

DRAWING SYMBOLS

ABBREVIATIONS

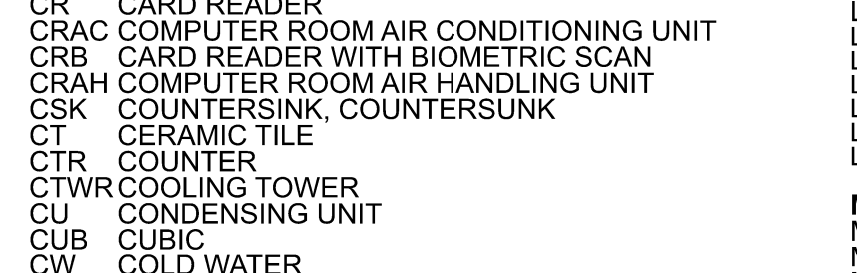
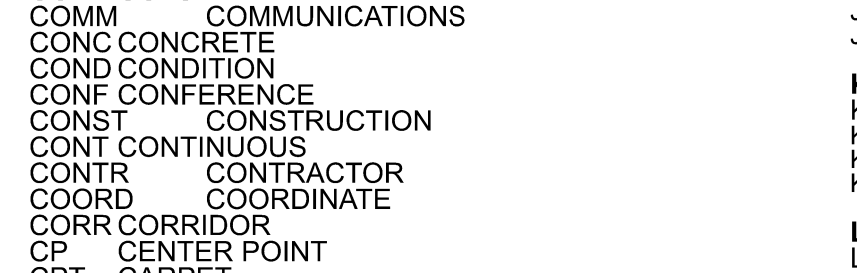
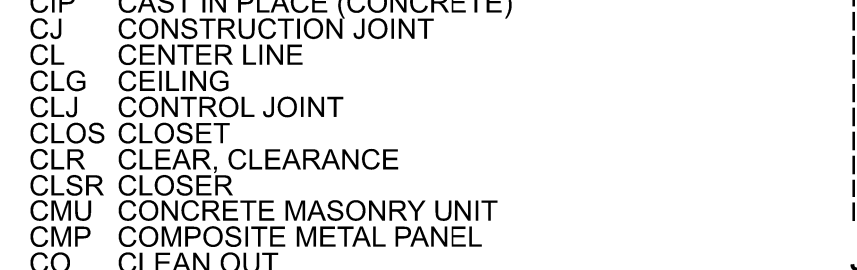
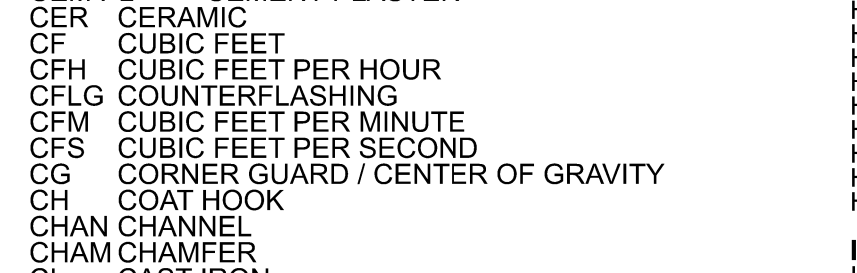
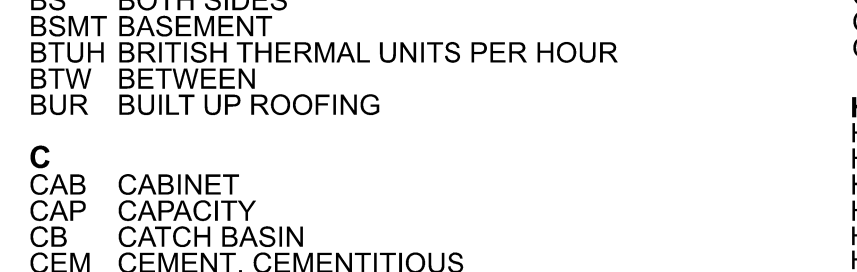
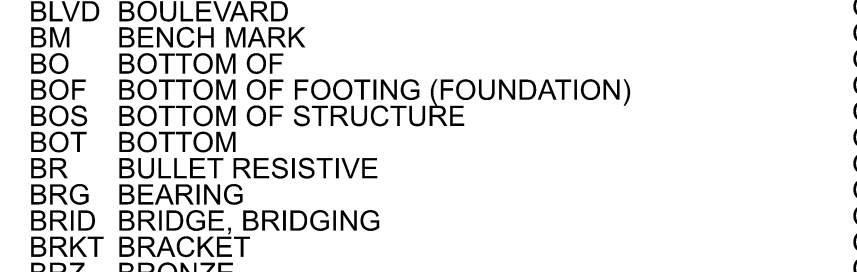
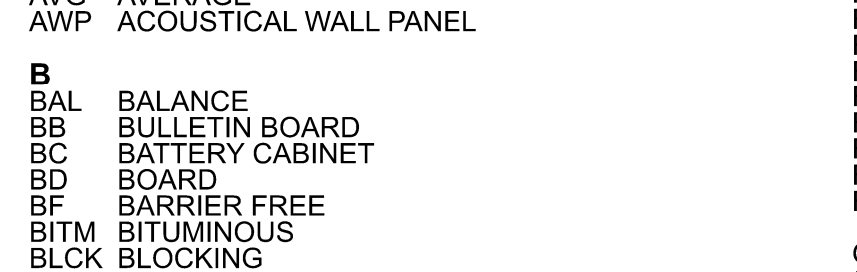
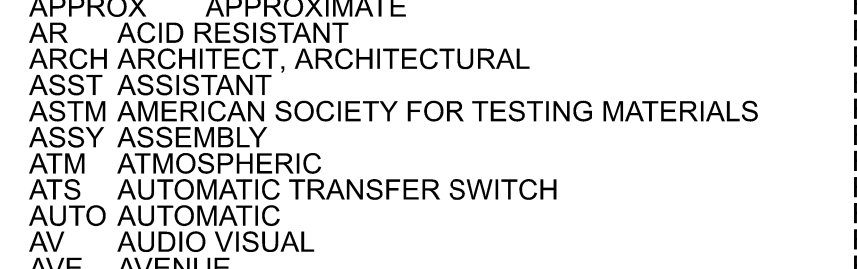
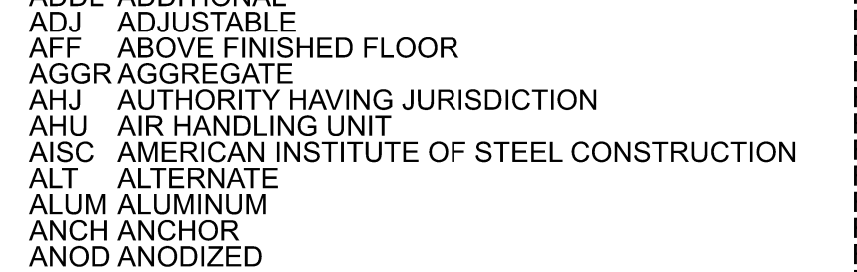
