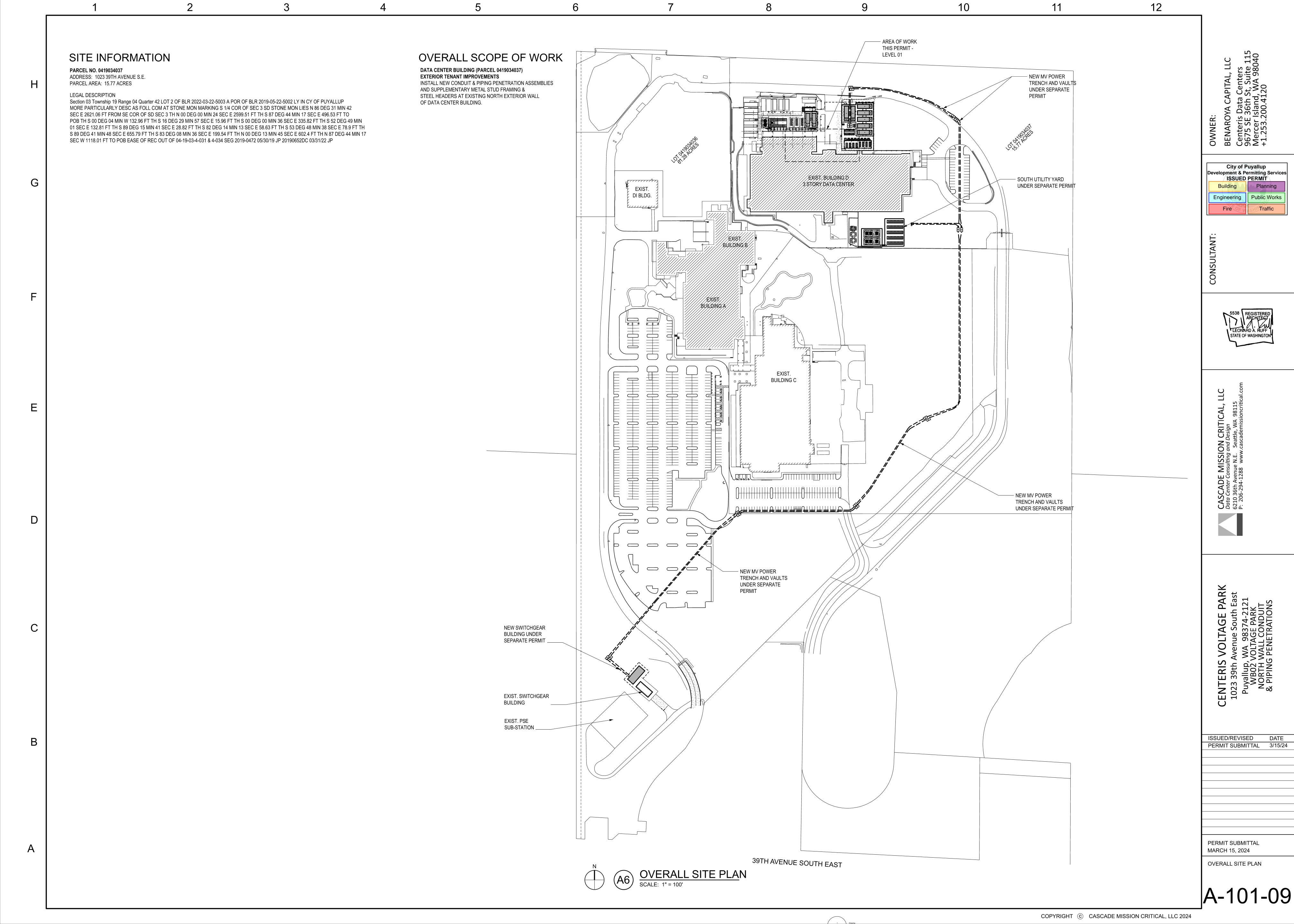
