

PROJECT SCOPE

1.

PROPOSED MODIFICATIONS TO AN EXISTING TELECOMMUNICATIONS FACILITY ON AN EXISTING PARCEL FOR LUMEN.

2.

PROPOSED INSTALLATION OF THE FOLLOWING LUMEN EQUIPMENT WITHIN EXPANDED COMPOUND:

* (1) 36'-0" X 46'-9" CONCRETE PAD

* (1) 23' X 36' EQUIPMENT SHELTER ON NEW CONCRETE PAD

* (1) 5'-0" X 23'-4" CONCRETE SIDEWALK W/BOOT SCRAPES

* (1) 3'-0" X 5'-0" CONCRETE ENTRY PAD W/ BOOT SCRAPES

* (1) 6' X 8' BICYCLE PARKING AREA

LUMEN®

SALEM

2001 16TH ST NE

SALEM, OR 97303

PORTLAND TO SACRAMENTO

ZONING DRAWINGS

SHEET INDEX

T1.0	TITLE SHEET
LS-1	SITE SURVEY
LS-2	SITE SURVEY
A1.0	OVERALL SITE PLAN
A2.0	EXISTING ENLARGED SITE PLAN
A2.1	NEW ENLARGED SITE PLAN
A3.0	EXISTING ELEVATION
A3.1	PROPOSED ELEVATION
A4.0	FENCE DETAILS

PROJECT CONTACTS

APPLICANT:

ATTENTION: LUMEN

100 CENTURYLINK DRIVE

MONROE, LA 71203

PROPERTY OWNER:

LEVEL 3 COMMUNICATIONS

PROJECT CONTACT:

MASTEC COMMUNICATIONS GROUP

ROSHELL YOCUM

roshell.yocum@mastec.com

ZONING/PERMITTING AGENT:

MASTEC COMMUNICATIONS GROUP

JESSICA O'BRIEN

jessica.obrien@mastec.com

PROJECT INFORMATION

SITE NAME:	SALEM
ADDRESS:	2001 16TH ST NE SALEM, OR 97303
SEGMENT NAME:	PORTLAND TO SACRAMENTO
LEGACY ROUTE:	LEVEL 3
TELCORDIA CLLI:	SALMORSW
JURISDICTION:	CITY OF SALEM
MAP TAX LOT #:	073W23AB12400
TAX ACCOUNT #	526667
ZONING:	GENERAL INDUSTRIAL
LATITUDE:	44.95511351414034°
LONGITUDE:	-123.01572484679019°
GROUND ELEVATION:	169.0'
OCCUPANCY:	U
GROUP:	II-B

- DRIVING DIRECTIONS
- FROM EUGENE AIRPORT:
1.

TAKE AIRPORT RD TO OR-99 S IN EUGENE
2.

HEAD NORTH
3.

CONTINUE ONTO DOUGLAS DR
4.

MERGE ONTO NORTHROP DR
5.

CONTINUE ONTO AIRPORT RD
6.

TURN RIGHT ONTO OR-99 S
7.

TURN RIGHT TO MERGE ONTO OR-569 E TOWARD I-5 SPRINGFIELD
8.

TAKE EXIT 13 TO MERGE ONTO I-5 S TOWARD ROSEBURG
9.

TAKE EXIT 188 TOWARD OR-58
10.

TAKE THE OR-58 EXIT TOWARD OAKRIDGE\KLAMATH FALLS
11.

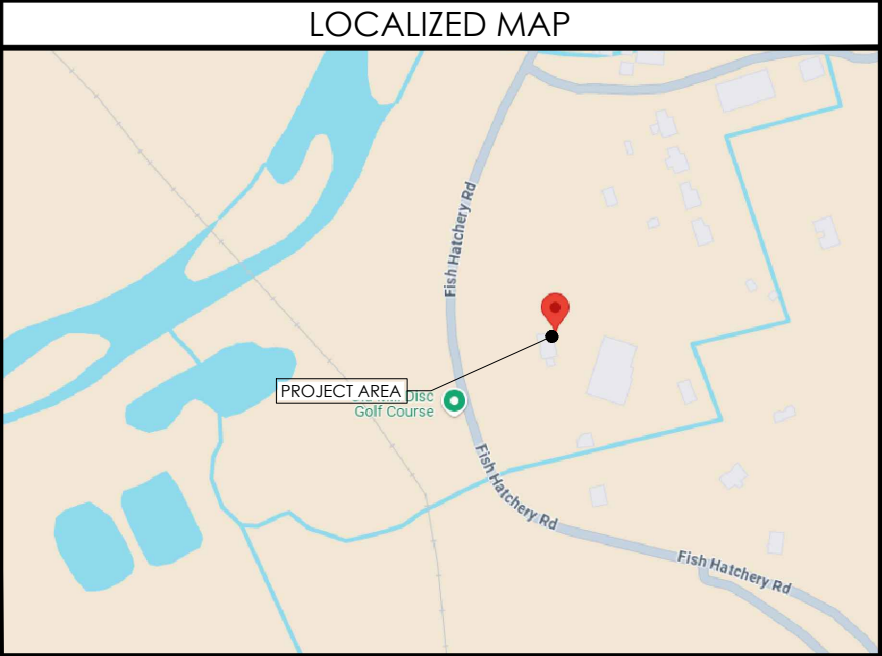
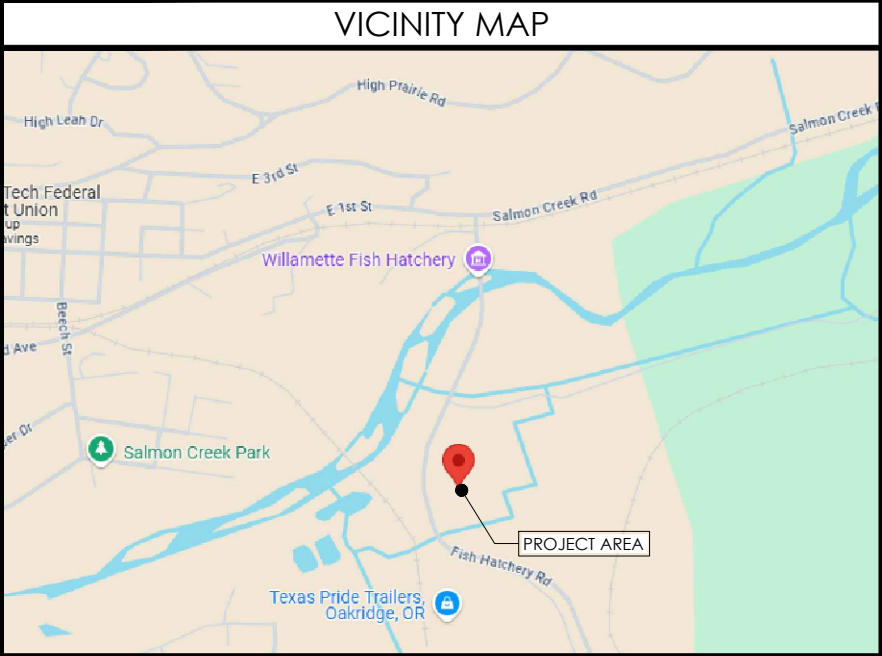
CONTINUE ONTO OR-58
12.