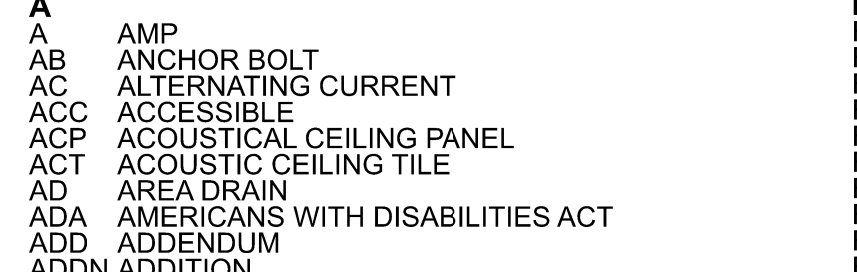
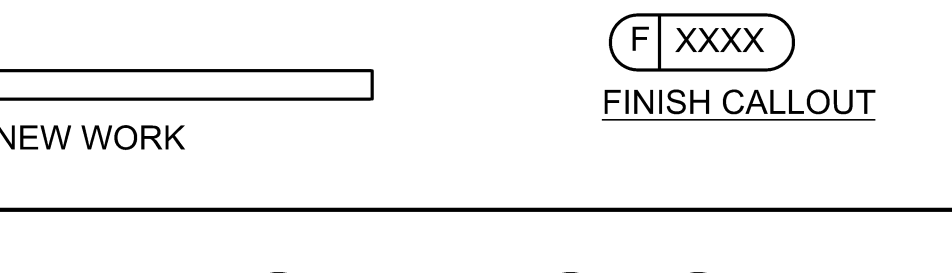
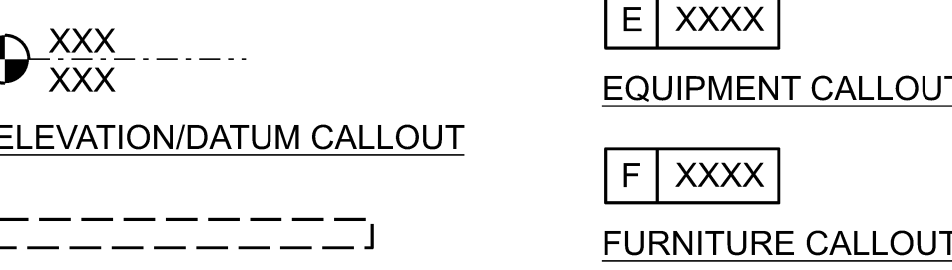
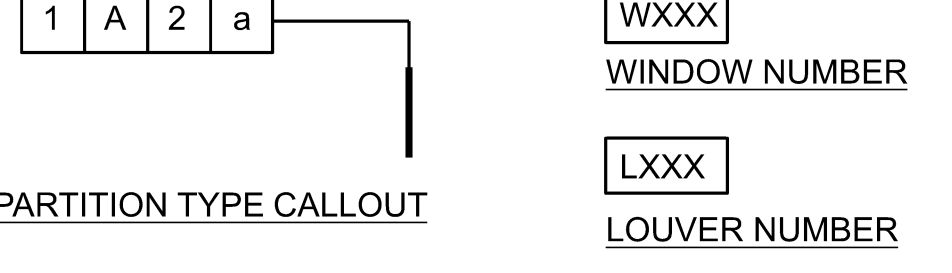
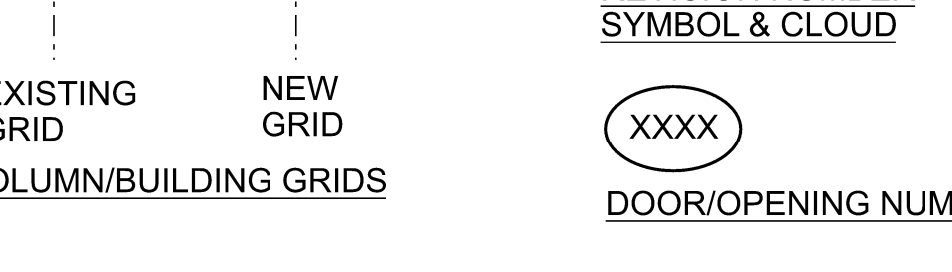
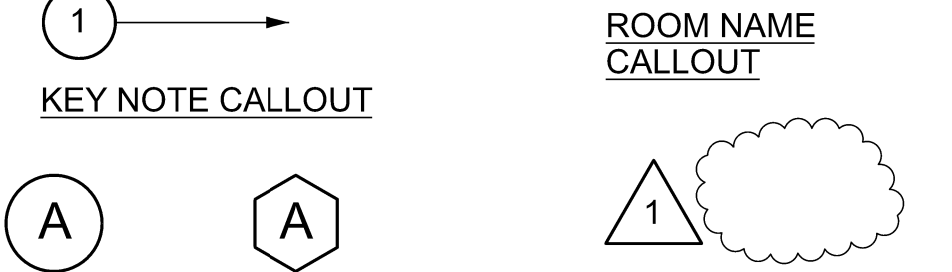
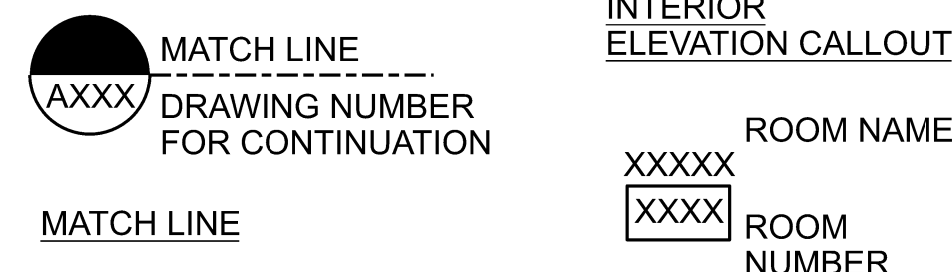
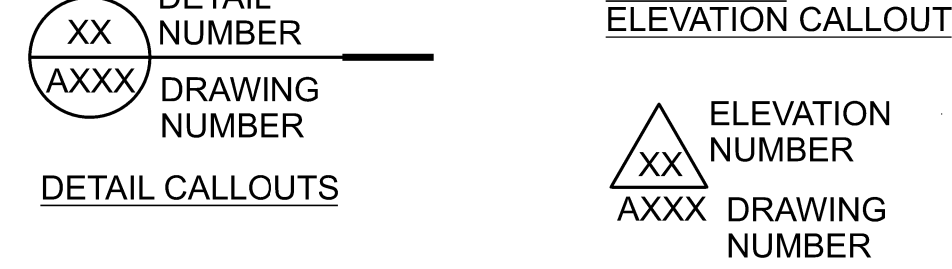
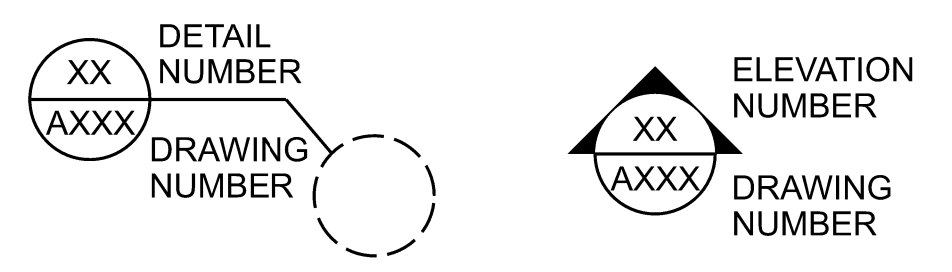
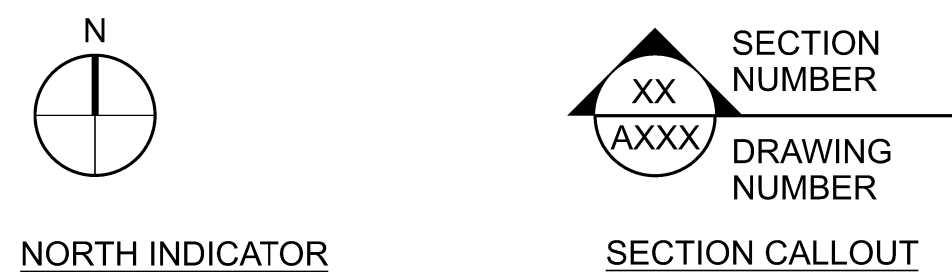
VICINITY MAP