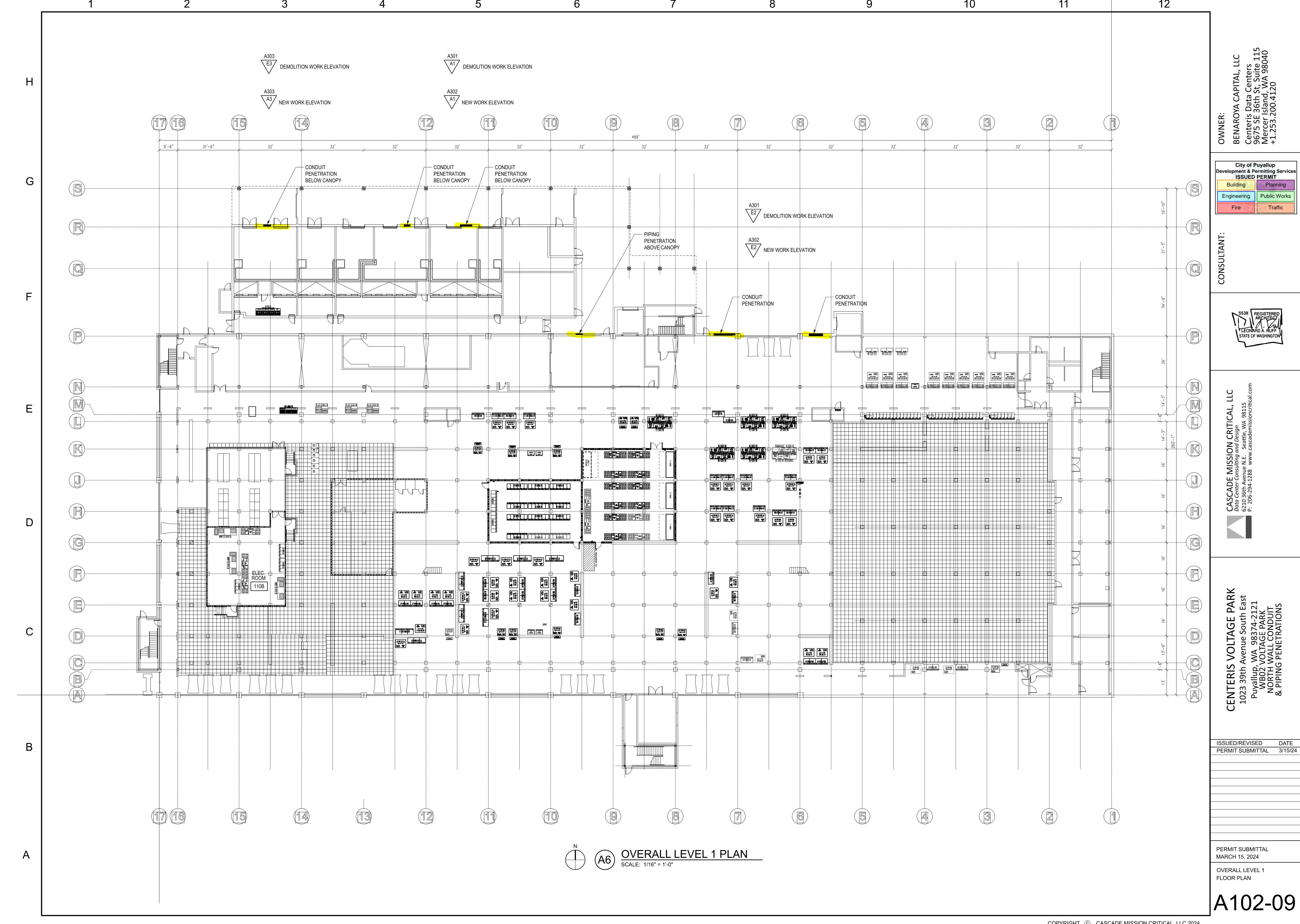


