KENT STATION
CLINIC EXPANSION

521 2ND PL N, SUITE 11-103A
KENT, WA 98032



COLLINS WOERMAN

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206.245.2100

PROJECT DIRECTORY

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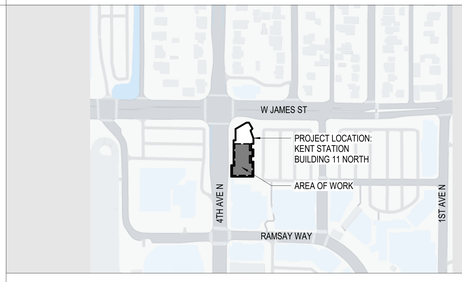
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VICINITY MAP



PROJECT DESCRIPTION

THE PROJECT IS TO EXPAND THE EXISTING OUTPATIENT CLINIC INTO THE ADJACENT UNOCCUPIED SPACES LOCATED IN THIS SINGLE STORY BUILDING, WHICH WAS BUILT IN 2006. THIS TENANT IMPROVEMENT PROJECT CONSISTS OF INTERIOR DEMOLITION AND BUILD-OUT OF THE UNOCCUPIED SPACES (APPROXIMATELY 3,780 SF) WITH MINOR MODIFICATIONS OF THE OCCUPIED CLINIC. PROJECT INCLUDES ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL AND LOW VOLTAGE WORK. THE WORK WILL BE CONDUCTED IN MULTIPLE PHASES IN ORDER TO ALLOW THE EXISTING CLINIC TO MAINTAIN BUSINESS OPERATIONS DURING CONSTRUCTION AND OCCUPY INTERIM PHASES AS THEY ARE COMPLETED AND APPROVED BY THE CITY OF KENT BUILDING DEPARTMENT. WORK ALSO INCLUDES REPLACING EXISTING ROOFTOP MECHANICAL UNITS.

PROJECT INFORMATION

SITE ADDRESS:	521 Second Place N., Suite 11-103A, Kent, WA 98032
TAX PARCEL NUMBER:	383098-0010
LEGAL DESCRIPTION:	Kent Station Div 2
JURISDICTION:	City of Kent
EXISTING ZONING CLASSIFICATION:	Downtown Commercial Enterprise
SITE AREA:	75,110 SF SF

DRAWING INDEXES

ARCHITECTURAL DRAWING INDEX

SHEET NO.	DRAWING NAME
G1.1	ABBREVIATIONS, GRAPHIC STANDARDS AND NOTES
G1.2	LIFE SAFETY PLAN AND CODE INFORMATION
G1.3	CONCEPTUAL PHASING PLANS
A1.1	ARCHITECTURAL SITE PLAN
AD2.1	LEVEL 1 DEMOLITION FLOOR PLAN
AD2.2	LEVEL 1 DEMOLITION CEILING PLAN
A2.1	LEVEL 1 FLOOR PLAN
A2.2	ROOF PLAN
A2.11	LEVEL 1 EQUIPMENT PLAN
A2.12	LEVEL 1 FINISH PLAN
A2.13	LEVEL 1 POWER PLAN
A2.51	PARTITION SCHEDULE
A2.52	DOOR SCHEDULE
A2.53	INTERIOR FINISH SCHEDULE
A3.1	LEVEL 1 REFLECTED CEILING PLAN
A6.1	COMMERCIAL MOUNTING DIAGRAM
A6.2	CASEWORK LEGEND
A6.3	INTERIOR ELEVATIONS
A6.4	INTERIOR ELEVATIONS
A9.1	INTERIOR DETAILS
A9.2	INTERIOR DETAILS

DRAWING INDEX - STRUCTURAL

SHEET NO.	DRAWING NAME
S.01	GENERAL NOTES
S2.1	LEVEL 1 PLAN
S2.2	CEILING FRAMING PLAN
S2.3	ROOF FRAMING PLAN
S3.1	SECTIONS AND DETAILS

DRAWING INDEX - MECHANICAL

SHEET NO.	DRAWING NAME
M0.0	GENERAL NOTES, LEGEND, ABBREVIATIONS & SHEET INDEX
M1.1	SCHEDULES
MD2.1	LEVEL 1 OVERALL DEMOLITION PLAN
MD2.2	ROOF OVERALL DEMOLITION PLAN
M2.1	LEVEL 1 OVERALL PLAN
M2.2	ROOF OVERALL PLAN
M5.1	ZONING PLAN
M6.1	MECHANICAL CONTROLS
M9.1	DETAILS

DRAWING INDEX - PLUMBING

SHEET NO.	DRAWING NAME
P0.0	GENERAL NOTES, LEGEND, ABBREVIATIONS & SHEET INDEX
P1.1	SCHEDULES
PD2.0	SUBFLOOR DEMOLITION PLAN
PD2.1	LEVEL 1 DEMOLITION PLAN
P2.0	SUBLFOOR PLAN
P2.1	LEVEL 1 PLAN
P3.1	LEVEL 1 ENLARGED PLAN
P9.1	DETAILS

DRAWING INDEX - ELECTRICAL

SHEET NO.	DRAWING NAME
E0.0	GENERAL NOTES, LEGEND, ABBREVIATIONS & SHEET INDEX
E0.1	LUMINAIRE SCHEDULE & TECHNOLOGY MATRIX
E0.2	SCHEDULES AND SINGLE LINE DIAGRAMS
ED2.1	ELETRICAL DEMOLITION PLAN
ED2.2	ELECTRICAL DEMOLITION ROOF PLAN
E2.1	LEVEL 1 OVERALL POWER PLAN
E2.2	ROOF OVERALL POWER PLAN
E3.1	LEVEL 1 LIGHTING OVERALL PLAN
E3.2	LEVEL 1 LIGHTING PHOTOMETRIC PLAN
E4.1	LEVEL 1 OVERALL TECHNOLOGY PLAN
E7.1	WSEC REQUIREMENTS LIST
E7.2	WSEC REQUIREMENTS LIST
E9.1	ELECTRICAL, TECHNOLOGY, AND FIRE ALARM DETAILS

BID & PERMIT

06/04/2026

GENERAL ABBREVIATIONS

SYMBOLS:

&	AND
@	AT
X	BY
%	PERCENT
#	NUMBER, POUND
+/-	PLUS MINUS

A:

AB	ANCHOR BOLT, AIR BARRIER
AC	ASPHALTIC CONCRETE
A/C	AIR CONDITIONING
ACST	ACOUSTICAL
ACS PNL	ACCESS PANEL
AD	AREA DRAIN
ADDL	ADDITITIONAL
ADJ	ADJACENT, ADJUSTABLE
A/E	ARCHITECT/ENGINEER
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
AP	ASPHALT PAVING
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL, ARCHITECT
AUTO	AUTOMATIC

B:

B	BASE
B/B	BACK TO BACK
BD	BOARD
BITUM	BITUMINOUS
BL	BASE LINE
BLDG	BUILDING
BLKG	BLOCKING
BPL	BASE PLATE
BRG	BEARING
BRKT	BRACKET
BSMT	BASEMENT
BTM	BOTTOM
BTWN	BETWEEN
BUR	BUILT-UP ROOFING

C:

C	CHANNEL
CG	CORNER GUARD
C&G	CURB AND GUTTER
CAB	CABINET
CB	CATCH BASIN
C/C	CENTER TO CENTER
CER	CERAMIC
CFM	CUBIC FEET PER MINUTE
CG	CORNER GUARD
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONF	CONFERENCE
CONN	CONNECT, CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS, CONTINUE
CONTR	CONTRACTOR
CORR	CORRIDOR
COORD	COORDINATE
CPT	CARPET
CSMT	CASEMENT
CT	CERAMIC/PORCELAIN TILE
CTR	CENTER
CTV	CABLE TELEVISION
CU YD	CUBIC YARD
CW	COLD WATER, CURTAIN WALL

D:

D	DEPTH
DBL	DOUBLE
DEG	DEGREE(S)
DEMO	DEMOLISH, DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL

D (CONT):

DIFF	DIFFERENCE
DIM	DIMENSION
DISP	DISPENSER
DIST	DISTRIBUTION
DN	DOWN
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING

E:

E	EAST
EA	EACH
EF	EXHAUST FAN
EJ	EXPANSION JOINT
EJC	EXPANSION JOINT COVER
EL	ELEVATION
ELEC	ELECTRICAL
EM	ENTRY MAT
EMER	EMERGENCY
ENCL	ENCLOSURE, ENCLOSED
ENGR	ENGINEER
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EVTR	ELEVATOR
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXC	EXCAVATE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION, EXPOSED
EXT	EXTERIOR

F:

F	FILM
F/F	FACE TO FACE
FA	FIRE ALARM
FAB	FABRICATE, FABRIC
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FDMPR	FIRE DAMPER
FDN	FOUNDATION
FE	FIRE EXTINGUISHER, FINISH END
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FH	FIRE HYDRANT, FLAT HEAD
FHC	FIRE HOSE CABINET
FIN	FINISH
FLASH	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT
FM	FACTORY MUTUAL
FOC	FACE OF CONCRETE
FOS	FACE OF STUD
FP	FIRE PROOF(ING)
FR	FIRE RETARDANT OR RESISTANT
FRP	FIBER REINFORCED PLASTIC
FRT	FIRE RETARDENT TREATED
FS	FLOOR SINK
FSD	FIRE, SMOKE DAMPER
FT	FEET, FOOT
FTG	FOOTING
FUT	FUTURE
FXTR	FIXTURE

G:

G	GAS, GROUND, GRILL
GA	GAGE
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GALV	GALVANIZED
GEN	GENERATOR
GF	GRANULAR FILL
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS
GLZ	GLAZING
GLU LAM	GLUE LAMINATED WOOD
GP	GROUP
GR	GRADE, GROUT
GSB	GYPSUM SHEATHING BOARD
GWB	GYPSUM WALLBOARD
GYP	GYPSUM

H:

H	HIGH, HEIGHT
HB	HOSE BIBB
HC	HOLLOW CORE
HD	HEAVY DUTY
HDBD	HARDBOARD
HDW	HARDWARE
HDWD	HARDWOOD
HK	HOOK
HM	HOLLOW METAL
HNDRL	HAND RAIL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HT	HEAT
HTG	HEATING
HVAC	HEATING VENTILATING AND AIR CONDITIONING
HW	HOT WATER

I:

ID	INSIDE DIAMETER
IGU	INSULATING GLASS UNIT
IN	INCH
INCL	INCLUDED, INCLUDING
INFO	INFORMATION
INSUL	INSULATION, INSULATE
INT	INTERIOR, INTEGRAL BASE
INV	INVERT
IRWP	IMPACT RESISTANT WALL PANEL

J:

JAN	JANITOR
J-BOX	JUNCTION BOX
JS	JANITOR'S SINK
JT	JOINT

K:

KO	KNOCK OUT
KPL	KICK PLATE

L:

L	LENGTH; LONG, ANGLE
LAM	LAMINATED
LAM GL	LAMINATED GLASS
LAV	LAVATORY
LBS	POUND(S)
LED	LIGHT EMITTING DIODE
LF	LINEAR FEET (FOOT)
LH	LEFT HAND
LIN	LINEAL, LINEAR
LL	LIVE LOAD, LEAD LINED
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDE (INAL)
LS	LIFE SAFETY
LT	LIGHT
LVT	LUXURY VINYL TILE

M:

M	METER, MIRROR
MATL	MATERIAL
MAX	MAXIMUM
MBH	MOP AND BROOM HOLDER
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM, MINUTE
MISC	MISCELLANEOUS
M.O.	MASONRY OPENING
MOD	MODIFIED
MR	MOISTURE RESISTANT
MS	MOP SINK
MTD	MOUNTED
MTL	METAL
MTP	METAL TOILET PARTITION
MWP	METAL WALL PANEL
MULL	MULLION
MECH	MECHANICAL
MEZZ	MEZZANINE

N:

N	NORTH
NA	NOT APPLICABLE
NAT	NATURAL
NCOMBL	NONCOMBUSTIBLE
NEC	NECESSARY
NEG	NEGATIVE
NIWT	NORMAL WEIGHT
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NR	NOISE REDUCTION
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE

O:

OA	OVERALL, OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER, OVERFLOW DRAIN
OF	OVERFLOW
OF/CI	OWNER FURNISHED CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED OWNER INSTALLED
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
OVFL	OVERFLOW

P:

P	PUMP, PLENUM, PAINT
PART	PARTITION
PBD	PARTICLE BOARD
P/C	PRECAST CONCRETE
PC	PORTLAND CEMENT
PCF	POUNDS PER CUBIC FOOT
PERF	PERFORATED
PERP	PERPENDICULAR
PG	PLASTIC GLAZING
PH	PHASE
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER, PLASTIC
PLBG	PLUMBING
PLYWD	PLYWD
PNL	PANEL
PNT	PAINT
POL	POLISH(ED)
PR	PAIR
PRL	PARALLEL
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PROJ	PROJECT, PROJECTOR
PROP	PROPERTY
PROT	PROTECTIVE, PROTECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED, POST TENSIONED
PTD	PAPER TOWEL DISPENSER
PTDR	PAPER TOWEL DISPENSER AND RECEPTACLE
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT

Q:

QTY	QUANTITY

R:

R	RISER, RADIUS, THERMAL RESISTANCE
R&S	ROD AND SHELF
RA	RETURN AIR
RB HK	ROBE HOOK
RCP	REFLECTED CEILING PLAN
RCW	RIBBON CURTAIN WALL
RD	ROOF DRAIN
RD/OVFL	ROOF DRAIN W/ OVERFLOW
REC	RECESS(ED)
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCE
REM	REMOVE, REMOVABLE
REQD	REQUIRED
RESIL	RESILIENT
RET	RETAINING, RETURN
REV	REVISION
RF	RESILIENT FLOORING
RH	RIGHT HAND
RL	RAIN LEADER
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RS	ROLLER SHADE
RT	RIGHT
RWL	RAINWATER LEADER

S:

S	SOUTH
SAM	SELF ADHERING MEMBRANE
SAN	SANITARY
SC	SOLID CORE, SHADING COEFFICIENT
SCD	SEAT COVER DISPENSER
SCHED	SCHEDULE
SD	STORM DRAIN, SOAP DISPENSER, SMOKE DETECTOR
SDT	STATIC DISSIPATIVE TILE
SECT	SECTION
SF	SQUARE FEET
SG	SAFETY GLAZING
SGL	SINGLE
SH	SHOWER
SHGC	SOLAR HEAT GAIN COEFFICIENT
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SIMH	SHELF / MOP HOLDER
SL	SLIDING
SLNT	SEALANT
SLR	SEALER
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SOG	SLAB ON GRADE
SP	STAND PIPE
SPEC	SPECIFICATION
SPKR	SPEAKER, SPRINKLER
SPG	SPANDREL GLASS
SPM	SINGLE PLY MEMBRANE
SQ	SQUARE
SR	SHEET RUBBER
SS	SOLID SURFACING, SERVICE SINK, SANITARY SEWER
SSF	SOLID SURFACE FABRICATION
SST	STAINLESS STEEL
ST	STONE
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL, STRUCTURE
SUSP	SUSPEND(ED)
SV	SHEET VINYL
SYM	SYMMETRICAL
SYS	SYSTEM

T:

T	TREAD
TA	TOILET ACCESSORIES
TB	TOWEL BAR
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TEL	TELEPHONE
TEMP	TEMPORARY, TEMPERATURE
TF/CI	TENANT FURNISHED CONTRACTOR INSTALLED
TF/TI	TENANT FURNISHED TENANT INSTALLED
THD	THRESHOLD
THK	THICK(NESS)
THRU	THROUGH
TMPD	TEMPERED
T.O.	TOP OF
TOC	TOP OF CURB, CONCRETE
TOF	TOP OD FOOTING
TOP	TOP OF PARAPET
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPO	THERMOPLASTIC POLYOLEFIN
TPTN	TOILET PARTITION
TS	TRANSITION STRIPS
TV	TELEVISION
TYP	TYPICAL

U:

UC	UNDERCUT
U/C	UNDERCOUNTER
UGND	UNDERGROUND
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY

V:

VAR	VARIES
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VENETIAN PLASTER
VR	VAPOR RETARDER

W:

W	WATT, WEST, WIDTH, WIDE
W/	WITH
WAB	WATER AND AIR BARRIER
WB	WHITEBOARD
W/O	WITHOUT
WC	WATER CLOSET, WALL COVERING
WD	WOOD
WDSP	WASTE DISPOSAL
WDW	WINDOW
WF	WIDE FLANGE
WG	WALL GUARD
WH	WATER HEATER
WP	WATERPROOF(ING), WORKING POINT, WALL PANEL
WR	WATER RESISTANT
WRB	WEATHER RESISTANT BARRIER
WS	WATERSTOP, WINDOW SHADE
WT	WEIGHT
WWF	WELDED WIRE FABRIC

X:

XFMR	TRANSFORMER

Y:

YD	YARD, YARD DRAIN
YH	YARD HYDRANT

Z:

ZN	ZONE

MEDICAL ABBREVIATIONS

A:

ADMIT	ADMITTING
AII	AIRBOURNE INFECTION ISOLATION
AMBU	AMBULANCE
ANAL	ANALYZER
ANESTH	ANESTHESIA, ANESTHETIC, ANESTHESIOLOGIST
ANGIO	ANGIOGRAPHY
ANNUN	ANNUNCIATOR
ASC	AMBULATORY SURGERY CENTER

B:

B.D.	BLOOD DRAW
BCS	BABY CHANGING STATION
BP	BLOOD PRESSURE
BPC	BLOOD PRESSURE CUFF
BW	BLANKET WARMER

C:

CARD	CARIAC, CARDIOLOGY
CATH	CATHETERIZATION
CC	CUBICLE CURTAIN
CCT	CUBICLE CURTAIN TRACK
CCTV	CLOSED CIRCUIT TELEVISION
CCU	CRITICAL CARE UNIT
CG	CORNER GUARD
CH	COAT HOOK
CHEM	CHEMICAL, CHEMISTRY
CHEMO	CHEMOTHERAPY
CONT	CONTAINER, CONTROL
CT	CT SCAN, CT SCANNER
CYL	CYLINDER
CYSTO	CYSTOLOGY

D:

D.I.	DIAGNOSTIC IMAGING, DE-IONIZED
DIAG	DIAGNOSTIC
DICT	DICTATION
DISP	DISPOSABLE
DOC	DOC, DOCUMENTATION

E:

ED	EMERGENCY DEPARTMENT
ENDO	ENDOSCOPY
ENT	EARS/NOSE/THROAT, ENTRANCE
ETC	ELAPSED TIME CLOCK
EVAC	EVACUATE, EVACUATION
EVS	ENVIRONMENTAL SERVICES
EX	EXAM
EXH	EXHAUST

F:

FAB	FABRIC
FI	FILM ILLUMINATOR
FLUORO	FLUOROSCOPY
FZR	FREEZER

G:

GARB	GARBAGE
GBH	GLOVE BOX HOLDER
GERI	GERIATRIC(S)
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GI	GASTROINTEROLOGY
GYN	GYNECOLOGIST, GYNECOLOGICAL, GYNECOLOGY

H:

HAZ	HAZARDOUS
HEPA	HIGH EFFICIENCY PARTICULATE AIR
HISTO	HISTOLOGY
HSKP	HOUSEKEEPING
HOLD	HOLDING
HOSP	HOSPITAL
HSD	HAND SANITIZER DISPENSER

I:

ICRA	INFECTION CONTROL RISK ASSESSMENT
ICU	INTENSIVE CARE UNIT
ILLUM	ILLUMINATOR
INF	INFECTIOUS, INFECTION
INJ	INJECTOR
IR	INTERVENTIONAL RADIOLOGY
IV	INTERVENOUS

J:

(NOT USED)

K:

(NOT USED)

L:

LAB	LABORATORY
LBL	LABEL
LDR	LABOR, DELIVERY, RECOVERY
LDRP	LABOR, DELIVERY, RECOVERY, POST-PARTUM
LIN	LINEAR, LINEN
LPN	LICENSED PRACTICAL NURSE

M:

MA	MEDICAL ASSISTANT
MAMMO	MAMMOGRAPHY
MD	MEDICAL DOCTOR
MED	MEDICAL, MEDICATION
MFD	MULTI-FUNCTIONAL DEVICE
MIC	MICROSCOPE
MRI	MAGNETIC RESONANCE IMAGING

N:

NARC	NARCOTICS
NEURO	NEUROLOGIST, NEUROLOGY
NICU	NEO-NATAL INTENSIVE CARE UNIT
NS	NURSE STATION
NUC	NUCLEAR
NURS	NURSE, NURSERY

O:

OB	OBSTETRICS
OBS	OBSERVATION
ONC	ONCOLOGIST, ONCOLOGY
OPTH	OPTHALMOLOGIST, OPTHALMOSCOPE
OR	OPERATING ROOM
ORTHO	ORTHOPEDICS
OTO	OTOSCOPE

P:

PA	PHYSICIAN ASSISTANT
PACU	POST-ANESTHESIA CARE UNIT
PAT	PATIENT
PATH	PATHOLOGIST, PATHOLOGY
PED	PEDIATRIC(S), PEDESTAL
PCF	PRINTER/ COPIER/ FAX MACHINE
PE	PROTECTIVE ENVIRONMENT
PHARM	PHARMACEUTICAL, PHARMACIST, PHARMACY
PHYS	PHYSICIAN
PICU	PEDIATRIC INTENSIVE CARE UNIT
PRIV	PRIVACY, PRIVATE
PROC	PROCEDURE
PSYCH	PSYCHIATRIC, PSYCHIATRIST, PSYCHIATRY
PT	PHYSICAL THERAPY
PTUBE	PNEUMATIC TUBE STATION
PULM	PULMONARY, PULMONOLGIST

Q:

(NOT USED)

R:

RAD	RADIOGRAPHY, RADIOLOGY, RADIATION
REC	RECORDS, RECYCLING CONTAINER
RECEP(T)	RECEPTION
RECL	RECLINER
REFR	REFRIGERATOR
REHAB	REHABILITATION
RESP	RESPIRATORY
RF	RADIO-FREQUENCY
RH	ROBE HOOK
RN	REGISTERED NURSE
RT	RESPIRATORY THERAPY

S:

SC	SHARPS CONTAINER
SIM	SIMULATE, SIMULATION, SIMULATOR
SOIL	SOILED
STER	STERILIZER
STN	STATION
STOR	STORAGE
STRETCH	STRETCHER
SURG	SURGERY, SURGICAL
SW	SOILED WORK
SYS	SYSTEM

T:

THER	THERAPY
TRANS	TRANSACTION, TRANSCRIPTION
TREAD	TREADMILL
TREAT	TREATMENT

U:

UC	UNDER COUNTER/ CABINET
URIN	URINAL, URINALYSIS
UROL	UROLOGIST, UROLOGY
US	ULTRASOUND
USC	ULTRASONIC CLEANER
UV	ULTRAVOILET

V:

VAC	VACUUM
VBSB	VACUUM BOTTLE SLIDE BRACKET

W:

WC	WHEELCHAIR
WK	WORK
WSH/DISINF	WASHER/ DISINFECTOR

X:

(NOT USED)

Y:

(NOT USED)

Z:

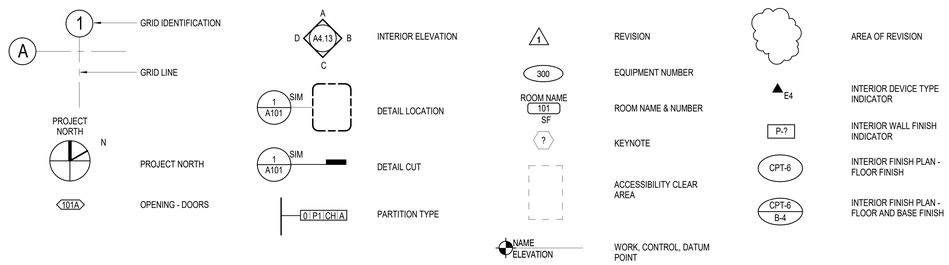
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NURSE CALL SYSTEM:

CB	CODE BLUE
DS	DUTY STATION
MES	MEDICAL EMERGENCY SWITCH
MESA	MEDICAL EMERGENCY SWITCH W/ 2-WAY AUDIO
NCAP	NURSE CALL ANNUNCIATOR PANEL
PNC	PATIENT NURSE CALL BUTTON
PNCA	PATIENT NURSE CALL BUTTON W/ 2-WAY AUDIO
PNCC	PATIENT NURSE CALL W/ PULL-CORD

SYMBOLS

NOTE: OTHER SYMBOLS SPECIFIC TO A SHEET ARE DESCRIBED ON THAT SHEET.



NURSE CALL LEGEND

PLAN	ELEVATION	DESCRIPTION
	NCAP	ANNUNCIATOR PANEL
	B	CODE BLUE
		DOME INDICATOR LIGHT (CEILING MOUNTED)
		DOME INDICATOR LIGHT (WALL MOUNTED)
	D	DUTY/ STAFF STATION
	M	MEDICAL EMERGENCY SWITCH
	MA	MEDICAL EMERGENCY SWITCH W/ 2-WAY AUDIO
	PN	PATIENT NURSE CALL BUTTON
	PNA	PATIENT NURSE CALL BUTTON W/ 2-WAY AUDIO
	PC	PATIENT NURSE CALL W/ PULL-CORD

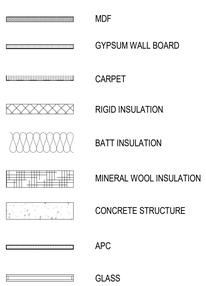
GENERAL NOTES

1. THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK BY THE CONTRACTOR. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL: THEY INCLUDE, BUT ARE NOT LIMITED TO, THE PROJECT MANUAL, SPECIFICATIONS AND DRAWINGS.
2. DO NOT SCALE DRAWINGS.
3. CONTRACTOR TO ENSURE THAT ALL TRADE CONTRACTORS UTILIZE THE LATEST CONTRACT DOCUMENTS ISSUED.
4. BEFORE STARTING EACH PORTION OF THE WORK, CAREFULLY STUDY THE CONTRACT DOCUMENTS, FIELD MEASURE EXISTING CONDITIONS AND OBSERVE CONDITIONS AT THE SITE AFFECTING THE WORK. WHERE SHOP DRAWINGS ARE REQUIRED, ILLUSTRATE THE PROPOSED INTERACTION OF ALL INTERRELATED PRODUCTS BY OTHER TRADES AND INCORPORATE FIELD MEASUREMENTS AS WELL AS OBSERVATIONS. REPORT DISCREPANCIES AND PROVIDE RFI WITH PROPOSED SOLUTION PRIOR TO COMMENCING WORK.
5. WHEN CONSTRUCTION DETAILS ARE NOT SHOWN FOR PORTIONS OF THE WORK AND SIMILAR DETAILS ARE PROVIED, COMPLETE THE WORK BASED ON SIMILAR DETAILS PROVIDED. IF QUESTIONS CANNOT BE RESOLVED IN THIS MANNER, PROVIDE PROPOSED SOLUTION PRIOR TO PROCEEDING.
6. DIMENSIONS TO NEW WORK ARE TO FACE OF GYPSUM BOARD OR GRID LINE UNO.
7. DIMENSIONS TO EXISTING WORK ARE TO FACE OF EXISTING FINISHED SURFACE OR GRID LINE UNO.
8. HEIGHTS ARE DIMENSIONED FROM TOP OF SLAB, UNO.
9. HORIZONTAL CLEAR DIMENSIONS ARE MEASURED FROM FACE OF FINISHED WALL, UNO.
10. GRID LINES DESIGNATE THE CENTERLINE OF COLUMNS, UNO.
11. DIAGRAMMATIC LOCATIONS
    UTILITY AND DEVICE LOCATIONS SHOWN ON DRAWINGS ARE DIAGRAMMATIC. COORDINATE SIZE AND PLACEMENT WITH ACTUAL STUD OR CEILING CAVITY FOR REQUIREMENTS AND LIMITATIONS.
    B. WHERE UTILITIES AND DEVICES ARE NOT ABLE TO BE CONCEALED WITHING STUD OR CEILING CAVITY, PROVIDE PROPOSED SOLUTION PRIOR TO COMMENCING WORK.
    C. COORDINATE SPACE REQUIREMENTS, SUPPORTS AND INSTALLATION OF UTILITIES THAT ARE INDICATED DIAGRAMMATICALLY ON DRAWINGS.
12. DRAWING TERMS:
    A. REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.
    B. SALVAGE: DEATCH ITEMS FROM EXISTING CONSTRUCTION AND DELIVER THEM TO OWNER READY TO REUSE.
    C. PROTECT: CONSTRUCTION PR OR ITEMS INDICATED TO REMAIN AND BE PROTECTED FROM DAMAGE FOR DURATION OF PROJECT. CONTRACTOR MAY ELECT TO SALVAGE ITEMS TO A SUITABLE, PROTECTED STORAGE LOCATION DURING DEMOLITION AND THEN PROPERLY CLEAN AND REINSTALL THE ITEM IN THE ORIGINAL LOCATION.
    D. REINSTALL OR RELOCATE: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE THEM FOR REUSE, AND REINSTALL THEM WHERE INDICATED.
    E. RESTORE IN PLACE: TO REWORK, REPAIR OR RESTORE BY REPLACING MISSING ELEMENTS AND THEN TO REFINISH TO ORIGINAL APPEARANCE AND OPERATION.
    F. ALIGN: TO ACCURATELY LOCATE FINISHED FACES IN THE SAME PLANE
13. WHERE COMPLEX ASSEMBLIES ARE SHOWN ON THE DRAWINGS, SUBMIT A SHOP DRAWING SHOWING THE PROPOSED INTERACTION OF ALL RELATED ELEMENTS FOR ARCHITECT'S REVIEW.
14. WHEN OWNER IS NOTED IN THESE DOCUMENTS, IT REFERS TO VALLEY MEDICAL CENTER AS A TENANT AND NOT THE BUILDING OWNER OR DEVELOPER.
15. CONTRACTOR TO PATCH AND PAINT ALL EXISTING GYPSUM WALL BOARD IN AREAS OF WORK TO PROVIDE A LIKE NEW FINISH. REPAIR EXISTING DAMAGED GYPSUM WALL BOARD AS WELL AS GYPSUM WALL BOARD DAMAGED BY WORK OF OTHER TRADES.
16. THE BUILDING WILL BE OCCUPIED AND OPERATIONAL DURING CONSTRUCTION. COORDINATE SCHEDULE OF ALL WORK WITH THE OWNER.
17. SEE THESE DRAWINGS FOR
    OWNER FURNISHED/OWNER INSTALLED (OF/OI).
    OWNER FURNISHED/CONTRACTOR INSTALLED (OF/CI), VENDOR FURNISHED/VENDOR INSTALLED (VF/VI), AND VENDOR FURNISHED/CONTRACTOR INSTALLED (VF/CI) ITEMS.
    NOTIFY ARCHITECT OF ANY CONFLICTS.
18. EXISTING BUILDING INFORMATION INCLUDED ON THE DRAWINGS IS BASED ON OWNER-FURNISHED RECORD DRAWINGS & LIMITED FIELD OBSERVATIONS. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE INFORMATION OBTAINED FROM THE RECORD DRAWINGS & THERE IS NO EXPRESS OR IMPLIED GUARANTEE THAT THE CONDITIONS INDICATED ON THE DRAWINGS ARE REPRESENTATIVE OF THOSE EXISTING. CONDITIONS DIFFERING SUBSTANTIALLY FROM THOSE INDICATED MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. IF THE CONDITIONS DIFFER SUBSTANTIALLY FROM THOSE INDICATED, THE CONTRACTOR SHALL, BEFORE THE CONDITIONS ARE DISTURBED, PROMPTLY NOTIFY THE OWNER FOR DIRECTION, PRIOR TO PROCEEDING WITH THE WORK.

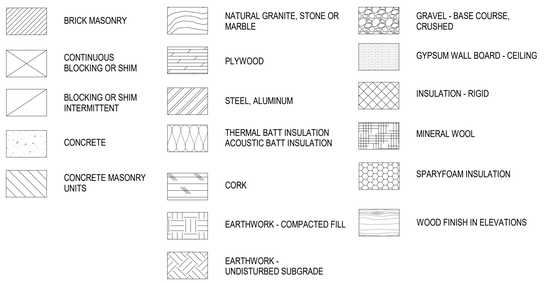
INFECTION CONTROL GENERAL NOTES

1. CONTRACTOR SHALL FOLLOW OWNER'S INFECTION CONTROL GUIDLINES.
2. GUIDELINES, CONCEPTUAL PHASING PLANS AND CONTRUCTION BARRIERS SHOWN ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE ALL ASPECTS OF CONSTRUCTION PROCESS, SCHEDULE, AND SEQUENCING WITH OWNER.
3. CONTRACTOR TO PROVIDE TEMPORARY TACKY WALK-OFF MATS AT ENTRANCES AND EXITS TO ALL CONSTRUCTION ENTRY POINTS.
4. TEMPORARY CONSTRUCTION BARRIER SHALL COMPLETELY ISOLATE CONSTRUCTION AREA FROM ALL OTHER OCCUPIED AREAS OF THE BUILDING. REFER TO 01 3533 INFECTION CONTROL PROCEDURES FOR SUPPLEMENTAL INSTRUCTIONS ON SEPARATING CONSTRUCTION AREAS FROM OCCUPIED AREAS.
5. COORDINATE INSTALLATION OF TEMPORARY BARRIERS TO MAINTAIN HVAC AND LIFE SAFETY SYSTEMS.
6. MEANS OF EGRESS MUST BE MAINTAINED AT ALL TIMES.
7. PROVIDE PAINTED SELF CLOSING WOOD DOORS AND METAL FRAMES WITH SMOKE GASKETS AT ALL CONSTRUCTION ENTRY POINTS.

DETAILS LEGEND (IN SECTION)



GENERAL MATERIAL LEGEND (IN SECTION)



6/3/2026 2:40:54 PM

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Seattle, Washington 98104
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Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE Valley
VALLEY MEDICAL CENTER

Consultant:

Mark	Date	Description
	5/08/2026	PRICING DOCUMENTS
	5/15/2026	90% CD REVIEW
	6/04/2026	BID & PERMIT

Project No: VALL01.25.057

Issue Date: 6/04/2026

Seal:

Sheet:

ABBREVIATIONS, GRAPHIC STANDARDS AND NOTES

G1.1

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LIFE SAFETY GENERAL NOTES

1. WHERE EXIT SIGNS ARE PROVIDED AT AN EXIT DISCHARGE, A SIGN STATING "EXIT" IN VISUAL CHARACTERS, RAISED CHARATERS AND BRAILLE AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED AS REQUIRED BY IBC SECTION 1013.4.
2. CONTRACTOR SHALL FOLLOW OWNER'S INFECTION CONTROL GUIDELINES. COORDINATE ALL ASPECTS OF THE CONSTRUCTION PROCESS WITH THE OWNER.
3. TEMPORARY BARRIERS SHALL BE INSTALLED AS REQUIRED TO MAINTAIN CODE REQUIRED BUILDING LIFE SAFETY AND OWNER'S INFECTION CONTROL REQUIREMENTS. REFER TO 01 3533 OWNER'S INFECTION CONTROL PROCEDURES. CONTRACTOR RESPONSIBLE FOR DETERMING EXTENTS OF BARRIERS WITH VALLEY MEDICAL CENTER. SEE CONCEPTUAL PHASING DIAGRAMS.
4. CONTRACTOR'S ACCESS POINT TO THE BUILDING FOR CONSTRUCTION MATERIAL DELIVERY AND CONSTRUCTION CREWS TO BE CONFIRMED AND SCHEDULED WITH VALLY MEDICAL CENTER.
5. MEANS OF EGRESS MUST BE MAINTAINED AT ALL TIMES. SEE IBC CHAPTER 33 "SAFEGUARDS DURING CONSTRUCTION" FOR REQUIREMENTS.

LEGEND & SYMBOLS

EXISTING NON RATED PARTITION

NEW NON RATED PARTITION

COMMON PATH OF EGRESS TRAVEL

DIAGONAL DISTANCE

DENOTES EXIT OR EXIT ACCESS

DENOTES REMOTE POINT OF EGRESS TRAVEL

ACCESSIBLE ENTRANCE PER 1105.1

NEW / EXISTING

EXIT SIGN-DIRECTIONAL ARROWS AS INDICATED, SHADED SIDES ILLUMINATED. MOUNTED TO CEILING, WALLS, OR UNDERSIDE OF STRUCTURE

FEC / FEC — FIRE EXTINGUISHER CABINET

FE / FE — FIRE EXTINGUISHER

UNCONCENTRATED SEATING AREA
15 SF/OCC NET OCCUPANT LOAD FACTOR

— OCCUPANT LOAD DETERMINED BY IBC TABLE 1004.5

AREA SUMMARY

1. EXITS PER STORY REQUIRED (TABLE 1006.2.1): 2 REQUIRED, 2 PROVIDED
2. EGRESS WIDTH (SECTION 1055.3.2) 36 OCCUPANTS X .2" = 8" CLEAR REQUIRED AT EACH EXIT, >33.5" PROVIDED
3. WALL MOUNTED ALCOHOL HAND SANITIZERS ARE NOT TO BE LOCATED IN CORRIDORS THAT ARE LESS THAN 6'-0" CLEAR IN WIDTH PER IFC SECTION 5705.5.1(4)

OCCUPANT LOAD SCHEDULE - LEVEL 1

OCCUPANT CLASSIFICATION	FUNCTION OF SPACE	GROSS AREA SUMMARY	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
B	ASSEMBLY W/O FIXED SEATS*	705 NSF	15 NSF/OCC	47 OCC
B	BUSINESS	8,728 GSF	150 GSF/OCC	59 OCC
TOTAL OCCUPANT LOAD				106

*WAITING AREA AND BREAK ROOM

BUILDING CODE INFORMATION

1. General

1. Code Editions (includes adopted amendments):
   A. 2021 Washington State Building Code
   B. 2021 Washington Fire Code
   C. 2021 Washington Mechanical Code
   D. 2021 Washington State Plumbing Code
   E. 2021 Washington State Energy Code Commercial Provisions
   F. 2023 National Electric Code (NFPA 70)
   G. ICC A117.1 – 2017-Standard for Accessible and Usable Buildings and Facilities
   Construction: **X** Alteration

3. Use and Occupancy Classification(s) (SBC Section 302-312)

A. Primary occupancy : B per section 304
B. Hazardous material identified(section 307)
   a. As listed by owner
C. Construction New Addition **X** Alteration Restoration
D. Unless noted otherwise, all code references in summary refer to Building Code.

5. General Building Heights and Areas (Sections 501 thru 509)

1. Building Address **(Section 501.2)**
   521 2nd PL N., Suite 11-103A
   Kent, WA 98032
2. Building Height **(Section 504)**
   A. Building Height & Number of stories per **Table 503**
      a. Existing Construction Type IIB
      b. Primary occupancy group B
3. Mixed Use and Occupancy **(Section 508)**
   N/A
4. Incidental Uses **(Section 509)**

Table 509 - Incidental Uses

Room or Area	Separation and/or Protection
WASTE ROOMS(SOILED)	AUTOMATIC SPRINKLER SYSTEM

6. Type of Construction (Chapter 6)

Table 601 - Fire-resistance Rating Requirements for Building Elements

Building Element	Construction Type: IIB Required
Primary Structural Framing (per Section 202)	0 Existing
Bearing Walls: Exterior / Interior	- / 0 / -
Nonbearing Walls and Partitions (Exterior)	0 Existing
Nonbearing Walls and Partitions (Interior)	0
Floor Construction and Secondary Members (per Section 202)	0 Existing
Roof Construction and Secondary Members (per Section 202)	0 Existing

7. Fire and Smoke Protection Features (Chapter 7)

1. Thermal and Sound Insulating Materials **(Section 720)** **X** Applicable
   Concealed Installation (Section 720.2)
   Insulating materials where concealed as installed in buildings of any type of construction, shall have a flame spread index of not more than 25 and a smoke-developed index of not more than 450.

8. Interior Finishes (Chapter 8)

1. Wall and Ceiling Finishes **(Section 803)**

Table 803.13 Interior Wall and Ceiling Finish Requirements by Occupancy

Occupancy Group	Sprinklered: Interior exit stairways, interior exit ramps and exit passageways	Sprinklered: Corridors and enclosures for exit access stairways and exit ramps	Sprinklered: Rooms & Enclosed Spaces
B	NA	NA	C

2. Interior Floor Finish **(Section 804)**
   A. General **(Section 804.1)**
      Interior floor finish and floor coverings materials shall comply with **Sections 804.2** through **804.4.2**.
      a. Exception: Floor finishes and coverings of a traditional type, such as wood, vinyl, linoleum or terrazzo, and resilient floor covering material that are not comprised of fibers.
   B. Interior Floor Finish Requirements **(Section 804.4)**
      Interior floor finish and floor covering materials in exit enclosures, exit passages, corridors and rooms or spaces not separated from corridors by full-height partitions extending from the floor to the underside of the ceiling shall withstand a minimum critical radiant flux as specified in **Section 804.4.2.**
      a. Minimum Critical Flux **(Section 804.4.2)**
      • Sprinklered Building: **X** Yes
      • Exception Used: **X** No

Occupancy	Required Radiant Flux Class	Provided Radiant Flux Class
B	CLASS II	CLASS II

3. Acoustical Ceiling Systems **(Section 808)**
   A. Suspended acoustical ceilings **(Section 808.1.1.1)**:
   B. Suspended acoustical ceiling systems shall be installed in accordance with the provisions of ASTM C 635 and ASTM C 636.
   C. See Sheet **A9.2** for seismic ceiling detail

9. Fire Protection & Life Safety Systems (Chapter 9)

1. Automatic Sprinkler Systems **(Section 903)**
   A. Sprinklered Building: **X** Yes
      a. Sprinklers shall be installed throughout in accordance with NFPA 13 **(Section 903.3.1.1)**
      b. Provide quick response & residential sprinklers per **Section 903.3.2**
      Condition 5: **X** Yes
2. Portable Fire Extinguishers **(Section 906)**
   A. Where required **(Section 906.1)**
      In new and existing Group B
   B. General Requirements **(Section 906.2)**
      Portable fire extinguishers shall be selected, installed, and maintained in accordance with this section and NFPA 10.
   C. Size and Distribution **(Section 906.3)**

	LIGHT (low) Hazard Occupancy
Minimum Rated Single Extinguisher	2-A
Maximum Floor Area per Unit of A	3,000 SF
Maximum Floor Area for Extinguisher	11,250 SF
Max. Travel Distance to Extinguisher	75 feet

1. Fire Alarm and Detection Systems **(Section 907)**
   A. Expand existing fire alarm system in accordance with the provisions of this code and NFPA 72 shall be provided.
   X Yes
2. Emergency Alarm Systems **(Section 908)**
   A. **X** NO
3. Smoke Control Systems **(Section 909)**
   A. **X** No
4. Smoke and Heat Removal **(Section 910)**
   A. **X** No

10. Means of Egress (Chapter 10)

For exiting compliance with Means of Egress requirements: **See life-safety plans.**

1. General Means of Egress **(Section 1003)**
2. Ceiling Height **(Section 1003.2)**: Means of egress shall have ceiling height of not less than 7'-6"
3. Occupant Load for Exiting Purposes **(Table 1004.5): See life-safety plans.**
4. Means of Egress Sizing **(Section 1005): See life-safety plans.**
5. Number of Exits and Exit Access Doorways **(Section 1006)**:
   A. Egress based on occupant load and common path of egress travel distance **(Section 1006.2.1)**

Table 1006.2.1

Occupancy	Maximum Occupant Load of Space	Max. Common Path of Travel Distance With Sprinkler System (feet)
B	49	100

   B. Electrical rooms **(Section 1006.2.2.4)**
      1. The location and number of exit or exit access doorways shall be provided for electrical rooms in accordance with Section 110.26 of NFPA 70 for electrical equipment rated 1,000 volts or less, and Section 110.33 of NFPA 70 for electrical equipment rated over 1,000 volts.

      Additional exit or exit access doorways are not required for this project.

6. Exit and Exit Access Doorway Configuration **(Section 1007): See life-safety plans**
   A. Two Exits or Exit Access Doorways **(Section 1007.1.1)**
      a. Where two exits, exit access doorways, exit access stairways or ramps, or any combination thereof, are required from any portion of the exit access, they shall be placed a distance apart equal to not less than 1/2 the length of the maximum overall diagonal dimension of the building or area to be served measured in a straight line between them.
      • Exceptions:
      1. Where a building is equipped throughout with an automatic sprinkler system in accordance with **Section 903.3.1.1** the separation distance shall be not less than one-third of the length of the maximum overall diagonal dimension of the area served

      See diagonal distance and minimum exit door separation calculation on life safety plan.

7. Means of Egress Illumination **(Section 1008)**
   A. The means of egress illumination level shall not be less than 1 footcandle at the walking surface.
      a. Emergency Power for Illumination (Section 1008.3): If power supply failure in rooms and spaces that require two or more exits or access to exits, an emergency electrical system shall automatically illuminate the corridors.

8. Doors, Gates and Turnstiles **(Section 1010)**
   A. Panic & Fire Exit Hardware **(Section 1010.1.10)**
      a. Required at A occupancies over 50 occupants: Not Applicable

9. Exit Signs **(Section 1013)**
   A. Where required **(Section 1013.1)**
      a. See **life-safety plans** & **A3 series** for exit sign locations.
   B. Illumination **(Section 1013.3)**
      a. Exit signs shall be illuminated: External **X** Internal
      • Exception: Tactile exit sign required by **Section 1013.4**
   C. Internally Illuminated Exit Signs **(Section 1013.5)**
      X Electrically powered
10. Exit Access Travel Distance **(Section 1017)**

Table 1017.2 Exit Access Travel Distance

Occupancy	w/ sprinklers
B Occupancy	300 Ft

11. Corridors **(Section 1020)**
    A. Construction **(Section 1020.1)**: Corridors shall be fire-resistance rated in accordance with **Table 1020.**

Table 1020.2 Corridor Fire-Resistance Rating

Occupancy	Occupant Load Served by Corridor	Required Fire-Resistance Rating (hours) w/ sprinklers
B Occupancy	>30	0

    Width **(Section 1020.3)**: The minimum width of corridors specified in Table 1020.2 shall be as determined in **Section 1005.1.**

Table 1020.3 Minimum Corridor Width

Occupancy	MINIMUM WIDTH
Typical Corridor	44 inches
Access to and utilization of mechanical, plumbing or electrical systems or equipment	24 inches

    B. Dead ends **(Section 1020.5)**: 20 FT Maximum
       a. Exceptions:
       • Occupancy B: 50 feet with sprinklers.
12. Exits **(Section 1022)**:
    A. See **life-safety plans** for exit locations.

11. Accessibility (Chapter 11)

Design **(Section 1102.1)**
Buildings and facilities shall be designed and constructed to be accessible in accordance with **2021 Washington Building Code and ICC A117.1-2017.**

13. Energy Efficiency (Chapter 13)

1. Criteria **(Section 1301.1.1)**:
   a. Buildings shall be designed and constructed in accordance with the **Washington Energy Code-Commercial Edition** as amended by Washington State. Unless noted otherwise, all code references in this section are Washington Energy Code references.
   A. Existing Buildings application **(Section C401.2.1)**
      a. Work on existing buildings shall comply with Chapter 5 in addition to the applicable provisions of Chapter 4
   B. Alterations (Section C503): Alterations to any building or structure shall comply with the requirements of Section C503 and the code for new construction.
   C. There are no alterations to the existing building thermal envelope is in this project.
   D. New Building Mechanical Systems (Section C503.4.1): All new mechanical systems and equipment in existing buildings shall comply with Sections C403, C408.2, C409.5, and C501.6. See mechanical plans.
   E. Electrical Power and Lighting Systems and Motors (Section C503.7.1) Alterations or the addition of lighting, receptacles and motors shall comply with Sections C503.7.1 through C503.7.7. Additions or alterations shall not be made to an existing lighting or electrical system that will cause the existing system to become out of compliance. See electrical plans.

16. Structural Design (Chapters 16-22)

1. Risk Category **II** Per Table 1604.5.
   a. Seismic Design Category D

17. Special Inspections Required (Chapter 17)

(Section 1705.13.6) plumbing, mechanical and electrical components

27. Electrical (Chapter 27)

See Electrical drawings for requirements.

28. Mechanical Systems (Chapter 28)

See Mechanical drawings for requirements.

29. Plumbing Systems (Chapter 29)

1. Minimum number of fixtures **(Section 2902.1)**
   Plumbing fixtures shall be provided in the minimum number shown in **Table 2902.1**. Uses not shown in **Table 2902.1** shall be determined individually by the building official based on the occupancy which most nearly resembles the proposed occupancy. The number of occupants shall be determined by this code. Plumbing fixtures need not be provided for unoccupied buildings or facilities
2. Fixture calculations **(Section 2902.1.1)**
   A. To determine the occupant load of each sex, the total occupant load shall be divided in half. To determine the required number of fixtures, the fixture ratio or ratios for each fixture type shall be applied to the occupant load of each sex in accordance with **Table 2902.1**. Fractional numbers resulting from applying the fixture ratios of **Table 2902.1** shall be rounded up to the next whole number. For calculations involving multiple occupancies, such fractional numbers for each occupancy shall first be summed and then rounded up to the next whole number.
   B. Where urinals in men's facilities are provided, one water closet less than the number specified may be provided for each urinal installed, except the number of water closets in such cases shall not be reduced to less than one quarter (25%) of the minimum specified. For men's facilities serving 26 or more persons, not less than one urinal shall be provided.
3. Minimum Plumbing Fixtures **(Table 2902.1)**

	FLR	OCC. GROUP	AREA (SF)	OCC. LOAD	No. of MALES	No. of FEMALES	WATER CLOSETS MALES	WATER CLOSETS FEMALES	LAVATORIES MALES	LAVATORIES FEMALES
WAITING AREA	1	B	705	47	24	24	0.96	0.96	0.60	0.60
CLINIC	1	B	8,728	59	30	30	1.2	0.75	0.75	0.75
						REQUIRED:	2.16	2.16	1.35	1.35
						TOTAL REQUIRED:	4.32		2.7	
						TOTAL PROVIDED:	5		5	

5. Separate Facilities **(Section 2902.2.2)**:
   a. Where plumbing fixtures are required, separate facilities shall be provided for each sex
   Exception 5: Separate facilities shall not be required to be designed by sex where single-user toilet rooms are provided in accordance with Section 2902.1.2.
6. Employee and public toilet facilities **(Section 2902.3)**
   a. Customers, patrons and visitors shall be provided with public toilet facilities in structures and tenant spaces intended for public utilization. The number of plumbing fixtures located within the required toilet facilities shall be provided in accordance with **(Section 2902.1)** for all users. Employees shall be provided with toilet facilities in all occupancies. Employee toilet facilities shall either be separate or combined employee and public toilet facilities.
7. Drinking Fountain Location **(Section 2902.5)**: One required.
   a. Exception: (Section 104.11) Alternative Materials and Design: The Clinic's policy is to provide drinking water to visitors if requested and staff shall self serve water at the break room. City of Kent to confirm this is acceptable.
8. Service Sink (Section 2902.7): One required. Existing service sink is located in Housekeeping 234.

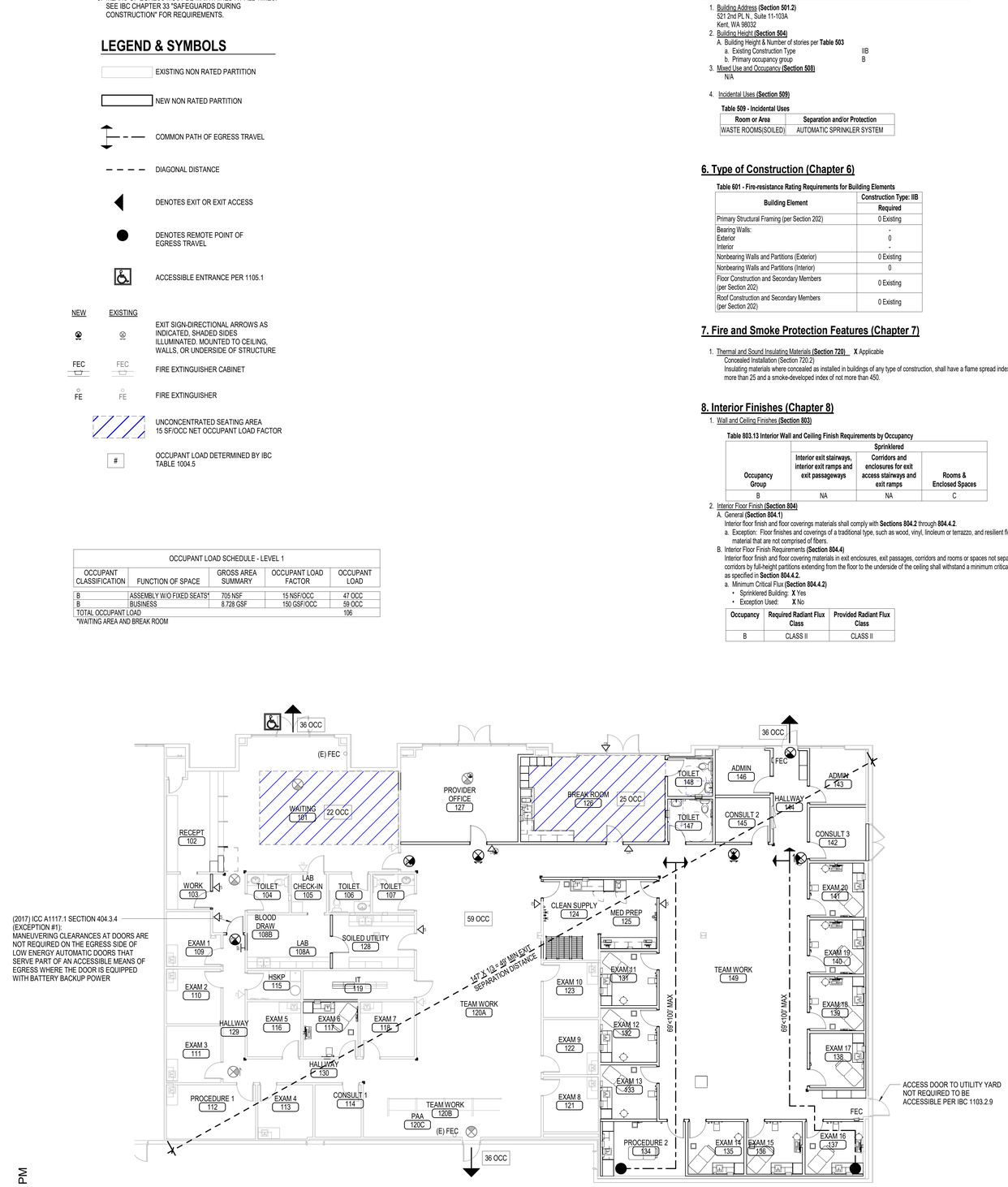
Deferred Submittals

Those portions of the design that are not submitted at the time of the application and that are to be submitted to the building official within a specified period.