PROJECT DIRECTORY

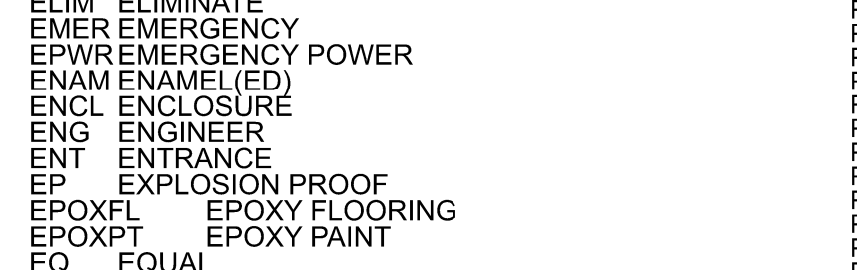
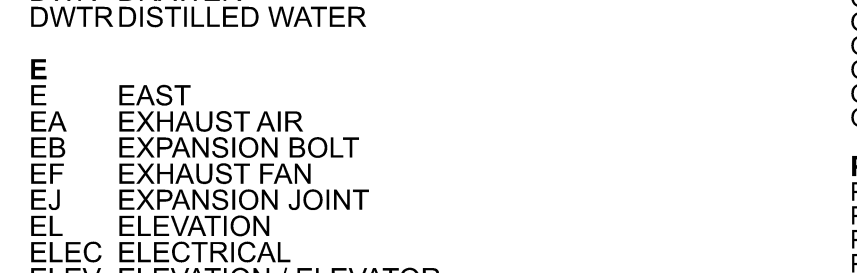
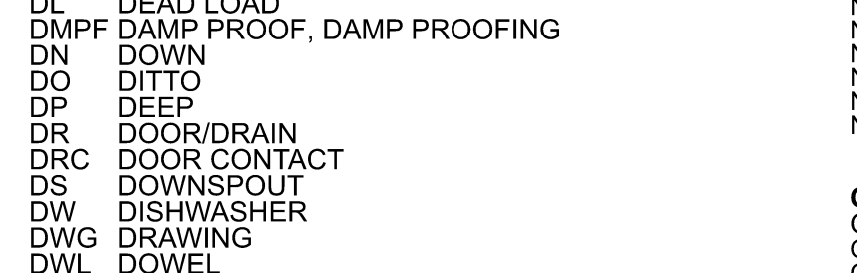
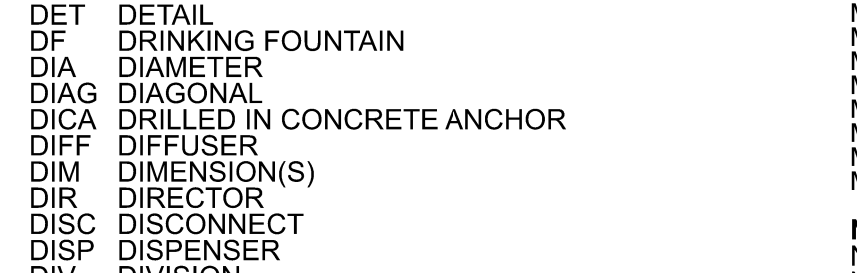
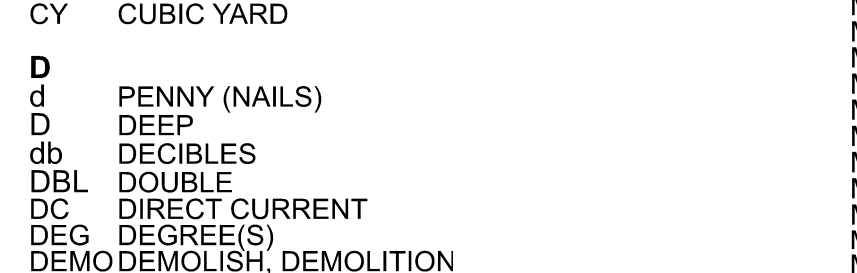
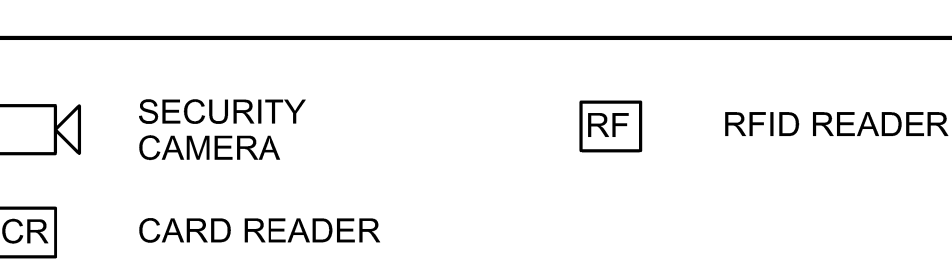
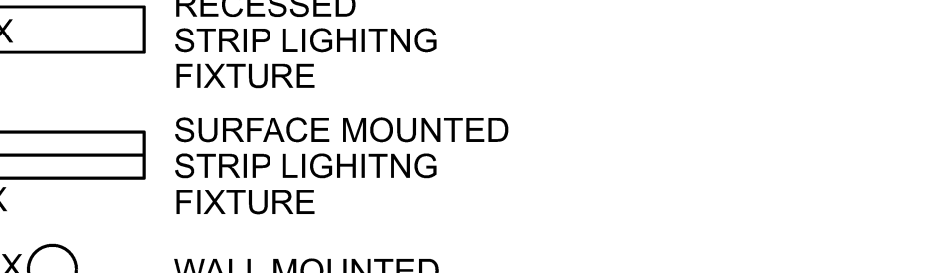
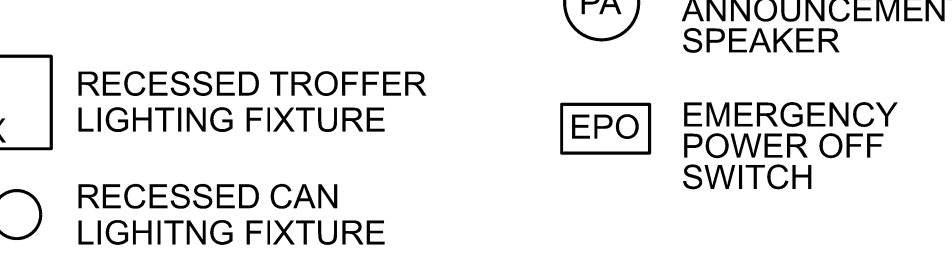
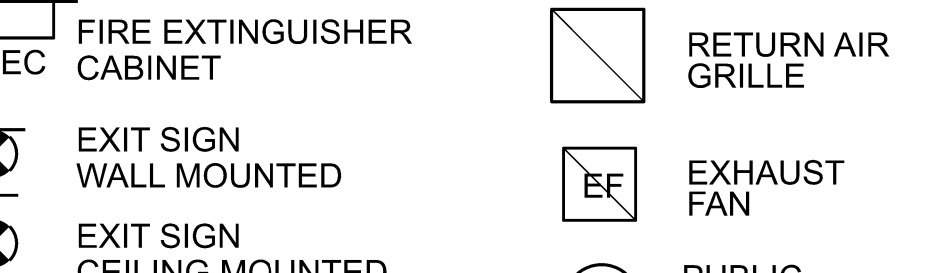
SHEET INDEX

