# DRAWING SYMBOLS

NORTH INDICATOR

DETAIL NUMBER / DRAWING NUMBER

DETAIL CALLOUTS

MATCH LINE / DRAWING NUMBER FOR CONTINUATION

MATCH LINE

KEY NOTE CALLOUT

EXISTING GRID / NEW GRID

COLUMN/BUILDING GRIDS

PARTITION TYPE / FIRE RATING

PARTITION TYPE CALLOUT

XXX / XXX

ELEVATION/DATUM CALLOUT

EXISTING TO BE REMOVED

NEW WORK

SECTION NUMBER / DRAWING NUMBER

SECTION CALLOUT

ELEVATION NUMBER / DRAWING NUMBER

EXTERIOR ELEVATION CALLOUT

ELEVATION NUMBER / DRAWING NUMBER

INTERIOR ELEVATION CALLOUT

ROOM NAME / ROOM NUMBER

ROOM NAME CALLOUT

REVISION NUMBER SYMBOL & CLOUD

DOOR/OPENING NUMBER

WINDOW NUMBER

LOUVER NUMBER

EQUIPMENT CALLOUT

FURNITURE CALLOUT

FINISH CALLOUT

# PLAN SYMBOLS

FIRE EXTINGUISHER

FIRE EXTINGUISHER CABINET

EXIT SIGN WALL MOUNTED

EXIT SIGN CEILING MOUNTED

RECESSED TROFFER LIGHTING FIXTURE

RECESSED CAN LIGHITNG FIXTURE

RECESSED STRIP LIGHITNG FIXTURE

SURFACE MOUNTED STRIP LIGHITNG FIXTURE

WALL MOUNTED LIGHITNG FIXTURE

SUPPLY AIR DIFFUSER

RETURN AIR GRILLE

EXHAUST FAN

PUBLIC ANNOUNCEMENT SPEAKER

EMERGENCY POWER OFF SWITCH

# SECURITY SYMBOLS

SECURITY CAMERA

CARD READER

COMBINATION CARD READER/BIOMETRIC SCANNER

DOOR CONTACT

DURESS BUTTON

INTERCOM

INTERCOM W/CAMERA

PASSIVE INFRARED DETECTOR

MOTION DETECTOR

PIN PAD

RFID READER

# ABBREVIATIONS

**A**
A AMP
AB ANCHOR BOLT
AC ALTERNATING CURRENT
ACC ACCESSIBLE
ACP ACOUSTICAL CEILING PANEL
ACT ACOUSTIC CEILING TILE
AD AREA DRAIN
ADA AMERICANS WITH DISABILITIES ACT
ADD ADDENDUM
ADDN ADDITION
ADDL ADDITIONAL
ADJ ADJUSTABLE
AFF ABOVE FINISHED FLOOR
AGGR AGGREGATE
AHJ AUTHORITY HAVING JURISDICTION
AHU AIR HANDLING UNIT
AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT ALTERNATE
ALUM ALUMINUM
ANCH ANCHOR
ANOD ANODIZED
AP ACCESS PANEL
APPROX APPROXIMATE
AR ACID RESISTANT
ARCH ARCHITECT, ARCHITECTURAL
ASST ASSISTANT
ASTM AMERICAN SOCIETY FOR TESTING MATERIALS
ASSY ASSEMBLY
ATM ATMOSPHERIC
ATS AUTOMATIC TRANSFER SWITCH
AUTO AUTOMATIC
AV AUDIO VISUAL
AVE AVENUE
AVG AVERAGE
AWP ACOUSTICAL WALL PANEL

**B**
BAL BALANCE
BB BULLETIN BOARD
BC BATTERY CABINET
BD BOARD
BF BARRIER FREE
BITM BITUMINOUS
BLK BLOCKING
BLDG BUILDING
BLVD BOULEVARD
BM BENCH MARK
BO BOTTOM OF
BOF BOTTOM OF FOOTING (FOUNDATION)
BOS BOTTOM OF STRUCTURE
BOT BOTTOM
BR BULLET RESISTIVE
BRG BEARING
BRID BRIDGE, BRIDGING
BRKT BRACKET
BRZ BRONZE
BS BOTH SIDES
BSMT BASEMENT
BTUH BRITISH THERMAL UNITS PER HOUR
BTW BETWEEN
BUR BUILT UP ROOFING

**C**
CAB CABINET
CAP CAPACITY
CB CATCH BASIN
CEM CEMENT, CEMENTITIOUS
CEM PL CEMENT PLASTER
CER CERAMIC
CF CUBIC FEET
CFH CUBIC FEET PER HOUR
CFLG COUNTERFLASHING
CFM CUBIC FEET PER MINUTE
CFS CUBIC FEET PER SECOND
CG CORNER GUARD / CENTER OF GRAVITY
CH COAT HOOK
CHAN CHANNEL
CHAM CHAMFER
CI CAST IRON
CIP CAST IN PLACE (CONCRETE)
CJ CONSTRUCTION JOINT
CL CENTER LINE
CLG CEILING
CLJ CONTROL JOINT
CLOS CLOSET
CLR CLEAR, CLEARANCE
CLSR CLOSER
CMU CONCRETE MASONRY UNIT
CMP COMPOSITE METAL PANEL
CO CLEAN OUT
COL COLUMN
COMM COMMUNICATIONS
CONC CONCRETE
COND CONDITION
CONF CONFERENCE
CONST CONSTRUCTION
CONT CONTINUOUS
CONTR CONTRACTOR
COORD COORDINATE
CORR CORRIDOR
CP CENTER POINT
CPT CARPET
CR CARD READER
CRAC COMPUTER ROOM AIR CONDITIONING UNIT
CRB CARD READER WITH BIOMETRIC SCAN
CRAH COMPUTER ROOM AIR HANDLING UNIT
CSK COUNTERSINK, COUNTERSUNK
CT CERAMIC TILE
CTR COUNTER
CTWR COOLING TOWER
CU CONDENSING UNIT
CUB CUBIC
CW COLD WATER
CY CUBIC YARD

**D**
d PENNY (NAILS)
D DEEP
db DECIBLES
DBL DOUBLE
DC DIRECT CURRENT
DEG DEGREE(S)
DEMO DEMOLISH, DEMOLITION
DEPT DEPARTMENT
DET DETAIL
DF DRINKING FOUNTAIN
DIA DIAMETER
DIAG DIAGONAL
DICA DRILLED IN CONCRETE ANCHOR
DIFF DIFFUSER
DIM DIMENSION(S)
DIR DIRECTOR
DISC DISCONNECT
DISP DISPENSER
DIV DIVISION
DL DEAD LOAD
DMPF DAMP PROOF, DAMP PROOFING
DN DOWN
DO DITTO
DP DEEP
DR DOOR/DRAIN
DRC DOOR CONTACT
DS DOWNSPOUT
DW DISHWASHER
DWG DRAWING
DWL DOWEL
DWR DRAWER
DWTR DISTILLED WATER

**E**
E EAST
EA EXHAUST AIR
EB EXPANSION BOLT
EF EXHAUST FAN
EJ EXPANSION JOINT
EL ELEVATION
ELEC ELECTRICAL
ELEV ELEVATION / ELEVATOR
ELIM ELIMINATE
EMER EMERGENCY
EPWR EMERGENCY POWER
ENAM ENAMEL(IFD)
ENCL ENCLOSURE
ENG ENGINEER
ENT ENTRANCE
EP EXPLOSION PROOF
EPOXFL EPOXY FLOORING
EPOXPT EPOXY PAINT
EQ EQUAL
EQUIP EQUIPMENT
EPO EMERGENCY POWER OFF
ES EMERGENCY SHOWER
ESDF ELECTRO STATIC DISSAPATIVE FLOORING
EST ESTIMATE(D)
ETC ET CETERA
ETR EXISTING TO REMAIN
EVAC EVACUATE, EVACUATION
EW EYE WASH
EXAM EXAMINATION
EXC EXCAVATE, EXCAVATED, EXCAVATION
EXH EXHAUST
EXIST EXISTING
EXP EXPOSED, EXPANSION
EXT EXTERIOR
EXTR EXTRUDED

