

Read Permit Conditions prior to calling for inspection.

Systems information legend

Pierce County & Puyallup System / 700 MHz - P25 / 1 Sectors
 Puyallup System / 800 MHz - SMR - P25 / 1 Sectors

Calculations legend

Pierce County & Puyallup System - 700 MHz - P25
 Power/Channel [dBm]
 Puyallup System - 800 MHz - SMR - P25
 Power/Channel [dBm]

Cables legend

— JS-NMNM3F-R141
 — LDF4-50A
 — WCW-ICA12-50JPLLR

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

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

City of Puyallup Fire REVIEWED FOR COMPLIANCE
 DDrake
 03/09/2026
 9:11:04 AM



City of Puyallup Development & Permitting Services ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

Attenuators for commissioning:

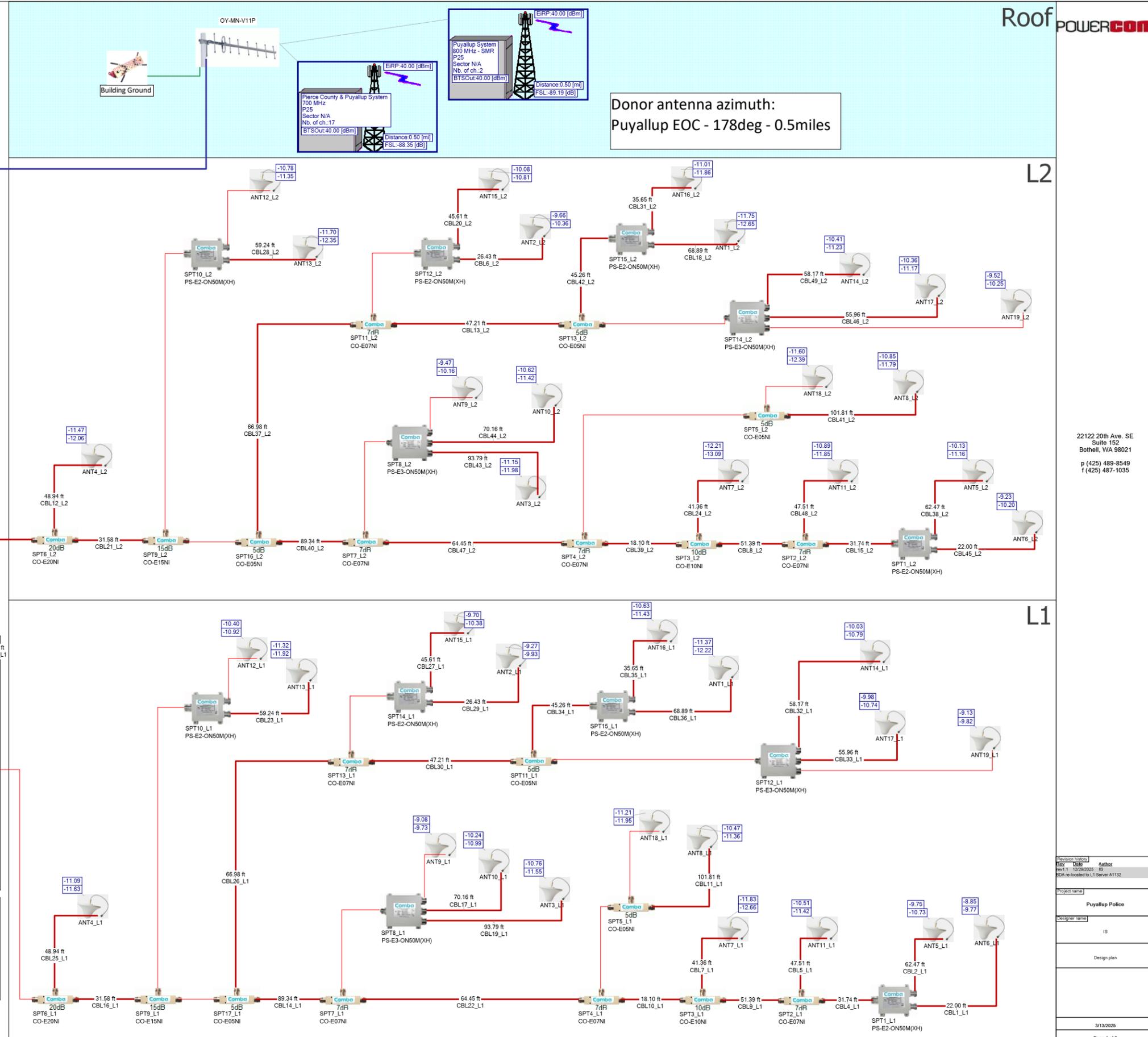


Hardwired dedicated 15AMP 110VAC circuit for BBU

L1 Server A1132
2-hour fire rated room
 (if Headend/Remote's location is changed, splitters must be re-evaluated)