A. Alarm: Complete plans and specifications for the fire alarm system installation or modification shall be submitted for review and approval prior to system installation. plans and specifications shall include, but not be limited to, a floor plan; location of all alarm-initiating and alarm-signaling devices; alarm-control and trouble-signaling equipment; annunciation; power connection; battery calculations; conductor type and sizes; voltage drop calculations; name, address, and phone number of the agency receiving off-premises transmission of alarm; and the manufacturer, model numbers, and listing information for all equipment, devices, and materials. incomplete plans and specifications will be returned without review.
B. Fire-Sprinkler: Complete sprinkler system working plans shall be submitted for review and approval before any equipment is installed or remodeled. deviation from approved plans will require permission. plans and specifications, including hydraulic calculations, that are incomplete or are not stamped by a Washington state licensed fire sprinkler contractor, will be returned without review.
C. Acoustical ceiling suspension system
D. Anchorage of nonstructural components (seismic bracing)

Designated seismic submittals
A. Fire protection sprinkler systems
B. Seismic design for nonstructural components

Designated seismic system
A. ASCE 7-16, 13.1.3 requires components that are required to function for life-safety purposes after an earthquake, including (but not exclusively) fire protection sprinkler systems, and egress stairways, to be designed (anchored or braced) considering an importance factor, IP, of 1.0 by definition, this means that it is part of the "designated seismic system."
B. Active mechanical and electrical equipment that is required to remain operable following the design earthquake ground motion (i.e. that are part of the designated seismic system) are required to be certified by the manufacturer as operable whereby active parts of energized components are certified exclusively on the basis of approved shake table testing in accordance with ASCE 7-16, 13.2.5 or experience data in accordance with ASCE 7-16, 13.2.6 unless it can be shown that the component is inherently rugged by comparison with similar seismically qualified components. evidence demonstrating compliance with these requirements is required to be submitted to the building official for review & approval after review and acceptance by a registered design professional.
C. Items part of the designated seismic system required to remain operative after a seismic event:
   a. Fire protection system
   b. Sprinkler system



1 LEVEL 1 LIFE SAFETY PLAN
1/8" = 1'-0"

6/3/2026 2:40:56 PM

COLLINS WOERMAN
720 Second Avenue, Suite 1500
Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION
521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE Valley
VALLEY MEDICAL CENTER

Consultant:

Mark	Date	Description
	5/15/2026	90% CD REVIEW
	6/04/2026	BID & PERMIT

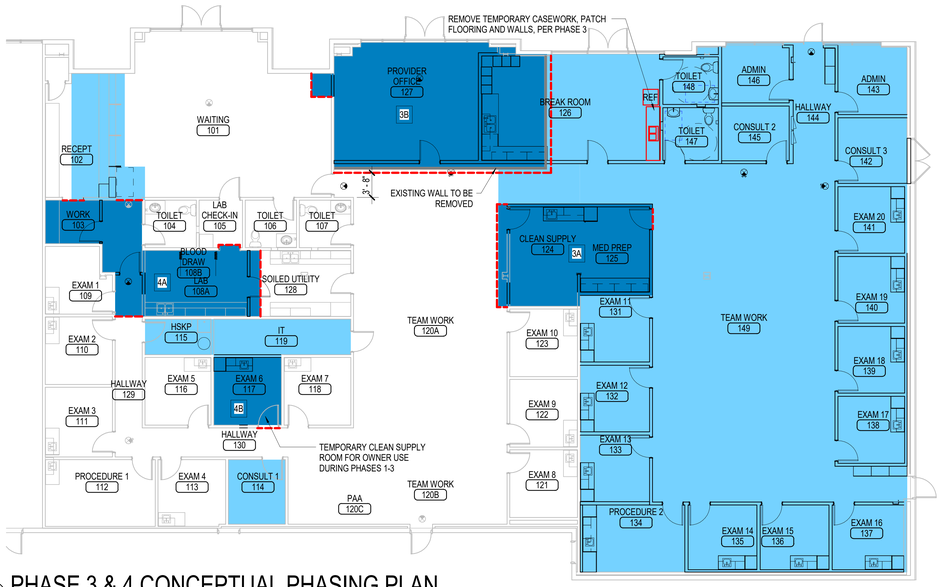
Project No: VALL01.25.057
Issue Date: 6/04/2026
Seal:

Sheet:

LIFE SAFETY PLAN AND CODE INFORMATION

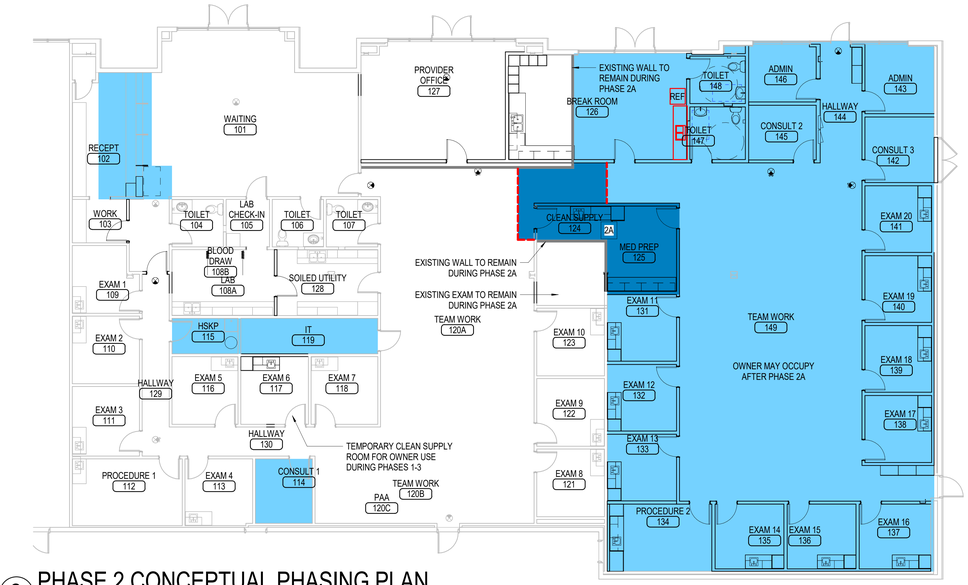
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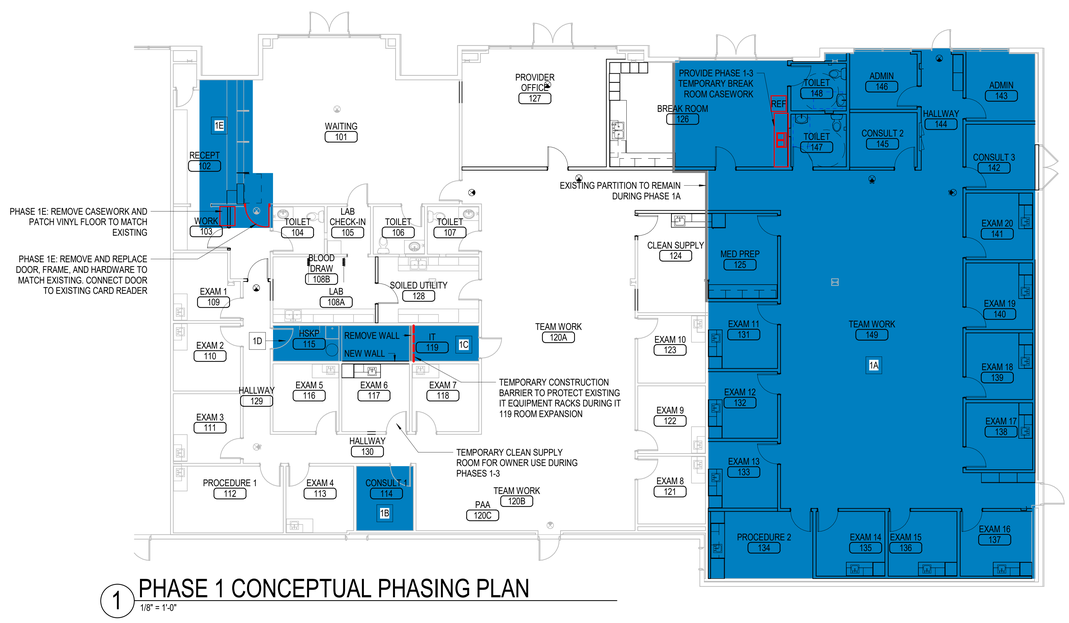
3 PHASE 3 & 4 CONCEPTUAL PHASING PLAN

1/8" = 1'-0"



2 PHASE 2 CONCEPTUAL PHASING PLAN

1/8" = 1'-0"



1 PHASE 1 CONCEPTUAL PHASING PLAN

1/8" = 1'-0"

CONCEPTUAL PHASING SUMMARY

AREAS OF THE EXISTING CLINIC WILL BE OCCUPIED DURING BUSINESS HOURS. THE EXPANSION AREA WILL BE UNOCCUPIED DURING CONSTRUCTION. SCHEDULE ALL WORK WITH VALLEY MEDICAL CENTER (OWNER). REFER TO THE FULL CONTRACT DOCUMENTS FOR ADDITIONAL REQUIREMENTS. THERE WILL BE CONDITIONS WHERE WORK IS REQUIRED OUTSIDE OF THE DESIGNATED PHASING BOUNDARY SUCH AS PAINTING ALL OF THE EXISTING CLINIC WALLS AND SOFFITS. THIS WORK MAY BE REQUIRED TO OCCUR DURING NON-BUSINESS HOURS AND IS TO BE COORDINATED WITH OWNER. REFER TO OWNER'S INFECTION CONTROL REQUIREMENTS FOR ADDITIONAL INFORMATION CONCERNING ISOLATION OF CONSTRUCTION FROM OCCUPANTS AND SENSITIVE EQUIPMENT SUCH AS THE IT SERVERS. THE GOAL OF THE CONCEPTUAL PHASING DIAGRAMS IS TO ALLOW THE OWNER TO MAINTAIN NORMAL BUSINESS HOURS DURING CONSTRUCTION. THESE CONCEPTUAL PHASING DIAGRAMS ARE PROVIDED FOR THE CONTRACTOR'S USE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEARLY DEFINE CONSTRUCTION BOUNDARY AREAS WITH THE OWNER. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND NEGOTIATE THE SCHEDULING AND SEQUENCING OF ALL CONSTRUCTION PHASING ACTIVITIES WITH THE OWNER AND THEIR VENDORS, WHILE MEETING THE FOLLOWING MINIMUM REQUIREMENTS.

PHASE 1

ALL WORK IN THIS PHASE MAY RUN CONCURRENTLY.

AREA 1A
- ALL WORK MAY OCCUR DURING BUSINESS HOURS.
- COMPLETE ALL WORK IN THIS AREA INDICATED INCLUDING INSTALLATION AND CITY APPROVAL OF ALL LIFE SAFETY SYSTEMS.
- TEMPORARY BREAK ROOM 126 TO HAVE TEMPORARY CASEWORK, PARTITION AND SINK COMPLETED DURING THIS PHASE.
- OWNER MAY OCCUPY AREA AT THE END OF PHASE 2A.

AREA 1B
- ALL WORK TO BE COMPLETED DURING NON-BUSINESS HOURS TO ALLOW OWNER TO OCCUPY SPACE DURING BUSINESS HOURS.
- SPACE TO BE LEFT IN A CLEAN CONDITION BETWEEN CONSTRUCTION SHIFTS TO ALLOW OWNER TO OCCUPY AND CONDUCT BUSINESS.
- OWNER TO OCCUPY AREA AT THE END OF THIS PHASE.

AREA 1C
- CONSTRUCTION ACTIVITIES TO OCCUR DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER. SERVER INSTALLATION AND ASSOCIATED WORK WITHIN THE IT 119 ROOM MAY OCCUR DURING BUSINESS HOURS.
- REMOVE EXISTING WALL TO EXPAND EXISTING IT 119 ROOM. NEW WALL TO BE ADDED AS SHOWN TO CREATE TEMPORARY CLEAN SUPPLY ROOM. ADD DEDICATED SPLIT COOLING SYSTEM FOR IT 119 AND COORDINATE WITH OWNER'S VENDORS TO INSTALL NEW SERVERS AND RUN CONDUITS & CABLES TO SPECIFIED AREAS.
- EXISTING IT EQUIPMENT MUST REMAIN OPERATIONAL AT ALL TIMES UNLESS SCHEDULED WITH OWNER.
- OWNER TO OCCUPY AREA AT THE END OF THIS PHASE.

AREA 1D
- ALL WORK DURING THIS PHASE TO BE COMPLETED DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER.
- REPLACE HOT WATER AND BACK FLOW SYSTEM DURING NON-BUSINESS HOURS.
- THE ENTIRE WATER SYSTEM IS TO BE OPERATIONAL DURING ALL BUSINESS HOURS.
- OWNER TO OCCUPY AREA AT THE END OF THIS PHASE.

AREA 1E
- ALL WORK DURING THIS PHASE TO BE COMPLETED DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER.
- MODIFY EXISTING RECEPTION DESK AS SPECIFIED.
- REMOVE EXISTING CASEWORK ADJACENT TO AREA AND REPLACE EXISTING DOOR, FRAME AND HARDWARE WITH TEMPORARY DOOR, FRAME, AND HARDWARE AS IDENTIFIED.
- OWNER TO OCCUPY AREA AT THE END OF THIS PHASE.

PHASE 2

ALL WORK IN THIS PHASE MAY RUN CONCURRENTLY.

AREA 2A
- ALL WORK DURING THIS PHASE TO BE COMPLETED DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER.
-COMPLETE ALL WORK IN THIS AREA INDICATED INCLUDING INSTALLATION AND CITY APPROVAL OF ALL LIFE SAFETY SYSTEMS.
- OWNER TO OCCUPY CORRIDOR AREA AND COMPLETED PHASE 1A AREA AT THE END OF THIS PHASE.

PHASE 3

ALL WORK IN THIS PHASE MAY RUN CONCURRENTLY.

AREA 3A
- ALL WORK DURING THIS PHASE TO BE COMPLETED DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER.
- COMPLETE ALL WORK IN THIS AREA INDICATED INCLUDING INSTALLATION AND CITY APPROVAL OF ALL LIFE SAFETY SYSTEMS.
- OWNER TO OCCUPY AREA AT THE END OF THIS PHASE.

AREA 3B
- CONTRACTOR ACCESS TO THIS AREA SHALL BE THROUGH THE EXTERIOR DOORS UNLESS OTHERWISE APPROVED BY OWNER.
- ALL WORK WITHIN THE TEMPORARY CONSTRUCTION BARRIER DURING THIS PHASE MAY BE COMPLETED DURING BUSINESS HOURS.
- WORK OUTSIDE OF THE TEMPORARY BARRIER TO OCCUR DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER.
- AT THE END OF THIS PHASE, THE TEMPORARY BARRIER DIVIDING BREAK ROOM 126 TO BE REMOVED TO COMBINE BOTH AREAS OF THIS ROOM. TEMPORARY CASEWORK, SINK AND WALL TO BE REMOVED. FLOOR AND WALLS TO BE PATCHED AND REPAIRED. WORK TO COMBINE BOTH AREAS OF THE BREAK ROOM 126 TO BE COMPLETED DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER.
- COMPLETE ALL WORK IN THIS AREA INDICATED INCLUDING INSTALLATION AND CITY APPROVAL OF ALL LIFE SAFETY SYSTEMS.
- OWNER TO OCCUPY AREA AT THE END OF THIS PHASE.

PHASE 4

ALL WORK IN THIS PHASE MAY RUN CONCURRENTLY. COMPLETION OF WORK IN AREA 4A IS FIRST PRIORITY.

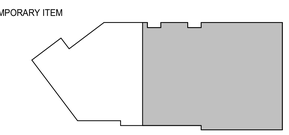
AREA 4A
- ALL WORK DURING THIS PHASE TO BE COMPLETED DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER.
- COMPLETE ALL WORK IN THIS AREA INDICATED INCLUDING INSTALLATION AND CITY APPROVAL OF ALL LIFE SAFETY SYSTEMS.
- OWNER TO OCCUPY AREA AT THE END OF THIS PHASE.

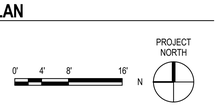
AREA 4B
- ALL WORK DURING THIS PHASE TO BE COMPLETED DURING NON-BUSINESS HOURS UNLESS OTHERWISE APPROVED BY OWNER.
- COMPLETE ALL WORK IN THIS AREA INDICATED INCLUDING INSTALLATION AND CITY APPROVAL OF ALL LIFE SAFETY SYSTEMS.
- OWNER TO OCCUPY AREA AT THE END OF THIS PHASE.

LEGEND

- PRIMARY AREA OF WORK DURING INDICATED PHASE
- PREVIOUS AREA OF WORK WHERE OWNER OCCUPIES SPACE, UNLESS NOTED OTHERWISE
- OCCUPIED AREA
- EXISTING WALL TO REMAIN OR BE REMOVED DURING PHASE INDICATED
- TEMPORARY CONSTRUCTION BARRIER PER OWNER'S INFECTION CONTROL REQUIREMENTS. SEE SPECIFICATIONS. NOTE THAT IF THE CEILING IN AN AREA OF WORK IS NOT INSTALLED, TEMPORARY CONSTRUCTION BARRIERS ARE TO BE INSTALLED AT PERIMETER OF WORK AREA TO ISOLATE THE CONSTRUCTION AREA FROM THE RETURN AIR PLENUM
- TEMPORARY ITEM

KEY PLAN





COLLINS WOERMAN

720 Second Avenue, Suite 1500
Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE Valley
VALLEY MEDICAL CENTER

Consultant:

Mark	Date	Description
	5/15/2026	90% CD REVIEW
	6/04/2026	BID & PERMIT

Project No: VALL01.25.057

Issue Date: 6/04/2026

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CONCEPTUAL PHASING PLANS

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KENT STATION CLINIC EXPANSION

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KENT, WA 98032

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1 ARCHITECTURAL SITE PLAN
NTS 0"

Project No: VALL01.25.057
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Seal:

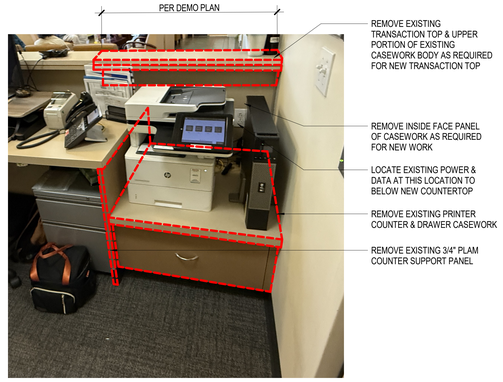
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ARCHITECTURAL SITE PLAN

PROJECT NORTH
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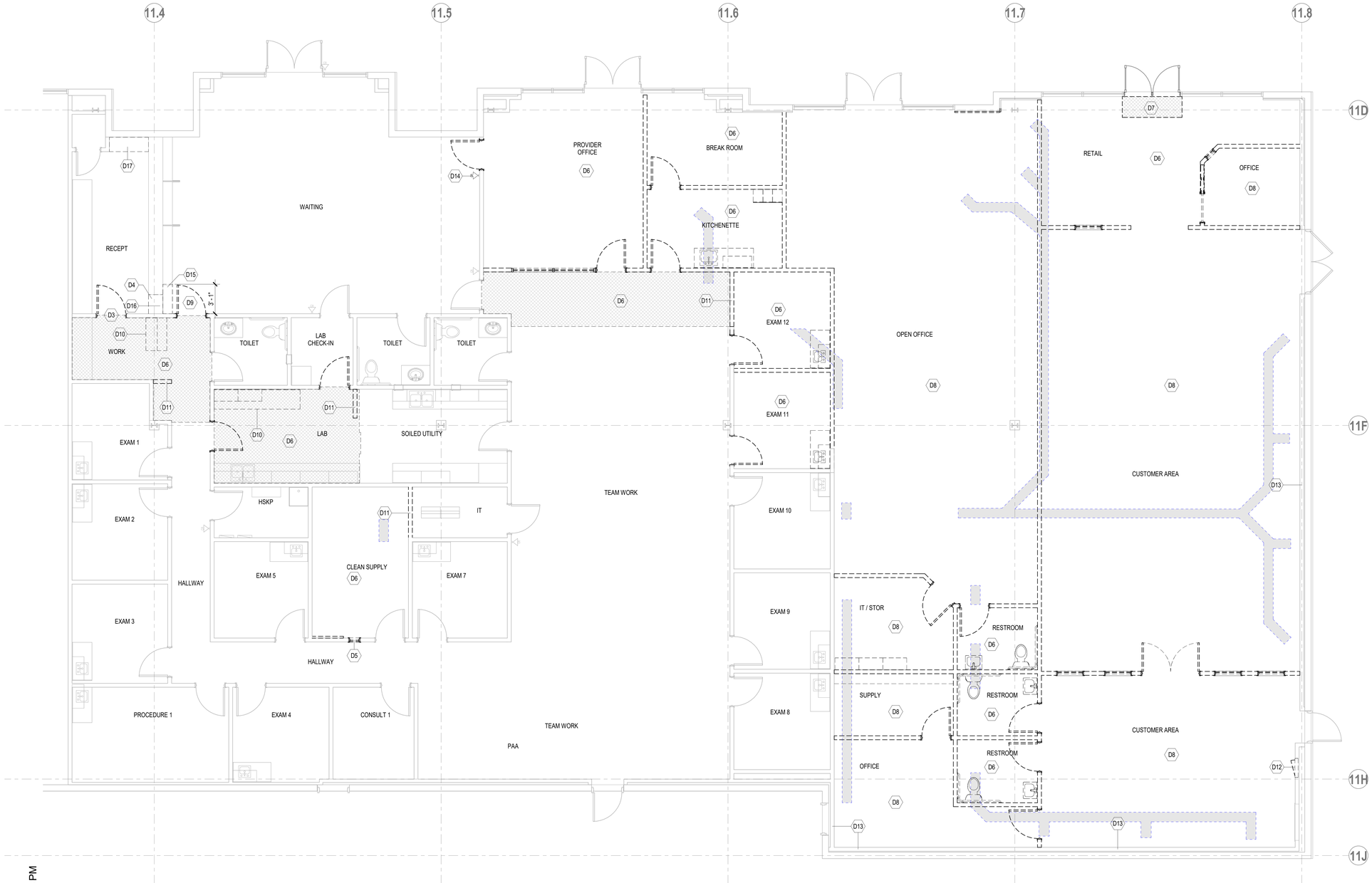
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2 DEMOLITION VIEW - EXISTING RECEPTION
3" = 1'-0"



1 LEVEL 1 DEMOLITION PLAN
1/4" = 1'-0"

6/3/2026 2:40:53 PM

GENERAL NOTES

1. CONSTRUCT TEMPORARY PARTITIONS AS REQUIRED FOR INFECTION CONTROL TO MINIMIZE THE SPREAD OF DUST AND NOISE
2. THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF INCONSISTENCIES BETWEEN THEM AND ACTUAL CONDITIONS BEFORE PROCEEDING WITH CONSTRUCTION.
3. REMOVE CONSTRUCTION AS INDICATED. TYPICAL WALL REMOVAL INCLUDES FINISHES AND MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS CONTAINED THEREIN. REMOVE DOORS, CASEWORK, WINDOWS, FRAMES, AND OTHER FIXTURES AS REQUIRED. AFTER REMOVAL OF PIPE CHASES, PATCH HOLES IN FLOORS OR WALLS TO MATCH EXISTING CONDITIONS AND STRUCTURAL REQUIREMENTS. PATCH ADJOINING WALLS, FLOORS AND DECK, AND PREPARE SURFACES TO RECEIVE NEW FINISHES PER FINISH SCHEDULE OR PER INTERIOR FINISH PLANS.
4. WHERE FINISHES ARE TO BE INSTALLED ONTO REMAINING SURFACES, REMOVE THE EXISTING FINISH AND PREPARE THE EXISTING SURFACE TO RECEIVE THE NEW FINISH.
5. COORDINATE WITH THE OWNER ANY NEW ITEMS TO BE STORED AND/OR RELOCATED.
6. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR DEMOLITION OF UTILITIES.
7. VERIFY THAT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT CONSTRUCTION.
8. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND SET FORTH BY ALL GOVERNING AUTHORITIES.
9. BRACE ALL STRUCTURES OR STRUCTURAL ELEMENTS AS NECESSARY DURING DEMOLITION.
10. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
11. THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AT ALL TIMES.
12. REPLACE OR REPAIR ANY FINISHES THAT ARE TO REMAIN THAT HAVE BEEN DAMAGED DURING DEMOLITION (IE CEILING GRID, CEILING TILE, WALL COVERING, FLOOR COVERINGS, GYPSUM ETC)
13. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF MECHANICAL, PLUMBING OR ELECTRICAL SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MECHANICAL, ELECTRICAL & PLUMBING SYSTEMS OUTSIDE THE LIMIT OF DEMOLITION OR ADJACENT TENANT SPACE.
14. SCHEDULE ALL DEMOLITION WITH THE OWNER.
15. MODIFY EXISTING PARTITION FRAMING, GYPSUM BOARD AND EXISTING UTILITIES AS REQUIRED FOR NEW CONSTRUCTION.

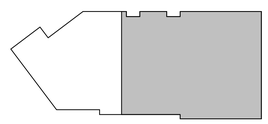
DEMOLITION LEGEND

- EXISTING ELEMENT TO REMAIN
- EXISTING ELEMENT TO BE REMOVED
- EXISTING FLOORING SYSTEM TO BE REMOVED WHERE EXTENTS ARE LESS THAN FULL ROOM, PREP SLAB FOR NEW FLOORING
- REMOVE EXISTING REINFORCED SLAB ON GRADE AND SOIL AS REQUIRED FOR NEW CONSTRUCTION. LOCATION SHOWN IS DIAGRAMATIC. CONTRACTOR SHALL VERIFY FULL EXTENT OF SLAB DEMOLITION AND REPLACEMENT REQUIRED TO ACCOMMODATE WORK. SEE PLUMBING

KEYNOTES

D3	REMOVE DOOR LEAF ONLY, DOOR FRAME TO REMAIN, PATCH HOLES AND REPAINT FRAME
D4	REMOVE EXISTING 18" HIGH PRINTER COUNTER AND DRAWER CASEWORK
D5	REMOVE EXISTING RELITE AND FRAME
D6	EXISTING VINYL FLOORING SYSTEM TO BE REMOVED. PREP SLAB FOR NEW FLOORING
D7	EXISTING WALK OFF MAT TO BE REMOVED. PREP SLAB FOR NEW FLOORING
D8	EXISTING CARPET SYSTEM TO BE REMOVED. PREP SLAB FOR NEW FLOORING
D9	REMOVE EXISTING DOOR, FRAME AND HARDWARE. TYPICAL UNLESS NOTED OTHERWISE
D10	REMOVE EXISTING CASEWORK AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE LAMINATE COUNTERTOP & SOLID SURFACE TRANSACTION TOP FOR REVISED RECEPTION DESK CONFIGURATION
D11	REMOVE EXISTING PARTITION AS REQUIRED FOR NEW CONSTRUCTION
D12	REMOVE EXISTING ELECTRICAL PANEL. SEE ELECTRICAL PLANS
D13	MODIFY EXISTING EXTERIOR 6" METAL STUD WALLS WITH BATT INSULATION, VAPOR RETARDER AND GYPSUM AS REQUIRED FOR NEW CONSTRUCTION, TYPICAL. SEAL ALL PENETRATIONS IN THE EXISTING VAPOR BARRIER
D14	REMOVE EXISTING CARD READER SYSTEM AND PATCH WALL TO MATCH EXISTING
D15	REMOVE UPPER SECTION OF 42" HIGH SOLID SURFACE TRANSACTION COUNTER AS REQUIRED FOR NEW CONSTRUCTION
D16	REMOVE APPROXIMATELY 3'X3' OF EXISTING CARPETING UNDER EXISTING PRINTER CABINET AS REQUIRED FOR NEW CONSTRUCTION
D17	REMOVE COUNTERTOP, PATCH COUNTERTOP EDGE OF EXISTING ADJACENT COUNTERTOP

KEY PLAN



PROJECT NORTH
0' 2' 4' 8' N

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Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:
WE ARE Valley
VALLEY MEDICAL CENTER

Consultant:

Mark	Date	Description
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Project No: VALL01.25.057
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LEVEL 1 DEMOLITION FLOOR PLAN

AD2.1

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LIGHTING/CEILING LEGEND

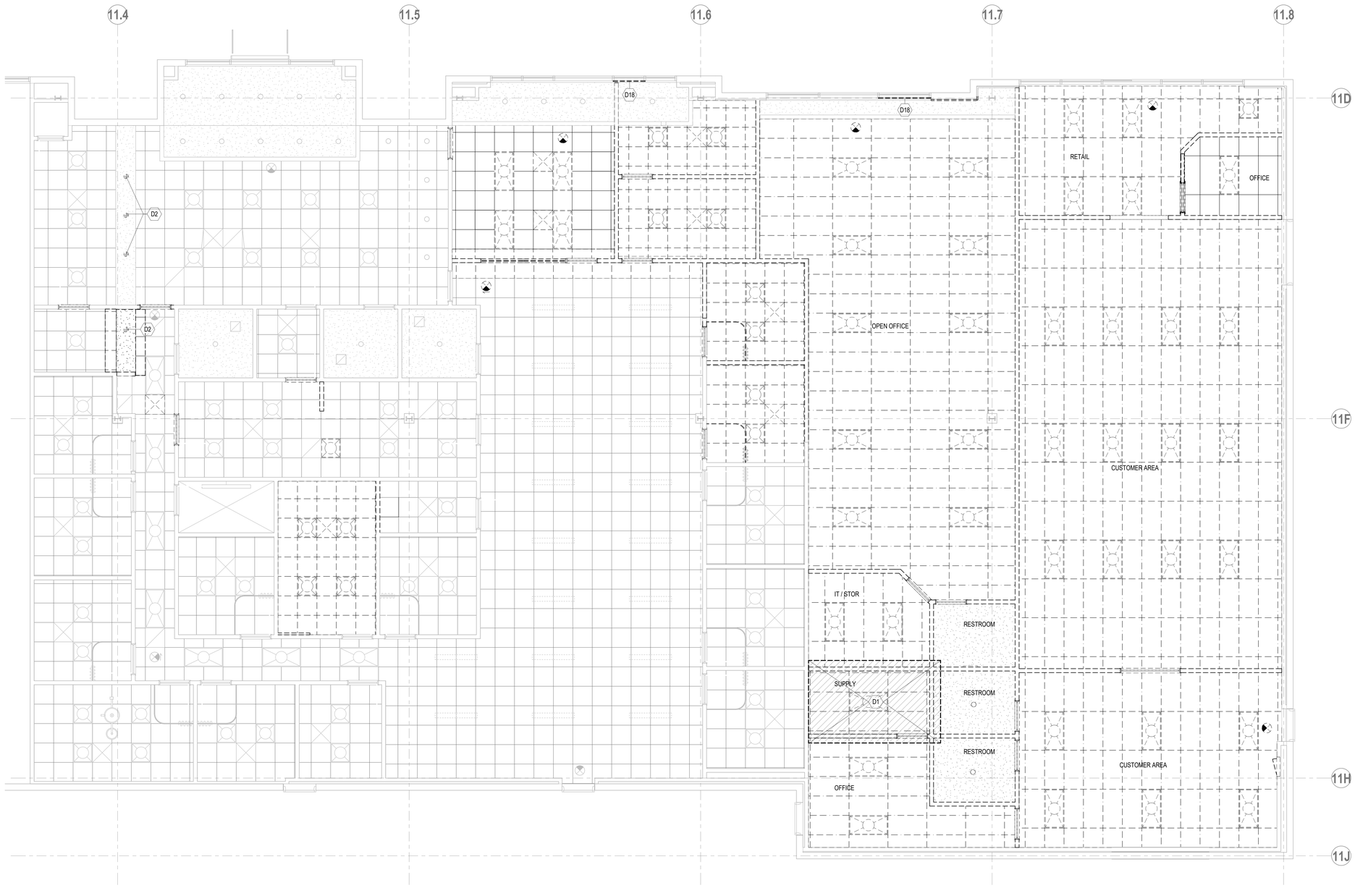
EXISTING	DEMOLITION	
		GYPSUM BOARD CEILING SYSTEM
		ACP 24" X 24" CEILING SYSTEM
		ACP 24" X 48" CEILING SYSTEM
		2 x 2 INDIRECT FIXTURE
		2 x 4 INDIRECT FIXTURE
		LINEAR SUSPENDED FIXTURE
		VANITY FIXTURE WALL MOUNT
		DOWN LIGHT - ROUND
		PENDANT LIGHT
		EXIT SIGN

GENERAL NOTES

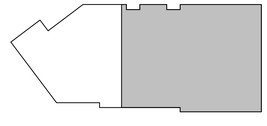
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2. THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF INCONSISTENCIES BETWEEN THEM AND ACTUAL CONDITIONS BEFORE PROCEEDING WITH CONSTRUCTION.
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4. WHERE FINISHES ARE TO BE INSTALLED ONTO REMAINING SURFACES, REMOVE THE EXISTING FINISH AND PREPARE THE EXISTING SURFACE TO RECEIVE THE NEW FINISH.
5. COORDINATE WITH THE OWNER ANY NEW ITEMS TO BE STORED AND/OR RELOCATED.
6. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR DEMOLITION OF UTILITIES.
7. VERIFY THAT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT CONSTRUCTION.
8. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND SET FORTH BY ALL GOVERNING AUTHORITIES.
9. BRACE ALL STRUCTURES OR STRUCTURAL ELEMENTS AS NECESSARY DURING DEMOLITION.
10. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
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12. REPLACE OR REPAIR ANY FINISHES THAT ARE TO REMAIN THAT HAVE BEEN DAMAGED DURING DEMOLITION (IE CEILING GRID, CEILING TILE, WALL COVERING, FLOOR COVERINGS, GYPSUM ETC)
13. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF MECHANICAL, PLUMBING OR ELECTRICAL SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MECHANICAL, ELECTRICAL & PLUMBING SYSTEMS OUTSIDE THE LIMIT OF DEMOLITION OR ADJACENT TENANT SPACE.
14. SCHEDULE ALL DEMOLITION WITH THE OWNER.
15. MODIFY EXISTING PARTITION FRAMING, GYPSUM BOARD AND EXISTING UTILITIES AS REQUIRED FOR NEW CONSTRUCTION.

KEYNOTES

D1	REMOVE PLYWOOD PLATFORM INTERSTITIAL STORAGE STRUCTURE ABOVE CEILING
D2	REMOVE AND SALVAGE PENDANT LIGHT FIXTURE FOR REUSE IN NEW LAYOUT
D18	REMOVE EXISTING METAL BLINDS AS REQUIRED FOR NEW CONSTRUCTION



1 LEVEL 1 DEMOLITION CEILING PLAN
1/4" = 1'-0"



KEY PLAN

PROJECT NORTH
0' 2' 4' 8' N

6/3/2026 2:40:54 PM

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Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:

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LEVEL 1 DEMOLITION CEILING PLAN

AD2.2

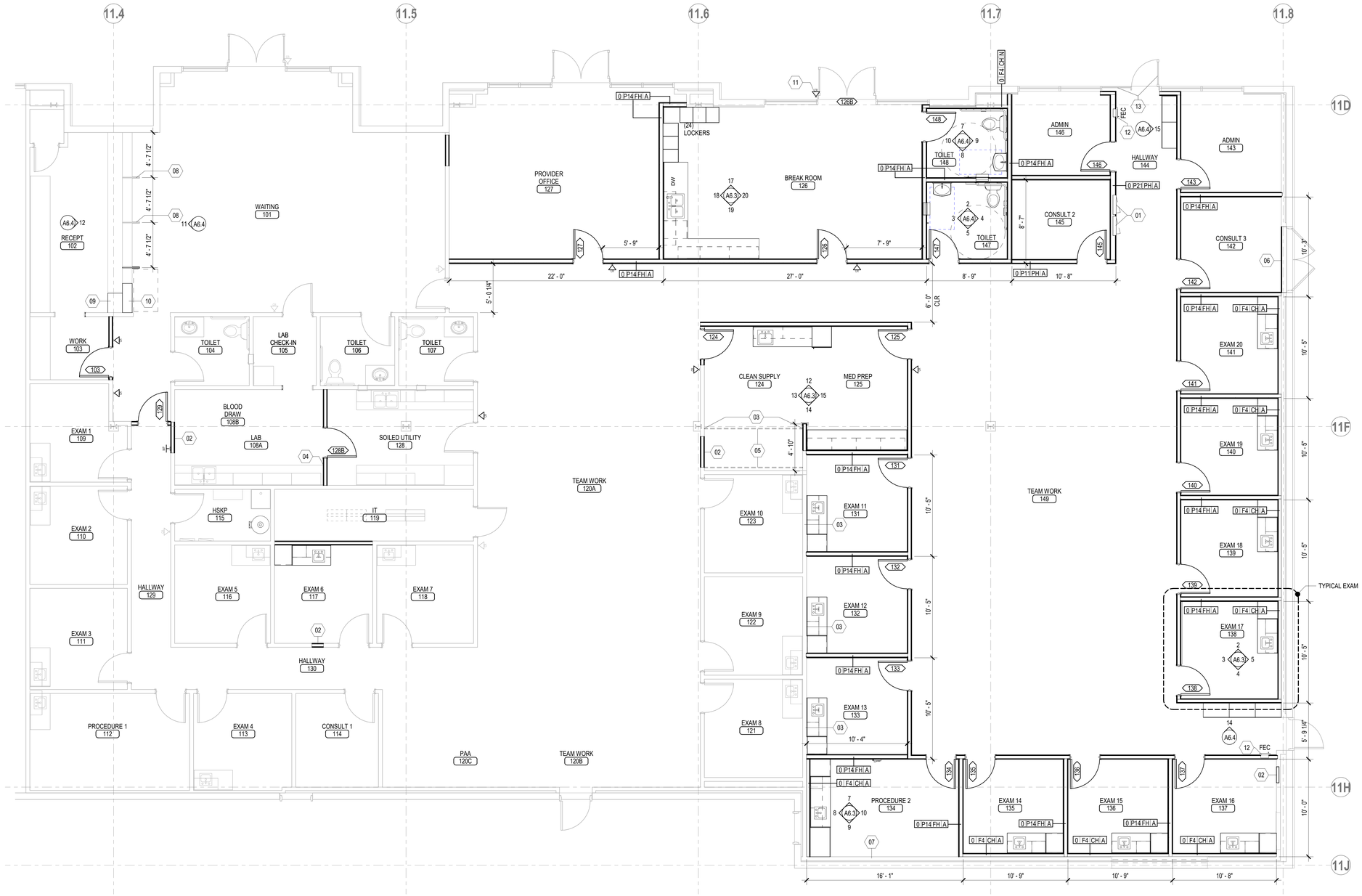
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GENERAL NOTES

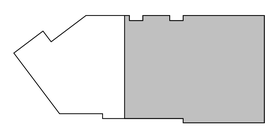
1. ALL PARTITIONS SHALL BE 0 | P11 | PH | A UNLESS NOTED OTHERWISE.
2. ALL FURRING PARTITIONS SHALL BE 0 | F4 | PH | A UNLESS NOTED OTHERWISE.
3. SEE 11/A9.2 FOR TYPICAL SWING DOOR JAMB OFFSET FROM ADJACENT WALL.
4. ALIGN WALL FINISHES UNLESS NOTED OTHERWISE.
5. PROVIDE BACKING/STRUCTURAL SUPPORT FOR ALL WALL MOUNTED EQUIPMENT AND CABINETS PER DETAIL 1&2/A9.2.
6. AT FIRE EXTINGUISHER CABINET (FEC) LOCATIONS, PROVIDE SEMI-RECESSED FIRE EXTINGUISHER AND CABINET PER DETAIL 4/A9.1.
7. CONTRACTOR TO PATCH AND PAINT ALL EXISTING GYPSUM WALL BOARD IN AREAS WHERE WORK OCCURS TO PROVIDE A LIKE NEW FINISH WHERE DAMAGE OCCURS. REPLACE ITEMS DAMAGED DURING CONSTRUCTION.
8. EQUIPMENT AND FURNISHINGS ARE SHOWN DASHED ON A2.11 AND A6 SERIES DRAWINGS. SEE ELECTRICAL RESPONSIBILITY MATRIX AND EQUIPMENT SCHEDULES ON **** FOR CONTRACTOR RESPONSIBILITIES.
9. ALL FIXTURES AND DEVICE TO HAVE ACOUSTIC PUTTY APPLIED TO BACK BOXES TO FULLY SEAL THE BOX EDGES AND PENETRATIONS.
10. PROVIDE BOX WALK WITH OWNER AND ARCHITECT AS DESCRIBED IN SPEC SECTION *******
11. COORDINATE ELECTRICAL CONDUITS AND PLUMBING WORK IN ORDER TO ALLOW RECESSED PAPER TOWEL DISPENSERS AND FIRE EXTINGUISHERS TO BE INSTALLED AT LOCATIONS SHOWN.

KEYNOTES

01	RECESSED ELECTRICAL PANELS
02	INFILL OPENING WITH PARTITION TYPE P11 WITH ACOUSTIC INSULATION. FIELD VERIFY STUD DEPTH TO MATCH EXISTING WITH NEW FINISH FACE OF GYPSUM FLUSH WITH EXISTING
03	MODIFY EXISTING PARTITION FRAMING AND GYPSUM BOARD AS REQUIRED FOR NEW CONSTRUCTION
04	LOCATE FACE OF PARTITION GYPSUM 1/4" FROM COUNTER EDGE
05	HIGH-DENSITY STORAGE SYSTEM RAILS SUPPORTED AT PARTITIONS. MODIFY EXISTING PARTITION FRAMING AS REQUIRED
06	EXISTING METAL DOORS TO BE SECURED SHUT FROM THE INTERIOR WITH (3) 2" X 4" METAL ANGLES/DOOR, SECURED TO INTERIOR SIDE OF DOOR & FRAME. SEAL DOOR PERIMETER WATER TIGHT ON EXTERIOR OF DOORS. INSTALL 6" METAL STUDS ON INTERIOR SIDE OF DOORS WITH R-19 THERMAL INSULATION. A VAPOR BARRIER ON THE WARM SIDE OF INSULATION AND GYPSUM BOARD FLUSH WITH EXISTING WALL
07	MODIFY EXISTING WALL FRAMING AS REQUIRED TO PROVIDE EXAM LIGHT SUPPORTS. SEE STRUCTURAL
08	RELOCATE BOTH EXISTING DIVIDER PANELS TO LOCATIONS SHOWN, PROVIDE NEW 3RD PANEL TO MATCH EXISTING PANELS
09	COUNTERTOP SET AT HEIGHT TO MATCH EXISTING COUNTERTOP. REUSE SALVAGED LAMINATE COUNTERTOP
10	TRANSACTION TOP SET AT 36" AFF, REUSE SALVAGED SOLID SURFACE TRANSACTION TOP
11	CARD READER DEVICE TO MOUNT TO ALUMINUM STOREFRONT DOOR FRAME. ALL WIRING TO BE CONCEALED IN THE EXISTING STOREFRONT FRAME SYSTEM
12	RECESSED FIRE EXTINGUISHER CABINET, SEE 8/A9.1
13	INSTALL PRIVACY FILM TO EXISTING PAIR OF STOREFRONT DOORS, FULL COVERAGE OF INSIDE FACE OF LEAF GLAZING; BASIS OF DESIGN: 3M CRYSTAL GLASS FINISHES, FROSTED CRYSTAL



1 LEVEL 1 FLOOR PLAN
1/4" = 1'-0"



KEY PLAN

0' 2' 4' 8' N PROJECT NORTH

6/3/2026 2:40:41 PM

WOERMAN COLLINS

720 Second Avenue, Suite 1500
Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE Valley VALLEY MEDICAL CENTER

Consultant:

Mark	Date	Description
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	6/04/2026	BID & PERMIT

Project No: VALL01.25.057

Issue Date: 6/04/2026

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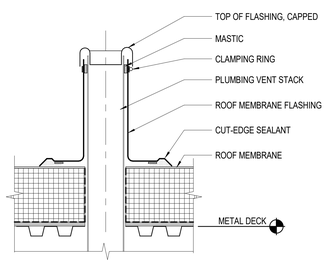
LEVEL 1 FLOOR PLAN

A2.1

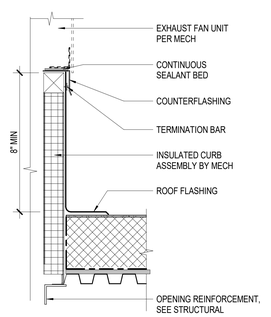
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LEGEND

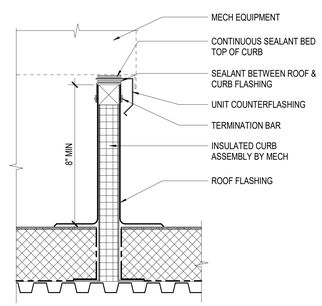
- EXISTING ROOF AND OVERFLOW DRAIN
- EXISTING MECHANICAL UNIT
- NEW ROOFTOP HEAT PUMP ON EXISTING CURB. SEE MECHANICAL. REMOVE EXISTING GAS SYSTEM WHERE SHOWN ON MECHANICAL PLANS.
- EXISTING EXHAUST FAN
- NEW EXHAUST FAN SEE DETAIL 4 / A2.2
- NEW OUTDOOR CONDENSING UNIT. MODIFY EXISTING ROOFING SYSTEM AS REQUIRED FOR CURB AND ASSOCIATED PIPING/CONDUIT PENETRATIONS. SEE DETAIL 2&3/A2.3
- NEW VENT THROUGH ROOF, SEE DETAIL 5 / A2.2



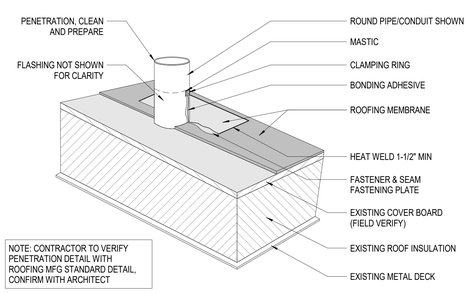
5 TYPICAL VENT PIPING
1 1/2" = 1'-0"



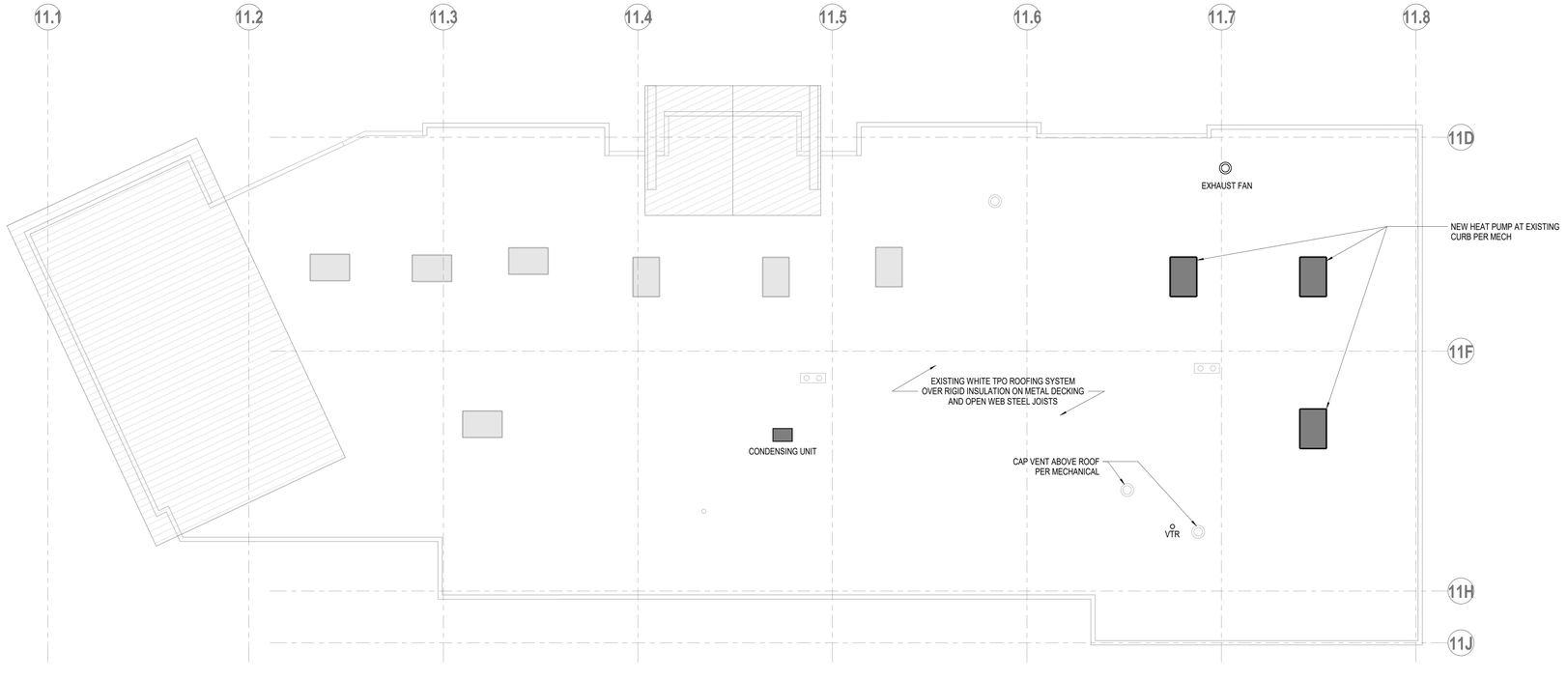
4 ROOF CURB @ EXHAUST FAN
1 1/2" = 1'-0"



3 INSULTATED ROOF CURB
1 1/2" = 1'-0"



2 ROOFING PENETRATION DETAIL
N.T.S.



1 ROOF PLAN
1/8" = 1'-0"

PROJECT NORTH
0' 4' 8' 16' N

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ROOF PLAN

A2.2

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EQUIPMENT SCHEDULE					
Type Mark	Description	Model	Manufacturer	Type Comments	Responsibility
BRK-01	TV & TV MOUNTING BRACKET	--	--	55" TV ON WALL MOUNT BRACKET	OF/CI
CHR-BDR	CHAIR, BLOOD DRAW	--	--	--	OF/OI
CHR-F	FOLDING CHAIR WALL HOLDER	--	--	WALL MOUNT	OF/CI
CMNT-01	WALL MOUNTED COMPUTER SYSTEM, W/ MONITOR & KEYBOARD HOLDER	LX WALL MOUNT SYSTEM	ERGOTRON	WALL MOUNT	OF/CI
COFFEE	HOT POT COFFEE BREWER TOWER	--	--	PROVIDE WATER CONNECTION	OF/OI
CRT-BG	CART, BOTTLED GAS	6105	PNEUMATIC SERVICES	CYLINDER TRANSPORT CART	OF/OI
CTR-1934	DISPOSAL, SHARPS	BIO SYSTEMS C-02RES-0203 W/ 0203WMA	STERICYCLE	WALL MOUNT	OF/CI
EUS-0209	STAND, MAYO	P-66	PEDIGO PRODUCTS	--	OF/OI
FOAM-1	DISPENSER, HAND SANITIZER	DISPENSER FOR 9-OZ ALCARE HAND SANITIZER	SC JOHNSON PROFESSIONAL USA	WALL MOUNT	OF/CI
GS-NI	NITROGEN TANK W/ WALL CHAIN SECUREMENT	--	--	WALL MOUNT HOLDER BRACKET	OF/OI
HMP-1211	LINEN HAMPER, MOBILE	CX102 (LARGE)4	MEDLINE INDUSTRIES	--	OF/OI
ICE	ICE MAKER/DISPENSER, COUNTERTOP	--	--	PROVIDE WATER CONNECTION	OF/OI
MCRW	MICROWAVE	--	--	--	OF/OI
OTS-0205	DIAGNOSTIC SYSTEM	777-PM3WAX-US	BAXTER - HILLROM, WELCH ALLYN	WALL MOUNT	OF/CI
PRINT-01	PRINTER, COUNTERTOP	--	--	LOCATES IN CABINET	OF/OI
PTD-1	DISPENSER, PAPER TOWEL, RECESSED	ENMOTION AUTOMATED TOUCHLESS #59466A, STAINLESS STEEL	GEORGIA PACIFIC	WALL MOUNT SEMI-RECESSED	OF/CI
PTD-2	DISPENSER, PAPER TOWEL & TRASH RECEPTACLE, RECESSED	ENMOTION 8" RECESSED W/ RECEPTACLE #59466A/59491, STAINLESS STEEL	GEORGIA PACIFIC	WALL MOUNT SEMI-RECESSED	OF/CI
RACK-HD	RACK, HIGH-DENSITY W/ TOP RAILS	EXISTING	EXISTING	EXISTING SYSTEM TO BE RELOCATED, PROVIDE WALL BACKING AT RAILS. MODIFY EXISTING STUD FRAMING AS REQUIRED	OF/OI
RCP-0908	RECEPTACLE, TRASH, STEP-ON PADDLE	P-48, WHITE, 12GAL	DETECTO SCALE-DIV CARDINAL SCALE MFG	--	OF/OI
RCP-K	WASTE RECEPTACLE, KICK BUCKET	--	--	--	OF/OI
REF	REFRIGERATOR, NON-COMMERCIAL	--	--	PROVIDE WATER CONNECTION FOR BUILT-IN WATER DISPENSER	OF/OI
RF-001	FREEZER, UNDERCOUNTER	EXISTING	--	EXISTING TO BE RELOCATED	OF/OI
RF-002	Refrigerator - Laboratory - Horizon Series	HLR111	Helmer, Inc.	EXISTING TO BE RELOCATED	OF/OI
SANI	SANITIZER WIPE HOLDER	--	--	--	OF/CI
SCL-1612	SCALE, PLATFORM WITH DETACHED WALL MOUNT READER	WB-800S PLUS (660LB CAPACITY)	TANITA CORPORATION	DIGITAL READER MOUNTS TO WALL ABOVE SCALE	OF/CI
SD-1	DISPENSER, SOAP	PURRELL ES8 TOUCH-FREE (WHITE)	GOJO INDUSTRIES	WALL MOUNT	OF/CI
SDM-1302	STADIOMETER	HR-200 WALL-MOUNT HEIGHT ROD	TANITA CORPORATION	WALL MOUNT	OF/CI
STL-01	STOOL EXAM	E2000	DENTALEZ	--	OF/OI
TBL-001	TABLE, EXAM, POWERED	RITTER 224 BARRIER-FREE #224-003	MIDMARK CORPORATION	--	OF/OI
TBL-002	TABLE, TREATMENT, POWERED	MIDMARK 630 HUMANFORM (PROGRAMMABLE) #630-020/002-10108	MIDMARK CORPORATION	--	OF/OI
TEL	TELEPHONE	--	--	WALL MOUNT	OF/CI



1 LEVEL 1 EQUIPMENT PLAN
1/4" = 1'-0"

GENERAL NOTES

1. SEE THE INTERIOR ELEVATIONS ON THE A6 SERIES DRAWINGS FOR TOILET ROOM EQUIPMENT AND ACCESSORIES AND ADDITIONAL MEDICAL EQUIPMENT INFORMATION.
2. PROVIDE BACKING AT ALL WALL MOUNTED ITEMS. FOR ITEMS NOT SHOWN ON INTERIOR ELEVATIONS, COORDINATE FINAL LOCATIONS IN THE FIELD WITH OWNER.
3. PRIOR TO INSTALLATION OF ANY ACCESSORY ITEMS, CONTRACTOR TO COORDINATE FINAL PLACEMENT WITH OWNER.

LEGEND

EQUIPMENT, SEE EQUIPMENT SCHEDULE

FURNITURE BY OWNER

KEYNOTES

03 MODIFY EXISTING PARTITION FRAMING AND GYPSUM BOARD AS REQUIRED FOR NEW CONSTRUCTION

KEY PLAN

PROJECT NORTH

0' 2' 4' 8' N

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VALLEY MEDICAL CENTER

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LEVEL 1 EQUIPMENT PLAN

A2.11

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GENERAL NOTES

1. PAINT ALL EXISTING GYP WALLS AND NEW GYP WALLS PNT-1, UNLESS NOTED OTHERWISE.
2. PAINT ALL EXISTING GYP CEILINGS AND NEW GYP CEILINGS AND SOFFITS PNT-10, UNLESS NOTED OTHERWISE.
3. FOR ADDITIONAL CEILING INFORMATION, REFER TO REFLECTED CEILING PLANS, A3.
4. FLOORING TRANSITIONS AT DOOR OPENINGS ARE TO BE CENTERED UNDER DOOR IN CLOSED POSITION OR AS INDICATED ON THRESHOLD DETAILS. FILL AND FEATHER FLOOR FINISH TO ENSURE FLUSH TRANSITIONS BETWEEN FLOOR MATERIALS OF DIFFERENT HEIGHTS. SEE INTERIOR DETAIL SHEETS A9 FOR FLOOR TRANSITION DETAILS.
5. REFER TO INTERIOR ELEVATIONS DRAWINGS FOR ADDITIONAL INFORMATION REGARDING HEIGHTS OF WALL FINISHES.
6. HARD SURFACE FLOOR FINISH SHALL EXTEND UNDER CASEWORK EXCEPT AT COVE BASE LOCATIONS.
7. START FULL FLOOR TILE AT THE BACK CORNER, TOILET SIDE, IN ALL TOILET ROOMS.
8. TYPICAL COUNTERTOP DEPTH IS 25" INCLUDING BACKSPLASH UNLESS NOTED OTHERWISE.
9. PAINT UNDERSIDE OF ALL UNFINISHED WOOD COUNTERS PNT-1
10. FOR FINISH MATERIAL MANUFACTURERS, PRODUCT, AND COLOR, SEE FINISH SCHEDULE ON A2.53
11. FOR SUBSTRATE PAINT SYSTEM, SEE: 09 9000
12. ALL FLOORING TO BE INSTALLED UNDERNEATH CASEWORK PRIOR TO CASEWORK INSTALLATION UNLESS FLOORING HAS AN INTEGRAL FLOOR BASE.

KEYNOTES

F1	INSTALL NEW FLOORING PATCH FLUSH BETWEEN EXISTING FLOORING TO MATCH
F2	PAINT INTERIOR OF EXISTING DOOR & FRAME PNT-1
F3	INSTALL NEW CARPET UNDER RECEPTION DESK TO MATCH ADJACENT CARPETING SYSTEM

FINISH LEGEND

CG-1	CORNER GUARD SEE DETAIL 17/A9.1
EWG	END WALL GUARD. SEE DETAIL 17/A9.1

1 LEVEL 1 FINISH PLAN
1/4" = 1'-0"

KEY PLAN

PROJECT NORTH

0' 2' 4' 8' N

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LEVEL 1 FINISH PLAN

A2.12

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GENERAL NOTES:

1. SEE ELECTRICAL FOR HEIGHTS OF DEVICES AND ADDITIONAL ELECTRICAL DEVICE INFORMATION.
2. SEE INTERIOR ELEVATIONS FOR ADDITIONAL LOCATION INFORMATION.
3. ALL JUNCTION BOXES TO BE LOCATED AT LEAST 16 INCHES APART (OR ONE STUD BAY, WHICHEVER IS LARGER).
4. ROOMS TO BE FULLY SEALED BY APPLYING SEALANT AT ALL PENETRATIONS IN THE GWB ENVELOPE OF THE ROOM. ALL FIXTURES AND DEVICES. BOXES TO HAVE ACOUSTIC PUTTY APPLIED TO BACK BOXES TO FULLY SEAL THE BOX EDGES AND PENETRATIONS.