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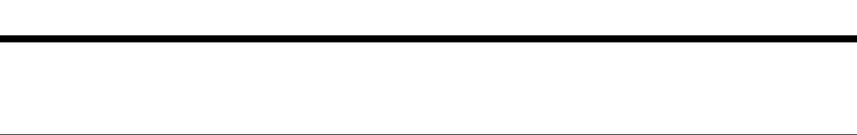
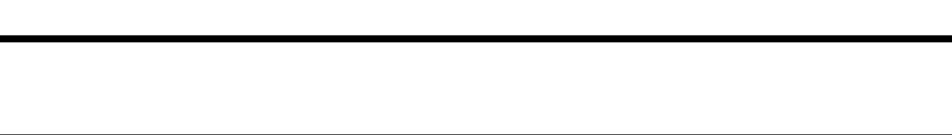
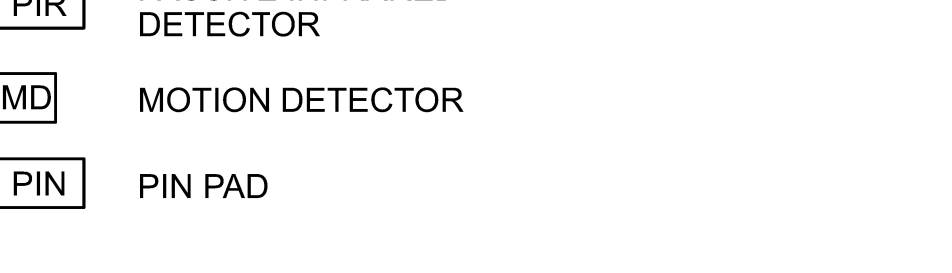
H



D



A



F FARENHEIT
FA FIRE ALARM
FAB FABRICATE, FABRICATOR / FABRIC FACILITY
FACP FIRE ALARM CONTROL PANEL
FAS FIRE ALARM SYSTEM
FB FLAT BAR
FC FURRING CHANNEL
FD FAN COIL UNIT
FD FLOOR DRAIN
FDC FIRE DEPARTMENT CONNECTION
FEN FINISHED OPENING
FE-X FIRE EXTINGUISHER, "X" DENOTES TYPE
FE-X FIRE EXTINGUISHER CABINET, "X" DENOTES TYPE
FGL FIBERGLAS
FH FIRE HYDRANT
FHC FIRE HOSE CABINET
FIG FIGURE
FM FEET PER MINUTE
FPM FEET PER MINUTE
FRTW FIRE RETARDANT TREATED WOOD
FS FLOOR FINISH
FSD FIRE/SMOKE DAMPER
FOT FOOT
FTG FOOTING
F TO F FACE TO FACE
FR FURRING
FUT FUTURE
FV FABRIC WALL COVERING
FXD FIXED

G GAUGE / GYPSUM ASSOCIATION
GAL GALLON
GALV GALVANIZED
GB GRAB BAR
GEN GENERAL CONTRACTOR
GEN GENERAL / GENERATOR
GFR GLASS FIBER REINFORCED CONCRETE
GFRG GLASS FIBER REINFORCED GYPSUM
GIR GALVANIZED IRON
GL GLASS OR GLAZING
GLAM GLUE LAMINATED
GLP GYPSUM LATH AND PLASTER
GSL GYPSUM SHEET LINER
GWB GYPSUM WALLBOARD
GYP GYPSUM

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

I INTERNATIONAL BUILDING CODE
IC INTERCOM
ICD INSIDE DIAMETER
IEC INTERNATIONAL ENERGY CODE
IEF INTERNATIONAL FIRE CODE
IEC INTERNATIONAL ELECTRICAL CODE
INCL INCLUDE, INCLUDING
INFO INFORMATION
INSUL INSULATION
INT INTERIOR
IPC INTERNATIONAL PLUMBING CODE

J JANITOR
JAN JANITOR'S SINK
JT JOINT

K KITCHEN
KV KILO-VOLT
KVA KILOVOLT-AMPERE
KW KILO-WATT

L LONG
LAM LAMINATE, LAMINATED
LAU LAUNDRY
LAW LAUNDRY
LH LEFT HAND
LHR LEFT HAND REVERSED
LS LAG SCREW
LTG LIGHTING

M 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
MTR METAL TRANSFER SWITCH
MPE MINIMUM POINT OF ENTRY (TELECOM)
MST METAL STUD
MVA MEGA-VOLT-AMPERE
MVB MOVABLE
MW MEGA-WATT

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

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

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

Q QUARRY TILE

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

S SOUTH
SUA SUPPLY AIR
SCD SOLID CORE
SCHED SCHEDULE
SD SMOKE DETECTOR, STORM DRAIN
SHT SHEET
SGL SINGLE
SHT SHEATHING
SIL SIMILAR
SJ SIESMIC 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
SPR SPRINKLER
SPKR SPEAKER
SPR SINGLE PLY ROOFING
SQ SQUARE
SS SERVER RACK
SS SERVICE SINK
SSW SOLID SURFACING MATERIAL
STS TAINLESS STEEL
STC SOUND TRANSMISSION CLASS
STL STEEL
STOR STORAGE
STRUC STRUCTURE, STRUCTURAL
SVF SHEET VINYL FLOORING
SW SIDEWALK
SWBD SWITCHBOARD
SWG SWITCHGEAR

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

U URINAL
UF UNDER FLOOR
UL UNDERWRITERS LABORATORIES
UNFIN UNFINISHED
UNGRD UNDERGROUND
UNON UNLESS OTHERWISE NOTED
UPS UNINTERRUPTIBLE POWER SUPPLY