**F**
F FARENHEIT
FA FIRE ALARM
FAB FABRICATE, FABRICATOR / FABRIC
FAC FACILITY
FACP FIRE ALARM CONTROL PANEL
FAS FIRE ALARM SYSTEM
FB FLAT BAR
FC FURRING CHANNEL
FCU FAN COIL UNIT
FD FLOOR DRAIN
FDC FIRE DEPARTMENT CONNECTION
FDN FOUNDATION
FE-X FIRE EXTINGUISHER, "X" DENOTES TYPE
FEC-X FIRE EXTINGUISHER CABINET, "X" DENOTES TYPE
FGL FIBERGLAS
FH FIRE HYDRANT
FHC FIRE HOSE CABINET
FIG FIGURE
FIN FINISH, FINISHED
FLASH FLASHING
FLEX FLEXIBLE
FLR FLOOR, FLOORING
FLUOR FLUORESCENT
FO FINISHED OPENING
FOIB FURNISHED BY OTHERS, INSTALLED BY OTHERS
FOIC FURNISHED BY OTHERS, INSTALLED BY CONTRACTOR
FOW FACE OF WALL
FP FIRE PROOFING, FIRE PROTECTION
FPM FEET PER MINUTE
FPS FEET PER SECOND
FR FIRE RATED, FIRE RATING
FREQ FREQUENCY
FRTW FIRE RETARDANT TREATED WOOD
FS FLOOR SINK
FSD FIRE/SMOKE DAMPER
FT FOOT, FEET
FTG FOOTING
F TO F FACE TO FACE
FURR FURRING
FUT FUTURE
FWC FABRIC WALL COVERING
FXD FIXED

**G**
GA GAUGE / GYPSUM ASSOCIATION
GAL GALLON
GALV GALVANIZED
GB GRAB BAR
GC GENERAL CONTRACTOR
GEN GENERAL / GENERATOR
GFRC GLASS FIBER REINFORCED CONCRETE
GFRG GLASS FIBER REINFORCED GYPSUM
GI GALVANIZED IRON
GL GLASS OR GLAZING
GLAM GLUE LAMINATED
GLR GYPSUM LATH AND PLASTER
GSL GYPSUM SHAFT LINER
GWB GYPSUM WALLBOARD
GYP GYPSUM

**H**
H HIGH
HB HOSE BIBB
HC HOLLOW CORE
HD HAND DRYER
HDB HARD BOARD
HDF HIGH DENSITY FIBERBOARD
HDW HARDWARE
HDWD HARDWOOD
HM HOLLOW METAL
HO HOLE OPEN
HORIZ HORIZONTAL
HR HOUR
HT HEIGHT
HZ HERTZ (FREQUENCY)
HT HEIGHT
HVAC HEATING, VENTILATION AND AIR CONDITIONING

**I**
IBC INTERNATIONAL BUILDING CODE
IC INTERCOM
ID INSIDE DIAMETER
IEC INTERNATIONAL ENERGY CODE
IFC INTERNATIONAL FIRE CODE
IMC INTERNATIONAL MECHANICAL CODE
INCL INCLUDE, INCLUDING
INFO INFORMATION
INSUL INSULATION
INT INTERIOR
IPC INTERNATIONAL PLUMBING CODE

**J**
JAN JANITOR
JS JANITOR'S SINK
JT JOINT

**K**
KIT KITCHEN
KV KILO-VOLT
KVA KILO-VOLT-AMPERE
KW KILO-WATT

**L**
L LONG
LAM LAMINATE, LAMINATED
LAU LAUNDRY
LAV LAVATORY
LH LEFT HAND
LHR LEFT HAND REVERSED
LS LAG SCREW
LT LIGHT
LTG LIGHTING

**M**
MAS MASONRY
MATL MATERIAL
MAX MAXIMUM
MDF MEDIUM DENSITY FIBERBOARD
MDF(T) MAIN DISTRIBUTION FRAME-TELECOM
MECH MECHANICAL
MED MEDIUM
MEMB MEMBRANE
MEZZ MEZZANINE
MFR MANUFACTURE, MANUFACTURER
MGMT MANAGEMENT
MH MANHOLE
MIN MINIMUM, MINUTE
MTD MOUNTED
MTL METAL
MTS MANUAL TRANSFER SWITCH
MP METAL PANEL
MPOE MINIMUM POINT OF ENTRY (TELECOM)
MS METAL STUD
MVA MEGA-VOLT-AMPERE
MVBL MOVABLE
MW MEGA-WATT

**N**
N NORTH
NEC NATIONAL ELECTRIC CODE
NFPA NATIONAL FIRE PROTECTION ASSOCIATION
NIC NOT IN CONTRACT
NOM NUMBER
NOM NOMINAL
NS NO SCALE
NTS NOT TO SCALE

**O**
OC ON CENTER
OD OUTSIDE DIAMETER
OH OVERHEAD
OFD OVERFLOW DRAIN
OHD OVERHEAD DOOR
OPNG OPENING
OPP OPPOSITE
OFRD OVERFLOW ROOF DRAIN
OTS OPEN TO STRUCTURE ABOVE

**P**
PA PUBLIC ANNOUNCEMENT SYSTEM
PB PUSH BUTTON
PBD PARTICLE BOARD
PC PRECAST
PDU PLANTER DRAIN
PDU POWER DISTRIBUTION UNIT
PERP PERPINDICULAR
PIR PASSIVE INFRARED DETECTOR
PL PROPERTY LINE
PLAM PLASTIC LAMINATE
PLAS PLASTER
PLYWD PLYWOOD
PNL PANEL
PR PAIR
PRK PARK, PARKING
PROP PROPERTY
POC POINT OF CONNECTION
PT PAINT, PAINTED, POINT, PRESSURE TREATED
PTD PAPER TOWEL DISPENSER
PTN PARTITION
PVMT PAVEMENT

**Q**
QT QUARRY TILE

**R**
R RISER
RA RETURN AIR
RAD RADIUS
RAF RAISED ACCESS FLOOR SYSTEM
RD ROOF DRAIN, ROAD
REF REFERENCE
REFR REFRIGERATOR
REINF REINFORCE, REINFORCING
REQD REQUIRED
REV REVISION
RF RELIEF FAN
RFG ROOFING
RH RIGHT HAND
RHR RIGHT HAND REVERSED
RL RAIN LEADER
RM ROOM
RO ROUGH OPENING
RPM REVOLUTIONS PER MINUTE
RPP REMOTE POWER PANEL
RR RELAY RACK
RTU RIGHT
RTU ROOF TOP AIR CONDITIONING UNIT

