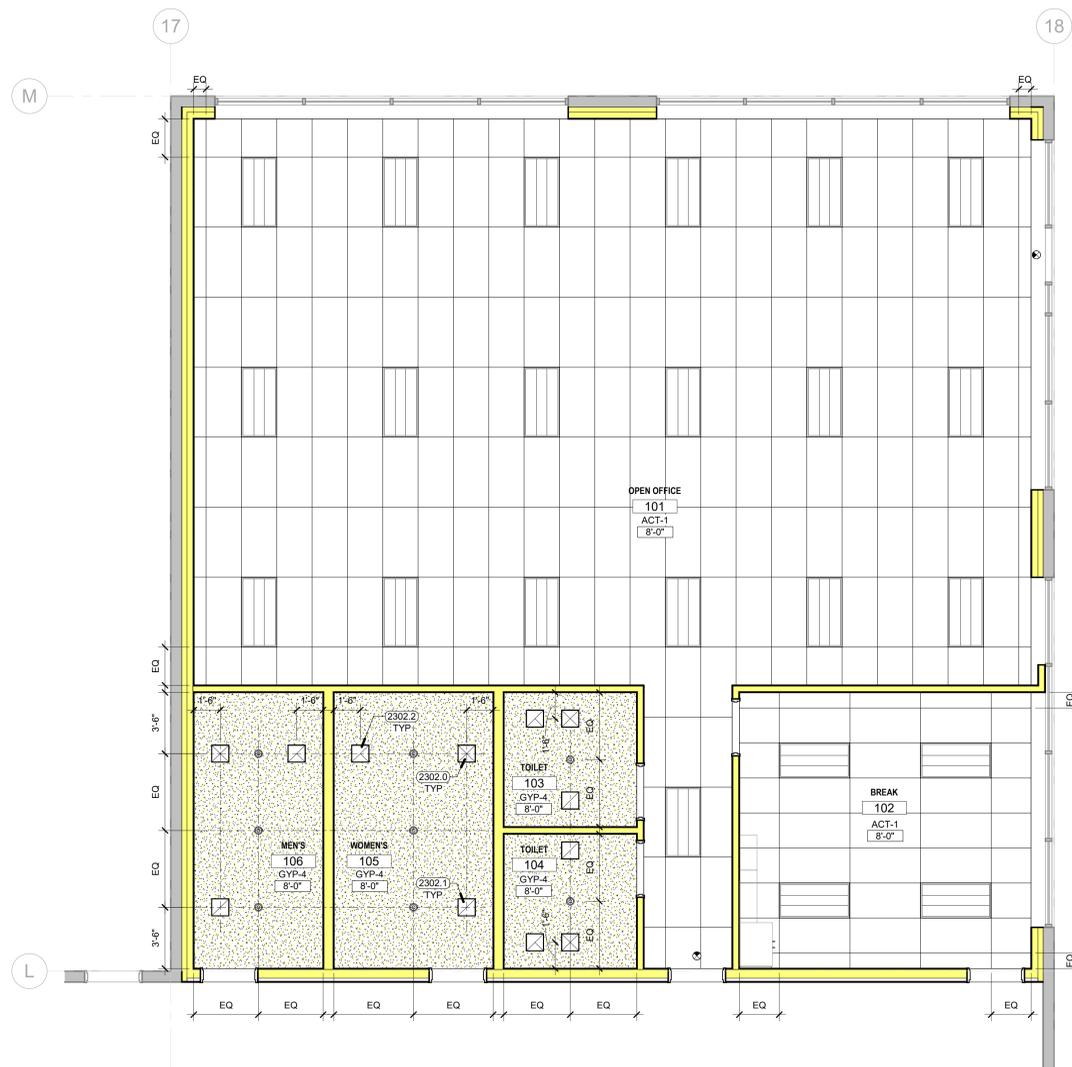
1. COORDINATE W/ MECHANICAL, ELECTRICAL, & PLUMBING DRAWINGS FOR CEILING MOUNTED ELEMENTS. NOT ALL MEP ELEMENTS ARE SHOWN ON THIS DRAWING.
2. LIGHT FIXTURES, GRILLES, HEAT & SMOKE DETECTORS, SPEAKERS, SPRINKLER HEADS, ETC. SHALL BE LOCATED CENTER OF CEILING TILES.
3. CEILING MOUNTED ELEMENTS SHALL BE ALIGNED & SPACED AS SHOWN ON CEILING PLANS & CEILING DETAILS.
4. ALL DEVICES (JUNCTION BOXES, VAV/FAVAC CONTROLS, SHUTOFF VALVES, ETC.) REQUIRING ACCESS SHALL BE REMOTELY LOCATED AWAY FROM GYP. BD. CEILINGS. COORDINATE LOCATIONS W/ MEP DRAWINGS.
5. ALL FASCIAS, SOFFITS, HEADERS, & GYP. BD. CEILINGS SHALL ALIGN W/ ADJACENT WALL SURFACE IN THE SAME PLAN UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL SUBMIT A DRAWING WHICH COORDINATES THE INSTALLATION OF ABOVE CEILING ELEMENTS (DUCTWORK, LIGHTS, SPRINKLER HEADS, ETC.) PRIOR TO SUBMISSION OF SHOP DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ANY CONFLICTS AT THE TIME THE COORDINATED DRAWING IS SUBMITTED.
7. ALL NEW MECHANICAL DUCTWORK, PIPING, & ELECTRICAL ELEMENTS MUST BE LOCATED TO ALLOW FOR INSTALLATION OF FIXTURES INDICATED.
8. COORDINATE LOCATION OF LIGHT FIXTURES W/ ARCHITECTURAL DRAWINGS.
9. NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN LIGHTING FIXTURES & EXISTING CONDITIONS (PIPES, STRUCTURE, MECHANICAL, ETC.) PRIOR TO INSTALLATION OF CEILING.
10. IN SPACES W/ INDEPENDENT ACOUSTICAL CEILING GRIDS, THE LAYOUT SHALL BE CENTERED IN EACH DIRECTION UNLESS OTHERWISE NOTED.
11. COORDINATE LOCATION OF WALL MOUNTED LIGHT FIXTURES W/ ARCHITECTURAL ELEVATIONS.
12. PROVIDE EPOXY PAINT AT ALL WET AREA GYP. BD. CEILINGS, INCLUDING BUT NOT LIMITED TO TOILET ROOMS & SHOWERS. REFER FINISH SCHEDULE.
13. ALL CEILING HEIGHT ELEVATIONS ARE RELATIVE TO THE IMMEDIATELY ADJACENT CONCRETE FLOOR SLAB UNLESS OTHERWISE NOTED.
14. CONTRACTOR SHALL COORDINATE SUSPENDED LIGHT FIXTURE FIRST INSTALL W/ ARCHITECT FOR REVIEW PRIOR TO PROCEEDING W/ FULL INSTALLATION OF FIXTURES.

CEILING PLAN LEGEND

- AREA NOT IN CONTRACT (N.I.C.)
- 2x4 LIGHT FIXTURE
- ROUND DOWNLIGHT FIXTURE
- EXIT SIGN W/ DIRECTION ARROW (AS REQ'D)
- DIFFUSER - SUPPLY
- DIFFUSER - RETURN
- DIFFUSER - EXHAUST

CEILING TYPE LEGEND

- AREA NOT IN CONTRACT (N.I.C.)
 - ACT-1: 24x48 SUSPENDED ACOUSTICAL LAY-IN TILE
 - GYP-4: GYP. BD. CEILING - EPOXY PAINT - INSULATED
- REFER FINISH LEGEND FOR ADDITIONAL INFORMATION.



A4 RCP - OFFICE

SCALE: 1/4" = 1'-0"



City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

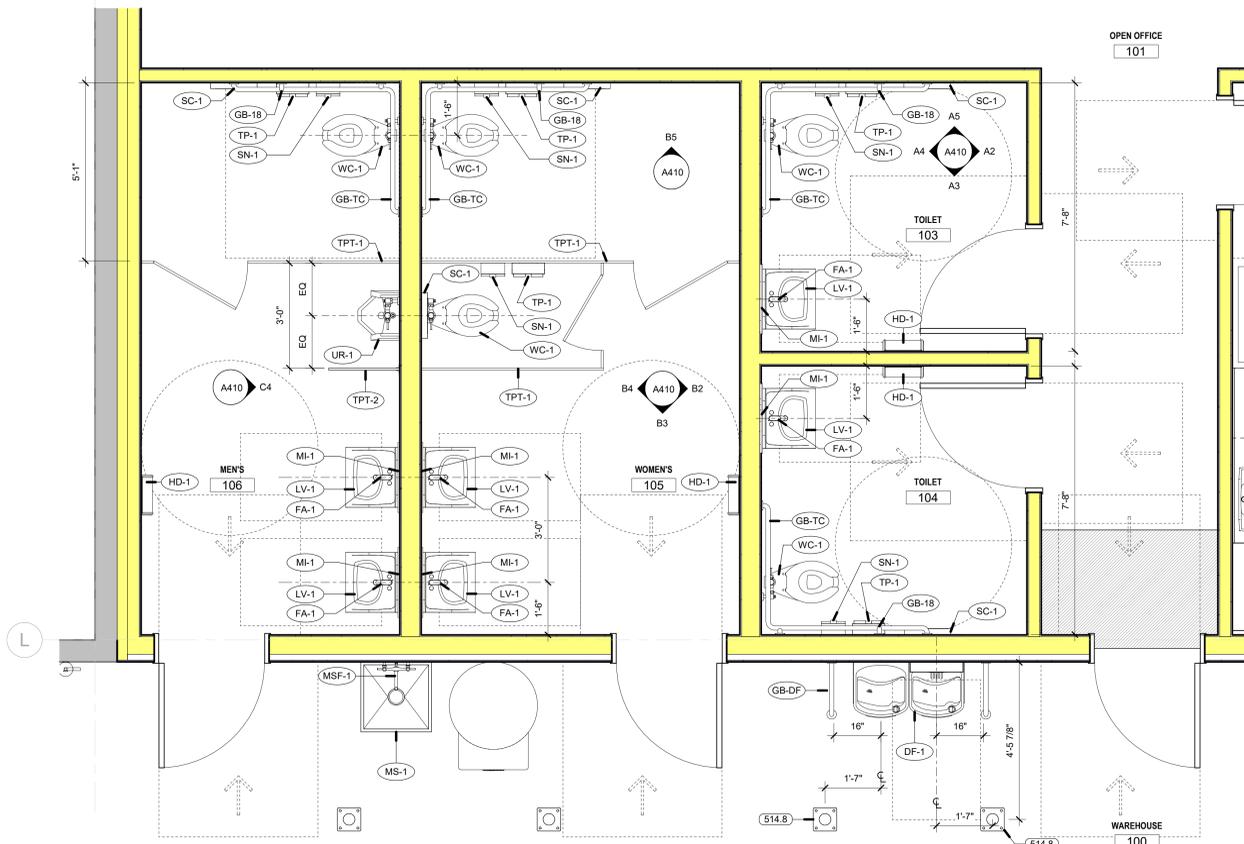
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REV	DATE	REMARKS

PROLOGIS
3390 WEVERHAUSER WAY S. SUITE 104
FEDERAL WAY, WA 98001
PRCT120250997
OFFICE - CEILING PLAN

DATE: 7/18/25
JOB NO.: 25-057

A111.4



C2 ENLARGED RESTROOM

SCALE: 1/2" = 1'-0"