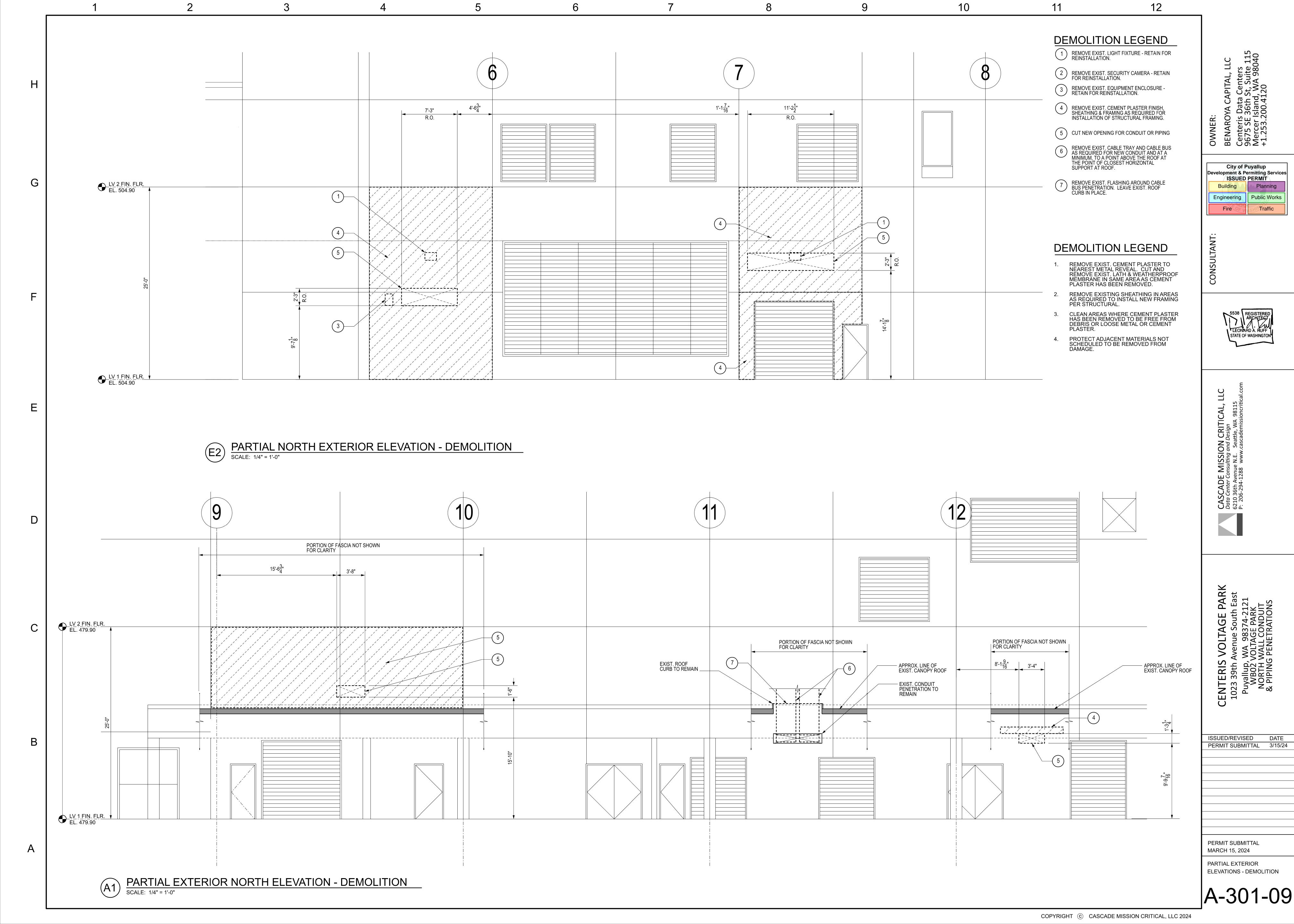
Planning

Public Works

Traffic

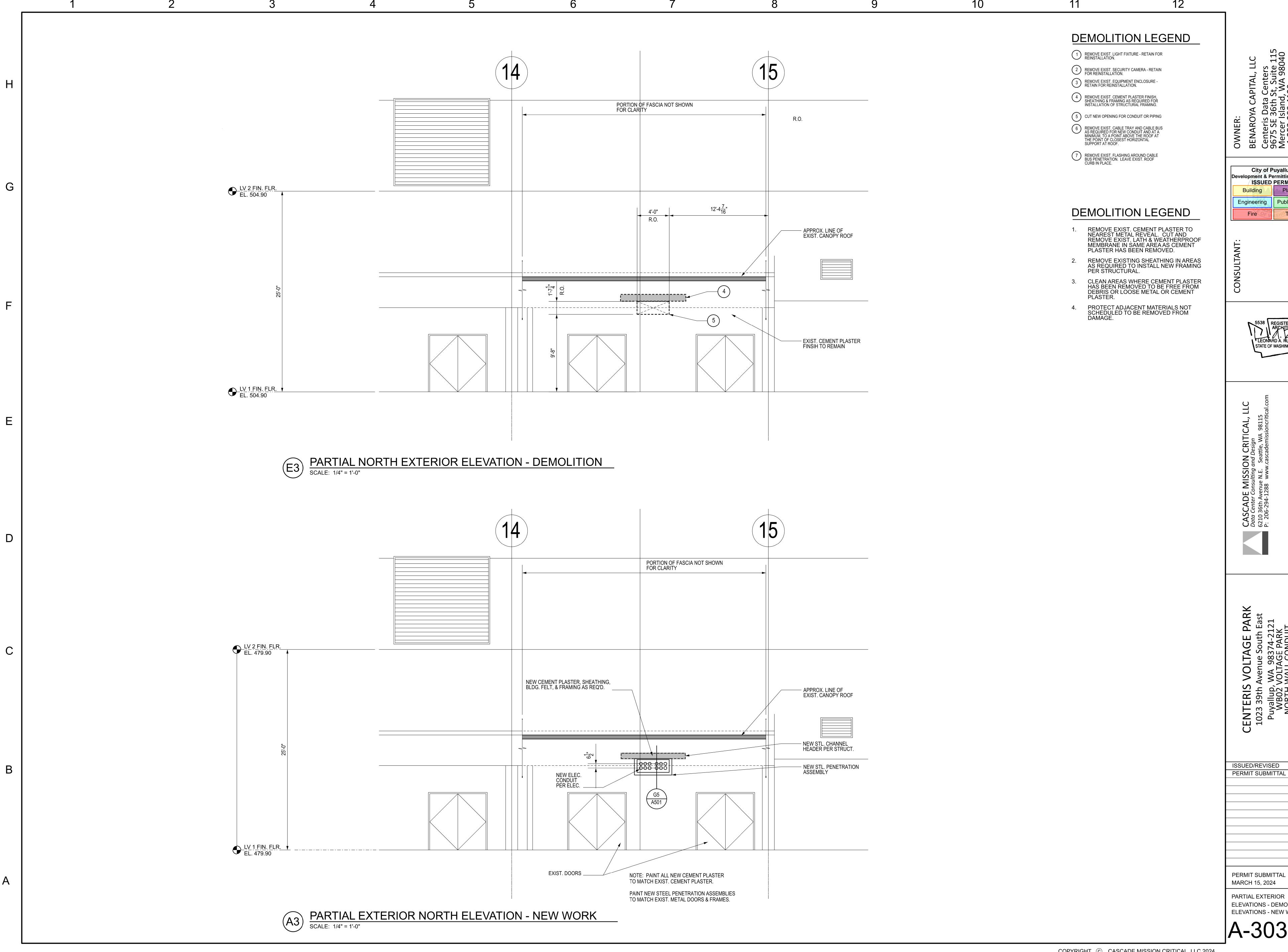








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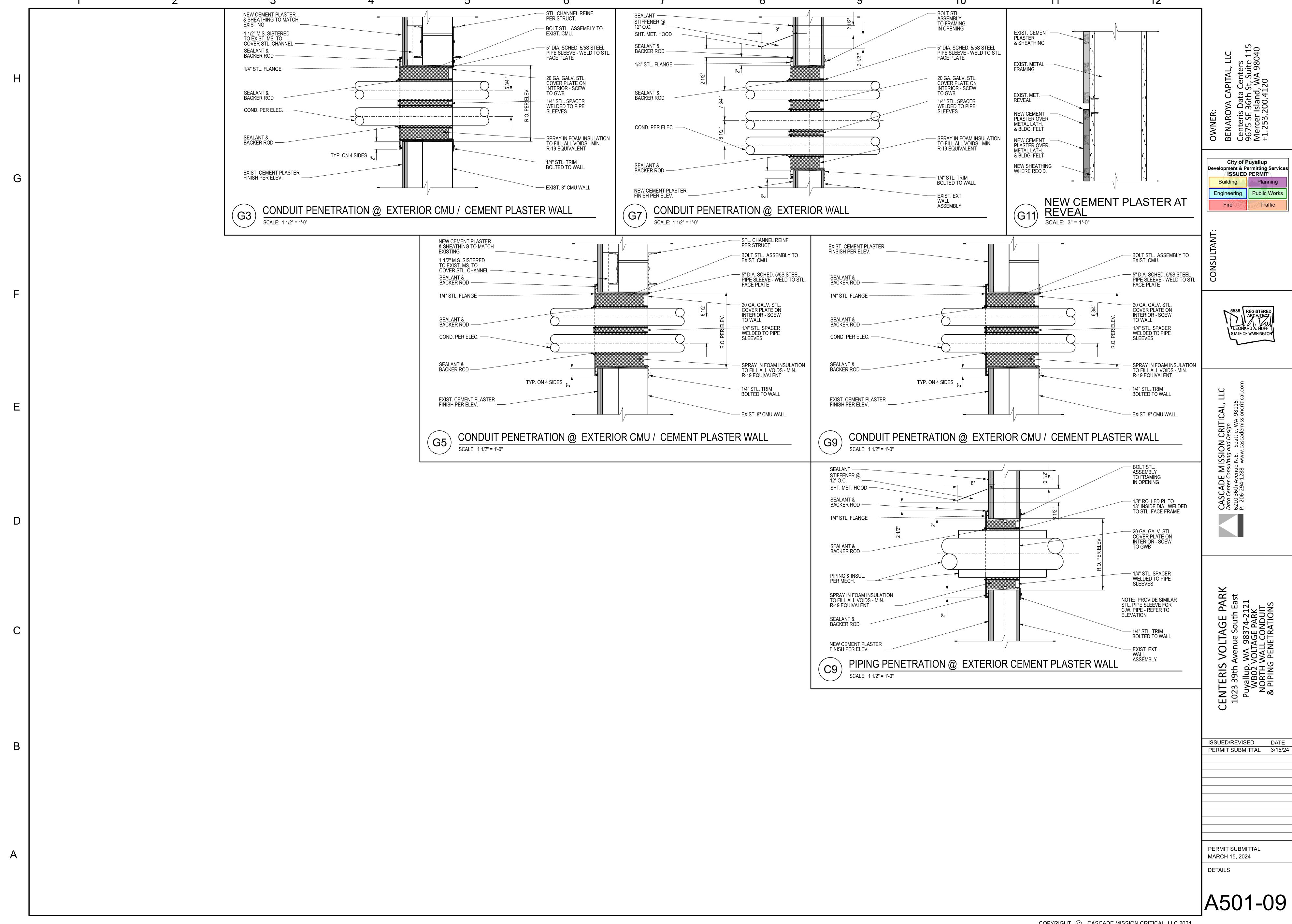
City of Puyallup **Development & Permitting Services** ISSUED PERMIT Planning Public Works Engineering Traffic Fire



ISSUED/REVISED PERMIT SUBMITTAL 3/15/24

PERMIT SUBMITTAL MARCH 15, 2024

> **ELEVATIONS - DEMOLITION ELEVATIONS - NEW WORK**