POWER & DATA PLAN LEGEND

- TWO PORT DATA
- 3 — THREE PORT DATA
- W — WALL PHONE DATA PORT
- DUPLEX POWER OUTLET
- QUAD POWER OUTLET
- S — LIGHT SWITCH
- A — NURSE CALL ANNUNCIATOR PANEL
- P — NURSE CALL PULL CORD STATION
- P — NURSE CALL PUSH BUTTON STATION
- CR — CARD READER
- PP — POWERED DOOR PUSH PLATE

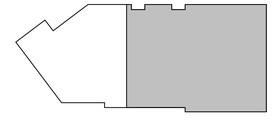
KEYNOTES

P1	SEE ELECTRICAL FOR FURNITURE POWER AND DATA NOT INDICATED
P2	RECEPTACLES INSIDE CASEWORK, SEE ELEVATIONS



1 LEVEL 1 - POWER PLAN
1/4" = 1'-0"

KEY PLAN



0' 4' 8' 16' N

PROJECT NORTH

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LEVEL 1 POWER PLAN

A2.13

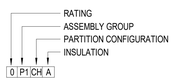
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GENERAL NOTES:

1. NON-STRUCTURAL METAL FRAMING SHALL BE BIDDER-DESIGNED BY A REGISTERED ENGINEER FOLLOWING DESIGN INTENT OF THE DRAWINGS. AL LSTUDS TO BE 20 GA MINIMUM, UNLESS NOTED OTHERWISE
2. SEE A9.2 FOR BACKING DETAILS WHICH SHALL BE INCLUDED AS PART OF THE NON-STRUCTURAL BIDDER DESIGN FOLLOWING DESIGN INTENT OF DETAIL
3. GYPSUM BOARD IS 5/8" THICK "TYPE X" UNO
4. SEE INTERIOR ELEVATIONS, FINISH PLAN AND FINISH SCHEDULE FOR WALL FINISHES
5. WHERE INDICATED, EXTEND THE INSULATION TO THE UNDERSIDE OF STRUCTURE
6. FOR NON-RATED PARTITIONS WITH INSULATION PROVIDE CONTINUOUS ACOUSTIC SEALANT AT JOINTS BETWEEN CONC. FLOOR AND GYPSUM BOARD
7. FOR NON-RATED PARTITIONS PROVIDE ACOUSTIC CAULKING AT ALL PENETRATIONS. SEE 3 / A9.2.
8. FIELD VERIFY EXISTING PARTITION THICKNESS WHERE NEW WALLS ARE TO ALIGN FLUSH

SYMBOL LEGEND:



ASSEMBLY GROUP:

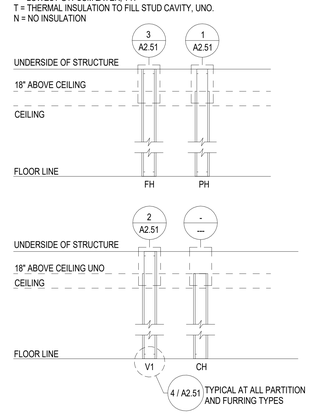
P = PARTITION
F = FURRING

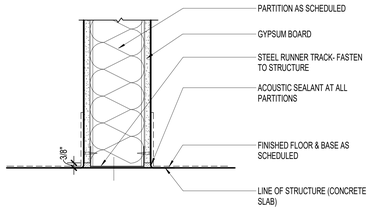
HEIGHT CONFIGURATION:

FH = FULL HEIGHT:	EXTEND GWB AS INDICATED TO STRUCTURE ABOVE
PH = PARTIAL HEIGHT:	EXTEND GWB AS INDICATED TO 18" ABOVE CEILING
V1 = VARIABLE HEIGHT:	EXTEND GWB ON ONE SIDE TO STRUCTURE ABOVE & ON OTHER SIDE TO 18" ABOVE OF CEILING. INSTALL PARTIAL HEIGHT GWB ON SIDE OF PARTITION WHERE SYMBOL IS LOCATED
CH = CEILING HEIGHT:	EXTEND BOTH STUD & GWB TO 18" ABOVE CEILING. BRACE AS REQ'D

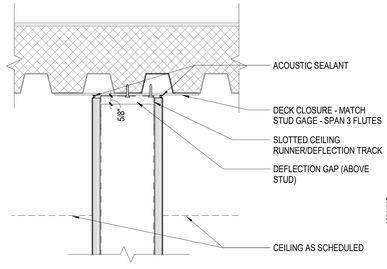
INSULATION:

A = ACOUSTICAL INSULATION TO FILL STUD CAVITY TO TOP OF LOWEST GYPSUM LAYER, TYP
T = THERMAL INSULATION TO FILL STUD CAVITY, UNO.
N = NO INSULATION

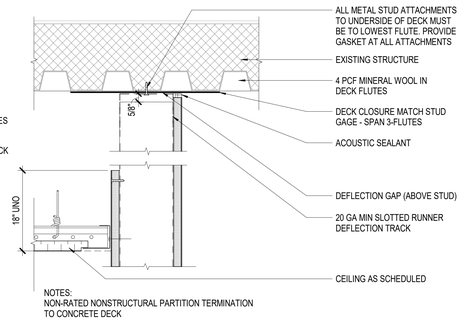




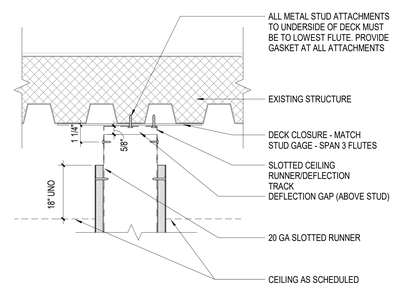
4 BASE OF WALL
3" = 1'-0"



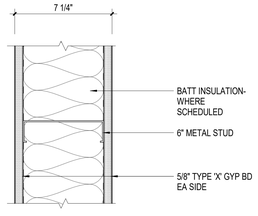
3 WALL HEAD AT FH
3" = 1'-0"



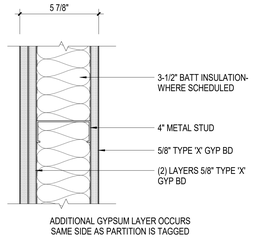
2 NON-RATED PARTITION HEAD (V1)
3" = 1'-0"



1 WALL HEAD AT PH
3" = 1'-0"

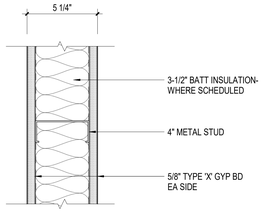


P21	-	STC 45-49
	1 HR	GA FILE NO. WP 1072, ULC DESIGN V438
	-	-

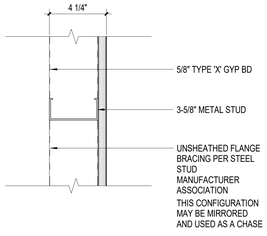


ADDITIONAL GYPSUM LAYER OCCURS SAME SIDE AS PARTITION IS TAGGED

P14	-	STC 50 -54
	-	-
	-	-



P11	-	STC 45-49
	-	-
	-	-



F4	NR	-
	-	-
	-	-

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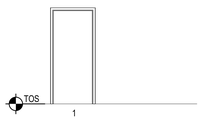
PARTITION SCHEDULE

A2.51

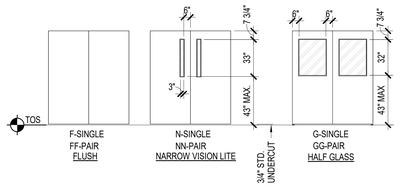
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DOOR FRAME TYPES



DOOR TYPE DESIGNS



DOOR/OPENING SCHEDULE - NEW

REV #	NO.	DOOR PANEL						FRAME							GLAZING TYPE	FIRE RATING LABEL	HARDWARE			TO ROOM		REMARKS
		NOMINAL DIMENSIONS			TYPE	CONST	FACING & FINISH	TYPE	MATERIAL	FINISH	DETAILS						SET NO.	LOCKING FUNCTION	OPENING OPERATION	NAME	NUMBER	
		WIDTH	HEIGHT	THICKNESS							JAMB	HEAD	SILL									
	103	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	02	STORE	AC-CR-R	WORK	103	-
	124	3' - 0"	7' - 0"	1 3/4"	N	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	TG	-	02	STORE	AC-CR-R	CLEAN SUPPLY	124	-
	125	3' - 0"	7' - 0"	1 3/4"	N	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	TG	-	02	STORE	AC-CR-R	MED PREP	125	-
	126	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	02	STORE	AC-CR-R	BREAK ROOM	126	-
	127	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	23/A9.1	-	-	02	OFFICE	AC-CR-R	PROVIDER OFFICE	127	-
	128B	3' - 0"	7' - 0"	1 3/4"	G	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	-	13A/A9.1	TG	-	08	STORE	-			-
	129	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	03	STORE	AO-CR, AO-PP	HALLWAY	129	-
	131	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 11	131	-
	132	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 12	132	-
	133	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 13	133	-
	134	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	PROCEDURE 2	134	-
	135	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 14	135	-
	136	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 15	136	-
	137	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 16	137	-
	138	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 17	138	-
	139	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 18	139	-
	140	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 19	140	-
	141	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	13A/A9.1	-	-	04	PASSAGE	-	EXAM 20	141	-
	142	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	23/A9.1	-	-	07	OFFICE	-	CONSULT 3	142	-
	143	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	23/A9.1	-	-	07	OFFICE	-	ADMIN	143	-
	145	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	23/A9.1	-	-	07	OFFICE	-	CONSULT 2	145	-
	146	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	23/A9.1	-	-	07	OFFICE	-	ADMIN	146	-
	147	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	3/A2.52	3/A2.52 SIM	18/A9.1	-	-	05	PRIVACY/RESCUE	-	TOILET	147	-
	148	3' - 0"	7' - 0"	1 3/4"	F	WD-SC	A-PLAM-1	1	HM	PNT-1	1/A2.52	2/A2.52	18/A9.1	-	-	06	PRIVACY	-	TOILET	148	-

DOOR/OPENING SCHEDULE - EXISTING

REV #	NO.	DOOR PANEL						FRAME							GLAZING TYPE	FIRE RATING LABEL	HARDWARE			TO ROOM		REMARKS
		NOMINAL DIMENSIONS			TYPE	CONST	FACING & FINISH	TYPE	MATERIAL	FINISH	DETAILS						SET NO.	LOCKING FUNCTION	OPENING OPERATION	NAME	NUMBER	
		WIDTH	HEIGHT	THICKNESS							JAMB	HEAD	SILL									
--	126B	6' - 0"	8' - 0"	EXISTING	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	-	-	EXIST	EXIST	AC-CR-R	BREAK ROOM	126	1

DOOR/OPENING SCHEDULE NOTES

GENERAL:
"---" INDICATES NO WORK FOR THAT ENTRY
"N/A" INDICATES COLUMN IS NOT APPLICABLE FOR THAT ENTRY

NOMINAL DIMENSIONS

WIDTH — INDICATES NOMINAL DOOR DIMENSION FOR SWING DOORS, CLEAR OPENING FOR BARN DOORS, OR ROUGH OPENING FOR DOOR SYSTEMS THAT INCLUDE FRAME (BI-PARTING SLIDING DOORS, OVERHEAD COILING DOORS, ETC)

HEIGHT — INDICATES DIMENSION MEASURED FROM TO SUBFLOOR TO UNDERSIDE OF FRAME, UNO

CONST - DOOR CONSTRUCTION
WD-SC WOOD - SOLID CORE
EXIST EXISTING

FACING/FINISHING - DOOR FACING & FINISH (EXAMPLE: A/PL-1)
FACING
A PLAM
EXIST EXISTING
FINISH
PL-X PLAM COLOR (SEE FINISH SCHEDULE)
EXIST EXISTING

MATERIAL - FRAME MATERIAL
HM HOLLOW METAL
EXIST EXISTING

FINISH - FRAME FINISH
P-X PAINT COLOR (SEE FINISH SCHEDULE)
EXIST EXISTING

GLAZING TYPE
INTERIOR
TG TEMPERED GLASS - CLEAR

* TEMPERED SAFETY GLAZING
IBC 2021 2406.3 IDENTIFICATION OF SAFETY GLAZING:
EACH PANE OF SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE IDENTIFIED BY A MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION, AND THE SAFETY GLAZING STANDARD. THE DESIGNATION SHALL BE ACID ETCHED, SAND BLASTED, CERAMIC FIRED, LASER ETCHED, EMBOSSED OR OF A TYPE THAT ONCE APPLIED, CANNOT BE REMOVED WITHOUT BEING DESTROYED. THIS LABEL SHALL BE VISIBLE IN THE FINISHED AND INSTALLED UNIT.

OPENING REQUIREMENTS
A. ALL PUBLIC EXTERIOR DOOR FORCES SHALL MEET 10 POUNDS OF FORCE MAX; INTERIOR DOOR, OTHER THAN FIRE DOORS, FORCES SHALL MEET 5 POUNDS MAX. INTERIOR DOOR HARDWARE IN ALL BUT WITHIN TYPE B DWELLING UNITS SHALL BE EASILY USABLE WITH ONE HAND & NOT REQUIRE TIGHT GRIPPING OR TWISTING.

LOCKING FUNCTION - INDICATES THE LOCKING REQUIREMENTS FOR THE OPENING

FUNCTION	DESCRIPTION
PASSAGE	LATCHBOLT RETRACTED BY LEVER FROM EITHER SIDE AT ALL TIMES
PRIVACY	DEADBOLT WITH EMERGENCY COINTURN AND OCCUPANCY INDICATOR ON EXTERIOR
STORE	KEY REQUIRED AT ALL TIMES FROM SECURE SIDE, FREE EGRESS FROM ROOM
ENTRANCE	KEY LOCK/UNLOCK FROM SECURE SIDE, STRIKE EDGE BUTTON, FREE EGRESS FROM ROOM
OFFICE	KEY LOCK/UNLOCK FROM SECURE SIDE, THUMBTURN AND FREE EGRESS FROM ROOM
CLASSROOM	KEY LOCK/UNLOCK FROM SECURE SIDE, NO LOCKING AND FREE EGRESS FROM ROOM
PANIC	PANIC BAR WITH POSITIVE LATCHING
DEAD-LEVER	LEVER BOTH SIDES (FIXED), KEY OUTSIDE, THUMBTURN INSIDE
DEAD-BLANK	NO LEVER ON EITHER SIDE, KEY OUTSIDE, THUMBTURN INSIDE
ENTRY-FSA	FAIL-SAFE - HARDWARE UNLOCKED IN POWER OUTAGE
ENTRY-FSE	FAIL-SECURE - HARDWARE LOCKED IN POWER OUTAGE
PANIC-E	FAIL-SAFE PANIC BAR WITH POSITIVE LATCHING ELECTRONIC HARDWARE
DELAY	DELAYED EGRESS PANIC BAR
PRIVACY/RESCUE	DEADBOLT WITH OCCUPANCY INDICATOR ON EXTERIOR. EMERGENCY OUTSWING DOOR OPERATION BY STAFF WITH SPECIAL HARDWARE

OPENING OPERATION - INDICATES CONTROLS OF THE OPENING OPERATION OF THE OPENING

AC-CR-R	ACCESS CONTROL - CARD READER ACTUATOR REMOTE FROM DOOR
AC-CR-I	ACCESS CONTROL - CARD READER INTEGRATED WITH DOOR HANDLE HARDWARE
AC-KP-R	ACCESS CONTROL - KEYPAD REMOTE FROM DOOR
AC-KP-I	ACCESS CONTROL - KEYPAD REMOTE INTEGRATED WITH DOOR HANDLE HARDWARE
DC	OVERHEAD CLOSER
DC-D	OVERHEAD CLOSER WITH DELAYED ACTION
DC-MG	OVERHEAD CLOSER WITH MAG HOLD CAPABILITIES
MG	MAG HOLD DOOR PANEL TO ADJACENT WALL
AO-PP	AUTO OPERATOR WITH PUSH PLATES
AO-IR	AUTO OPERATOR WITH INFRARED (TOUCHLESS) PLATES
AO-CR	AUTO OPERATOR INTEGRATED WITH CARD READER

REMARKS - ADDITIONAL INFO PER DOOR/OPENING

1. EXISTING ALUMINUM STOREFRONT DOOR. PROVIDE A NEW REMOTE CARD READER WITH CONCEALED WIRING TO SECURE BOTH DOORS

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VALLEY MEDICAL CENTER

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DOOR SCHEDULE

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FINISH SCHEDULE

SPEC #:	REF-ABBREV:	MANUFACTURER:	PRODUCT NAME - DESCRIPTION:	SIZE:	LOCATION:	REMARKS:
WALL COVERING						
10 2600	CG-1	CONSTRUCTION SPECIALTIES	STAINLESS STEEL, TYPE 304 FINISH: SATIN, NO 4	96"	-	TYP CORNER GUARD 17/A9.1
10 2600	EWG-1	CONSTRUCTION SPECIALTIES	STAINLESS STEEL, TYPE 304 FINISH: SATIN, NO 4	96"	-	TYP END WAL GUARD 17/A9.1
CASEWORK AND MILLWORK						
06 4000	SSM-2	CORIAN	LUSTRA COLLECTION COLOR: GLACIER WHITE	1/2"		SSM TYP AT ALL COUNTERS W/ INTEGRAL BACKSPLASH, UNO. 1" RADIUS AT ALL CORNERS.
06 4000	PLAM-1	PIONITE	HARDROCK MAPLE WM791 SUEDE FINISH	-		APPLY WITH GRAIN PATTERN VERTICAL, VERTICAL CASEWORK SURFACES
06 4000	FRL-1	FORMICA	FIBER REINFORCED LAMINATE ANTIQUE WHITE #932-58	-	EXAM & PROCEDURE ROOMS	WAINSCOAT BELOW RUB RAIL
WINDOW COVERINGS						
12 2113	SBM-1	(E)	HORIZONTAL BLINDS, METAL BLADE MATCH EXISTING	-	EXISTING STOREFRONT	PATCH IN NEW SECTIONS BASED ON NEW WALL LAYOUTS
FLOORING						
09 6816	CPT-1	TARKETT	THREAD CRAFT POWERBOND / 11569 SMOLDER 60804	-	PROVIDER OFFICE, ADMIN CONSULT	-
09 6500	SVNL-1	TARKETT	IQ OPTIMA COLOR: 862 WHITE	-	TYPICAL UNLESS NOTED OTHERWISE	STANDARD FIELD COLOR
09 6500	SVNL-3	TARKETT	IQ OPTIMA COLOR: 860 GREY SAND	-		ACCENT COLOR
TILE AND STONE						
09 3000	CT-1	UNITED TILE	ROYAL MOSA GLOBAL COLOR: 75050V (DK. GREY)	6 x 6	SEE FINISH PLAN	GROUT COLOR: GT-1 TYPICAL FLOOR TILE FOR TOILET ROOMS 3/A9.1
09 3000	CT-2	UNITED TILE	ROYAL MOSA GLOBAL COLOR: 16900 WHITE	6 x 6	TILE GOES UP TO 7'-2" AFF	GROUT COLOR: GT-2 TYPICAL WALL TILE FOR TOILET ROOMS 3/A9.1
09 3000	CT-3	UNITED TILE	ROYAL MOSA GLOBAL, BULLNOSE COLOR: 16900 WHITE	6 x 6	EDGE WALL TILE AT LOCATIONS WITH CT-2	GROUT COLOR: GT-2 TYPICAL EDGE TILE FOR TOILET ROOMS 3/A9.1
09 3000	CT-4	UNITED TILE	ROYAL MOSA GLOBAL. TILE WALL BASE COLOR: 75050V (DK. GREY)	6 x 6	TILE WALL BASE AT LOCATIONS WITH CT-1	GROUT COLOR: GT-1 TYPICAL TILE BASE FOR TOILET ROOMS 3/A9.1
BASE						
09 6500	VNLB-1	JOHNSONITE	COLOR: 63 BURNT UMBER	4" H	TYPICAL	-
09 6500	B-1	UNITED TILE	ROYAL MOSA GLOBAL COLOR: 75050V (DK. GREY) 6X6 COVE BASE	6" H	SEE FINISH PLAN	TO BE USED WITH CT-1
ACCESSORIES AND TRANSITIONS						
09 6500	TS-3	SCHLUTER	SCHIENE COLOR: STAINLESS STEEL	-	USED AT FLOOR TILE TO SVNL, AND SVNL TO CPT FLOOR TRANSITIONS	
CEILING						
09 5113	ACP-1	ARMSTRONG	ULTIMA 1910	24" x 24"	SEE CEILING PLAN	
PAINT						
09 9000	PNT-1	SHERWIN-WILLIAMS	#SW7119 VENETIAN LACE (BM #2153-70 IVORY TUSK)	-	TYPICAL WALL PAINT THROUGHOUT, UNO	-
09 9000	PNT-3	SHERWIN-WILLIAMS	#SW6414 RICE PADDY (BM #8090-27692 PALE SEA MIST)	-	ACCENT COLOR	-
09 9000	PNT-4	SHERWIN-WILLIAMS	#SW6225 SLEEPY BLUE (BM #8090-27693 GRANDE HALL)	-	ACCENT COLOR	-
09 9000	PNT-6	SHERWIN-WILLIAMS	#SW0042 RUSKIN ROOM GREEN (BM #8090-27695 GEORGIAN GREEN)	-	ACCENT COLOR	-
09 9000	PNT-10	SHERWIN-WILLIAMS	#SW7757 HIGH REFLECTIVE WHITE (BM #OC-65 CHANTILLY LACE)	-	TYPICAL CEILING PAINT THROUGHOUT, UNO	ADDITIONALLY LOCATE ON WALL SURFACE ABOVE RESTROOM WALL TILE
09 9000	PNT-11	SHERWIN-WILLIAMS	#SW7507 STONE LION (BM #8090-27700 OBELISK)	-	ACCENT COLOR	-
09 9000	PNT-14	SHERWIN-WILLIAMS	#SW6217 TOPSAIL	-	ACCENT COLOR	-
GROUT						
09 3000	GT-1	CUSTOM BUILDING PRODUCTS	185 NEW TAUPE	-	SEE FINISH PLAN	USE WITH CT-1
09 3000	GT-2	CUSTOM BUILDING PRODUCTS	381 BRIGHT WHITE	-	SEE FINISH PLAN	USE WITH CT-2

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INTERIOR FINISH SCHEDULE

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LIGHTING LEGEND

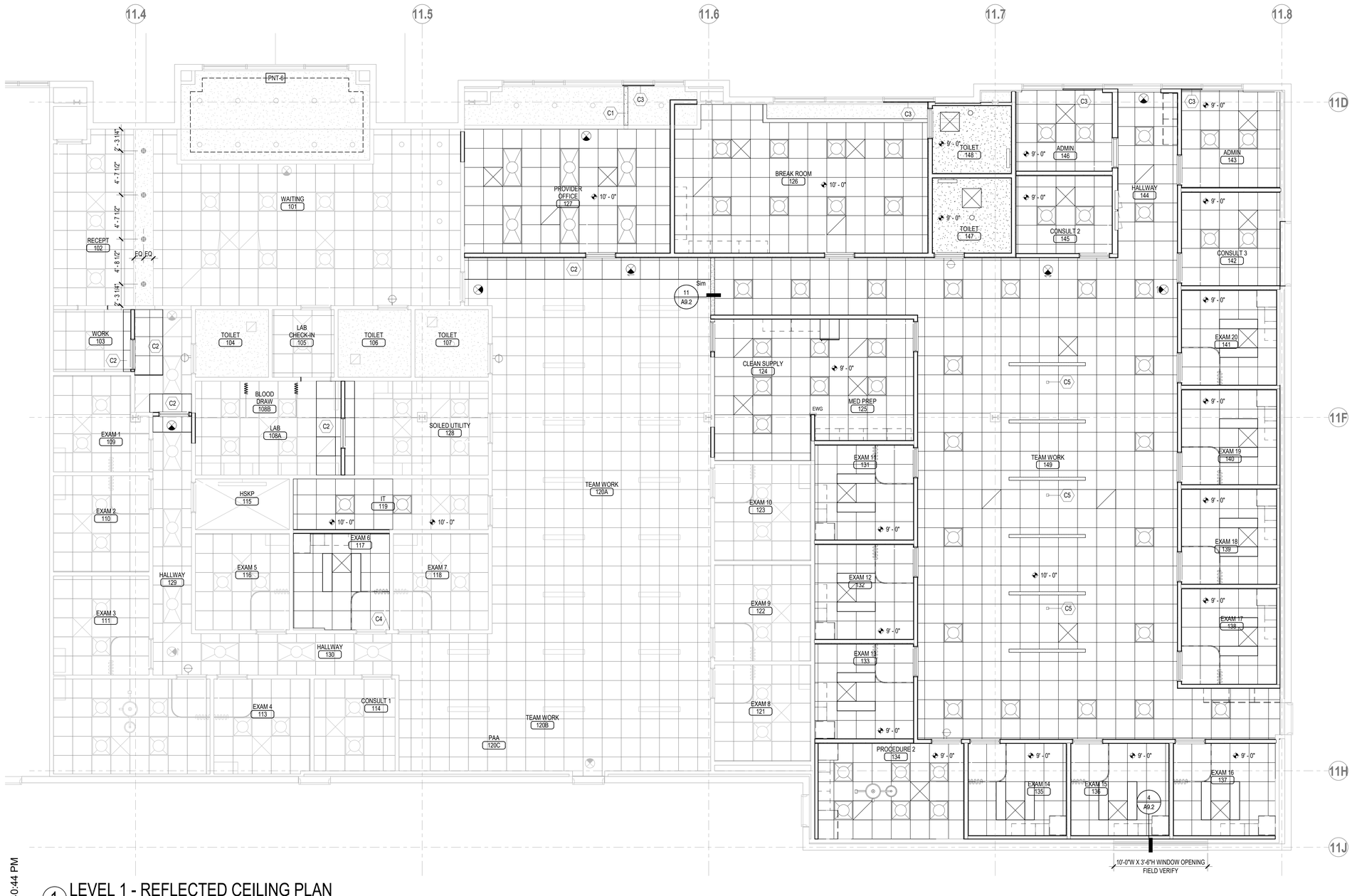
	2 x 2 FIXTURE		PENDANT
	2 x 4 FIXTURE		1 x 4 FIXTURE
	LINEAR SUSPENDED FIXTURE		PROCEDURE LIGHT FIXTURE
	VANITY FIXTURE - WALL MOUNT		NURSE CALL DOME LIGHT
	DOWN LIGHT - ROUND		RETURN AIR DIFFUSER
	CURTAIN AND TRACK SEE 9 / A9.2		SUPPLY AIR DIFFUSER

GENERAL NOTES

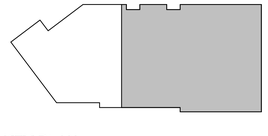
1. ALL CEILINGS TO BE 10'-0" HIGH, UNO.
2. EXISTING CEILING AND LIGHTING TO REMAIN, UNO.
3. NEW CEILING GRID SYSTEMS TO BE CENTERED IN ROOM, UNO.
4. SEE ELECTRICAL DRAWINGS FOR LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, SPEAKERS, NURSE CALL DOME LIGHTS, EXIT SIGNAGE, FIRE ALARM DEVICES, WALL AND CEILING MOUNTED LIGHTS, ETC.
5. VERIFY LOCATIONS AND SIZES OF MECHANICAL SUPPLY, RETURN AND EXHAUST WITH MECHANICAL DRAWINGS.
6. SPRINKLER HEADS SHALL ALIGN WITH LIGHT FIXTURE / MECHANICAL GRILLE AND/OR ELECTRICAL DEVICE CENTERLINE. SPRINKLER DESIGN SHALL BE DETERMINED BY A CERTIFIED FIRE PROTECTION ENGINEER. EXTENDED THROW HEADS SHALL BE SUBSTITUTED OR STANDARD HEADS SHALL BE ADDED IN LIEU OF RELOCATION OF MECHANICAL OR ELECTRICAL ITEMS.
7. ALL SPRINKLER LOCATIONS TO BE APPROVED BY ARCHITECT PRIOR TO SPRINKLER PERMIT APPLICATION AND INSTALLATION.
8. CONTRACTOR TO ENSURE THAT ACCESS PANELS (SEE SPECIFIED TYPE) ARE INSTALLED IN GYP CEILING, WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS MAY BE REQUIRED.
9. ALL GYP CEILING TO BE PAINTED PNT-10, UNO.
10. PROVIDE UNDER CABINET LIGHT AS SHOWN ON ELEVATIONS AND ELECTRICAL PLANS.
11. WHERE EXISTING LAY-IN CEILINGS ARE TO REMAIN, THE CONTRACTOR SHALL REPLACE ANY TILE THAT HAD BEEN DAMAGED WITH MATERIALS TO MATCH THE EXISTING FOR COLOR, TEXTURE, PATTERN, ETC. IF UNIFORMITY CANNOT BE ACHIEVED, THE CONTRACTOR SHALL REPLACE THE ENTIRE CEILING WITHIN THE SPACE WITH NEW MATERIAL.
12. DIMENSIONS ARE TO FACE OF FINISH OR TO CENTERLINE OR EDGE OF FIXTURE
13. ALL CEILING HEIGHT DIMENSIONS ARE TO BOTTOM OF SUSPENSION GRID OR FACE OF GYPSUM BOARD, UNLESS NOTED OTHERWISE.
14. CURTAIN TRACK AND HARDWARE IS BY CONTRACTOR CURTAIN/DRAPERY BY OWNER.
15. SUSPENDED ACOUSTIC CEILING GRID SYSTEMS TO MEET SEISMIC DESIGN REQUIREMENTS SHOWN IN DETAIL 6 / A9.2

KEYNOTES

C1	INFILL AND PATCH GYPSUM CEILING FLUSH WITH EXISTING SOFFIT
C2	NEW ACOUSTIC CEILING SYSTEM AND GRID TO MATCH EXISTING. TIE INTO EXISTING GRID SYSTEM
C3	PROVIDE NEW METAL BLADE BLINDS TO MATCH EXISTING, TOP OF BLINDS SURFACE MOUNT TO HORIZONTAL STOREFRONT MULLION AT 8'-0" AFF, FIELD VERIFY
C4	START NEW CEILING GRID SYSTEM AT CORNER
C5	FURNITURE SYSTEM POWER POLE, CUT & TRIM CEILING TIGHT TO POLE



1 LEVEL 1 - REFLECTED CEILING PLAN
1/4" = 1'-0"



KEY PLAN

PROJECT NORTH

0' 2' 4' 8' N

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LEVEL 1 REFLECTED CEILING PLAN

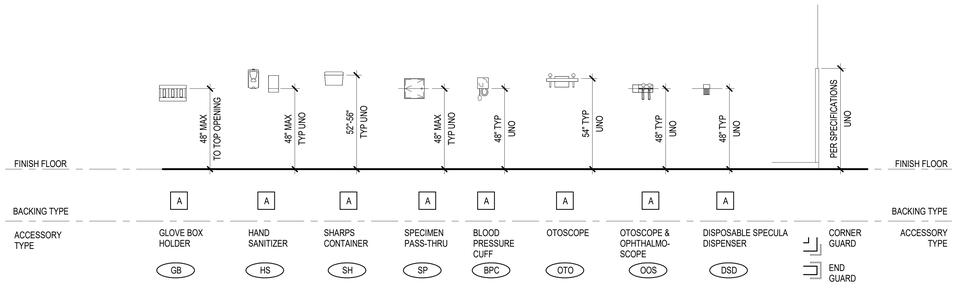
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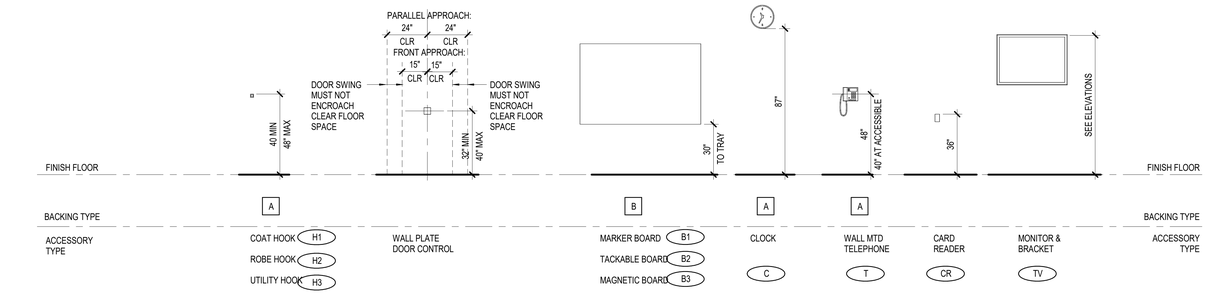
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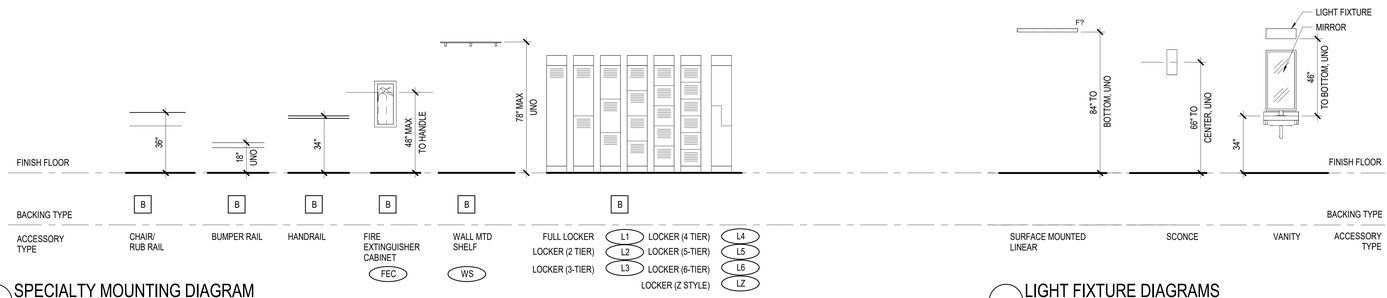
SHEET NOTES:

1. MOUNTING HEIGHT BASED ON ICC/ANSI A117.1-2017, WITH WASHINGTON AMENDMENTS
2. SEE 1&2/A9.2 FOR BACKING DETAILS
3. ANY COMPONENTS NOTED WITHOUT MOUNTING DETAIL - USE MANUFACTURERS RECOMENDATION
4. ANY DISCREPANCIES BETWEEN DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT
5. ITEMS DASHED ON PLAN ARE FUNITURE AND EQUIPMENT PURCHASED AND INSTALLED BY THE OWNER, UNLESS OTHERWISE NOTED. THEY ARE ON PLANS FOR REFERENCE AND COORDINATION ONLY



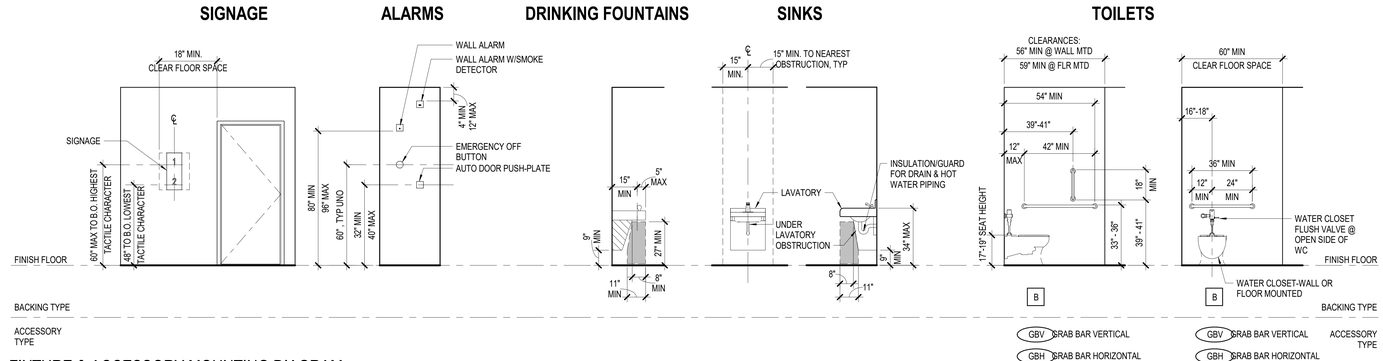
SPECIALTY MOUNTING DIAGRAM
3/8" = 1'-0"



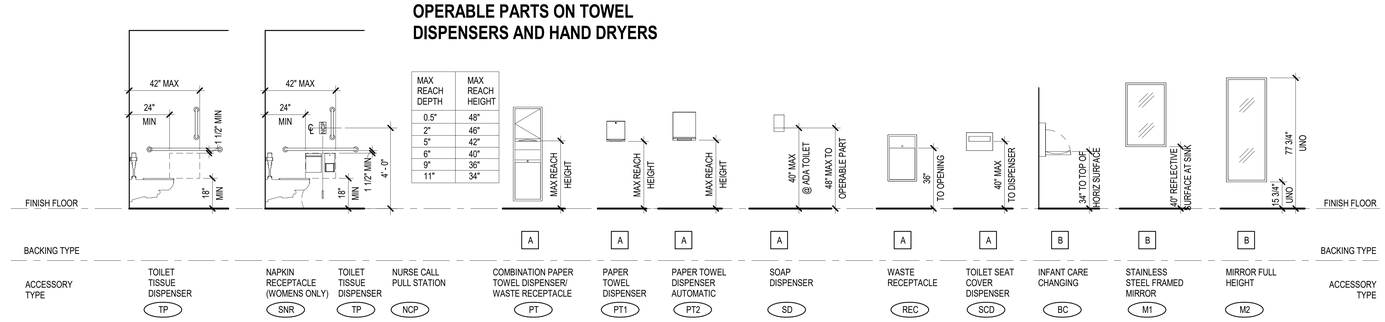


SPECIALTY MOUNTING DIAGRAM
3/8" = 1'-0"

LIGHT FIXTURE DIAGRAMS
3/8" = 1'-0"



FIXTURE & ACCESSORY MOUNTING DIAGRAM
3/8" = 1'-0"



ACCESSORY MOUNTING DIAGRAM
3/8" = 1'-0"

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COMMERCIAL MOUNTING DIAGRAM

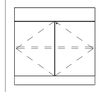
A6.1

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BASE CABINET LEGEND

100 — CABINET TYPE
24"W — CABINET WIDTH (IN INCHES)
30"H — CABINET HEIGHT (IN INCHES)
24"D — CABINET DEPTH (IN INCHES)

BASE CABINET NOTES:
1. CABINET HEIGHT INCLUDES COUNTERTOP HEIGHT, SEE FINISH SCHEDULE AND CASEWORK DETAIL FOR COUNTERTOP DETAIL.
2. SEE FINISH PLAN AND FINISH SCHEDULE FOR CABINET BASE HEIGHT.
3. REFER TO PLAN AND ELEVATIONS FOR CABINETS THAT REQUIRE CUT-OUTS FOR SINK.
4. REFER TO SPECS FOR ADDITIONAL INFO.

TYPE	CABINET ELEVATION	DESCRIPTION	TYPE	CABINET ELEVATION	DESCRIPTION	TYPE	CABINET ELEVATION	DESCRIPTION	TYPE	CABINET ELEVATION	DESCRIPTION
223		BASE CABINET WITH TWO DRAWERS, SEE DETAIL - / ---	211		BASE CABINET WITH ONE BOTTOM DRAWER AND OPEN SHELF FOR APPLIANCES, SEE DETAIL 16 / A9.1	152		BASE CABINET WITH APRON, HINGED DOUBLE DOORS, WITH LOCK, SEE DETAIL 11 / A9.1 NO DOOR PULLS AT SINK LOCATIONS	101		BASE CABINET WITH HINGED SINGLE DOOR, ONE ADJUSTABLE SHELF PER CABINET, SEE DETAIL 1 / A9.1
253		BASE CABINET WITH THREE DRAWERS, SEE DETAIL 21 / A9.1				151		BASE CABINET WITH APRON, HINGED SINGLE DOOR WITH LOCK, SEE SIM DETAIL 11 / A9.1 NO DOOR PULLS AT SINK LOCATION.	102		BASE CABINET WITH HINGED DOUBLE DOORS, ONE ADJUSTABLE SHELF PER CABINET, SEE DETAIL 1 / A9.1
254		BASE CABINET WITH FOUR DRAWERS, SEE DETAIL 2 / A9.1									

TALL CABINET SCHEDULE

400 — CABINET TYPE
24"W — CABINET WIDTH (IN INCHES)
84"H — CABINET HEIGHT (IN INCHES)
24"D — CABINET DEPTH (IN INCHES)

TALL CABINET NOTES:
1. VERIFY DETAIL FOR CEILING SOFFIT IF CLOSURE PANELS ARE REQUIRED.
2. WHEN LOCATED NEXT TO A COUNTER, VERIFY DEPTH IF REQUIRED TO BE ALIGNED WITH COUNTER.
3. VERIFY NUMBER OF SHELVING REQUIRED, IF ANY.
4. REFER TO SPECS FOR ADDITIONAL INFO.

UPPER CABINET LEGEND

300 — CABINET TYPE
24"W — CABINET WIDTH (IN INCHES)
30"H — CABINET HEIGHT (IN INCHES)
15"D — CABINET DEPTH (IN INCHES)

UPPER CABINET NOTES:
1. TOP OF UPPER CABINET TO BE INSTALLED AT 7'-0" A.F.F. UNLESS NOTED OTHERWISE.
2. CABINET HEIGHT DOES NOT INCLUDE VALANCE HEIGHT.
3. SEE CASEWORK DETAILS FOR HEIGHT OF VALANCE, IF ANY
4. VERIFY DEPTH CLEARANCE FOR BINDER STORAGE IF REQUIRED BY OWNER.
5. REFER TO SPECS FOR ADDITIONAL INFO.

TYPE	CABINET ELEVATION	DESCRIPTION	TYPE	CABINET ELEVATION	DESCRIPTION	TYPE	CABINET ELEVATION	DESCRIPTION	TYPE	CABINET ELEVATION	DESCRIPTION
456		TALL CABINET WITH HINGED SINGLE UPPER AND LOWER DOOR, ADJUSTABLE SHELVES, AND GLOVE PORTS, AND PRINTER OPENING, SEE DETAIL 4 / A9.1	402		TALL CABINET WITH HINGED DOUBLE DOORS, ADJUSTABLE SHELVES, SEE DETAIL 9 / A9.1	401		TALL CABINET WITH HINGED SINGLE DOOR, ADJUSTABLE SHELVES, SEE DETAIL 9 / A9.1	301		UPPER CABINET WITH HINGED SINGLE DOOR, ONE ADJUSTABLE SHELF PER CABINET, LIGHT VALANCE, IF ANY. SEE DETAIL 7 / A9.1
									302		UPPER CABINET WITH HINGED DOUBLE DOORS, ONE ADJUSTABLE SHELF PER CABINET, LIGHT VALANCE, IF ANY. SEE DETAIL 7 / A9.1

6/3/2026 2:48:37 PM

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Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION
521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE Valley
VALLEY MEDICAL CENTER

Consultant:

Mark	Date	Description
	5/08/2026	PRICING DOCUMENTS
	5/15/2026	90% CD REVIEW
	6/04/2026	BID & PERMIT

Project No: VALL01.25.057

Issue Date: 6/04/2026

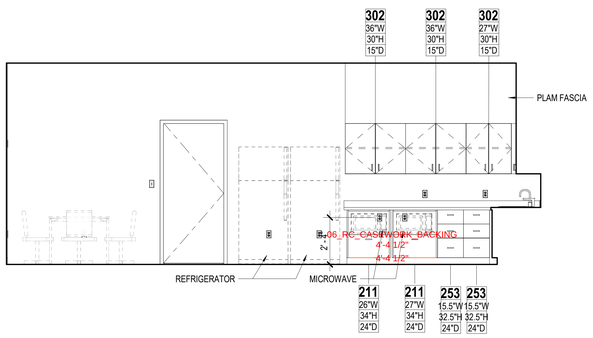
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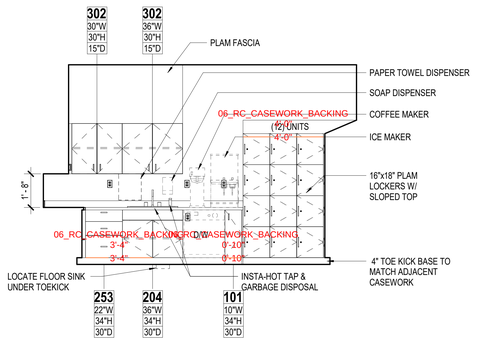
CASEWORK LEGEND

A6.2

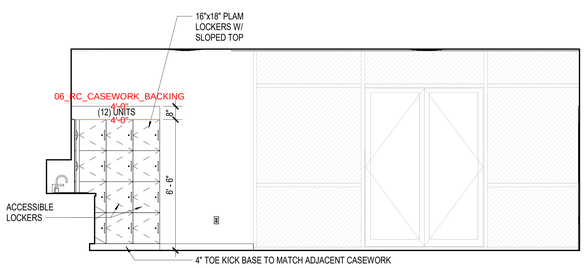
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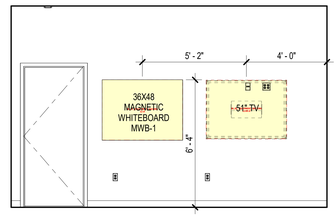
19 BREAK ROOM - SOUTH
3/8" = 1'-0"



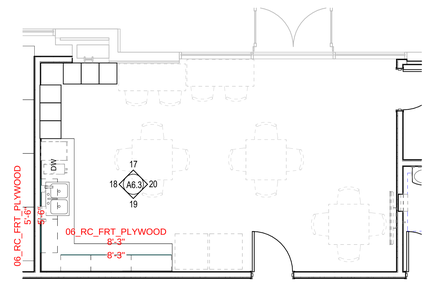
18 BREAK ROOM - WEST
3/8" = 1'-0"



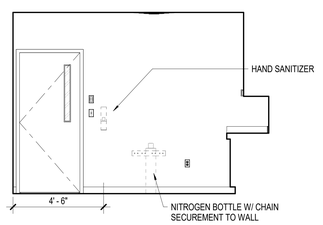
17 BREAK ROOM - NORTH
3/8" = 1'-0"



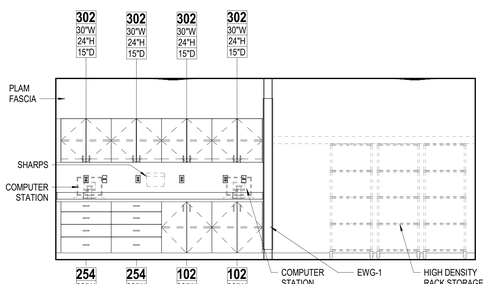
20 BREAK ROOM - EAST
3/8" = 1'-0"



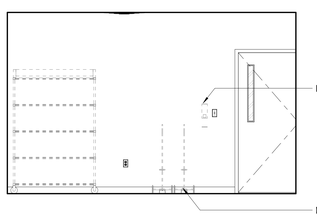
16 FLOOR PLAN - BREAK ROOM
1/4" = 1'-0"



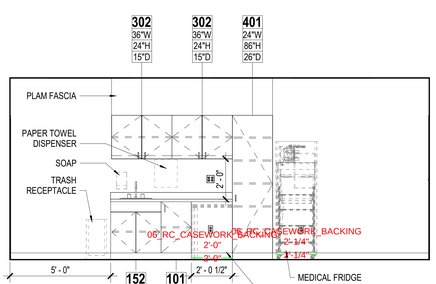
15 CLEAN SUPPLY / MED - EAST
3/8" = 1'-0"



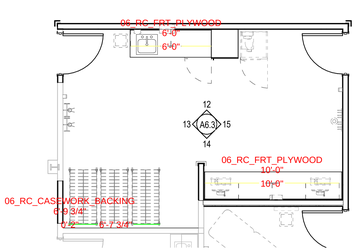
14 CLEAN SUPPLY / MED - SOUTH
3/8" = 1'-0"



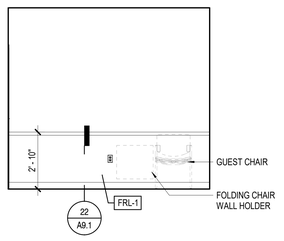
13 CLEAN SUPPLY / MED - WEST
3/8" = 1'-0"



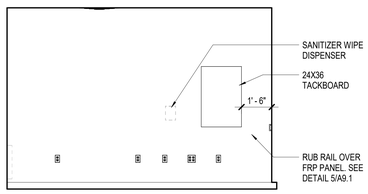
12 CLEAN SUPPLY / MED - NORTH
3/8" = 1'-0"



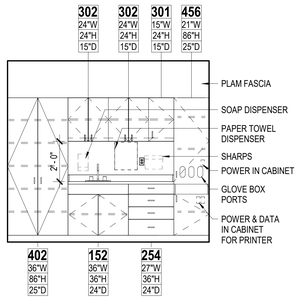
11 FLOOR PLAN - CLEAN SUPPLY / MED
1/4" = 1'-0"



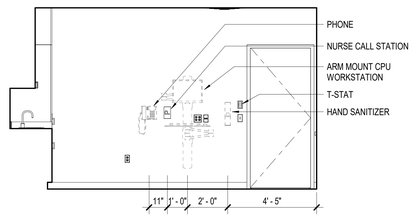
10 PROCEDURE - EAST
3/8" = 1'-0"



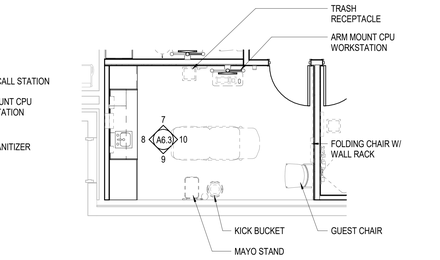
9 PROCEDURE - SOUTH
3/8" = 1'-0"



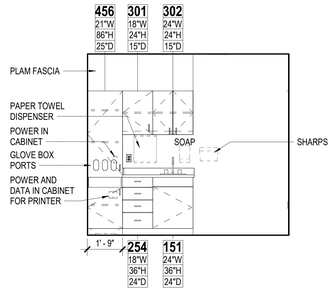
8 PROCEDURE - WEST
3/8" = 1'-0"



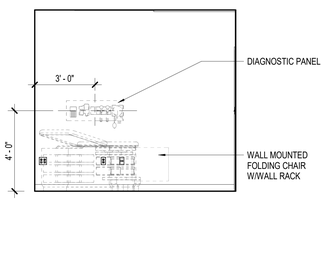
7 PROCEDURE - NORTH
3/8" = 1'-0"



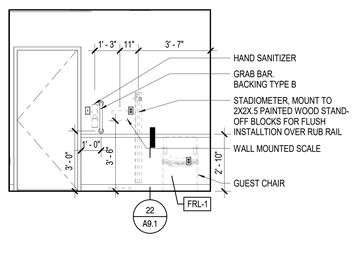
6 FLOOR PLAN - PROCEDURE
1/4" = 1'-0"



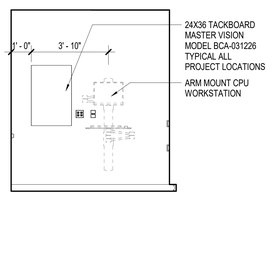
5 TYPICAL EXAM - EAST
3/8" = 1'-0"



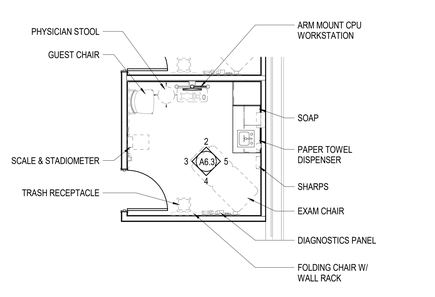
4 TYPICAL EXAM - SOUTH
3/8" = 1'-0"



3 TYPICAL EXAM - WEST
3/8" = 1'-0"



2 TYPICAL EXAM - NORTH
3/8" = 1'-0"



1 FLOOR PLAN - TYPICAL EXAM
1/4" = 1'-0"

0' 4' 8' 16'

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Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE Valley
VALLEY MEDICAL CENTER

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Project No: VALL01.25.057
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INTERIOR ELEVATIONS

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Project:

KENT STATION CLINIC EXPANSION

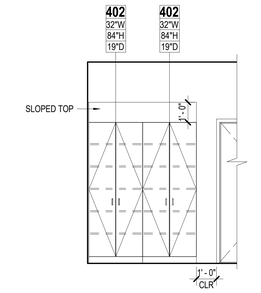
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KENT, WA 98032

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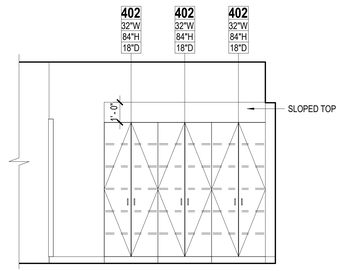
WE ARE Valley
VALLEY MEDICAL CENTER

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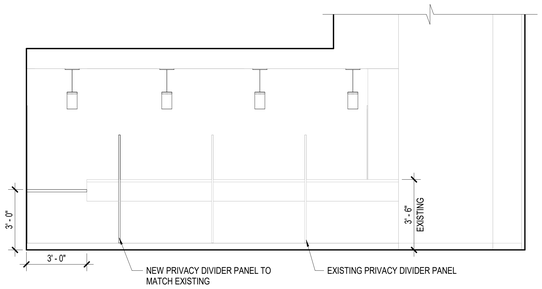
15 HALLWAY 144 - EAST
3/8" = 1'-0"



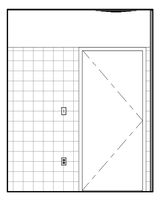
14 DME STORAGE NORTH
3/8" = 1'-0"

13 RECEPTION - LOWER TRANSACTION TOP
3/8" = 1'-0"

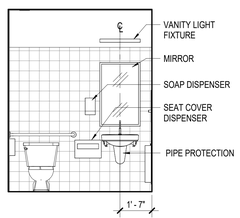
12 RECEPT - EAST
3/8" = 1'-0"



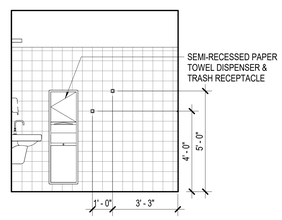
11 WAITING - WEST
3/8" = 1'-0"



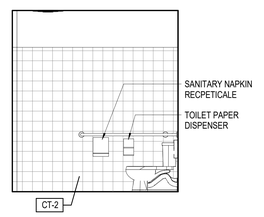
10 STAFF TOILET - WEST
3/8" = 1'-0"



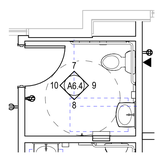
9 STAFF TOILET - EAST
3/8" = 1'-0"



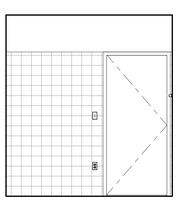
8 STAFF TOILET - SOUTH
3/8" = 1'-0"



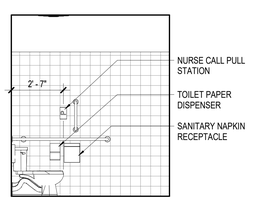
7 STAFF TOILET - NORTH
3/8" = 1'-0"



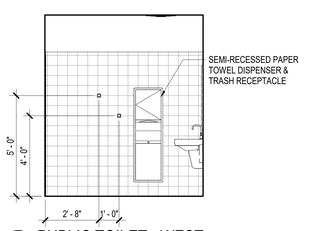
6 ENLARGED - STAFF TOILET
1/4" = 1'-0"



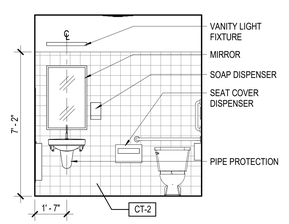
5 PUBLIC TOILET - SOUTH
3/8" = 1'-0"



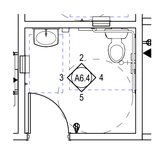
4 PUBLIC TOILET - EAST
3/8" = 1'-0"



3 PUBLIC TOILET - WEST
3/8" = 1'-0"



2 PUBLIC TOILET - NORTH
3/8" = 1'-0"



1 ENLARGED - PUBLIC TOILET
1/4" = 1'-0"

0' 4' 8' 16'

Project No: VALL01.25.057
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Seal:

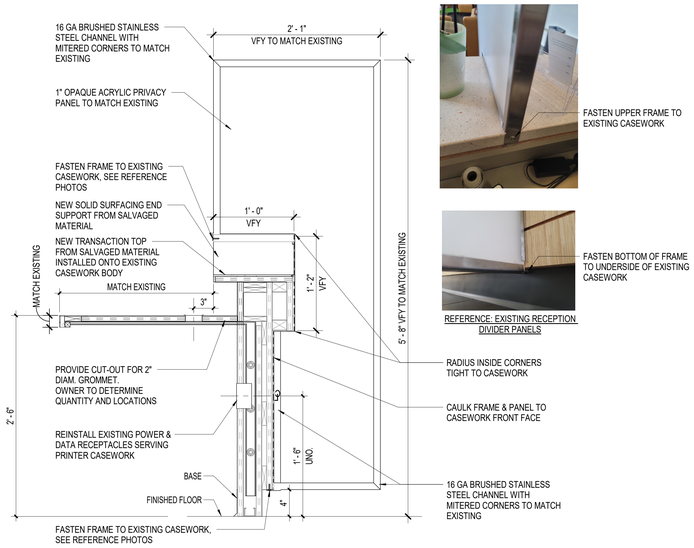
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INTERIOR ELEVATIONS