TURN LEFT ONTO FISH HATCHERY RD AND DESTINATION WILL BE ON RIGHT
- TOTAL MILES:

55 MILES

811

Know what's below.
Call before you dig.



GOVERNING CODES

2022	OREGON STRUCTURAL SPECIALTY CODE
2023	OREGON ELECTRICAL SPECIALTY CODE
2021	OREGON ENERGY EFFICIENCY SPECIALTY CODE
2022	OREGON MECHANICAL SPECIALTY CODE
2022	OREGON FIRE CODE
2021	INTERNATIONAL BUILDING CODE
A.D.A. COMPLIANCE INSTALLATION IS UNMANNED / NOT FOR HUMAN HABITATION. HANDICAP ACCESS IS NOT REQUIRED PER A.D.A.	

LUMEN®

MasTec
Network Solutions
507 AIRPORT BLVD., STE. 111
MORRISVILLE, NC 27560

CAPITAL DESIGN SERVICES
1910 4TH AVE. E., PMB 196
OLYMPIA, WA 98506
360.915.6750
WWW.CAPITALDESIGNSERVICES.COM

VECTOR
ENGINEERS

DRAWN BY:

CL

CHECKED BY:

CL

DRAWING VERSION

VER.	DATE	DESCRIPTION
1	11/15/24	PRELIMINARY LU DRAWINGS
2	12/05/24	PRELIMINARY LU DRAWINGS
3	12/19/24	CLIENT COMMENT
4	01/16/25	LU DRAWINGS

LICENSER

PROJECT INFORMATION

SALEM

2001 16TH ST NE

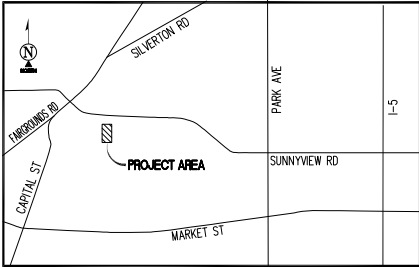
SALEM, OR 97303

SHEET TITLE

TITLE SHEET

SHEET NO.

T1.0



VICINITY MAP
N.T.S.

SURVEY DATE
10/23/2024

BASIS OF BEARING

BEARINGS SHOWN HEREON ARE BASED UPON THE OREGON ZONE NORTH STATE PLANE COORDINATE SYSTEM BASED ON THE NORTH AMERICAN DATUM OF 1983(2011) (EPOCH 2010.00). DETERMINED BY GLOBAL POSITIONING SYSTEM EQUIPMENT OBSERVATIONS ON THE OREGON REAL-TIME GNSS NETWORK (ORGN).

BENCHMARK

PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS 'GEOID 12B' MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY REAL TIME KINETIC (RTK) GPS DATA PROCESSED ON THE OREGON REAL-TIME GNSS NETWORK (ORGN). ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88.

GRID-TO-GROUND SCALE FACTOR NOTE

ALL BEARINGS AND DISTANCES ARE BASED ON THE OREGON NORTH STATE PLANE COORDINATE ZONE GRID. TO DERIVE GROUND DISTANCES DIVIDE BY 0.99989717

FLOOD_ZONE

THIS PROJECT APPEARS TO BE LOCATED WITHIN FLOOD ZONE "X". ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(S), MAP ID #41047C0334H, DATED 1/2/2003

UTILITY NOTES

SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS ARE DEFINITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT 811 AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/ OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

TITLE REPORT NOTE

THIS MAP WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. THIS MAP IS SUBJECT TO ALL LEGAL EASEMENTS AND RIGHTS-OF-WAY, PUBLIC OR PRIVATE, THAT WOULD BE DISCLOSED IN SUCH TITLE REPORT.

LESSOR'S LEGAL DESCRIPTION (PER TITLE)

TO BE PROVIDED BY TITLE.

SURVEYOR'S NOTES

CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS AND FOLLOW THE CURRENT NATIONAL MAP STANDARDS FOR VERTICAL ACCURACY.

THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.

ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES.

LEGEND

AP

GRV

P.O.B.

P.O.C.

P.O.T.