**S**
S SOUTH
SA SUPPLY AIR
SC SOLID CORE
SCHED SCHEDULE
SD SMOKE DETECTOR, STORM DRAIN
SECT SECTION
SGL SINGLE
SHT SHEET
SHTG SHEATHING
SIM SIMILAR
SJ SEISMIC JOINT
SMACNA SHEET METAL AND AIRCONDITIONING CONTRACTORS' NATIONAL ASSOCIATION
SMD SMOKE DAMPER
SMR SHEET METAL ROOFING
SMP SHEET METAL PANEL
SPD SOAP DISPENSER
SPEC SPECIFICATION
SPKLR SPRINKLER
SPKR SPEAKER
SPR SINGLE PLY ROOFING
SQ SQUARE
SR SERVER RACK
SS SERVICE SINK
SSM SOLID SURFACING MATERIAL
SSTL STAINLESS STEEL
STC SOUND TRANSMISSION CLASS
STL STEEL
STOR STORAGE
STRUCT STRUCTURE, STRUCTURAL
SVF SHEET VINYL FLOORING
SW SIDEWALK
SWBD SWITCHBOARD
SWG SWITCHGEAR

**T**
T TREAD
TBB TELEPHONE BACKBOARD
TBD TILE BACKER BOARD
TD TRENCH DRAIN
TEL TELEPHONE
TEMP TEMPERATURE, TEMPORARY
TERZ TERRAZZO
T&G TONGUE AND GROOVE
THK THICK, THICKNESS
TO TOP OF
TPD TOILET PAPER DISPENSER
TS TUBE STEEL
TSTAT THERMOSTAT
TV TELEVISION
TYP TYPICAL

**U**
U URINAL
UF UNDER FLOOR
UL UNDERWRITERS LABORATORIES
UNFIN UNFINISHED
UNGRD UNDERGROUND
UON UNLESS OTHERWISE NOTED
UPS UNITERRUPTIBLE POWER SUPPLY

**V**
V VOLT
VB VAPOR BARRIER
VC VIDEO CAMERA
VCT VINYL COMPOSITION TILE
VERT VERTICAL
VEST VESTIBULE
VIF VERIFY IN FIELD
VNR VENEER
VTF VINYL TILE FLOORING
VWC VINYL WALL COVERING

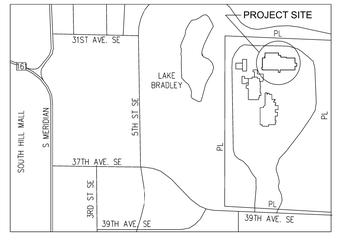
**W**
W WATT
W WEST, WIDE
W/ WITH
WC WATER CLOSET
WD WOOD
WF WIDE FLANGE
WH WALL HYDRANT
WM WATER METER
WMP WIRE MESH PARTITION
W/O WITHOUT
WP WEATHER PROOF, WATER PROOF
WWF WELDED WIRE FABRIC

**X**
XRAY XRAY PROCESS OR MACHINE
XFMR TRANSFORMER

**Y**
YD YARD

**Z**
ZN ZINC

# VICINITY MAP




N

NO SCALE

# PROJECT DIRECTORY

**OWNER**
BENAROYA CAPITAL, LLC
9675 SE 36TH STREET, SUITE 115
MERCER ISLAND, WA 98040
MAIN PHONE: 253-200-4120
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206-774-1011
DAVEV@BENAROYA.COM

**ARCHITECT**
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6210 36TH AVENUE N.E.
SEATTLE, WA 98115
MAIN PHONE: 206-294-1288
CONTACT: LEONARD A. RUFF, AIA
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EMAIL: LEONARD.RUFF@CASCADE MISSIONCRITICAL.COM

**STRUCTURAL ENGINEER**
BSE-BRENEN STRUCTURAL ENGINEERS
1316 CENTRAL AVENUE SOUTH, SUITE 200
KENT, WA 98032
MAIN PHONE: 206-397-0000
CONTACT: BRANDON BEAUDETTE, PE
PHONE: 206-397-000 X104
EMAIL: BBAUDETTE@BSE-PS.COM

**MECHANICAL ENGINEER**
STANTEC
720 3RD AVENUE SUITE 1500
SEATTLE, WA 98104-1879
MAIN PHONE: 206-667-0555
CONTACT: NICOLE OLAES, PE
PHONE: 206-667-0555
EMAIL: NICOLAES@STANTEC.COM

# PROJECT INFORMATION

**PROJECT ADDRESS**
1023 39TH AVENUE SE
PUYALLUP, WA 98374-2121

**PARCEL NO. 0419034036**
ADDRESS: 1019 - 1021 39TH AVENUE S.E.
PARCEL AREA: 61.28 ACRES

LEGAL DESCRIPTION
Section 03 Township 19 Range 04 Quarter 42 LOT 1 OF BLR 2022-03-22-5003 A POR OF BLR 2019-05-22-5002 LY IN CY OF PUYALLUP MORE PARTICULARLY DESC AS FOLL COM AT STONE MON MARKING S 1/4 COR OF SEC SD STONE MON LIES N 86 DEG 31 MIN 42 SEC W 2621.06 FT FROM SE COR OF SD SEC 3 TH N 00 DEG 00 MIN 24 SEC E ALG W LI OF SE 1/4 OF SD SEC 3 43.08 FT TO PT OF BEG TH CONT ALG W LI OF SD SE 1/4 N 00 DEG 00 MIN 24 SEC E 2566.43 FT TH S 87 DEG 44 MIN 17 SEC E 496.53 FT TH S 00 DEG 04 MIN 00 SEC W 132.96 FT TH S 16 DEG 29 MIN 57 SEC E 15.96 FT TH S 00 DEG 00 MIN 36 SEC E 335.82 FT TH S 52 DEG 49 MIN 01 SEC E 132.81 FT TH S 89 DEG 15 MIN 41 SEC E 28.82 FT TH S 82 DEG 14 MIN 13 SEC E 58.63 FT TH S 53 DEG 48 MIN 38 SEC E 13.69 FT TH S 37 DEG 10 MIN 59 SEC W 232.64 FT TH S 00 DEG 15 MIN 12 SEC E 225. 75 FT TH S 89 DEG 59 MIN 00 SEC W 80.33 FT TH S 00 DEG 00 MIN 36 SEC W 489.96 FT TH N 89 DEG 59 MIN 00 SEC E 547.26 FT TH N 00 DEG 00 MIN 36 SEC E 860.97 FT TH S 89 DEG 41 MIN 48 SEC E 381.02 FT TH S 33 DEG 03 MIN 35 SEC E 199.54 FT TH S 90 DEG 13 MIN 45 SEC W 1645.13 FT TH N 86 DEG 31 MIN 42 SEC W 295.47 FT TH S 00 DEG 13 MIN 45 SEC W 332.49 FT TH N 87 DEG 01 MIN 38 SEC W 580.68 FT TH N 00 DEG 52 MIN 42 SEC E 677.52 FT TH N 89 DEG 59 MIN 36 SEC W 125.03 FT TH S 45 DEG 04 MIN 35 SEC W 283.07 FT TO A NON-TANG CURVE CONCAVE TO W HAVING A RAD OF 205 FT RAD PT OF WHICH BEARS N 87 DEG 53 MIN 38 SEC W TH SLY ALG ARC OF SD CURVE THRU A C/A OF 33 DEG 00 MIN 39 SEC FOR 118.11 FT TH S 32 DEG 19 MIN 16 SEC W 41.17 FT TH S 45 DEG 04 MIN 35 SEC W 113.76 FT TO A C TO L HAVING A RAD OF 254 FT TH ALG ARC OF SD CURVE THRU A C/A OF 18 DEG 36 MIN 33 FOR 82.50 FT TH S 25 DEG 10 MIN 59 SEC W 11.39 FT TH S 19 DEG 13 MIN 48 SEC W 41.03 FT TH S 13 DEG 32 MIN 58 SEC W 10.80 FT TO A NON-TANG CURVE CONCAVE TO E HAVING A RAD OF 254 FT RAD PT OF WHICH BEARS S 77 DEG 48 MIN 15 SEC E TH SLY ALG ARC OF SD CURVE THRU A C/A OF 06 DEG 43 MIN 28 SEC FOR 29.81 FT TH S 87 DEG 01 MIN 38 SEC E 27.68 FT TH S 02 DEG 58 MIN 22 SEC W 33.74 FT TH N 8T01 DEG 38 SEC W 28.12 FT TH S 03 DEG 27 DEG 46 SEC W 10.16 FT TH N 87 DEG 01 MIN 38 SEC W 59.99 FT TH S 47 DEG 58 MIN 22 SEC W 29.08 FT TH N 86 DEG 31 MIN 42 SEC W 12.85 FT TH N 00 DEG 00 MIN 24 SEC E 69.13 FT TH N 86 DEG 31 MIN 42 SEC W 58.60 FT TH S 45 DEG 04 MIN 35 SEC W 23.32 FT TH S 00 DEG 00 MIN 24 SEC W 55.66 FT TH N 86 DEG 31 MIN 42 SEC W 28.05 FT TO POB EASE OF REC OUT OF 04-19-03-4-031, 4-032 & 4-034 SEG 2019-0472 05/30/19 JP 20190652DC 03/31/22 JP