PLUMBING - ACCESSORIES LEGEND

DESIGNATION	DESCRIPTION	MANUFACTURER	MODEL	FURNISHED / INSTALLED	COMMENTS
DF-1	H/O-ELECTRIC WATER COOLER W/ BOTTLE FILLER	ELKAY	LZSTLW/SLP-LHHS	G.C. / G.C.	
FA-1	SINGLE HANDLE VANITY FAUCET	KOHLER	K-9827-4-CP	G.C. / G.C.	
GB-18	18" STRAIGHT GRAB BAR	BOBRICK	B-8906 x 18	G.C. / G.C.	
GB-DF	DRINKING FOUNTAIN GRAB BAR	BOBRICK	B19298	G.C. / G.C.	
GB-TC	TWO-WALL TOILET COMPARTMENT GRAB BAR 42" x 54"	BOBRICK	B-6897	G.C. / G.C.	
LG-1	UNDERSINK PIPING COVER	TRUEBRO	LAV GUARD 2-102 EZ	G.C. / G.C.	
LV-1	WALL MOUNTED LAVATORY	AMERICAN STANDARD	0355.012	G.C. / G.C.	
MI-1	CHANNEL-FRAME MIRROR - BRIGHT POLISH FRAME - 24" x 36"	BOBRICK	B-165 2436	G.C. / G.C.	
MS-1	MOP SINK	ZURN INDUSTRIES	Z1996-24-AW	G.C. / G.C.	
MSF-1	MOP SINK FAUCET	ZURN INDUSTRIES	Z843M1-RC	G.C. / G.C.	
SC-1	SURFACE MOUNTED TOILET SEAT DISPENSER - SATIN	BOBRICK	B-221	G.C. / G.C.	
SN-1	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL - SATIN - TRIMLINE SERIES	BOBRICK	B-35139	G.C. / G.C.	
TP-1	SURFACE MOUNTED TOILET TISSUE DISPENSER & UTILITY SHELF - SATIN	BOBRICK	B-540	G.C. / G.C.	
TPT-1	FLOOR ANCHORED TOILET PARTITION - REFER FINISH LEGEND	REFER FINISH LEGEND	REFER FINISH LEGEND	G.C. / G.C.	
TPT-2	WALL MOUNTED URINAL SCREEN - REFER FINISH LEGEND	REFER FINISH LEGEND	REFER FINISH LEGEND	G.C. / G.C.	
UR-1	WALL MOUNTED ACCESSIBLE TOILET W/ MANUAL FLUSH VALVE (SLOAN - REGAL 1886-0 5XL)	SLOAN	SU-1009-CO	G.C. / G.C.	
WC-1	FLOOR MOUNTED ACCESSIBLE TOILET W/ MANUAL FLUSH VALVE (SLOAN - REGAL 111-1.28XL)	SLOAN	ST-2029	G.C. / G.C.	TOILET SEAT - MAINLINE ML1055SSC

KEYNOTES

- 514.8 4" DIA. x 48" A.F.F. PREMANUFACTURED BOLT DOWN STEEL PIPE BOLLARD W/ BASE PLATE - ROUND TOP
- 800.0 SCHEDULED DOOR & FRAME - REFER DOOR SCHEDULE

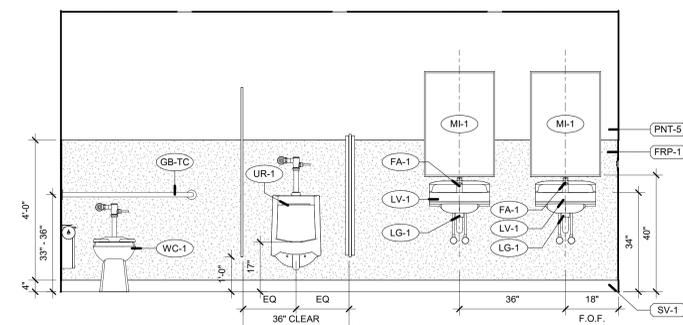
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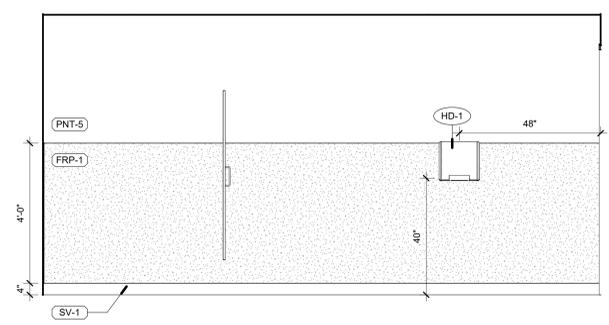
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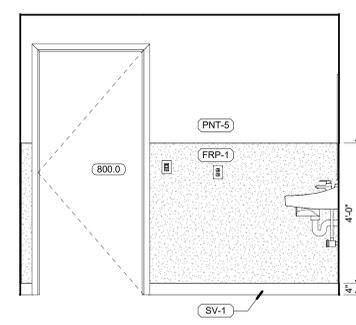
C4 TOILET 106 - EAST

SCALE: 1/2" = 1'-0"



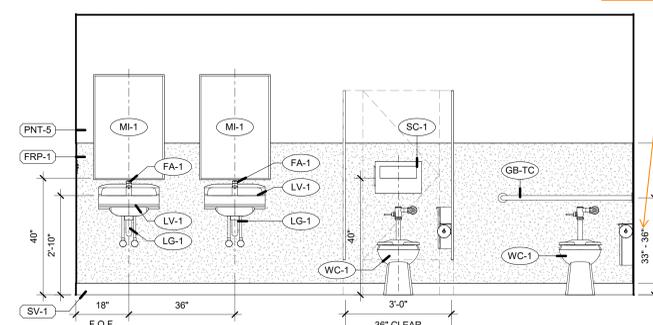
B2 TOILET 105 - EAST

SCALE: 1/2" = 1'-0"



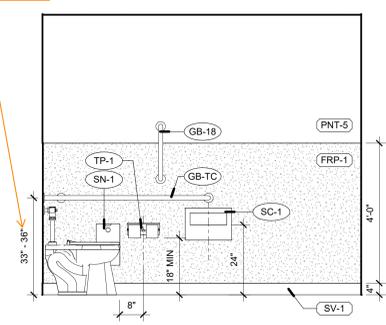
B3 TOILET 105 - SOUTH

SCALE: 1/2" = 1'-0"



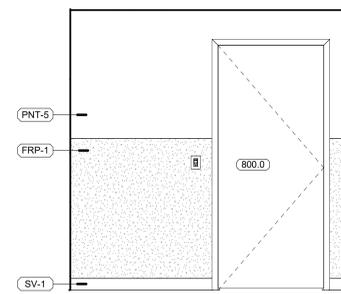
B4 TOILET 105 - WEST

SCALE: 1/2" = 1'-0"



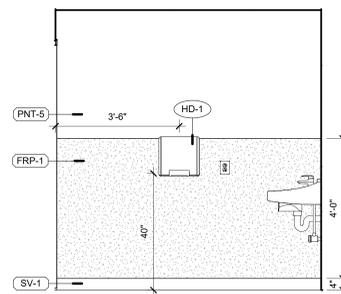
B5 TOILET 105 - NORTH

SCALE: 1/2" = 1'-0"



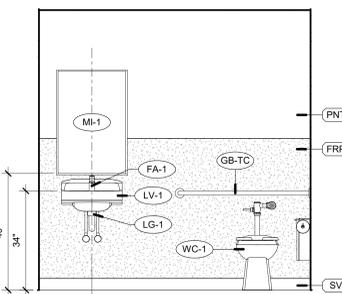
A2 TOILET 103 - EAST

SCALE: 1/2" = 1'-0"



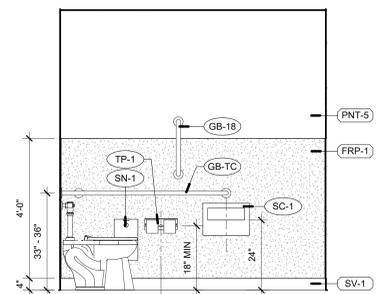
A3 TOILET 103 - SOUTH

SCALE: 1/2" = 1'-0"



A4 TOILET 103 - WEST

SCALE: 1/2" = 1'-0"



A5 TOILET 103 - NORTH

SCALE: 1/2" = 1'-0"

REMARKS

REV	DATE	
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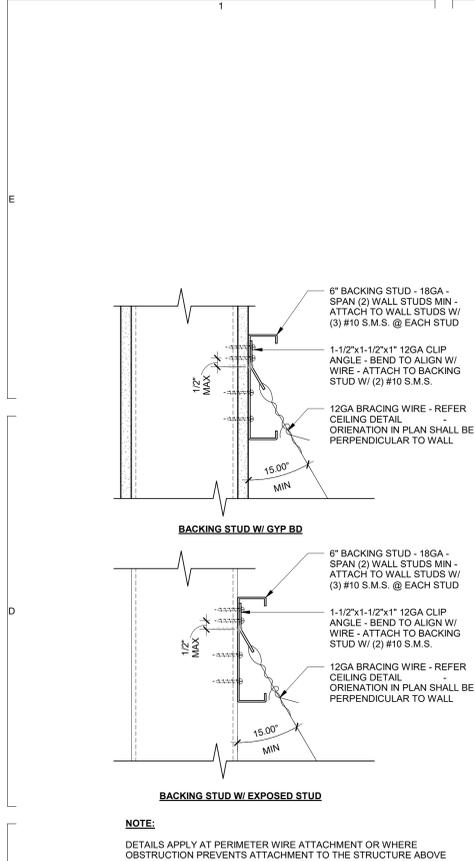
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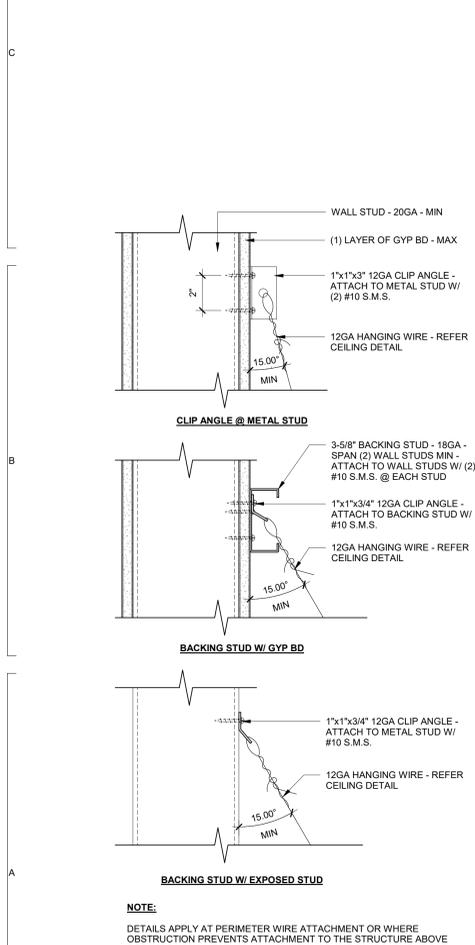
ENLARGED PLANS & INTERIOR ELEVATIONS

DATE: 7/18/25
JOB NO.: 25-057

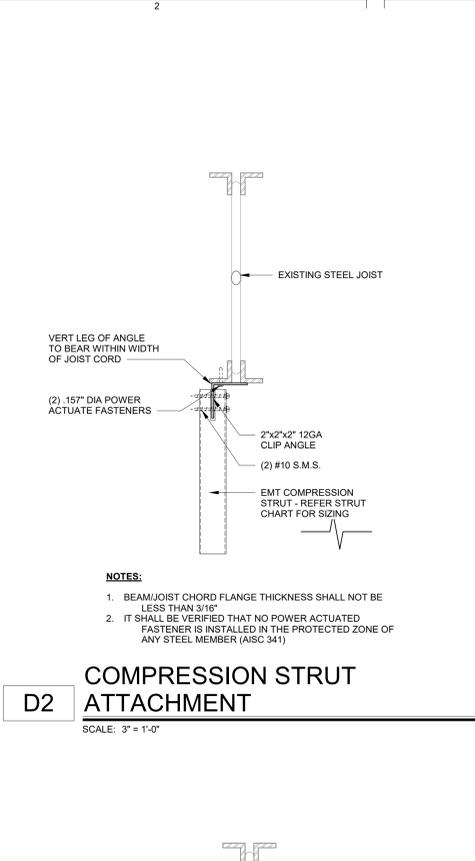
A410



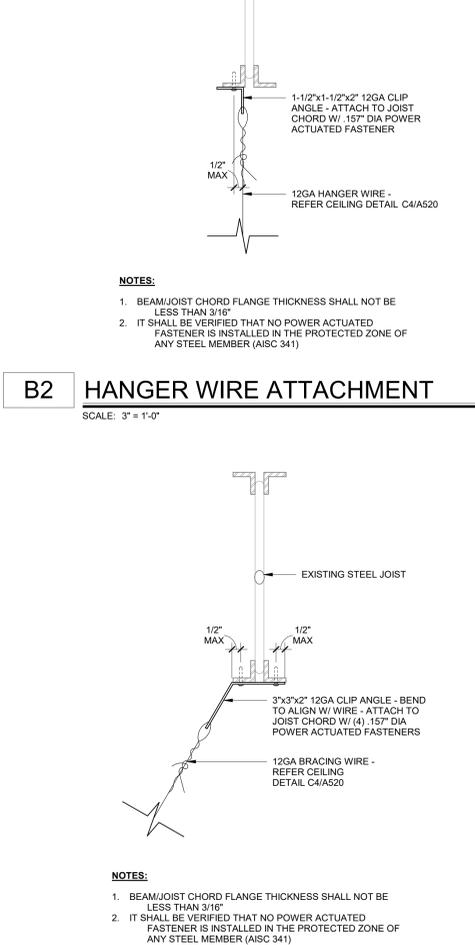
C1 BRACING WIRE ATTACHMENT
SCALE: 3" = 1'-0"