ASPHALT

GRAVEL

POINT OF BEGINNING

POINT OF COMMENCEMENT

POINT OF TERMINUS

SD

O/H

E

F/O

UTILITY MANHOLES

UTILITY METER

FIRE HYDRANT

UTILITY POLE

GUY WIRE

SPOT ELEVATION

TREES

CHAIN LINK FENCE

STORM DRAIN LINES

OVERHEAD LINES

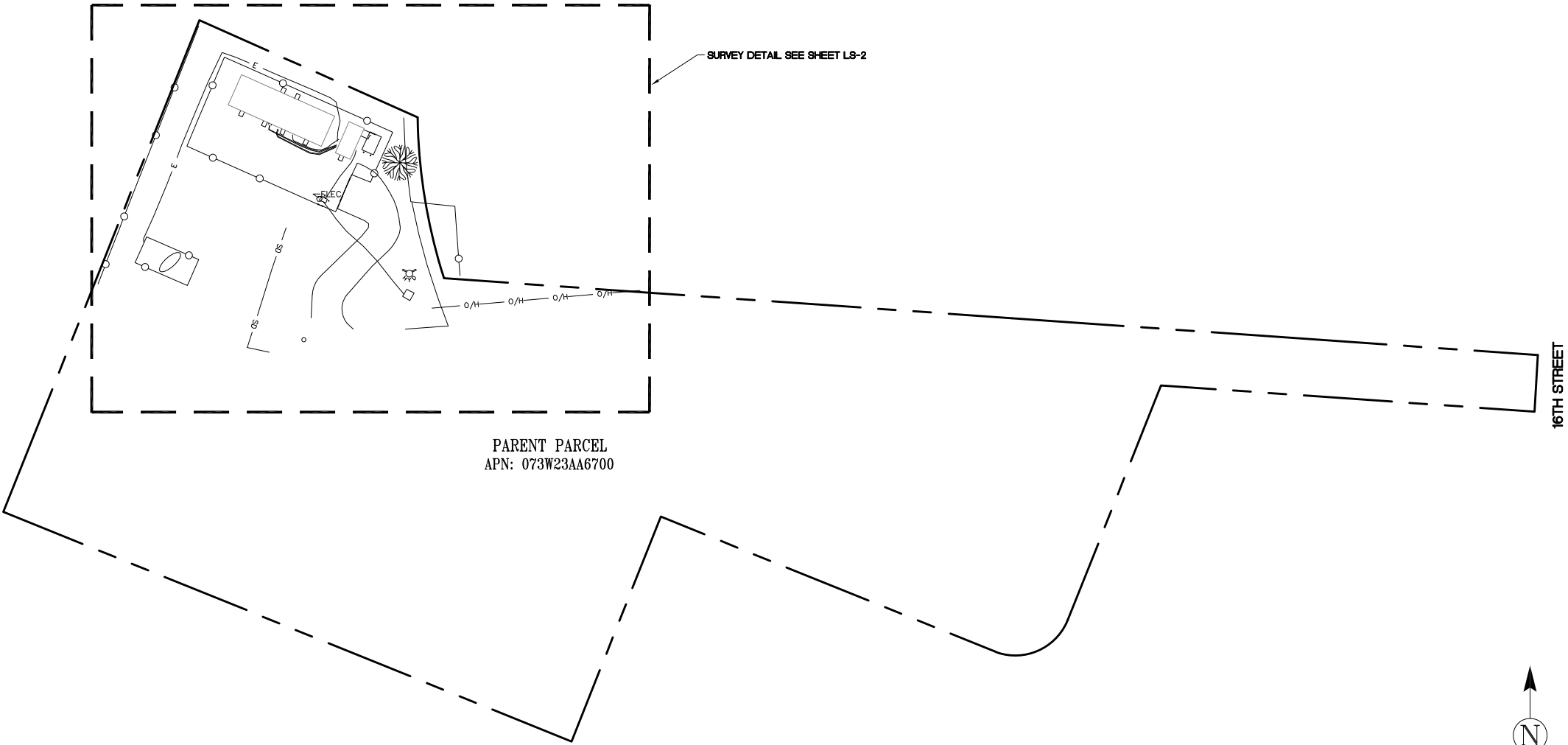
ELECTRIC LINES

FIBER OPTIC LINES

SUBJECT PROPERTY LINE

MAJOR CONTOUR INTERVAL

MINOR CONTOUR INTERVAL



PROJECT INFORMATION:

SALEM

2001 NE 16TH STREET
SALEM, OR 97303

MARION COUNTY

ORIGINAL ISSUE DATE:

11/06/2024

REV.:DATE:DESCRIPTION:BY:

A	11/06/2024	PRELIMINARY	CK

PROJECT COORDINATION:

CAPITAL DESIGN SERVICES

2101 4TH AVE E, SUITE 202
OLYMPIA, WA 98506
360.991.1501
WWW.CAPITALDESIGNSERVICES.COM

SURVEY PREPARED BY:

ambit consulting

1229 CORNWALL AVE.
SUITE 301
BELLINGHAM, WA 98225
PH. (480) 659-4072
WWW.AMBITCONSULTING.US

DRAWN BY:CHK.:APV.:

CK	NS (A)	XX
----	--------	----

LICENSER:

REGISTERED
PROFESSIONAL
LAND SURVEYOR

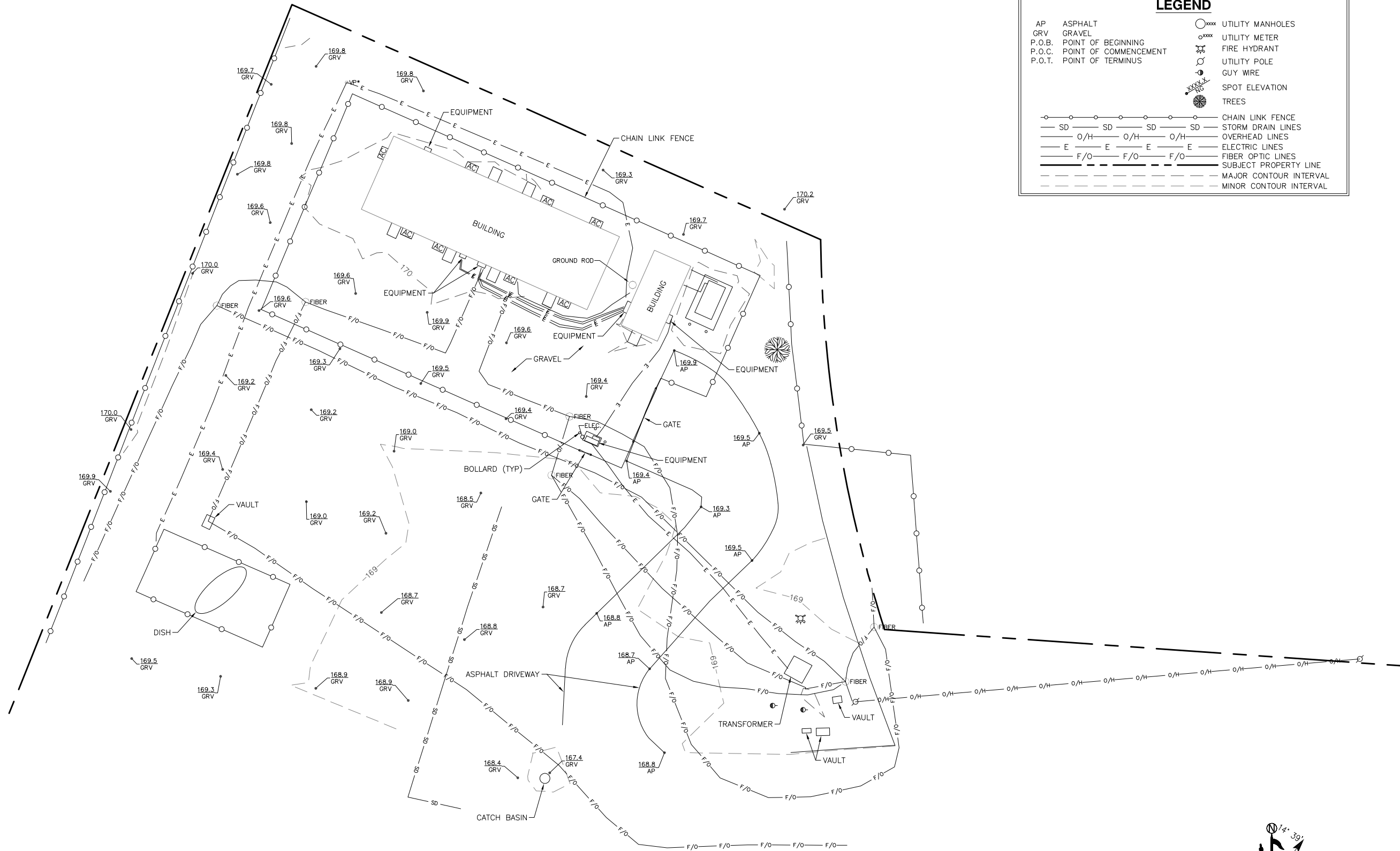
OREGON
SEPTEMBER 14, 2021
MATTHEW R. FORD
90539
RENEWS 12-31-2025

SHEET TITLE:

SITE SURVEY

SHEET NUMBER:

LS-1



LEGEND

AP	ASPHALT	○xxxx	UTILITY MANHOLES
GRV	GRAVEL	○xxxx	UTILITY METER
P.O.B.	POINT OF BEGINNING	⊗	FIRE HYDRANT
P.O.C.	POINT OF COMMENCEMENT	○	UTILITY POLE
P.O.T.	POINT OF TERMINUS	⊗	GUY WIRE
		⊗	SPOT ELEVATION
		⊗	TREES
—○—○—○—○—○—	CHAIN LINK FENCE		
—SD—SD—SD—SD—	STORM DRAIN LINES		
—O/H—O/H—O/H—	OVERHEAD LINES		
—E—E—E—E—E—	ELECTRIC LINES		
—F/O—F/O—F/O—	FIBER OPTIC LINES		
---	SUBJECT PROPERTY LINE		
---	MAJOR CONTOUR INTERVAL		
---	MINOR CONTOUR INTERVAL		

PROJECT INFORMATION:

SALEM
2001 NE 16TH STREET
SALEM, OR 97303
MARION COUNTY

ORIGINAL ISSUE DATE:

11/06/2024

REV.: DATE: DESCRIPTION: BY:

A	11/06/2024	PRELIMINARY	CK

PROJECT COORDINATION:

CAPITAL DESIGN SERVICES
2101 4TH AVE E, SUITE 202
OLYMPIA, WA 98506
360.991.1501
WWW.CAPITALDESIGNSERVICES.COM

SURVEY PREPARED BY:

ambit consulting
1229 CORNWALL AVE.
SUITE 301
BELLINGHAM, WA 98225
PH. (480) 659-4072
WWW.AMBITCONSULTING.US

DRAWN BY: CHK.: APV.:

CK	NS (A)	XX
----	--------	----

LICENSER:

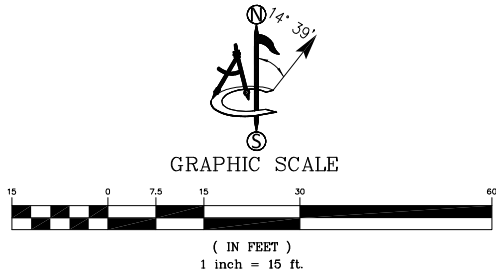
REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
SEPTEMBER 14, 2021
MATTHEW R. FORD
90539
REVIEWS 12-31-2025

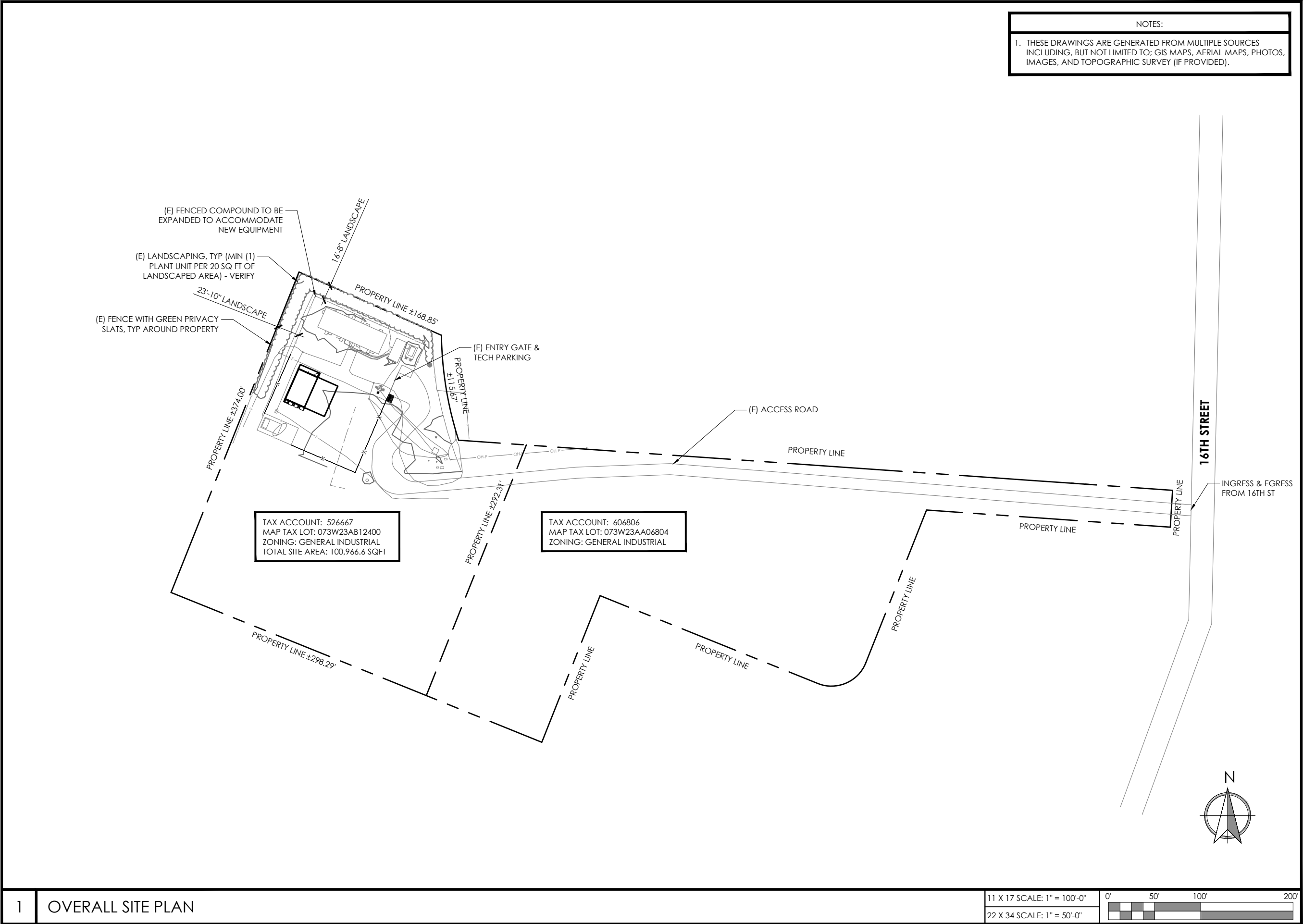
SHEET TITLE:

SITE SURVEY

SHEET NUMBER:

LS-2





NOTES:

1. THESE DRAWINGS ARE GENERATED FROM MULTIPLE SOURCES INCLUDING, BUT NOT LIMITED TO; GIS MAPS, AERIAL MAPS, PHOTOS, IMAGES, AND TOPOGRAPHIC SURVEY (IF PROVIDED).