# SCOPE OF WORK

**WORK UNDER THIS PERMIT**
CONSTRUCT 1,144 SF METAL BUILDING.

**WORK UNDER SEPARATE PERMITS**
CONCRETE SLAB ON GRADE AND FOUNDATIONS, SUBMITTED UNDER PERMIT PRCTI20240573.
ELECTRICAL WORK.

PRCNC20240647

Revision Set to "LOW ENGERGY BUILDING"
Provide access to original plans for reference as needed.

See engineering plans.

City of Puyallup Building REVIEWED FOR COMPLIANCE
RayC
05/10/2024
1:01:53 PM

PRCNC20240647

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION. PRINT in COLOR and to SCALE.

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.

# CODE INFORMATION

**APPLICABLE CODES**

WASHINGTON BUILDING CODE, 2021 EDITION
WASHINGTON FIRE CODE, 2021 EDITION
WASHINGTON MECHANICAL CODE, 2021 EDITION
WASHINGTON PLUMBING CODE, 2021 EDITION
NATIONAL ELECTRIC CODE, 2023 EDITION
WASHINGTON STATE ENERGY CODE, 2021 EDITION

**LAND USE CODES**

PUYALLUP MUNICIPAL CODE
EXISTING ZONING DESIGNATION: MP - BUSINESS PARK
PROPOSED ZONING DESIGNATION: MP - BUSINESS PARK
CHANGE OF USE REQUIRED: NO

**LAND USE CODE INFORMATION**

EXISTING SITE AREA: 61.28 ACRES
EXISTING LOT COVERAGE: 3.41%
PROPOSED LOT COVERAGE: 3.45%
MAXIMUM LOT COVERAGE: 50%

**BUILDING CODE INFORMATION**

BUILDING OCCUPANCY GROUP: TYPE U, UTILITY
TYPE OF CONSTRUCTION: TYPE IIIB, NON-SPRINKLERED

ALLOWABLE BUILDING HEIGHT TABLE 504.3: 75'-0"
PROPOSED BUILDING HEIGHT: 19'-4"

ALLOWABLE NUMBER OF STORIES ABOVE GRADE TABLE 504.4: 3
PROPOSED NUMBER OF STORIES ABOVE GRADE: 1

BUILDING AREA:
EXISTING SWITCHGEAR BUILDING AND NEW SWITCHGEAR BUILDING CALCULATED FOR ALLOWABLE AREA AS ONE BUILDING.

TABULAR MAXIMUM ALLOWABLE AREA TABLE 509.2:
OCCUPANCY TYPE U, TYPE OF CONSTRUCTION IIIB = 8,500 SF
EXISTING SWITCHGEAR BUILDING AREA = 1,144 SF
NEW SWITCHGEAR BUILDING AREA = 1,144 SF
TOTAL COMBINED AREA = 2,288 SF
NO AREA INCREASE REQUIRED

REFER TO SHEET A-102-13A FOR ENERGY CODE COMPLIANCE INFORMATION

# GENERAL NOTES

1. DO NOT SCALE THE DRAWINGS.
2. THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. WHAT IS SHOWN ON ONE SHALL BE CONSTRUED TO BE REQUIRED BY BOTH.
3. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONDITIONS IMPACT THE IMPLEMENTATION OF THE DESIGN INTENT. ALL EXISTING ELEMENTS SHOWN ON THE DRAWINGS ARE INCLUDED WITHOUT ANY GUARANTEE OF ACCURACY.
4. ALL DIMENSIONS ARE SHOWN TO THE STRUCTURAL GRID OR FINISHED SURFACES, UNLESS NOTED OTHERWISE.
5. DETAILS ARE SHOWN ON THE DRAWINGS FOR THE FIRST OCCURANCE OF THE CONDITION AND ARE TYPICAL FOR ALL OTHER SIMILAR CONDITIONS.
6. PROVIDE A MINIMUM OF 6" FROM AN ADJACENT FINISHED SURFACE TO THE EDGE OF ANY FINISHED OPENING.

# SHEET INDEX



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

OWNER:
BENAROYA CAPITAL, LLC
Centeris Data Centers
9675 SE 36th St, Suite 115
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+1.253.200.4120

CONSULTANT:
CASCADE MISSION CRITICAL, LLC
*Data Center Consulting and Design*
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P: 206-294-1288 www.cascademissioncritical.com

5538 REGISTERED ARCHITECT
LEONARD A. RUFF
STATE OF WASHINGTON

CENTERIS VOLTAGE PARK
1023 39th Avenue South East
Puyallup, WA 98374-2121
WB02 VOLTAGE PARK
MV SWITCHGEAR BUILDING