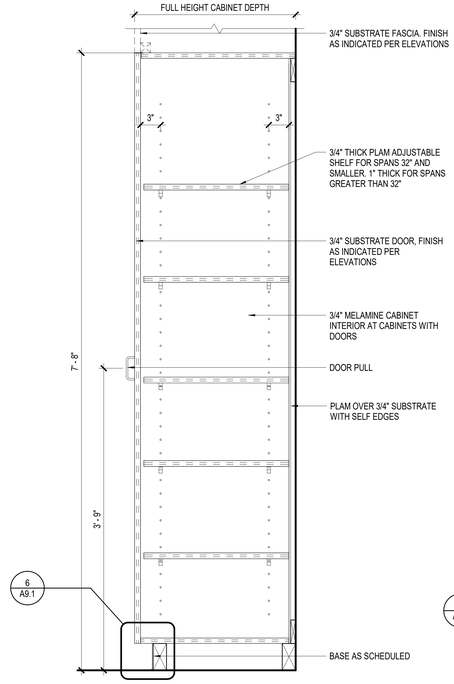
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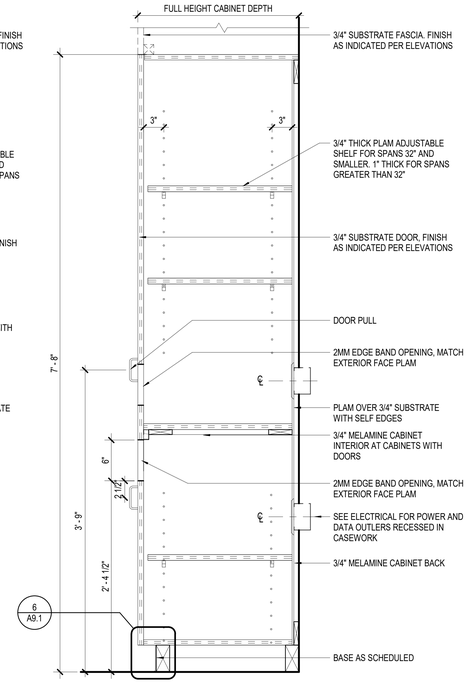
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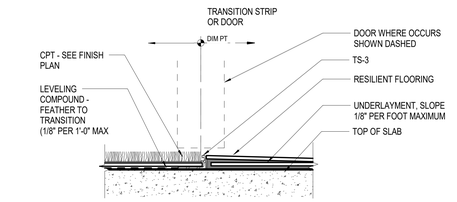
14 RECEPTION DESK SECTION
1 1/2" = 1'-0"



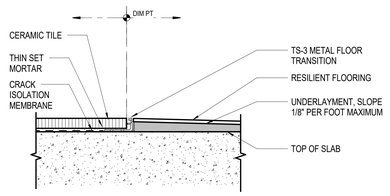
9 FULL HEIGHT CABINET - WITH DOOR
1 1/2" = 1'-0"



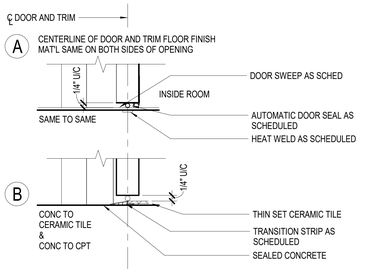
4 FULL HEIGHT CABINET - PRINTER & GLOVE CUBBY
1 1/2" = 1'-0"



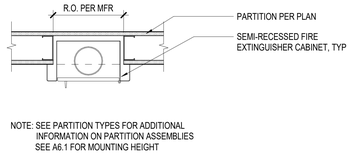
23 CARPET TO RESILIENT FLOORING
6" = 1'-0"



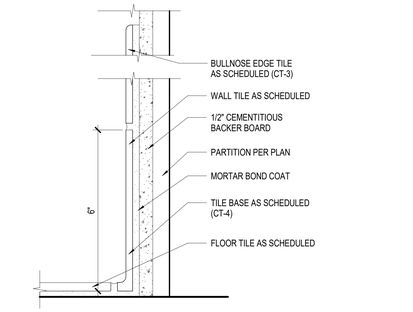
18 TILE TO RESILIENT FLOORING
6" = 1'-0"



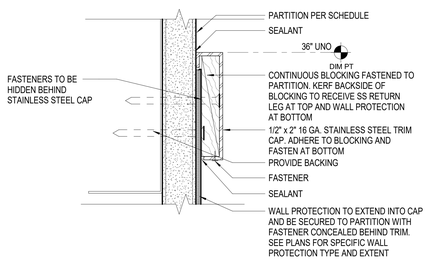
13 FLOOR TRANSITION DETAILS
3" = 1'-0"



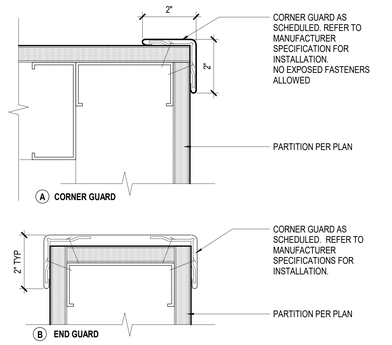
8 FIRE EXTINGUISHER CAB - SEMI RECESSED
1 1/2" = 1'-0"



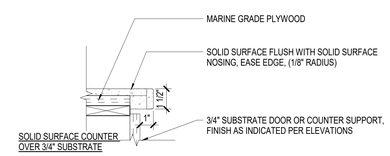
3 CERAMIC TILE BASE AND TOP CAP
6" = 1'-0"



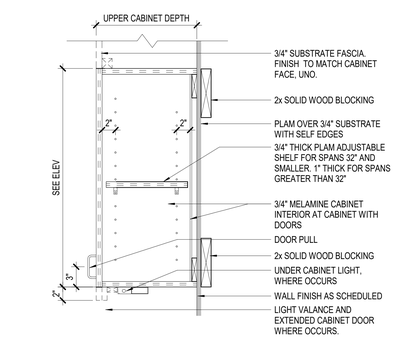
22 STAINLESS STEEL RUB RAIL
12" = 1'-0"



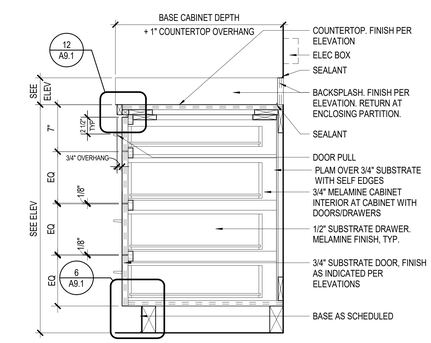
17 CORNER & END GUARD
6" = 1'-0"



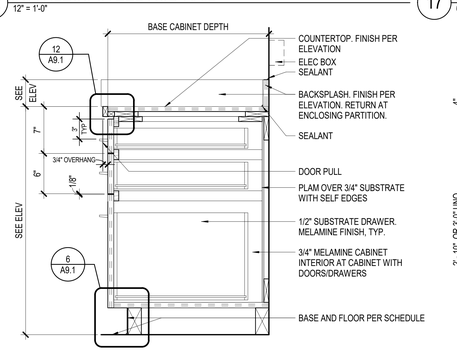
12 COUNTERTOP EDGE DETAIL
3" = 1'-0"



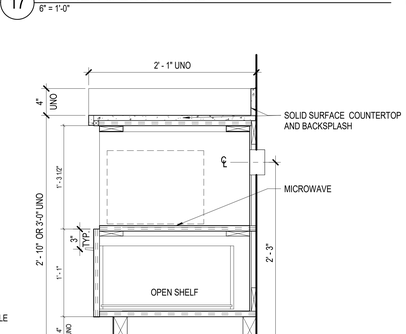
7 UPPER CABINET - WITH DOOR
1 1/2" = 1'-0"



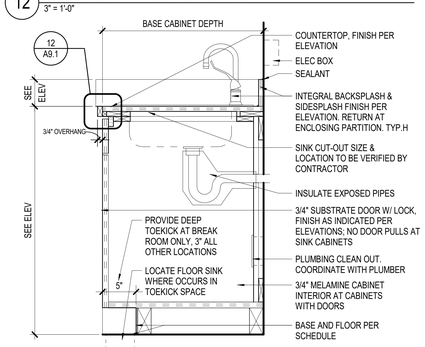
2 BASE CABINET - W/ 4 DRAWERS
1 1/2" = 1'-0"



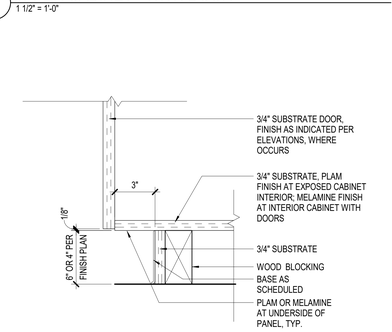
21 BASE CABINET - W/ 3 DRAWERS
1 1/2" = 1'-0"



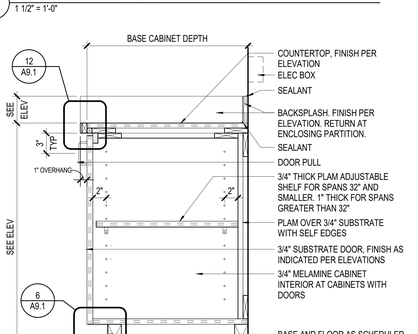
16 BASE CABINET WITH MICROWAVE
1 1/2" = 1'-0"



11 BASE SINK CABINET - WITH APRON
1 1/2" = 1'-0"



6 TOE KICK DETAIL
3" = 1'-0"



1 BASE CABINET - WITH DOOR
1 1/2" = 1'-0"

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Mark	Date	Description
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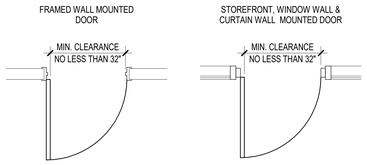
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INTERIOR DETAILS

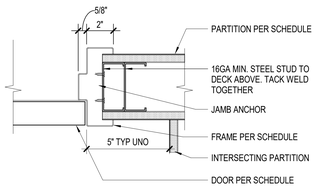
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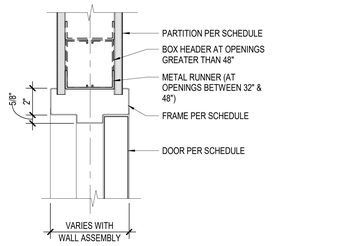
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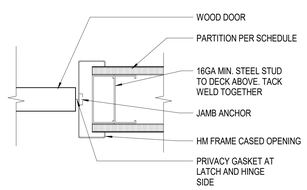
15 MINIMUM CLEAR OPENING DIAGRAM
1/2" = 1'-0"



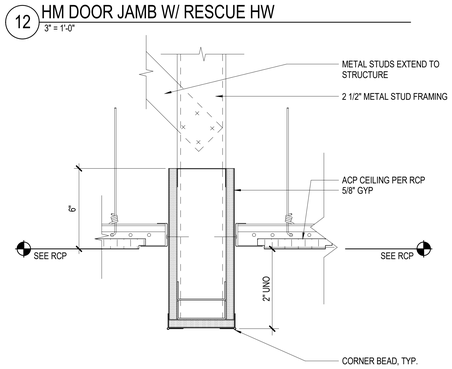
14 HOLLOW METAL JAMB
3" = 1'-0"



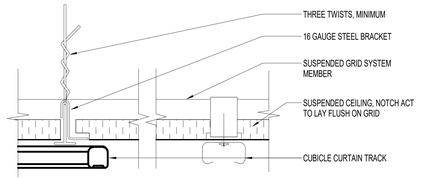
13 HOLLOW METAL HEAD
3" = 1'-0"



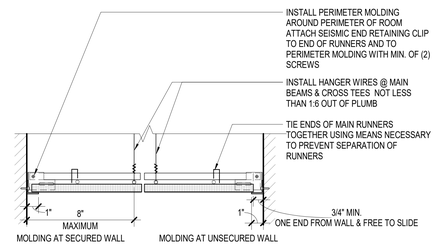
12 HM DOOR JAMB W/ RESCUE HW
3" = 1'-0"



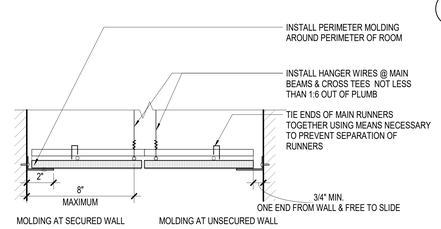
11 GWB SOFFIT HEADER
3" = 1'-0"



9 CURTAIN TRACK AT CEILING
6" = 1'-0"

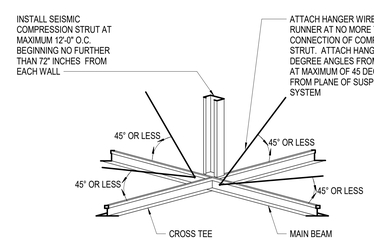


ALTERNATE SEISMIC PERIMETER SUPPORT ASSEMBLY



CONVENTIONAL SEISMIC PERIMETER SUPPORT ASSEMBLY

(TO BE USED IF SEISMIC CLIPS NOT APPROVED BY AHJ)



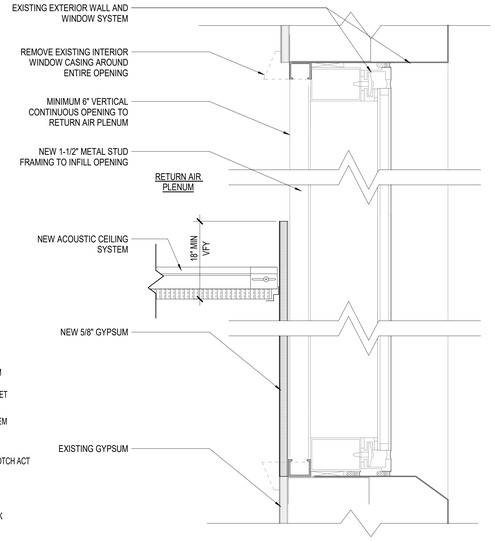
SEISMIC LATERAL-FORCE BRACING DETAIL

ATTACH HANGER WIRES TO RUNNERS AND STRUCTURE ABOVE TO SUPPORT THE DESIGN LOAD OF 250 LBS OR THE ACTUAL LOAD WITH A SAFETY FACTOR OF 2, WHICHEVER IS GREATER

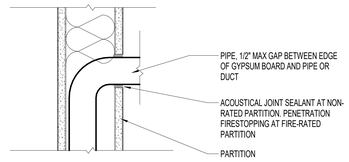
NOTES:

1. COMPLY WITH MANUFACTURES' INSTRUCTIONS AND WITH MOST STRINGENT REQUIREMENTS OF ASCE 7, ASTM C636 AND ASTM E580.
2. COMPLY WITH REQUIREMENTS OF ASCE 7 AND ASTM E580 FOR CEILING AREA LIMITATIONS FOR LATERAL-FORCE BRACING AND SEISMIC SEPARATION JOINTS.
3. USE INSTALLATION METHOD INDICATED IN ALTERNATE PERIMETER SUPPORT ASSEMBLY DETAIL IF ACCEPTABLE TO AHJ. IF NOT ACCEPTABLE TO AHJ, USE CONVENTIONAL SEISMIC PERIMETER SUPPORT ASSEMBLY DETAIL.
4. CONTRACTOR TO CONFIRM IN PRE-CONFERENCE MEETING IF SPECIAL INSPECTION IS REQUIRED FOR CEILING SYSTEM.
5. FOR COMPRESSION STRUT SIZING REFERENCE TABLE IN NORTHWEST WALL AND CEILING BUREAU'S TECHNICAL BULLETIN 401 OR OTHER REFERENCE STANDARDS PROVIDED BY AHJ.

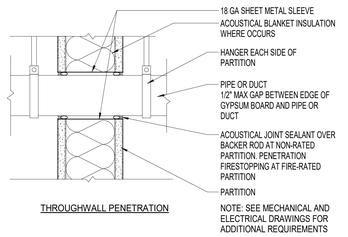
6 SUSPENDED APC SEISMIC BRACING DETAIL
3" = 1'-0"



4 FURRING AT EXISTING WINDOW OPENING
3" = 1'-0"



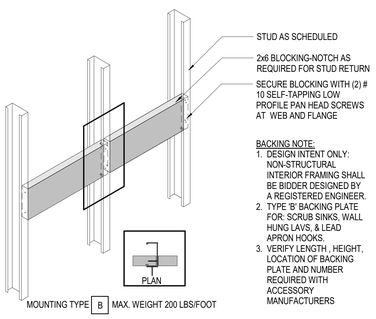
MEMBRANE PENETRATION



THROUGHWALL PENETRATION

NOTE: SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS

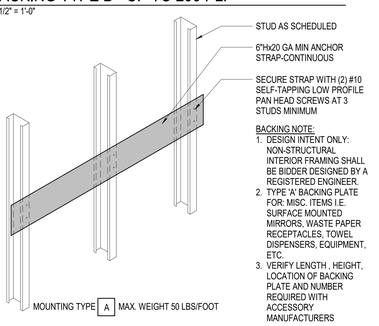
3 PARTITION PENETRATION @ ACOUSTIC PARTITIONS
3" = 1'-0"



BACKING NOTE:
1. DESIGN INTENT ONLY: NON-STRUCTURAL INTERIOR FRAMING SHALL BE BIDDER DESIGNED BY A REGISTERED ENGINEER.
2. TYPE 'B' BACKING PLATE FOR: SCRUB SINKS, WALL HUNG LAVS. & LEAD APRON HOOKS.
3. VERIFY LENGTH , HEIGHT, LOCATION OF BACKING PLATE AND NUMBER REQUIRED WITH ACCESSORY MANUFACTURERS

MOUNTING TYPE B MAX. WEIGHT 200 LBS/FOOT

2 BACKING TYPE B - UP TO 200 PLF
1 1/2" = 1'-0"



BACKING NOTE:
1. DESIGN INTENT ONLY: NON-STRUCTURAL INTERIOR FRAMING SHALL BE BIDDER DESIGNED BY A REGISTERED ENGINEER.
2. TYPE 'A' BACKING PLATE FOR: MISC. ITEMS I.E. SURFACE MOUNTED MIRRORS, WASTE PAPER RECEPTACLES, TOWEL DISPENSERS, EQUIPMENT, ETC.
3. VERIFY LENGTH , HEIGHT, LOCATION OF BACKING PLATE AND NUMBER REQUIRED WITH ACCESSORY MANUFACTURERS

MOUNTING TYPE A MAX. WEIGHT 50 LBS/FOOT

1 BACKING TYPE A - UP TO 50 PLF
1 1/2" = 1'-0"

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INTERIOR DETAILS

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GENERAL NOTES

THESE GENERAL NOTES ARE TO BE USED AS A SUPPLEMENT TO THE SPECIFICATIONS. ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, THE SPECIFICATIONS, THESE GENERAL NOTES AND THE SITE CONDITIONS SHALL BE REPORTED TO THE ARCHITECT, WHO SHALL CORRECT SUCH DISCREPANCY IN WRITING. ANY WORK DONE BY THE GENERAL CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE GENERAL CONTRACTOR'S RISK. THE GENERAL CONTRACTOR SHALL VERIFY AND COORDINATE DIMENSIONS AMONG ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. THE STRUCTURE HAS BEEN DESIGNED TO RESIST CODE SPECIFIED VERTICAL AND LATERAL FORCES AFTER THE CONSTRUCTION OF ALL STRUCTURAL ELEMENTS HAS BEEN COMPLETED. STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THIS RESPONSIBILITY INCLUDES BUT IS NOT LIMITED TO JOB SITE SAFETY; ERECTION MEANS, METHODS, AND SEQUENCES; TEMPORARY SHORING, FORMWORK, BRACING; USE OF EQUIPMENT AND CONSTRUCTION PROCEDURES. PROVIDE ADEQUATE RESISTANCE TO LOADS ON THE STRUCTURES DURING CONSTRUCTION PER SEI/ASCE STANDARD NO. 37-14 "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION."

CONSTRUCTION OBSERVATION BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE WITH DESIGN ASPECTS ONLY AND IS NOT INTENDED IN ANY WAY TO REVIEW THE CONTRACTOR'S CONSTRUCTION PROCEDURES.

STANDARDS
ALL METHODS, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2021 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION.

CONTRACT DRAWINGS / DIMENSIONS

ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. CONSULTANT DRAWINGS BY OTHER DISCIPLINES ARE SUPPLEMENTARY TO ARCHITECTURAL DRAWINGS. REPORT DIMENSIONAL OMISSIONS OR DISCREPANCIES BETWEEN ARCHITECTURAL DRAWINGS AND STRUCTURAL, MECHANICAL, ELECTRICAL OR CIVIL DRAWINGS TO ARCHITECT PRIOR TO PROCEEDING WITH WORK.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. PRIMARY STRUCTURAL ELEMENTS ARE DIMENSIONED ON STRUCTURAL PLANS AND DETAILS AND OVERALL LAYOUT OF STRUCTURAL PORTION OF WORK. SOME SECONDARY ELEMENTS ARE NOT DIMENSIONED, SUCH AS WALL CONFIGURATIONS, INCLUDING EXACT DOOR AND WINDOW LOCATIONS, ALCOVES, SLAB SLOPES AND DEPRESSIONS, CURBS, ETC. VERTICAL DIMENSIONAL CONTROL IS DEFINED BY ARCHITECTURAL WALL SECTIONS AND BUILDING SECTIONS. STRUCTURAL DETAILS SHOW DIMENSIONAL RELATIONSHIPS TO CONTROL DIMENSIONS DEFINED BY ARCHITECTURAL DRAWINGS. DETAILING AND SHOP DRAWING PRODUCTION FOR STRUCTURAL ELEMENTS WILL REQUIRE DIMENSIONAL INFORMATION CONTAINED IN **BOTH** ARCHITECTURAL AND STRUCTURAL DRAWINGS.

LATERAL FORCE RESISTING SYSTEM:
THE SCOPE OF THIS PROJECT IS A TENANT IMPROVEMENT THAT DOES NOT IMPACT THE EXISTING LATERAL FORCE RESISTING SYSTEM ELEMENTS AND THE LOADS IT RESISTS. CHANGES TO THE LFRS ARE NOT PROPOSED.

WIND:

THE BUILDING MEETS THE CRITERIA TO USE THE "ENCLOSED, PARTIALLY ENCLOSED, AND OPEN BUILDING OF ALL HEIGHTS PROCEDURE" PER ASCE 7-16.

- EXPOSURE CATEGORY = B
- BASIC WIND SPEED, (3 SEC. GUST), V_{ULT} = [redacted] MPH
- RISK CATEGORY PER IBC TABLE 1604.5 [redacted]
- TOPOGRAPHIC FACTOR K_{ZT} = 1.0
- INTERNAL PRESSURE COEFFICIENT (ENCLOSED) = ± 0.18

SEISMIC: (ASCE 7-16 CHAPTER 13 SEISMIC LOADS ON NON-STRUCTURAL COMPONENTS)

ANCHORAGE FORCES:

$$F_P = \frac{0.4a_p S_{DS} W_P}{\left(\frac{R_P}{I_P}\right)} \left(1+2\frac{Z}{h}\right)$$

F_P MAXIMUM = 1.6S[redacted]W_P
OR
F_P MINIMUM = 3.0S[redacted]W_P

SEISMIC IMPORTANCE FACTOR [redacted] = 1.0
RISK CATEGORY OF BUILDING PER IBC TABLE 1604.5 [redacted]
SPECTRAL RESPONSE ACCELERATIONS S_S = 1.339 & S_1 = 0.458
SITE CLASS PER TABLE 20.3-1 = D (DEFAULT)
DESIGN SPECTRAL RESPONSE ACCELERATIONS S_{DS} = 1.071
SEISMIC DESIGN CATEGORY = D

PIPES, DUCTS AND MECHANICAL EQUIPMENT SUPPORTED OR BRACED FROM STRUCTURE SHALL CONFORM TO SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION, INC. PUBLICATION "SEISMIC RESTRAINT MANUAL: GUIDELINES FOR MECHANICAL SYSTEMS". SPRINKLER LINE ATTACHMENTS SHALL CONFORM TO NFPA PAMPHLET 13.

FOUNDATION DESIGN CRITERIA

ALLOWABLE SOIL BEARING PRESSURE: 1500 PSF (ASSUMED)

ALL SLABS SHALL BEAR ON FIRM, UNDISTURBED EARTH OR "STRUCTURAL BACKFILL". NATIVE EARTH BEARING SHALL BE SURFACE COMPACTED. AREAS OVER-EXCAVATED SHALL BE BACKFILLED WITH CONTROLLED DENSITY FILL OR "STRUCTURAL BACKFILL". AREAS DESIGNATED "STRUCTURAL BACKFILL" SHALL BE FILLED WITH APPROVED WELL-GRADED BANKRUN MATERIAL. MAXIMUM SIZE OF ROCK 4". FROZEN SOIL, ORGANIC MATERIAL AND DELETERIOUS MATTER NOT ALLOWED. COMPACT TO AT LEAST 95% OF ITS MAXIMUM DENSITY AS DETERMINED BY ASTM D1557. CONTRACTOR SHALL EXERCISE EXTREME CARE DURING EXCAVATION TO AVOID DAMAGE TO BURIED LINES, TANKS, AND OTHER CONCEALED ITEMS. UPON DISCOVERY, DO NOT PROCEED WITH WORK UNTIL RECEIVING WRITTEN INSTRUCTIONS FROM ARCHITECT. A COMPETENT REPRESENTATIVE OF THE OWNER SHALL INSPECT ALL FOOTING EXCAVATIONS FOR SUITABILITY OF BEARING SURFACES PRIOR TO PLACEMENT OF REINFORCING STEEL. PROVIDE DRAINAGE AND DEWATERING AROUND ALL WORK TO AVOID WATER-SOFTENED FOOTINGS.

CONCRETE

CAST-IN-PLACE CONCRETE

CODES, SPECIFICATIONS, AND STANDARDS. CONCRETE WORK SHALL CONFORM TO THE FOLLOWING CODES, SPECIFICATIONS, AND STANDARDS, AND THE STANDARDS AND SPECIFICATIONS THEY REFERENCE. THE CONTRACTOR SHALL OBTAIN AND HAVE READILY AVAILABLE ON SITE THE LATEST VERSION OF THE "ACI MANUAL OF CONCRETE PRACTICE":

ACI:
1. ACI-117 'SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS AND COMMENTARY'.
2. ACI-301 'SPECIFICATIONS FOR CONCRETE CONSTRUCTION'.
3. ACI-302.1 'GUIDE TO CONCRETE FLOOR AND SLAB CONSTRUCTION'.
4. ACI-304 'GUIDE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE'.
5. ACI-305.1 'SPECIFICATIONS FOR HOT WEATHER CONCRETING'.
6. ACI-306.1 'STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING'.
7. ACI-308.1 'STANDARD SPECIFICATION FOR CURING CONCRETE'.
8. ACI-309 'GUIDE FOR CONSOLIDATION OF CONCRETE'.
9. ACI-311.4 'GUIDE FOR CONCRETE INSPECTION'.
10. ACI-315 'GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS'.
11. ACI-318 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE'.
12. ACI-506.2 'SPECIFICATION FOR SHOTCRETE'.
13. ACI 347 'GUIDE TO FORMWORK FOR CONCRETE'.
14. ACI 303 'GUIDE TO CAST-IN-PLACE ARCHITECTURAL CONCRETE PRACTICE'.

ASTM:
1. ASTM C33 'STANDARD SPECIFICATION FOR CONCRETE AGGREGATES'.
2. ASTM C94 'STANDARD SPECIFICATION FOR READY-MIX CONCRETE'.
3. ASTM C150 'STANDARD SPECIFICATION FOR PORTLAND CEMENT'.
4. ASTM C260 'STANDARD SPECIFICATION FOR AIR-ENTRAINED ADMIXTURES FOR CONCRETE'.
5. ASTM C309 'STANDARD SPECIFICATION FOR LIQUID MEMBRANE-FORMING COMPOUNDS FOR CURING CONCRETE'.
6. ASTM C494 'STANDARD SPECIFICATION FOR CHEMICAL ADMIXTURES FOR CONCRETE'.
7. ASTM C595 'STANDARD SPECIFICATION FOR BLENDED HYDRAULIC CEMENTS'.
8. ASTM C618 'STANDARD SPECIFICATION FOR ... COAL-ASH...'.
9. ASTM C989 'STANDARD SPECIFICATION FOR SLAG...'.
10. ASTM C1017 'STANDARD SPECIFICATION FOR CHEMICAL ADMIXTURES FOR USE IN PRODUCING FLOWING CONCRETE'.
11. ASTM C1116 'STANDARD SPECIFICATION FOR FIBER-REINFORCED CONCRETE'.
12. ASTM C1218 'STANDARD TEST METHOD FOR WATER-SOLUBLE CHLORIDE IN MORTAR AND CONCRETE'.
13. ASTM C1315 'STANDARD SPECIFICATION FOR LIQUID MEMBRANE-FORMING COMPOUNDS HAVING SPECIAL PROPERTIES FOR CURING AND SEALING CONCRETE'

MIX DESIGNS: THE CONTRACTOR SHALL DESIGN CONCRETE MIXES THAT MEET OR EXCEED THE REQUIREMENTS OF THE CONCRETE MIX TABLE. ALL CONCRETE MIXES SHALL BE NORMAL WEIGHT, UNLESS NOTED OTHERWISE. THE MIX DESIGNS SHALL FACILITATE ANTICIPATED PLACEMENT METHODS, WEATHER, REBAR CONGESTION, ARCHITECTURAL FINISHES, CONSTRUCTION SEQUENCING, STRUCTURAL DETAILS, AND ALL OTHER FACTORS REQUIRED TO PROVIDE A STRUCTURALLY SOUND, AESTHETICALLY ACCEPTABLE FINISHED PRODUCT. WATER REDUCING ADMIXTURES WILL LIKELY BE REQUIRED TO MEET THESE REQUIREMENTS. CONCRETE MIX DESIGNS SHALL CLEARLY INDICATE THE TARGET SLUMP. SLUMP TOLERANCE SHALL BE ± 1-1/2 INCHES.

AGGREGATE: COARSE AND FINE AGGREGATE SHALL CONFORM TO ASTM C33

CEMENT: CEMENT SHALL CONFORM TO ASTM C150, TYPE II PORTLAND CEMENT OR ASTM C595 - TYPE IL PORTLAND LIMESTONE CEMENT, UNLESS NOTED OTHERWISE. CEMENT IN CONCRETE EXPOSED TO EARTH SHALL BE TYPE II OR TYPE IL-MS.

SLAG: GROUND GRANULATED BLAST-FURNACE (GGBF) SLAG SHALL CONFORM TO ASTM C989 GRADE 100 OR 120.

ALTERNATE MIX DESIGNS: VARIATIONS TO THE MIX DESIGN PROPORTIONS MAY BE ACCEPTED IF SUBSTANTIATED IN ACCORDANCE WITH ACI 318, CHAPTER 19. PROVIDE SUBMITTALS A MINIMUM OF TWO WEEKS PRIOR TO BID FOR DETERMINATION OF ACCEPTABILITY.

ADMIXTURES: ADMIXTURES SHALL BE BY MASTER BUILDERS, W.R. GRACE, OR PRE-APPROVED EQUAL. ALL MANUFACTURER'S RECOMMENDATIONS SHALL BE FOLLOWED.

WATER: SHALL CONFORM TO ASTM C1602.

MAXIMUM CHLORIDE CONTENT: THE MAXIMUM WATER SOLUBLE CHLORIDE CONTENT SHALL NOT EXCEED 0.15% BY WEIGHT OF CEMENTITIOUS MATERIAL UNLESS NOTED OTHERWISE.

TOTAL CEMENTITIOUS MATERIAL: THE SUM OF ALL CEMENT PLUS FLY ASH AND SLAG. AT THE CONTRACTORS OPTION FLY ASH OR SLAG MAY BE SUBSTITUTED FOR CEMENT BUT SHALL NOT EXCEED 25% BY WEIGHT OF TOTAL CEMENTITIOUS MATERIAL. IN NO CASE SHALL THE AMOUNT OF FLY ASH OR SLAG BE LESS THAN REQUIRED BY THE CONCRETE MIX DESIGN TABLE.

CONCRETE MIX DESIGN TABLE

ITEM	DESIGN f'c (PSI) (AT 28 DAYS U.N.O.)	MAX. W/C RATIO	MIN. FLY ASH OR SLAG (PCY)	AGGREGATE GRADING ASTM AASHTO	EXPOSURE CLASS (F0, S0, W0, C0 U.N.O.)
ALL CONCRETE	4000	0.45	--	57 OR 67	--

CONCRETE PLACEMENT

PLACE CONCRETE FOLLOWING ALL APPLICABLE ACI RECOMMENDATIONS. CONCRETE SHALL BE PROPERLY CONSOLIDATED PER ACI 309 USING INTERIOR MECHANICAL VIBRATORS, DO NOT OVER-VIBRATE. CONCRETE SHALL BE POURED MONOLITHICALLY BETWEEN CONSTRUCTION OR EXPANSION JOINTS. IF CONCRETE IS PLACED BY THE PUMP METHOD, HORSES SHALL BE PROVIDED TO SUPPORT THE HOSE. THE HOSE SHALL NOT BE ALLOWED TO RIDE ON THE REINFORCING. WEATHER FORECASTS SHALL BE MONITORED AND ACI RECOMMENDATIONS FOR HOT AND COLD WEATHER CONCRETING SHALL BE FOLLOWED AS REQUIRED. CONCRETE SHALL NOT FREE FALL MORE THAN 5 FEET DURING PLACEMENT WITHOUT WRITTEN APPROVAL OF STRUCTURAL ENGINEER.

FLOATING & FINISHING OPERATIONS

WATER SHALL NOT BE ADDED TO THE CONCRETE SURFACE DURING FLOATING & FINISHING OPERATIONS. PRE-APPROVED EVAPORATION RETARDER SPECIFICALLY DESIGNED FOR FLOATING & FINISHING OPERATIONS ARE ACCEPTABLE.

CONTROL AND CONSTRUCTION JOINTS

CONSTRUCTION JOINTS SHALL MEET THE REQUIREMENTS OF ACI 301 SECTIONS 2.2.2.5 AND 5.3.2.6. SPECIAL BONDING METHODS PER SECTION 5.3.2.6 SHALL BE SATISFIED BY ITEM 6 BELOW UNLESS OTHERWISE DETAILED ON THE STRUCTURAL DRAWINGS. WHERE CONSTRUCTION JOINTS ARE NOT SHOWN ON PLAN OR ADDITIONAL CONSTRUCTION JOINTS ARE REQUIRED SUBMIT PROPOSED JOINTING FOR STRUCTURAL ENGINEERS APPROVAL. PROVIDE CONSTRUCTION JOINTS AS INDICATED BELOW UNLESS NOTED OTHERWISE ON THE PLANS:

1. SLABS ON GRADE: PROVIDE CONSTRUCTION AND/OR CONTROL JOINTS AT 16 FEET O.C. MAXIMUM FOR UNEXPOSED SLABS ON GRADE AND 12 FEET O.C. FOR EXPOSED SLABS ON GRADE. COORDINATE JOINTS WITH ARCHITECTURAL DRAWINGS.
2. ATTACHMENT OF NEW CONCRETE TO EXISTING: WHERE SHOWN, ROUGHEN CONCRETE TO A MINIMUM AMPLITUDE OF 1/4" USING IMPACT HAMMER. REMOVE ALL LOOSE OR DAMAGED CONCRETE, THOROUGHLY FLUSH ALL SURFACES WITH POTABLE WATER, AIR BLAST WITH OIL FREE COMPRESSED AIR TO REMOVE ALL WATER.

EMBEDDED ITEMS

1. NO ITEMS OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE EMBEDDED IN STRUCTURAL ELEMENTS WITHOUT PRIOR APPROVAL BY THE SEOR, EXCEPT AS NOTED OTHERWISE:
   A. NO ALUMINUM ITEMS SHALL BE EMBEDDED IN ANY CONCRETE.

CONCRETE CURING AND SEALING

CURING PROCEDURES SHALL COMMENCE IMMEDIATELY AFTER FINISHING CONCRETE TO MAINTAIN CONCRETE IN A MOIST CONDITION. VERIFY CURING AND/OR SEALING PRODUCTS ARE COMPATIBLE WITH FLOOR COVERINGS SHOWN ON THE ARCHITECTURAL DRAWINGS. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS. SLABS ARE DEFINED AS SLABS ON GRADE, CONCRETE ON METAL DECK, ELEVATED POST-TENSIONED OR MILD REINFORCED DECKS, AND TOPPING SLABS.

ITEM	CONCRETE CURING NOTES
SLABS EXPOSED TO EARTH OR WEATHER OR VEHICLE OR FORKLIFT TRAFFIC INCLUDING LOADING DOCKS	1, (2 OR 3 OR 4)

CONCRETE CURING NOTES:

1. WHEN THE ESTIMATED EVAPORATION RATE IS GREATER THAN 0.2 PSF/HOUR PROVIDE A SPRAY APPLIED EVAPORATION RETARDER IMMEDIATELY AFTER CONCRETE PLACEMENT. THE EVAPORATION RATE MAY BE CALCULATED PER ACI 305 FIGURE 2.1.5.
2. PROVIDE PRE-APPROVED CONTINUOUS WET CURE METHOD FOR A MINIMUM OF 14 DAYS.
3. APPLY A LIQUID MEMBRANE FORMING CURING COMPOUND, CONFORMING TO ASTM C309 TYPE 1 CLASS B SPECIFICATIONS OR ASTM C1315 TYPE 1 CLASS A SPECIFICATIONS, PER MANUFACTURER'S RECOMMENDATIONS IMMEDIATELY AFTER FINAL FINISHING. CURING COMPOUND SHALL BE COMPATIBLE WITH ARCHITECTURAL FLOOR COVERINGS AND SEALERS.
4. PROVIDE "ULTRACURE DOT" MOISTURE RETAINING COVER BY MCTECH GROUP, OR APPROVED EQUAL, FOR A MINIMUM OF 14 DAYS.

REINFORCING STEEL

REINFORCING STEEL SHALL CONFORM TO:

ASTM A615, GRADE 60 TYPICAL UNLESS NOTED OTHERWISE.

DETAIL FABRICATE AND PLACE PER ACI 315 AND ACI 318.

REINFORCING SPLICE AND DEVELOPMENT LENGTH SCHEDULE, F_Y=60 KSI (UNLESS NOTED OTHERWISE)

BAR SIZE	MINIMUM LAP SPLICE LENGTHS ("Ls")		MINIMUM DEVELOPMENT LENGTHS ("Ld")		MINIMUM EMBEDMENT LENGTH FOR STANDARD END HOOKS ("Ldh")
	TOP BARS (1)	OTHER BARS	TOP BARS (1)	OTHER BARS	
#3	2'-0"	1'-6"	1'-6"	1'-3"	0'-6"
#4	2'-8"	2'-0"	2'-0"	1'-7"	0'-6"

SPLICE TABLE NOTES:

1. "TOP BARS" ARE HORIZONTAL BARS WITH MORE THAN 12" DEPTH OF CONCRETE CAST BELOW THEM.

REINFORCING STEEL COVER

PROVIDE CONCRETE COVER OVER REINFORCEMENT AS FOLLOWS, UNLESS NOTED OTHERWISE:

EXPOSED TO WEATHER OR EARTH ---------- 2"
WALLS AND SLABS NOT EXPOSED TO WEATHER---- 3/4"

POST-INSTALLED ANCHORS

POST-INSTALLED ANCHORS: SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STRUCTURAL ENGINEER PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS TO AVOID CONFLICTS WITH REBAR. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. INSTALLER SHALL BE QUALIFIED AND TRAINED BY THE MANUFACTURER. HOLES SHALL BE HAMMER DRILLED ONLY (ROTARY DRILLED ONLY AT UNREINFORCED MASONRY - NO HAMMER TOOLS).

SUBSTITUTION REQUESTS, FOR PRODUCTS OTHER THAN THOSE SPECIFIED BELOW, SHALL BE SUBMITTED FOR APPROVAL A MINIMUM OF 2 WEEKS PRIOR TO BID, ALONG WITH CALCULATIONS THAT SHALL BE STAMPED BY A PROFESSIONAL ENGINEER (LICENSED IN THE STATE OF THE PROJECT) DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING EQUIVALENT PERFORMANCE VALUES (MINIMUM) OF THE SPECIFIED PRODUCT USING THE APPROPRIATE DESIGN PROCEDURE AND/OR STANDARD(S) AS REQUIRED BY THE BUILDING CODE.

CONCRETE ANCHORS:
- ADHESIVE ANCHORS: HILTI HIT-HY 200 V3 (ICC-ESR-4868), HILTI HIT-RE 500 V3 (ICC-ESR-3814), DEWALT PURE 110+ (ICC-ESR-3298) OR SIMPSON SET-3G (ICC-ESR-4057) OR PRE-APPROVED EQUAL.
  - *CONCRETE SHALL BE A MINIMUM OF 21 DAYS OLD AT TIME OF INSTALLATION.
  - *CONCRETE SHALL BE IN THE TEMPERATURE RANGE AS REQUIRED BY THE CONCRETE MANUFACTURER.
  - *HOLE SHALL BY HAMMER-DRILLED ONLY.
  - *DO NOT INSTALL IN WATER-FILLED HOLES.
  - *INSTALLER OF HORIZONTAL OR UPWARDLY INCLINED (ANY POSITION EXCEPT DIRECTLY DOWNWARD) ANCHORS SHALL ALSO BE CERTIFIED BY THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM.
- EXPANSION ANCHORS: KWIKBOLT TZ2 (ICC ESR-4266) BY HILTI, INC., OR PRE-APPROVED EQUAL.
- SCREW ANCHORS: KWIK HUS-EZ (ICC ESR-3027) BY HILTI, INC., OR PRE-APPROVED EQUAL.

COLD-FORMED STEEL FRAMING CONSTRUCTION:

THE DESIGN, INSTALLATION AND CONSTRUCTION OF COLD-FORMED CARBON OR LOW-ALLOY STEEL, STRUCTURAL AND NON-STRUCTURAL STEEL FRAMING, SHALL BE IN ACCORDANCE WITH IBC SECTION 2211 AND AMERICAN IRON AND STEEL INSTITUTE (AISI) STANDARD S100-16 AND S240-20 AND SHALL BE MANUFACTURED BY A MEMBER OF THE STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA), CERTIFIED STEEL STUD ASSOCIATION (CSSA), STEEL FRAMING INDUSTRY ASSOCIATION (SFIA), OR PRE-APPROVED EQUAL, IN ACCORDANCE WITH A CURRENT ICC EVALUATION SERVICE REPORT, AISI S202-20 AND S240-20. ALL 54 MIL AND HEAVIER GALVANIZED MEMBERS SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF ASTM A653, QUALITY SQ, GRADE 50, CLASS 1, F_Y= 50 KSI. ALL 43 MIL AND LIGHTER GALVANIZED MEMBERS SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF ASTM A653, QUALITY SQ, GRADE 33, F_Y=33 KSI. BRIDGING PER MANUFACTURER'S REQUIREMENTS AND AS SHOWN IN THE STRUCTURAL DRAWINGS SHALL BE IN PLACE PRIOR TO PLACING OF ANY CONSTRUCTION LOADS. ALL RUNS SHALL BE RIGIDLY ANCHORED TO END WALLS.

BEARING COLD-FORMED STEEL FRAMING: COLD-FORMED STEEL FRAMING MEMBERS SHALL MEET THE TYPE, SIZE AND THICKNESS AS INDICATED ON THE STRUCTURAL PLANS AND SPECIFICATIONS.

INTERIOR NON-BEARING WALL, CEILING, SOFFIT, AND OTHER MISC. COLD-FORMED STEEL FRAMING: COLD-FORMED STEEL FRAMING MEMBERS SHALL MEET THE TYPE, SIZE, AND THICKNESS AS INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS, AND SHALL CONFORM TO THE MINIMUM PRESCRIPTIVE REQUIREMENTS OF THE GYPSUM CONSTRUCTION HANDBOOK BY CGC, INC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, DETAILING, FABRICATION AND ERECTION OF ALL COLD-FORMED FRAMING NOT SPECIFICALLY DETAILED IN THE GYPSUM CONSTRUCTION HANDBOOK OR ON THE STRUCTURAL DRAWINGS. THE DESIGN AND DETAILING OF THE COLD-FORMED STEEL FRAMING AND CONNECTION TO THE STRUCTURE SHALL BE PREPARED UNDER THE DIRECTION OF AND SHALL BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO CONSTRUCTION.

POWDER ACTUATED FASTENERS: SHALL BE X-U UNIVERSAL KNURLED SHANK FASTENER BY HILTI OR PRE-APPROVED EQUAL. INSTALL PER ALL MANUFACTURER'S PUBLISHED RECOMMENDATIONS. COLD-FORMED STEEL TO STRUCTURAL STEEL: UNLESS NOTED OTHERWISE, PROVIDE 0.157" SHANK DIAMETER X-U LOW-VELOCITY FASTENER - FASTENER TIP SHALL PENETRATE STRUCTURAL STEEL. COLD-FORMED STEEL TO CONCRETE: UNLESS NOTED OTHERWISE, PROVIDE 0.157" SHANK DIAMETER X-U LOW-VELOCITY FASTENER - EMBED 1-1/2" MINIMUM INTO CONCRETE, UNLESS NOTED OTHERWISE.

MISCELLANEOUS:

PRE-APPROVED SUBSTITUTIONS: SUBSTITUTIONS MAY BE ALLOWED ONLY IF THEY MEET THE REQUIREMENTS OF THESE GENERAL NOTES AND THE SPECIFICATIONS, AND IF COMPLETE WRITTEN ENGINEERING DATA FOR EACH CONDITION REQUIRED FOR THIS PROJECT IS PROVIDED TO THE STRUCTURAL ENGINEER TWO WEEKS PRIOR TO BID DATE AND APPROVED IN WRITTEN ADDENDA BY THE ARCHITECT. DATA IS TO INDICATE CODE BASIS BY YEAR, AUTHORITY FOR STRESSES AND STRESS INCREASES, IF ANY, AND AMOUNT OF EXPECTED DEFLECTION FOR FLEXURAL MEMBERS UNDER (1) TOTAL LOAD AND (2) LIVE LOAD ONLY. ALL INCREASED COSTS IN MECHANICAL, SPRINKLER, ELECTRICAL OR GENERAL INSTALLATION AND ANY ARCHITECTURAL OR STRUCTURAL REDESIGN RESULTING FROM SUBSTITUTION SHALL BE BORNE BY THE GENERAL CONTRACTOR.

SHOP DRAWINGS/SUBMITTALS

THE FOLLOWING SHOP DRAWINGS/SUBMITTALS SHALL BE PROVIDED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OR DELIVERY.

		STRUCTURAL ENGR.	BLDG. DEPT.
1.	CONCRETE MIX DESIGNS	X	X
2.	CONTRACTOR'S STATEMENT OF RESPONSIBILITY	X	X

DEFERRED SUBMITTALS

THE FOLLOWING ARE NOT INCLUDED WITH THE BUILDING PERMIT DRAWINGS AND SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL AS A DEFERRED SUBMITTAL. SUBMITTALS SHALL BE STAMPED BY A ENGINEER LICENSED IN THE STATE OF THE PROJECT AS NOTED.

		ENGINEER STAMP REQUIRED
1.	COLD-FORMED STEEL FRAMING	PE

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING LABORATORY PER THE REQUIREMENTS OF IBC CHAPTER 17 AND THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION AND THE CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS AND A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL FOR THE ITEMS LISTED IN THE QUALITY ASSURANCE/SPECIAL INSPECTION SECTION:

STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED PER THE REQUIREMENTS OF IBC SECTION 1704 AND 1705 AND AS NOTED HEREIN.

STRUCTURAL SYSTEM	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	REFERENCES
SOILS	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY		X		IBC 1705.6
	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X		
	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS		X		
	DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X			
	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X		

STRUCTURAL SYSTEM	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	REFERENCES
CONCRETE	ANCHORS POST-INSTALLED IN HARDENED CONCRETE (MECHANICAL ANCHORS INSTALLED IN ANY DIRECTION AND ADHESIVE ANCHORS INSTALLED DOWNWARD)		X	PERIODIC INSPECTION TO INCLUDE A QUANTITY OF 10% WITH A MINIMUM OF (5) ANCHORS INSPECTED PER INSTALLER ON A DAILY BASIS.	ACI 318: 26.7 MFR EVAL REPORT MFR PUBLISHED INSTALLATION INSTRUCTIONS
	ANCHORS POST-INSTALLED IN HARDENED CONCRETE (ADHESIVE ANCHORS INSTALLED HORIZONTAL OR UPWARDLY INCLINED)	X			ACI 318: 26.7 MFR EVAL REPORT MFR PUBLISHED INSTALLATION INSTRUCTIONS
	TESTING OF MATERIALS		X		IBC 1705.3.2
SUSPENDED CEILINGS	ANCHORAGE AND SEISMIC BRACING		X		
MECHANICAL AND ELECTRICAL SYSTEMS	MINIMUM CLEARANCE TO SPRINKLER PIPING OF 3"		X		IBC 1705.13.6

TESTING AND SPECIAL INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO OWNER, CONTRACTOR, BUILDING OFFICIAL, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.

STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR DESIGNATED REPRESENTATIVE IN ACCORDANCE WITH IBC 1704.6. STRUCTURAL OBSERVATION SHALL BE PERFORMED AS FOLLOWS:

- PERIODIC VISUAL OBSERVATION OF STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES.
- REVIEW OF TESTING AND INSPECTION REPORTS.
- REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND SHALL BE DISTRIBUTED TO ARCHITECT.

GENERAL CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL INCLUDE ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

ABBREVIATION LIST

@	AT	DGN	DEMAND CRITICAL WELD	HGR	HANGER	℄	PLATE
A.B.	ANCHOR BOLT	D.F.	DOUGLAS FIR	HORIZ.	HORIZONTAL	P.P.	PARTIAL PENETRATION
ADD'L	ADDITIONAL	DIA. OR ⌀	DIAMETER	HSS	HOLLOW STRUCTURAL SECTION	P.P.T.	PRESERVATIVE PRESSURE TREATED
A.F.F.	ABOVE FINISH FLOOR	DIAG.	DIAGONAL	HT	HEIGHT	P.S.F.	POUNDS PER SQUARE FOOT
ALT.	ALTERNATE	DIM.	DIMENSION	INT.	INTERIOR	PSL	PARALLAM



PLAN NOTES

1. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
2. FOR SLAB ON GRADE REPLACEMENT AT TRENCHING LOCATIONS - SEE 1/S3.1 SEE ARCH. AND MEP FOR LOCATIONS.
3. W18x45 INDICATES STEEL COLUMNS ORIGINATING AT FOUNDATION.
4. NON-STRUCTURAL STUD WALLS ARE NOT SHOWN SCREENED. FOR LOCATIONS SEE ARCHITECTURAL DRAWINGS.

NORTH

1 / S2.1 LEVEL 1 PARTIAL FLOOR PLAN

1/4" = 1'-0"

KEY PLAN

COLLINS WOERMAN

710 Second Avenue, Suite 1400
Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N, SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE valley
VALLEY MEDICAL CENTER

Consultant:

PCS Structural Solutions
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	05/15/2026	90% CD REVIEW
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Issue Date: 05.08.2026

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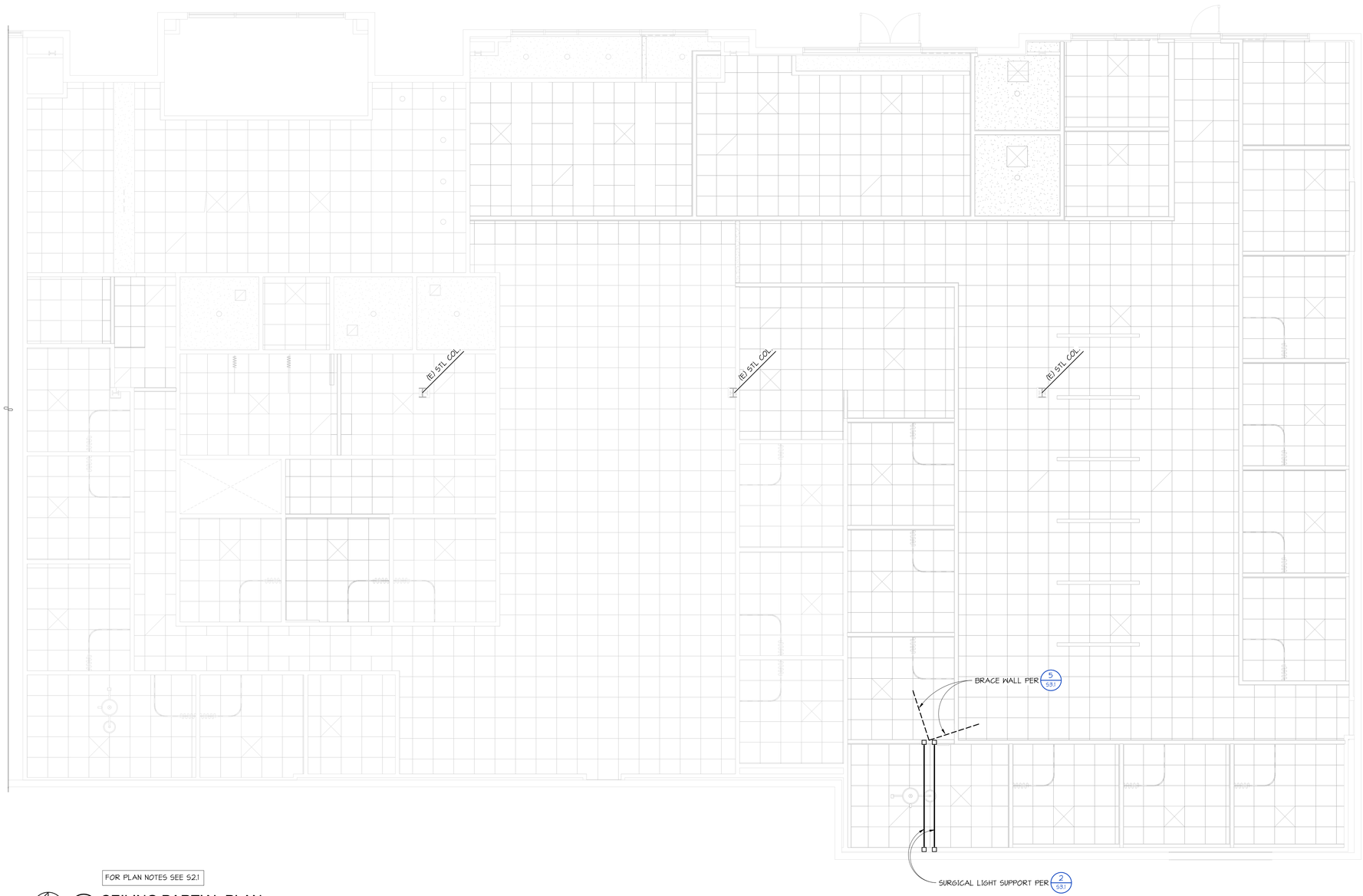
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LEVEL 1 PARTIAL FLOOR PLAN

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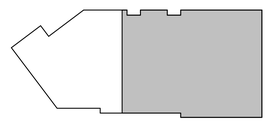


FOR PLAN NOTES SEE S2.1

NORTH

1 / S2.2 CEILING PARTIAL PLAN

1/4" = 1'-0"



KEY PLAN

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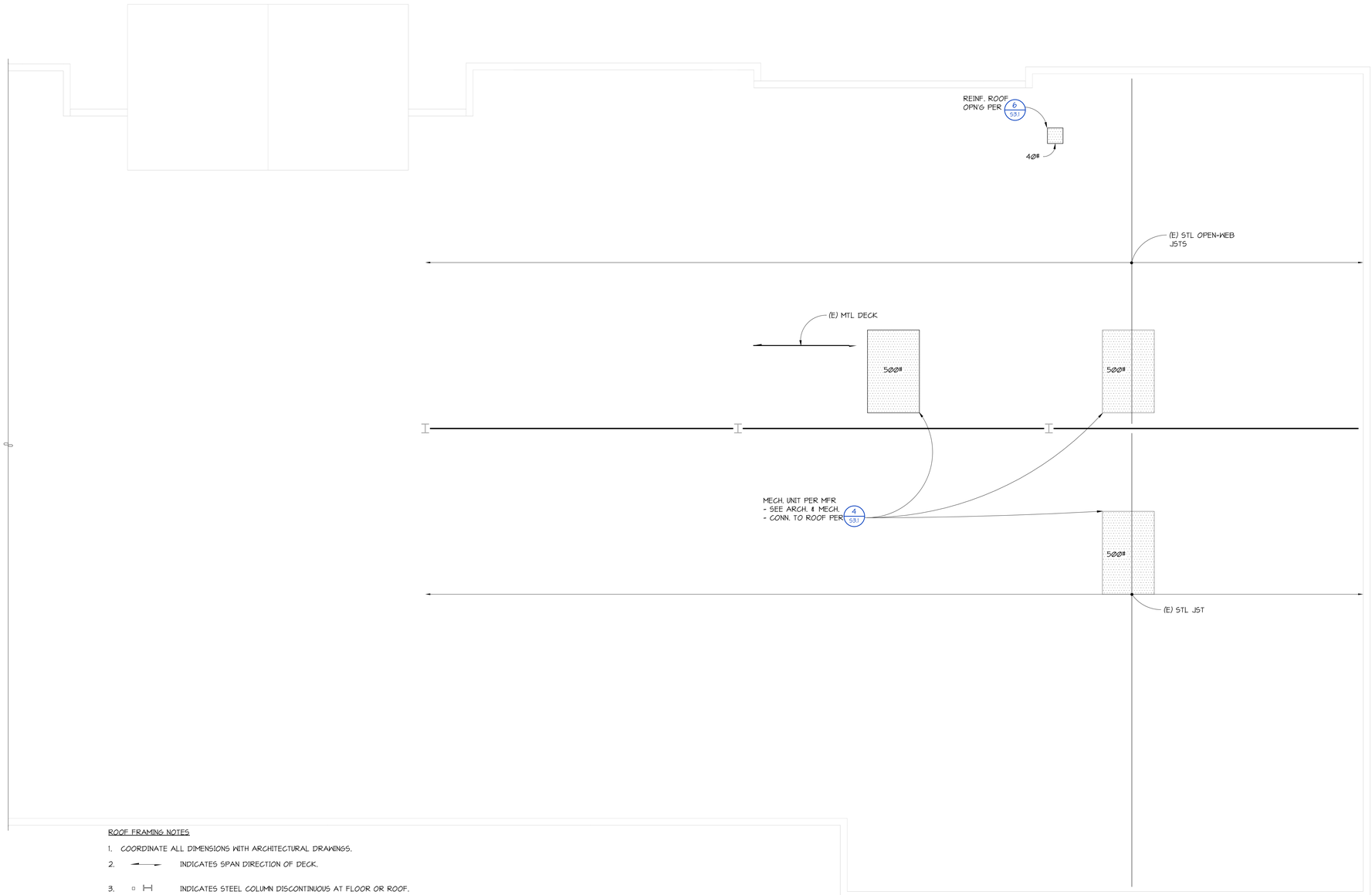
CEILING PARTIAL PLAN

S2.2

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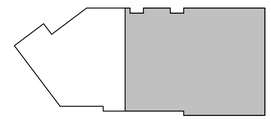
ROOF FRAMING NOTES

1. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
2. ——► INDICATES SPAN DIRECTION OF DECK.
3. ▫ ⊢ INDICATES STEEL COLUMN DISCONTINUOUS AT FLOOR OR ROOF.
4. !500# INDICATES MAXIMUM WEIGHT OF MECHANICAL UNIT. SEE MECHANICAL AND ARCHITECTURAL FOR LOCATION.