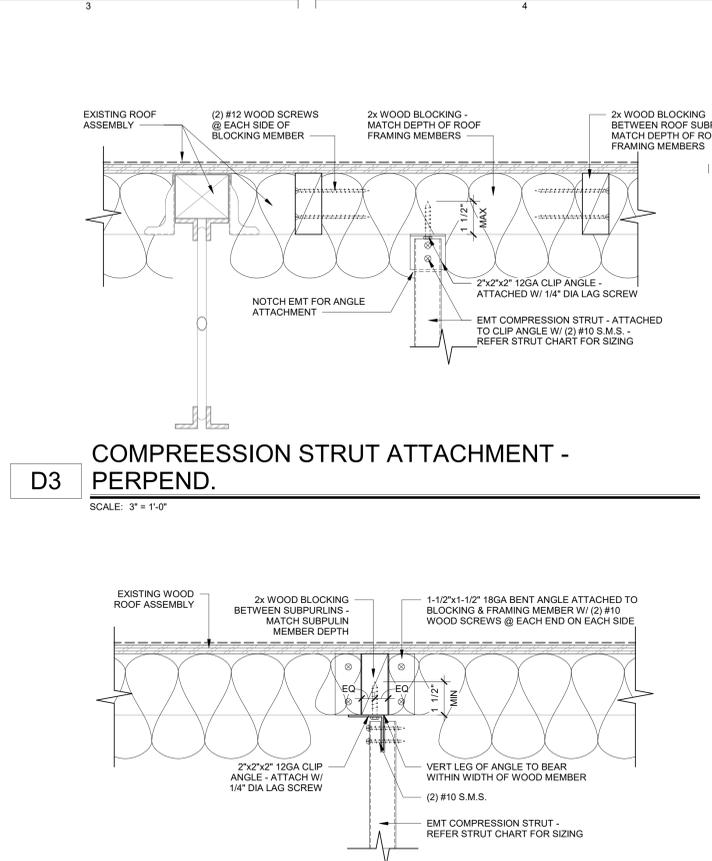
A1 HANGER WIRE ATTACHMENT
SCALE: 3" = 1'-0"



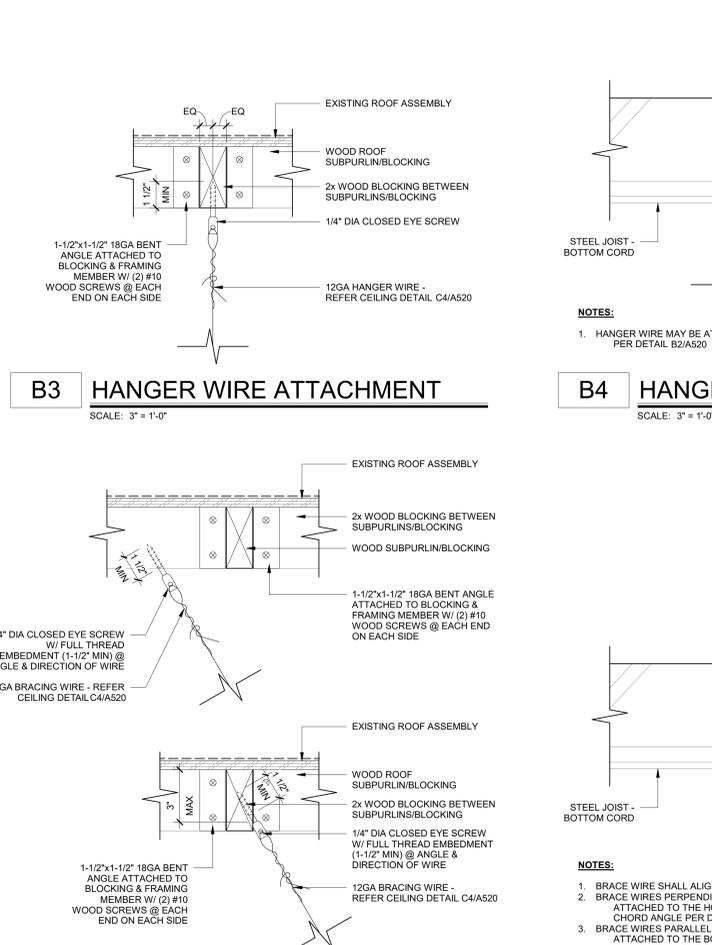
D2 COMPRESSION STRUT ATTACHMENT
SCALE: 3" = 1'-0"



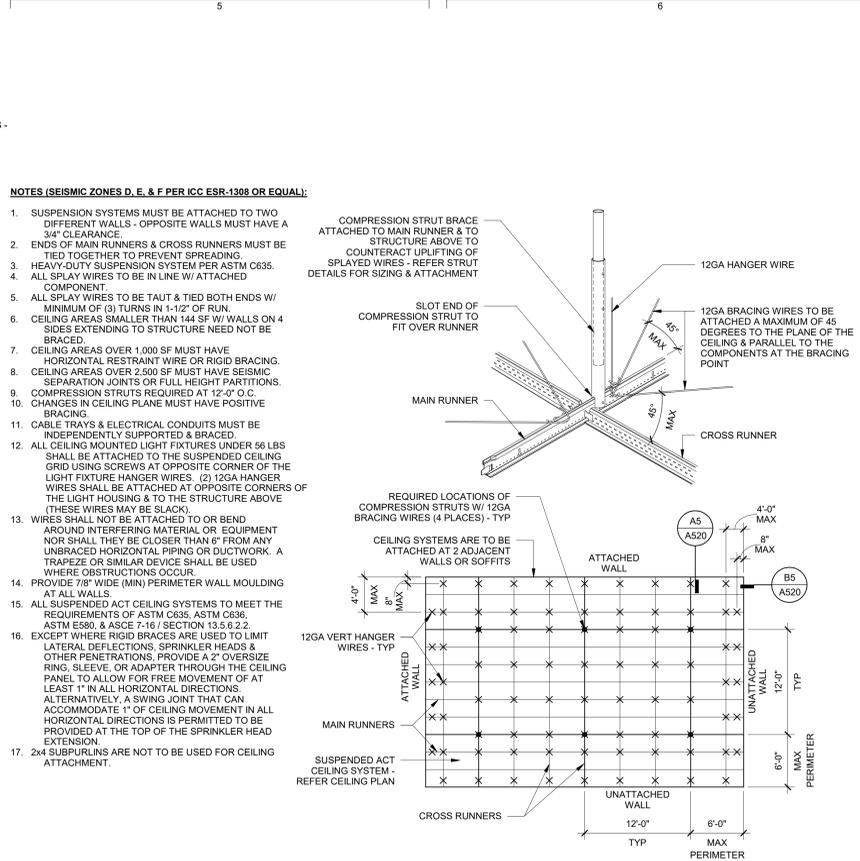
A2 BRACING WIRE ATTACHMENT
SCALE: 3" = 1'-0"



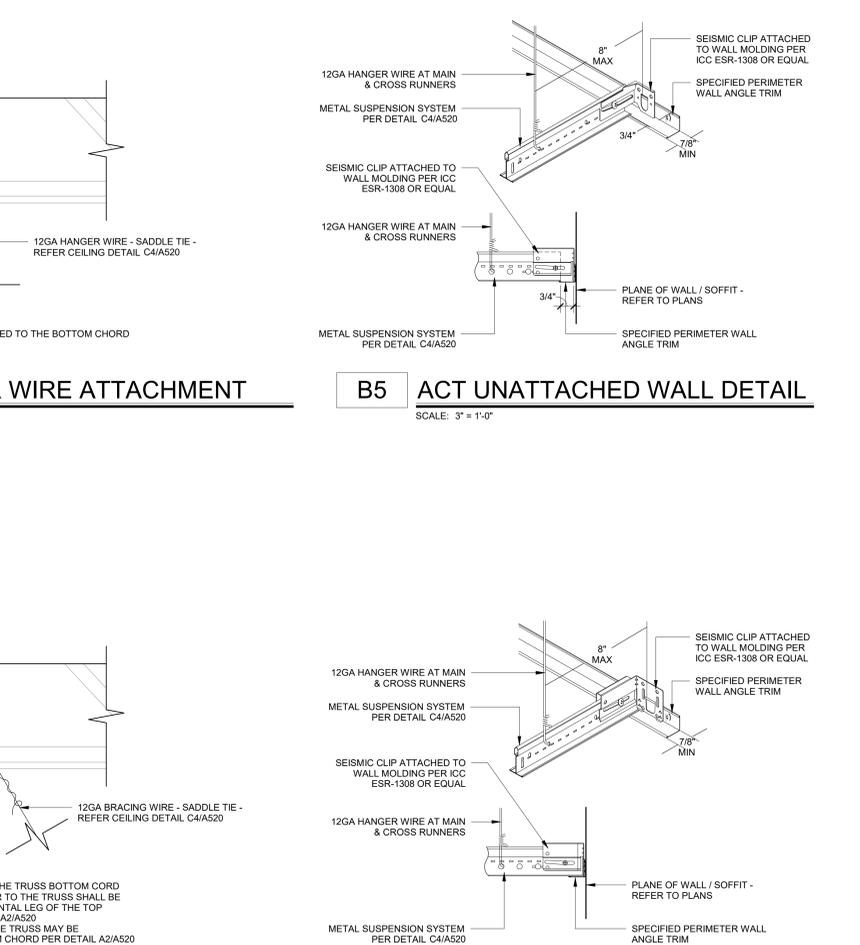
C3 COMPRESSION STRUT ATTACHMENT - PARALLEL
SCALE: 3" = 1'-0"



A3 BRACING WIRE ATTACHMENT
SCALE: 3" = 1'-0"



C4 ACT SUSPENDED CEILING DETAIL - SEISMIC
SCALE: 3" = 1'-0"



A5 ACT ATTACHED WALL DETAIL
SCALE: 3" = 1'-0"

- NOTES (SEISMIC ZONES D, E, & F PER ICC ESR-1308 OR EQUAL):**
- SUSPENSION SYSTEMS MUST BE ATTACHED TO TWO DIFFERENT WALLS - OPPOSITE WALLS MUST HAVE A 3/4" CLEARANCE.
 - ENDS OF MAIN RUNNERS & CROSS RUNNERS MUST BE TIED TOGETHER TO PREVENT SPREADING.
 - HEAVY-DUTY SUSPENSION SYSTEM PER ASTM C635.
 - ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED COMPONENT.
 - ALL SPLAY WIRES TO BE TAUT & TIED BOTH ENDS W/ MINIMUM OF (3) TURNS IN 1-1/2" OF RUN.
 - CEILING AREAS SMALLER THAN 144 SF W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE NEED NOT BE BRACED.
 - CEILING AREAS OVER 1,000 SF MUST HAVE HORIZONTAL RESTRAINT WIRE OR RIGID BRACING.
 - CEILING AREAS OVER 2,500 SF MUST HAVE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS.
 - COMPRESSION STRUTS REQUIRED AT 12'-0" O.C.
 - CHANGES IN CEILING PLANE MUST HAVE POSITIVE BRACING.
 - CABLE TRAYS & ELECTRICAL CONDUITS MUST BE INDEPENDENTLY SUPPORTED & BRACED.
 - ALL CEILING MOUNTED LIGHT FIXTURES UNDER 56 LBS SHALL BE ATTACHED TO THE SUSPENDED CEILING GRID USING SCREWS AT OPPOSITE CORNER OF THE LIGHT FIXTURE HANGER WIRES. (2) 12GA HANGER WIRES SHALL BE ATTACHED AT OPPOSITE CORNERS OF THE LIGHT HOUSING & TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK).
 - WIRES SHALL NOT BE ATTACHED TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT NOR SHALL THEY BE CLOSER THAN 8" FROM ANY UNBRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR.
 - PROVIDE 7/8" WIDE (MIN) PERIMETER WALL MouldING AT ALL WALLS.
 - ALL SUSPENDED ACT CEILING SYSTEMS TO MEET THE REQUIREMENTS OF ASTM C635, ASTM C636, ASTM E590, & ASCE 7-16/ SECTION 13.5.6.2.2.
 - EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS & OTHER PENETRATIONS, PROVIDE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING PANEL TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, A SWING JOINT THAT CAN ACCOMMODATE 1" OF CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS IS PERMITTED TO BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION.
 - 2x4 SUBPURLINS ARE NOT TO BE USED FOR CEILING ATTACHMENT.