| ISSUED/REVISED | DATE |
|---|---|
| PERMIT SUBMITTAL | 4/18/24 |
| ⚠ REVISED | |
| PERMIT SUBMITTAL | 5/31/24 |

REVISED PERMIT SUBMITTAL
MAY 31, 2024

GENERAL NOTES

A-000-13A

# SITE INFORMATION

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PUYALLUP, WA. 98374-2121

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PARCEL AREA: 61.28 ACRES

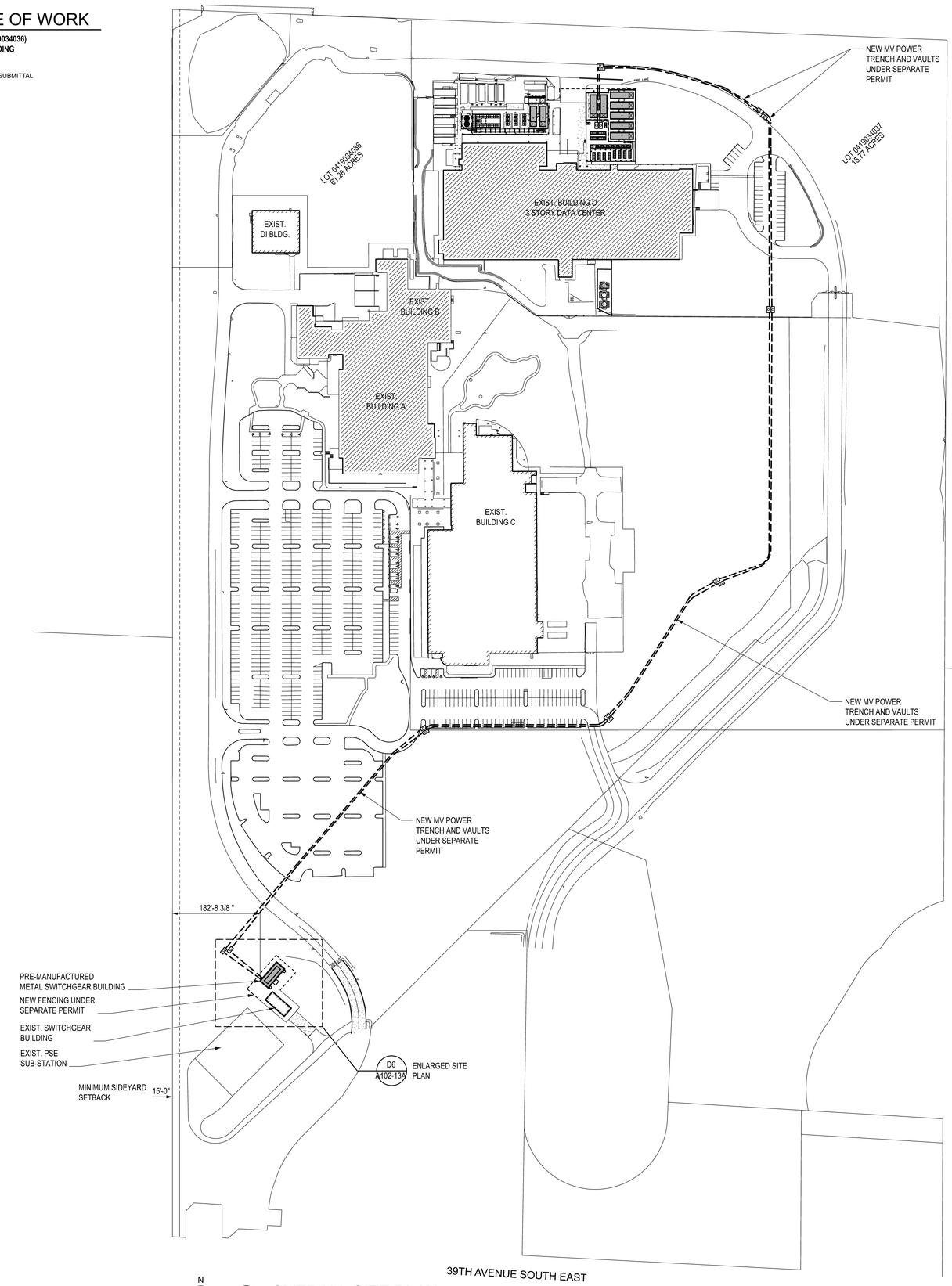
LEGAL DESCRIPTION
Section 03 Township 19 Range 04 Quarter 42 LOT 1 OF BLR 2022-03-22-5003 A POR OF BLR 2019-05-22-5002 LY IN CY OF PUYALLUP MORE PARTICULARLY DESC AS FOLL COM AT STONE MON MARKING S 1/4 COR OF SEC SD STONE MON LIES N 86 DEG 31 MIN 42 SEC W 2621.06 FT FROM SE COR OF SD SEC 3 TH N 00 DEG 00 MIN 24 SEC E ALG W LI OF SE 1/4 OF SD SEC 3 43.08 FT TO PT OF BEG TH CONT ALG W LI OF SD SE 1/4 N 00 DEG 00 MIN 24 SEC E 2556.43 FT TH S 87 DEG 44 MIN 17 SEC E 496.53 FT TH S 00 DEG 04 MIN 00 SEC W 132.96 FT TH S 16 DEG 29 MIN 57 SEC E 15.96 FT TH S 00 DEG 00 MIN 36 SEC E 335.82 FT TH S 52 DEG 49 MIN 01 SEC E 132.81 FT TH S 89 DEG 15 MIN 41 SEC E 28.82 FT TH S 82 DEG 14 MIN 13 SEC E 58.63 FT TH S 53 DEG 48 MIN 38 SEC E 13.69 FT TH S 37 DEG 10 MIN 59 SEC W 232.64 FT TH S 00 DEG 15 MIN 12 SEC E 225. 75 FT TH S 89 DEG 59 MIN 00 SEC W 80.33 FT TH S 00 DEG 00 MIN 36 SEC W 489.96 FT TH N 89 DEG 59 MIN 00 SEC E 547.26 FT TH N 00 DEG 00 MIN 36 SEC E 860.97 FT TH S 89 DEG 41 MIN 48 SEC E 381.02 FT TH S 33 DEG 03 MIN 35 SEC E 199.54 FT TH S 00 DEG 13 MIN 45 SEC W 1645.13 FT TH N 86 DEG 31 MIN 42 SEC W 295.47 FT TH S 00 DEG 13 MIN 45 SEC W 332.49 FT TH N 87 DEG 01 MIN 38 SEC W 580.68 FT TH N 00 DEG 52 MIN 42 SEC E 677.52 FT TH N 89 DEG 59 MIN 36 SEC W 125.03 FT TH S 45 DEG 04 MIN 35 SEC W 283.07 FT TO A NON-TANG CURVE CONCAVE TO W HAVING A RAD OF 205 FT RAD PT OF WHICH BEARS N 87 DEG 53 MIN 38 SEC W TH SLY ALG ARC OF SD CURVE THRU A C/A OF 33 DEG 00 MIN 39 SEC FOR 118.11 FT TH S 32 DEG 19 MIN 16 SEC W 41.17 FT TH S 45 DEG 04 MIN 35 SEC W 113.76 FT TO A C TO L HAVING A RAD OF 254 FT TH ALG ARC OF SD CURVE THRU A C/A OF 18 DEG 36 MIN 33 FOR 82.50 FT TH S 25 DEG 10 MIN 59 SEC W 11.39 FT TH S 19 DEG 13 MIN 48 SEC W 41.03 FT TH S 13 DEG 32 MIN 58 SEC W 10.80 FT TO A NON-TANG CURVE CONCAVE TO E HAVING A RAD OF 254 FT RAD PT OF WHICH BEARS S 77 DEG 48 MIN 15 SEC E TH SLY ALG ARC OF SD CURVE THRU A C/A OF 06 DEG 43 MIN 28 SEC FOR 29.81 FT TH S 87 DEG 01 MIN 38 SEC E 27.68 FT TH S 02 DEG 58 MIN 22 SEC W 33.74 FT TH N 8T01 DEG 38 SEC W 28.12 FT TH S 03 DEG 27 DEG 46 SEC W 10.16 FT TH N 87 DEG 01 MIN 38 SEC W 59.99 FT TH S 47 DEG 58 MIN 22 SEC W 29.08 FT TH N 86 DEG 31 MIN 42 SEC W 12.85 FT TH N 00 DEG 00 MIN 24 SEC E 69.13 FT TH N 86 DEG 31 MIN 42 SEC W 58.60 FT TH S 45 DEG 04 MIN 35 SEC W 23.32 FT TH S 00 DEG 00 MIN 24 SEC W 55.66 FT TH N 86 DEG 31 MIN 42 SEC W 28.05 FT TO POB EASE OF REC OUT OF 04-19-33-4-031, 4-032 & 4-034 SEG 2019-0472 05/30/19 JP 20190652DC 03/31/22 JP

# OVERALL SCOPE OF WORK

**DATA CENTER BUILDING (PARCEL 0419034036)**
**MEDIUM VOLTAGE SWITCHGEAR BUILDING**

CONSTRUCT METAL BUILDING OF 1,144 SF

FOUNDATIONS UNDER SEPARATE PERMIT SUBMITTAL NO. PRCTI20240573.