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5 EXTERIOR METAL STUD WALL ELEVATION AND DETAILS

## EXTERIOR METAL STUD WALL FRAMING SCHEDULE NOTES

- FULLY-SHEATH EACH FACE OF STUDS FULL-HEIGHT OR PROVIDE BRIDGING/BRACING AT 48" OC MAX UNLESS NOTED OTHERWISE.
- 2. ALL STUDS SHALL FULLY BEAR ON BOTTOM TRACK -- SHIM WHERE NECESSARY. WEB STIFFENERS ARE NOT REQUIRED UNLESS OTHERWISE SPECIFIED.
- 3. TOP/BOTTOM TRACK PENETRATIONS OR FLANGE CLIPS UP TO 2/3(TRACK WIDTH) ARE STRUCTURALLY ACCEPTABLE 16" CLEAR FROM ANY JAMB STUDS ADD ANCHOR ON EITHER SIDE OF OPENING IF ANCHOR IS INTERRUPTED.
- 4. WALL STUDS, CRIPPLE STUDS, JAMBS, HEADERS AND SILLS SHALL NOT BE SPLICED.
- 5. ALL COLD-FORMED STEEL STUDS, TRACKS AND LIGHT GAGE ANGLES SHALL CONFORM TO ASTM A653 SS GRADE 50 (Fy=50KSI) FOR 118, 97, 68 AND 54 MILS MEMBERS AND ASTM 653 SS GRADE 33 (Fy=33KSI) FOR 43 MILS AND LIGHTER MEMBERS.
- 6. SHOTPINS SHALL BE ONE OF THE FOLLOWINGS UNLESS NOTED OTHERWISE:

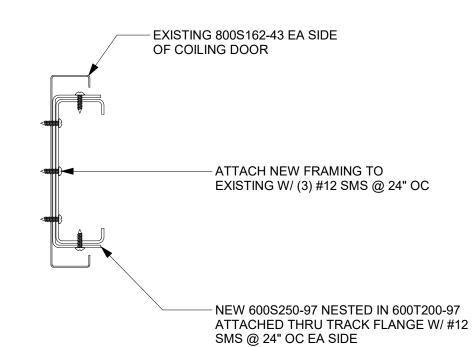
   HILTI X-U POWDER-ACTUATED FASTENERS (PAF), EMBEDDED 3/4" INTO CONCRETE. INSTALL FASTENERS PER REQUIREMENTS FROM ICC-ES REPORT ESR-2269 AND ALL MANUFACTURER RECOMMENDATIONS.

   HILTI X-GHP GAS-ACTUATED FASTENERS, EMBEDDED 5/8" INTO CONCRETE. INSTALL FASTENERS PER
  - REQUIREMENTS FROM ICC-ES REPORT ESR-1752 AND ALL MANUFACTURER RECOMMENDATIONS.

     HILTI X-P B3 ELECTROMECHANICAL-DRIVEN FASTENERS, EMBEDDED 5/8" INTO CONCRETE. INSTALL FASTENERS PER REQUIREMENTS FROM ICC-ES REPORT ESR-1752 AND ALL MANUFACTURER RECOMMENDATIONS. DO NOT CONFUSE WITH X-P PAF (SEE ABOVE)
- SHOTPINS INSTALLED IN STRUCTURAL STEEL SHALL BE DRIVEN TO WHERE THE POINT OF THE FASTENER PENETRATES THE STEEL BASE MATERIAL.
- 7. FOR ALL SHOTPINS UNLESS NOTED OTHERWISE:
  MINIMUM SPACING IN CONCRETE SHALL BE 4" OC.
  MINIMUM EDGE DISTANCE IN CONCRETE SHALL BE 3".
  MINIMUM SPACING IN STEEL SHALL BE 1 1/2" OC.

MINIMUM EDGE DISTANCE IN STEEL SHALL BE 1/2".

- 8. CONCRETE SCREWS SHALL BE HILTI KH-EZ. SEE DETAILS FOR REQUIRED EMBEDMENTS. ALL DRILLING IN CONCRETE SHALL CONFORM TO REQUIREMENTS BY BUILDING ENGINEERING OF RECORD. DO NOT DAMAGE REINFORCING.
- 9. SHEET-METAL SCREWS (SMS) SHALL BE SELF-TAPPING, SELF-DRILLING FASTENERS IN COMPLIANCE WITH ASTM C1513 AND SHALL HAVE A TYPE II COATING IN ACCORDANCE WITH ASTM B633.
- 10. ANCHOR TOP TRACKS AND BOTTOM TRACKS TO SUPPORTING STRUCTURE PER DETAILS. ALL SUPPORTING STRUCTURES SHALL BE REVIEWED BY OTHERS FOR LOADS IMPOSED BY NEW METAL STUD FRAMING.
- 11. IT IS STRUCTURALLY ACCEPTABLE TO USE A THICKER FRAMING MEMBER PROVIDED THE WEB SIZE REMAINS UNCHANGED AND FLANGE SIZE REMAINS UNCHANGED OR IS INCREASED.

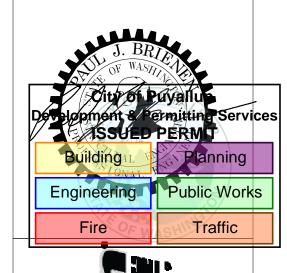


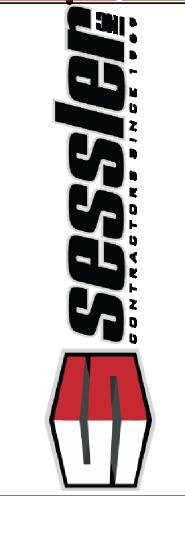
10 EXISTING JAMB/STUD REINFORCEMENT
3" = 1'-0"