NORTH

1/S2.3 PARTIAL ROOF FRAMING PLAN

1/4" = 1'-0"



KEY PLAN

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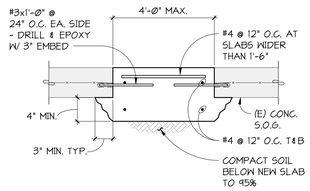
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PARTIAL ROOF FRAMING PLAN

S2.3

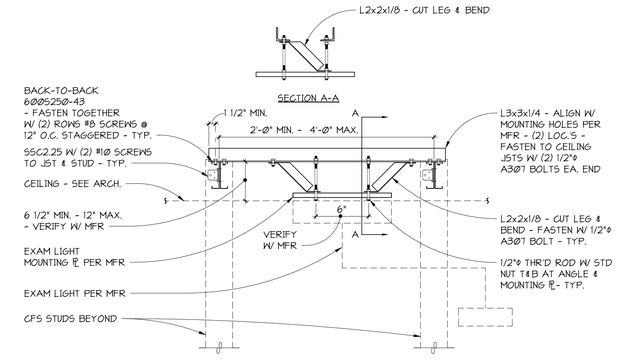
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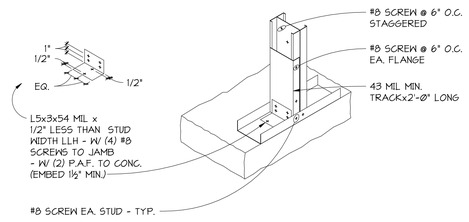
TYPICAL CONCRETE SLAB-ON-GRADE REPAIR

1 / S3.1 SECTION
1" = 1'-0"



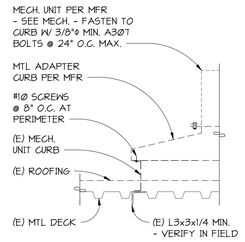
2 / S3.1 SECTION
1" = 1'-0"

NOTE:
PROVIDE LOAD BEARING SHIMS OR GROUT BETWEEN UNDERSIDE OF WALL BOTTOM TRACK OR RIM TRACK AND SUPPORT BELOW AT STUD OR JOIST LOCATION WHERE GAP GREATER THAN 1/4" OCCURS.



TYPICAL COLD-FORMED STEEL JAMB STUD ATTACHMENT

3 / S3.1 DETAIL
NO SCALE



4 / S3.1 SECTION
1" = 1'-0"

5 / S3.1 SECTION
NO SCALE

6 / S3.1 SECTION
NO SCALE

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SECTIONS AND DETAILS

S3.1

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GENERAL LEGEND

SYMBOL	DESCRIPTION
	NOTE CALLOUT
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
	MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS
	SECTION CALLOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	NEW LINEWORK
	EXISTING LINEWORK
	DEMOLITION LINEWORK
	DIRECTION OF FLOW
10"Ø CD-1 100 CFM	DIFFUSER LABEL - NECK SIZE AND DIFFUSER TYPE - CUBIC FEET PER MINUTE

DUCTWORK LEGEND

SYMBOL	DESCRIPTION
16"x12"	SHEET METAL DUCT
16"x12"	HIDDEN SHEET METAL DUCT
16"x12" (1"L)	INTERNALLY INSULATED SHEET METAL DUCT CLEAR INSIDE DIMENSION SHOWN, LINER THICKNESS IN PARENTHESIS
	STANDARD BRANCH FOR SUPPLY AND RETURN
	ROUND ELBOW DOWN
	ROUND ELBOW UP
	RECTANGULAR TO ROUND TRANSITION
8"	FLEXIBLE DUCT
FC	FLEX CONNECTION
BDD	BACK DRAFT DAMPER
FD	FIRE DAMPER
FSD	COMBINATION FIRE AND SMOKE DAMPER
M	MOTORIZED DAMPER
	BALANCING DAMPER
	SUPPLY DIFFUSER: 1-WAY/2-WAY/3-WAY/4-WAY
	GRILLE: RETURN/EXHAUST
UP DN	SUPPLY AIR DUCT SECTION
UP DN	RETURN AIR DUCT SECTION
UP DN	EXHAUST AIR DUCT SECTION
UC	UNDERCUT DOOR
TG	TRANSFER GRILLE OR LOUVER
DG	DOOR GRILLE OR LOUVER
	SINGLE DUCT VAV BOX WITH REHEAT COIL
	SINGLE DUCT VAV BOX WITHOUT REHEAT COIL
	FILTER
	HUMIDIFIER DISPERSION GRID
	LOUVER
AD	ACCESS DOOR OR ACCESS PANEL (AP) IN DUCTWORK
SP	STATIC PRESSURE CHANGE TAG
	TURNING VANES (RECTANGULAR)

PIPING LEGEND

SYMBOL	DESCRIPTION
4" CHWR	NEW PIPING (SIZE-SERVICE)
(E) 4" CHWR	EXISTING PIPING (SIZE-SERVICE)
	ELBOW FACING AWAY FROM VIEWER
	ELBOW FACING TOWARD VIEWER
	TEE FACING AWAY FROM VIEWER
	TEE FACING TOWARD VIEWER
	PIPE CAP
	TRANSITION, ASYMMETRIC
	TRANSITION, SYMMETRIC
	EXPANSION JOINT (COMPENSATOR)
	PIPE GUIDE
	PIPE ANCHOR
	UNION, SCREWED
	DRAIN, FUNNEL
	PUMP
	BALL VALVE
	BALL VALVE W/ ACTUATOR
	BUTTERFLY VALVE
	BUTTERFLY VALVE W/ ACTUATOR
	GATE VALVE
	GATE VALVE W/ ACTUATOR
	GLOBE VALVE
	GLOBE VALVE W/ ACTUATOR
	THREE-WAY VALVE
	THREE-WAY VALVE W/ ACTUATOR
	PRESSURE REDUCING VALVE
	CHECK VALVE, SWING
	CHECK VALVE, SPRING LOADED
	MULTI-PURPOSE VALVE
	FLOW MEASURING AND BALANCING VALVE
	HOSE BIBB VALVE
	LOCK SHIELD MANUAL VALVE
	PLUG VALVE
	PRESSURE REGULATOR
	STRAINER, Y-TYPE
	STRAINER WITH HOSE CONNECTION
	PRESSURE GAUGE WITH SHUTOFF COCK
	PRESSURE GAUGE WITH SNUBBER AND SHUTOFF COCK
	SELF-SEALING PRESSURE AND TEMPERATURE TAP
	THERMOMETER
	THERMOWELL
FM	FLOW METER
FL	FLOW REGULATOR AND FLOW LIMITING VALVE
PSD	PUMP SUCTION DIFFUSER
VB	VACUUM BREAKER
	AIR VENT, AUTOMATIC
	FLEXIBLE CONNECTION
	COMBINATION FLEX-VANE STRAIGHTENER
	SAFETY OR RELIEF VALVE
T	STEAM TRAP
S	AIR SEPARATOR

CONTROL LEGEND

SYMBOLS	DESCRIPTION
XX	DDC PHYSICAL POINT
XX	SENSOR
XX	SWITCH
COMM	COMMUNICATION GATEWAY CONNECTION TO DDC
ECM	ELECTRONICALLY COMMUTATED MOTOR
VFD	VARIABLE FREQUENCY DRIVE
	ELECTRONIC 3-WAY VALVE
	ELECTRONIC 2-WAY VALVE
	ELECTRONIC BUTTERFLY VALVE
	DAMPER WITH ACTUATOR, OPPOSED BLADE
	DAMPER WITH ACTUATOR, PARALLEL BLADE
	COOLING COIL
	HEATING COIL
	AIR FILTER BANK
TS	AVERAGING AIR TEMPERATURE SENSOR
	FIELD CONTROL WIRING
	FIELD POWER WIRING

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
(E)	EXISTING
AAV	AUTOMATIC AIR VENT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
BD	BLOWDOWN
BDD	BACK DRAFT DAMPER
BFC	BELOW FINISHED CEILING
BPP	BACK FLOW PREVENTER
BHP	BREAK HORSEPOWER
BLDG	BUILDING
BOB	BOTTOM OF BEAM
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CI	CAST IRON
CL	CENTER LINE
CP	CONDENSATE PUMP
CT	COOLING TOWER
CU	CONDENSING UNIT
CV	CONSTANT VOLUME BOX
CWFR	CONDENSER WATER FILTER RETURN
CWFS	CONDENSER WATER FILTER SUPPLY
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
DB	DRY BULB
DEG	DEGREES
DIA	DIAMETER
DL	DOOR LOUVER
DN	DOWN
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EFF	EFFICIENCY
EL	ELEVATION
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FD	FIRE DAMPER
FG	FILTER GRILLE
FLA	FULL LOAD AMPS
FLR	FLOOR
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FSD	FIRE SMOKE DAMPER
FT	FEET OR FOOT
FX	FLEXIBLE CONNECTION
G	NATURAL GAS
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HD	HEAD
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HP	HEAT PUMP
HP	HORSEPOWER
HT	HEIGHT
HZ	HERTZ
ID	INSIDE DIAMETER
IN	INCHES
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LF	LINEAR FEET
LIQ	LIQUID
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPS
MH	MANHOLE
MIN	MINIMUM
MOCP	MAXIMUM OVERLOAD CIRCUIT PROTECTION
NFA	NET FREE AREA
NIC	NOT IN CONTRACT
NPSHR	NET POSITIVE SUCTION HEAD REQUIRED
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP
PERF	PERFORATED
PH	PHASE
POD	POINT OF DISCONNECT
PR	PRESSURE RELIEF
PRV	PRESSURE REDUCING VALVE
PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
PSIG	POUNDS PER SQUARE INCH GAUGE
PVC	POLYVINYL CHLORIDE
RA	RETURN AIR
RF	RETURN FAN
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SF	SUPPLY FAN
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STD	STANDARD
TAD	TRANSFER AIR DUCT
TDH	TOTAL DYNAMIC HEAD
TEFC	TOTALLY ENCLOSED FAN COOLED
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UC	UNDERCUT
V	VOLTS
VAP	VAPOR
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THRU ROOF
W	WITH
W/O	WITHOUT
WB	WET BULB
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WT	WEIGHT
°F	DEGREES FAHRENHEIT

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD ABBREVIATIONS AND OTHER STANDARD INDUSTRY CONVENTIONS.

CONTROL ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A	ALARM
AFMS	AIRFLOW MONITORING STATIONS
AI	ANALOG INPUT
AO	ANALOG OUTPUT
CS	CURRENT SWITCH
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DP	DIFFERENTIAL PRESSURE
FM	FLOW METER
FS	FLOW SWITCH
HOA	HANDS-OFF-AUTO
KW	KILOWATTS
LA	LEVEL ALARM
MOD	MOTOR OPERATED DAMPER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
PS	PRESSURE SWITCH
PT	PRESSURE TRANSMITTER
RH	RELATIVE HUMIDITY
S	STATUS
SC	SPEED CONTROL
SI	SPEED INDICATOR
SP	SETPOINT
SS	START/STOP
T	TEMPERATURE
TI	TEMPERATURE INDICATOR
VA	DAMPER/VALVE ACTUATOR
VP	VELOCITY PRESSURE
VSH	VIBRATION SWITCH
ZC	CLOSED END SWITCH
ZI	POSITION INDICATOR
ZO	OPEN END SWITCH

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD ABBREVIATIONS AND OTHER STANDARD INDUSTRY CONVENTIONS.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE 2021 WASHINGTON BUILDING CODE, 2021 WASHINGTON MECHANICAL CODE, 2021 UNIFORM PLUMBING CODE, 2021 WASHINGTON STATE ENERGY CODE, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
2. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
3. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DRAWINGS AND SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
4. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
5. NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE OWNER TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE OWNER INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
6. THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS. THIS CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND SHOP DRAWINGS NECESSARY FOR FABRICATION OR ERECTION OF HVAC SYSTEMS. MAKE ALLOWANCE FOR BEAMS, PIPES AND OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF OTHER TRADES AND CONSULT WITH THE OWNER'S REPRESENTATIVE IN THE EVENT OF POTENTIAL INTERFERENCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4"=1'-0" SCALE, INDICATING FITTINGS, SIZES, WELDS AND CONFIGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW.
7. THIS CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
8. EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED AS BEING RELOCATED.
9. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
10. THIS CONTRACTOR SHALL NOT BORE, NOTCH, CUT, OR PENETRATE INTO A STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM A DESIGNATED STRUCTURAL ENGINEER AND THE OWNER.
11. ALL PIPE ELBOWS SHALL BE LONG RADIUS UNLESS OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS.
12. INSTALL MANUAL VOLUME DAMPERS WITHIN DUCT BRANCHES TO BALANCE AIRFLOW CFM. ON INSULATED DUCTS, MOUNT DAMPER REGULATOR ON 2" STAND-OFF BRACKET TO CLEAR INSULATION. SYSTEM IS BALANCED PER WSEC C408.2.2(1).
13. MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS SHALL NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 AND A SMOKE-DEVELOPED INDEX NOT TO EXCEED 50, WHERE TESTED AS AS A COMPOSITE PRODUCT IN ACCORDANCE WITH ASTM E84 OR UL 723. PLASTIC PIPING INSTALLED IN PLENUMS SHALL BE TESTED IN ACCORDANCE WITH ALL REQUIREMENTS OF ASTM E84 OR UL 723 MOUNTING METHODS, SUPPORTS AND SAMPLE SIZES OF MATERIALS FOR TESTING THAT ARE NOT SPECIFIED IN ASTM E84 OR UL 723 SHALL BE PROHIBITED. COMPLY WITH IMC-602.2.
14. COORDINATE ACCESS TO EQUIPMENT WITH WORK OF OTHER TRADES. PROVIDE DUCT ACCESS DOORS AND CEILING ACCESS DOORS TO ALLOW ACCESS FOR FILTER CHANGEOUT, CONTROLS ACCESS AND ACCESS TO SERVICE/REMOVE COMPONENTS INCLUDING, BUT NOT LIMITED TO, FANS, PULLEYS, SHEAVES, BELTS, ETC.

SCOPE OF WORK

1. THIS PROJECT SUPPORTS THE 4,000 SQ FT EXPANSION OF THE EXISTING VALLEY MEDICAL CENTER CLINIC AT KENT STATION. UPDATING THE HEATING, VENTILATION, AND AIR CONDITIONING SYSTEMS TO MATCH THE NEW FLOOR PLAN AND SPACE LOADS. THIS WILL INCLUDE THE REPLACEMENT OF (3) EXISTING PACKAGED ROOFTOP UNITS WITH GAS HEAT TO (3) NEW PACKAGED HEAT PUMP ROOFTOP UNITS. THE NEW ROOFTOP UNITS WILL BE SINGLE ZONE, STAGED COOLING, PLENUM RETURN, WITH STAND ALONE CONTROLS. THIS WILL INCLUDE NEW DUCTWORK DISTRIBUTION, AND THE ADDITION OF TWO EXHAUST FANS.
2. IN THE EXISTING CLINIC, THERE WILL BE THE ADDITION OF COOLING TO SERVE THE EXPANDED IT CLOSET THROUGH A VRF WALL MOUNDED FAN COIL UNIT AND ROOFTOP CONDENSING UNIT. (2) EXISTING ROOFTOP UNITS WILL ALSO REQUIRE REBALANCING TO ACCOUNT FOR ADDITIONAL FLOOR PLAN CHANGES OF THE EXAM ROOM (233) AND EXPANDED PROVIDER OFFICE (219).
3. KENT STATION IS NOT CONNECTED TO A CAMPUS BMS. ALL NEW CONTROLLERS ARE STAND ALONE.

WSEC COMPLIANCE

1. THE EXISTING SYSTEM IS GOVERNED BY CHAPTER 5 OF THE 2021 WSEC. THE ROOFTOP UNITS COMPLY WITH ECONOMIZER REQUIREMENTS PER C503.4.3 AND C403.5. A PACKAGED HEAT PUMP WITH SUPPLEMENTAL HEAT IS PERMITTED VIA TABLE C503.4.6 WITH SUPPLEMENTAL ELECTRIC HEAT REQUIREMENTS FOLLOWING C403.1.4.
2. ALL PACKAGED EQUIPMENT IS A HEAT PUMP WITH REVERSE-CYCLE DEFROST AND WILL OPERATE IN HEAT PUMP MODE WHEN OUTDOOR AIR TEMPERATURE IS > 25 DEGREES F PER WSEC C403.3.2.6
3. OUTPUT CAPACITIES OF HEATING AND COOLING EQUIPMENT AND SYSTEMS ARE NO GREATER THAN THE SMALLEST AVAILABLE EQUIPMENT SIZE THAT EXCEEDS CALCULATED LOADS PER WSEC 403.3.1.
4. ALL DUCTWORK IS LOW PRESSURE AND SUPPLY AIR TEMPERATURES FALL BETWEEN 55 AND 105 DEGREES. DUCTWORK COMPLIES WITH WSEC C403.10.1 AND C403.10.2.
5. VENTILATION SYSTEMS ARE CONFIGURED TO PROVIDE NOT MORE THAN 150% OF, BUT AT LEAST THE MINIMUM REQUIRED VOLUME OF OUTDOOR AIR TO EACH ZONE PER IMC, ASHRAE 62.1, AND WSEC C403.2.2.1.
6. EXHAUST SYSTEMS ARE CONFIGURED TO PROVIDE NOT MORE THAN 150% OF, BUT AT LEAST THE MINIMUM REQUIRED MINIMUM VOLUME FOR EACH ZONE PER IMC, ASHRAE 62.1, AND WSEC C403.4.2.4

SHEET INDEX

SHEET	DESCRIPTION
M0.0	GENERAL NOTES, LEGEND, ABBREVIATIONS & SHEET INDEX
M1.1	SCHEDULES
MD2.1	LEVEL 1 OVERALL DEMOLITION PLAN
MD2.2	ROOF OVERALL DEMOLITION PLAN
M2.1	LEVEL 1 OVERALL PLAN
M2.2	ROOF OVERALL PLAN
M5.1	ZONING PLAN
M6.1	MECHANICAL CONTROLS
M9.1	DETAILS

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GENERAL NOTES, LEGEND, ABBREVIATIONS & SHEET INDEX

M0.0

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ROOFTOP HEAT PUMPS

MARK	MANUFACTURER & MODEL	LOCATION	TYPE	SERVICE	SUPPLY FAN					COOLING COIL					ELECTRIC COIL	ELECTRICAL			REFRIGERANT	FILTERS			EFFICIENCY		OPERATING WEIGHT (LBS)	REMARKS
					AIRFLOW (CFM)	MINIMUM OSA (CFM)	RETURN AIR (CFM)	ESP (IN. W.C.)	HP	TOTAL (MBH)	AMBIENT (°F)	ENTERING AIR (°F DB / WB)	LEAVING AIR (°F DB / WB)	PD (IN W.C.)	KW	VOLTS, PH, HZ	MCA/MOCP	MOCP	TYPE	TYPE	QTY	SIZE (IN)	SEER2	HSPF2		
A11-106A	CARRIER 50NT-B24	ROOFTOP	PACKAGED HEAT PUMP	BREAK ROOM (126), ADMIN (146 & 143), CONSULT 3 (142)	825	275	550	.5	1/2	22.44	85.0	77.8 / 64.2	56.1 / 54.3	.04	5	208-1-60	41.6	45	R-454B	MERV-8	2	20x12x1	13.4	6.7	605	1 2 3 4
AC11-105B	CARRIER 50NT-B24	ROOFTOP	PACKAGED HEAT PUMP	TEAM WORK (149), CLEAN SUPPLY (124), MED PREP (125), EXAM 11 (131), EXAM 12 (132), EXAM 13 (133)	730	245	485	.5	1/2	22.44	85.0	77.8 / 64.2	56.1 / 54.3	.04	5	208-1-60	41.6	45	R-454B	MERV-8	2	20x12x1	13.4	6.7	605	1 2 3 4
AC-2	CARRIER 50NT-B24	ROOFTOP	PACKAGED HEAT PUMP	PROCEDURE ROOM 2 (134), EXAM 14 THRU 20 (135 THRU 141)	740	245	495	.5	1/2	22.44	85.0	77.8 / 64.2	56.1 / 54.3	.04	5	208-1-60	41.6	45	R-454B	MERV-8	2	20x12x1	13.4	6.7	540	1 2 3 4

REMARKS:

1. PROVIDE WITH FACTORY DISCONNECT.
2. PROVIDE WITH INSULATED CURB ADAPTERS TO MOUNT TO EXISTING ROOF CURBS.
3. PROVIDE WITH ULTRA LOW LEAK ECONOMIZER.
4. MAX. AIRFLOW BASED ON PEAK COOLING LOADS, MIN AIRFLOW BASED ON 2021 WSMC/ASHRAE 62.1 MINIMUM OSA.

COOLING ONLY SPLIT SYSTEM

OUTDOOR CONDENSING UNIT

MARK	MANUFACTURER & MODEL	NOMINAL TONNAGE	LOCATION	AREA SERVICE	COOLING CAPACITY (BTUH)	SEER2	EER2	ELECTRICAL			OPERATING WEIGHT (LBS.)	REMARKS
								VOLT, PH, HZ	MCA	MOCP		
CU-1	MITSUBISHI PUZ-AK36NL	3.0	ROOF	IT CLOSET (119)	36,000	20.3	12	208-1Ø-60	34	56	251	1 2 3 4 5 6 7

REMARKS:

1. PROVIDE FAN COIL UNIT WITH MANUFACTURERS CONDENSATE PUMP (REFCO MODEL # COMSI, 208-1Ø-60HZ), AND WALL MOUNTED PROGRAMMABLE THERMOSTAT.
2. PROVIDE POWER AND CONTROL WIRING BETWEEN INDOOR AND OUTDOOR UNIT. POWER FPU-1 FROM CU-1.
3. WASHABLE FILTER.
4. FAN AIRFLOW LISTED AT HIGH SETTING.
5. CONDENSING UNIT SEER2 MUST BE GREATER THAN 16.45 (15% GREATER THAN WSEC TABLE 403.3.2(2) FOR AIR COOLED EQUIPMENT IN COOLING MODE.
6. COOLING LOAD CALCULATIONS AND DESIGN COMPLY WITH ASHRAE STANDARD 183. EQUIPMENT CAPACITY IS THE SMALLEST AVAILABLE SIZE THAT EXCEEDS THE CALCULATED LOADS (PER 2021 WSEC C403.3.1).
7. PROVIDE WITH MANUFACTURERS REFRIGERANT LINESET WITH TWIN-TUBE INSULATION.

INDOOR FAN COIL UNIT

MARK	MANUFACTURER & MODEL	R-454B REFRIGERATION CONNECTION			CFM	OPERATING WEIGHTS (LBS.)	REMARKS
		LIQUID	VAPOR	PRE-CHARGE			
FCU-1	MITSUBISHI PKA-AK36NL	3/8"	5/8"	9 LBS, 14 OZ	920	46	1 2 3 4 5 6 7

REFRIGERANT CONCENTRATION LIMIT CALCULATION

ROOM NAME	AREA (SF)	CEILING HEIGHT (FT)	ROOM VOLUME (CF)	REFRIGERANT CHARGE PER SPACE (LBF)	CALCULATED REFRIGERANT CONCENTRATION: SINGLE ROOM (LBF/1000CF)	2021 WMC TABLE 1103.1 MAX. REFRIGERANT CONCENTRATION: R-454B (LBF/1000CF)	COMMUNICATING SPACE (Y/N)	REMARKS
IT CLOSET (119)	93	12	1116	18.99	8.73	22	N	1 2

REMARKS:

1. REFRIGERANT PIPING RUNS FROM ROOF STRAIGHT INTO IT ROOM WITH FULL HEIGHT WALLS. THIS IS CONSIDERED A NON-COMMUNICATING SPACE PER WSEC 1104.4.1.
2. R454B REFRIGERANT IS NON-TOXIC AND MILDLY-FLAMMABLE. REFRIGERANT LEAK DETECTION IS NOT REQUIRED BY THE 2021 WSFC SECTION "608.9 REFRIGERANT DETECTION: MACHINERY ROOMS" OR SECTION "916: GAS DETECTION SYSTEMS".

EXHAUST FAN

MARK	MANUFACTURER & MODEL	LOCATION	SERVICE	TYPE	AIRFLOW (CFM)	TSP (IN W.G.)	MOTOR			OPERATING WEIGHT (LBS)	REMARKS
							HP	VOLT, PH, HZ	TYPE		
EF-1	GREENHECK G-080-VG	ROOFTOP	TOILET (147, 148)	CENTRIFUGAL	140	.34	1/6	230-1-60	ECM	40	1 2 3
EF-2	GREENHECK G-180-VG	ROOFTOP	CLINIC EXPANSION	CENTRIFUGAL	2,280	.2	3/4	230-1-60	ECM	110	3 4 5

REMARKS:

1. CONSTANT VOLUME FAN.
2. PROVIDE WITH PROGRAMMABLE 7-DAY TIMER SWITCH (457586), FACTORY DISCONNECT, AND "DIAL ON FAN" OPTION FOR BALANCING.
3. PROVIDE WITH MOTORIZED LOW-LEAKAGE DAMPER PER WSEC AND CONTRACTOR PROVIDED ROOF CURB.
4. VARIABLE VOLUME FAN. MAINTAIN BUILDING PRESSURE +0.05" WC VIA BUILDING PRESSURE MONITOR.
5. PROVIDE WITH FACTORY DISCONNECT, AND "DIAL ON FAN" OPTION FOR BALANCING.

DUCTWORK REQUIREMENTS

DUCTWORK TYPE	SYSTEM TYPE	SHAPE	DESCRIPTION	PRESSURE CLASS [1] (IN WG)	SEAL CLASS [2]	LEAKAGE CLASS [1] (IN WG)	TEST PRESSURE [1] (IN WG)	REMARKS
LOW PRESSURE SUPPLY	SUPPLY	RECTANGULAR	WITHIN CONDITIONED SPACE WHERE THE DUCT CONVEYS AIR BETWEEN 55DEGF AND 105DEGF	2	B	12	2	
LOW PRESSURE SUPPLY	SUPPLY	ROUND, OVAL	WITHIN CONDITIONED SPACE WHERE THE DUCT CONVEYS AIR BETWEEN 55DEGF AND 105DEGF	2	B	6	2	
LOW PRESSURE EXHAUST/RETURN	EXHAUST, RETURN	RECTANGULAR	CONDITIONED SPACE, UPSTREAM OF ACD	2	B	12	2	
LOW PRESSURE EXHAUST/RETURN	EXHAUST, RETURN	ROUND, OVAL	CONDITIONED SPACE, UPSTREAM OF ACD	2	B	6	2	

NOTES:

[1] PER SMACNA (CURRENT EDITION).

[2] SEAL CLASS B: SEALING TRANSVERSE JOINTS AND SEAMS.

DUCTWORK INSULATION

DUCT SYSTEM	CLIMATE ZONE	AIRFLOW (CFM)	LOCATION	MINIMUM R-VALUE	VAPOR BARRIER	REMARKS
SUPPLY, RETURN	4C	---	WITHIN CONDITIONED SPACE WHERE THE DUCT CONVEYS AIR BETWEEN 55DEGF AND 105DEGF	NONE	NO	1

REMARKS:

1. PER 2021 WSEC TABLE C403.10.1.2 "SUPPLY, RETURN, AND RELIEF AIR DUCTWORK INSULATION".

GRILLES, REGISTERS, DIFFUSERS

MARK	PANEL SIZE (IN)	FRAME STYLE	NECK SIZE	CONNECTED DUCT SIZE	DESCRIPTION	MANUFACTURER & MODEL NO.	REMARKS
CD-1	24x24	TYPE 3 (LAY IN)	SEE PLANS	SEE PLANS	CEILING DIFFUSER, ROUND NECK	PRICE SMCD	1
RG-1	24x24	TYPE 3 (LAY IN)	SEE PLANS	SEE PLANS	CEILING RETURN GRILLE, EGG CRATE	PRICE 80	1
EG-1	24x24	TYPE 3 (LAY IN)	SEE PLANS	SEE PLANS	CEILING EXHAUST GRILLE, EGG CRATE	PRICE 80	1

REMARKS:

1. PROVIDE WITH SQUARE TO ROUND DUCT CONNECTOR.

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SCHEDULES

M1.1

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GENERAL NOTES

1. DEMOLISH ALL EXISTING DUCTWORK IN HATCHED REGION. THIS ACCOUNTS FOR 3 SUPPLY DUCT DROPS AND RETURN DUCTS FROM THE EXISTING ROOFTOP UNITS, APPROXIMATELY 300 FT OF DUCTWORK, APPX. 30 GRILLES AND DIFFUSERS, AND 3 BATHROOM EXHAUST FANS.

NOTES

1 PROVIDE PRE-TAB. RELOCATE AND REBALANCE DIFFUSER SERVED BY AC11-101D IN PHASE 2 & 3.

2 PROVIDE PRE-TAB. RELOCATE AND RE-BALANCE TWO (2) OF THE DIFFUSERS SERVED BY AC11-103B IN PHASE 3 & 4.

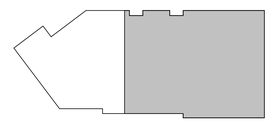


1 LEVEL 1 HVAC DUCT OVERALL DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

6/3/2026 7:43:34 AM

KEY PLAN



0' 4' 8' 16'

PROJECT NORTH N

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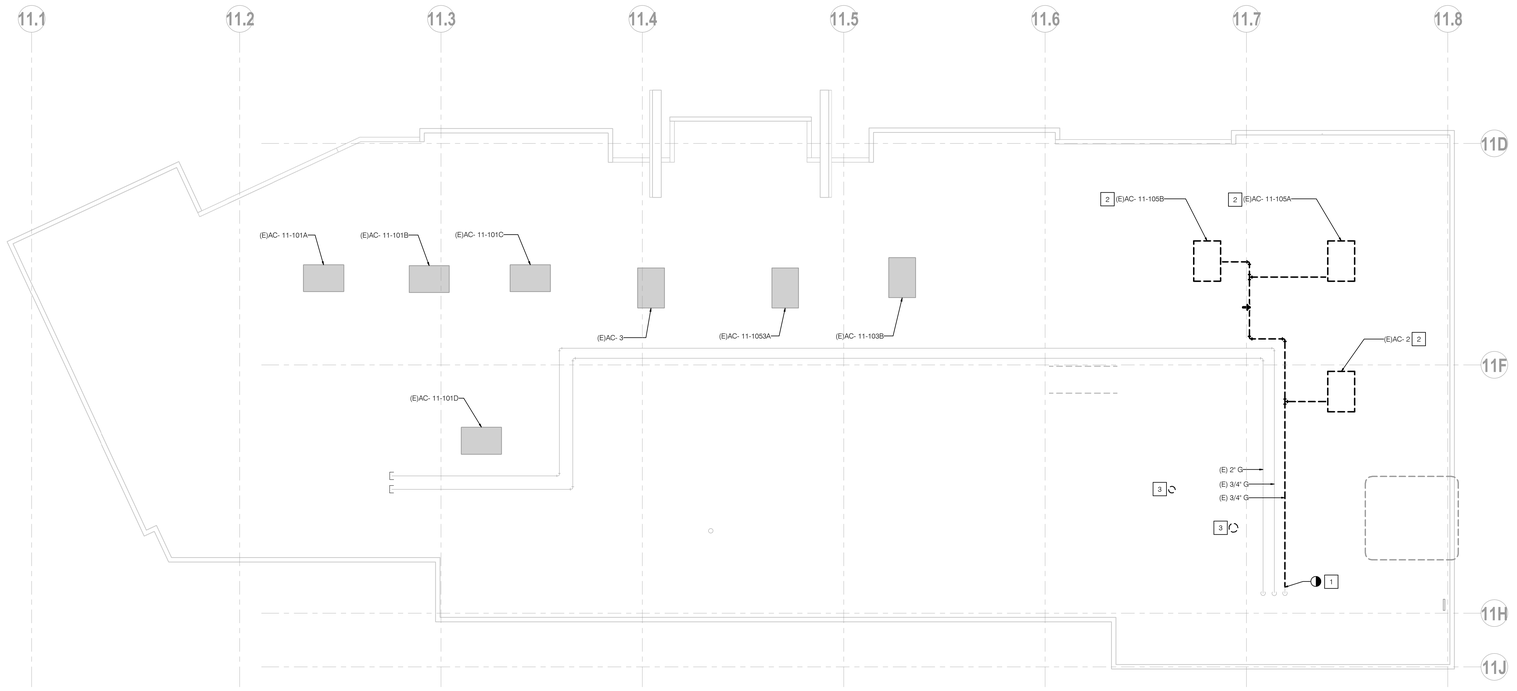
LEVEL 1 OVERALL DEMOLITION PLAN

MD2.1

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NOTES

1. DEMOLISH AND CAP EXISTING GAS LINE.
2. RETAIN ROOF CURBS FOR ADAPTER CURB INSTALLATION.
3. DEMOLISH (E) EXHAUST VENTS SERVING (E) RESTROOMS AND CAP OPENINGS.



1 ROOF HVAC DUCT OVERALL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

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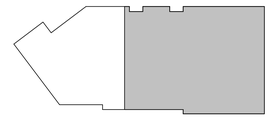
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KEY PLAN

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0' 4' 8' 16'

N

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ROOF OVERALL DEMOLITION PLAN

MD2.2

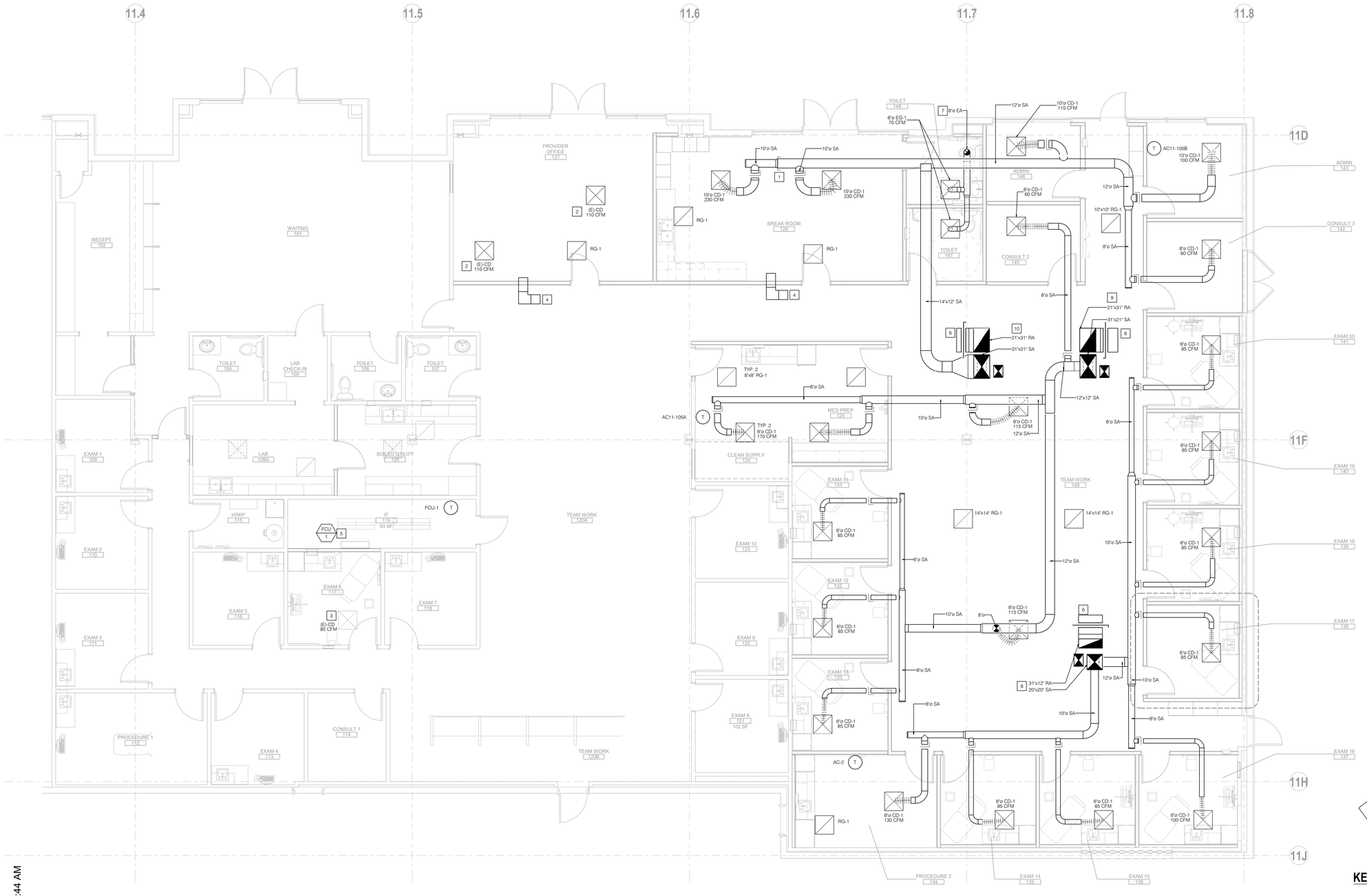
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GENERAL NOTES

1. SYSTEM IS PLENUM RETURN
2. TEMPORARY CONDITION DURING PHASE 3, WHILE ADMIN AND CONSULT OFFICES HAVE MORE THAN SCHEDULED OCCUPANCY. BALANCE ROOMS TO 200 CFM OF SUPPLY AIR.
3. BALANCE RETURN AIR DAMPERS UP TO AC UNITS DURING TAB TO THE FOLLOWING AIR FLOWS.
   AC11-105A: 550 CFM
   AC11-105B: 485 CFM
   AC-2: 480 CFM
4. RETURN AIR FROM EXAM ROOMS TO BE TRANSFERRED THROUGH DOORWAY LEAKAGE, AND RELIEVED THROUGH THE RETURN GRILLES IN THE CORRIDOR AND TEAM WORK SPACE.

NOTES

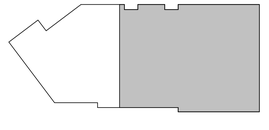
1. CAP DUCT DURING PHASE 1. BALANCE BREAK ROOM (242) DIFFUSER TO 230 CFM UNTIL PHASE 4, WHERE AN ADDITIONAL DIFFUSER WILL BE ADDED TO THE SYSTEM AT 230 CFM. REFER TO ARCH PLAN FOR PHASING DETAILS.
2. PROVIDER OFFICE (219) DIFFUSERS SUPPLIED FROM (E) AC11-103B. REBALANCE AC11-103B DURING TAB.
3. EXAM 6 (233) DIFFUSER SUPPLIED FROM (E)AC11-101D. REBALANCE AC11-101D DURING TAB.
4. 12" x 12" TRANSFER DUCT.
5. REFER TO P2.1 FOR CONDENSATE DRAIN.
6. TO PROVIDE WIRE MESH SCREEN AT RA OPENING.
7. UP TO EF-1.
8. UP TO AC-2. 31"x12" RA. 20"x20" SA.
9. UP TO AC11-105A. 21"x31" RA. 21"x31" SA.
10. UP TO AC11105B. 21"x31" RA. 21"x31" SA.



1 LEVEL 1 HVAC DUCT OVERALL PLAN

SCALE: 1/4" = 1'-0"

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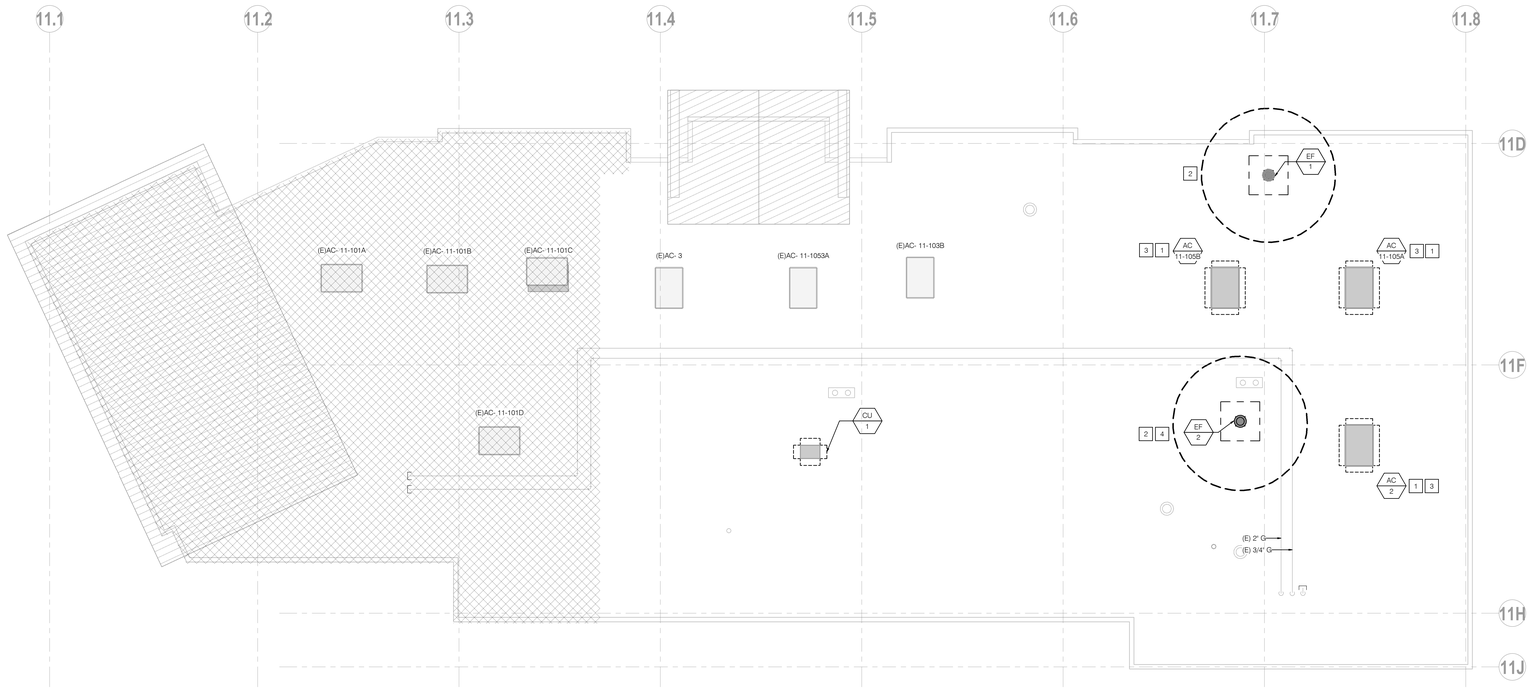
LEVEL 1
OVERALL PLAN

M2.1

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NOTES

1. NEW UNITS WILL USE CURB ADAPTERS TO MAINTAIN THE SAME ROOF MOUNTED LOCATIONS.
2. PER 2021 WASHINGTON MECHANICAL CODE 501.3.1 EXHAUST FANS AND VENTS ARE REQUIRED TO BE 10FT FROM AIR INTAKES. FAN TO BE LOCATED 10FT FROM THE INTAKE OF ANY ROOFTOP UNIT, MOUNTED ON CONTRACTOR PROVIDED CURB.
3. ROUTE CONDENSATE FROM AC UNITS TO NEAREST ROOF DRAIN.
4. FAN INTERCONNECTED WITH BUILDING PRESSURE MONITOR TO MAINTAIN BUILDING PRESSURE AND COMPLY WITH WSEC C403.5.3.4. 26.5x26.5 ROOF OPENING.



1 ROOF HVAC DUCT OVERALL PLAN

SCALE: 1/8" = 1'-0"

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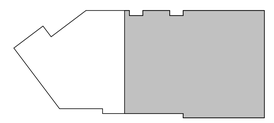
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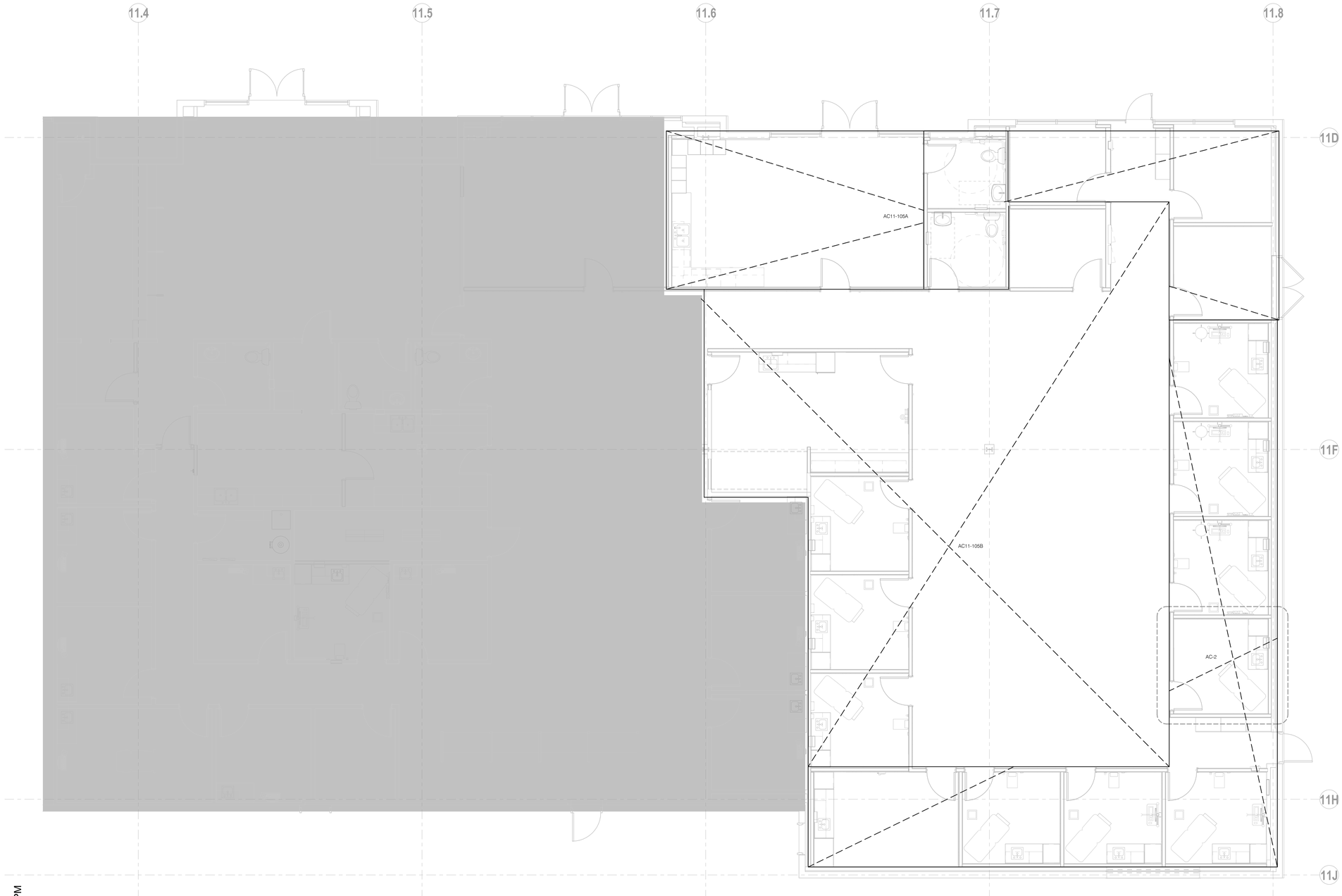
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ROOF OVERALL PLAN

M2.2

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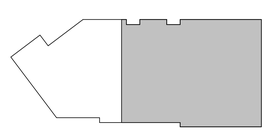


1 ZONING PLAN

SCALE: 1/4" = 1'-0"

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KEY PLAN



PROJECT NORTH

N

0' 4' 8' 16'

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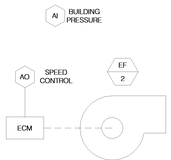
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ZONING PLAN

M5.1

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POINT	DESCRIPTION	TYPE	UNITS
P	BUILDING PRESSURE	AI	-
SC	EXHAUST FAN SPEED CONTROL	AO	HERTZ



SEQUENCE OF OPERATION

1. EXHAUST FAN SHALL OPERATE TO MAINTAIN A BUILDING PRESSURE OF +0.05" WC.

3 EXHAUST FAN WITH EC MOTOR (EF-2)

NO SCALE

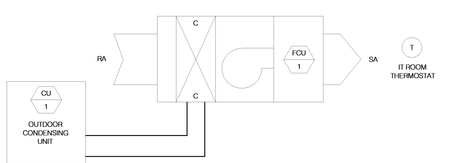
POINT	DESCRIPTION	TYPE	UNITS	REMARKS
COMM	FCU STATUS, CU STATUS, TEMPERATURE, TEMPERATURE SETPOINT, ALARM	-	-	1

REMARKS:

1 ALARM IF SPACE TEMPERATURE EXCEEDS 85°F

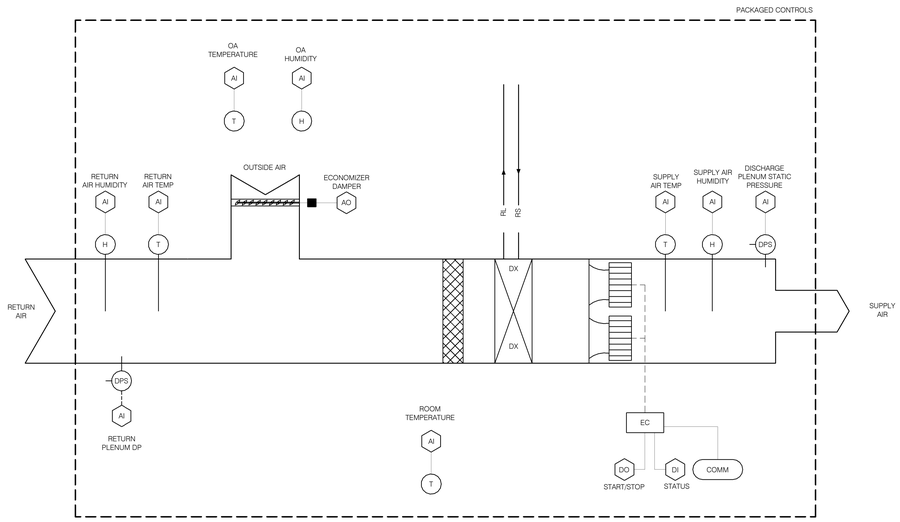
SEQUENCE OF OPERATION

1. GENERAL: CU-2/FCU-2 ARE OPERATED VIA MANUFACTURERS CONTROLS (AVAILABLE 24/7, WHEN NORMAL POWER IS AVAILABLE).
2. NORMAL OPERATION (COOLING ONLY).
   A. THE FCU AND ASSOCIATED CU OPERATE TO PROVIDE COOLING, VIA FACTORY CONTROLS.
   B. SETPOINTS: SPACE TEMPERATURE SETPOINT OF 75°F (ADJUSTABLE).
3. THE MANUFACTURERS STAND ALONE CONTROLLER MONITORS SPACE TEMPERATURE AND CONDENSING UNIT STATUS.
4. CU-1 AND FCU-1 ARE FED NORMAL POWER ONLY. UPON LOSS OF NORMAL POWER, UNITS ARE INCAPABLE OF OPERATION.



2 IT ROOM SPLIT SYSTEM

NO SCALE



SEQUENCE OF OPERATION

1. GENERAL: ROOFTOP HEAT PUMP AC-XX PROVIDE HEATING , COOLING, AND VENTILATION FOR THE SPACE. ALL PARAMETERS AND SETPOINTS ARE ADJUSTABLE BY SINGLE ZONE CONTROLLER. THE HEAT PUMP UNIT INCLUDES A VARIABLE SPEED, DIRECT DRIVE SUPPLY FAN, PRE-FILTER, DX HEATING/COOLING COIL, AND ECONOMIZER.
2. UNIT STARTUP: UTILIZE MANUFACTURERS CONTROL LOGIC TO OPTIMALLY START-UP UNIT.
3. SUPPLY FAN SPEED CONTROL: MANUFACTURERS CONTROLLER SHALL START-UP FAN AS REQUIRED TO MAINTAIN ROOM TEMPERATURE SETPOINT AT T-X. MINIMUM FAN SPEED TO BE SET DURING TAB.
4. SUPPLY AIR TEMPERATURE (SAT) CONTROL: THE HEAT PUMP SHALL BE CONTROLLED TO MAINTAIN ROOM TEMPERATURE AT T-X (ADJ).
5. MIXED AIR TEMPERATURE CONTROL: DURING ECONOMIZER MODE. THE ECONOMIZER (OUTSIDE AIR) AND RETURN AIR DAMPERS SHALL MODULATE USING MANUFACTURERS CONTROL LOGIC.
6. COOLING: THE FIRST STAGE OF COOLING SHALL BE PROVIDED BY THE ECONOMIZER (SEE MIXED AIR TEMPERATURE CONTROL). ON A CONTINUED CALL FOR COOLING THE HEAT PUMP CONTROLS WILL MODULATE TO MAINTAIN ROOM TEMPERATURE AT T-X.
7. HEATING: IN HEATING MODE, THE ROOFTOP HEAT PUMP SHALL MODULATE BASED ON MANUFACTURERS CONTROLLER LOGIC TO MAINTAIN ROOM TEMPERATURE SETPOINT AT T-X .
8. SET POINTS TO BE MAINTAINED PER WSEC C406.3.2 AND C403.4.1.7.
8. SINGLE ZONE CONTROLLER SHALL BE CONFIGURED TO PROVIDE SYSTEM STATUS BY INDICATING THE FOLLOWING:
   A. COMPRESSOR ENABLED.
   B. HEATING ENABLED.
   C. CURRENT VALUE OF EACH SENSOR.
9. HEAT PUMP SHALL OPERATE IN HEAT PUMP MODE WHEN OUTDOOR AIR TEMPERATURE IS >-25 DEGREE F AND THE UNIT IS NOT IN DEFROST MODE PER WSEC C403.3.2.6.

1 ROOFTOP HEAT PUMP

SCALE: NONE

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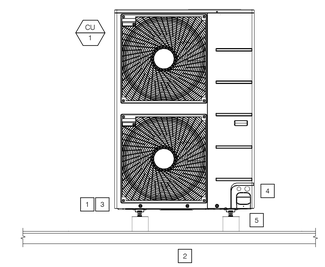
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MECHANICAL CONTROLS

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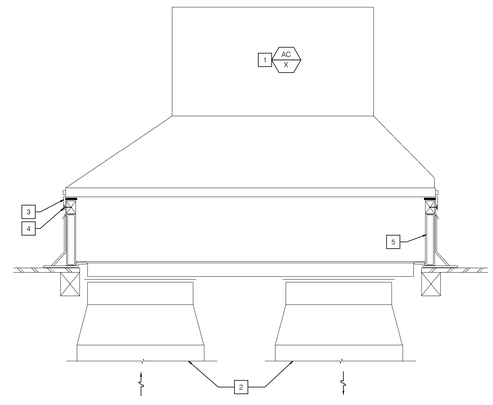


NOTES

1. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR MECHANICAL PLATFORM.
2. EXISTING ROOF DECK.
3. PROVIDE CONDENSING UNIT ON METAL FEET. SECURE TO PAD WITH 2" DEFLECTION SPRING VIBRATION ISOLATORS. EQUAL TO VIBREX RMS, AND SECURE TO PLATFORM.
4. PROVIDE REFRIGERANT LIQUID AND GAS PIPING. PROVIDE FLEX CONNECTION FOR FINAL CONNECTION TO CONDENSING UNIT. COORDINATE WITH ARCHITECT AND STRUCTURAL ENGINEER FOR ROOF PIPE PENETRATION.
5. METAL RAILS. THYBAR TEMS3 - 18" TALL. PROVIDE 3/8" BOLTS AT EACH CORNER MINIMUM.