DAS Alarms output to building FACP:

1. AC Fail
2. Battery Low
3. Charger Fail
4. Booster Fail
5. Donor Antenna Malfunction



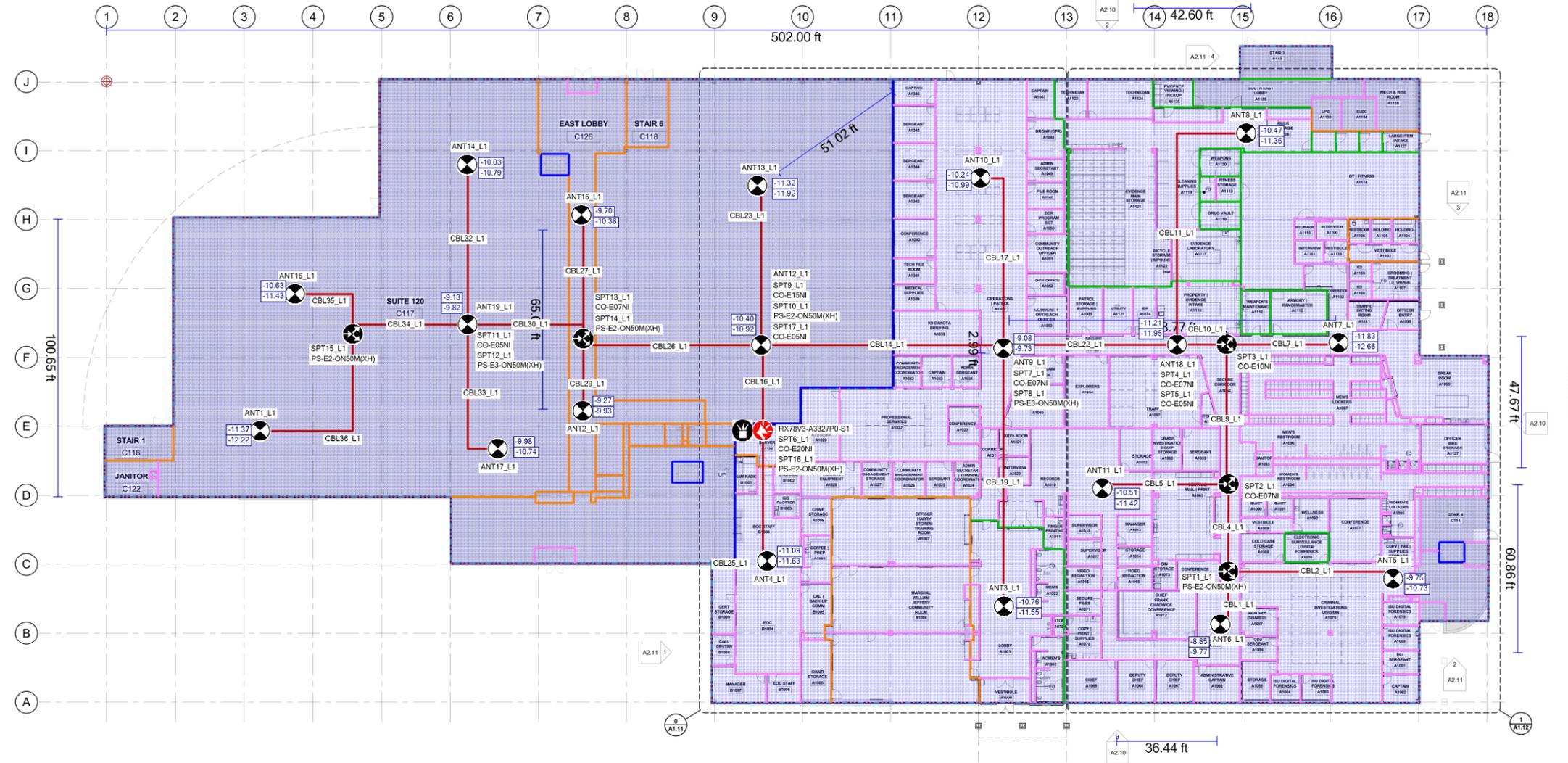
Roof POWERCOM

L2

L1

22122 20th Ave. SE
 Suite 152
 Bothell, WA 98021
 p (425) 489-8549
 f (425) 487-1035

Revision history	Author
Rev 1.1	12/20/2025 IS
BOM re-located to L1 Server A1132	
Project name	Puyallup Police
Designer name	IS
Design plan	
3/13/2025	
Page 1 of 9	