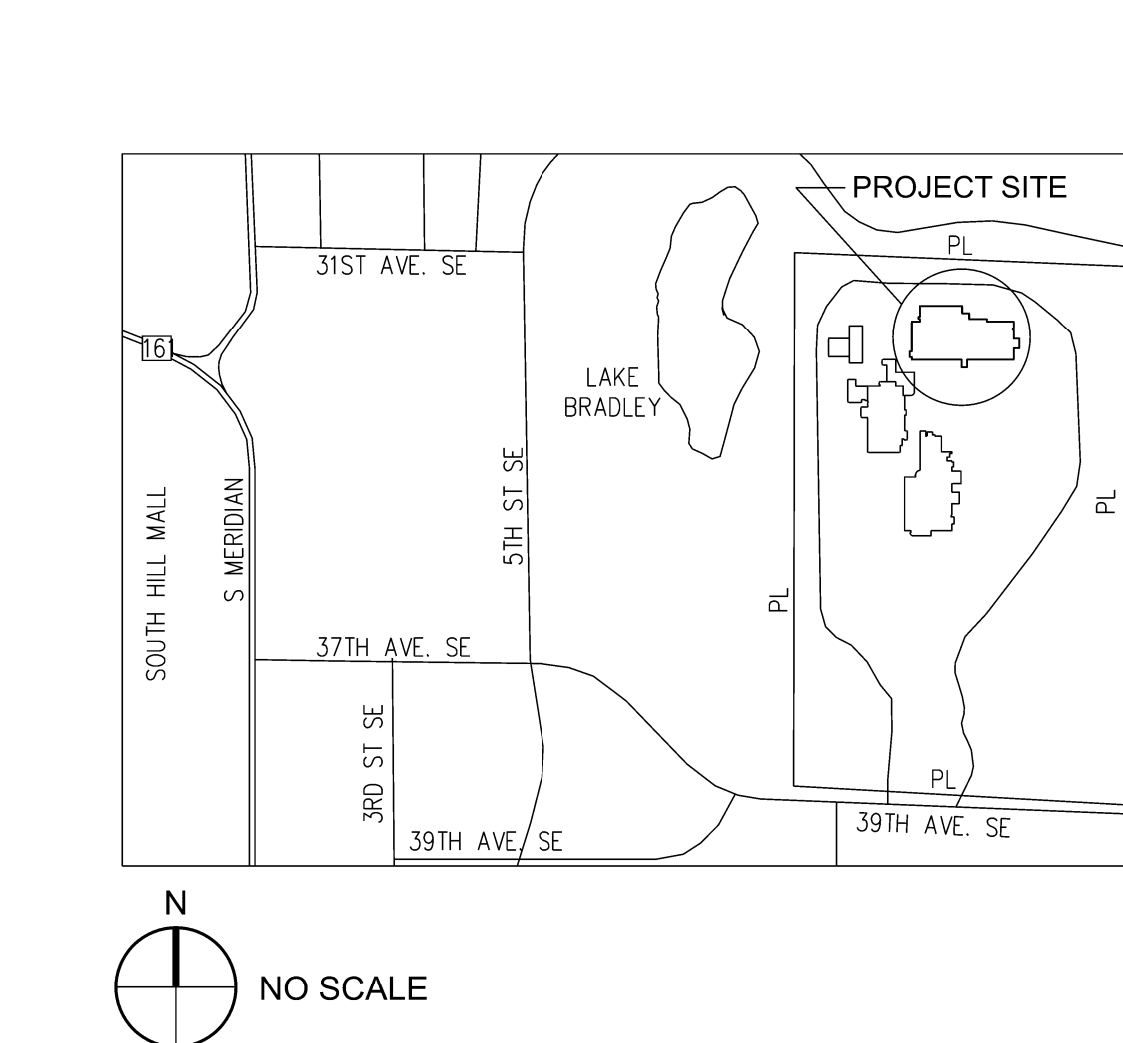
V VOLT
VB VAPOR BARRIER
VC VIDEO CAMERA
VCT VINYL COMPOSITION TILE
VERT VERTICAL
VIB VIBRISTIBLE
VIF VERIFY IN FIELD
VTF VINYL TILE FLOORING
VWC VINYL WALL COVERING

W WATT
W WEST, WIDE
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
WWW WELDED WIRE FABRIC

X XRAY XRAY PROCESS OR MACHINE
XTR XTR TRANSFORMER

Y YARD

Z ZINC



NO SCALE

PROJECT INFORMATION

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

PARCEL NUMBER
0419034037

LEGAL DESCRIPTION
SECTION 03 TOWNSHIP 19 RANGE 04 QUARTER 43 PARCEL "1" OF ROS 2007-04-30-5001 (AFF OF MIN OR CORR SURVEY 200710200450) COM AT S 1/4 COR OF SEC TH N 86 DEG 31 MIN 42 SEC W 2621.06 FT FROM SE COR TH N 00 DEG 00 MIN 24 SEC E 676.33 FT TO POB TH CONT N 00 DEG 00 MIN 24 SEC E 1923.18 FT TO A PT S 00 DEG 00 MIN 24 SEC W 30.21 FT TH S 87 DEG 44 MIN 17 SEC E 1258.61 FT TH S 00 DEG 13 MIN 45 SEC W 1391.90 FT TH S 42 DEG 55 MIN 23 W 659.07 FT TH S 07 DEG 42 MIN 49 SEC E 686.42 FT TH N 87 DEG 01 MIN 38 SEC W 169.45 FT TH N 00 DEG 52 MIN 42 SEC E 672.42 FT TH N 89 DEG 59 MIN 36 SEC W 736.66 FT TO POB APPROVED SUBD BY CY OF PUYALLUP PLANNING DEPT 04/03/07 OUT OF 4-028 SEG 2008-0246 10/23/07CL DC11/19/07CL

WORK UNDER THIS PERMIT
CONSTRUCT CONCRETE PAD FOUNDATIONS FOR NEW FLUID COOLERS, AIR-COOLED CHILLERS, AND MISC. MECHANICAL EQUIPMENT. TOTAL AREA OF NEW CONCRETE PADS = 2,226 SF.

WORK UNDER SEPARATE PERMITS
MECHANICAL WORK
PLUMBING WORK
ELECTRICAL WORK

SCOPE OF WORK

CODE INFORMATION

APPLICABLE CODES
WASHINGTON BUILDING CODE, 2018 EDITION
WASHINGTON FIRE CODE, 2018 EDITION
WASHINGTON MECHANICAL CODE, 2018 EDITION
WASHINGTON PLUMBING CODE, 2018 EDITION
NATIONAL ELECTRIC CODE, CURRENT EDITION
WASHINGTON STATE ENERGY CODE, CURRENT EDITION

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

BUILDING CODE INFORMATION
BUILDING OCCUPANCY GROUP: TYPE B, DATA CENTER
TYPE OF CONSTRUCTION: TYPE IIA, FULLY SPRINKLERED
NO CHANGE TO BUILDING HEIGHT OR AREA

LAND USE CODE INFORMATION
EXISTING SITE AREA: 15.77ACRES

GENERAL NOTES

- DO NOT SCALE THE DRAWINGS.
- THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. WHAT IS SHOWN ON ONE SHALL BE CONSTRUED TO BE REQUIRED BY BOTH.
- 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.
- ALL DIMENSIONS ARE SHOWN TO THE STRUCTURAL GRID OR FINISHED SURFACES, UNLESS NOTED OTHERWISE.
- DETAILS ARE SHOWN ON THE DRAWINGS FOR THE FIRST OCCURANCE OF THE CONDITION AND ARE TYPICAL FOR ALL OTHER SIMILAR CONDITIONS.
- PROVIDE A MINIMUM OF 6" FROM AN ADJACENT FINISHED SURFACE TO THE EDGE OF ANY FINISHED OPENING.