2 CONDENSING UNIT MOUNTING

SCALE: NONE

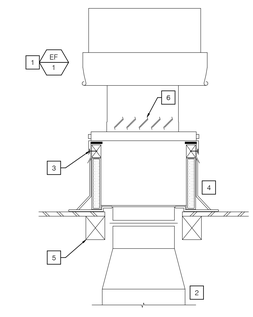


NOTES

1. PROVIDE PACKAGED ROOF TOP UNITS ON MINIMUM 1'-0" HIGH, 18 GAUGE GALVANIZED STEEL, ROOF CURB WITH 1-1/2", THERMAL AND ACOUSTICAL INSULATION. CDI CURBS OR SIMILAR.
2. PROVIDE GALVANIZED STEEL AIR DUCT UP THROUGH ROOF CURB AND CONNECT TO UNIT SUPPLY AND RETURN. PROVIDE FLEX CONNECTION BEFORE FINAL CONNECTION. SIZES PROVIDED ON PLANS.
3. NEW GASKET MATERIAL.
4. SECURE NEW TO EXISTING CURB, AND NEW UNIT TO CURB WITH 1/2" DIA A307 BOLTS. AND SECURE.
5. EXISTING CURB. CONTRACTOR TO CONFIRM SECURELY ANCHORED TO STRUCTURE.

3 ADAPTER CURB DETAIL

SCALE: NONE



NOTES

1. PROVIDE EXHAUST FAN ON MINIMUM 1'-0" HIGH, 18 GAUGE GALVANIZED STEEL, ROOF CURB WITH 1-1/2", 3 POUND THERMAL AND ACOUSTICAL INSULATION. PROVIDE NEOPRENE RUBBER GASKET BETWEEN FAN AND CURB. PROVIDE BACKDRAFT DAMPER AT FAN INLET.
2. PROVIDE GALVANIZED STEEL EXHAUST AIR DUCT UP THROUGH ROOF CURB AND CONNECT TO FAN INTAKE. PROVIDE FLEX CONNECTION BEFORE FINAL CONNECTION.
3. SECURE WITH 1/2" DIA A307 BOLTS. QTY 4.
4. REFER TO STRUCTURAL FOR ATTACHMENT TO ROOF.
5. FRAMING AT OPENING PER STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ROOFING AND FLASHING.
6. MOTORIZED, LOW LEAKAGE DAMPER.

1 EXHAUST FAN DETAIL

SCALE: NONE

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DETAILS

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LEGEND

SYMBOL	DESCRIPTION
	NOTE CALLOUT
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
	PLUMBING FIXTURE CALLOUT, SEE PLUMBING PLANS FOR EXACT LOCATION AND REQUIREMENTS
	EQUIPMENT CALLOUT, SEE PLUMBING PLANS FOR EXACT LOCATION AND REQUIREMENTS
	SECTION CALLOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
4" CHWR	NEW PIPE (SIZE-SERVICE)
	EXISTING PIPE/EQUIPMENT
	DEMOLISHED PIPE/EQUIPMENT
	SANITARY VENT
	DOMESTIC / INDUSTRIAL HOT WATER RETURN
	DOMESTIC / INDUSTRIAL HOT WATER SUPPLY
	DOMESTIC / INDUSTRIAL COLD WATER
	VALVE AT DROP
	VALVE AT RISE
	ELBOW DOWN
	PIPE TEE UP & DOWN OR ELBOW UP
	PIPE TEE DOWN
	PIPE TEE UP
S	SOLENOID VALVE
	GATE VALVE
	BALL VALVE
	BALANCING VALVE
	PRESSURE REDUCING VALVE
	CHECK VALVE, SWING
	PLUG VALVE
	STRAINER, Y-TYPE
FM	FLOW METER
	BACKFLOW PREVENTER
	HOSE BIBB
	PUMP
	FLOOR DRAIN
	FLOOR SINK, 1/2 GRATE
	AREA DRAIN / INDUSTRIAL RECEPTOR
	SHUT-OFF VALVE IN YARDBOX
	FLOOR CLEANOUT
	CLEANOUT TO GRADE
	WALL CLEANOUT
	WATER HAMMER ARRESTOR
	TRAP PRIMER

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
@	AT
A/C	ABOVE CEILING
ABV	ABOVE
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFSR	AUTOMATIC FIRE SPRINKLER RISER
B/F	BELOW FLOOR
B/G	BELOW GRADE
BEL	BELOW
BFP	BACKFLOW PREVENTER
BTM	BOTTOM
BV	BALL VALVE
CI	CAST IRON
CIP	CAST IRON PIPE
CLG	CEILING
COTG	CLEAN-OUT TO GRADE
CU	CUBIC
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING(S)
EQUIP	EQUIPMENT
EWC	ELECTRICAL WATER COOLER
EXIST / (E)	EXISTING
F/A	FROM ABOVE
F/B	FROM BELOW
FCO	FLOOR CLEAN-OUT
FD	FLOOR DRAIN
FF	FINISHED FLOOR
FM	FORCE MAIN
FS	FLOOR SINK
FT	FEET
GPM	GALLONS PER MINUTE
GPR	GAS PRESSURE REGULATOR
H&CW	HOT AND COLD WATER
H/L	HIGH LEVEL
HDR	HEADER
IN	INCHES
L or LAV	LAVATORY
MAX	MAXIMUM
MIN	MINIMUM
MTD	MOUNTED
NTS	NOT TO SCALE
OS & Y	OPEN SCREW AND YOKE
POC	POINT OF CONNECTION
POD	POINT OF DISCONNECTION
PSI	POUNDS PER SQUARE INCH
RD	ROOF DRAIN
RI & C	ROUGH-IN AND CONNECT
SOV	SHUT-OFF VALVE
SQ	SQUARE
SS	SERVICE SINK
T/A	TO ABOVE
T/B	TO BELOW
TP	TRAP PRIMER
TYP	TYPICAL
U	URINAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VTR	VENT THRU ROOF
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEAN-OUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTOR

PIPE SYSTEM ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AR	ARGON
AW	ACID WASTE
AWV	ACID VENT
CO2	CARBON DIOXIDE
C2H4	METHANE
CA	COMPRESSED AIR
CD	CONDENSATE DRAIN
CW	DOMESTIC COLD WATER
DI	DEIONIZED WATER
F	FIRE PROTECTION WATER SUPPLY
G	LOW PRESSURE NATURAL GAS
GW	GREASE WASTE
GWV	GREASE WASTE VENT
H	HYDROGEN
HE	HELIUM
HPA	HIGH PRESSURE COMPRESSED AIR
HPG	HIGH PRESSURE GAS
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RETURN
ICW	INDUSTRIAL COLD WATER
IHW	INDUSTRIAL HOT WATER
IHWR	INDUSTRIAL HOT WATER RETURN
IW	INDIRECT WASTE
LN2	LIQUID NITROGEN
MPG	MEDIUM PRESSURE GAS
N2	NITROGEN
O2	OXYGEN
OD	OVERFLOW DRAIN
RPBA	REDUCED PRESSURE BACKFLOW ASSEMBLY
S	SANITARY
SD	STORM DRAIN
SSD	SUB SOIL DRAINAGE
TW	TEMPERED WATER
TWR	TEMPERED WATER RETURN
V	VENT
VAC	VACUUM
W	WASTE

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE 2021 EDITIONS OF THE WASHINGTON BUILDING, MECHANICAL, PLUMBING, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
2. SUBMISSION OF BID IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH THE CONTRACTOR WILL BE OBLIGATED TO OPERATE UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
3. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
4. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
5. CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
6. CONTRACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO PROPERLY INSTALL ALL PLUMBING SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS AND SPECIFIED HEREIN.
7. CONTRACTOR SHALL DOCUMENT AND RELAY ANY MAJOR DEVIATIONS FROM THE DESIGN DOCUMENTS, AND ATTAIN APPROVAL FROM THE MECHANICAL ENGINEER BEFORE PROCEEDING. AS-BUILT COPIES SHALL BE PROVIDED INDICATING ALL CHANGES / DEVIATIONS MADE DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE COMPLETED AS-BUILT DRAWINGS IN THE LATEST VERSION OF AUTOCAD OR REVIT.
8. NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE FACILITY TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE FACILITY INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
9. THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS PECULIAR TO A SPECIFIC MANUFACTURER. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND SOME FEATURES OF THE ILLUSTRATED EQUIPMENT INSTALLATION MAY REQUIRE REVISION TO MEET ACTUAL EQUIPMENT INSTALLATION REQUIREMENTS. STRUCTURAL SUPPORTS, FOUNDATIONS, CONNECTED PIPING, VALVES, PIPE SUPPORTS AND ELECTRICAL CONDUIT SPECIFIED MAY HAVE TO BE ALTERED OR ADDITIONAL ITEMS REQUIRED TO ACCOMMODATE THE EQUIPMENT PROVIDED. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REVISIONS, ALTERATIONS AND / OR ADDITIONS.
10. PIPING THROUGH FIRE RATED WALLS SHALL BE PER U.L. FIRE RESISTANCE SYSTEM NO. W1001. SEE ARCHITECTURAL PLANS FOR ALL WALL LOCATIONS.
11. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTERS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
12. ALL CONNECTIONS TO EXISTING SERVICES SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. THE CONTRACTOR SHALL GIVE THE OWNER'S REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTION AND THE ACTUAL SHUT DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNER'S REPRESENTATIVE.
13. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS LINE SIZE UNLESS OTHERWISE INDICATED ON DRAWINGS.
14. UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
15. ALL WASTE AND VENT PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.
16. BEFORE FABRICATION OR INSTALLATION, THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL EQUIPMENT AND FIXTURES. EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED IN FIELD.
17. VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FLOOR DRAINS, ROOF, OVERFLOW DRAINS AND FLOOR SINKS.
18. PROVIDE AND INSTALL WATER HAMMER ARRESTORS IN THE FOLLOWING LOCATIONS (ONLY NON-FERROUS ARRESTORS MAY BE INSTALLED IN ANY WATER SYSTEM):
    A. WATER LINES TO LAVATORY HEADERS, WATER CLOSET AND URINAL HEADERS, SERVICE SINKS, KITCHEN SINKS, WASH FOUNTAINS, DRINKING FOUNTAINS, LABORATORIES WITH MEDICAL TYPE FAUCETS AND ON WASH SINKS HAVING 3 OR MORE STATIONS AND ALL OTHER QUICK CLOSING FIXTURE SUCH AS CLOTHES WASHERS, AS CLOSE TO FIXTURE AS POSSIBLE. BETWEEN LAST 2 FIXTURES WHEN 3 OR MORE FIXTURES, OTHER THAN THOSE LISTED IN "A" ABOVE, ARE SERVED BY A COMMON HEADER.
    B. WHEN ARRESTOR SHALL BE INSTALLED IN WALL OR FURRING, FURNISH WITH AN ACCESS PLATE LARGE ENOUGH TO PERMIT REMOVAL OF ARRESTOR. ACCESS PLATE SHALL BE A MINIMUM OF 2 INCHES LARGER IN EACH DIRECTION THAN ARRESTOR AND MINIMUM 12" X 12".
19. CLEANOUTS SHALL BE PROVIDED PER 2021 UPC SECTION 707.0 TO THE FOLLOWING LOCATIONS:
    A. AT EACH BASE OF ROOF DRAIN DOWNSPOUTS.
    B. AT EACH BASE OF WASTE STACK.
    C. AT EVERY 100 FT OF STRAIGHT RUN OF HORIZONTAL PIPING .
    D. AT EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING ONE HUNDRED THIRTY-FIVE (135) DEGREES.
    E. AT EACH HORIZONTAL DRAINAGE PIPE UPPER TERMINAL
    F. ABOVE EACH URINAL.
    G. BELOW EACH SINK.
20. UNLESS SPECIFIED ON STRUCTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS TO STRUCTURAL ELEMENTS BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO START WORK.

SCOPE OF WORK

THIS PROJECT SUPPORTS THE 4,000 SQ FT EXPANSION OF THE EXISTING VALLEY MEDICAL CENTER CLINIC AT KENT STATION. IN THE EXISTING CLINIC, THIS SCOPE INCLUDES REPLACING THE ELECTRIC WATER HEATER, DOMESTIC CIRCULATING PUMP, BACK FLOW PREVENTER, MAIN DOMESTIC COLD WATER PIPE, AND DOMESTIC HOT WATER PIPE FROM THE WATER HEATER TO ACCOMMODATE THE INCREASED DEMAND FROM NEW FIXTURES. PIPING WITHIN DEMOLISHED WALLS WILL BE REROUTED ABOVE THE CEILING.

DOMESTIC PIPING WILL BE ROUTED FROM THE EXISTING CLINIC TO THE EXPANDED CLINIC TO SERVE TWELVE EXAM SINKS, TWO LAVATORIES, TWO GRAVITY TANK WATER CLOSETS, AND TWO BAR SINKS.

WASTE PIPING IS UNDERNEATH EXISTING SLAB ON GRADE AND REQUIRES SCOPING, CUTTING, AND BACKFILLING THE SLAB.

SHEET INDEX

SHEET	DESCRIPTION
P0.0	GENERAL NOTES, LEGEND, ABBREVIATIONS & SHEET INDEX
P1.1	SCHEDULES
PD2.0	SUBFLOOR DEMOLITION PLAN
PD2.1	LEVEL 1 DEMOLITION PLAN
P2.0	SUBFLOOR PLAN
P2.1	LEVEL 1 PLAN
P3.1	LEVEL 1 ENLARGED PLAN
P9.1	DETAILS

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WARREN M. SCHWAB
STATE OF WASHINGTON
29405
REGISTERED
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06/03/2026

Project No: VALL01.25.057

Issue Date: 06/04/2026

Seal:

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GENERAL NOTES, LEGEND, ABBREVIATIONS & SHEET INDEX

P0.0

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EXPANSION TANK

MARK	MANUFACTURER & MODEL	LOCATION	TYPE	SERVICE	TANK STORAGE (GAL)	ACCEPT VOLUME (GAL)	CHARGING PRESSURE (PSIG)	WORKING PRESSURE (PSIG)	OPERATING TEMP (°F)	SIZE DIA x HEIGHT (IN)	SYSTEM CONNECTION (IN)	OPERATING WEIGHT (LBS)	REMARKS
ET-1	AMTROL ST-8	HSKP 115	VERTICAL DIAPHRAGM	DOMESTIC HW	3.2	1.9	32.00	150.0	140	9 x 15	3/4	7	

PLUMBING FIXTURES

MARK	MANUFACTURER & MODEL	FIXTURE TYPE	PIPING REQUIREMENTS					DESCRIPTION
			TRAP (IN)	COLD (IN)	HOT (IN)	WASTE (IN)	VENT (IN)	
P-1 (TOILET ROOM)	KOHLER K-2031-N-0	WALL MOUNTED SINK	1-1/4	1/2	1/2	1-1/2	1-1/2	ADA, WALL HUNG, WHITE VIRTEOUS CHINA, 20-3/4"x18-1/4", SINGLE HOLE, NO OVERFLOW
	CHICAGO FAUCETS 116.607.AB.1	AUTOMATIC FAUCET						ADA, 0.5 GPM LAMINAR FLOW, SENSOR OPERATED, DECK MOUNTED, SINGLE HOLE
	CHICAGO FAUCETS 243.260.00.1	TRANSFORMER						HARDWIRED, 12V AC TRANSFORMER, PROVIDE FLEXIBLE CONDUIT FOR EXPOSED WIRING UNDER LAVATORY
	CHICAGO FAUCETS CF2100	BATTERY BACKUP						EMERGENCY BACKUP POWER SUPPLY SYSTEM
	ZURN Z1231	CONCEALED ARM CARRIER						WALL LAVATORY ADJUSTABLE CONCEALED ARM CARRIER
	CHICAGO FAUCETS 327-ACCCP	DRAIN						1-1/4" GRID STRAINER WASTE, NO OVERFLOW
P-2 (EXAM)	ELKAY LRAD151765	COUNTER MOUNTED SINK	-	1/2	1/2	1-1/2	1-1/2	ADA, SINGLE BOWL, DROP IN, 15"x17"x6-1/2" DEPTH, 18 GAUGE STAINLESS STEEL
	CHICAGO FAUCETS 786-E36CKABCP	FAUCET						ADA, 1.5 GPM LAMINAR, DECK MOUNTED, 8" FIXED CENTERS, 5-1/4" RESTRICTED SWING GOOSNECK, 4" WRIST BLADES, CHROME PLATED FINISH
	ELKAY LK99	DRAIN						3-1/2" STAINLESS STEEL BODY STRAINER BASKET AND TAILPIECE
P-3 (MED PREP)	ELKAY LR1919	COUNTER MOUNTED SINK	-	1/2	1/2	2	2	SINGLE BOWL, DROP IN, 19"x19"x7-1/2" DEEP, 18 GAUGE STAINLESS STEEL
	CHICAGO FAUCETS 786-E36CKABCP	FAUCET						ADA, 1.5 GPM LAMINAR, DECK MOUNTED, 8" FIXED CENTERS, 5-1/4" RESTRICTED SWING GOOSNECK, 4" WRIST BLADES, CHROME PLATED FINISH
	HAWS AXION 7610	EYEWASH						SINK MOUNTED PULLDOWN EYEWASH
	HAWS AXION 9201EW	EYEWASH TEMPERING VALVE	-	1/2	1/2	-	-	1/2" INLET, 1/2" OUTLET TEMPERING VALVE FOR EYEWASH STATIONS, ASSE 1071 COMPLIANT
	ELKAY LK99	DRAIN						3-1/2" STAINLESS STEEL BODY STRAINER BASKET AND TAILPIECE
P-4 (STAFF BREAK)	ELKAY LR2918	COUNTER MOUNTED SINK	-	1/2	1/2	2	2	DOUBLE BOWL, DROP IN, 29"x18"x10" DEEP, 18 GAUGE STAINLESS STEEL
	CHICAGO FAUCETS 786-GN8AE35ABCP	FAUCET						ADA, 1.5 GPM LAMINAR, DECK MOUNTED, 8" FIXED CENTERS, 8" RIGID/SWING GOOSNECK, 4" WRIST BLADES, CHROME PLATED FINISH
	INSINKERATOR HOT250	INSTANT HOT WATER DISPENSER SYSTEM	-	3/8	-	-	-	SELF CLOSING VALVE, 360° SWIVEL, CHROME FINISH, 2/3 GALLON HOT WATER TANK, 160°F-210°F, 115 V, 750 W, 6.25 A WITH GROUNDED 3 PRONG PLUG
	INSINKERATOR POWER 1.0HP	GARBAGE DISPOSAL	1-1/2	-	-	2	-	1.0 HP GARBAGE DISPOSAL WITH DISHWASHER DRAIN CONNECTION, 2 STAGE GRINDING, INSTALL UNDER RIGHT SINK BOWL.
	ELKAY LK99	DRAIN						3-1/2" STAINLESS STEEL BODY STRAINER BASKET AND TAILPIECE, INSTALL ON LEFT SINK BOWL.
EW-1 (SCALED)	HAWS AXION 7610	EYEWASH	-	-	-	-	-	SINK MOUNTED PULLDOWN EYEWASH
	HAWS AXION 9201EW	EYEWASH TEMPERING VALVE	-	1/2	1/2	-	-	1/2" INLET, 1/2" OUTLET TEMPERING VALVE FOR EYEWASH STATIONS, ASSE 1071 COMPLIANT
WC-1 (TOILET ROOMS)	TOTO CST776CEFG	WATER CLOSET	-	1/2	-	4	2	ADA, FLOOR MOUNTED, 1.28 GPF GRAVITY TANK, 12" ROUGH IN
	BEMIS 1955SSCT	SEAT						OPEN FRONT WITHOUT COVER, WHITE, WITH SELF-SUSTAINING CHECKS, FOR ELONGATED BOWL
FS-1 (STAFF BREAK)	JOSUM 49700-LF	FLOOR SINK	-	-	-	2	1-1/2	4" x 8", 3-1/2" DEEP CAST IRON FLOOR AREA AND INDIRECT SANITARY WASTE WITH ACID RESISTING INTERIOR, 2" BOTTOM OUTLET, ALUMINUM INTERNAL STRAINER, CAST IRON HALF SIZE ACID RESISTING GRATE.

NOTE:
ALL FIXTURES SHALL BE PROVIDED WITH MINIMUM ROUGH-IN CONNECTIONS AS INDICATED IN THIS SCHEDULE OR PER MANUFACTURER'S RECOMMENDATIONS.
THE PLUMBING CONTRACTOR SHALL RUN ALL SERVICE LINES, ROUGH-IN AND MAKE FINAL CONNECTIONS TO ALL FIXTURES. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL TRIMS, TAILPIECES, STRAINERS, P-TRAPS, TRAP ARMS, HOT & COLD WATER STOPS AND FAUCETS AS REQUIRED.

DOMESTIC WATER HEATER

MARK	MANUFACTURER & MODEL	TYPE	STORAGE CAPACITY (GAL)	RECOVERY @ 90 °F (GPH)	DIMENSIONS DIA x HEIGHT x DEPTH (IN)	ELECTRICAL			TEMPERATURE		OPERATING WEIGHT (LBS)	REMARKS
						KW	VOLT-PH-HZ	FLA	IN (°F)	OUT (°F)		
DWH-1	AO SMITH DRE-52	ELECTRIC	50	56	22 x 56 x 27	12.3	208-3Ø-60	34	55	140	10	

DOMESTIC CIRCULATING PUMP

MARK	MANUFACTURER & MODEL	DESIGN FLOW (GPM)	DESIGN HEAD (FT WG)	MOTOR HP	ELECTRICAL	TYPE	OPERATING WEIGHT (LBS)	REMARKS
					VOLTS-PH-HZ			
CP-1	GRUNDFOS ALPHA HWR 15-55	3	13	1/16	120-1Ø-60	INLINE	7	

PIPING MATERIALS

	SERVICE	MATERIALS
1.	DRAIN PIPING SANITARY SEWER, GREASE WASTE & STORM BELOW GRADE:	CAST IRON "NO-HUB" PIPE CONFORMING TO CISPI 301 AND ASTM A 888 WITH NEOPRENE GASKET AND HEAVY DUTY, SHIELDED, STAINLESS-STEEL 4 OR 6 BAND COUPLINGS. PIPE WRAP ALL UNDERGROUND PIPING.
2.	DRAIN PIPING SANITARY SEWER, GREASE WASTE & STORM ABOVE GRADE:	CAST IRON "NO-HUB" PIPE CONFORMING TO CISPI 301 AND ASTM A 888 WITH NEOPRENE GASKET AND HEAVY DUTY, SHIELDED, STAINLESS-STEEL 4 OR 6 BAND COUPLINGS.
3.	VENT PIPING FOR SANITARY SEWER, GREASE WASTE ABOVE GRADE:	CAST IRON "NO-HUB" PIPE CONFORMING TO CISPI 301 AND ASTM A 888 WITH NEOPRENE GASKET AND STANDARD, SHIELDED, STAINLESS-STEEL 2 OR 4 BAND COUPLINGS.
4.	DOMESTIC WATER PIPING ABOVE GRADE:	TYPE "L" COPPER TUBING, HARD DRAWN CONFORMING TO ASTM B 88, WITH WROUGHT COPPER SOLDER SWEAT FITTINGS AND LEAD FREE-SOLDER JOINTS.
5.	CONDENSATE DRAIN PIPING:	TYPE "L" COPPER TUBING, HARD DRAWN CONFORMING TO ASTM B 88, WITH WROUGHT COPPER SOLDER SWEAT FITTINGS AND LEAD-FREE SOLDER JOINTS. ALL CONDENSATE DRAIN PIPING WITHIN BUILDING SHALL BE INSULATED. ALL EXPOSED PIPING INCLUDING OVERFLOW CONDENSATE SHALL BE PAINTED TO MATH WALL AND/OR CEILING COLOR. COORDINATE COLOR WITH ARCHITECT.
6.	INDIRECT WASTE EXPOSED:	TYPE "L" COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS WITH 2MM THICK MANVILLE MICRO-LOCK INSULATION.
7.	INSULATION OF DOMESTIC HOT/TEMPERED WATER:	GLASS FIBER PIPE INSULATION WITH FACTORY-APPLIED JACKET CONFORMING TO ASTM C547. 1-INCH THICK FOR PIPE SIZES 1" AND SMALLER. 1 1/2-INCH THICK FOR PIPE SIZES 1 1/4" INCHES AND LARGER. SEAL ALL JOINTS WITH FACTORY-APPLIED, SELF-SEAL LAP AND BUTT STRIPS. JOHNS MANVILLE MICRO-LOK HP OR EQUAL.
8.	PIPE PROTECTION: ALL UNDERGROUND METALLIC PIPE WHETHER BURIED OR ENCASED SHALL BE WRAPPED WITH ANTI-CORROSIVE 20 MIL PVC TAPE AND PRIMED OR INSTALLED IN 8 MIL POLYETHYLENE SLEEVE CONFORMING TO ASTM D-1248 AND/OR ANSI/AWWA C105/A21.5.	
9.	PIPE PROTECTION: PROVIDE NON-CONDUCTING DIELECTRIC CONNECTIONS JOINING DISSIMILAR METALS. LEAD FREE BRASS UNIONS WITH 6-INCH LEAD FREE BRASS NIPPLE.	
10.	QUALITY ASSURANCE: THE PIPING SYSTEMS SHALL BE CONSTRUCTED FROM MATERIALS EXTRUDED AND MOLDED USING THE SAME COMPOUND MANUFACTURER.	
11.	QUALITY ASSURANCE: BOTH THE PIPE AND FITTINGS SHALL BE MANUFACTURED IN NORTH AMERICA AND MEET OR EXCEED THE REQUIREMENTS SET FORTH BY THE AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM) AND ANSI/NSF STANDARDS 14 AND 61.	

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VALLEY MEDICAL CENTER

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SCHEDULES

P1.1

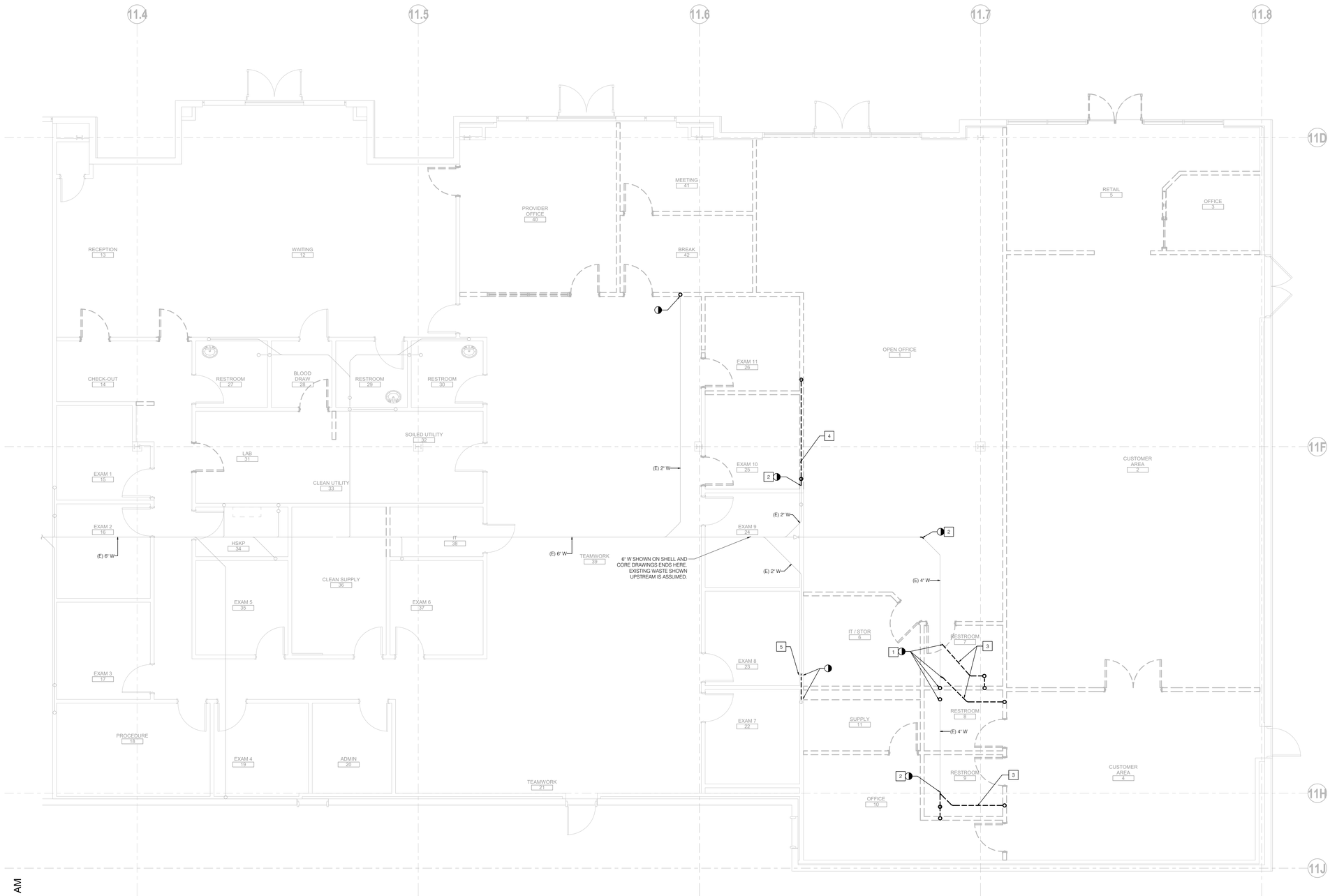
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GENERAL NOTES

1. ONLY SHELL AND CORE WASTE PIPING DRAWINGS WERE AVAILABLE. ALL EXISTING WASTE PIPING OTHER THAN 6" W IS ASSUMED. SCOPE EXISTING PIPING TO VERIFY POINTS OF DISCONNECTION PRIOR TO ANY WORK. CONTACT ENGINEER OF RECORD IF ACTUAL CONDITIONS DIFFER FROM DRAWINGS.

NOTES

1. DISCONNECT WASTE BRANCHES AT WYE FITTINGS AND CAP FITTINGS.
2. DISCONNECT AND MAINTAIN EXISTING WASTE PIPE FOR RECONNECTION.
3. CAP DISCONNECTED SECTION OF PIPE AND ABANDON IN PLACE BELOW SLAB. CAP FLOOR RISERS BELOW FINISHED FLOOR LEVEL.
4. REMOVE WASTE PIPING UNDER SLAB ONLY AS NEEDED TO MAKE CONNECTION ON SHEET P2.0. CAP AND ABANDON REMAINING SECTION UNDER SLAB.
5. SCOPE WASTE PIPE AND DEMOLISH IF LESS THAN 2". MAINTAIN RISERS TO EXISTING FIXTURES FOR RECONNECTION.

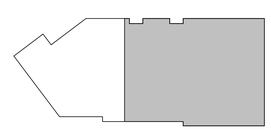


1 SUBFLOOR - PLUMBING PLAN - DEMO

SCALE: 1/4" = 1'-0"

6/3/2026 8:13:09 AM

KEY PLAN



0' 4' 8' 16'

PROJECT NORTH N

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SUBFLOOR DEMOLITION PLAN

PD2.0

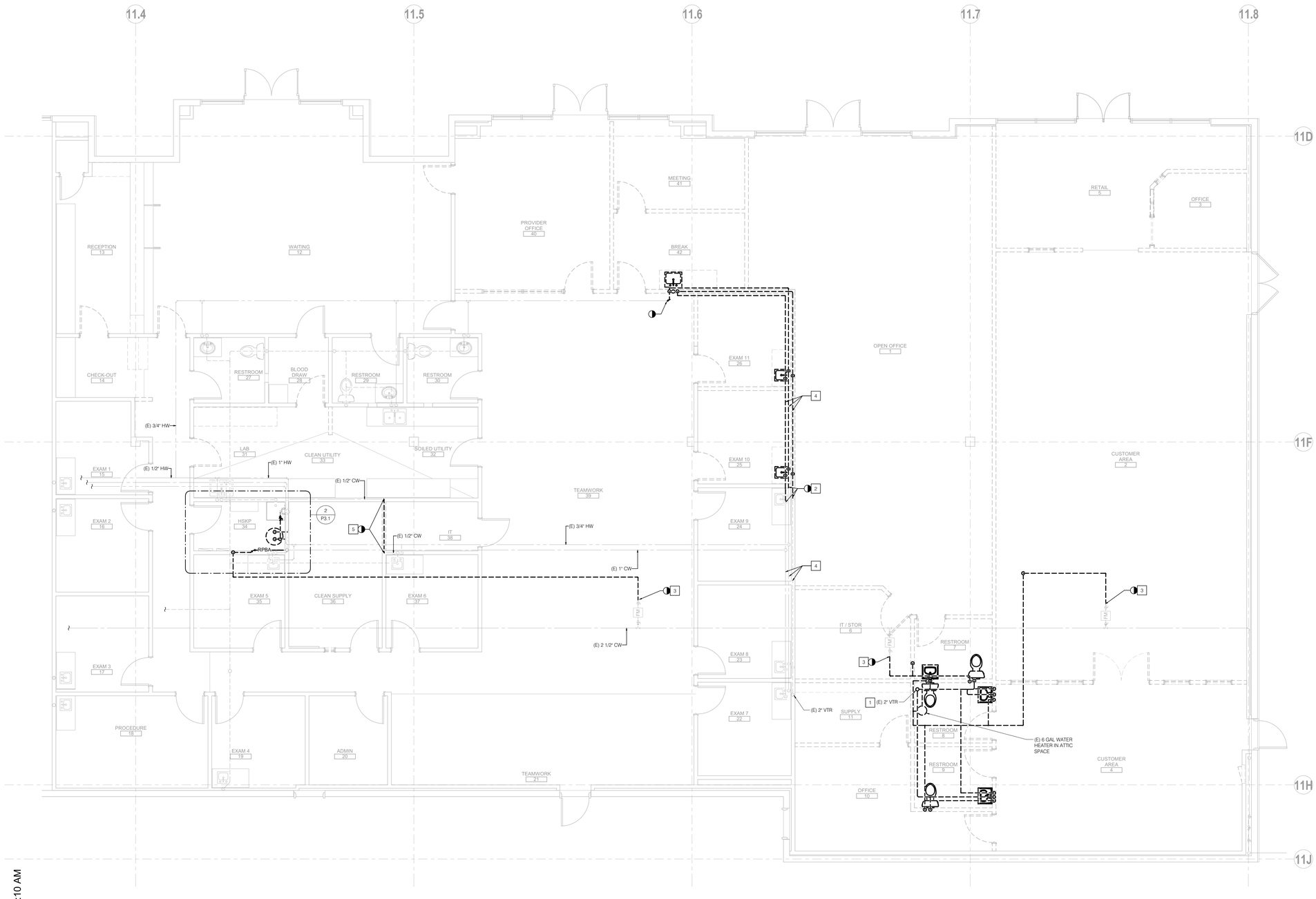
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GENERAL NOTES

1. EXISTING PLUMBING DRAWINGS WERE NOT AVAILABLE. PIPING INSIDE WALLS IS EITHER ASSUMED OR NOT SHOWN. FIELD VERIFY PIPE SIZES AT ALL POINTS OF DISCONNECTION. CONTACT EOR PRIOR TO WORK IF ACTUAL CONDITIONS DIFFER FROM DRAWINGS.

NOTES

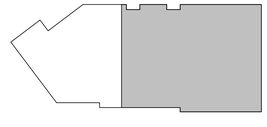
1. DEMOLISH 2" VTR. MAINTAIN ROOF PENETRATION FOR NEW 3" VTR.
2. DISCONNECT CW, HW, AND VENT AT EXISTING EXAM SINK BRANCHES. MAINTAIN HW FOR RECONNECTION TO MAINTAIN EXISTING CIRCULATION LOOP.
3. DEMOLISH ALL PIPING, PLUMBING FIXTURES, AND APPURTENANCES DOWNSTREAM OF VACATED TENANTS' WATER METERS. CAP AND ABANDON WATER METERS.
4. EXISTING CW, HW, AND VENT INSIDE WALL. SHOWN OFFSET FOR CLARITY.
5. DEMOLISHED SECTION OF PIPING TO BE REROUTED IN CEILING SPACE.



1 LEVEL 1 - PLUMBING PLAN - DEMO

SCALE: 1/4" = 1'-0"

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KEY PLAN

0' 4' 8' 16'

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	5/15/26	90% CD Review
	6/04/2026	BID & PERMIT



06/03/2026

Project No: VALL01.25.057

Issue Date: 06/04/2026

Seal:

Sheet:

LEVEL 1 DEMOLITION PLAN

PD2.1

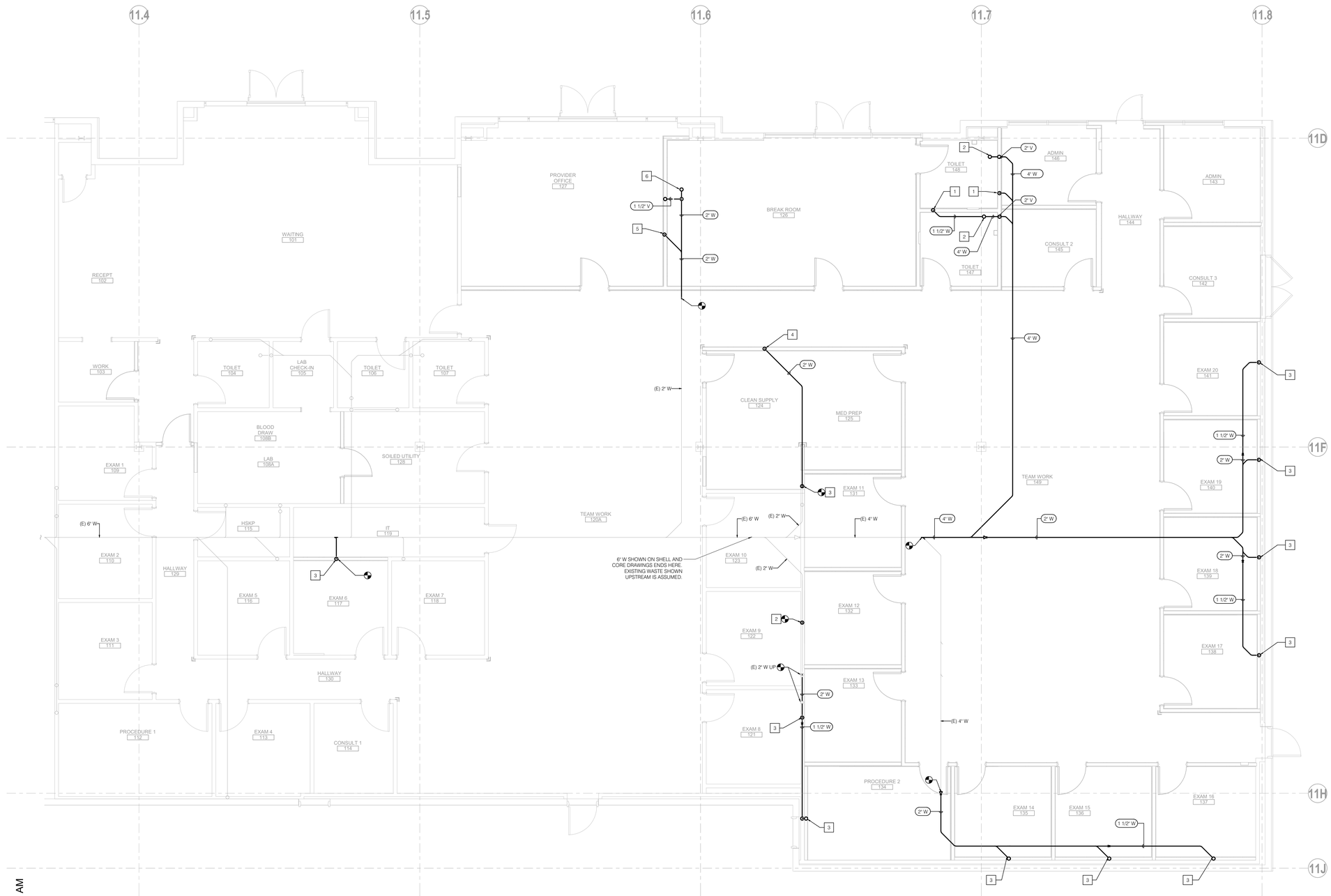
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GENERAL NOTES

1. ONLY SHELL AND CORE WASTE PIPING DRAWINGS WERE AVAILABLE. ALL EXISTING WASTE PIPING OTHER THAN 6" W IS ASSUMED. SCOPE EXISTING PIPING TO VERIFY POINTS OF CONNECTION PRIOR TO ANY WORK. CONTACT EOR IF ACTUAL CONDITIONS DIFFER FROM DRAWINGS.

NOTES

1. 1-1/2" W UP TO P-1.
2. 4" W UP TO WC-1
3. 1-1/2" W UP TO P-2.
4. 2" W UP TO P-3.
5. 2" W UP TO P-4.
6. 2" W UP TO FS-1.

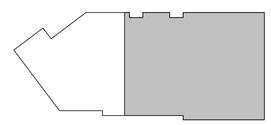


1 SUBFLOOR - PLUMBING PLAN

SCALE: 1/4" = 1'-0"

6/3/2026 8:13:11 AM

KEY PLAN



0' 4' 8' 16'

PROJECT NORTH N

COLLINS WOERMAN

710 Second Avenue, Suite 1400
Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N
SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE Valley
VALLEY MEDICAL CENTER

Consultant:

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SUBFLOOR PLAN

P2.0

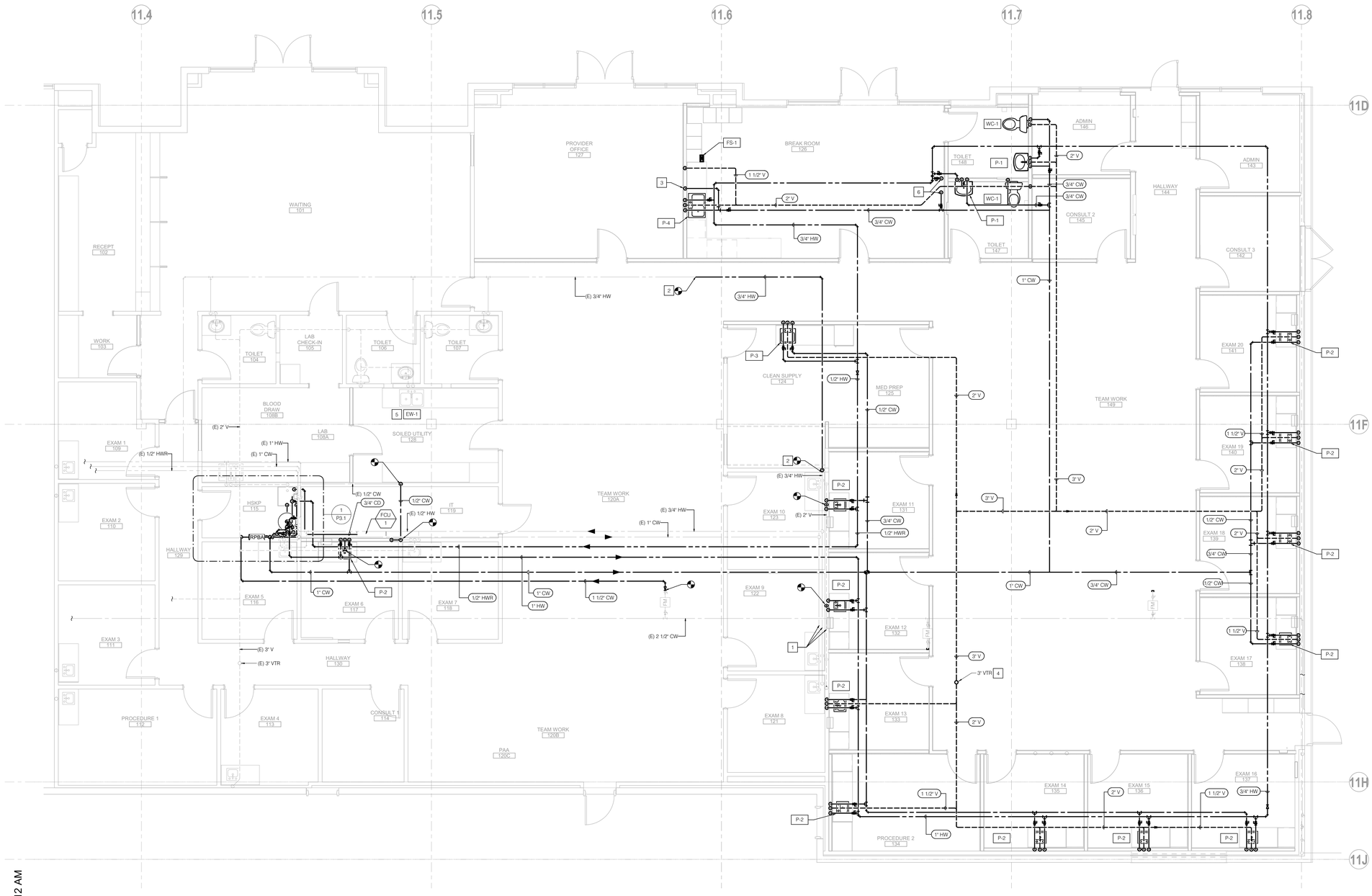
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GENERAL NOTES

1. EXISTING PLUMBING DRAWINGS WERE NOT AVAILABLE. PIPING INSIDE WALLS IS EITHER ASSUMED OR NOT SHOWN. FIELD VERIFY PIPE SIZES AT ALL POINTS OF DISCONNECTION AND CONNECTION. CONTACT EOR PRIOR TO WORK IF ACTUAL CONDITIONS DIFFER FROM DRAWINGS.
2. PROVIDE BALL VALVES IN ALL HW AND CW BRANCHES TO FIXTURES IN ACCESSIBLE LOCATION ABOVE CEILING.
3. PROVIDE CLEAN OUT TEE ON ALL SINKS AND LAVATORIES. LOCATE BELOW WASTE TEE.
4. PROVIDE CLEANOUTS FOR WATER CLOSETS IN A VERTICAL POSITION AT A HEIGHT ABOVE THE GRAB BAR. PROVIDE ACCESS PANELS TO CLEANOUTS. DO NOT LOCATE CLEAN OUT FITTINGS IN FLOORS OF TOILET ROOMS.

NOTES

1. EXISTING CW, HW, AND VENT INSIDE WALL. SHOWN OFFSET FOR CLARITY.
2. CONNECT EXISTING HOT WATER LOOP THAT WAS PREVIOUSLY INSIDE DEMOLISHED WALL.
3. PROVIDE 1/2" HW AND 1/2" CW STOP VALVE UNDER P-4 FOR CONNECTION TO DISHWASHER AND ICE MACHINE. SEE DETAIL 2/P9.1.
4. 3" VTR IN SAME LOCATION AS DEMOLISHED 2" VTR. SEE ARCHITECTURAL FOR ROOF FLASHING.
5. ADD EYEWASH "EW-1" TO EXISTING SINK.
6. PROVIDE 1/2" CW/HW LINES TO TEMPORARY SINK DURING CONSTRUCTION. SEE ARCHITECTURAL PHASING PLANS FOR LOCATION. DEMOLISH LINES BACK TO BALL WHEN PHASING IS COMPLETE. TIE TEMPORARY SINK WASTE INTO ADJACENT P-1.



1 LEVEL 1 - PLUMBING PLAN

SCALE: 1/4" = 1'-0"

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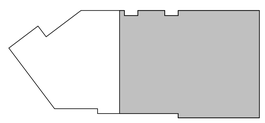


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KEY PLAN

PROJECT NORTH

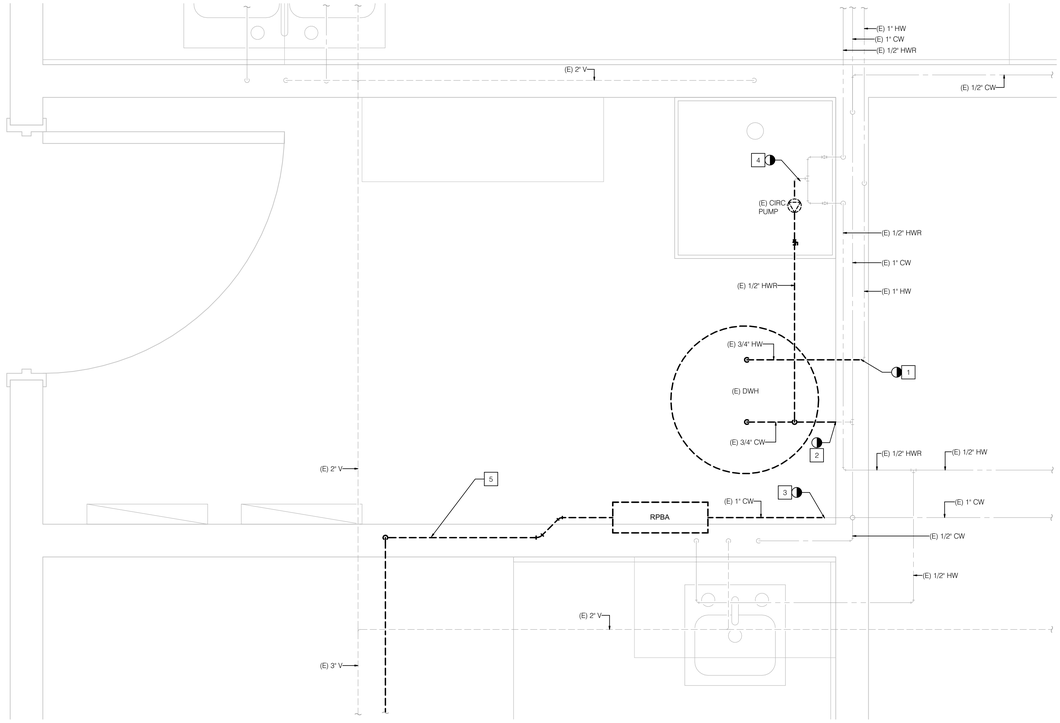
0' 4' 8' 16'

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LEVEL 1 PLAN

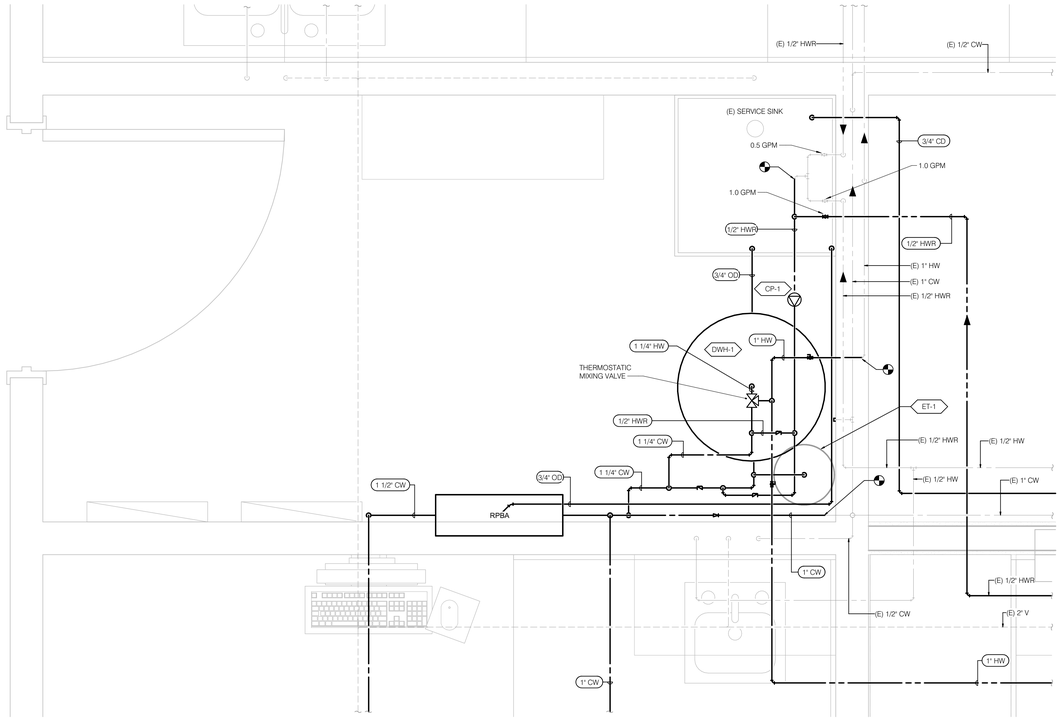
P2.1

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2 LEVEL 1 - ENLARGED PLAN - DEMO

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



1 LEVEL 1 - ENLARLGED PLAN

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

6/3/2026 8:13:12 AM

GENERAL NOTES

1. EXISTING PLUMBING DRAWINGS WERE NOT AVAILABLE. PIPING INSIDE WALLS IS EITHER ASSUMED OR NOT SHOWN. FIELD VERIFY PIPE SIZES AT ALL POINTS OF DISCONNECTION AND CONNECTION. CONTACT EOR PRIOR TO WORK IF ACTUAL CONDITIONS DIFFER FROM DRAWINGS.
2. SEE DETAIL 1/P9.1.

NOTES

1. DEMOLISH 3/4" HW PIPE FROM WATER HEATER UP TO 1" HW IN WALL. MAINTAIN 1" HW FOR RECONNECTION.
2. DEMOLISH 3/4" CW PIPE AND CAP OUTSIDE OF WALL.
3. DEMOLISH 1" CW MAIN OUTSIDE OF WALL. MAINTAIN FOR RECONNECTION.
4. DEMOLISH 1/2" HWR DOWNSTREAM OF EXISTING BALANCING VALES. MAINTAIN FOR RECONNECTION.
5. CAP AND ABANDON SECTION OF (E) 1" CW INSIDE WALL.

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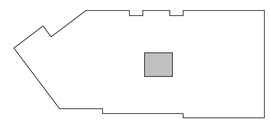


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KEY PLAN

PROJECT NORTH

0' 4' 8' 16'

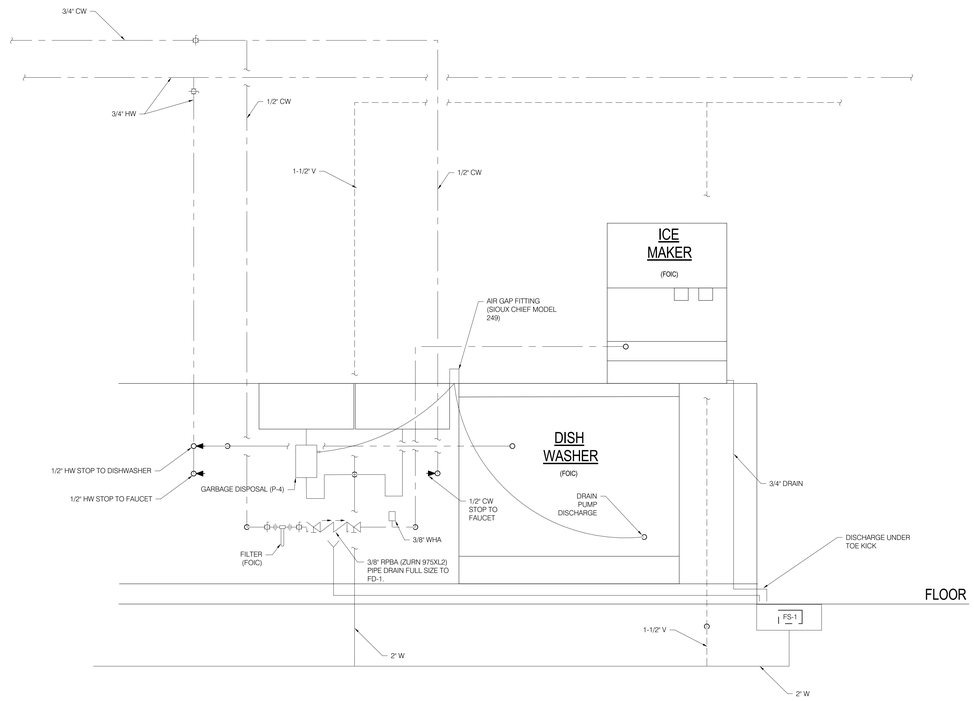
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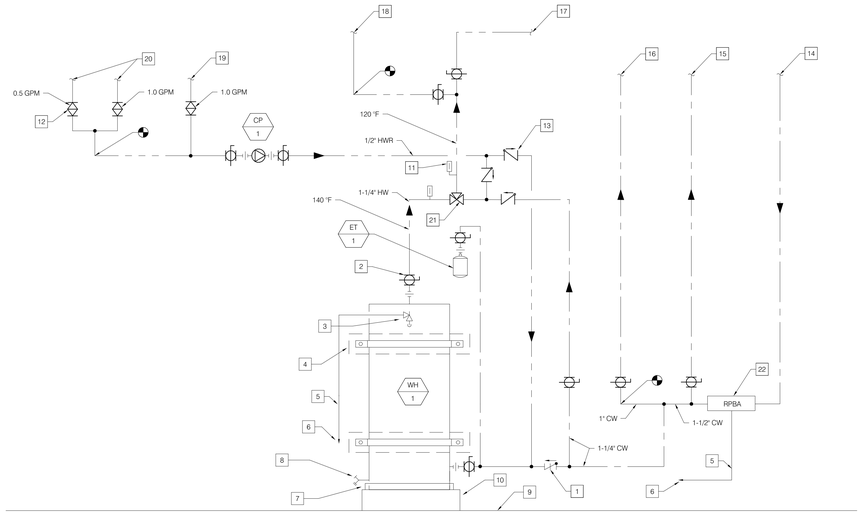
LEVEL 1
ENLARGED PLAN

P3.1

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2 STAFF BREAK SINK, ICE MAKER, AND DISHWASHER
NO SCALE



NOTES

1	NON SLAM CHECK VALVE.	12	CIRCUIT SETTER (TYP.)
2	BALL VALVE (TYP.)	13	CHECK VALVE. (TYP).
3	TEMPERATURE AND PRESSURE RELIEF VALVE. SET FOR 125 PSI.	14	1-1/2" CW FROM WATER METER.
4	EQUIVALENT TO 'SPACEMAKER E-25-100 SEISMIC RESTRAINT SYSTEM.	15	1° CW TO CLINIC EXPANSION.
5	3/4" DRAIN.	16	(E) 1° CW.
6	ROUTE DRAIN LINE TO SERVICE SINK.	17	1° HW TO CLINIC EXPANSION.
7	DRAIN PAN WITH PIPE TO SERVICE SINK.	18	(E) 1° HW.
8	DRAIN VA.VE.	19	1/2" HWR FROM CLINIC EXPANSION.
9	EXISTING FINISHED FLOOR.	20	(E) 1/2" HWR.
10	EXISTING CONCRETE HOUSE KEEPING PAD.	21	TMV. WATTS 1 1/4" LFN170-M3-CSUT OR EQUIVALENT.
11	THERMOMETER (TYP.)	22	RPBA. ZURN 1 1/2" 975XL2 OR EQUIVALENT.