1 OVERALL FIRST FLOOR PLAN
A1.10 1/16" = 1'-0"

Systems information legend

Pierce County & Puyallup System / 700 MHz - P25 / 1 Sectors
Puyallup System / 800 MHz - SMR - P25 / 1 Sectors

Cables legend

JS-NMM3F-R141
WCW-ICA12-50-JLLR

Materials legend

Concrete [Heavy]
Concrete [Light]
Concrete [Medium]
Low E Glass
Plaster Board / Drywall [Heavy]
Concrete [Heavy]

Pictograms legend

Antenna
Repeater
Riser
Splitter

Indoor prediction legend



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REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:

**OVERALL
FIRST FLOOR
PLAN**

SHEET

A1.10

JOB NO. **2170269.07**

Permit/Bid Set 03.04.2025

Revision history
Date Author
Rev 1 12/20/2025 JS
SCL re-located to L1 Server A1132

Project name
Puyallup Police

Designer name
IS

L1



Architecture - Interiors
Planning - Engineering

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www.mackenzieinc.com

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Client

City of Puyallup

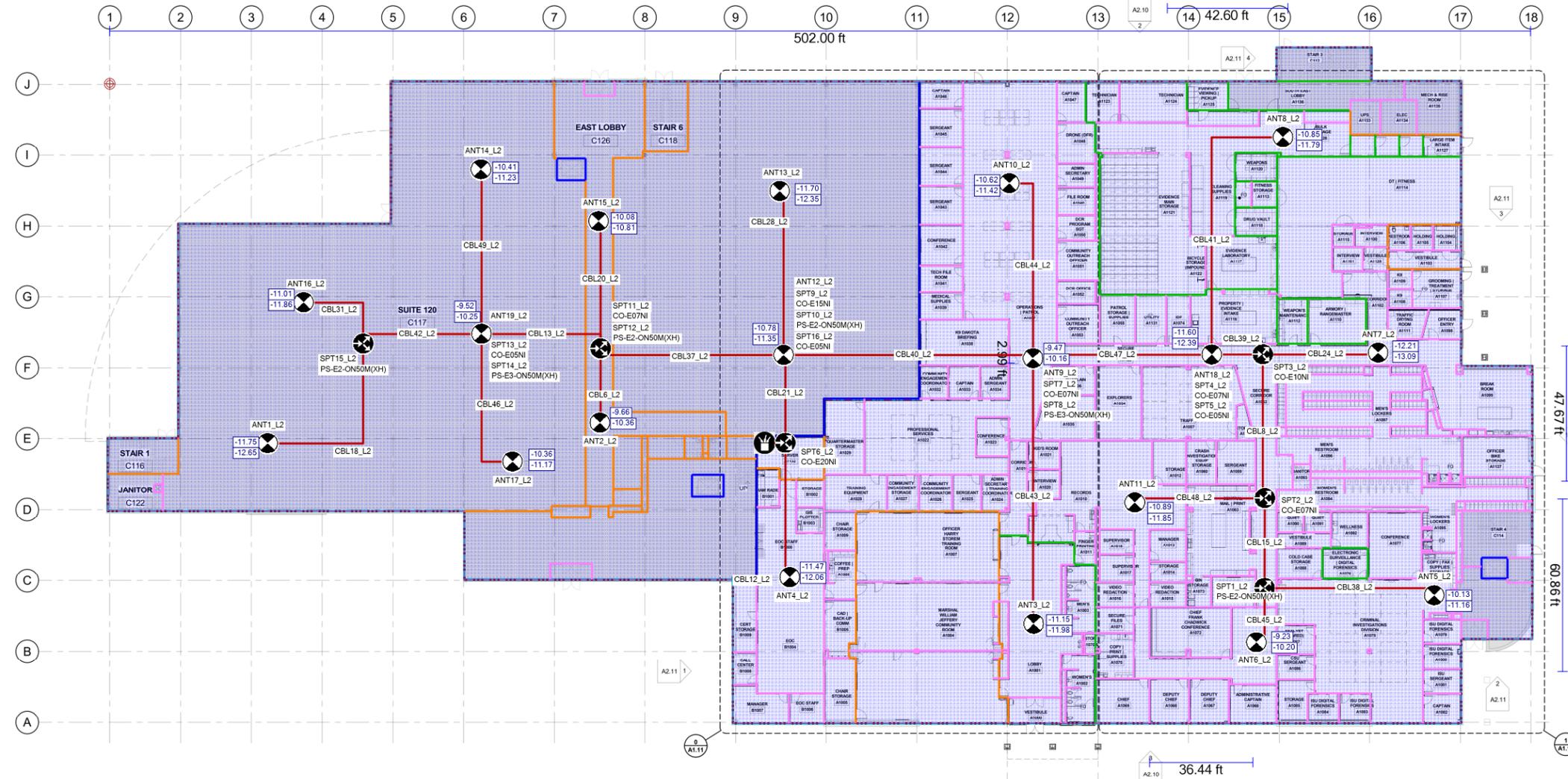


Project

**Puyallup Public
Safety Building**
1015 30th Avenue SE,
Puyallup, WA, 98374

22122 20th Ave. SE
Suite 152
Bothell, WA 98021
p (425) 489-8549
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POWERCOM