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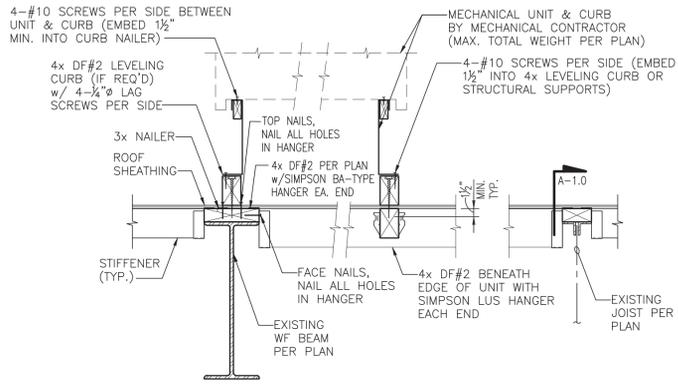
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CEILING DETAILS

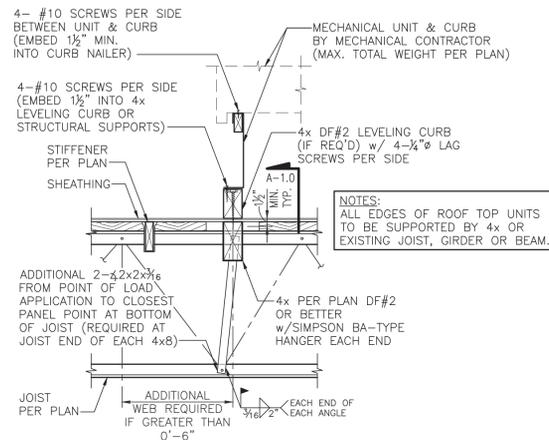
DATE: 7/18/25
JOB NO.: 25-057

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SECTION A-1.0
SCALE: 3/4"=1'-0"



SECTION B-1.0
SCALE: 3/4"=1'-0"

(GENERAL NOTES CONTINUED)
STATEMENT OF SPECIAL INSPECTIONS:
SPECIAL INSPECTIONS SHALL BE PERFORMED AS OUTLINED IN THE STRUCTURAL NOTES. TESTING SHALL BE IN ACCORDANCE WITH THE SPECIAL INSPECTION SECTION OUTLINED ON THIS DRAWING SHEET. A SEPARATE STATEMENT OF SPECIAL INSPECTIONS AS REQUIRED PER IBC SECTION 1705 SHALL BE PROVIDED BY OTHERS FOR ALL MATERIALS, SYSTEMS, COMPONENTS AND WORK NOT INCLUDED IN THE STRUCTURAL DRAWINGS.

SPECIAL INSPECTION FOR SEISMIC RESISTANCE:
SPECIAL INSPECTION FOR SEISMIC RESISTANCE IS REQUIRED FOR THE FOLLOWING COMPONENTS AND SYSTEMS:

- 1) ROOF TOP HVAC UNITS CONTAINING HAZARDOUS MATERIALS

CONTRACTORS RESPONSIBILITY (IBC SECTION 1704.4):
THE CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND OR SEISMIC FORCE RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM, OR WIND/SEISMIC RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:

1. ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
2. ACKNOWLEDGMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND DISTRIBUTION OF THE REPORTS; AND
4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.

SPECIAL INSPECTIONS:
SPECIAL INSPECTIONS PER IBC SECTION 1705. A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS FOR ALL REQUIRED INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT, SHUTLER CONSULTING ENGINEERS, THE OWNER AND THE ARCHITECT BY THE TESTING AGENCY FOR REVIEW. THE TESTING AGENCY SHALL BE AN INDEPENDENT TESTING AGENCY APPROVED BY THE BUILDING DEPARTMENT. THE FOLLOWING INSPECTIONS SHALL BE PROVIDED AS A MINIMUM; ADDITIONAL INSPECTIONS AS REQUIRED BY THE BUILDING DEPARTMENT SHALL ALSO BE PERFORMED. JOB SITE VISITS BY THE ENGINEER DO NOT CONSTITUTE AN OFFICIAL INSPECTION.

SPECIAL CONDITIONS:
THE DRAWINGS INDICATE THE STRUCTURE IN ITS FINAL CONDITION. DURING CONSTRUCTION THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING, AND GUYING IN ACCORDANCE WITH SOUND PRACTICE AND ALL NATIONAL, STATE, AND LOCAL CODES. CONTRACTOR TO COORDINATE ALL TRADES AND VERIFY DIMENSIONS IN FIELD. OBTAIN ARCHITECT'S APPROVAL PRIOR TO ALL FIELD CHANGES. SEE ARCHITECTURAL DRAWINGS FOR ALL FLOOR AND WALL OPENING DIMENSIONS AND LOCATIONS, FLOOR AND WALL FINISHES, ETC.

MECHANICAL, FIRE PROTECTION AND ELECTRICAL SYSTEMS:
IT SHALL BE THE GENERAL CONTRACTOR AND/OR SUB-CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY ENGINEERING AND CONSTRUCTION DOCUMENTS FOR THEIR SCOPE OF WORK. THIS SHALL INCLUDE THE DESIGN OF THEIR SYSTEM AND ANY REVIEW AND MODIFICATIONS OF THE BASIC STRUCTURAL SYSTEM SHOWN ON THESE CONSTRUCTION DOCUMENTS AS WELL AS ANY ADDITIONAL STRUCTURAL SUPPORT REQUIRED BY THEIR SYSTEM.

GENERAL NOTES

CODE: INTERNATIONAL BUILDING CODE, 2021 EDITION

BUILDING RISK CATEGORY = II

LIVE LOADS:	LIVE LOAD	REDUCIBLE
UNIFORM LOADS:		
ROOF	25 PSF (SNOW)	NO

SNOW LOAD DATA:
P_g = 20 PSF
C_e = 0.9
C_t = 1.0
I_s = 1.0

P_f = 25 PSF (WITHOUT DRIFT)
P_d = N/A
W = N/A

WIND DESIGN INFORMATION:
WIND LOADS ON THE MAIN WIND-FORCE RESISTING SYSTEM (MWFRS) WAS DETERMINED USING THE ENVELOPE PROCEDURE.

WIND SPEED V_{ult} = 100 MPH V_{ult} = 78 MPH
EXPOSURE "B" λ = 1.01 K_z = 1.00

SEISMIC DESIGN INFORMATION:
S_s = 128.3% S_{DS} = 1.026
S₁ = 44.1% S_{D1} = 0.547
A_p = 2.5, R_p = 6.0, I_p = 1.0
SITE SOIL CLASS = D (DEFAULT)
SEISMIC DESIGN CATEGORY = D

STRUCTURAL STEEL:
MISCELLANEOUS STEEL CONNECTORS TO BE SIMPSON, OR APPROVED EQUAL. NAIL ALL HOLES WITH NAILS AS SPECIFIED BY MANUFACTURER UNLESS SHOWN OTHERWISE ON DRAWINGS. ALL NAILS ATTACHING TO PRESSURE TREATED WOOD MEMBERS SHALL BE HOT DIPPED GALVANIZED.

FRAMING LUMBER: 2x, 3x, 4x MEMBERS. REFERENCE DESIGN VALUES F_b = 900 psi

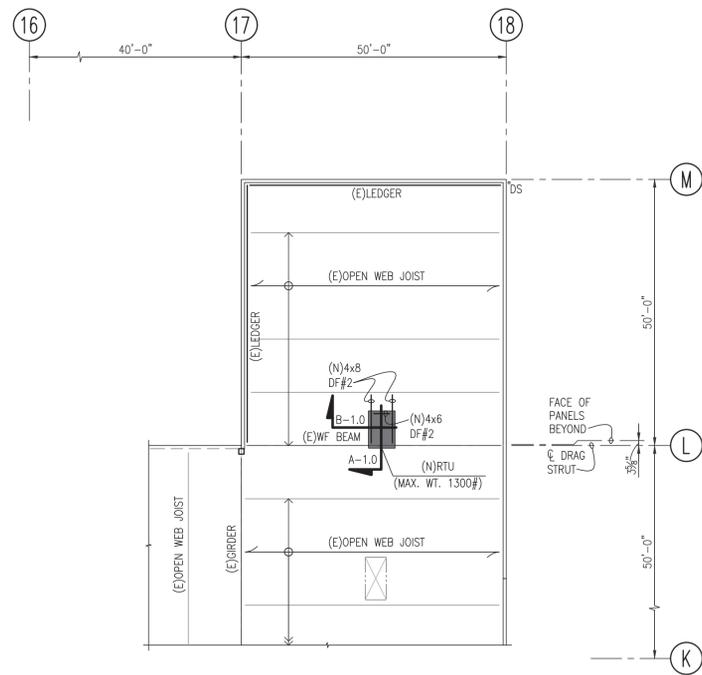
LUMBER NOT NOTED SHALL BE D.F. #2 OR BETTER.

ALL GRADES SHALL CONFORM TO WWPA WESTERN LUMBER GRADING RULES -- 2021 EDITION. ALL BOLTS HEADS AND NUTS BEARING AGAINST WOOD SHALL BE PROVIDED WITH STANDARD CUT WASHERS EXCEPT AS NOTED FOR ANCHOR BOLTS UNDER STRUCTURAL STEEL SECTION. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED. MAXIMUM MOISTURE CONTENT 19% AT INSTALLATION FOR ALL LUMBER.

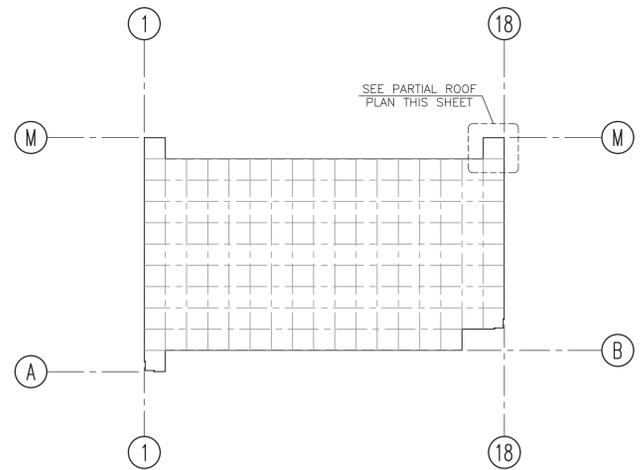
WOOD SHEATHING:
ROOF SHEATHING.....15/32" OSB OR 15/32" CDX PLYWOOD STRUCTURAL I RATED PANELS WITH STRENGTH AXIS PARALLEL TO SUPPORTS W/EXTERIOR GLUE.....INDEX 32/16

ALL PLYWOOD SHALL CONFORM TO U.S. PRODUCT STANDARD PS 1-19. ALL O.S.B. SHALL CONFORM TO U.S. PRODUCT STANDARD PS 2-18. NAILING SHALL BE AS INDICATED ON PLAN. HIGH SHEAR DIAPHRAGMS SHALL HAVE SPECIAL INSPECTIONS AS OUTLINED BELOW. CONTRACTOR IS TO CALL THE ENGINEER TO SCHEDULE SITE VISIT PRIOR TO COVERING ROOF SHEATHING.