1 HOUSEKEEPING - ELECTRIC WATER HEATER UPGRADE
NO SCALE

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AARON M. SCHWAB — STATE OF WASHINGTON — 36469 — REGISTERED PROFESSIONAL ENGINEER

06/03/2026

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DETAILS

P9.1

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TELECOM LEGEND

SYMBOL	DESCRIPTION
	STANDARD OUTLET - PROVIDE (3) CAT 6A.
	VOICE / DATA OUTLET - WALL MOUNTED. PROVIDE (3) CAT 6A CABLES / JACKS TERMINATED IN A 4-PORT FACEPLATE AT 18" AFF. PROVIDE 5S JBOX WITH SINGLE GANG MUDRING AND 1-1/4" CONDUIT STUBBED TO ACCESSIBLE CEILING LOCATION. PROVIDE BUSHINGS AND PULLSTRING, U.O.N.
	DATA OUTLET - WALL MOUNTED. PROVIDE (X) QUANTITY OF CAT 6A CABLES / JACKS TERMINATED IN A 6-PORT FACEPLATE AT 18" AFF. PROVIDE 5S JBOX WITH SINGLE GANG MUDRING AND 1-1/4" CONDUIT STUBBED TO ACCESSIBLE CEILING LOCATION. PROVIDE BUSHINGS AND PULLSTRING, U.O.N.
	FURNITURE FEED DEDICATED JUNCTION BOX. PROVIDE 5S JUNCTION BOX WITH (2) 2" CONDUITS TO ACCESSIBLE CEILING. FOR COMMUNICATIONS CABLING ONLY.
	FLOOR MOUNTED FURNITURE FEED. PROVIDE 2" CONDUITS AS REQUIRED TO SERVE FURNITURE SYSTEM AS SHOWN ON THE DRAWINGS. ROUTE CONDUIT TO NEAREST FURRED WALL AND UP TO ACCESSIBLE CEILING SPACE. FOR COMMUNICATIONS CABLING ONLY.
WAP	WIRELESS ACCESS POINT OUTLET - CEILING MOUNTED. PROVIDE (2) CAT 6A CABLES / JACKS TERMINATED IN A SURFACE MOUNT BOX ABOVE FINISHED CEILING. (NOTE: AT HARDLID CEILING LOCATIONS, PROVIDE 5S JBOX WITH 1-1/4" CONDUIT STUBBED TO ACCESSIBLE CEILING LOCATION. PROVIDE BUSHINGS AND PULLSTRING, U.O.N. TERMINATE CABLES ON JACKS IN 2-PORT FACE PLATE.
	CABLE TRAY. REFER TO DRAWINGS FOR SIZING.
	J-HOOK

FIRE ALARM LEGEND

EDH	ADDRESSABLE SMOKE DETECTOR
F	ADDRESSABLE MANUAL PULL STATION
	MULTI-CANDELA WALL STROBE
	MULTI-CANDELA CEILING STROBE
	MULTI-CANDELA CEILING HORN STROBE

NURSE CALL LEGEND

SYMBOL	DESCRIPTION
	PATIENT NURSE CALL
	TOILET EMERGENCY STATION
	DOME LIGHT - CEILING MOUNT
	DOME LIGHT - WALL MOUNT
D	DUTY STATION
M	MASTER ANNUNCIATOR STATION
NC	NURSE CALL PANEL

SECURITY LEGEND

SYMBOL	DESCRIPTION
	WALL MOUNTED CAMERA. PROVIDE 5S BACK BOX W/ A 1" EMT CONDUIT STUBBED INTO NEAREST ACCESSIBLE CEILING SPACE (U.O.N). PROVIDE ALL CONDUIT, CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRINGS, OUTLET BOX AND MUD RING. EACH CAMERA TO HAVE ONE(1) CATEGORY 6 CABLE PROVIDED BY SECURITY CONTRACTOR.
	CEILING MOUNTED CAMERA. PROVIDE 5S BACK BOX W/ A 1" EMT CONDUIT STUBBED INTO NEAREST ACCESSIBLE CEILING SPACE (U.O.N). PROVIDE ALL CONDUIT, CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRINGS, OUTLET BOX AND MUD RING. EACH CAMERA TO HAVE ONE(1) CATEGORY 6 CABLE PROVIDED BY SECURITY CONTRACTOR.
SDC	SECURITY DOOR CONTACT. PROVIDE 5S BACK BOX ABOVE DOOR WITH A 1" EMT CONDUIT STUBBED INTO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE ALL CONDUIT, CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRINGS, OUTLET BOX AND MUD RING.
REX	REQUEST-TO-EXIT. ELECTRICAL CONTRACTOR SHALL PROVIDE 1" EMT CONDUIT CONNECTED TO THE DOOR POSITION SWITCH BOX. PROVIDE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRINGS, OUTLET BOX AND MUD RING.
CR	CARD READER OUTLET. PROVIDE 5S BACK BOX AT SWITCH HEIGHT WITH A 1" EMT CONDUIT CONNECTED TO THE DOOR CONTACT OUTLET BOX. PROVIDE ALL CONDUIT, CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRINGS, OUTLET BOX AND MUD RING.
PB	PUSH BUTTON OUTLET. PROVIDE 5S BACK BOX WITH A 1" EMT CONDUIT STUBBED INTO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE ALL CONDUIT, CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRINGS, OUTLET BOX AND MUD RING.
	DURESS BUTTON OUTLET. PROVIDE 5S BACK BOX WITH A 1" EMT CONDUIT STUBBED INTO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE ALL CONDUIT, CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRINGS, OUTLET BOX AND MUD RING.
KP	KEY PAD. ELECTRICAL CONTRACTOR SHALL PROVIDE 5S BACK BOX WITH A 1" EMT CONDUIT STUBBED INTO NEAREST ACCESSIBLE CEILING SPACE. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, CONDUIT SUPPORT, CONNECTORS, COUPLINGS, PLASTIC BUSHINGS, PULL STRINGS, OUTLET BOX AND MUD RING.
	SECURITY MOTION SENSOR. PROVIDE 1-GANG BACK BOX AND (1) 1" CONDUIT STUBBED UP TO ACCESSIBLE CEILING SPACE. PROVIDE BUSHINGS AND PULLSTRING, U.O.N.
DR	DOOR RELEASE BUTTON. PROVIDE 1-GANG BACK BOX AND (1) 1" CONDUIT STUBBED UP TO ACCESSIBLE CEILING SPACE. PROVIDE BUSHINGS AND PULLSTRING, U.O.N.
	PANIC LIGHT. PROVIDE 1-GANG BACK BOX AND (1) 1" CONDUIT STUBBED UP TO ACCESSIBLE CEILING SPACE. PROVIDE BUSHINGS AND PULLSTRING, U.O.N.

LEGEND

SYMBOL	DESCRIPTION
	NOTE CALLOUT
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
	MECHANICAL EQUIPMENT CALLOUT. SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS
	SECTION CALLOUT
	FEEDER CALLOUT
	EXISTING FEEDER CALLOUT
	NEW LINEWORK
	EXISTING LINEWORK
	DEMOLISHED LINEWORK
	CONDUIT CONCEALED IN WALL OR ABOVE CEILING
	CONDUIT EXPOSED
	CONDUIT CONCEALED UNDERGROUND OR BELOW FLOOR
	CONDUIT EMERGENCY
	MULTI-CHANNEL RACEWAY
	CONDUIT TURNED UP
	CONDUIT CAPPED
A-1	BRANCH CIRCUIT HOMERUN TO PANELBOARD AND CIRCUITS AS INDICATED
	3/4" CONDUIT, TICK MARKS INDICATE QUANTITY OF #12 AWG WIRES (UNLESS NOTED OTHERWISE, NO MARKS INDICATES 2#12 & 1#12 GND WIRES) - SMALL MARK DENOTES HOT WIRE - LARGE MARK DENOTES NEUTRAL WIRE - DIAGONAL DENOTES GROUND WIRE
	CIRCUIT BREAKER
	TRANSFORMER
	GROUND CONNECTION
M	MOTOR - SINGLE PHASE FRACTIONAL OR INTEGRAL HORSEPOWER
M	METER
	PANEL
	FUSED DISCONNECT SWITCH
	NON-FUSED DISCONNECT SWITCH
	COMBINATION STARTER/DISCONNECT SWITCH
M R	SWITCH MOTOR RATED
X y	2X4 LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
	2X4 EMERGENCY LIGHT FIXTURE FED FROM GENERATOR/ INVERTER/ BATTERY BACKUP
X y	2X2 LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
	2X2 EMERGENCY LIGHT FIXTURE FED FROM GENERATOR/ INVERTER/ BATTERY BACKUP
X y	LINEAR LIGHT FIXTURE, DIMENSIONS PER PLANS - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
	EMERGENCY LINEAR LIGHT FIXTURE, DIMENSIONS PER PLANS - LIGHT FIXTURE FED FROM GENERATOR/ INVERTER/ BATTERY BACKUP
X y	LINEAR PENDANT LIGHT FIXTURE, DIMENSIONS PER PLANS - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
X y	UNDERCABINET / COVE FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
X y	LED STRIP LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.

SYMBOL	DESCRIPTION
X y	DOWNLIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
X y	EMERGENCY DOWNLIGHT FIXTURE FED FROM GENERATOR/ INVERTER/ BATTERY BACKUP
X y	PENDANT LUMINAIRE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
	WALLWASH LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
X y	WALL MOUNTED LIGHT FIXTURE - UPPER CASE LETTER INDICATES LIGHT FIXTURE CALLOUT. LOWER CASE LETTER INDICATES LIGHTING CONTROL ZONE.
	EMERGENCY WALL MOUNTED LIGHT FIXTURE FED FROM GENERATOR/ INVERTER/ BATTERY BACKUP
	IN-GRADE LUMINAIRE
	PATHWAY LUMINAIRE
	LANDSCAPE FIXTURE
	EXIT LIGHT FIXTURE WITH DIRECTIONAL ARROWS AS INDICATED. SHADED SIDE DENOTES NUMBER OF FACES
	JUNCTION BOX
PC	PHOTOCELL FOR EXTERIOR APPLICATIONS
	DAYLIGHT SENSOR - CEILING MOUNTED
R	RELAY
ER	EMERGENCY RELAY UL 924 COMPLIANT
M	MOTION SENSOR - CEILING MOUNTED
M	MOTION SENSOR - CORNER OR WALL MOUNTED
M	MOTION SENSOR WITH AISLE/CORRIDOR LENS - CEILING MOUNTED
DA	COMBINATION MOTION AND DAYLIGHT SENSOR
N	LIGHTING CONTROL NETWORK DEVICE
T	DIGITAL TIMER SWITCH
MS	MOTION SENSOR SWITCH
LV	LOW VOLTAGE SWITCH
DM	DIMMER MASTER SWITCH
D	DIGITAL DIMMING SWITCH
	GRAPHICAL TOUCH SCREEN - LIGHTING CONTROL STATION
	THERMOSTAT WITH A 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE
	MODULAR FURNITURE - FLOOR BOX FEED CONNECTION
	MODULAR FURNITURE - POWER POLE FEED CONNECTION
	PANELBOARD - RECESSED MOUNTED
S	SINGLE POLE SWITCH, DEVICE SHALL BE MOUNTED +48" MAX AND +36" MIN FROM THE CENTER OF DEVICE.
S3	SWITCH 3-WAY (48" AFF MAXIMUM)
ST	TIMER SWITCH (48" AFF MAXIMUM)
Sab	DUAL SWITCH (48" AFF MAXIMUM)
	PUSHBUTTON SWITCH
	RECESSED ON WALL G=GFI, WP=WEATHERPROOF SURFACE G=GFI, WP=WEATHERPROOF FLOOR OR CEILING C=CEILING
	20A, 125V DUPLEX RECEPTACLE MOUNTED +15" AFF, UNLESS OTHERWISE NOTED
	20A, 125V QUAD RECEPTACLE MOUNTED +15" AFF, UNLESS OTHERWISE NOTED
	20A, 125V DUPLEX RECEPTACLE RECEPTACLE ON DEDICATED CIRCUIT
	20A, 125V CONTROLLED DUPLEX RECEPTACLE
	20A, 125V QUAD RECEPTACLE (HALF) CONTROLLED RECEPTACLE
	SPECIAL RECEPTACLE REFER TO DRAWINGS FOR NEMA CONFIGURATION
	JUNCTION BOX
	RECESSED POKE-THROUGH RECESSED POKE-THROUGH - POWER/TEL/DATA RECESSED FLOOR BOX - POWER/TEL/DATA
	20A, 125V DUPLEX RECEPTACLE FIRE RATED TYPE
	20A, 125V QUAD RECEPTACLE FIRE RATED TYPE

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
&	AND
1/C	SINGLE CONDUCTOR
@	AT
A OR AMP	AMPERES
A.C.	ASPHALT CONCRETE
ABV	ABOVE
AF	AMPERE FUSE RATING
AFC	AVAILABLE FAULT CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
APPROX.	APPROXIMATE
ARCH.	ARCHITECT; ARCHITECTURAL
AS	AMPERE SWITCH RATING
ASCC	AVAILABLE SHORT CIRCUIT CURRENT
ATC	AIR TERMINAL CHAMBER
ATO	AUTOMATIC THROW-OVER (SWITCH)
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
B.S	BARE STRANDED
BAT	BATTERY
BEL	BELOW
BKBD	BACKBOARD
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
C.O.	CONDUIT ONLY WITH PULL WIRE
CB	CIRCUIT BREAKER
CC	CONSTANT CURRENT
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CP	COMMUNICATION PROCESSOR
CPT	CONTROL POWER TRANSFORMER
CR	CONTROL RELAY
CSFD	COMBINATION SMOKE FIRE DAMPER
CT	CURRENT TRANSFORMER
CU	COPPER
CW	COLD WATER
DIAG	DIAGRAM
DIS	DISCONNECT
DIST.	DISTANCE
DL	DAMP LOCATION LISTING
DM	DIGITAL METER
DMM	DIGITAL METER MODULE
DP	DISTRIBUTION PANEL
DWG	DRAWING
DWP	DEPARTMENT OF WATER & POWER
EA	EACH
ECM	ELECTRIC CIRCUIT MONITOR
ELEC.	ELECTRICAL
EM	EMERGENCY
EMH	ELECTRICAL MANHOLE
EMT	ELECTRICAL METALLIC TUBING
EPO	EMERGENCY POWER OFF
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
ERR	EXISTING TO BE RELOCATED AND RECONNECTED
EXIST/(E)	EXISTING
EXP	EXPLOSION PROOF
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FFE	FINISHED FLOOR ELEVATION
FIN	FINISH
FIP	FIELD INTERFACE PANEL
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FLUOR	FLUORESCENT
FMC	FLEXIBLE METAL CONDUIT
FO	FIBER OBTIC
FT	FEET
FTG	FOOTING
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
GFR	GROUND FAULT RELAY
GG	GREEN GROUND
GND	GROUND
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HT	HEIGHT
HTR	HEATER
HV	HIGH VOLTAGE
HZ	HERTZ
ICON	INTEGRATED COMMUNICATIONS OPTICAL NETWORK
IE	INVERT ELEVATION
IED	INTELLEGENT ELECTRONIC DEVICE
IMC	INTERMEDIATE METAL CONDUIT
INCAND	INCANDESCENT
ISC	SHORT CIRCUIT CURRENT
J, JB, J-BOX	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT-AMPERES
KW	KILOWATT
LF	LINEAR FEET

ABBREVIATION	DESCRIPTION
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LGST	LARGEST
LIS	LOAD INTERRUPTER SWITCH
LOC.	LOCATION
LOTO	LOCK-OUT & TAG-OUT
LSI	LONG TERM, SHORT TERM, INSTANTANEOUS
LSIG	LONG TERM, SHORT TERM, INSTANTANEOUS GROUNDING
LTG	LIGHTING
LV	LOW VOLTAGE
M	METER
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPS
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MFGR, MFR	MANUFACTURER
MH	MANHOLE
MI	MECHANICAL INTERLOCK
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MRCT	MULTI-RATIO CURRENT TRANSFORMER
MTD	MOUNTED
MTG	MOUNTING
MTR	MOTOR
MTTB	MAIN TELEPHONE TERMINAL BOARD
MV	MEDIUM VOLTAGE
N	NORTH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT- 24HRS ON
NO.	NUMBER
OC	ON CENTER
OCPD	OVERCURRENT PROTECTIVE DEVICE
OD	OUTSIDE DIAMETER
OE	OVERHEAD ELECTRICAL
OFC	OIL FUSED CUTOUT
OH	OVER HEAD
OL	OIL LEVER SWITCH
P	POLE
PAC	PROGRAMMABLE AUTOMATION CONTROLLER
PB	PULL BOX
PC	PHOTOCELL
PCB	POLYCHLORINATED BIPHENYL
PDS	PRESSURE DIFFERENTIAL SWITCH
PF	POWER FACTOR
PH OR Ø	PHASE
PILC	PAPER INSULATED, LEAD COVER
PIV	POST INDICATING VALVE
PL	PLATE
PLC	PROGRAMMABLE LOGIC CONTROLLER
PNL	PANEL
POC	POINT OF CONNECTION
PREF.	PREFERRED
PRI.	PRIMARY
PVC	POLY-VINYL CHLORIDE
PWR	POWER
REC/RECEPT	RECEPTACLE
REQD	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
RMC	RIGID METAL CONDUIT
RPBP	REDUCED PRESSURE BACK FLOW PREVENTER
RTAC	REAL TIME AUTOMATION CONTROLLER
SCCR	SHORT CIRCUIT CURRENT RATING
SCE	SOUTHERN CALIFORNIA EDISON
SF	SQUARE FEET
SHT	SHEET
SIG.	SIGNAL
SP	SPARE
SPECS	SPECIFICATIONS
ST	STREET
STD	STANDARD
STP	SHIELDED TWISTED PAIR
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SWST	SWITCHING STATION
T.O.D.	TOP OF DUCTBANK
T.O.M.	TOP OF MANHOLE
TB	TERMINAL BLOCK
TEL./TELE	TELEPHONE
TMH	TELEPHONE MANHOLE
TPS	TWISTED SHIELDED PAIR
TRANSF, XFMR	TRANSFORMER
TS	TAMPER SWITCH
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPERES
VB	VIBRATION SWITCH
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
Z	IMPEDIANCE

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD ABBREVIATIONS AND OTHER STANDARD INDUSTRY CONVENTIONS.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL OTHER APPLICABLE FEDERAL AND STATE CODES. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS, THE CONSTRUCTION DOCUMENTS SHALL GOVERN BUT THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE ANY CODE OR REGULATION.
2. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS' LABEL (UL) AND SHALL BE INSTALLED IN THE MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
3. THE CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANY WAY CUT INTO ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT OR STRUCTURAL ENGINEER.
4. MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE NOTES:

   ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAILS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCES AND DISPLACEMENT REQUIREMENTS.

   A. ALL PERMANENT EQUIPMENT AND COMPONENTS.

   B. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.

   C. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

   - THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENT SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

     A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.

     B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

   - FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.
5. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES:

   PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN LATEST SECTIONS OF ASCE.

   THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.
6. BRANCH CIRCUITING SHALL BE BIDDER DESIGNED.

   IN GENERAL, WIRE COUNTS ARE NOT INDICATED ON PLANS. FOR EACH 20 AMP 120 VOLT AND 277 VOLT CIRCUIT, PROVIDE 1 #12 PHASE CONDUCTOR, AND 1 #12 GROUNDING CONDUCTOR. GROUND WIRE SHALL BE GREEN SHEATHED. WHERE WIRE SIZES/COUNTS ARE INDICATED ON THE DRAWINGS, PROVIDE THESE CIRCUIT CONDUCTORS (INCLUDING NEUTRAL AND GROUNDING CONDUCTOR FOR THE PORTION OF THE CIRCUIT IN WHICH THEY SHARE A COMMON CONDUIT).

   DO NOT COMBINE MORE THAN THREE SINGLE-PHASE CIRCUITS INTO A SINGLE 3/4" CONDUIT. IN ALL CASES OF TWO OR THREE CIRCUITS IN A SINGLE HOME RUN CONDUIT, COMBINE CIRCUITS OF THREE DIFFERENT PHASES, CONSISTENT WITH THE GENERAL NOTE ABOVE. IN ALL CASES OF TWO OR THREE CIRCUITS IN A SINGLE HOME RUN CONDUIT, THE CIRCUITS MAY SHARE A SINGLE GROUNDING CONDUCTOR FOR THE PORTION OF THE CIRCUIT IN WHICH THEY SHARE A COMMON CIRCUIT.

   CONTRACTOR MAY COMBINE UP TO SIX CIRCUITS INTO A SINGLE 1" CONDUIT. IN ALL CASES OF FOUR, FIVE, OR SIX CIRCUITS IN A SINGLE HOME RUN CONDUIT:

   A. NO MORE THAN TWO CIRCUITS SHALL BE ON THE SAME PHASE.

   B. TWO OR THREE CIRCUITS OF DIFFERENT PHASES MAY SHARE A SINGLE GROUNDING CONDUCTOR FOR THE PORTION OF THE CIRCUIT IN WHICH THEY SHARE A COMMON CONDUIT.

   C. USE #10 (MINIMUM FOR 20A CIRCUITS) CONDUCTORS FOR ALL CONDUCTORS (PHASE, NEUTRAL, AND GROUNDING). COMPLY WITH DE-RATING REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ADJUST WIRE SIZE APPROPRIATELY.

SCOPE OF WORK

VMC WILL BE EXPANDING ITS CLINIC IN THE KENT STATION LOCATION . VMC WILL BE OCCUPYING TWO EXISTING TENANT SPACES ADJACENT TO THEM. THE SCOPE INCLUDES DEMOLITION OF EXISTING TENANT SPACES, RENOVATION OF THE EXISTING CLINIC, AND ADDITION OF A WORKSPACE, EXAM ROOMS, AND TREATMENT ROOMS. THE ELECTRICAL SCOPE WILL INCLUDE POWER, LIGHTING, TECHNOLOGY, FIRE ALARM, AND NURSE CALL.

SHEET INDEX

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ED2.1	ELECTRICAL DEMOLITION PLAN
ED2.2	ELECTRICAL DEMOLITION ROOF PLAN
E2.1	LEVEL 1 OVERALL POWER PLAN
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E7.1	WSEC REQUIREMENTS LIST
E7.2	WSEC REQUIREMENTS LIST
E9.1	ELECTRICAL, TECHNOLOGY, AND FIRE ALARM DETAILS

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GENERAL NOTES, LEGENDS, ABBREVIATIONS & SHEET INDEX

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LUMINAIRE SCHEDULE

FIXTURE TYPE	DESCRIPTION	MANUFACTURER & MODEL	LUMEN OUTPUT	INPUT WATTS (W)	EFFICACY (LUMENS/ WATTS)	CCT / CRI	VOLTAGE	DRIVER/ TRANSFORMER	MOUNTING	LENS/ REFLECTOR/ BEAM	HOUSING	FINISH	REMARKS
INTERIOR LIGHTING													
P1	7" X 2" X 96" AIRCRAFT CABLE SUSPENDED FIXTURE WITH COLD-ROLLED STEEL CRESCENT HOUSING	PEERLESS CERRA 7 LED LIGHTVENT - 7CRM3L-LSL-8FT-MSL8-80CRI-40K-I700LMF-DARK-ZT-MVOLT-SCT	6,512	57.6	113	4000K 80 CRI	UNV	INTEGRAL 0-10V	PENDANT	PERFORATED BAFFLED HOUSING WITH BATWING INDIRECT DISTRIBUTION	STEEL	BY OWNER	
P1-E	SAME AS TYPE P1 WITH INTEGRAL EMERGENCYU BATTERY	PEERLESS CERRA 7 LED LIGHTVENT - 7CRM3L-LSL-8FT-MSL8-80CRI-40K-I700LMF-DARK-ZT-MVOLT-SCT	6,512	57.6	113	4000K 80 CRI	UNV	INTEGRAL 0-10V	PENDANT	PERFORATED BAFFLED HOUSING WITH BATWING INDIRECT DISTRIBUTION	STEEL	BY OWNER	
R1	1' X 4' RECESSED LED FIXTURE WITH ARCHITECTURAL LENS AND PERFORATED CENTER BASKET	FOCAL POINT LUNA 1X4 - FLUL-14-PS-3000L-40K-1C-UNV-LD1	3,500	40	88	4000K 80 CRI	UNV	INTEGRAL 0-10V	RECESSED GRID	WHITE REFLECTOR WITH PERFORATED CENTER BASKET ACRYLIC DIFFUSER	STEEL	MATTE SATIN WHITE ANTI-MICROBIAL	
R2	2' X 2' RECESSED LED FIXTURE WITH ARCHITECTURAL LENS AND PERFORATED CENTER BASKET	FOCAL POINT LUNA 2X2 - FLUL-22-PS-3500L-40K-1C-UNV-LD1	3,000	34	85	4000K 80 CRI	UNV	INTEGRAL 0-10V	RECESSED GRID	WHITE REFLECTOR WITH PERFORATED CENTER BASKET ACRYLIC DIFFUSER	STEEL	MATTE SATIN WHITE ANTI-MICROBIAL	
R2-E	SAME AS TYPE R2 WITH INTEGRAL EMERGENCY BATTERY	FOCAL POINT LUNA 2X2 - FLUL-22-PS-3500L-40K-1C-UNV-LD1-G-EM	3,000	34	85	4000K 80 CRI	UNV	INTEGRAL 0-10V	RECESSED GRID	WHITE REFLECTOR WITH PERFORATED CENTER BASKET ACRYLIC DIFFUSER	STEEL	MATTE SATIN WHITE ANTI-MICROBIAL	PROVIDE WITH EMERGENCY BATTERY
R3	6" NOMINAL DIAMETER DOWNLIGHT WITH POLYCARBONATE LENS AND CLEAR APERTURE LED FIXTURE	GOTHAM EVO6 SERIES - EVO6-40-/25-AR-LS-MWD-MVOLT-EZ10	2,537	24.7	102.7	4000K 85 CRI	UNV	INTEGRAL 0-10V	RECESSED FLANGE	CLEAR REFLECTOR WITH MEDIUM WIDE DISTRIBUTION	STEEL	CLEAR REFLECTOR WITH SPECULAR FINISH	PROVIDE WITH SELF-FLANGED TRIM, CLEAR REFLECTOR, AND MEDIUM WIDE DISTRIBUTION
R4	2' X 4' RECESSED LED FIXTURE WITH ARCHITECTURAL LENS AND PERFORATED CENTER BASKET	FOCAL POINT LUNA 2X4 - FLUL-24-PS-3500L-40K-1C-UNV-LD1	3,500	35	100	4000K 80 CRI	UNV	INTEGRAL 0-10V	RECESSED GRID	WHITE REFLECTOR WITH PERFORATED CENTER BASKET ACRYLIC DIFFUSER	STEEL	MATTE SATIN WHITE ANTI-MICROBIAL	
W1	2' APERTURE WALL-MOUNTED 2' LONG INDIRECT LENSED LED FIXTURE WITH TOP GLOW OPTION	FINELITE HP-2 - HP-2-WM-I-2-S-840-TG-120-SC-FC-10%	767	3.6	213	4000K 80 CRI	UNV	INTEGRAL 0-10V	WALL-MOUNTED	CLEAR DIFFUSER	SIGNAL WHITE	WHITE	-
UC1	28" LOW-PROFILE UNDER CABINET TASK LIGHT	DAY-BRITE CFI LINEAR - LINCS100E-L28-935-277-WHG-DIM-OSHL-RSLL	594	7.3	80	3500K 90 CRI	UNV	DIMMING ELV	SURFACE - UNDERCABINET	ACRYLIC TEXTURED ACRYLIC	ALUMINUM	BY OWNER	PROVIDE A COMPLETE LINEAR COVERAGE OF ENTIRE LENGTH OF CABINET USING A COMBINATION OF 10", 19", AND 28" SECTIONS AS NEEDED. PROVIDE WITH ROCKER SWITCH WITH INTEGRAL OCCUPANCY SENSOR CONTROL, LINKED CIRCUIT AND HARDWIRED OPTIONS
X1	SINGLE FACE EDGE STEEL HOUSING WITH ACRYLIC PANELS AND GREEN LETTERS	LITHONIA LIGHTING LRP SERIES - LRP-1-GC-120/277-ELN	NA	3.8	NA	GREEN	UNV	INTEGRAL NON DIM	CEILING-MOUNT	ACRYLIC PANEL	ALUMINUM	MIRROR ACRYLIC PANEL	REFER TO ARCHITECTURAL LIFE SAFETY PLAN FOR EXACT EXIT SIGN FACE COUNT AND CHEVRON DIRECTION.

SEQUENCE OF OPERATIONS CONTROLS MATRIX

Applicable code	Notes
2021 WSEC	

Approved Manufacturer/s	Notes
nLight	1

Control system start-up required?	Yes	No	Notes
Factory representative	X		

Emergency lighting	Notes
Battery integral	6

SPACE TYPE	Lighting	Occupancy sensor	Daylight sensor	Time clock	Manual dimming	Automatic dimming	Manual on	Automatic on	Vacancy sensor	Manual off	Automatic off	Partial on	Partial off	Demand response	Tuning	Multi-scene	Receptacle controlled	Notes
BASE	X			X		X				X	X							6
PROCEDURE	X			X		X				X								4
CORRIDOR WORK OFFICES	X			X		X				X	X							6
TRIPPING WORK		X		X		X			X	X	X	X	X					6&8
ADMIN	X			X		X				X	X							6
PROVIDER OFFICE	X			X		X				X	X			X				6
MED PREP	X			X		X				X	X							6
RN ROOM		X							X	X	X	X	X					6&8
TOILET	X			X						X	X							6
BEDROOM	X			X		X				X	X			X				6
IT	X			X						X	X							6

SEQUENCE OF OPERATION NOTES
1) NO SUBSTITUTIONS.
2) 20 MINUTE TIMEOUT FOR ALL OCCUPANCY SENSORS.
3) LIGHT TYPES INDICATED AS EMERGENCY IN PLANS WITH '-E' TAG OR FILLED HATCH WILL REQUIRE EMERGENCY...
4) NO AUTOMATIC CONTROLS PROVIDED TO PROTECT LIFE-SAFETY.
5) CONFIRM ON/OFF TIMECLOCK SETPOINTS WITH OWNER.

MECHANICAL EQUIPMENT ELECTRICAL CONNECTION

MARK	DESCRIPTION	VOLTAGE	NO. OF POLES	PHASE	HP	KW	MCA	MOCP	DISCONNECT	MOTOR STARTER	FEEDER	PANEL	CIRCUIT	REMARKS
AC-2	ROOF TOP UNIT	208 V	2	1	-	-	41.6 A	45 A	60 A	-	(2) #6, #10, 1"C	1D	45,47	PROVIDED WITH FACTORY-INSTALLED DISCONNECT
AC-11-105A	ROOF TOP UNIT	208 V	2	1	-	-	41.6 A	45 A	60 A	-	(2) #6, #10, 1"C	1C	29,31	PROVIDED WITH FACTORY-INSTALLED DISCONNECT
AC-11-105B	ROOF TOP UNIT	208 V	2	1	-	-	41.6 A	45 A	60 A	-	(2) #6, #10, 1"C	1D	49,51	PROVIDED WITH FACTORY-INSTALLED DISCONNECT
CP-1	RECIRCULATION PUMP	120 V	1	1	1/16 HP	-	-	-	NEMA 5-15P	-	#12, #12G, 3/4"C	1B	37	REUSE EXISTING RECEPTACLE TO POWER CP-1
CU-1	CONDENSING UNIT	208 V	2	1	-	-	34 A	56 A	60 A	-	(2) #6, #10, 1"C	1D	48,50	
DWH-1	WATER HEATER	208 V	2	1	-	12.3 KW	-	-	100 A	-	(2) #6, #10, 1"C	1B	32,34	
EF-1	ROOF TOP UNIT	208 V	2	1	1/6 HP	-	-	15 A		-	(2) #12, #12, 3/4"C	1C	33,35	DISCONNECT INTEGRAL TO UNIT.
FCU-1	CONDENSER UNIT	208 V	2	1	-	-	FED-THRU CU-1		60 A	-	(2) #12, #12, 3/4"C	1D	48,50	FED-THRU CU-1

COMMUNICATIONS /WAPS/PAGING SYSTEM / CATV RESPONSIBILITY MATRIX ***

DESCRIPTION	ELECTRICAL CONTRACTOR	OTHERS	VENDOR
			KENNY JAMES @ EVERGREEN TECH.
POWER	X		
CABLE TRAY IN CORRIDORS AND IN ROOMS	X		
J-HOOKS IN CORRIDORS AND IN ROOMS			X
CABLE TRAY, J-HOOKS AND RACKS IN COMMUNICATION AND IT ROOMS			X
CONDUITS AND SLEEVES	X		
CABLE TRAY GROUNDING IN COMMUNICATION AND IT ROOMS			X
CABLE TRAY GROUNDING IN CORRIDORS AND IN ROOMS	X		
FULL ROUGH-IN (BOXES & CONDUITS)	X		
FURNISH CABLE			X
INSTALL CABLE			X
FURNISH EQUIPMENT (PHONE JACKS, PATCH PANEL, TTB)			X
INSTALL EQUIPMENT			X
INTERFACE TO EXISTING SYSTEM			X
NETWORK EQUIPMENT (SWITCHES, WAPS)		PROVIDED BY VMC	
TEST/COMMISSION			X
SOUND MASKING			

ACCESS CONTROL RESPONSIBILITY MATRIX

DESCRIPTION	ELECTRICAL CONTRACTOR	OTHERS	VENDOR
			I2G
POWER	X - NOTE 1		X - NOTE 2
FULL ROUGH-IN (BOXES & CONDUITS)	X		
FURNISH CABLE			X
INSTALL CABLE			X
CABLE FROM DOOR CONTROL PANEL TO NETWORK PATCH PANEL		EVERGREEN TECH	
FURNISH EQUIPMENT (CARD READER, ELECTRIC STRIKE, RQUEST TO EXIT, MAGNETIC HOLD), REVIEW AND COORDINATE DOOR HARDWARE REQUIREMENTS WITH OWNER, ARCHITECT AND DOORPROS)			X - NOTE 3
INSTALL EQUIPMENT			X
INTERFACE TO EXISTING SYSTEM			X
TEST/COMMISSION			X
NOTE-1 ALL 120V. POWER AND ASSOCIATED WIRING AND CONNECTION IS BY CONTRACTOR			
NOTE-2 ALLL 24V POWER SUPPLY AND ASSOCIATED WIRING WILL BE BY DOORPROS			
NOTE-3 ELECTRIC STRIKE AND REQUEST TO EXIT BY DOORPROS. MAG HOLD (IF ANY) BY GC.			

SECURITY CAMERA RESPONSIBILITY MATRIX

DESCRIPTION	ELECTRICAL CONTRACTOR	OTHERS	VENDOR
			I2G
FULL ROUGH-IN (BOXES & CONDUITS)	X		
FURNISH CABLE		EVERGREEN TECH	X
INSTALL CABLE		EVERGREEN TECH	X
FURNISH SECURITY CAMERA			X
INSTALL EQUIPMENT			X
INTERFACE TO EXISTING SYSTEM			X
TEST/COMMISSION			X

DOOR OPERATOR RESPONSIBILITY MATRIX

DESCRIPTION	ELECTRICAL CONTRACTOR		VENDOR
			OWNERS CONTRACTOR - NOTE 3
POWER	X - NOTE 1		X - NOTE 2
FULL ROUGH-IN (BOXES & CONDUITS)	X		
FURNISH CABLE	X		
INSTALL CABLE	X		
FURNISH EQUIPMENT (DOOR OPERATOR AND WAVE SENSOR)			X
INSTALL EQUIPMENT			X
INTERFACE TO EXISTING SYSTEM			X
TEST/COMMISSION			X
NOTE-1: ALL 120V. POWER AND ASSOCIATED WIRING AND CONNECTION IS BY CONTRACTOR			
NOTE-2: ALL 24V POWER SUPPLY AND ASSOCIATED WIRING WILL BE BY OWNERS VENDOR			
NOTE-3: SEE DIVISION 1 SPECIFICATIONS.			

NURSE CALL RESPONSIBILITY MATRIX

DESCRIPTION	ELECTRICAL CONTRACTOR	OTHERS	VENDOR
			ELECTROCOM
POWER	X		
FULL ROUGH-IN (BOXES & CONDUITS)	X		
FURNISH CABLE			X
INSTALL CABLE	X		
FURNISH EQUIPMENT			X
INSTALL EQUIPMENT			X
PROGRAM NURSE CALL			X
NURSE CALL SOFTWARE SET-UP			X
NURSE CALL SERVER		X(PBO)	X
TEST/COMMISSION			X

FIRE ALARM SYSTEM RESPONSIBILITY MATRIX

DESCRIPTION	ELECTRICAL CONTRACTOR	OTHERS	VENDOR
			PATRIOT
POWER		LANDLORD PROVIDED	
FULL ROUGH-IN (BOXES & CONDUITS)	X (NOTE-1)		
FURNISH CABLE			X
INSTALL CABLE			X
FINAL FIRE ALARM PANEL TERMINATIONS			X
FURNISH EQUIPMENT			X
INSTALL EQUIPMENT			X
TEST/COMMISSION			X

GENERAL NOTE :

1. CONTRACTOR SHALL COORDINATE WITH VENDOR SHOP DRAWINGS, (EXCEPT DOOR SECURITY WHERE CONTRACTOR WILL PROVIDE) NEW AND EXISTING UTILITIES & DEVICES, AND ARCHITECTURAL REFLECTED CEILING PLANS
2. FOR DEVICE LOCATIONS, AND PROVIDE ROUGH-IN (BOXES & CONDUITS AT STRUCTURE AND BOXES AT CEILING. MAINTAIN ~6FT SPACING BETWEEN ROUGH-IN BOXES).
3. VENDOR TO PROVIDE CONDUIT BETWEEN ROUGH-IN BOXES BY CONTRACTOR FOR CABLE INSTALLATION. SEE DETAIL #1 ON THIS SHEET.

*** ALL OTHER DEVICES, EQUIPMENT, AND ITEMS SHOWN OR INDICATED ON THE CONTRACT DRAWINGS AND SPECIFICATIONS, NOT INDICATED ABOVE, ARE THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH & INSTALL (INCLUDING ROUGH-IN, WIRING, CIRCUITING, CONNECTIONS, ETC.), INTERFACE AND TEST.

NOTE: ALL VENDORS LISTED ARE THE REQUIRED OWNER VENDORS.

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Seal:

Sheet:

LUMINAIRE SCHEDULE & TECHNOLOGY MATRIX

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6/3/2026 10:28:15 AM

PANEL: 1C (NEW)

LOCATION: HALLWAY 144 | VOLTAGE/PHASE: 120/208 WYE,3PH,4W | FED FROM: LL METER CENTER
FLOOR: LEVEL 1 | BUS AMPS: 200 A | RATING: 22KAIC
MOUNTING: RECESSED | MAIN BREAKER: 200 A

CKT	TYPE	LOAD	BRK/POLE		A	B	C	A	B	C	BRK/POLE		LOAD	TYPE	CKT
1	L	TEAMWORK - LTG	20 A	1	102 VA			720 VA			1	20 A	TEAMWORK - WORKSTATION	R	2
3	L	TEAMWORK - LTG	20 A	1		4764 VA			720 VA		1	20 A	TEAMWORK - WORKSTATION	R	4
5	L	MED PREP - LTG	20 A	1			340 VA			720 VA	1	20 A	TEAMWORK - WORKSTATION	R	6
7	L	PROVIDER OFFICE - LTG	20 A	1	581 VA			720 VA			1	20 A	TEAMWORK - WORKSTATION	R	8
9	L	TOILET/CONSULT/ADMIN LTG	20 A	1		321 VA			720 VA		1	20 A	TEAMWORK - WORKSTATION	R	10
11	L	EXAM 17-20 - LTG	20 A	1			320 VA			720 VA	1	20 A	TEAMWORK - WORKSTATION	R	12
13	L	EXAM 14-16, PROC 2 - LTG	20 A	1	444 VA			900 VA			1	20 A	CLEAN SUPPLY - RECEPTACLE	R	14
15	L	EXAM 11-13 - LTG	20 A	1		240 VA			500 VA		1	20 A	MED PREP - FREEZER	C	16
17	R	ADMIN - RECS	20 A	1			540 VA			500 VA	1	20 A	MED PREP - REF	C	18
19	R	ADMIN 143 - RECS	20 A	1	540 VA			500 VA			1	20 A	MED PREP - RECEPTACLE	C	20
21	C	BREAK ROOM - REF	20 A	1		500 VA			720 VA		1	20 A	IT RACK - QUADS	R	22
23	R	BREAK - DISHWASHER	20 A	1			1200 VA			3750 VA	2	30 A	IT RACK - L6-30	C	24
25	C	BREAK ROOM - MICROWAVE	20 A	1	500 VA			3750 VA			--	--	--	--	26
27	R; P	TOILET - RECEPTACLE	20 A	1		360 VA			3750 VA		2	30 A	IT RACK - L6-30	C	28
29	M	AC-11-105A	45 A	2			3461 VA			3750 VA	--	--	--	--	30
31	--	--	--	--	3461 VA			180 VA			1	20 A	IT RACK - QUADS CONV. REC	R	32
33	M	EF-1	15 A	2		75 VA			900 VA		1	20 A	MAINTENANCE REC	R	34
35	--	--	--	--			75 VA			180 VA	1	20 A	NURSE CALL PANEL	R	36
37	--	SPARE	20 A	1	0 VA			0 VA			3	30 A	SPD	--	38
39	--	SPARE	20 A	1		0 VA			0 VA		--	--	--	--	40
41	--	SPARE	20 A	1			0 VA			0 VA	--	--	--	--	42

LOAD TYPE KEY:
C=CONTINUOUS M=MECH EQUIP
P=POWER R=RECEPTACLE
L=LIGHTING

TOTALA: 12398 VA 103 A
TOTALB: 13570 VA 115 A
TOTALC: 15556 VA 131 A

LOAD TYPE	CONNECTED	DEMAND FACTOR	ESTIMATED	PANEL TOTALS		
L	7112 VA	125.00%	8890 VA			
Motor	149 VA	125.00%	186 VA			
R	9840 VA	100.00%	9840 VA	TOTAL CONNECTED LOAD:	41523 VA	115 A
C	17500 VA	125.00%	21875 VA	TOTAL DEMAND LOAD:	49444 VA	137 A
M	6922 VA	125.00%	8653 VA			
P	0 VA	0.00%	0 VA			

PANEL: 1D (NEW)

LOCATION: HALLWAY 144 | VOLTAGE/PHASE: 120/208 WYE,3PH,4W | FED FROM: LL METER CENTER
FLOOR: LEVEL 1 | BUS AMPS: 200 A | RATING: 22KAIC
MOUNTING: RECESSED | MAIN BREAKER: 200 A

CKT	TYPE	LOAD	BRK/POLE		A	B	C	A	B	C	BRK/POLE		LOAD	TYPE	CKT
1	R	EXAM 11 - RECEPTACLES	20 A	1	360 VA			900 VA			1	20 A	EXAM 20 - RECEPTACLES	R	2
3	R	EXAM 11 - RECEPTACLES	20 A	1		900 VA			720 VA		1	20 A	EXAM 20 - RECEPTACLES	R	4
5	R	EXAM 12 - RECEPTACLES	20 A	1			900 VA			720 VA	1	20 A	EXAM 19 - RECEPTACLES	R	6
7	R	EXAM 12 - RECEPTACLES	20 A	1	360 VA			900 VA			1	20 A	EXAM 19 - RECEPTACLES	R	8
9	R	EXAM 13 - RECEPTACLES	20 A	1		720 VA			720 VA		1	20 A	EXAM 18 - RECEPTACLES	R	10
11	R	EXAM 13 - RECEPTACLES	20 A	1			900 VA			900 VA	1	20 A	EXAM 18 - RECEPTACLES	R	12
13	R	PROCEDURE 2 -RECEPTACLES	20 A	1	720 VA			900 VA			1	20 A	EXAM 17 - RECEPTACLES	R	14
15	R	PROCEDURE 2 - BED	20 A	1		360 VA			720 VA		1	20 A	EXAM 17 - RECEPTACLES	R	16
17	R	PROCEDURE 2 - RECEPTACLES	20 A	1			900 VA			720 VA	1	20 A	EXAM 16 - RECEPTACLES	R	18
19	R	PROCEDURE 2 - LIGHT	20 A	1	500 VA			900 VA			1	20 A	EXAM 16 - RECEPTACLES	R	20
21	R	EXAM 14 - RECEPTACLES	20 A	1		720 VA			900 VA		1	20 A	EXAM 15 - RECEPTACLES	R	22
23	R	EXAM 14 - RECEPTACLES	20 A	1			900 VA			720 VA	1	20 A	EXAM 15 - RECEPTACLES	R	24
25	C	BREAK ROOM - REF	20 A	1	500 VA			360 VA			1	20 A	PROVIDER OFFICE - RECEPTACLES	R	26
27	C	BREAK ROOM -REF	20 A	1		500 VA			720 VA		1	20 A	PROVIDER OFFICE - RECS	R	28
29	R	BREAK ROOM - CROCK POT	20 A	1			180 VA			360 VA	1	20 A	PROVIDER OFFICE - RECS	R	30
31	R	BREAK ROOM - MICROWAVE	20 A	1	1000 VA			540 VA			1	20 A	PROVIDER OFFICE - RECS	R	32
33	R	BREAK ROOM - RECS	20 A	1		540 VA			540 VA		1	20 A	PROVIDER OFFICE - RECS	R	34
35	R	BREAK ROOM - REC	20 A	1			720 VA			540 VA	1	20 A	CONSULT - RECS	R	36
37	R	BREAK ROOM - DISHWASHER	20 A	1	1200 VA			540 VA			1	20 A	ADMIN - RECS	R	38
39	R	BREAK ROOM - MICROWAVE	20 A	1		1000 VA			180 VA		1	20 A	MAINTENANCE RECEPTACLES	R	40
41	M	EF-2	15 A	2			396 VA			360 VA	1	20 A	PROVIDER OFFICE - RECS	R	42
43	--	--	--	--	396 VA			720 VA			1	20 A	TEAM WORK- RECEPTACLE	R	44
45	M	AC-2	45 A	2		3461 VA			360 VA		1	20 A	TEAM WORK- RECEPTACLE	R	46
47	--	--	--	--			3461 VA			3536 VA	2	35 A	CU-1, FCU-1	M	48
49	M	AC - 11-105B	45 A	2	3461 VA			3536 VA			--	--	--	--	50
51	--	--	--	--		3461 VA			0 VA		1	20 A	SPARE	--	52
53	--	SPARE	20 A	1			0 VA			0 VA	1	20 A	SPARE	--	54

LOAD TYPE KEY:
N=NON CONTINUOUS M=MECH EQUIP
P=POWER R=RECEPTACLE
L=LIGHTING K=KITCHEN

TOTALA: 17793 VA 149 A
TOTALB: 16522 VA 138 A
TOTALC: 16213 VA 135 A

LOAD TYPE	CONNECTED	DEMAND FACTOR	ESTIMATED	PANEL TOTALS		
Motor	791 VA	125.00%	989 VA			
R	27820 VA	67.97%	18910 VA			
C	1000 VA	125.00%	1250 VA	TOTAL CONNECTED LOAD:	50527 VA	140 A
M	20916 VA	108.45%	22684 VA	TOTAL DEMAND LOAD:	43833 VA	122 A

PANEL: (E) PANEL 1A (BEFORE)

LOCATION: HSKP 234 | VOLTAGE/PHASE: 120/208 WYE,3PH,4W | FED FROM: LL METER CENTER
FLOOR: LEVEL 1 | BUS AMPS: 125 A | RATING: 22KAIC
MOUNTING: SURFACE | MAIN BREAKER: 125 A

CKT	TYPE	LOAD	NOTES	BRK/POLE		VOLT-AMPS A	B	C		VOLT-AMPS A	B	C	BRK/POLE		NOTES	LOAD	TYPE	CKT
1	--	OFFICE PLUG & LIGHTS	1	20 A	1	0 VA				0 VA			1	20 A	1	HALL/LAB LTS	--	2
3	--	EXAM ROOM WEST	1	20 A	1		0 VA				0 VA		1	20 A	1	LAB PLUGS WEST	--	4
5	--	X RAY ROOM	2	20 A	1			0 VA				0 VA	1	20 A	1	LAB PLUGS WEST	--	6
7	--	X RAY ROOM	2	20 A	1	0 VA				0 VA			1	20 A	1	N. ENTRY & SRVCE RM LTS	--	8
9	--	HALL LTS & EM LTS	1	20 A	1		0 VA				0 VA		1	20 A	2	SERVER PLUG	--	10
11	--	HALL PLUGS	1	20 A	1			0 VA				0 VA	1	20 A	1	SERVICE CNTER PLUGS	--	12
13	--	RTU-1	1	50 A	3	0 VA				0 VA			1	20 A	1	FURNITURE POWER	--	14
15	--	--	--	--	--		0 VA				0 VA		1	20 A	1	FURNITURE POWER	--	16
17	--	--	--	--	--			0 VA				0 VA	1	20 A	1	FURNITURE POWER	--	18
19	--	RTU-2	1	50 A	3	0 VA				0 VA			1	20 A	1	SPARE	--	20
21	--	--	--	--	--		0 VA				0 VA		1	20 A	1	SPARE	--	22
23	--	--	--	--	--			0 VA				0 VA	1	20 A	1	SPARE	--	24
25	--	SEC. DESK PLUGS EAST	1	20 A	1	0 VA				0 VA			3	20 A	1	REAR SIGN	--	26
27	--	SEC. DESK PLUGS WEST	1	20 A	1		0 VA				0 VA		--	--	--	--	--	28
29	--	SPARE	1	20 A	1			0 VA				0 VA	--	--	--	--	--	30
31	--	FRONT SIGN	1	20 A	1	0 VA				0 VA			3	30 A	1	RTU-3	--	32
33	--	SHOW WINDOW OUTLETS	1	20 A	1		0 VA				0 VA		--	--	--	--	--	34
35	--	NEW EQUIPMENT	1	20 A	1			0 VA				0 VA	--	--	--	--	--	36
37	--	NEW EQUIPMENT	1	20 A	1	0 VA				0 VA			1	20 A	1	SPARE	--	38
39	--	SPARE		20 A	1		0 VA				0 VA		1	20 A	1	SPARE	--	40
41	--	SPARE		20 A	1			0 VA				0 VA	1	20 A	2	MED REF	--	42

LOAD TYPE KEY:
C=CONTINUOUS M=MECH EQUIP
P=POWER R=RECEPTACLE
L=LIGHTING K=KITCHEN

TOTALA: 0 VA 0 A
TOTALB: 0 VA 0 A
TOTALC: 0 VA 0 A

LOAD TYPE	CONNECTED	DEMAND FACTOR	ESTIMATED	PANEL TOTALS		
				TOTAL CONNECTED LOAD:	0 VA	0 A
				TOTAL DEMAND LOAD:	0 VA	0 A

NOTES:
1. EXISTING TO REMAIN.
2. EXISTING LOADS TO BE DEMOLISHED (PER DRAWINGS) , BREAKER/PANEL SCHEDULE TO BE UPDATED PER NEW PANEL SCHEDULE
3.
4.
5.

PANEL: 1A(AFTER)

LOCATION: HSKP 234 | VOLTAGE/PHASE: 120/208 WYE,3PH,4W | FED FROM: LL METER CENTER
FLOOR: LEVEL 1 | BUS AMPS: 125 A | RATING: 22 KAIC
MOUNTING: SURFACE | MAIN BREAKER: 125 A

CKT	TYPE	LOAD	NOTES	BRK/POLE		VOLT-AMPS A	B	C		VOLT-AMPS A	B	C	BRK/POLE		NOTES	LOAD	TYPE	CKT
1	--	OFFICE PLUG & LIGHTS	1	20 A	1	0 VA				0 VA			1	20 A	1	HALL/LAB LTS	--	2
3	--	EXAM ROOM WEST	1	20 A	1		0 VA				0 VA		1	20 A	1	LAB PLUGS WEST	--	4
5	--	SPARE		20 A	1			0 VA				0 VA	1	20 A	1	LAB PLUGS WEST	--	6
7	--	SPARE		20 A	1	0 VA				0 VA			1	20 A	1	N. ENTRY & SRVCE RM LTS	--	8
9	--	HALL LTS & EM LTS	1	20 A	1		0 VA				0 VA		1	20 A	1	SERVER PLUG	--	10
11	--	HALL PLUGS	1	20 A	1			0 VA				0 VA	1	20 A	1	SERVICE COUNTER PLUGS	--	12
13	--	RTU-1	1	20 A	3	0 VA				0 VA			1	20 A	1	FURNITURE POWER	--	14
15	--	--	--	--	--		0 VA				0 VA		1	20 A	1	FURNITURE POWER	--	16
17	--	--	--	--	--			0 VA				0 VA	1	20 A	1	FURNITURE POWER	--	18
19	--	RTU-2	1	20 A	3	0 VA				0 VA			1	20 A		SPARE	--	20
21	--	--	--	--	--		0 VA				0 VA		1	20 A		SPARE	--	22
23	--	--	--	--	--			0 VA				0 VA	1	20 A		SPARE	--	24
25	--	SEC. DESK PLUGS EAST	1	20 A	1	0 VA				0 VA			3	20 A	1	REAR SIGN	--	26
27	--	SEC. DESK PLUGS WEST	1	20 A	1		0 VA				0 VA		--	--	--	--	--	28
29	--	SPARE		20 A	1			0 VA				0 VA	--	--	--	--	--	30
31	--	FRONT SIGN	1	20 A	1	0 VA				0 VA			3	20 A	1	RTU-3	--	32
33	--	SHOW WINDOW OUTLETS	1	20 A	1		0 VA				0 VA		--	--	--	--	--	34
35	--	NEW EQUIPMENT	1	20 A	1			0 VA				0 VA	--	--	--	--	--	36
37	--	NEW EQUIPMENT	1	20 A	1	0 VA				0 VA			1	20 A		SPARE	--	38
39	R	EXAM 6 - 117 RECS		20 A	1			720 VA			0 VA		1	20 A		SPARE	--	40
41	R	EXAM 6 - 117 RECS		20 A	1				900 VA			0 VA	1	20 A		SPARE	--	42

LOAD TYPE KEY:
N=NON CONTINUOUS M=MECH EQUIP
P=POWER R=RECEPTACLE
L=LIGHTING K=KITCHEN

TOTALA: 0 VA 0 A
TOTALB: 720 VA 7 A
TOTALC: 900 VA 8 A

LOAD TYPE	CONNECTED	DEMAND FACTOR	ESTIMATED	PANEL TOTALS		
R	1620 VA	100.00%	1620 VA			
				TOTAL CONNECTED LOAD:	1620 VA	4 A
				TOTAL DEMAND LOAD:	1620 VA	4 A

NOTES:
1. EXISTING TO REMAIN.
2.
3.
4.
5.