OVERALL FIRST FLOOR PLAN
1/16" = 1'-0"

Systems information legend

Pierce County & Puyallup System / 700 MHz - P25 / 1 Sectors
Puyallup System / 800 MHz - SMR - P25 / 1 Sectors

Cables legend

JS-NMM3F-R141
LDF4-50A
WCW-ICA12-50JPLLR

Materials legend

Concrete [Heavy]
Concrete [Light]
Concrete [Medium]
Low E Glass
Plaster Board / Drywall [Heavy]
Concrete [Heavy]

Pictograms legend

Antenna
Miscellaneous
Riser
Splitter

Indoor prediction legend



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REVISION SCHEDULE

Delta	Issued As	Issue Date

SHEET TITLE:
**OVERALL
FIRST FLOOR
PLAN**

SHEET

A1.10

JOB NO. **2170269.07**

Permit/Bid Set 03.04.2025

3/13/2025 5:48:06 PM 1/8" = 1'-0"

Revision history table

Revision	Date	Author
Rev 1	12/20/2025	IS
Rev 2	12/20/2025	IS

Project name: Puyallup Police
Designer name: IS
L2
3/13/2025
Page 3 of 9



Architecture - Interiors
Planning - Engineering

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Client

City of Puyallup



Project

Puyallup Public Safety Building
1015 39th Avenue SE,
Puyallup, WA, 98374

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GENERAL NOTES

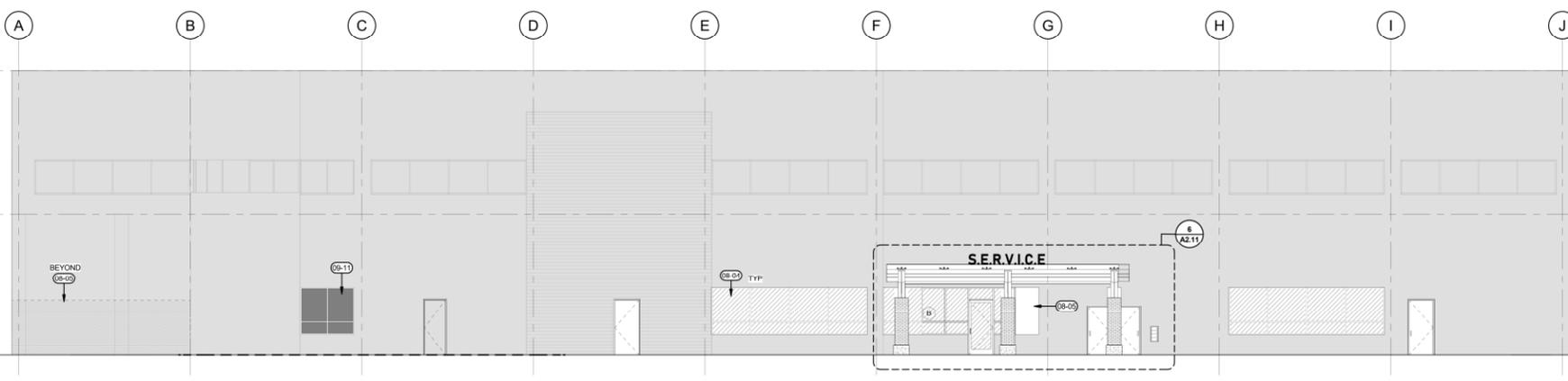
- A. CONTRACTOR SHALL VERIFY AND CONFIRM DIMENSIONS AND LAYOUT INFORMATION. NOTIFY ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS.
- B. REFER TO A6.10 FOR EXTERIOR WINDOW SCHEDULE.