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

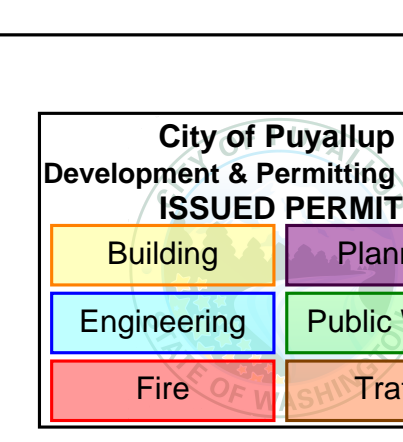
ARCHITECT
CASCADE MISSION CRITICAL, LLC
6210 36TH AVENUE N.E.
SEATTLE, WA 98115
MAIN PHONE: 206-294-1288
CONTACT: LEONARD A. RUFF, AIA
PHONE: 206-294-1288
EMAIL: LEONARD.RUFF@CASCADE MISSIONCRITICAL.COM

STRUCTURAL ENGINEER
QUANTUM CONSULTING ENGINEERS, LLC
1511 THIRD AVENUE, SUITE 323
SEATTLE, WA 98101
MAIN PHONE: 206-957-3900
CONTACT: SCOTT TINKER, PE
PHONE: 206-957-3916
EMAIL: SCOTT.TINKER@QUANTUMCE.COM

ARCHITECTURAL
A-000-02 GENERAL INFORMATION
A-101-02 OVERALL SITE PLAN
A-102-02 ENLARGED SITE PLANS SECTIONS

STRUCTURAL
S1.0 GENERAL STRUCTURAL NOTES
S1.1 GENERAL STRUCTURAL NOTES
S3.0 DETAILS

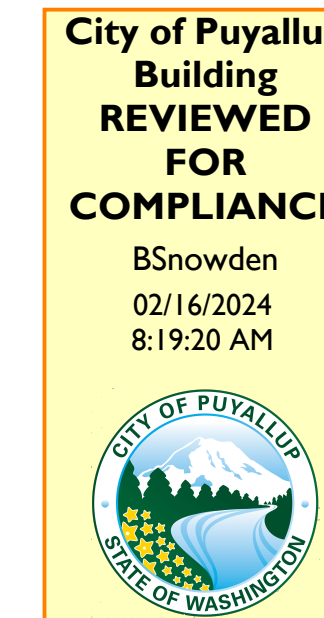
OWNER:
BENAROYA CAPITAL, LLC
Centeris Data Centers
9675 SE 36th St, Suite 115
Mercer Island, WA 98040
+1.253.200.4120



CONSULTANT:
5538 REGISTERED ARCHITECT
LEONARD A. RUFF
STATE OF WASHINGTON

CASCADE MISSION CRITICAL, LLC
Data Center Consulting and Design
6210 36th Avenue N.E., Seattle, WA 98115
P: 206-294-1288 www.cascademissioncritical.com

CENTERIS VOLTAGE PARK
1023 39th Avenue South East
Puyallup, WA 98374-2121
WB 02: Chiller & Fluid Cooler Pads
North Utility Yard



Approval for Foundation only. Other items must be approved via separate permit submittal.

The City shall not be held liable for any conflicts that arise between the approved building plans and approved civil construction plans since the building permits were issued prior to civil approval.

Call before you dig. It's the law. Dial 811 or call 1-800-424-5555.

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.

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.

ISSUED/REVISED	DATE
PERMIT SUBMITTAL	1/26/24

PERMIT SUBMITTAL
JANUARY 26, 2024

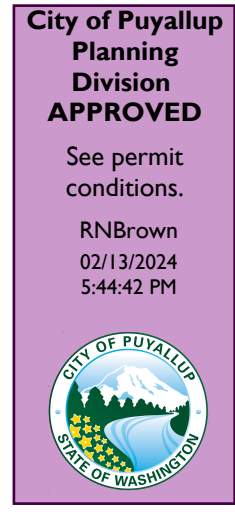
GENERAL NOTES

A-000-02

SITE INFORMATION

PARCEL NO. 0419034037
 ADDRESS: 1023 39TH AVENUE S.E.
 PARCEL AREA: 15.77 ACRES

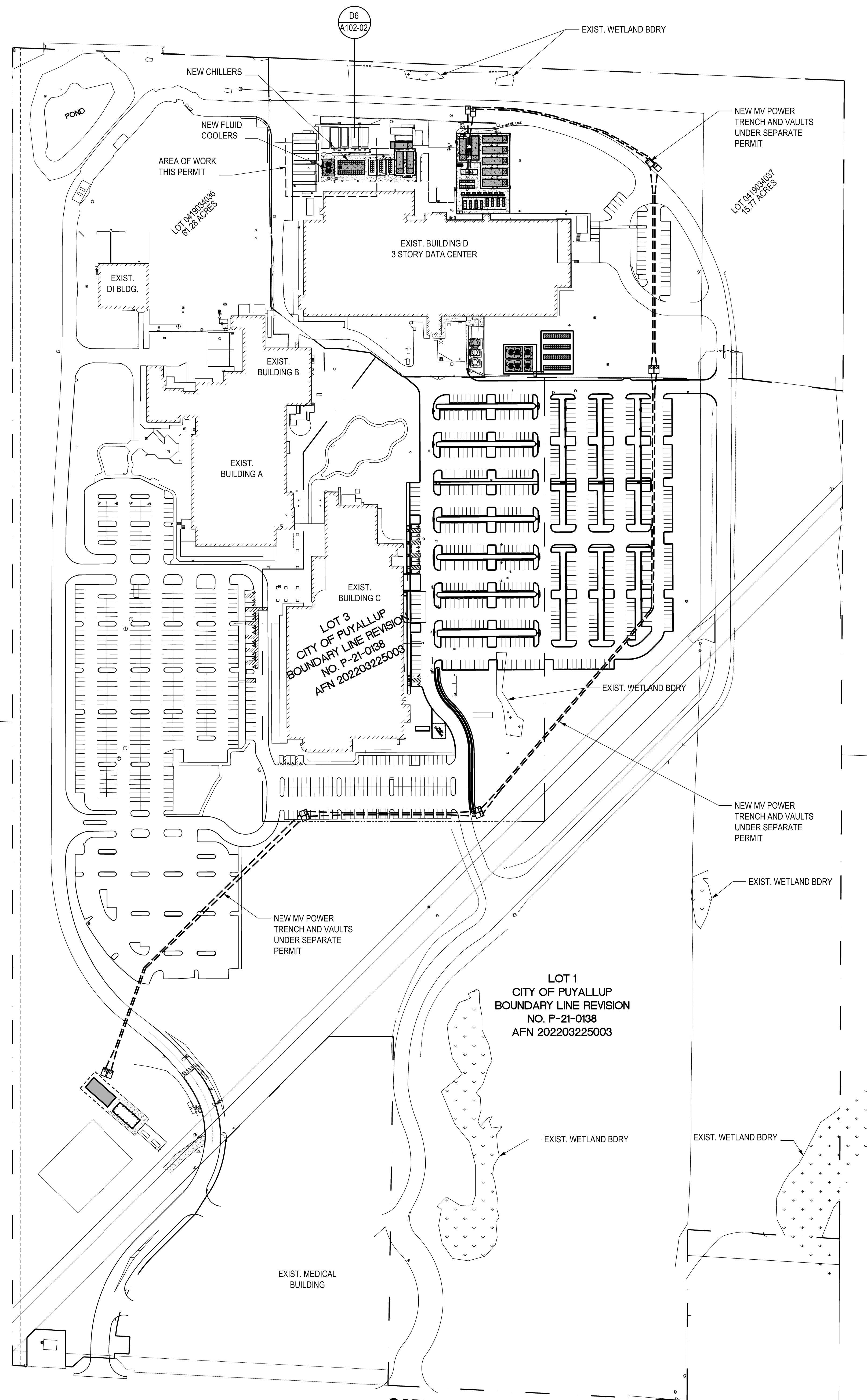
LEGAL DESCRIPTION
 Section 03 Township 19 Range 04 Quarter 42 LOT 2 OF BLR 2022-03-22-5003 A POR OF BLR 2019-05-22-5002 LY IN CY OF PUYALLUP MORE PARTICULARLY DESC AS FOLL COM AT STONE MON MARKING S 1/4 COR OF SEC 3 SD STONE MON LIES N 86 DEG 31 MIN 42 SEC E 2621.06 FT FROM SE COR OF SD SEC 3 TH N 00 DEG 00 MIN 24 SEC E 2599.51 FT TH S 87 DEG 44 MIN 17 SEC E 496.53 FT TO POB TH S 00 DEG 04 MIN 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 78.9 FT TH S 89 DEG 41 MIN 48 SEC E 655.79 FT TH S 83 DEG 08 MIN 36 SEC E 199.54 FT TH N 00 DEG 13 MIN 45 SEC E 602.4 FT TH N 87 DEG 44 MIN 17 SEC W 1118.01 FT TO POB EASE OF REC OUT OF 04-19-03-4-031 & 4-034 SEG 2019-0472 05/30/19 JP 20190652DC 03/31/22 JP