DRAWN BY: CL
CHECKED BY: CL

DRAWING VERSION		
VER.	DATE	DESCRIPTION
1	11/15/24	PRELIMINARY LU DRAWINGS
2	12/05/24	PRELIMINARY LU DRAWINGS
3	12/19/24	CLIENT COMMENT
4	01/16/25	LU DRAWINGS

LICENSER

PROJECT INFORMATION

SALEM

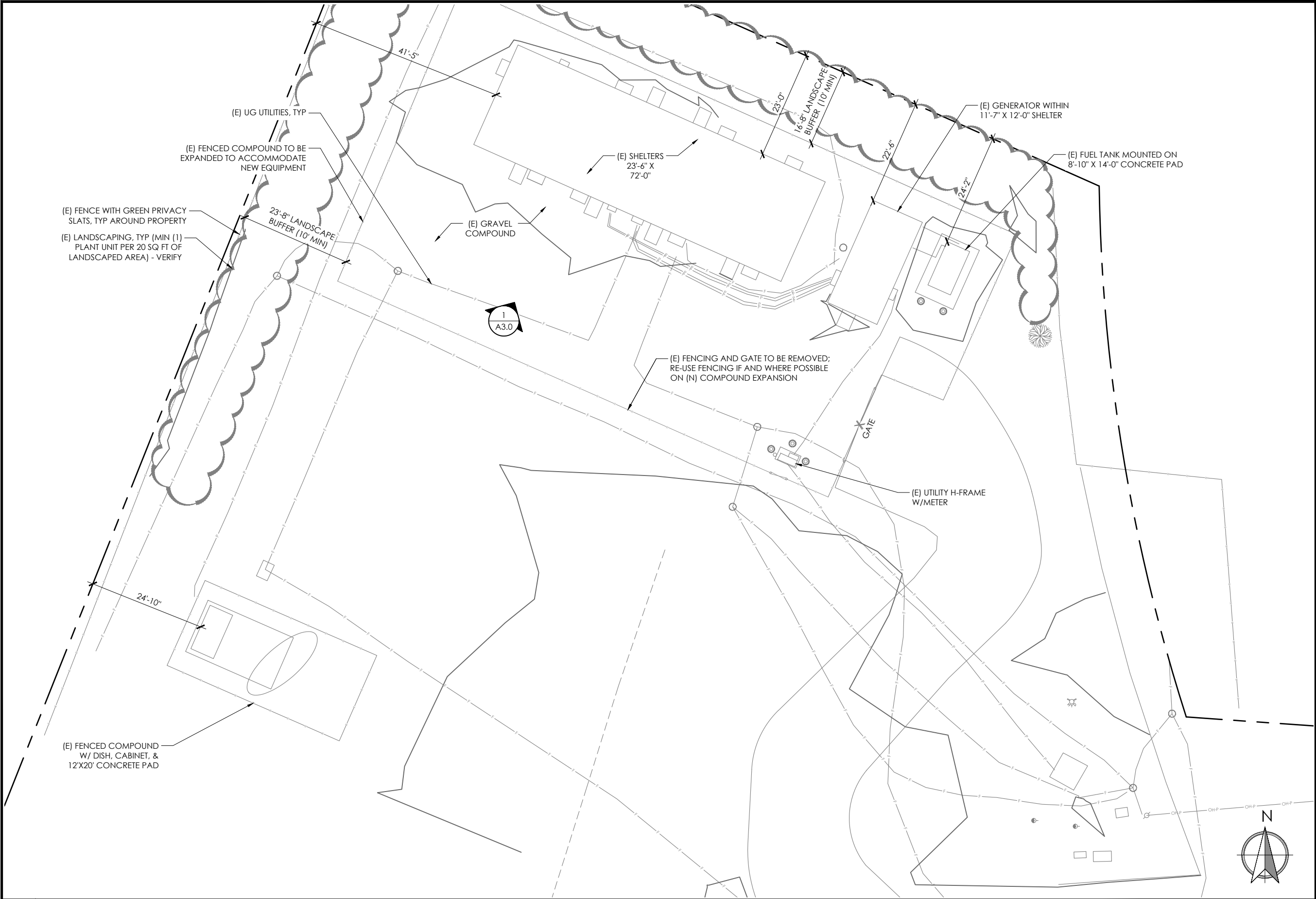
2001 16TH ST NE
SALEM, OR 97303

SHEET TITLE

OVERALL SITE PLAN

SHEET NO.

A1.0



DRAWN BY: CL
CHECKED BY: CL

DRAWING VERSION		
VER.	DATE	DESCRIPTION
1	11/15/24	PRELIMINARY LU DRAWINGS
2	12/05/24	PRELIMINARY LU DRAWINGS
3	12/19/24	CLIENT COMMENT
4	01/16/25	LU DRAWINGS