(GENERAL NOTES CONTINUED ABOVE LEFT)



PARTIAL ROOF FRAMING PLAN
SCALE: 3/8"=1'-0"
NOTES: 1) VERIFY EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD. NOTIFY ARCHITECT AND ENGINEER OF DIFFERENCES.



OVERALL BUILDING PLAN
SCALE: 1"=200'-0"



Digitally signed by Carson Thompson
Date: 2025.07.03 15:18:57 -07'00'

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Bellevue, Washington 98005
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RIVERFRONT INDUSTRIAL PARK B
HVAC T.I.
1601 INDUSTRIAL PARKWAY SUITE 101
PUYALLUP, WASHINGTON 98371
GENERAL NOTES, PLAN & SECTIONS

ENGINEER: AH
CHECKED BY: JH
JOB No.: 25-01.82

SHEET No.:
S1.0
1 OF 1

DUCTWORK

All duct dimensions on plans are clear inside dimensions. Add for insulation to each dimension to obtain outside dimensions.

The first number on all duct sizing is the width and the second is the height.

All ductwork is low pressure.

Materials within ducts or plenums shall have a flame spread rating less than 25 and a flame smoke development rating less than 50 per the IMC.

All duct supports per the IMC.

All duct gauges per the IMC.

Attach diffusers and grilles to the t-bar grid with caddy clips on 2 sides.

Seismic support all ductwork per code.

Balancing dampers are to be installed in all supply runs.

R-4.2 Insulated per the Washington State Energy Code along with the IMC.

Seal ductwork joints with UL 181 ductseal, attach flexible duct with Durodine Panduit straps with a 181 rating.

COMPLETION

1. As-Built Record Drawings
Provide Operating and Maintenance Manuals with minimum information specified in WSEC to Owner within 90 days of system acceptance.

2. System Balancing
Provide a written balancing report documenting testing and balancing of air systems as specified in WSEC to Owner.

3. Systems Commissioning
a. All HVAC control systems shall be tested in accordance with WSEC.
b. For all HVAC units, verify that thermostat activates heating mode, cooling mode, for all available stages, and verify that fan is set to run during all occupied hours. Verify initial programming of thermostat. Verify unit operation per ASE1 Start and Test Report.
c. For all HVAC units with economizers, verify that system controls activate economizer dampers when outdoor setpoint makes free cooling available, and that dampers modulate in conjunction with mechanical cooling staging per WSEC.
d. A Preliminary Commissioning Report shall be prepared, with minimum information specified in WSEC.
e. A Final Commissioning Report per WSEC shall be prepared and filed with the Owner.

SEQUENCE OF OPERATION

Temperature control sequence of operation:

- In the "OCCUPIED" position the outside air damper at the unit shall open when the fan starts. Fan shall run continuously in the occupied mode.
 - Heating-occupied cycle:
The room thermostat shall activate the gas valve to maintain space temperature.
 - Cooling-occupied cycle, free cooling:
Return air damper closes and fresh air damper opens, power exhaust turns on. If free cooling is unable to keep up with cooling requirements the mechanical cooling starts up.
 - Cooling-occupied cycle:
The room thermostat shall cycle the refrigeration system to maintain space temperature.
 - Unoccupied cycle:
The outside air damper at the unit shall remain closed. The thermostat shall cycle the unit fan and the compressor or gas valve to maintain the unoccupied temperature.
- OCCUPIED COOLING SETPOINT: 75 DEGREES
OCCUPIED HEATING SETPOINT: 68 DEGREES
UNOCCUPIED COOLING SETPOINT: 82 DEGREES
UNOCCUPIED HEATING SETPOINT: 62 DEGREES

OCCUPANCY TYPE	ROOM NUMBER	NAME	AREA	LOAD FACTOR	OCCUPANT LOAD
Level 1					
B	101	OPEN OFFICE	1,615 SF	150 SF	11
B	102	BREAK	245 SF	15 SF	17
B	103	TOILET	58 SF	150 SF	1
B	104	TOILET	58 SF	150 SF	1
B	105	WOMENS	142 SF	150 SF	1
B	106	MENS	116 SF	150 SF	1

MECHANICAL GENERAL NOTES:

- AN AIR BALANCE SHALL BE PERFORMED
- EXHAUST AND OUTSIDE AIR DEVICE WITHIN 10% OF THE REQUIREMENTS AND FURNISH A REPORT TO THE CONSTRUCTION MANAGER.
- ALL DUCT SIZES SHOWN ARE INSIDE SHEET METAL SIZES AND DO NOT ACCOUNT FOR INSULATION, MINIMUM R-8 INSULATION IN UNCONDITIONED SPACE. INSULATE ALL CONDITIONED SPACE DUCTS, EXTERNALLY TO R-6 WITH FIBERGLASS INSULATION WITH A VAPOR BARRIER, TAPE ALL JOINTS. DUCT SEAL ALL METAL JOINTS WITH UL 181A TYPE SEALANT.
- MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 8'-0"
- SUPPLY AIR DUCT AND RETURN AIR DUCT UP THRU ROOF TO PACKAGED ROOFTOP UNIT. TRANSITION DUCTWORK TO FULL SIZE OF UNIT OPENING AS REQUIRED.
- MOUNT DUCT MOUNTED SMOKE DETECTOR AT MAIN RETURN AIR DUCT PRIOR TO ANY RETURN BRANCH. SHUT DOWN ROOFTOP UNIT UPON DETECTION OF SMOKE. AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S APPROVED INSTALLATION INSTRUCTIONS.
- PROVIDE ORANGE TAGS ON ALL VOLUME AND BALANCING DAMPERS ABOVE THE CEILING. TAGS AND DAMPER HANDLES SHALL BE VISIBLE AND ACCESSIBLE FOR THE TEST & BALANCE AGENCY.
- ALL PIPING SHALL BE SUPPORTED WITH COMMERCIAL MANUFACTURED CLAMPS OR CABLES, PROVIDE ISOLATION SLEEVES TO PREVENT CONTACT TO DISSIMILAR METALS.
- GENERAL CONTRACTOR TO PROVIDE ALL SUPPLEMENTARY STEEL REQUIRED TO SUSPEND MECHANICAL EQUIPMENT AND MATERIALS.
- ALL INSULATION SHALL BE FIRE RATED IN ACCORDANCE WITH NFPA 90A 50/25 SMOKE DEVELOPMENT AND FLAME SPREAD REQUIREMENTS. INSULATION "R" VALUES SHALL COMPLY APPLICABLE ENERGY CODE.
- MOUNT ALL SPACE THERMOSTATS AND/OR SENSORS 4' ABOVE THE FLOOR, UNLESS OTHERWISE NOTED.
- THE WORK INDICATED ON THESE DRAWINGS IS GENERALLY DIAGRAMMATIC AND IS INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE THE GENERAL ARRANGEMENT OF DUCTWORK AND EQUIPMENT, ETC.
- PROVIDE BALANCING DAMPER IN EACH BRANCH CONNECTION.
- ALL DUCTWORK INSTALLED ON THIS PROJECT SHALL BE OF SHEET METAL CONSTRUCTION. DUCTWORK SHALL BE FABRICATED AND CONSTRUCTED IN ACCORDANCE WITH SMACNA REQUIREMENTS.

ROOFTOP HVAC UNIT SCHEDULE

MARK	MAKE	MODEL	AIR FLOW (CFM)	OA FLOW (CFM)	AMBIENT OAT (F)	EXT. S.P. (IN.W.C.)	COOLING ARI RATINGS			GAS HEAT		ELECTRICAL			APPROX. WEIGHT (LBS)	SOUND RATINGS dB	AREA SERVED	REMARKS		
							MBH	EER	IEER/SEER	FUEL	INPUT (MBH)	OUTPUT (MBH)	VOLTS / 0 / HZ	MOTOR HP					MCA (AMPS)	MOC (AMPS)
RTU-1	Lennox	KGC092H	3000	0	95/20	1.0	87.8	11	14.6	NAT	130	105	208-230/3/60	2	39	50	1,185	88	Open office & break room	1 - 2 - 3 - 4 - 5 - 6 - 7 - 8

NOTES:

- PROVIDE ECONOMIZER WITH DIFFERENTIAL ENTHALPY CONTROL, CAPABLE OF 100% OUTSIDE AIR ECONOMIZER FAULT DETECTION & DIAGNOSTICS
- 14" FACTORY CURB
- PROVIDE BAROMETRIC RELIEF DAMPER
- RETURN AIR SMOKE DETECTOR
- ROOFTOP UNITS HAVE SPARK IGNITION INTERRACIAL TO THE EQUIPMENT, STANDARD.
- OPERATING HOURS 7 AM TO 6 PM
- 2 STAGE COOLING.
- EQUIPPED WITH MULTI-STAGE AIR VOLUME MOTOR

RTU AIR BALANCE SCHEDULE

UNIT	OUTSIDE AIR FLOW (CFM)	RETURN AIR FLOW (CFM)	SUPPLY AIR FLOW (CFM)	EX-HAUST AIR FLOW (CFM)	Space PRESSURE (CFM)
RTU-1	0	3000	3000	0	0
TOTAL	0	3000	3000	0	0

ERV AIR BALANCE SCHEDULE

RM	AREA	PEOPLE	CFM
101	Break Room	17	100
100	Open Office	11	60
TOTAL			160

HONEYWELL ENERGY RECOVERY VENTILATOR SCHEDULE

SOLER & PALAU	Model Number	Interlocked or Stand Alone	Core Type	Airflow (cfm)	MAX esp (INWG)	Normal Recovery Effectiveness (Extra High Fan Speed)			Voltage / Phase	MCA / MOC
						Temperature Recovery	Enthalpy Cooling	Enthalpy Heating		
ERV-1	VNT5200E1000	Stand Alone	Cross flow fixed core	160	0.4	0.69	61%	72%	120/1	15

VENTILATION UNITS

Ventilation Unit Tag	Serving Ius	Zone Supply	Fan Speed Setting	Supply Airflow (cfm)	Zone Airflow (cfm)	Indoor Unit Airflow (cfm)	Operating Range (FDB)	Watts
ERV-1	No	Yes	High	160	160	160	34-135	126

Notes: Occupancy sensors, exhaust and intake dampers, power open/spring close.