LEGEND

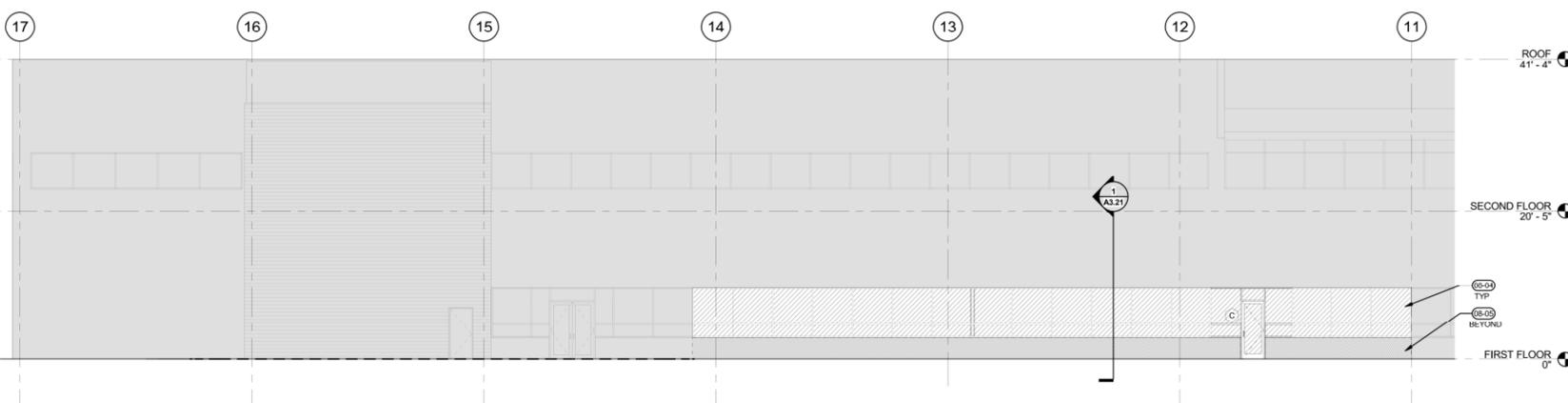
- EXISTING TO REMAIN
- S-1 STUCCO, PAINTED
COLOR: TBD
- SV-1 STONE VENEER COLUMN WRAP TYP
PRODUCT: ELDORADO STONE, STYLE: RUSTIC LEDGE, CASCADE
- WP-1 WOOD PLANK RAIN SCREEN
MATERIAL: WALNUT WOOD
- C-1 INTEGRAL COLOR CONCRETE
COLOR: SAN DIEGO BUFF 5237
- LEVEL 2 BALLISTIC INSULATED GLASS
- LEVEL 2 BALLISTIC PANELING
(INTERIOR SIDE OF WALL)
- WINDOW TAG - SEE EXTERIOR WINDOW SCHEDULE ON A6.10

KEYNOTES

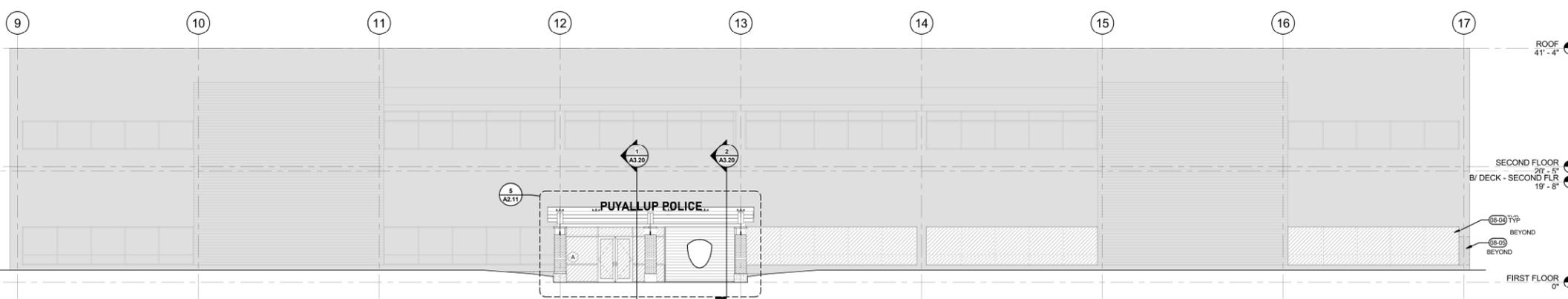
- 08-04 PROVIDE AND INSTALL LEVEL-2 RATED BALLISTIC GLAZED FILM SYSTEM TO INBOARD LITE AT WINDOW ASSEMBLY. TYP. REFER TO EXTERIOR ELEVATIONS FOR LOCATIONS. BOD: SAFEHAVEN GLAZED FILM. PROVIDE LEVEL-2 RATED BALLISTIC GLAZING AT EXTERIOR DOORS AND DOOR LITES INDICATED. TYP.
- 08-05 ALTERNATE 1 - PROVIDE BALLISTIC RATED CURTAINWALL ASSEMBLY IN ENTIRETY WHERE LEVEL-2 RATED GLAZING IS INDICATED PER EXTERIOR ELEVATIONS. TYP. SELECTIVELY DEMOLISH EXISTING WINDOW ASSEMBLY AND REPLACE WITH ALUMINUM CURTAINWALL ASSEMBLY AT GROUND LEVEL WINDOWS INDICATED.
- 09-11 FROSTED WINDOW PRIVACY FILM (WF1) - LOCATE AT INTERIOR SIDE