LICENSER

PROJECT INFORMATION

SALEM

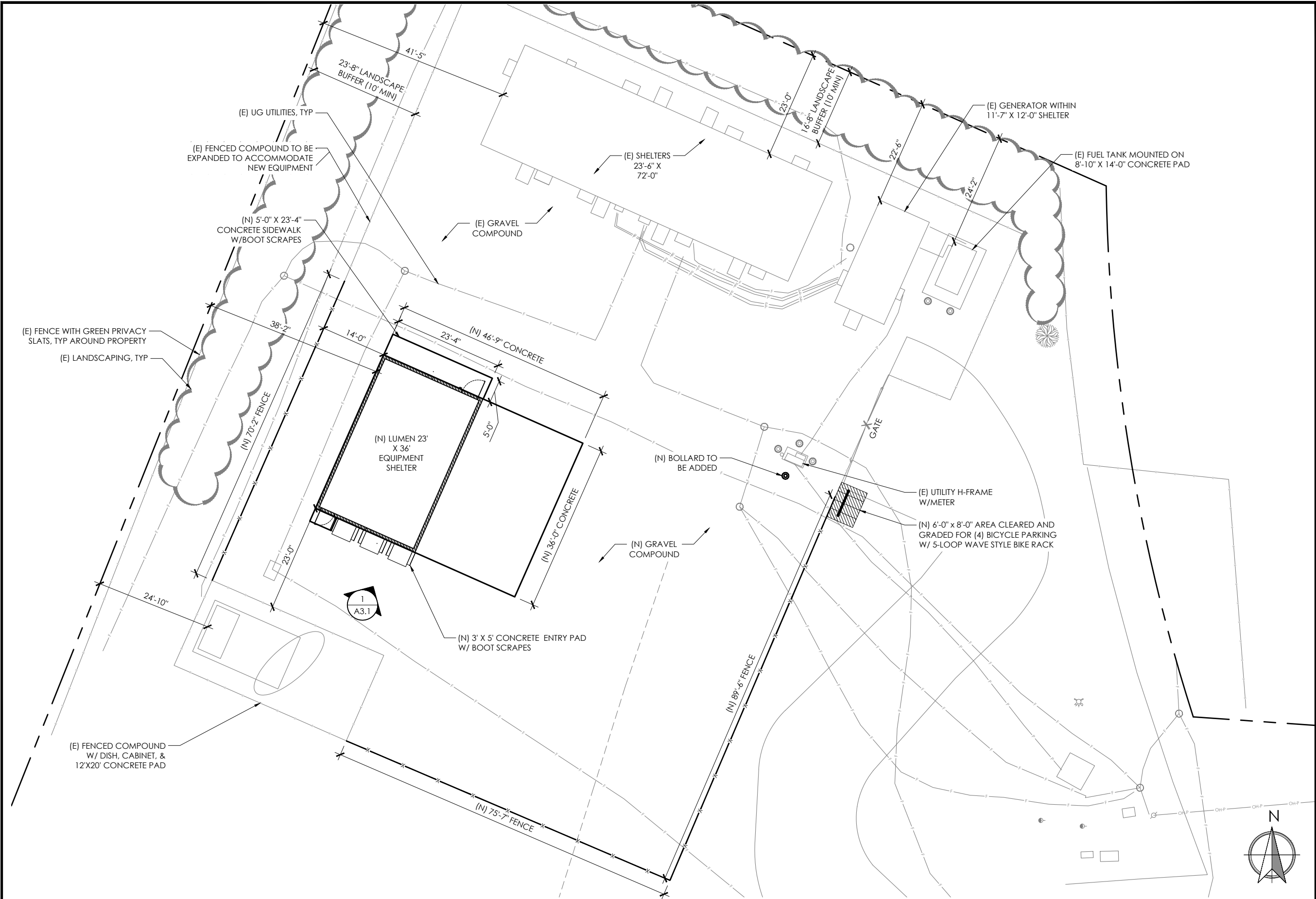
2001 16TH ST NE
SALEM, OR 97303

SHEET TITLE

EXISTING ENLARGED
SITE PLAN

SHEET NO.

A2.0



DRAWN BY: CL
CHECKED BY: CL

DRAWING VERSION		
VER.	DATE	DESCRIPTION
1	11/15/24	PRELIMINARY LU DRAWINGS
2	12/05/24	PRELIMINARY LU DRAWINGS
3	12/19/24	CLIENT COMMENT
4	01/16/25	LU DRAWINGS

LICENSER

PROJECT INFORMATION

SALEM

2001 16TH ST NE
SALEM, OR 97303

SHEET TITLE

PROPOSED ENLARGED
SITE PLAN

SHEET NO.

A2.1

LUMEN

MasTec
Network Solutions

507 AIRPORT BLVD., STE. 111
MORRISVILLE, NC 27560

CAPITAL DESIGN SERVICES
1910 4TH AVE. E, PMB 196
OLYMPIA, WA 98506
360.915.6750
WWW.CAPITALDESIGNSERVICES.COM

VECTOR
ENGINEERS

DRAWN BY: CL
CHECKED BY: CL

DRAWING VERSION		
VER.	DATE	DESCRIPTION
1	11/15/24	PRELIMINARY LU DRAWINGS
2	12/05/24	PRELIMINARY LU DRAWINGS
3	12/19/24	CLIENT COMMENT
4	01/16/25	LU DRAWINGS

LICENSER

PROJECT INFORMATION

SALEM

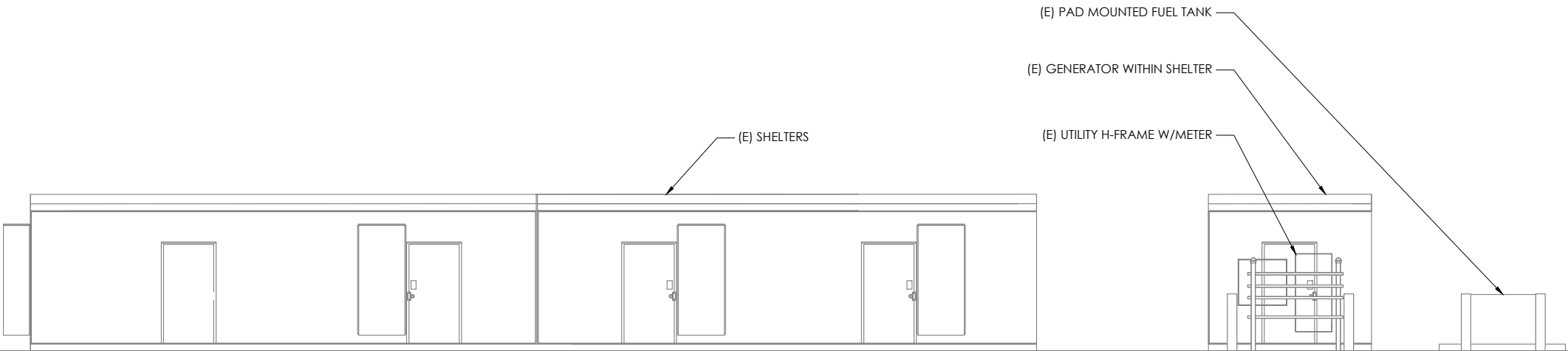
2001 16TH ST NE
SALEM, OR 97303

SHEET TITLE

EXISTING ELEVATION

SHEET NO.

A3.0



LUMEN

MasTec
Network Solutions

507 AIRPORT BLVD., STE. 111
MORRISVILLE, NC 27560

CAPITAL DESIGN SERVICES
1910 4TH AVE. E, PMB 196
OLYMPIA, WA 98506
360.915.6750
WWW.CAPITALDESIGNSERVICES.COM

VECTOR
ENGINEERS

DRAWN BY: CL
CHECKED BY: CL

DRAWING VERSION		
VER.	DATE	DESCRIPTION
1	11/15/24	PRELIMINARY LU DRAWINGS
2	12/05/24	PRELIMINARY LU DRAWINGS
3	12/19/24	CLIENT COMMENT
4	01/16/25	LU DRAWINGS

LICENSER

PROJECT INFORMATION

SALEM

2001 16TH ST NE
SALEM, OR 97303

SHEET TITLE

PROPOSED ELEVATION

SHEET NO.

A3.1

(N) LUMEN 23' X 36' EQUIPMENT SHELTER

11'-1"

(N) 3' X 5' CONCRETE ENTRY PAD
W/ BOOT SCRAPES

(N) 36'-0" X 46'-9"
CONCRETE PAD

(E) SHELTERS

(E) PAD MOUNTED FUEL TANK

(E) GENERATOR WITHIN SHELTER

(E) UTILITY H-FRAME W/METER

(N) BOLLARD TO
BE ADDED

1

PROPOSED ELEVATION

11X17 SCALE: 1" = 10'-0"

22 X 34 SCALE: 1" = 5'-0"

0' 5' 10' 20'

1.

THE CONTRACTOR SHALL MATCH THE FENCING STYLE, HEIGHT, BANDING, BARBED WIRES, SUPPORTS, AND MEASUREMENTS OF THE EXISTING FENCE WHEREVER THE PROJECT REQUIRES MODIFICATION OR EXTENSION OF AN EXISTING FENCED AREA.
2.

ALL WIRE RAILS, FABRIC, POLES, HARDWARE, AND OTHER STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AND CONFORM TO ALL ASTM REGULATIONS FOR GALVANIZING.
3.

THE FABRIC SHALL BE 6'-0" HIGH x 2" CHAIN LINK MESH OF NO. 9 GAUGE (0.148) WIRE, AND HAVE A TWISTED AND BARBED FINISH FOR THE TOP EDGES AND A KNUCKLED FINISH FOR THE BOTTOM EDGES. FABRIC SHALL CONFORM TO THE SPECIFICATIONS OF ASTM A-392 CLASS-1.
4.