BsE

Brienen
Structural
Engineers

1316 Central Ave. S., Suite 200
Kent, WA 98032
(206) 397-0000 ~ www.bse-ps.com





1023 39TH AVENUE SOUTH EAST

Issue Date
For Approval 03/13/2024

Job # 24201

Drawn BJB

Checked PJB

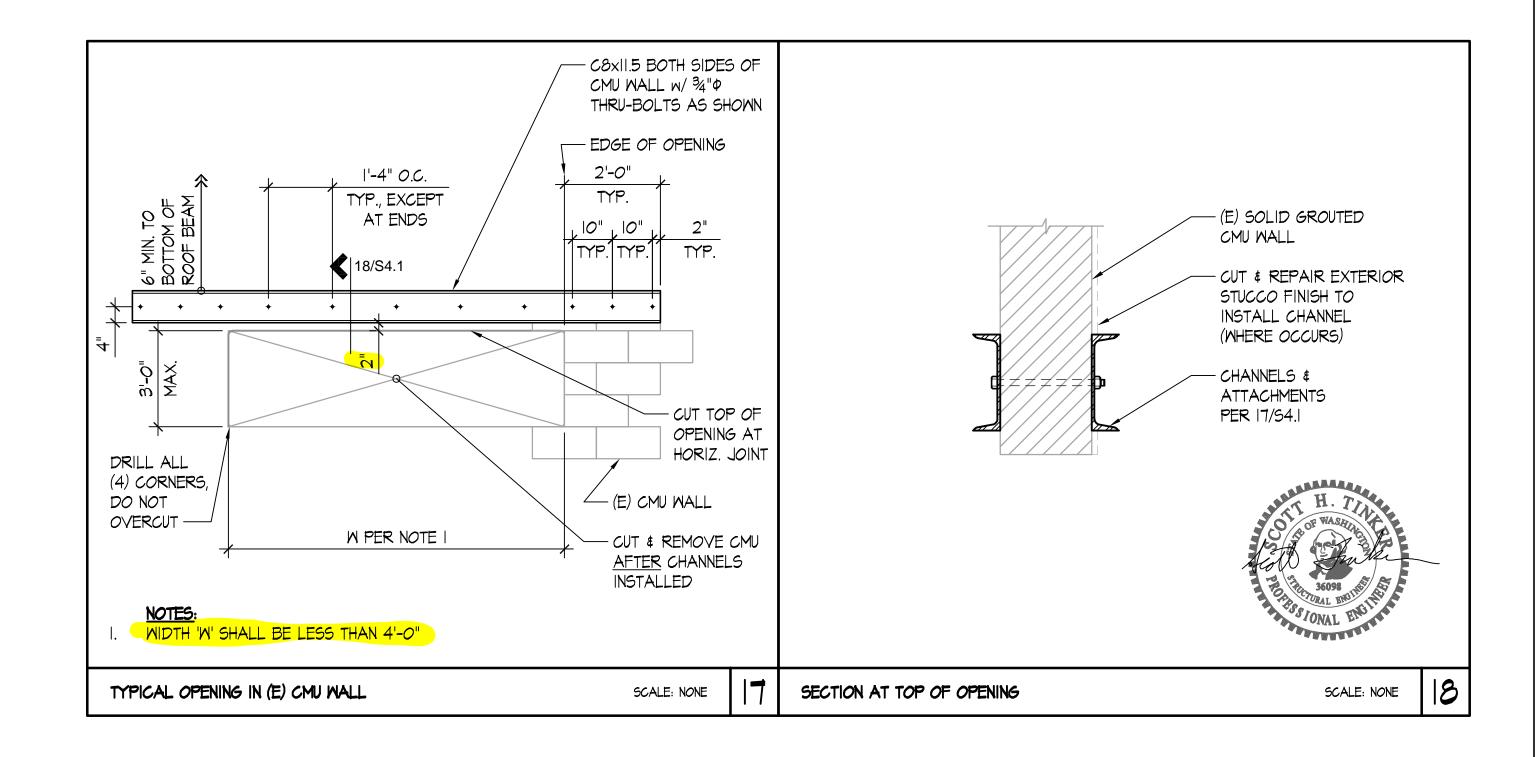
EXTERIOR

WALL

MS3 1

**ELEVATION** 

& DETAILS





QUANTUM | CONSULTING ENGINEERS

 CENTERIS DATA CENTER - SOUTH HILL
 O3/15/24
 23444.01

 project
 date
 project no.

 SC
 designer

 TVM
 55K-06

 client
 checked by
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