N

A6 OVERALL SITE PLAN
SCALE: 1" = 100'

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

OWNER:
BENAROYA CAPITAL, LLC
Centeris Data Centers
9675 SE 36th St, Suite 115
Mercer Island, WA 98040
+1.253.200.4120

CONSULTANT:

5538 REGISTERED ARCHITECT
LEONARD A. RUFF
STATE OF WASHINGTON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6210 36th Avenue N.E. Seattle, WA 98115
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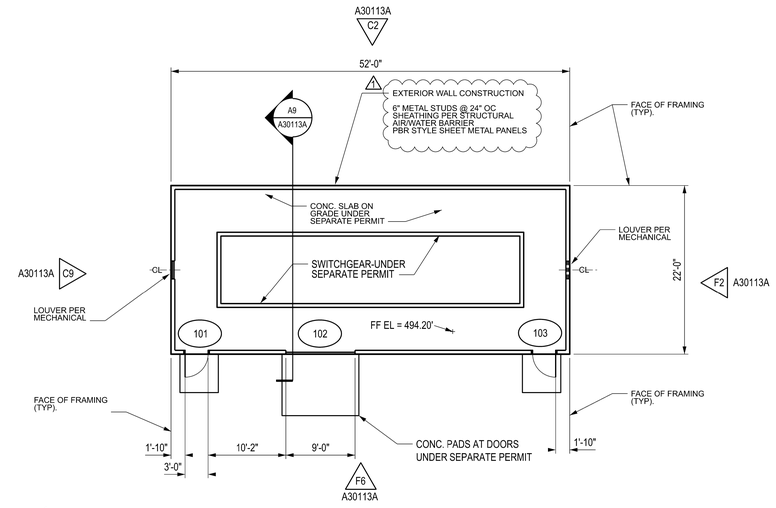
CENTERIS VOLTAGE PARK
1023 39th Avenue South East
Puyallup, WA 98374-2121
WB02 VOLTAGE PARK
MV SWITCHGEAR BUILDING

| ISSUED/REVISED | DATE |
|---|---|
| PERMIT SUBMITTAL | 4/18/24 |
| 1 REVISED | |
| PERMIT SUBMITTAL | 5/31/24 |

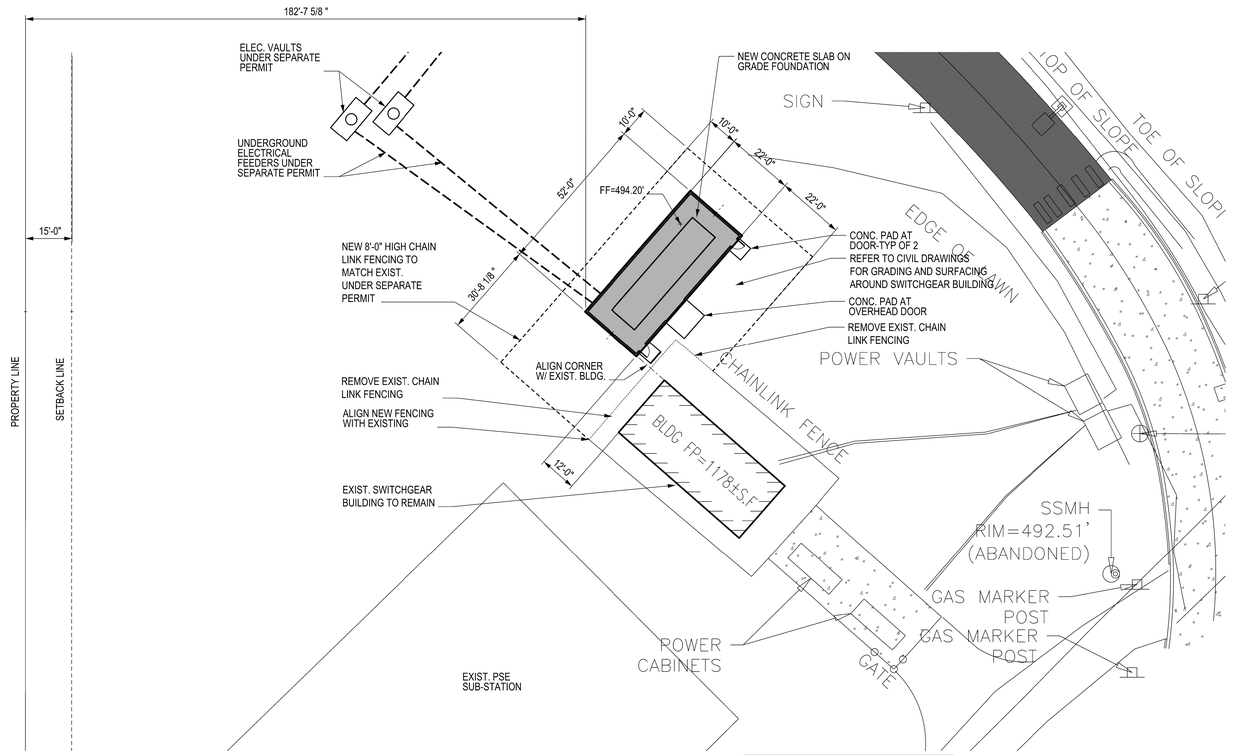
REVISED PERMIT SUBMITTAL
MAY 31, 2024

OVERALL SITE PLAN

A-101-13A




N E1 **FLOOR PLAN - SWITCHGEAR BUILDING**
SCALE: 1/8" = 1'-0"




NOTE: SLAB ON GRADE AND FOUNDATIONS SUBMITTED UNDER SEPARATE PERMIT NO. PRCTI20240573.

N D6 **ENLARGED SITE PLAN - SWITCHGEAR BUILDING**
SCALE: 1" = 20'-0"




LIGHT FIXTURES - REFER TO ELEC.

F1 - SUSPENDED STRIP FIXTURE
F2 - WALL MOUNTED EXTERIOR FIXTURE
F3 - WALL MOUNTED EXIT SIGN

N C1 **REFLECTED CEILING PLAN - SWITCHGEAR BUILDING**
SCALE: 1/8" = 1'-0"




## ROOF DRAINAGE CALCULATION - 2021 WPC

ROOF AREA: 1,205.75 SF
RAINFALL FACTOR (R) = 1.4
GPM = R X A X 0.0104
GPM = 1.4 X 1,205.75 X 0.0104
TOTAL GPM = 17.56
2" DIA. DOWNSPOUT = 30 GPM
2 - 2" DOWNSPOUTS PROVIDED

## ENERGY CODE COMPLIANCE - 2021 WSEC

BUILDING DESIGNED AS A LOW ENERGY BUILDING PER C402.1.1.1. WITH NO HEATING.