FRESH AIR

RM	AREA	PEOPLE	CFM
101	Break Room	17	100
100	Open Office	11	60

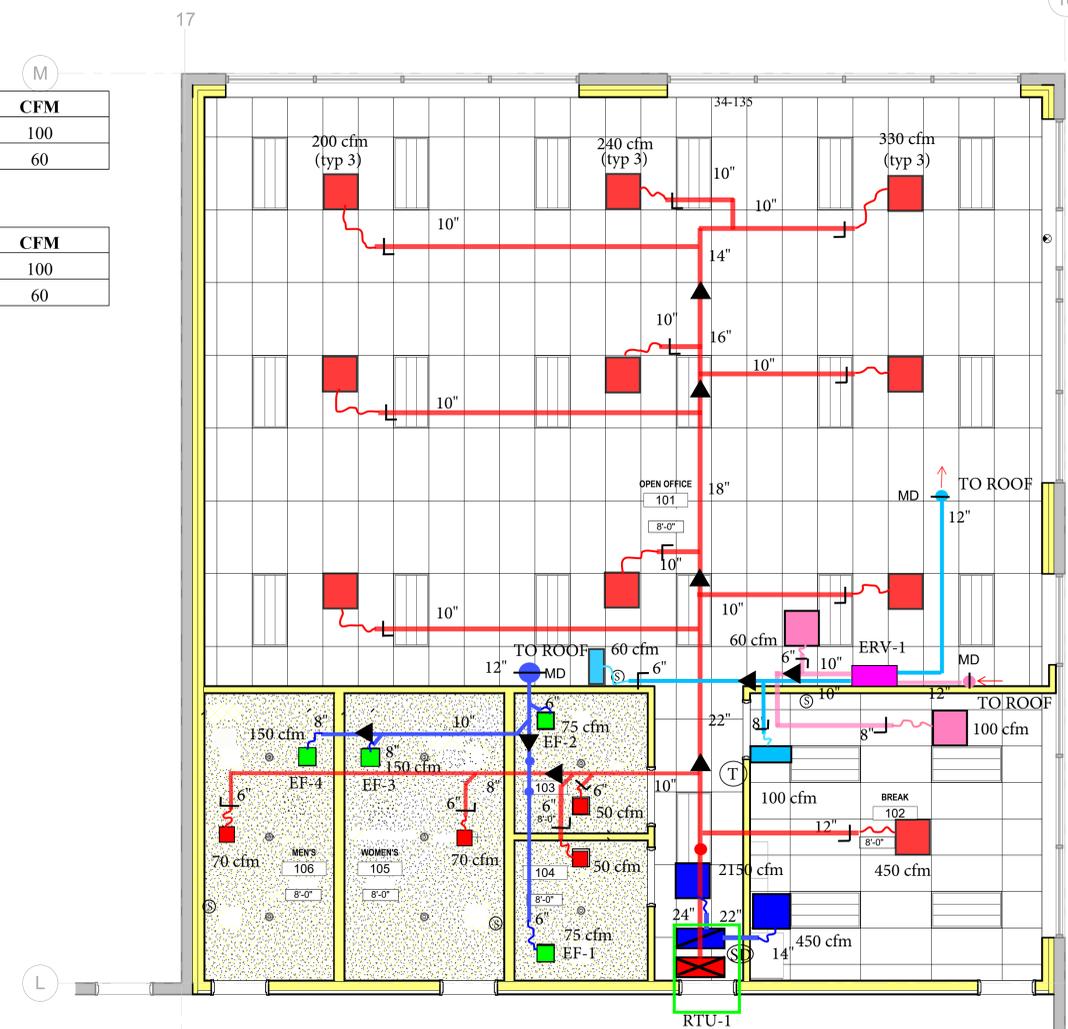
RETURN AIR

RM	AREA	PEOPLE	CFM
101	Break Room	17	100
100	Open Office	11	60

EXHAUST FAN SCHEDULE

MARK	MAKE	MODEL	TYPE	DRIVE TYPE	PERFORMANCE			ELECTRICAL			WEIGHT (LBS.)	SONES	REMARKS	AREA SERVED	
					AIR FLOW (CFM)	TOT STATIC IN.W.C.	FAN SPEED (RPM)	VOLTS / PH / HZ	FAN MOTOR HP	AMPS					WATTS
EF-1 & 2	Greenheck	SPB-90	Ceiling	DD	75	0.25	700	120/1/60			5	8	1.5	1	Office restrooms
EF-3 & 4	Greenheck	SP-A190-QD	Ceiling	DD	156	3.75	1400	120/1/60			19.5	16	1.6	1	Warehouse restrooms

NOTES: 1. Energy Star Rated



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

LEGEND

- DIFFUSER - SUPPLY
- DIFFUSER - RETURN
- EXHAUST FAN
- ERV
- SD SMOKE DETECTOR IN RTU
- S AVERAGE SENSOR
- T THERMOSTAT
- MD MOTORIZED DAMPER

DIAMOND CONSTRUCTION SERVICES LLC
 35420 MILITARY RD. S
 AUBURN, WA 98001
 DIAMOC98662
PRCTI20250997

City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PROLOGIS
RIVERFRONT INDUSTRIAL PARK - SPECULATIVE T.I.
 1601 INDUSTRIAL PARKWAY, SUITE 101
 PUYALLUP, WA 98371
 ISSUED FOR REVIEW

REV	DATE

REMARKS:

STAMP:

DATE: 6/25/25

M-1

Diamond Construction Services LLC
 35420 Military Rd S - Auburn, WA 98001
 253-797-3857 - dale-fite@comcast.net

Riverfront Industrial park 1601
 Industrial Parkway, suite 101,
 Puyallup, WA 98371

Sales Consultant: Dale Fite
 Job#: Riverfront - Puyallup
 Date: 6/26/2025

RTU-1 (Average Load Procedure)

Design Conditions

Location: Seattle-Tacoma AP, Washington Elevation: 429 ft Daily Range: Medium
 Input Data: Outdoor Dry Bulb Indoor Dry Bulb Latitude: 47° N Design Grains: 0
 Summer: 85 70 Heated Area 2232 Sq.Ft. Design Hour: 3:00 PM
 Winter: 17 73 Cooled Area 2232 Sq.Ft. Design Month: July

Heat/Loss Summary

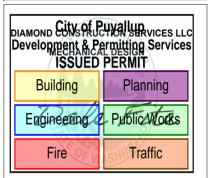
	Loss	Sensible Gain	Latent Gain
Walls	12366	1263	0
Windows	11419	17131	0
Doors	609	403	0
Ceilings	3722	1459	0
Skylights	0	0	0
Floors	7788	0	0
Room Internal Loads	0	52831	11080
Blower Load	0	0	0
Hot Water Piping Load Winter	0	0	0
Humidification Load Infiltration	0	0	0
Ventilation	5946	950	0
Supply Duct EHLF=0 ESGF=0	1448	677	0
Return Duct EHLF=0 ESGF=0	0	0	n/a
Subtotal	0	0	0
	43298	74714	11080
Total	43298	Btuh	20 kw of electric heat
Heating Total	85794	Btuh	0 Linear ft. of Hydronic Baseboard
Cooling			

*All computed calculations are estimates based on building use, weather data, and inputted values such as R-Values, window types, duct loss, etc. Equipment selection should meet both the latent and sensible gain as well as building heat loss. Calculations use the CLF/CLTD method and are intended for commercial buildings three stories or less.

AccuComm Commercial HVAC Load Calculations are based on ACCA Manual-N Principles.
 Adtek AccuComm Report Version 17.3.5 Page 1

MECHANICAL COMPLIANCE SUMMARY						
2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1 Administered by: ©2023 NECA. All rights reserved.						
Project Title		Riverfront Industrial Park - Puyallup - 2021 WSEC		For Building Department Use: Date: Jun 27, 2025		
Project & Applicant Information	Project Address	1601 Industrial Parkway				
	Applicant Name	Puyallup, WA 98371				
	Applicant Phone	Date Fite				
	Applicant Email	dale.fite@comcast.net				
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at comtechsupport@wsecgov.com						
General Occupancy	All Commercial	General Building Use Type	Warehouse, General Storage Office, Other	Building Cond. Floor Area	2,232	
General Project Types	Alteration	New Building or Addition Mechanical Scope	Alteration Mechanical Scope	Project Cond. Floor Area	2,232	
Mechanical Project Description	The installation of an HVAC system in a new office, inside an existing warehouse.			Floors Above Grade	1	
				Compliance Method	General Prescriptive	
Mechanical Compliance Scope and Method	Project Type	Mechanical Scope	Economizer (Equipment) Applied?	DOAS Ventilation Provided?	Higher Equipment Efficiency Option Applied?	Equipment Efficiency Compliance Verification
	Alteration	Single Zone Systems & Equipment	No	Yes	NA	COMPLIES
Additional Energy Efficiency (AEC) Measures Included	No mechanical additional energy efficiency measures included in project		Load Management (LDM) Measures Included		No mechanical load management measures included in project	
Additional Efficiency Credits Included (AEC)						
Does building include occupancy classification requiring DOAS?	Yes		Does project include DOAS equipment?		Yes	
Based on project scope do TSPR requirements apply?	No		Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?		No	
Scope & Space Conditioning	ALTERATION - SINGLE ZONE SYSTEMS & EQUIPMENT			Compliance Verification	COMPLIES	

DIAMOND CONSTRUCTION SERVICES LLC
 35420 MILITARY RD. S
 AUBURN, WA 98001
 DIAMOCSS956.12
PRCT120250997



PROLOGIS
RIVERFRONT INDUSTRIAL PARK - SPECULATIVE T.I.
 1601 INDUSTRIAL PARKWAY, SUITE 101
 PUYALLUP, WA 98371
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REMARKS:

STAMP:

DATE: 6/25/25

M-2

GENERAL NOTES

- INSTALLATION SHALL BE ACCOMPLISHED IN STRICT COMPLIANCE WITH NFPA, LOCAL, AND STATE AHJ'S, NEC, AND CONTRACT DRAWINGS.
- RECORD DRAWINGS ARE REQUIRED AT THE TIME OF AHJ ACCEPTANCE. PATRIOT FIRE PROTECTION, INC. REQUIRES ELECTRICAL RED LINES WITH IN TWO WEEKS PRIOR TO PRIOR AHJ TESTS.
- AGREEMENT AND CONFIRMATION OF ALL MILESTONE EVENTS WILL BE MADE WITH PATRIOT FIRE PROTECTION, INC. PROJECT MANAGER. ALL FS TECHNOLOGIES FIELD SERVICES MUST BE SCHEDULED WITH PATRIOT FIRE PROTECTION, INC. PROJECT MANAGER WITH A MINIMUM OF TEN BUSINESS DAYS ADVANCE NOTICE.
- A SET OF INSTALLATION AS-BUILT DRAWINGS SHOWING ACTUAL CONDUIT AND CONDUCTOR ROUTES SHALL BE KEPT BY PROJECT FOREMAN FOR USE BY PATRIOT FIRE PROTECTION, INC. ALARM TECHNICIAN.
- FIRE ALARM CONTROL PANEL SHALL NOT BE ENERGIZED WITHOUT THE PRESENCE OF A PATRIOT FIRE PROTECTION, INC. ALARM TECHNICIAN.
- THE FIRE ALARM SYSTEM SHALL BE MONITORED BY UNDERWRITERS LISTED MONITORING STATION BEFORE AHJ TEST.
- THE WIRING ROUTING IS DIAGRAMMATIC IN NATURE ONLY AND NOT INTENDED FOR ACTUAL CONDUIT ROUTING.
- ALL CONDUIT SIZING AND ROUTING BY ELECTRICAL CONTRACTOR PER NEC AND AHJ.
- NO LINE VOLTAGE IN SAME CONDUIT AS POWER LIMITED FIRE ALARM CABLE.
- VERIFY ALL LOCATIONS OF DEVICES WITH ELECTRICAL AND ARCHITECTURAL PLANS, SCALE AND PLACE DEVICES PER ELECTRICAL AND ARCHITECTURAL PLANS
- FIELD VERIFY WATERFLOW SWITCHES, TAMPER SWITCHES, PRESSURE SWITCHES, SMOKE DAMPERS, AND DUCT DETECTOR LOCATIONS.
- FIELD VERIFY ALL WIRING LOCATIONS AND REQUIREMENTS FOR HVAC AND FAN CONTROL.
- SMOKE DETECTORS SHALL NOT BE LOCATED WITH IN 36" OF ANY DIFFUSER
- WALL MOUNTED AUDIBLE/VISUAL APPLIANCES SHALL BE MOUNTED IN SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 80" AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR
- THE OPERABLE PART OF EACH MANUAL FIRE ALARM BOX SHALL NOT BE LESS THAN 3'-6" AND NOT MORE THAN 4'-0" ABOVE THE FINISHED FLOOR.
- NO DETECTORS SHALL BE INSTALLED UNTIL AFTER FINAL CONSTRUCTION CLEAN-UP, DETECTORS THAT HAVE BEEN INSTALLED PRIOR TO CLEAN-UP MUST BE CLEANED OR REPLACED AND WILL BE INVOICED ON A TIME AND MATERIAL BASIS.
- A DEDICATED BRANCH CIRCUIT OF ONE OF THE FOLLOWING SHALL SUPPLY PRIMARY POWER.
 - COMMERCIAL LIGHT AND POWER.
 - AN ENGINE-DRIVEN GENERATOR OR EQUIVALENT WHERE A PERSON SPECIFICALLY TRAINED IN ITS OPERATIONS IS ON DUTY AT ALL TIMES.
 - AN ENGINE-DRIVEN GENERATOR OR EQUIVALENT ARRANGED FOR COGENERATION WITH COMMERCIAL LIGHT AND POWER WHERE A PERSON SPECIFICALLY TRAINED IN ITS OPERATION IS ON DUTY AT ALL TIMES.
- ALL CIRCUITS WILL BE PROPERLY TAGGED AND TESTED FOR OPENS, SHORTS, GROUNDS, AND PROPER "END-TO-LINE" RESISTANCE. EACH CIRCUITS METER READING MUST BE DOCUMENTED AND PRESENTED TO PATRIOT FIRE PROTECTION, INC. ALARM TECHNICIAN UPON ARRIVAL ONSITE FOR STARTUP AND CHECKOUT.
- NO TAPPING OF SIGNALING OR INITIATING ZONE CIRCUITS ARE ALLOWED. T-TAPPING OF STYLE 4 ADDRESSABLE CIRCUITS IS ALLOWED PROVIDING A SPLICE IS PROFESSIONALLY INSTALLED, POLARITY IS OBSERVED, AND SHIELDS ARE CONTINUOUS AND FREE OF GROUNDS. SHIELDS MUST BE TERMINATED AT THE FIRE ALARM CONTROL PANEL ONLY. CABLE SHIELDS SHALL BE SPLICED TOGETHER AT EVERY JUNCTION BETWEEN THE FIRE ALARM CONTROL PANEL AND THE LAST DEVICE ON EACH CABLE RUN. SHIELDS AND OTHER FIRE ALARM CONDUCTORS (EXCEPT POWER GROUNDS) SHALL BE INSULATED AND COMPLETELY FREE FROM CONDUIT OR EARTH GROUNDS. SHIELDS WILL BE TIED TO GROUND ONLY AT THE FIRE ALARM CONTROL PANEL.