1 SOUTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION
1/8" = 1'-0"



3 WEST ELEVATION
1/8" = 1'-0"



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Delta	Issued As	Issue Date

SHEET TITLE:
EXTERIOR BUILDING ELEVATIONS

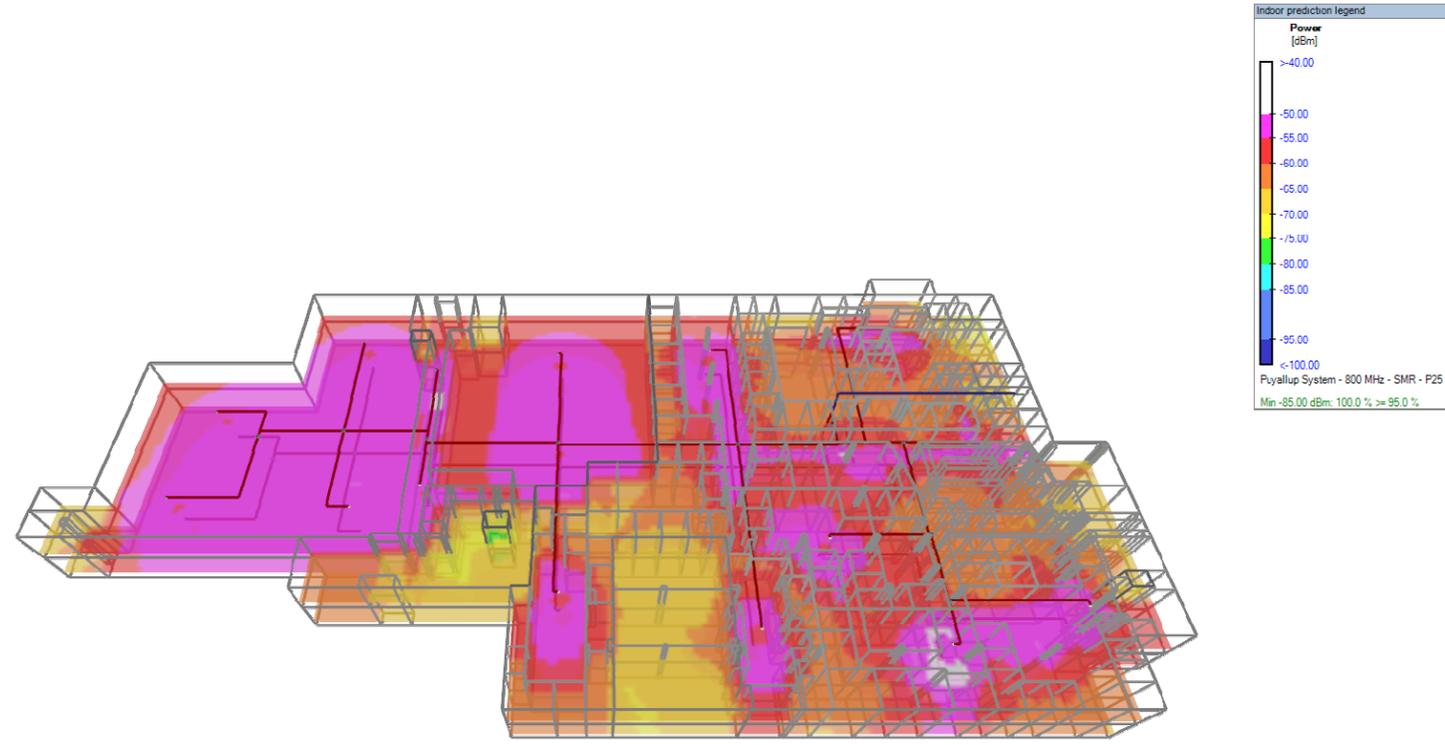
SHEET

A2.10

JOB NO. **2170269.07**

Permit/Bid Set 03.04.2025

Revision Number	Date	Author
Rev 1	12/20/2025	IS
BOM re-located to J. Server A1132		
Project Name: Puyallup Police		
Designer Name: IS		
Elevation		
3/13/2025		
Page 5 of 9		



Project Name: Puyallup Police

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Revision	Author
Rev 1.1	12/28/2025 IS
RCS file located by J. Eberhart A1132	
Project Name	Puyallup Police
Designer Name	IS
	3D
	3/13/2025
	Page 6 of 9