BUILDING ENVELOPE - EXEMPT FROM THERMAL ENVELOPE REQUIREMENTS

N A1 **ROOF PLAN - SWITCHGEAR BUILDING**
SCALE: 1/8" = 1'-0"

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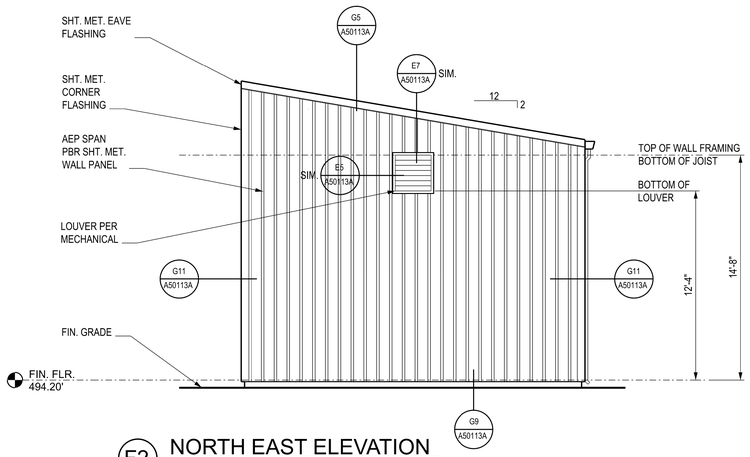
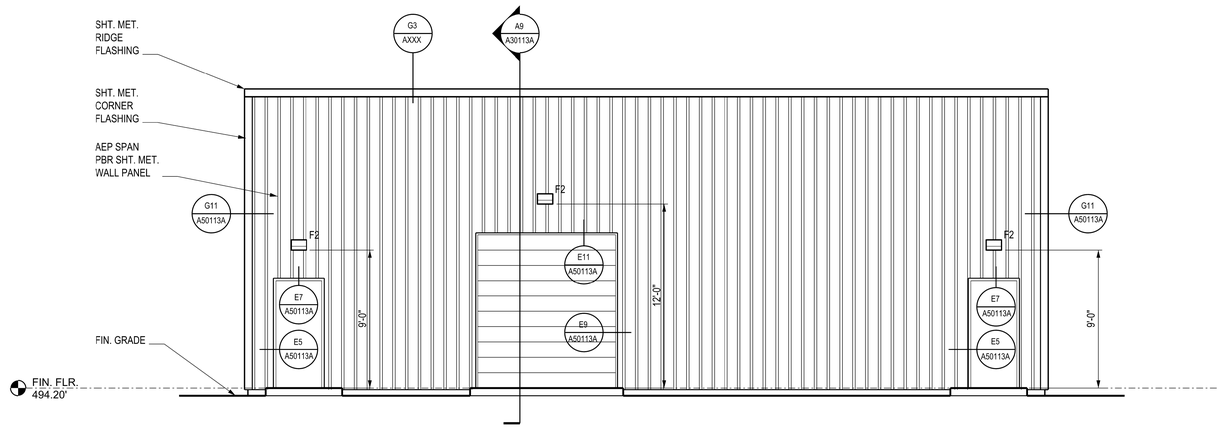
REVISED PERMIT SUBMITTAL
MAY 31, 2024

SWITCHGEAR BUILDING
ENLARGED SITE PLAN
FLOOR PLAN
REFLECTED CEILING PLAN
ROOF PLAN

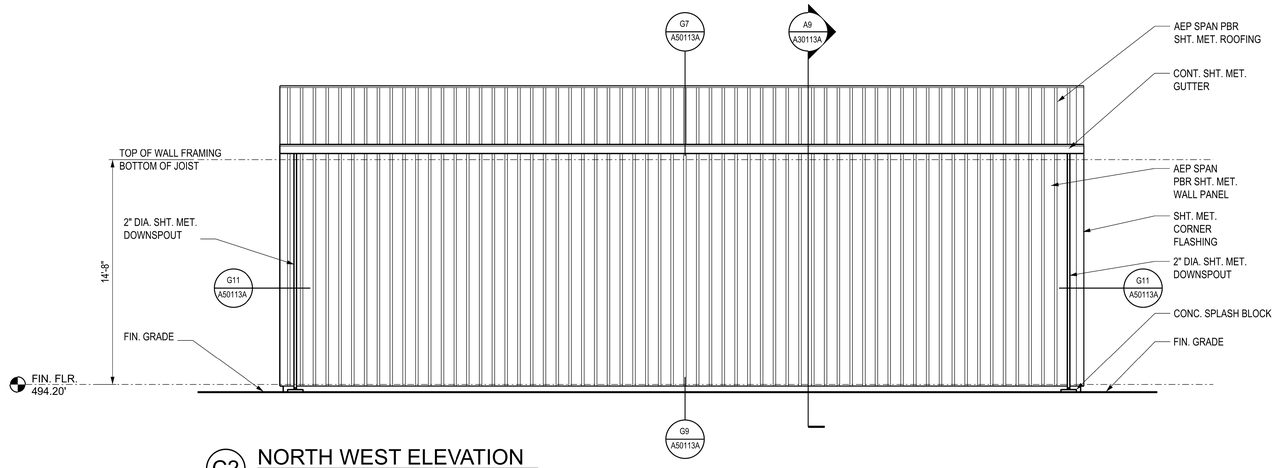
A-102-13A



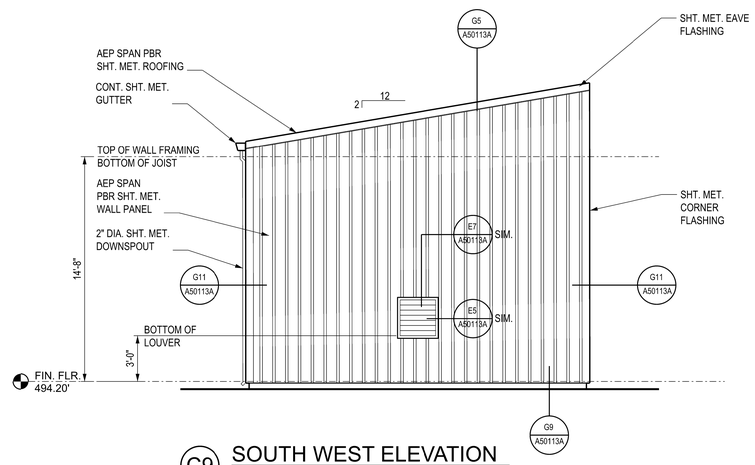

F2 NORTH EAST ELEVATION
SCALE: 1/4" = 1'-0"



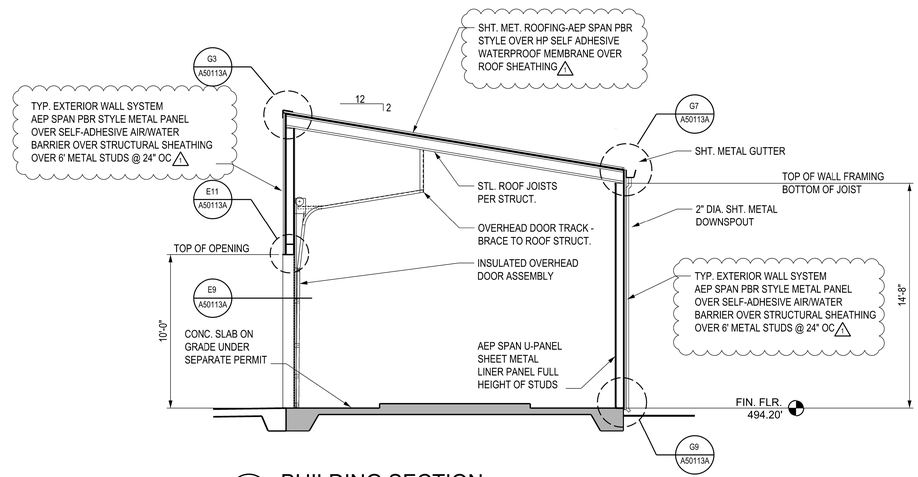

F6 SOUTH EAST ELEVATION
SCALE: 1/4" = 1'-0"




C2 NORTH WEST ELEVATION
SCALE: 1/4" = 1'-0"




C9 SOUTH WEST ELEVATION
SCALE: 1/4" = 1'-0"




A9 BUILDING SECTION
SCALE: 1/4" = 1'-0"

NOTE: PROVIDE HORIZONTAL STL. STRAPPING ON INTERIOR OF METAL STUDS @ 24" OC FOR ATTACHMENT OF INTERIOR LINER PANELS.