Planning Note: Foundation Only, chillers, mechanical equipment and other structures under separate permit

OVERALL SCOPE OF WORK

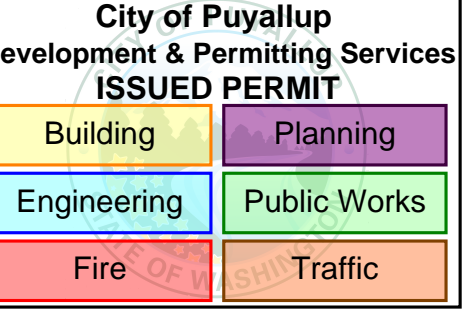
INSTALL ONE CONCRETE SLAB FOUNDATION FOR TWO NEW FLUID COOLERS; INSTALL ONE NEW CONCRETE SLAB FOUNDATION FOR TWO NEW AIR COOLED CHILLERS; INSTALL CONCRETE EQUIPMENT PADS FOR MISCELLANEOUS MECHANICAL EQUIPMENT.



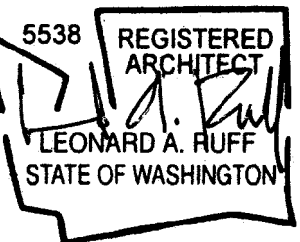
A6 OVERALL SITE PLAN
 SCALE: 1" = 100'

PRFO20240140

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



CONSULTANT:



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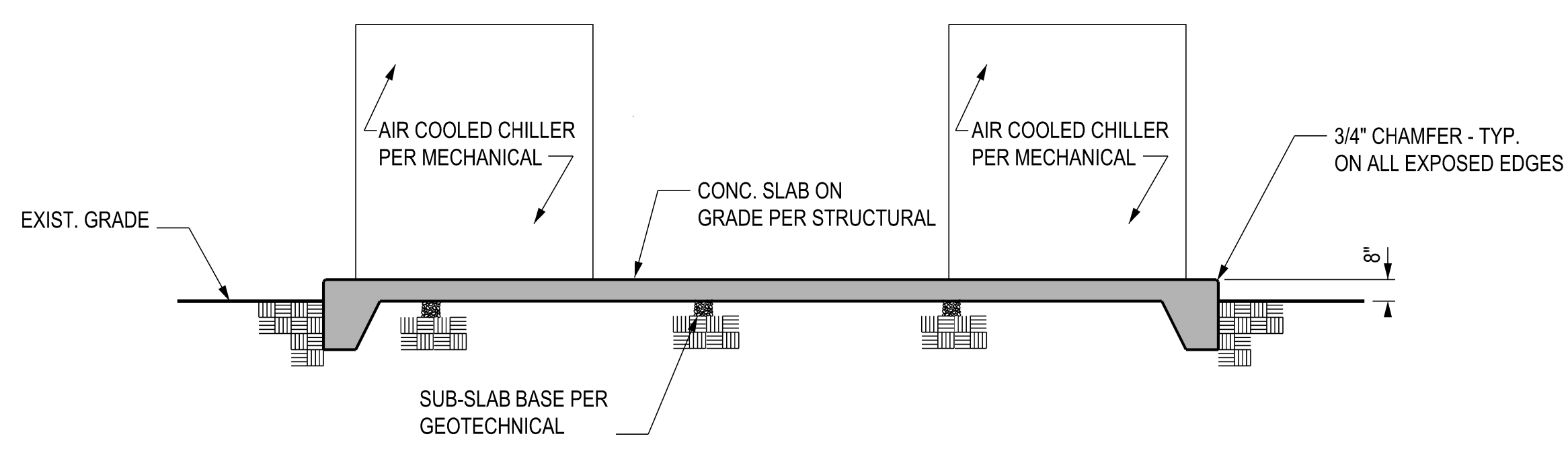
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ISSUED/REVISED	DATE
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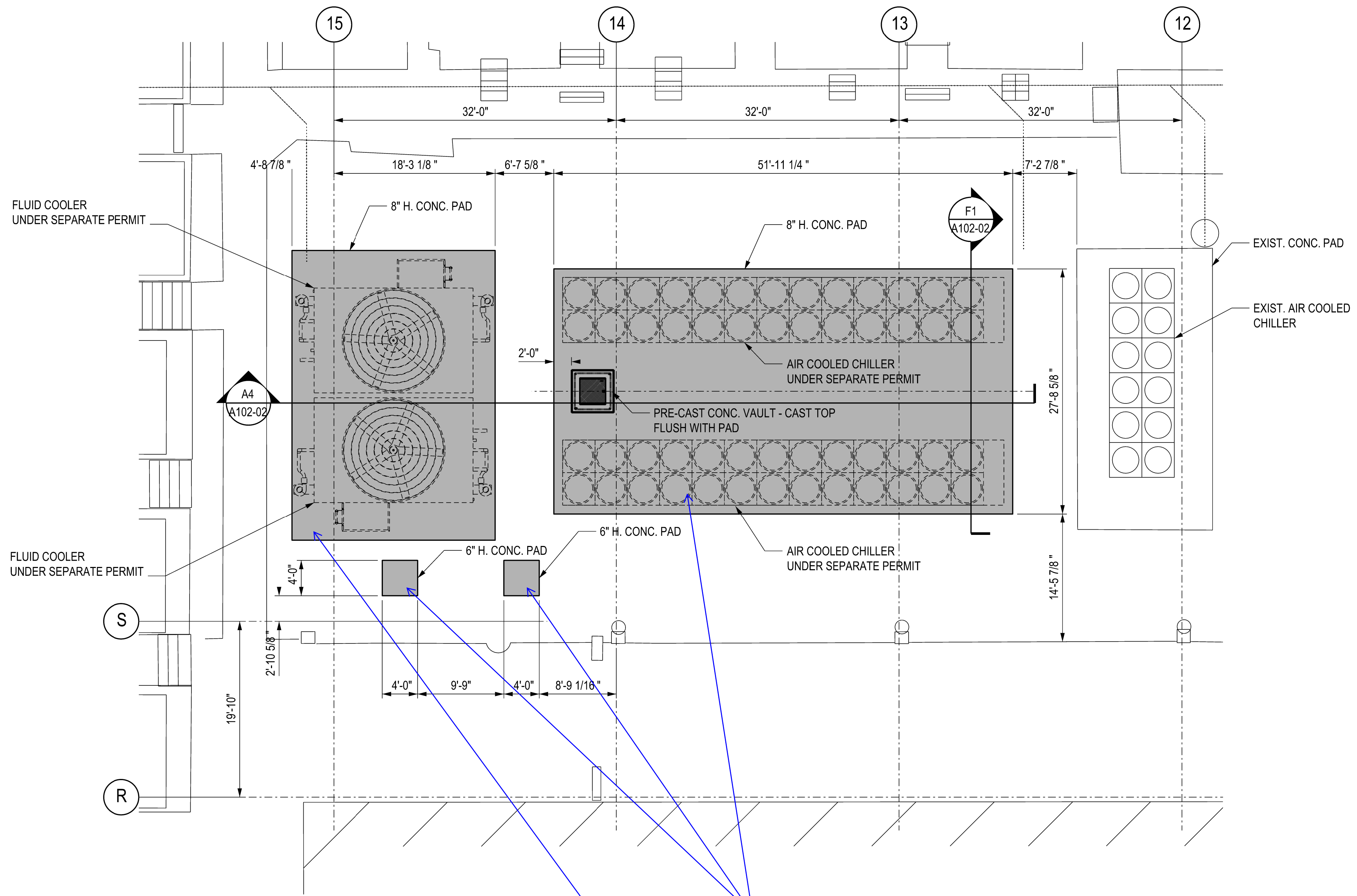
PERMIT SUBMITTAL
 JANUARY 26, 2024