Installation notes

When installing Passive DAS Components, keep in your mind following factors:

1. Troubleshooting.
Splitters, antennas to be placed in easy to access obvious locations. If possible all splitters must be installed in riser rooms at 4-5 ft AFF.
2. Link Budget.
Use as less/shorter jumpers and shorter cable runs if possible.
3. Existing Infrastructure (to be discussed with general contractor/building owner).
Use existing infrastructure: cable trays, wall penetrations, riser rooms etc.
4. In-buiding Antennas.
Shall be placed in a middle of hallways.
Maintain at least 5ft from any RF emitting devices (wifi hot spots, antennas, etc.).
Antenna can be moved within 5 ft from desinged location.
If antenna location in a design is not optimal for installation, report designer suggested antenna location to change DAS model (to re-evaluate splitters, add more antennas, etc). When proposed antennas location is approved or design is changed - proceed installation.
Antenna shall not cover any signs, fire sprinklers, etc.
Antenna shall not be blocked by obstacles (HVAC, cabinets, metal mesh, etc).
5. Donor Antenna.
Donor Antenna must have clear sight of view to Donor Radio Tower.
To be mounted above any objects on the roof.
Mount Antenna close to the edge of the roof and/or away from indoor antennas if possible to maintain best isolation.
Don't weather-proof Bias-T and cable connections. To be done during commissioning.
Ground Antenna Mount to existing building ground.
Leave 30-50ft. coil of outdoor cable in case Donor antenna must be re-located.

6. Cables
Shall be supported every 4 ft.
7. Splitters
Shall be supported
8. Lables
All components shall be labled - antennas, splitters, cables, active equipment.

Testing Requirements

to be provided before commissioning starts.

1. Cable Return Loss.
-all terminated cables
- Frequency span: 700-2200MHz
- Limit: -20dB
2. Donor cable with attached donor antenna.
- Frequency span: 700-2200MHz
- Limit: -14dB
3. System Return Loss:
- Completed DAS(with attached antennas) to be tested from Headend
- Frequency span: 700-2200MHz
- Limit: -14dB

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Revision	Author
Rev 1.1	IS
Revised by: J. Jensen A1132	
Project Name	Puyallup Police
Designer Name	IS
Installation Notes	
3/13/2025	
Page 7 of 9	



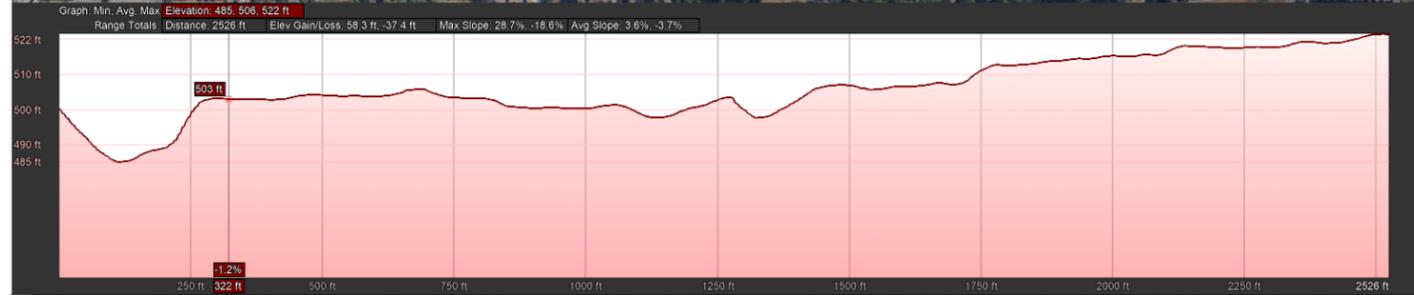
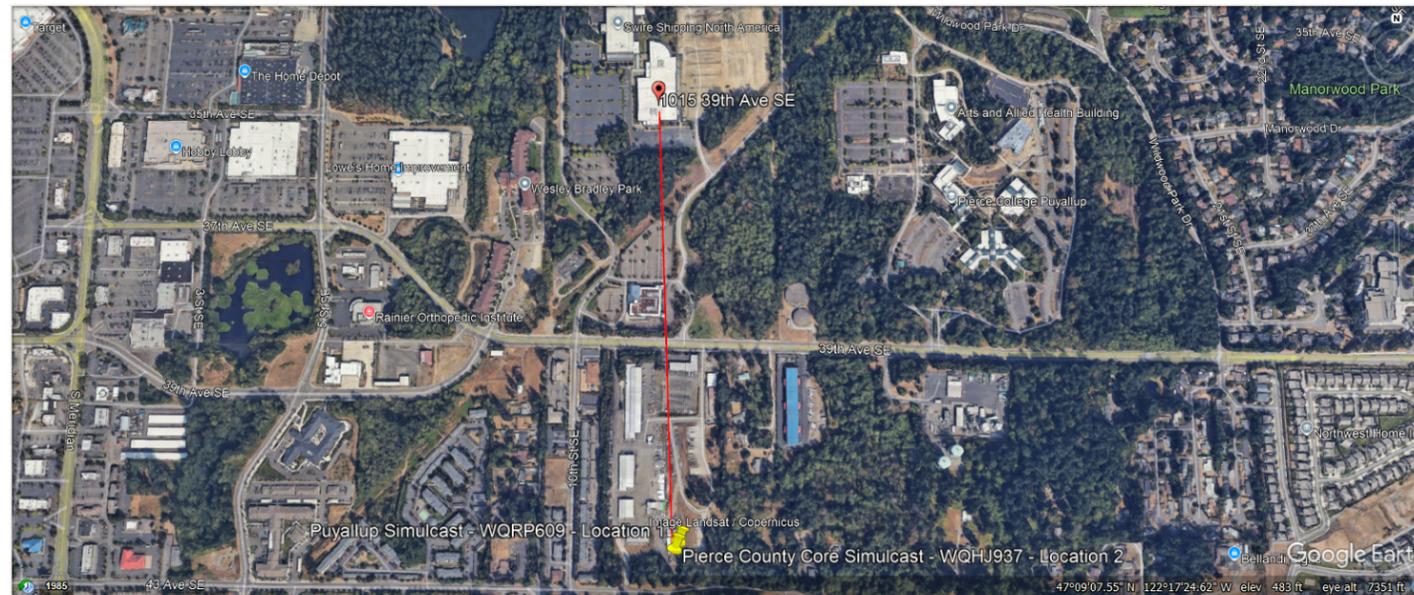
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Revision history
Rev. 1 12/29/2025 IS
Rev. 2 01/02/2026 IS