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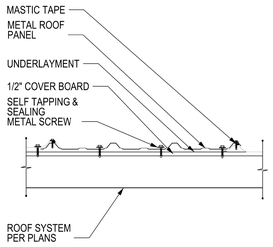
REVISED PERMIT SUBMITTAL
MAY 31, 2024

SWITCHGEAR BUILDING
EXTERIOR ELEVATIONS
BUILDING SECTION

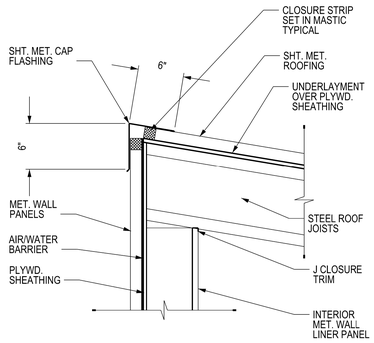
A-301-13A




PBR METAL ROOF/WALL PANEL (36" COVERAGE)

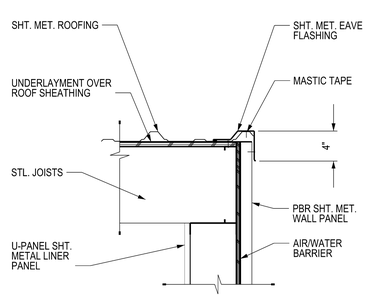
## G1 METAL ROOF / WALL PANEL - FASTENER LAYOUT

SCALE: NTS



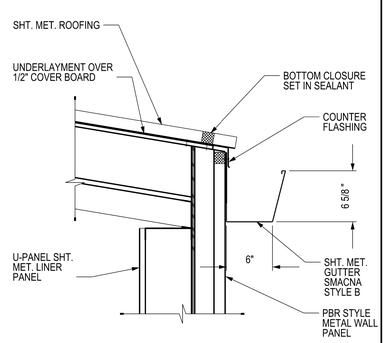

## G3 METAL ROOF PEAK ⚠1

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



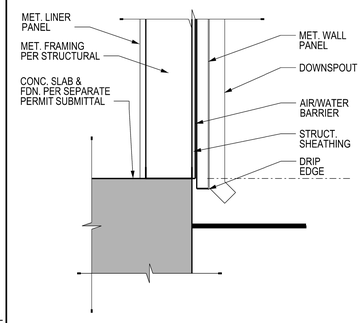

## G5 METAL ROOF EAVE ⚠1

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



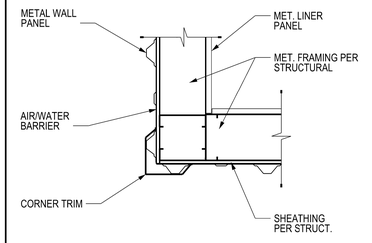

## G7 METAL ROOF GUTTER ⚠1

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



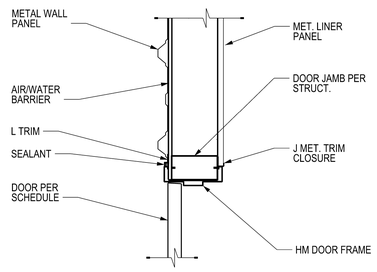

## G9 WALL AT FOUNDATION ⚠1

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



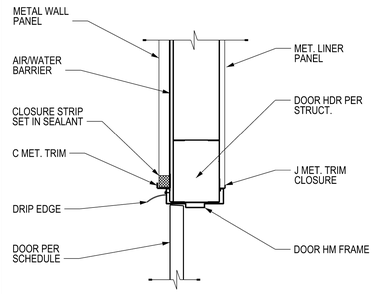

## G11 OUTSIDE CORNER ⚠1

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



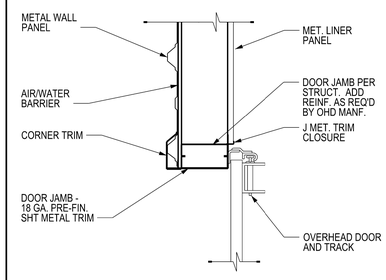

## E5 DOOR JAMB (LOUVER SIMILAR) ⚠1

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



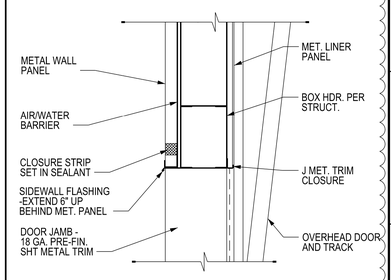

## E7 DOOR HEAD (LOUVER HEAD SIM.) ⚠1

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




## E9 OVERHEAD DOOR JAMB ⚠1

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



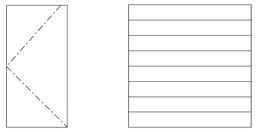

## E11 OVERHEAD DOOR HEAD ⚠1

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

### OPENING SCHEDULE

| NO. | TYPE | CONFIG. | WIDTH | HEIGHT | MAT. | F.R. | FRAME MAT. | FRAME F.R. | HW. | SILL | JAMB | HEAD | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | A | SGL | 3'-0" | 7'-0" | HM | NR | HM-PTD. | NR | 1 | --- | E5/A501-13A | E7/A501-13A | |
| 102 | B | OHD | 9'-0" | 10'-0" | STL | NR | STL-PTD. | NR | 2 | --- | E9/A501-13A | E11/A501-13A | MANUAL CHAIN OPERATED |
| 103 | A | SGL | 3'-0" | 7'-0" | HM | NR | HM-PTD. | NR | 1 | --- | E5/A501-13A | E7/A501-13A | |

**DOOR TYPES**




**DOOR HARDWARE SCHEDULE**

**HW-1 SINGLE: NON-RATED**

3 ea McKinney MP67P 4.5x4.5 US26D Hinges
1 ea Corbin Russwin ED5200x x 09 x n9 x E30
1 ea Norton PR7500 689 Closer
1 ea Rockwood K1050 10x34 630 Bev Kick Plate
1 ea mechanical
1 drip edge pemko 346 x c

**HW-2 SINGLE OVERHEAD DOOR**

HARDWARE BY DOOR MANUFACTURER
1 MANUAL FLUSH BOLT w/ holes for padlock
1 CHAIN HOIST
2 pemb weatherseals

SWINGING
~~INSULATED HOLLOW METAL DOOR U-FACTOR: 0.37~~

OVERHEAD SECTIONAL
BASIS OF DESIGN:
OVERHEAD DOOR CORPORATION
MODEL 432 MEDIUM DUTY ~~INSULATED~~ SECTIONAL STEEL DOOR
2" NOM. THICKNESS
EXTERIOR STEEL 24 GA. GALVINZED - WHITE PAINTED
INTERIOR COVER: POLY BONDED LAMINATE
~~INSULATION: EXPANDED POLYSTYRENE, R-VALUE: 7.35 U-FACTOR: 0.136~~
STANDARD BOTTOM WEATHERSTRIPPING
JAMB WEATHERSEALS
CHAIN HOIST OPERATION
SLIDE LATCH BOLT ON INSIDE ⚠1

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DETAILS
SCHEDULES

A-501-13A