DRAWING ACCEPTANCE

THIS DRAWING IS TO BE USED FOR THE PURPOSE OF PLACING AND LOCATING PATRIOT FIRE PROTECTION, INC. FIRE ALARM DEVICES AND IS NOT TO BE USED FOR ANY OTHER PURPOSES.

INSTALLATION COMPANY

PATRIOT FIRE PROTECTION, INC.
2707 70th AVE. E, TACOMA, WA 98424

MONITORING COMPANY

AVANGUARD MONITORING CENTERS, LLC
4699 HARRISON BLVD, SUITE 100
OGDEN, UT 84403



SCOPE OF WORK

SUITE 101 SE OFFICE TI
ADD (1) POWER SUPPLY, (3) SMOKE DETECTORS, (5) HEAT DETECTORS, (4) STROBES, (3) HORN STROBES AND (1) RELAY MODULE

SYSTEM DESIGN CODES

INTERNATIONAL BUILDING CODE (IBC 2021 EDITION)
INTERNATIONAL FIRE CODE (IFC 2020 EDITION)
NATIONAL ELECTRICAL CODE (NFPA 70 2020 EDITION)
ADA INTERNATIONAL CODE ANSIE 117.1
NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72 2019 EDITION)

USE & OCCUPANCY CLASSIFICATION

- ASSEMBLY (A) A-1 A-2 A-3 A-4 A-5
- BUSINESS (B)
- EDUCATIONAL (E)
- FACTORY & INDUSTRIAL (F) F-1 F-2
- HIGH HAZARD (H) H-1 H-2 H-3 H-4 H-5
- INSTITUTIONAL (I) I-1 I-2 I-3 I-4
- MERCANTILE (M)
- RESIDENTIAL (R) R-1 R-2 R-3 R-4
- STORAGE (S)
- UTILITY & MISCELLANEOUS (U) S-1 S-2 S-3 S-4

AUTOMATIC SPRINKLER PROTECTION

- NO PARTIAL FULL

DEVICE LEGEND

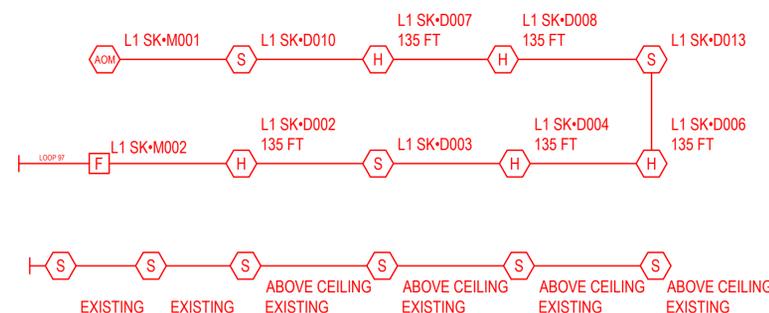
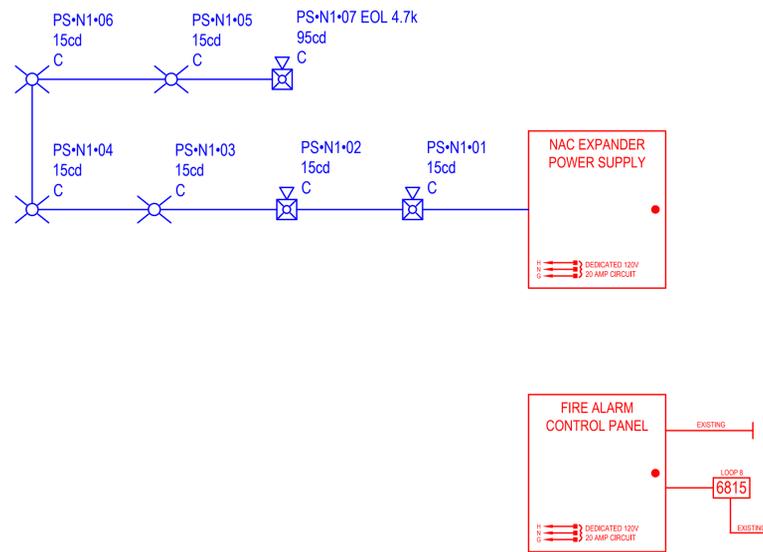
SYMBOL	NEW	EXISTING	MANUFACTURER	PART NO	DESCRIPTION
[FACU]		1	SILENT KNIGHT	6808	INTELLIGENT FIRE ALARM CONTROL PANEL WITH COMMUNICATOR
[NAC]	1		SILENT KNIGHT	SK-PS6	6.0 A, 120 VAC REMOTE CHARGER POWER SUPPLY IN A LOCKABLE METAL ENCLOSURE
[FAI]		1	SILENT KNIGHT	6855	REMOTE ANNUNCIATOR
[M]		33	SILENT KNIGHT	SK-MONITOR	MONITOR MODULE
[CM]	1		SILENT KNIGHT	SK-CONTROL	NOTIFICATION MODULE
[F]		29	SILENT KNIGHT	SK-PULL-DA	DUAL ACTION PULL STATION
[S]		5	SILENT KNIGHT	SK-DUCT-W WISK-PHOTO-R-W	INTELLIGENT NON-RELAY PHOTOELECTRIC LOW FLOW SMOKE DETECTOR HOUSING W/ DETECTOR
[S]	3	528	SILENT KNIGHT	SK-PHOTO-W W/B300-6	WHITE, LOW-PROFILE PHOTOELECTRIC SENSOR W/BASE
[H] 135 FT	5	12	SILENT KNIGHT	SK-HEAT-W W/B300-6	WHITE, LOW-PROFILE INTELLIGENT 135°F FIXED THERMAL SENSOR, W/STANDARD BASE
[C]	4		SYSTEM SENSOR	SCRLED	STROBE, CEILING, RED
[C]	3		SYSTEM SENSOR	PC2RLED	2-WIRE, HORN STROBE, CEILING, RED

OPERATION MATRIX

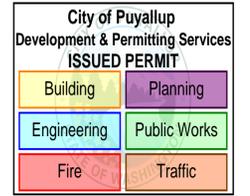
	MANUAL PULL STATION	SMOKE DETECTOR (SPDT)	WATER FLOW TAMPER	FIRE PUMP RUN	FIRE PUMP AC LOSS	SYSTEM TROUBLE	NO FAIL	COMMUNICATOR FAIL
DISPLAY OF AN ALARM EVENT AT THE FACP	X	X	X					
DISPLAY OF A SUPERVISORY EVENT AT THE FACP				X	X	X		
DISPLAY OF A TROUBLE EVENT AT THE FACP							X	X
TRANSMIT AN ALARM SIGNAL TO THE CENTRAL STATION	X	X	X					
TRANSMIT A SUPERVISORY SIGNAL TO THE CENTRAL STATION				X	X	X		
TRANSMIT A TROUBLE SIGNAL TO THE CENTRAL STATION							X	X
INITIATE BUILDING NOTIFICATION (A/V DEVICES)	X	X	X					

WIRE LEGEND

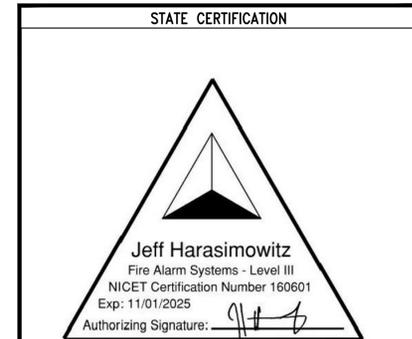
LABEL	PART NO	MANUFACTURER	APPLICATION	RESISTANCE MFT	AWG	DESCRIPTION	TOTAL LENGTH
A	162 FPLR	GENERIC	SLC	4.89	16	2 COND. SOLID COPPER FPLR ADDRESSABLE	288'
D	122 FPLR	GENERIC	NAC	1.93	12	2 COND. SOLID COPPER FPLR ANALOG UNSHIELDED	125'



RISER DIAGRAM NOT TO SCALE



PRTC120250997



REVISIONS	NO	DATE	BY	DESCRIPTION

CONTRACT WITH:	HAWK BUILDING LLC
PROJECT NAME:	RIVERFRONT MR NEW OFFICE 1601 INDUSTRIAL PARKWAY PUYALLUP, WA, 98371

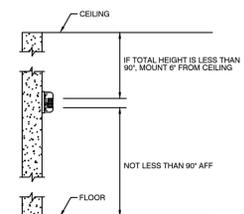
PATRIOT FIRE PROTECTION, INC.
2707 70th AVE. E. TACOMA, WA 98424
TEL: (253) 532-0967 FAX: (253) 922-6150
WWW.PATRIOTFIRE.COM
Christopher.Olsen@patriotfire.com

DESIGNER	CHRIS O.	SHEET	1 OF 3
DATE	6/24/2025		
JOB NO.	12-24233F		

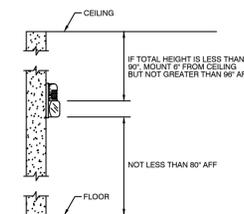
FA001

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

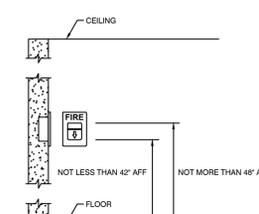
Building	Planning
Engineering	Public Works
Fire	Traffic



NFPA 72 2013, 18.4.8.1
WALL MOUNTED APPLIANCES SHALL HAVE THEIR TOPS ABOVE THE FINISHED FLOORS AT HEIGHTS OF NOT LESS THAN 90" AND BELOW THE FINISHED CEILINGS AT DISTANCES OF NOT LESS THAN 6".



NFPA 72 2013, 18.5.5.1
WALL MOUNTED APPLIANCES SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 90" AND NOT GREATER THAN 96" ABOVE THE FINISHED FLOOR.

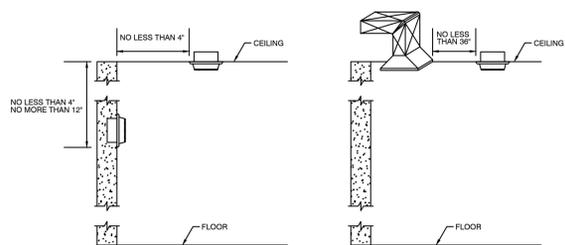


NFPA 72 2013, 17.14.5
THE OPERABLE PART OF A MANUALLY ACTIVATED ALARM INITIATING DEVICE SHALL BE NOT LESS THAN 42" AND NOT MORE THAN 48" FROM THE FINISHED FLOOR.

A FIRE ALARM - HORN MOUNTING

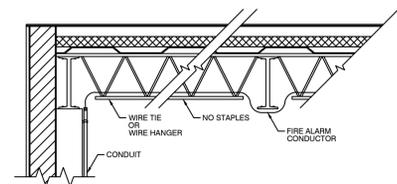
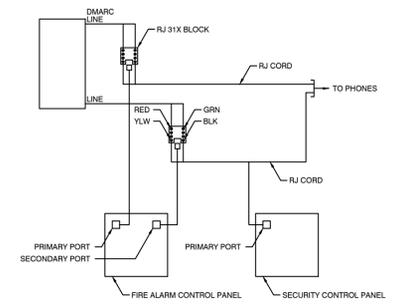
B FIRE ALARM - STROBE MOUNTING

C FIRE ALARM - PULL STATION MOUNTING



NFPA 72 2013, 17.6.3.1.3.1
DETECTORS SHALL BE LOCATED ON THE CEILING NOT LESS THAN 4" FROM THE SIDEWALL OR ON THE SIDEWALLS BETWEEN 4" AND 12" FROM THE CEILING.