Project name
Puyallup Police

Designer name
IS

outside



Puyallup System Area

Channel Name	Description	Receive Freq	Transmit Freq	Type
03AC 5 PUY CH01	7.x Trunking System Channel	808.6250 CC	853.6250 CC	TDMA
03AC 5 PUY CH02	7.x Trunking System Channel	808.4000	853.4000 CC	TDMA
03AC 5 PUY CH03	7.x Trunking System Channel	802.13125	772.13125 CC	TDMA
03AC 5 PUY CH04	7.x Trunking System Channel	801.88125	771.88125 CC	TDMA
03AC 5 PUY CH05	7.x Trunking System Channel	801.60625	771.60625	TDMA
03AC 5 PUY CH06	7.x Trunking System Channel	801.30625	771.30625	TDMA
03AC 5 PUY CH07	7.x Trunking System Channel	801.05625	771.05625	TDMA

Pierce County Core Simulcast

Channel Name	Description	Receive Freq	Transmit Freq	Type
01E7 PC/PT CH01	7.x Trunking System Channel	804.48125	774.48125 CC3	TDMA
01E7 PC/PT CH02	7.x Trunking System Channel	803.98125	773.98125 CC1	TDMA
01E7 PC/PT CH03	7.x Trunking System Channel	800.60625	770.60625 CC4	Dynamic Dual Mode
01E7 PC/PT CH04	7.x Trunking System Channel	800.35625	770.35625 CC2	Dynamic Dual Mode
01E7 PC/PT CH05	7.x Trunking System Channel	800.10625	770.10625	Dynamic Dual Mode
01E7 PC/PT CH06	7.x Trunking System Channel	799.85625	769.85625	Dynamic Dual Mode
01E7 PC/PT CH07	7.x Trunking System Channel	799.58125	769.58125	TDMA
01E7 PC/PT CH08	7.x Trunking System Channel	799.33125	769.33125 BSI	TDMA
01E7 PC/PT CH09	7.x Trunking System Channel	804.73125	774.73125	Dynamic Dual Mode
01E7 PC/PT CH10	7.x Trunking System Channel	803.45625	773.45625	Dynamic Dual Mode
01E7 PC/PT CH11	7.x Trunking System Channel	801.78125	771.78125	Dynamic Dual Mode
01E7 PC/PT CH12	7.x Trunking System Channel	800.85625	770.85625	Dynamic Dual Mode

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Revision History	Author
Rev 1.1	12/29/2025 IS
RCH re-located to L1 Server A1132	
Project Name	Puyallup Police
Designer Name	IS
Donor Sites	
3/13/2025	
Page 9 of 9	