ALL BARBED WIRE SHALL BE 12 GAUGE TWISTED WIRE, DOUBLE-STRAND, WITH 14 GAUGE, 4 POINT ROUND BARBS SPACED AT 5" O.C..
5.

ALL POSTS SHALL BE GALVANIZED STEEL, SCHEDULE 20 PIPE OF THE FOLLOWING DIAMETERS: LINE = 2-3/8" / CORNER = 3" / GATE = 3"
6.

IF APPLICABLE, EXTEND CORNER AND GATE POSTS 12" INCLUDING THE METAL DOME CAP TO PROVIDE FOR ATTACHMENT OF THE BARBED WIRE.
7.

GATE FRAMES SHALL HAVE A FULL HEIGHT VERTICAL BRACE AND A FULL WIDTH HORIZONTAL BRACE, SECURED IN PLACE BY USE OF GATE BRACE CLAMPS.
8.

ALL TOP AND BRACED RAILS SHALL BE 1-5/8" Ø SCHEDULE 20 MECHANICAL BRACE, SECURED IN PLACE BY USE OF GATE BRACE CLAMPS.
9.

HINGES SHALL BE A MINIMUM OF 200 DEGREES WITH A HINGE ADAPTER. LATCHES, STOPS AND KEEPERS SHALL BE PROVIDED FOR ALL GATES. THE GUIDE LATCH ASSEMBLY SHALL BE TAMPER-PROOF. ALL STOPS AND DOUBLE GATES SHALL HAVE A FULL HEIGHT PLUNGER BAR WITH A METAL DOME CAP.
10.

A NO. 7 GAUGE ZINC COATED TENSION WIRE IS TO BE USED AT THE BOTTOM OF THE FABRIC. TERMINATED WITH BAND CLIPS AT CORNER AND GATEPOSTS.
11.

A 6" x 12" EYEBOLT TO HOLD TENSION WIRE SHALL BE USED AT ALL LINE POSTS.
12.

ALL STRETCHER BARS SHALL BE 3/16 x 3/4" OR HAVE EQUIVALENT CROSS SECTION AREA.
13.

ALL CORNER GATE AND END PANELS SHALL HAVE A 3/8" TRUSS ROD WITH TURNBUCKLES AND BE BRACED WITH ONE 1-5/8" HORIZONTAL COMPRESSION MEMBER, SECURELY ATTACHED WITH IRON FITTINGS.
14.

CONTRACTOR TO PROVIDE ALL OTHER HARDWARE NECESSARY TO ATTACH, TENSION, CLIP, BAND, HINGE, FASTEN AND FINISH THE FENCING PROPERLY.
15.

IF APPLICABLE, THE BARBED WIRE SUPPORT ARMS SHALL BE SCH. 40, GALVANIZED STEEL WITH SET BOLT AND LOCK LOCK WIRE IN THE ARM.
16.

ALL POSTS, GATE GUARDS, AND OTHER OPEN PIPES SHALL BE CAPPED WITH A HOT DIPPED GALVANIZED CAST STEEL DOME CAP.
17.

ALL POSTS SHALL HAVE A MINIMUM OF 6" OF CONCRETE UNDER THE LOWER MOST PORTION TO A MINIMUM OF 8" LARGER THAN THE DIAMETER AT THE FINISHED GRADE.
18.

ALL FENCE POSTS SHALL BE SCH. 40 GALVANIZED STEEL POSTS WITH SET BOLT AND LOCK WIRE IN THE ARM.
19.

AT CORNER POSTS, GATE POST, LINE POST, AND SIDE OF GATE FRAME, FABRIC SHALL BE ATTACHED WITH STRETCHER AND TENSION BAND CLIPS AT 1'-3" INTERVALS.
20.