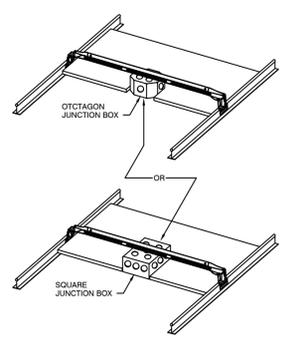
NFPA 72 2013, A.17.7.4.1
DETECTORS SHALL NOT BE LOCATED IN DIRECT AIRFLOW OR CLOSER THAN 36" FROM AN AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.



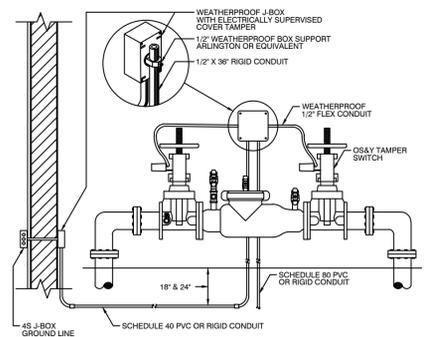
D FIRE ALARM - SMOKE & HEAT MOUNTING

E FIRE ALARM - PHONE CONNECTION

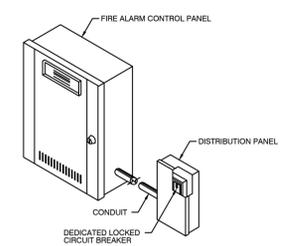
F FIRE ALARM - CEILING TO WALL TRANSITION AND OPEN WIRING



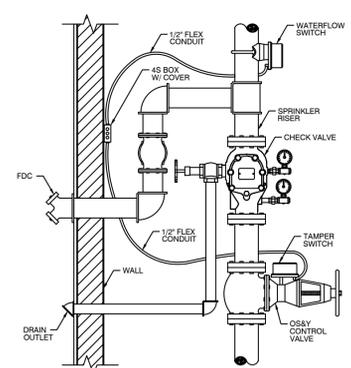
G FIRE ALARM - DROP CEILING & J BOX



H FIRE ALARM - DCVA TAMPER SWITCHES



I FIRE ALARM - POWER DISCONNECT



J FIRE ALARM - OS&Y TAMPER GATE VALVE

TYPICAL MOUNTING HEIGHTS

- NFPA 72 2019 17.15.6 THE OPERABLE PART OF EACH MANUAL FIRE ALARM BOX SHALL BE NOT LESS THAN 42in AND NOT MORE THAN 48in FROM THE FINISHED FLOOR.
- NFPA 72 2019 17.15.9.4 MANUAL FIRE ALARM BOXES SHALL BE LOCATED WITHIN 5ft OF EACH EXIT DOORWAY ON EACH FLOOR.
- NFPA 72 2019 18.4.9.1 IF CEILING HEIGHTS ALLOW, AND UNLESS OTHERWISE PERMITTED BY 18.4.9.2 THROUGH 18.4.9.5, WALL-MOUNTED APPLIANCES SHALL HAVE THEIR TOPS ABOVE THE FINISHED FLOORS AT HEIGHTS OF NOT LESS THAN 90in AND BELOW THE FINISHED CEILINGS AT DISTANCES OF NOT LESS THAN 6in.
- NFPA 72 2019 18.4.9.3 IF COMBINATION AUDIBLE/ VISIBLE APPLIANCES ARE INSTALLED, THE LOCATION OF THE INSTALLED APPLIANCE SHALL BE DETERMINED BY THE REQUIREMENTS OF 18.5.5. (SEE NOTE 5).
- NFPA 72 2019 18.5.5.1 WALL-MOUNTED APPLIANCES SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 90in. AND NOT GREATER THAN 96in ABOVE THE FINISHED FLOOR OR AT THE MOUNTING HEIGHT SPECIFIED USING THE PERFORMANCE BASED ALTERNATIVE OF 18.5.5.7.

STATE CERTIFICATION

Jeff Harasimowitz
Fire Alarm Systems - Level III
NICET Certification Number 160601
Exp: 11/01/2025
Authorizing Signature: [Signature]

REV	DESCRIPTION	DATE	BY

SHEET	DESCRIPTION
FA01	GENERAL SHEET
FA101	DEVICE LOCATIONS AND CALCULATIONS
FA102	PRODUCT TYPICALS

CONTRACT WITH:
HAWK BUILDING LLC

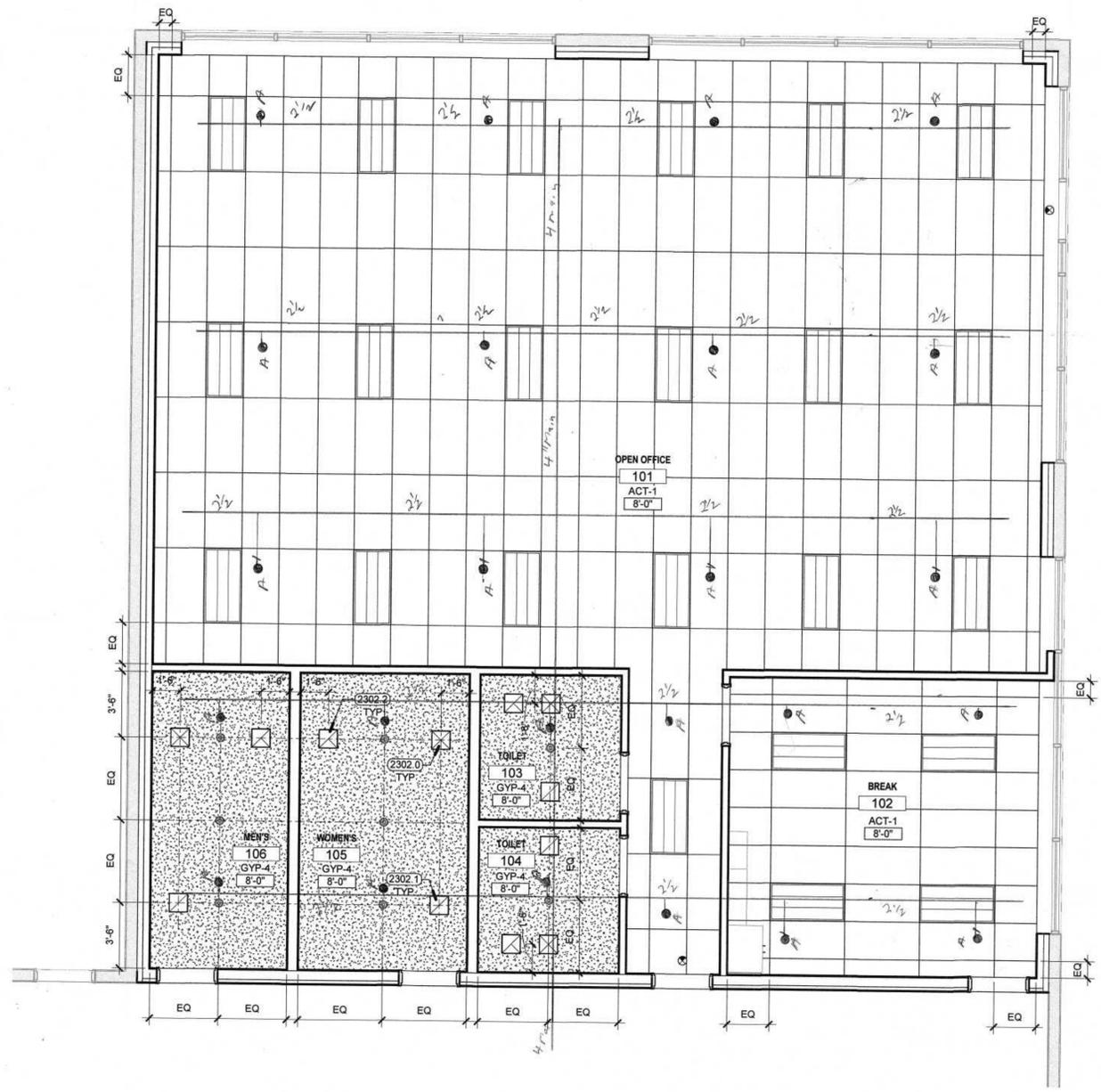
PROJECT NAME:
RIVERFRONT MR NEW OFFICE
1601 INDUSTRIAL PARKWAY
PUYALLUP, WA, 98371

PATRIOT FIRE PROTECTION, INC.
2707 70th AVE. E.
TACOMA, WA 98424
TEL: (253) 532-0967
FAX: (253) 922-6150
WWW.PATRIOTFIRE.COM
Christopher.Olsen@patriotfire.com

DESIGNER	CHRIS O.	SHEET	3 OF 3
DATE	6/24/2025	FA-102	
JOB NO.	12-24233F		

17

18



A4 RCP - OFFICE
 SCALE: 1/4" = 1'-0"
 NORTH

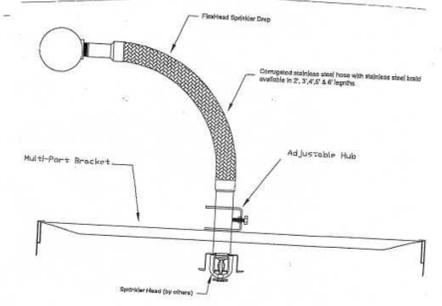
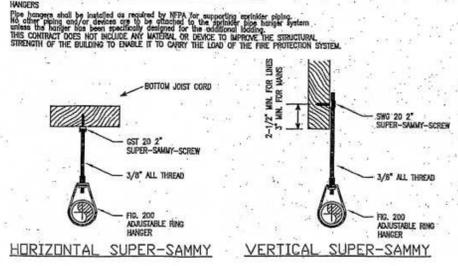
TEELOX MECHANICAL BRANCH CONNECTOR

SIZE	A	B	C
1-1/4 x 1/2	2	1-1/2	1-3/16
1-1/2 x 3/4	2-1/16	1-1/2	1-3/16
1-1/2 x 1	2-1/8	1-1/2	1-3/16
1-1/2 x 1-1/2	2	1-1/2	1-3/16
1-1/2 x 3/4	2-1/16	1-1/2	1-3/16
1-1/2 x 1	2-1/8	1-1/2	1-3/16
2 x 1/2	2-1/16	1-3/16	1-3/16
2 x 3/4	2-3/8	1-3/16	1-3/16
2 x 1	2-7/16	1-3/16	1-3/16
2-1/2 x 1/2	2-1/16	2-1/8	1-3/16
2-1/2 x 3/4	2-1/16	2-1/8	1-3/16
2-1/2 x 1	2-3/4	2-1/8	1-3/16

MAXIMUM DISTANCE BETWEEN HANGERS

HANGING PIPE SIZE	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
MAXIMUM DISTANCE	15'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"

NOTE: PIPE SIZE SHALL BE 1/2" FOR 4" AND SMALLER. PIPE SIZE SHALL BE 1/2" FOR 6" AND LARGER.



Design per NFPA 13 - Light Hazard
 All materials to be new, U.L. listed and F.M. approved
 All heads to be at least 6' apart with no obstructions

- 24 - Add Victaulic® FireLock™ V2708 Quick Response 155° Chrome Pendants 1/2 x 1/2

City of Puyallup
 Development & Permitting Services
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WASHINGTON STATE
 CERTIFICATE OF COMPETENCY
 FIRE SPOKESMAN SYSTEMS

John Thomas DeMartino
 #794-1081-CG Level 3
 Crown Fire Protection, Inc.
 CROWNFP044LL
 JTD 6/20/25
 Signature Date

CROWN
 FIRE PROTECTION
 INCORPORATED

P.O. BOX 12113
 MILL CREEK, WASHINGTON 98082-0113
 PH. (425) 481-7669

Riverfront Industrial Park
 1601 Industrial Parkway
 Suite 101
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