OVERALL SITE PLAN

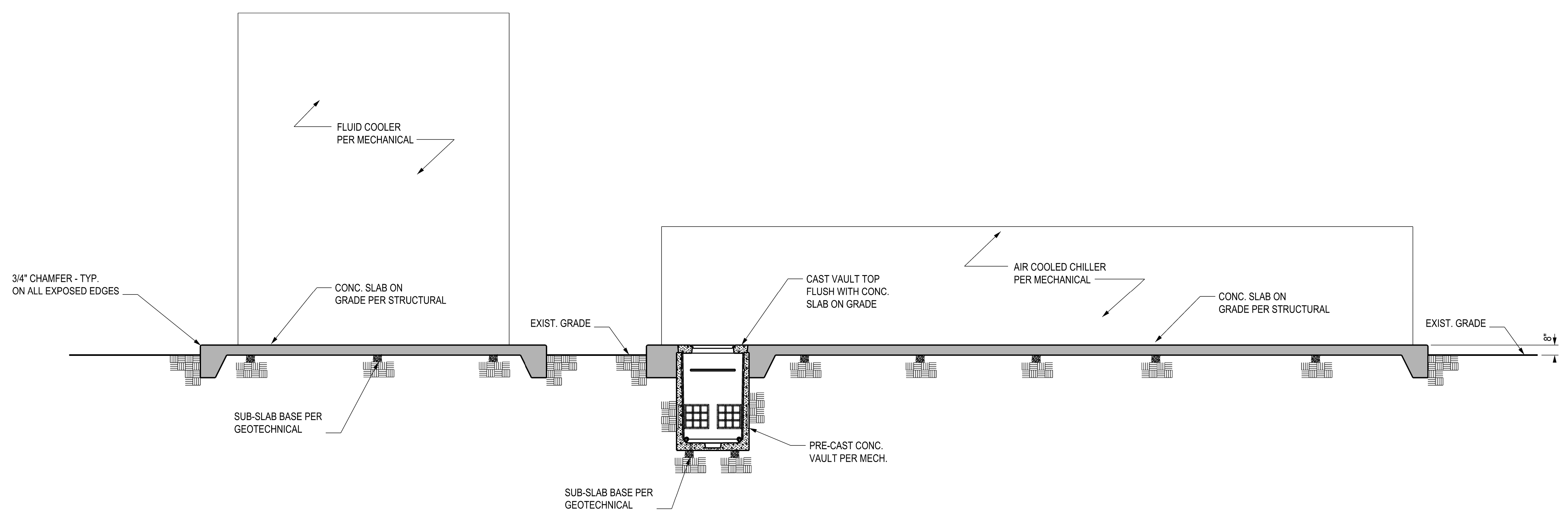
A-101-02



F1 SECTION - CHILLER PAD
SCALE: 1/4" = 1' - 0"



D6 ENLARGED SITE PLAN - NORTH UTILITY YARD
SCALE: 1/8" = 1' - 0"



A4 SECTION - CHILLER PAD & FLUID COOLER PAD
SCALE: 1/4" = 1' - 0"

See project scope on cover page. Only construction of these concrete pad foundations permitted. Installation of generators, electrical, access platforms, and stairs under separate permit.

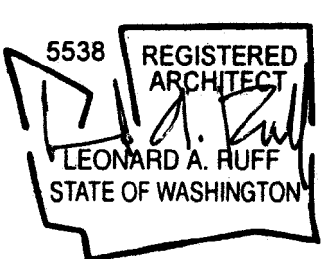
PRFO20240140

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

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

CONSULTANT:



CASCADE MISSION CRITICAL, LLC
Data Center Consulting and Design
6210 36th Avenue N.E. Seattle, WA 98115
P: 206-294-1288 www.cascadecommissioncritical.com

CENTERIS VOLTAGE PARK
1023 39th Avenue South East
Puyallup, WA 98374-2121
WB 02: Chiller & Fluid Cooler Pads
North Utility Yard

ISSUED/REVISED	DATE
PERMIT SUBMITTAL	1/26/24

PERMIT SUBMITTAL
JANUARY 26, 2024

ENLARGED SITE PLAN
SECTIONS
NORTH UTILITY YARD

A-102-02