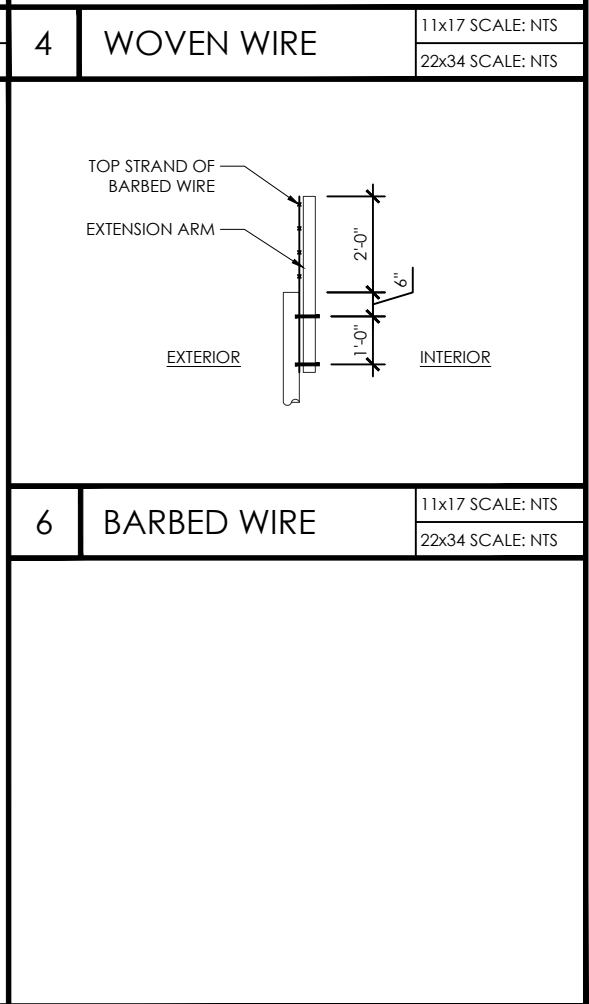
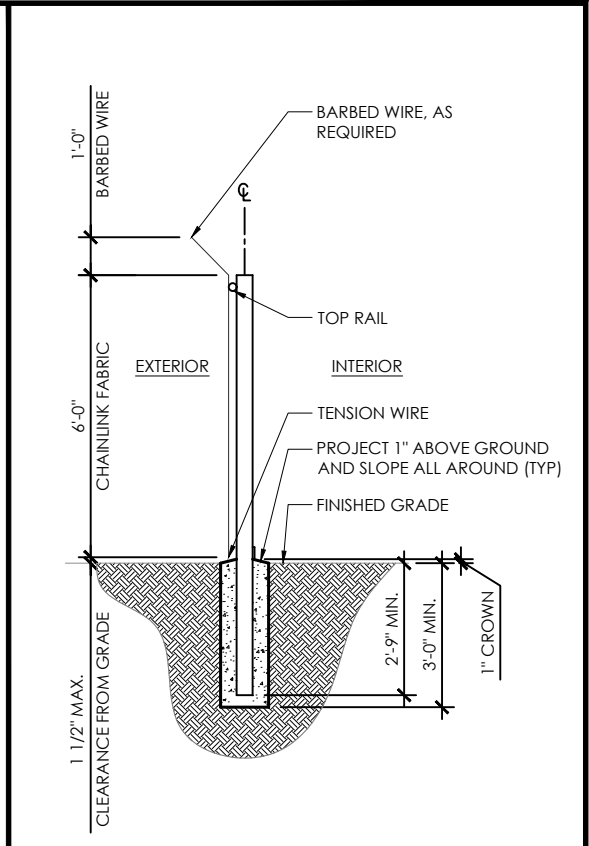
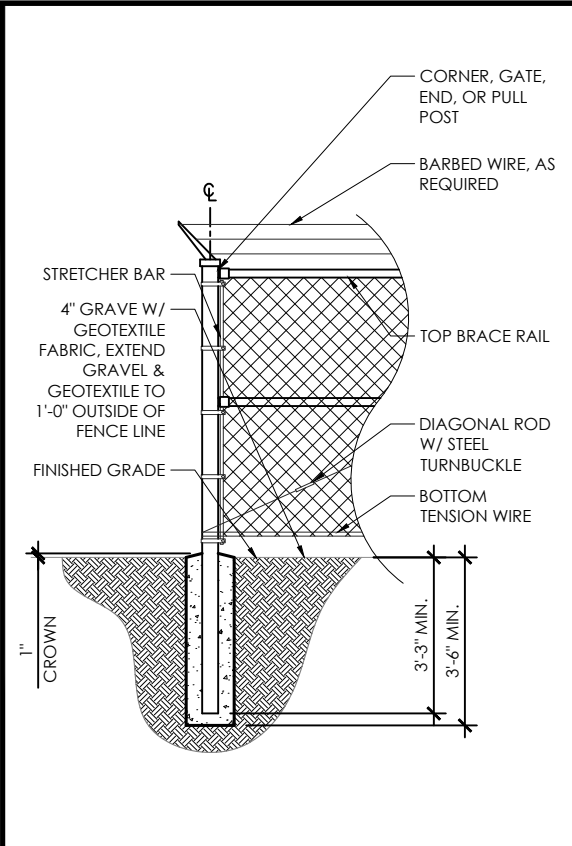
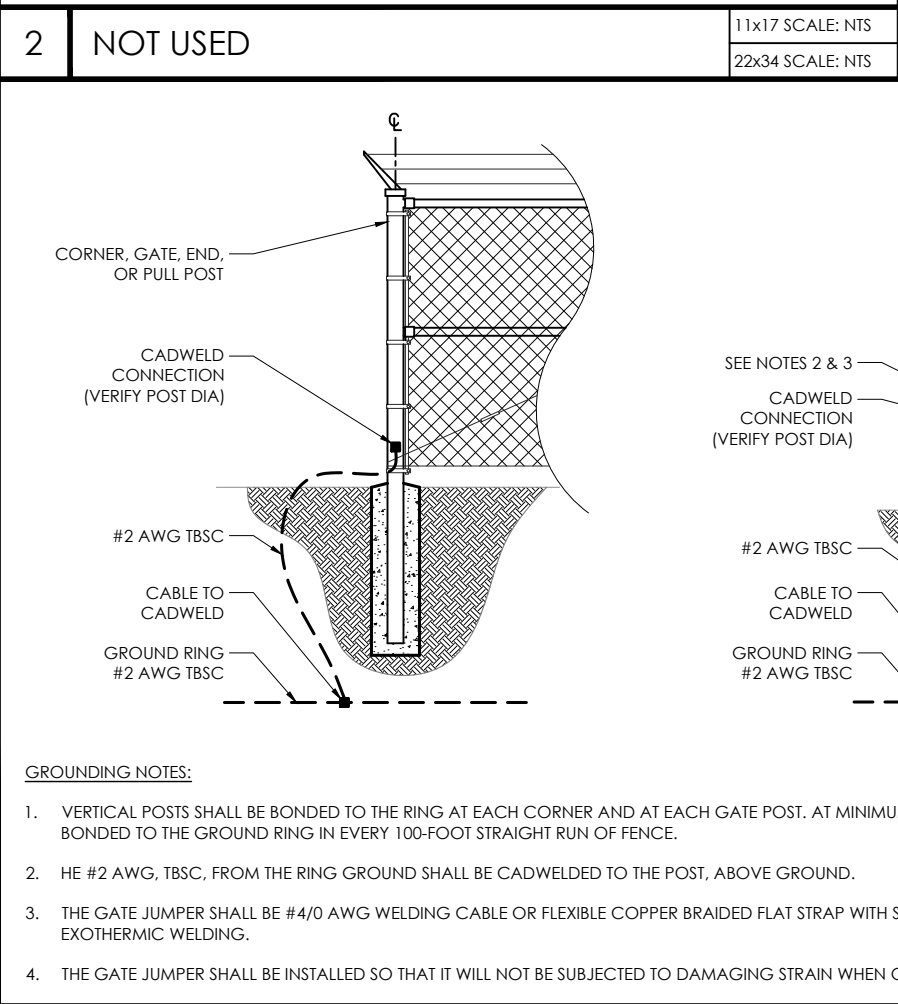
ATTACH FABRIC TO BRACE RAILS, TENSION WIRE AND TRUSS RODS WITH THE TIE CLIPS AT 2'-0" INTERVALS.
21.

PROVIDE A MAXIMUM GAP OF 1" BETWEEN THE CHAIN LINK FABRIC AND THE FINAL GRADE.
22.

GATE HINGES SHALL HAVE THEIR THREADS PEENED OR WELDED TO PREVENT UNAUTHORIZED REMOVAL, AND GATES SHALL BE INSTALLED SO THAT LOCKS ARE ACCESSIBLE FROM BOTH SIDES.
23.

CONTRACTOR TO TOUCH UP ALL SCRAPES, SCRATCHES, MARKS, AND BARE AREAS WITH A COLD GALVANIZED SPRAY.

2	NOT USED	11x17 SCALE: NTS 22x34 SCALE: NTS
---	----------	--------------------------------------



LUMEN

MasTec
Network Solutions
507 AIRPORT BLVD., STE. 111
MORRISVILLE, NC 27560

CAPITAL DESIGN SERVICES
1910 4TH AVE. E., PMB 196
OLYMPIA, WA 98506
360.915.6750
WWW.CAPITALDESIGNSERVICES.COM

VECTOR
ENGINEERS

DRAWN BY: CL
CHECKED BY: CL

DRAWING VERSION

VER.	DATE	DESCRIPTION
1	11/15/24	PRELIMINARY LU DRAWINGS
2	12/05/24	PRELIMINARY LU DRAWINGS
3	12/19/24	CLIENT COMMENT
4	01/16/25	LU DRAWINGS

LICENSER

PROJECT INFORMATION

SALEM
2001 16TH ST NE
SALEM, OR 97303

SHEET TITLE

FENCE DETAILS

SHEET NO.

A4.0