PANEL: (E) PANEL 1B (BEFORE)

LOCATION: HSKP 234 | VOLTAGE/PHASE: 120/208 WYE,3PH,4W | FED FROM: LL METER CENTER
FLOOR: LEVEL 1 | BUS AMPS: 200 A | RATING: 22 KAIC
MOUNTING: SURFACE | MAIN BREAKER: 200 A

CKT	TYPE	LOAD	NOTES	BRK/POLE		VOLT-AMPS A	B	C		VOLT-AMPS A	B	C	BRK/POLE		NOTES	LOAD	TYPE	CKT
1	--	OPEN OFFICE LIGHTS	1	20 A	1	0 VA				0 VA			1	20 A	1	EXAM ROOM SOUTH	--	2
3	--	SOUTH ENTRY LIGHTS	1	20 A	1		0 VA				0 VA		1	20 A	1	SOUTH ENTRY LTGS	--	4
5	--	ROOF TOP FAN	1	20 A	1			0 VA				0 VA	1	20 A	1	EXAM ROOM SOUTH	--	6
7	--	KITCHEN COUNTER PLUGS	1,3	20 A	1	0 VA				0 VA			1	20 A	1	SPARE	--	8
9	--	REFER/KIT.	1,3	20 A	1		0 VA				0 VA		1	20 A	1	SPARE	--	10
11	--	DISHWAHER	1,3	20 A	1			0 VA				0 VA	1	20 A	1	SPARE	--	12
13	--	MICROWAVE	1,3	20 A	1	0 VA				0 VA			1	20 A	1	SPARE	--	14
15	--	KIT & CONFRENCE LTS	1,3	20 A	1		0 VA				0 VA		1	20 A	1	ENTRY RECEPTACLES	--	16
17	--	CONFRENCE ROOM PLUGS	1,3	20 A	1			0 VA				0 VA	1	20 A	1	LAB OUTLETS EAST	--	18
19	--	SW LAB COUNTER	1	20 A	1	0 VA				0 VA			1	20 A	1	EXAM ROOM NORTH	--	20
21	--	SW LAB COUNTER	1	20 A	1		0 VA				0 VA		1	20 A	1	EXAM ROOM NORTH	--	22
23	--	AUTOCLAVE	1	20 A	1			0 VA				0 VA	1	20 A	1	EXAM ROOM NORTH	--	24
25	--	IT CLOSET - L5-30	2,3	30 A	2	0 VA				0 VA			1	20 A	1	IT ROOM QUAD	--	26
27	--	--	--	--	--		0 VA				0 VA		1	20 A	1	SPARE	--	28
29	--	EXAM ROOM CENTER WEST	1	20 A	1			0 VA				0 VA	1	20 A	1	SPARE	--	30
31	--	EXAM ROOM SOTH EAST	1	20 A	1	0 VA				0 VA			2	30 A	2,3	HOT WATER TANK	--	32
33	--	WASHER	1	20 A	1		0 VA				0 VA		--	--	--	--	--	34
35	--	SECURITY PANEL	1	20 A	1			0 VA				0 VA	1	20 A		EXAM ROOM CENTER	--	36
37	--	CIRCULATING PUMP	2,3	20 A	1	0 VA				0 VA			1	20 A	1	EXISTING CIRCUIT	--	38
39	--	MED REFER	1	20 A	1		0 VA				0 VA		1	20 A	1	EXISTING CIRCUIT	--	40
41	--	SPARE	1	20 A	1			0 VA				0 VA	1	20 A	1	MED REEFER	--	42

LOAD TYPE KEY:
N=NON CONTINUOUS M=MECH EQUIP
P=POWER R=RECEPTACLE
L=LIGHTING K=KITCHEN

TOTALA: 0 VA 0 A
TOTALB: 0 VA 0 A
TOTALC: 0 VA 0 A

LOAD TYPE	CONNECTED	DEMAND FACTOR	ESTIMATED	PANEL TOTALS		
				TOTAL CONNECTED LOAD:	0 VA	0 A
				TOTAL DEMAND LOAD:	0 VA	0 A

NOTES:
1. EXISTING TO REMAIN.
2. SALVAGE CIRCUIT BREAKER FOR FUTURE RE-USE.
3. EXISTING LOADS TO BE DEMOLISHED (PER DRAWINGS) , BREAKER/PANBEL SQCHEUDLE TO BE UPDATED PER NEW PANEL SCHEDULE.
4.
5.

PANEL: 1B (AFTER)

LOCATION: LAB 236 | VOLTAGE/PHASE: 120/208 WYE,3PH,4W | FED FROM: LL METER CENTER
FLOOR: LEVEL 1 | BUS AMPS: 200 A | RATING: 22KAIC
MOUNTING: SURFACE | MAIN BREAKER: 200 A

CKT	TYPE	LOAD	NOTES	BRK/POLE		VOLT-AMPS A	B	C		VOLT-AMPS A	B	C	BRK/POLE		NOTES	LOAD	TYPE	CKT
1	--	OPEN OFFICE LIGHTS	1	20 A	1	0 VA				0 VA			1	20 A	1	EXAM ROOM SOUTH	--	2
3	--	SOUTH ENTRY LIGHTS	1	20 A	1		0 VA				0 VA		1	20 A	1	SOUTH ENTRY LTGS	--	4
5	--	ROOF TOP FAN	1	20 A	1			0 VA				0 VA	1	20 A	1	EXAM ROOM SOUTH	--	6
7	--	SPARE	2	20 A	1	0 VA				0 VA			1	20 A	1	SPARE	--	8
9	--	SPARE	2	20 A	1		0 VA				0 VA		1	20 A	1	SPARE	--	10
11	--	SPARE	2	20 A	1			0 VA				0 VA	1	20 A	1	SPARE	--	12
13	--	SPARE	2	20 A	1	0 VA				0 VA			1	20 A	1	SPARE	--	14
15	--	SPARE	2	20 A	1		0 VA				0 VA		1	20 A	1	ENTRY RECEPTACLES	--	16
17	--	SPARE	2	20 A	1			0 VA				0 VA	1	20 A	1	LAB OUTLETS EAST	--	18
19	--	SW LAB COUNTER	1	20 A	1	0 VA				0 VA			1	20 A	1	EXAM ROOM NORTH	--	20
21	--	SW LAB COUNTER	1	20 A	1		0 VA				0 VA		1	20 A	1	EXAM ROOM NORTH	--	22
23	--	AUTOCLAVE	1	20 A	1			0 VA				0 VA	1	20 A	1	EXAM ROOM NORTH	--	24
25	C	L5-30 - IT 25S	1,3	30 A	2	0 VA				0 VA			1	20 A	1	IT ROOM QUAD	--	26
27	--	--	--	--	--		0 VA				0 VA		1	20 A	1	SPARE	--	28
29	--	EXAM ROOM CENTER WEST	1	20 A	1			0 VA				0 VA	1	20 A	1	SPARE	--	30
31	--	EXAM ROOM SOTH EAST	1	20 A	1	0 VA				0 VA			2	30 A		EXISTING	C	32
33	--	WASHER	1	20 A	1		0 VA				0 VA		--	--	--	--	--	34
35	--	SECURITY PANEL	1	20 A	1			0 VA				0 VA	1	20 A	1	N. EXAM ROOM CENTER	--	36
37	M	CP-1	3	15A	1	0 VA				0 VA			1	20 A	1	EXISTING CIRCUIT	--	38
39	--	MED REFER	1	20 A	1		0 VA				0 VA		1	20 A		EXISTING CIRCUIT	--	40
41	--	SPACE		--	1			--				0 VA	1	20 A		MED REFER	--	42

LOAD TYPE KEY:
N=NON CONTINUOUS M=MECH EQUIP
P=POWER R=RECEPTACLE
L=LIGHTING K=KITCHEN

TOTALA: 9924 VA 95 A
TOTALB: 9886 VA 95 A
TOTALC: 0 VA 0 A

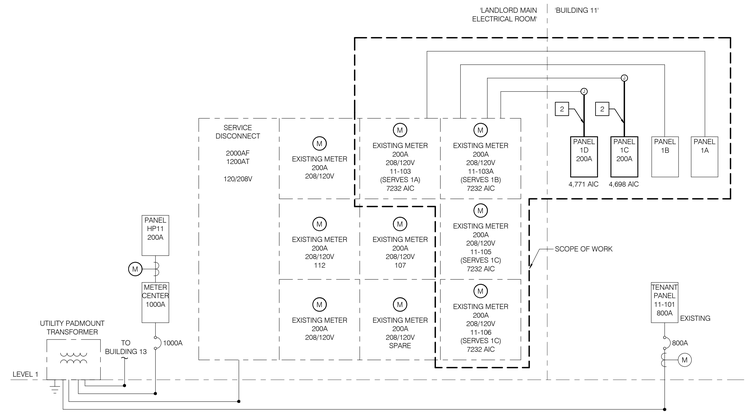
LOAD TYPE	CONNECTED	DEMAND FACTOR	ESTIMATED	PANEL TOTALS		
Motor	38 VA	125.00%	48 VA			
C	19772 VA	125.00%	24715 VA	TOTAL CONNECTED LOAD:	19810 VA	55 A
				TOTAL DEMAND LOAD:	24763 VA	69 A

NOTES:
1. EXISTING TO REMAIN.
2. LOAD REMOVED FROM CIRCUIT.
3. LOAD ADDED TO CIRCUIT
4.
5.

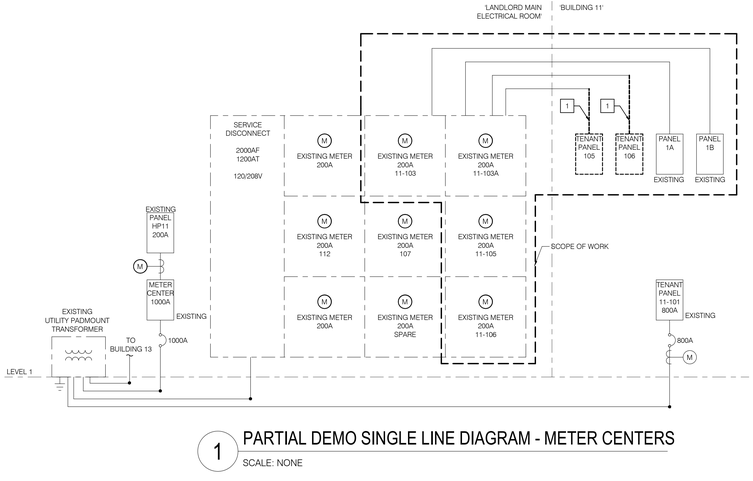
NOTES

1 DEMOLISH CONDUIT AS REQUIRED. RETAIN AND REUSE EXISTING CONDUIT WHERE FEASIBLE.

2 EXTEND CONDUIT TO NEW PANEL LOCATION. RETAIN AND REUSE EXISTING CONDUIT WHERE FEASIBLE. PROVIDE CONDUCTORS FOR FULL LENGTH.



2 PARTIAL SINGLE LINE DIAGRAM - METER CENTERS
SCALE: NONE



1 PARTIAL DEMO SINGLE LINE DIAGRAM - METER CENTERS
SCALE: NONE

6/3/2026 10:28:15 AM

COLLINS WOERMAN

710 Second Avenue, Suite 1400
Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N
SUITE 11-103A
KENT, WA 98032

Owner:
WE ARE valley
VALLEY MEDICAL CENTER

Consultant:
P2S ENG
Long Beach // Irvine // Los Angeles
San Diego // San Jose // Seattle
p2sinc.com

Issued:

Mark	Date	Description
	5/15/26	90% CD Review
	6/04/2026	BID & PERMIT

Project No: VALL01.25.057
Issue Date: 06/04/2026
Seal:

Sheet:
SCHEDULES AND SINGLE LINE DIAGRAMS

E0.2

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GENERAL NOTES

1. COORDINATE ALL SHUTDOWN AND CUT OVERS WITH OWNER AND OTHER TRADES. PROVIDE TASKS, DATES, DURATION AND CONTINGENCIES FOR SHUT DOWN TO OWNER.
2. COORDINATE AND PROVIDE TEMPORARY POWER, LIGHTING, SYSTEMS, AND FIRE ALARM FOR POWER OUTAGES OF ANY DURATION.
3. COORDINATE FIRE ALARM DEMOLITION TO ELIMINATE ANY DURATION OF NON-COVERAGE. WHERE FIRE ALARM OUTAGE CANNOT BE AVOIDED, PROVIDE FIREWATCH AS REQUIRED BY APPLICABLE CODES.
4. REFER TO SPECIFICATION SECTION 024119 FOR REQUIREMENTS RELATED TO DEMOLITION AND REMOVAL PROCEDURES.

NOTES

1. REMOVE ALL EQUIPMENT AND DEVICES ASSOCIATED TO LEVEL 1.
2. REMOVE ALL LIGHTING DEVICES EQUIPMENT ASSOCIATED TO LEVEL 1.
3. SALVAGE EXISTING DUPLEX RECEPTACLE.
4. SALVAGE EXISTING QUAD RECEPTACLE.
5. SALVAGE EXISTING PENDANT DURING AREA DEMOLITION. SEE SHEET E3.1 FOR REINSTALLATION LOCATION AND NOTES. REMOVE EXISTING CIRCUIT CONDUCTORS BACK TO NEAREST ACTIVE JUNCTION BOX.
6. DEMOLISH EXISTING PANEL.
7. DEMOLISH CONDUIT AS REQUIRED TO EXTEND TO NEW PANEL LOCATION. RETAIN AND REUSE EXISTING CONDUIT WHERE FEASIBLE.



1 LEVEL 1 OVERALL DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

6/3/2026 10:28:16 AM

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Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N
SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE valley
VALLEY MEDICAL CENTER

Consultant:

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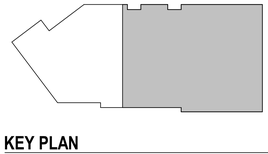
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Mark	Date	Description
	5/15/26	90% CD Review
	6/04/2026	BID & PERMIT

Project No: VALL01.25.057

Issue Date: 06/04/2026

Seal:



KEY PLAN

PROJECT NORTH

0' 4' 8' 16'

Sheet:

ELECTRICAL DEMOLITION PLAN

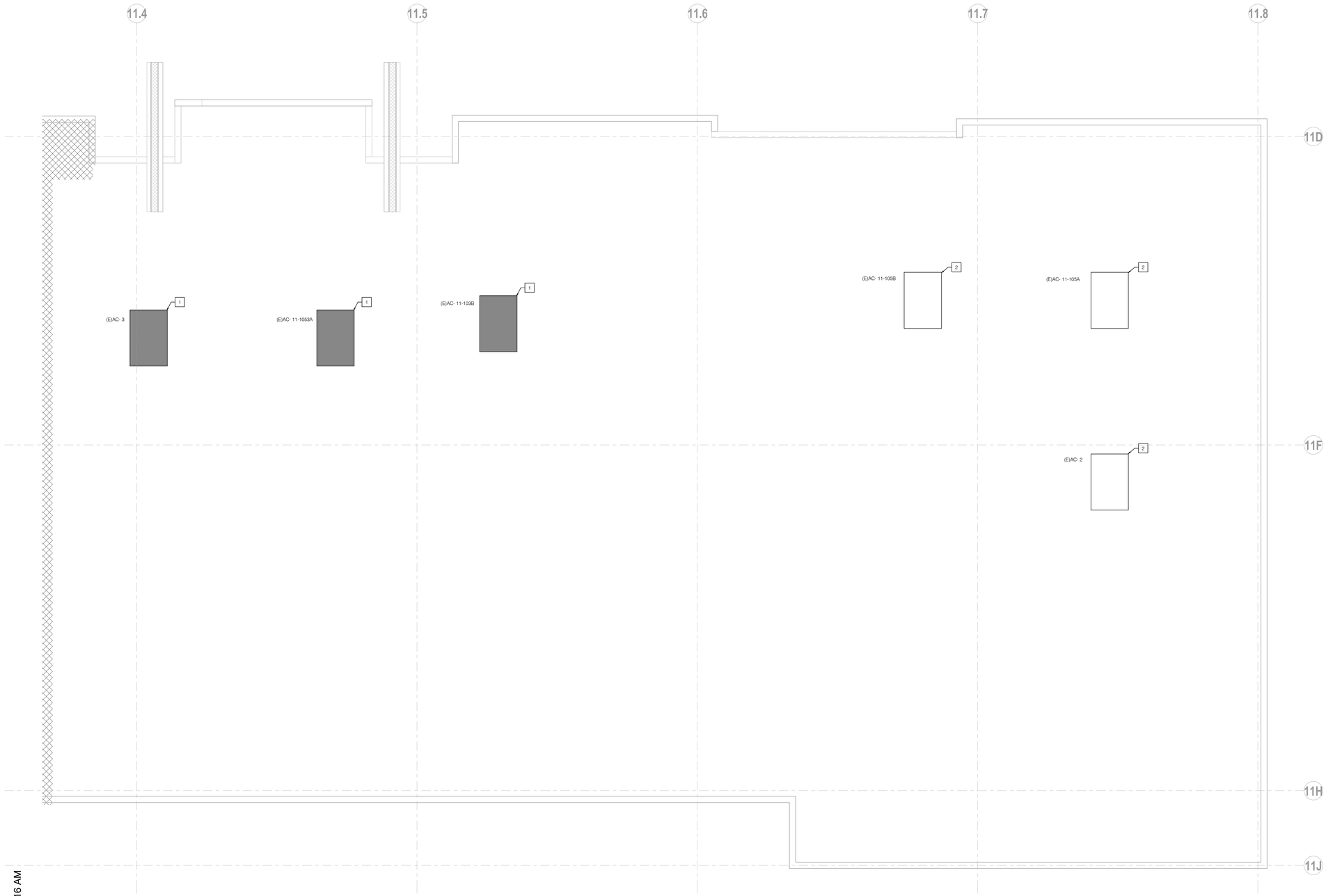
ED2.1

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NOTES

1 MECHANICAL EQUIPMENT EXISTING TO REMAIN.

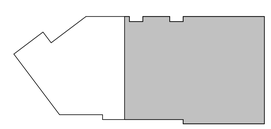
2 REMOVE ALL ELECTRICAL CONNECTIONS ASSOCIATED WITH MECHANICAL EQUIPMENT



1 ROOF OVERALL DEMO POWER PLAN

SCALE: 1/4" = 1'-0"

6/3/2026 10:28:16 AM



KEY PLAN

0' 4' 8' 16'

PROJECT NORTH N

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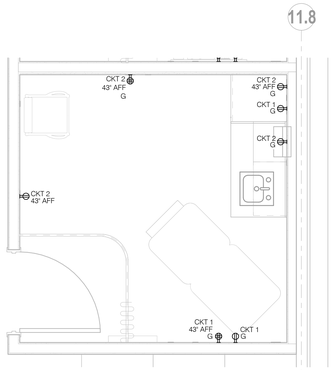
Seal:

Sheet:

ELECTRICAL DEMOLITION ROOF PLAN

ED2.2

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2 TYPICAL EXAM ROOM ENLARGED PLAN

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

1 LEVEL 1 OVERALL POWER PLAN

SCALE: 1/4" = 1'-0"

6/3/2026 10:28:18 AM

GENERAL NOTES

1. PROVIDE TAMPER RESISTANT SAFETY RECEPTACLES AT ALL PUBLIC SPACES, INCLUDING LOBBIES, CORRIDORS/HALLS, WAITING ROOMS, TOILETS, AND EXAM AND PROCEDURE ROOMS.
2. COORDINATE HEIGHTS OF ALL RECEPTACLES WITH ELECTRICAL NOTES, ELECTRICAL DETAILS, AND ARCHITECTURAL ELEVATIONS.

NOTES

1. PROVIDE POWER POLE FOR FURNITURE FEED.
2. PROVIDE CORD COVERS FROM PROCEDURE CHAIR TO DEDICATED QUAD.
3. PROVIDE POWER TO PROCEDURE LIGHT. COORDINATE EXACT LOCATION WITH ARCHITECT.
4. MAKE CONNECTION TO FURNITURE FEED. RECEPTACLES SHOWN ON DESK (QTY. 6) ARE MOUNTED IN FURNITURE SYSTEM.
5. PROVIDE TOGGLE SWITCH FOR GARBAGE DISPOSAL. COORDINATE WITH ARCHITECT FOR EXACT LOCATIONS.
6. RE-USE EXISTING CIRCUIT. CONTRACTOR TO FIELD VERIFY SOURCE, CONDITION, AND EXTEND TO NEW WORK AS REQUIRED.
7. RELOCATE EXISTING QUAD FOR NEW RECEPTION DESK. COORDINATE WITH ARCHITECT FOR EXACT LOCATION.
8. FIELD ROUTE CONDUITS. REFER TO ONE-LINE DIAGRAM ON SHEET E0.3 FOR ADDITIONAL INFORMATION.
9. REFER TO TYPICAL EXAM ROOM ON SHEET 2/E2.1. PROVIDE POWER TO EXAM ROOMS VIA CIRCUITS INDICATED ON DRAWINGS.
10. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL REQUIREMENTS. COORDINATE CONNECTION REQUIREMENTS WITH PLUMBING.
11. PROVIDE HARDWIRE CONNECTION TO SINK. COORDINATE WITH THE MANUFACTURER INSTALLATION GUIDE PRIOR TO ROUGH-IN
12. COORDINATE POWER NEEDS WITH NURSE CALL SHOP DRAWINGS.

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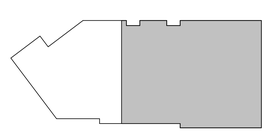
Issue Date: 06/04/2026

Seal:

Sheet:

LEVEL 1
OVERALL POWER PLAN

E2.1



KEY PLAN

PROJECT NORTH

0' 4' 8' 16'

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GENERAL NOTES

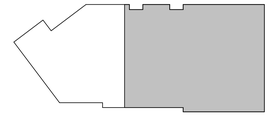
1. REFER TO E0.3 FOR THE MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE.

NOTES

1 PROVIDE CONNECTION BETWEEN CU-1 AND FCU. COORDINATE WITH MANUFACTURE INSTALLATION GUIDE PRIOR TO ROUGH-IN.



KEY PLAN



PROJECT NORTH

N

0' 4' 8' 16'

1 ROOF OVERALL POWER PLAN

SCALE: 1/4" = 1'-0"

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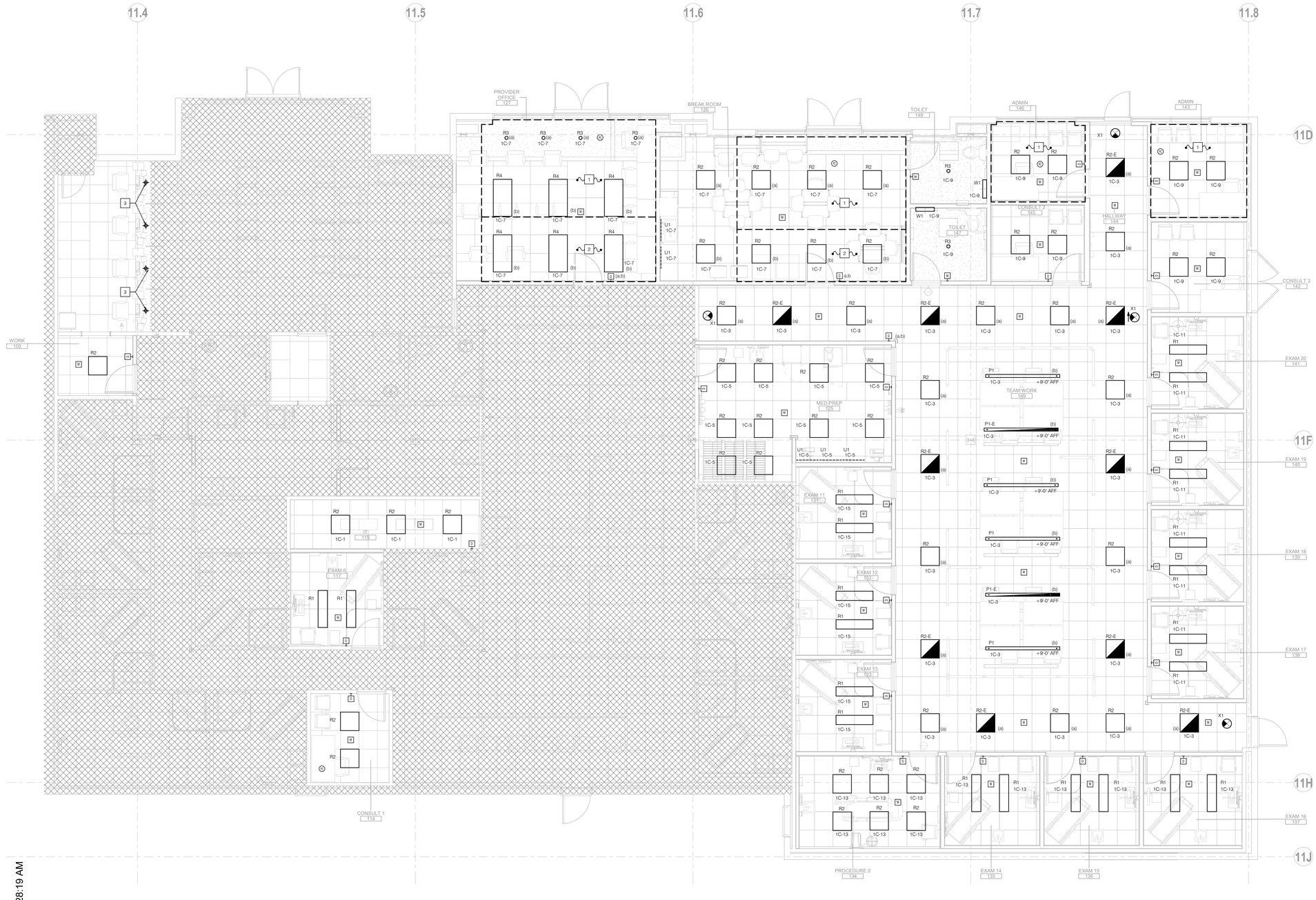
ROOF OVERALL POWER PLAN

E2.2

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NOTES

1. PRIMARY DAYLIGHT ZONE.
2. SECONDARY DAYLIGHT ZONE.
3. INSTALL PENDANT SALVAGED DURING DEMOLITION. EXTEND EXISTING CIRCUIT AND CONTROLS TO NEW FIXTURE LOCATIONS AS REQUIRED.



1 LEVEL 1 LIGHTING OVERALL PLAN

SCALE: 1/4" = 1'-0"

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KEY PLAN

0' 4' 8' 16'

PROJECT NORTH

N

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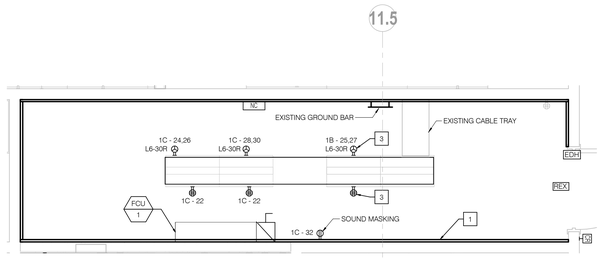
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LEVEL 1 LIGHTING OVERALL PLAN

E3.1

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2 ENLARGED TELECOM ROOM

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



1 LEVEL 1 OVERALL TECHNOLOGY PLAN

SCALE: 1/4" = 1'-0"

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GENERAL NOTES

1. PER NFPA 72. SMOKE DETECTORS SHALL NOT BE LOCATED IN THE DIRECT AIRFLOW OR CLOSER THAN 36 INCHES FROM AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.
2. LOCATE ALL SECURITY CAMERAS NO CLOSER THAN 36 INCHES OF A LIGHT IN FIELD OF VIEW OR RETURN AIR OPENING. COORDINATE EXACT LOCATIONS IN FIELD.

NOTES

1. PROVIDE FIRE RATED PLYWOOD 1/2" THICK ON WALLS, FROM FLOOR TO 8' AFF.
2. PROVIDE J-HOOKS FOR CABLE RUNS. CONNECT BACK TO CABLE TRAY IN TELECOM -1LW-213. COORDINATE WITH TELECOMMUNICATIONS VENDOR.
3. RE-USE EXISTING CIRCUIT SERVING DEMOLITION AREA. CONTRACTOR TO FIELD VERIFY SOURCE, CONDITION, AND EXTEND TO NEW WORK AS REQUIRED.
4. FEED FURNITURE SYSTEMS FROM WALL . PROVIDE 2X DOUBLE GANG BOXES, EACH WITH 8 DATA DROPS FED THROUGH INTO FURNITURE SYSTEMS.

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Owner:

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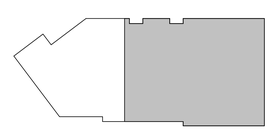
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	5/15/26	90% CD Review
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KEY PLAN

PROJECT NORTH N

0' 4' 8' 16'

Project No: VALL01.25.057

Issue Date: 06/04/2026

Seal:

Sheet:

LEVEL 1 OVERALL TECHNOLOGY PLAN

E4.1

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LIGHTING COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1 — Administered by: ©2026 NEEA, All rights reserved

Project & Applicant Information	**Project Title**	Kent Station Clinic Expansion - 2021 WSEC	For Building Department Use: **Date: May 08, 2026**
	Project Address	521 2nd PL N Suite 11-103A Kent, WA 98032	
	Applicant Name	Kenny Rangel	
	Applicant Phone	206-448-1911	
	Applicant Email	kenny.rangel@2sinc.com	

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

General Occupancy	All Commercial	**General Building Use Type**			Healthcare, Outpatient Therapy	**Building Cond. Floor Area**	9,336
General Project Types	Alteration	**New Building or Addition Lighting Scope**		**Alteration Lighting Scope**	Interior Lighting	**Project Cond. Floor Area**	9,336
						Floors Above Grade	1
						Compliance Method	General Prescriptive
Lighting Project Description	Partial remodel of existing clinic.						

Lighting Compliance Scope and Method	**Project Type**	**Interior / Exterior (house includes both interior & parking)**	**Luminaire Replacement Scope**	**Compliance Method**	**LPA Calculation Adjustment**	**Compliance Verification**
	Alteration	Interior Lighting	20% or more replaced	Space by space	No Calculation Adjustments allowed	**COMPLIES**
Additional Energy Efficiency (AEC) Measures Included	No lighting or electrical additional energy efficiency measures included in project		**Load Management (LDM) Measures Included**		No lighting or electrical load management measures included in project	

Project Title	**Kent Station Clinic Expansion - 2021 WSEC**	**Date**	**May 08, 2026**
Lighting Power Calculation	**ALTERATION - INTERIOR LIGHTING (20% or more replaced)**	**Compliance Verification**	**COMPLIES**
Compliance Method	**Space by space**	**LPA Calculation Adjustment**	**none**

Interior Lighting Power Allowance - Space by Space

General Space Type	Specific Space Type	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)	Total Proposed Watts (LPD = Display LPD)	Compliance Status
Electrical/mechanical	General	93	0.43	40		
Office	Enclosed ≤ 250 sf	461	0.74	341		
Office	Enclosed > 250 sf	383	0.66	253		
Office	Open plan	579	0.61	353		
Restroom	General	127	0.63	80		
Healthcare facility	Corridor	1,084	0.71	770		
Healthcare facility	Exam/treatment room	1,135	1.40	1,589		
Healthcare facility	Lounge/breakroom	416	0.42	175		
Healthcare facility	Medical supply room	135	0.62	84		
			Proposed Total LPD		**3,532**	
	Totals			**3,684**	**3,531**	**COMPLIES**

Proposed Lighting Power Density

Fixture Type	Fixture ID	Quantity of Fixtures (#F)	Watts or Wattage Limit per Fixture (Watt)	Total Linear Feet (LF)	Watts per Linear Foot (Watt/LF)	Total Watts Proposed (If x Watt) or (LF x Watt/LF)
Individual Fixtures						
Direct / indirect pendant	P1	4	58			230
Direct / indirect pendant	P1-E	2	58			115
Troffer	R2-E	10	34			340
Troffer	R4	6	35			210
Troffer	R2	46	34			1,564
Troffer	R1	22	40			880
Recessed downlight	R3	6	25			148
Under-cabinet	UC1	6	7			44
					Proposed Total LPD	**3,532**

Direct / indirect pendant	P1-E	2	58			115
Troffer	R2-E	10	34			340
Troffer	R4	6	35			210
Troffer	R2	46	34			1,564
Troffer	R1	22	40			880
Recessed downlight	R3	6	25			148
Under-cabinet	UC1	6	7			44
					Proposed Total LPD	**3,532**

Project Title	**Kent Station Clinic Expansion - 2021 WSEC**	**Date**	**May 08, 2026**
Proposed Fixtures Details	**ALTERATION - INTERIOR LIGHTING (20% or more replaced)**		

Fixture Type/ Application	Fixture ID	Location In Documents	Lamp Type	New or Existing-to-Remain
Individual Fixtures				
Direct / indirect pendant	P1	E3.1	LED	New
	Fixture Description: Pendant Fixture			Are these fixtures located within a daylight zone?: No
	Do these fixtures require specific application lighting controls?: None required			
Direct / indirect pendant	P1-E	E3.1	LED	New
	Fixture Description: Linear Pendant			Are these fixtures located within a daylight zone?: No
	Do these fixtures require specific application lighting controls?: None required			
Troffer	R2-E	E3.1	LED	New
	Fixture Description: 2' X 2' RECESSED Grid FIXTURE			Are these fixtures located within a daylight zone?: No
	Do these fixtures require specific application lighting controls?: None required			
Troffer	R4	E3.1	LED	New
	Fixture Description: 2'x4' Recessed Grid Fixture			Are these fixtures located within a daylight zone?: Yes, controls provided
	Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)			Do these fixtures require specific application lighting controls?: None required
Troffer	R2	E3.1	LED	New
	Fixture Description: 2'x2' Recessed Grid Fixture			Are these fixtures located within a daylight zone?: No
	Do these fixtures require specific application lighting controls?: None required			
Troffer	R1	E3.1	LED	New
	Fixture Description: 1'x4' Recessed Grid Fixtures			Are these fixtures located within a daylight zone?: No
	Do these fixtures require specific application lighting controls?: None required			
Recessed downlight	R3	E3.1	LED	New
	Fixture Description: R3			Are these fixtures located within a daylight zone?: No
	Do these fixtures require specific application lighting controls?: None required			
Under-cabinet	UC1	E3.1	LED	New
	Fixture Description: UNDERCABINET LIGHT			Are these fixtures located within a daylight zone?: No
	Do these fixtures require specific application lighting controls?: Supplemental task lighting; occupancy or time switch			

Lighting, Motor and Electrical Requirements List, pg 1 of 13

2021 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2026 NEEA. All rights reserved

The following information is necessary to check a permit application for compliance with the lighting systems, motors and electrical system requirements in the Washington State Energy Code, Commercial Provisions.
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

Project:
Kent Station Clinic Expansion - 2021 WSEC
521 2nd PL N
Suite 11-103A
Kent, WA 98032

Date: 2026-05-01

Applies	Code Section	Component	Compliance Information Required In Permit Documentation	Location in Documents	Building Department Notes
LIGHTING SCOPE					
NA	C103.1	Construction documents - General	For a shell & core or tenant space (first build-out) project, indicate if there is no lighting scope included in the project.		
NA	C103.1	Construction documents - General	For an alteration project, indicate if there is no lighting scope included in the project.		
NA	C405.1	Lighting in sleeping units	Indicate general compliance path for permanently installed luminaires in sleeping units - vacancy controls & luminaire efficacy; or lighting power allowance.		
INTERIOR LIGHTING CONTROLS					
YES	C405.2	Interior lighting controls, general	For all interior lighting systems, indicate lighting control method (general lighting controls requirements or luminaire level lighting controls) on plans for all spaces and lighting zone(s) served; indicate exceptions applied to eligible spaces and light	E0.11, E3.1	
YES	C405.2.3	Manual controls	Indicate on plans the method of manual lighting control, location of manual control device and the area or specific application it serves.	E0.11, E3.1	
YES	C405.2.4 C405.2.4.1	Manual interior light reduction controls	For general lighting not controlled by occupancy sensors, indicate on plans which method of manual 50% lighting load reduction is provided, or indicate applicable exception.	E0.11, E3.1	
YES	C405.2.1 C405.2.2	Method of automatic shut-off control	Indicate on plans the method of automatic shut-off control during unoccupied periods (occupancy sensor or time switch) for all lighting zones.	E0.11, E3.1	
YES	C405.2.1	Occupant sensor controls	Indicate on plans all luminaires that are controlled by occupant sensor controls; indicate controls are configured to turn luminaires 100% off when the space is unoccupied	E0.11, E3.1	
YES	C405.2.1 C405.2.1.1	Occupant sensor controls	Indicate if occupant sensor controls are configured to be manual on or automatic on to not more than 50% power; indicate spaces eligible for exception that allows automatic on to 100% power.	E0.11, E3.1	
NA	C405.2.1.2	Occupant sensor controls - warehouse storage areas & library stacks	Indicate each aisleway within a warehouse or library stack space designated as a separate zone that is independently controlled		

Lighting, Motor and Electrical Requirements List, pg 2 of 13

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NA			Indicate occupant sensors are configured to automatically reduce lighting power by ≥ 50% when the zone is unoccupied for over 20 minutes; indicate controls are configured to automatically restore lighting to full power when the zone or space is occupie		
NA	C405.2.1.2	Occupant sensor controls - warehouse storage areas & library stacks	Indicate method of automatic 100% shut-off (occupancy sensor or time switch)		
YES	C405.2.1.3	Occupant sensor controls - open plan office areas	For open plan office areas larger than 300 sf, indicate all general lighting control zones are ≤ 600 sf	E0.11, E3.1	
YES	C405.2.1.3	Occupant sensor controls - open plan office areas	Indicate all general lighting control zones are provided with vacancy controls that are configured to reduce lighting power by not less than 80% when the zone is unoccupied and turn luminaires 100% off when the control zone is unoccupied; indicate unoccup	E0.11, E3.1	
NA	C405.2.1.4	Occupant sensor controls - enclosed fire-rated stairwells	Indicate stairway lighting is provided with occupancy sensor controls that reduce lighting power by not less than 50% when the stairway in unoccupied and restore lighting to 100% when it is occupied.		
YES	C405.2.1.5	Occupant sensor controls - corridors	Indicate corridor lighting is provided with occupancy sensor controls that reduce lighting power by not less than 50% when the corridor is unoccupied.	E0.11, E3.1	
YES	C405.2.2.1	Automatic time switch controls	Indicate spaces on plans where time switch controls are configured to turn luminaires 100% off during unoccupied hours	E0.11, E3.1	
YES			Indicate spaces on plans where time switch controls are configured to turn on lighting to full power versus 50% power	E0.11, E3.1	
YES			Indicate locations of override switches on plans and the lighting zone(s) served; indicate that the area(s) served by each override switch does not exceed 5,000 sf.	E0.11, E3.1	
YES	C405.2.5.2 C405.2.5.4	Daylight zones - Sidelit zones	Indicate primary and secondary sidelit daylight zone floor areas on plans	E3.1	
YES			For small vertical fenestration assemblies (rough opening less than 10% of primary daylight zone floor area) where daylight responsive controls are not required, provide fenestration area to daylight zone floor area calculation(s).	E3.1	
NA			Indicate toplit daylight zone floor areas on plans.		
YES	C405.2.5 C405.2.5.1	Daylight responsive controls	Indicate on plans all lighting zone(s) served by daylight responsive controls; indicate that the area served by each control device does not exceed 2,500 SF	E3.1	

Lighting, Motor and Electrical Requirements List, pg 3 of 13

2021 WSEC Requirements for Commercial Buildings including Group R2, R3 & R4 over 3 stories & all R1 — Administered by ©2026 NEEA. All rights reserved

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NA			Identify sidelit and toplit daylight zones that are not provided with daylight responsive controls and the exception(s) that apply		
YES	C405.2.5.1	Daylight responsive controls	Indicate on plans that all daylight responsive controls provide continuous dimming to ≤15% full light output	E3.1	
YES	C405.2.5.1	Daylight responsive controls	Indicate that daylight responsive controls are configured to completely shut off all controlled lighting fixtures within the lighting zone.	E3.1	
NA	C405.2.6	Additional controls - Specific application lighting controls	Identify spaces and lighting fixtures on plans that require specific application lighting controls per this section.		
YES	C405.2.6, Items 1.1 thru 1.6	Additional lighting controls for display, accent & supplemental task lighting	Indicate on plans that all display, accent and supplemental task lighting fixtures are controlled independently from general area lighting	E0.11, E3.1	
NA	C405.2.6, Items 1.1 and 1.2	Display and accent lighting	For display and accent lighting fixtures, including lighting fixtures added per the C405.2.2.1 additional interior lighting power allowance, indicate on plans the separate manual controls for these fixtures and the type of automatic off controls (occupanc		
NA			For display case lighting fixtures, indicate on plans the separate manual controls for these fixtures and the type of automatic off controls (occupancy sensor or time-switch)		
YES	C405.2.6, Item 1.4	Supplemental task lighting	For supplemental task lighting fixtures including under-shelf or under-cabinet lighting, indicate on plans the separate manual controls for these fixtures and the type of automatic off controls (occupancy sensor or time-switch)	E0.11, E3.1	
NA	C405.2.6, Item 1.5	Lighting equipment for sale or demonstration	For lighting equipment for sale or demonstration, indicate on plans the separate manual controls for these fixtures and the type of automatic off controls (occupancy sensor or time-switch)		
NA			For exhibit lighting fixtures in galleries, museums and monuments, indicate on plans the separate manual controls for these fixtures and the type of automatic off controls (occupancy sensor or time-switch).		
NA	C405.2.6, Item 2	Permanently installed lighting in sleeping units	Indicate method of automatic off control of all installed luminaires in sleeping units (vacancy or captive key card control); also refer to Receptacles.		

Lighting, Motor and Electrical Requirements List, pg 4 of 13

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NA	C405.2.6, Item 3	Lighting for non-visual applications	For lighting serving non-visual applications ((food warming and lighting for life support of nonhuman life forms), indicate on plans that lighting fixtures are controlled independently from both general area lighting and other lighting applications within		
NA			Indicate on plans separate manual controls for non-visual lighting application fixtures and applicable automatic lighting controls; indicate that the area served by each control device does not exceed 4,000 sf.		
NA			For task lighting that serves medical & dental purposes, indicate on plans that lighting fixtures are provided with manual control that is independent from general area lighting.		
YES	C405.2.6, Item 5	Means of egress lighting	Identify all means of egress lighting fixtures on plans including fixtures that function as both normal and emergency illumination	E0.11, E3.1	
YES			Provide calculation for total lighting power density (LPD) of all means of egress lighting fixtures; if total LPD is ≥ 0.01 Watts/SF, indicate on plans the method of automatic shut-off control during unoccupied periods (emergency relay & occupancy sens	E0.11, E3.1	
NA	C405.2.8	Advanced lighting controls in open office areas	For open office areas ≥ 5,000 sf, indicate which advanced lighting control system is provided (luminaire level lighting controls or networked lighting controls).		
NA	C405.2.8.1	Luminaire level lighting controls (LLLC)	Where LLLC are provided to comply with C405.2.8, or provided as the alternate lighting controls compliance method per C405.2, or to comply with C406.2.4.2 Enhanced digital interior lighting controls; provide sequence of operations that describes required		
NA	C405.2.8.1 C405.2.8.3	Luminaire level lighting controls (LLLC)	Indicate on plans that each LLLC luminaire is configured with occupancy sensing control functions (including C405.2.1.3 requirements for open office areas) and continuous full range dimming controls to brighten or dim lights based on occupancy and availab		
YES	C405.2.8.2	Networked lighting control (NLC)	Where NLC are provided to comply with C405.2.8, or to comply with C406.2.4.2 Enhanced digital interior lighting controls; provide sequence of operations that describes required NLC capabilities and performance parameters	E0.11, E3.1	
YES	C405.2.8.2 C405.2.8.3	Networked lighting control (NLC)	Indicate on plans that each NLC luminaire is individually addressable or document exception applied; Indicate on plans that each NLC luminaire is configured with occupancy sensing control functions (including C405.2.1.3 requirements for open office areas)	E0.11, E3.1	

Lighting, Motor and Electrical Requirements List, pg 5 of 13

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NA	C405.8.3	High end trim	Where high end trim is required, luminaires shall be initially configured to limit maximum output or lighting power to 85% or to the target design lighting power.		
INTERIOR LIGHTING CONTROLS - ADDITIONAL ENERGY EFFICIENCY MEASURE					
NA	C406.2.4.2	Enhanced digital interior lighting controls	To comply with the enhanced interior lighting controls measure, provide calculations that demonstrate that lighting in ≥ 50% of the project floor area is provided with LLLC (C405.2.8.1) or NLC (C405.2.8.2) controls with high end trim (C405.2.8.3)		
NA			Where LLLC is provided, indicate on plans that each LLLC controlled luminaire is configured with integral sensors; where NLC is provided, indicate on plans that each NLC controlled luminaire is configured to be independently addressable; provide sequence		
NA	C406.2.4.1	Enhanced lighting controls in Group R-2	In Group R-2 occupancies, indicate on plans a master control at the main entrance to each dwelling or sleeping unit that switches off all lights and switched receptacles (may be two controls, one for lights and the other for receptacles); indicate on plan		
INTERIOR LIGHTING CONTROLS - LIGHTING LOAD MANAGEMENT MEASURE					
NA	C406.3.1	Interior lighting DDC controls & real-time demand response	To comply with the interior lighting load management measure, indicate automatic lighting controls are connected to a central DDC system capable of activation by an external utility signal; where utility real-time demand or pricing program exists, indicat		
NA	C406.3.1	Interior lighting power reduction controls	Indicate lighting controls are configured to gradually reduce by continuous dimming the interior general area lighting power by 7.20% in response to a peak demand signal; calculate the percentage of total building floor area served by load management ligh		
NA	C406.3.1	Warehouse & retail storage interior lighting power reduction controls	For warehouse & retail storage areas, indicate method of interior general area lighting power reduction (continuous dimming by 7.20%; switching off 7 25% of lighting power).		
EXTERIOR LIGHTING CONTROLS					
NA	C405.2.9 C405.2.9.1 C405.2.9	Exterior lighting controls	For all exterior lighting, indicate on plans automatic controls (either daylight sensing or astronomic time clock) configured to turn lighting off when daylight is present; or indicate exception applied.		
NA			For exterior building facade & landscape lighting, indicate that controls are configured to turn this lighting off when daylight is present for a minimum of 6 hours per night, or from 1 hour after closing to 1 hour before opening per the occupancy schedul		

Lighting, Motor and Electrical Requirements List, pg 6 of 13

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NA			For outdoor parking area (not parking garage) luminaires that are mounted ≤ 24 feet high and are rated at ≥ 40 watts, indicate that controls are configured to turn this lighting off when daylight is present; in addition, indicate controls are config		
NA			For exterior lighting other than building facade, landscape and outdoor parking area lighting, indicate controls are configured to reduce lighting power by at least 50% from 12am-6am, or 1 hour after closing to 1 hour before opening, or when no activity i		
NA	C405.2.10	Parking garage lighting control	Indicate all interior parking garage lighting fixtures are provided with time switch controls (per C405.2.2.1) or occupancy sensor controls (per C405.2.1.1); indicate controls are configured to reduce lighting power by at least 30% when no activity is det		
NA	C405.2.10	Parking garage lighting control - Perimeter lighting zones	For parking garage lighting fixtures located within 20 feet of perimeter wall openings, indicate on plans that daylight sensing controls are configured to reduce lighting power by at least 50%, or exception applied		
NA	C405.2.10	Parking garage lighting control - Eye adaptation lighting	For lighting fixtures at vehicle entrances & exits, indicate on plans that daylight sensing controls are configured to reduce lighting power by at least 50% from sunrise to sunset.		
NA	C405.3	Lighting for plant growth and maintenance	For permanently installed lighting fixtures used specifically for plant growth and maintenance, indicate that the photosynthetic photon efficacy measured at the lamp or luminaire is ≥ 1.7 η/mol/J in greenhouses and ≥ 1.9 η/mol/J in all other indoo		
NA	C405.5.4	Exterior gas-fired lighting appliances	Indicate ignition system is a method other then continuously burning pilot light.		
INTERIOR & EXTERIOR LIGHTING CONTROL CIRCUITS					
YES	C405.2.7	Area controls - Master control switches	Indicate location(s) of lighting master control switch(es) intended to control multiple independent switches; a circuit breaker may not be used as a lighting master control switch	E0.11, E3.1	
YES			Verify the maximum power controlled by any single lighting control switch or automatic control device is no more than a 20 amp circuit loaded to 7 80%.	E0.11, E3.1	
INTERIOR LIGHTING POWER & EFFICACY					
YES	C405.4.1	Total connected interior lighting power	Include all luminaires in interior lighting fixture schedule; indicate fixture types, lamps, ballasts and rated watts per fixture; include rated wattage of lamps for luminaires with lamps connected directly to building power; include wattage limit of tran	E0.11, E3.1	

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Project:

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521 2ND PL N
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Owner:
WE ARE valley
VALLEY MEDICAL CENTER

Consultant:
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San Diego // San Jose // Seattle
p2sinc.com

Issued:

Mark	Date	Description
	5/15/26	90% CD Review
	6/04/2026	BID & PERMIT

Project No: VALL01.25.057

Issue Date: 06/04/2026

Seal:

Sheet:
WSEC REQUIREMENTS LIST

E7.1

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YES			Identify spaces eligible for lighting power exemption on plans and in WSEC interior lighting compliance reports; indicate the exception applied	E0.11, E3.1
YES			Identify lighting equipment eligible for lighting power exemption in fixture schedule and in WSEC interior lighting compliance reports; indicate the exception applied.	E0.11, E3.1
NA	C405.1.1	Lighting in dwelling units	Include all permanently installed luminaires in dwelling units in interior lighting fixture schedule; include luminaire lighting power and efficacy (lumens)	
NA			Include all permanently installed luminaires in sleeping units in interior lighting fixture schedule; include luminaire lighting power or efficacy (lumens) depending on compliance path taken per C405.1	
NA			For all permanently installed luminaires, indicate in interior lighting fixture schedule that rated lamp efficacy is ≥ 65 lumens/watt or luminaire efficacy is ≥ 45 lumens/watt.	
YES	C405.4.2	Interior lighting power allowance (LPA)	Indicate which interior LPA method is applied to the entire building (Building Area Method or Space-by-Space Method); indicate LPA applied is Space-by-Space Method for partial building projects and for buildings with unfinished spaces.	E7.1
INTERIOR LIGHTING POWER CALCULATION - INDICATE COMPLIANCE PATH TAKEN				
NA	C405.4.2.1	Building Area Method	Demonstrate that total proposed interior lighting wattage per building does not exceed the sum of the maximum allowed wattages for all building area types; identify locations of building areas on plans; provide WSEC interior lighting compliance reports.	
YES	C405.4.2.2	Space-By-Space Method	Demonstrate that total proposed interior lighting wattage does not exceed the maximum allowed wattage; identify locations of space types on plans, including additional allowance retail display areas and areas with display, highlight and decorative lightin	E7.1
INTERIOR LIGHTING POWER & EFFICACY - ADDITIONAL ENERGY EFFICIENCY MEASURES				
YES	C406.2.3.1 C406.2.3.2	Reduced interior lighting power density (LPD)	To comply with the reduced interior LPD additional energy efficiency measure, demonstrate that total proposed interior LPD wattage is 10% or 20% lower than the total interior LPA wattage for the area the reduced lighting power measure is being applied to	E7.1

Lighting, Motor and Electrical Requirements List, pg 8 of 13

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NA	C406.2.3.3	Reduced interior LPD - Dwelling & sleeping unit lamp efficacy	To comply with reduced interior LPD additional energy efficiency measure for a building with dwelling units or sleeping units, indicate in interior lighting fixture schedule that all permanently installed luminaires have a rated lamp efficacy ≥ 90 lume
EXTERIOR LIGHTING POWER & EFFICACY			
NA	C405.5.2	Total connected exterior lighting power	Include all luminaires in exterior lighting fixture schedule; indicate fixture types, lamps, ballasts and rated watts per fixture; include rated wattage of lamps for luminaires with lamps connected directly to building power; include wattage limit of tran
NA			Identify exterior lighting applications eligible for lighting power exemption on plans and in WSEC exterior lighting compliance reports; indicate the exception applied.
NA	TABLE C405.5.3(1)	Exterior lighting zone	Indicate the building exterior lighting zone as specified by the AHJ.
NA	C405.5.1	Exterior building grounds lighting	For building grounds lighting fixtures rated at greater than 25 watts, indicate in exterior lighting fixture schedule that fixtures have a rated lamp efficacy ≥ 100 lumens/watt or indicate the exception applied.
EXTERIOR LIGHTING POWER CALCULATION			
NA	C405.5.3	Exterior lighting power allowance (LPA)	Demonstrate that total proposed exterior surface lighting wattage does not exceed the maximum allowed wattage (including base site allowance); identify locations of exterior surfaces on plans; provide WSEC exterior lighting compliance reports
NA			Demonstrate that total proposed wattage for each additional allowance exterior surface type does not exceed the LPA for the surface type (includes base site allowance remaining after C405.5.3 LPA calculation); identify locations of additional allowance ex
LIGHTING SYSTEMS ALTERATIONS			
YES	C503.7.1	New lighting systems and controls	Where new interior or exterior lighting systems are installed within an existing building site, indicate new lighting controls comply with C405.2; indicate commissioning of lighting controls (C408.4) and lighting system energy end-use metering (C409.3) wi
YES	C503.7.2	Interior lighting & parking garage lighting alteration	Include all new luminaires in interior lighting fixture schedule in plans, provide same lighting fixture information as for new construction per C405.4.1 and C405.4.2

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YES			For alterations that add or replace ≥ 20% of luminaires within an interior space or parking garage, indicate which interior lighting power allowance (LPA) method is applied to the alteration project area (Space-by-Space Method for partial building alte	E7.1
YES			Demonstrate that total proposed interior lighting wattage (including existing-to-remain lighting wattage) within the alteration project area does not exceed the maximum allowed wattage (Space-by-Space Method) or the sum of the maximum allowed wattages for	E7.1
NA	C503.7.2	Interior lighting alterations (LPA) - Add/replace	For alterations that add or replace < 20% of luminaires in an interior space or parking garage, calculate total existing interior lighting wattage within the project area prior to the alteration	
NA	C503.7.2	Interior lighting alterations (LPD) - Add/replace	Demonstrate that total proposed interior lighting wattage (including existing-to-remain lighting wattage) within the alteration project area does not exceed the total existing interior lighting wattage prior to the alteration; provide WSEC interior lighti	
NA			Include all new luminaires in exterior lighting fixture schedule in plans, provide same lighting fixture information as for new construction per C405.5.2	
NA	C503.7.2	Exterior lighting alterations (LPA) - Add/replace >e 20%	For alterations that add or replace ≥ 20% of exterior lighting wattage, indicate exterior lighting power allowance (LPA) calculated in the same manner as for new construction	
NA	C503.7.2	Exterior lighting alterations (LPD) - Add/replace >e 20%	Demonstrate that total proposed exterior lighting wattage (including existing-to-remain lighting wattage) does not exceed the maximum allowed wattage; identify locations of surface types on plans, including additional allowance surfaces; provide WSEC exte	
NA	C503.7.2	Exterior lighting alterations (LPA) - Add/replace	For alterations that add or replace < 20% of exterior lighting wattage, calculate total existing exterior lighting wattage prior to the alteration	
NA	C503.7.2	Exterior lighting alterations (LPD) - Add/replace	Demonstrate that total proposed exterior lighting wattage (including existing-to-remain lighting wattage) does not exceed the total existing exterior lighting wattage prior to the alteration; identify locations of surface types on plans, including additio	
YES	C503.7.3	Interior lighting wiring & circuiting alterations	Where new wiring is installed to serve new interior luminaires and /or luminaires are relocated to a new circuit; indicate manual and automatic lighting controls are provided (as applicable) - manual & light reduction (C405.2.3 & C405.2.4); occupancy sens	E0.11, E3.1

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NA			Where new wiring is installed to serve new exterior luminaires and /or luminaires are relocated to a new circuit; indicate circuit power area controls (C405.2.7) are provided; indicate commissioning of exterior lighting controls (C408.4) will be provided,	
YES	C503.7.4	Lighting panel alterations	Where a new interior and/or exterior lighting panel is installed or an existing panel is moved (including all new raceway and conductor wiring), indicate all of the same interior lighting controls requirements as for wiring & circuiting alterations apply,	E2.1
NA	C503.7.5	Newly-created rooms	Where interior space(s) are reconfigured (permanently installed walls or ceiling-height partitions) to create new enclosed spaces, indicate the following manual and automatic lighting controls are provided (as applicable) - manual & light reduction (C405.	
NA	C504.2	Lighting repairs	Identify existing luminaires being upgraded with bulb and / or ballast replacement; indicate fixture alteration does not increase existing fixture wattage	
NA	C505.1	Change of interior space use	Identify spaces on plans where the building area type or space use type is being changed from one type to another per Tables C405.4.2(1) or (2) including additional allowance retail display areas and areas with display, highlight and decorative lighting	
NA			Demonstrate that total proposed interior lighting wattage (including existing-to-remain lighting wattage) within the alteration project area does not exceed the maximum allowed wattage (Space-by-Space Method) or the sum of maximum allowed wattage per each	
RECEPTACLES				
YES	C405.10	Automatic receptacle control	Provide schedule on electrical plans that lists the number of controlled and uncontrolled receptacles in each space where controlled receptacles are required - classrooms, enclosed offices, conference rooms, copy/print rooms, break rooms and individual wo	E2.1
YES			Identify all controlled and uncontrolled receptacles on electrical plans; indicate that ≥ 50% of all receptacles are provided with automatic controls in each space where they are required; include receptacle configuration such as spacing between contro	E2.1
YES			Indicate on plans the method of automatic control for each controlled receptacle zone (occupant sensor or programmable time-of-day control); indicate that the area served by each control device does not exceed 5,000 sf.	E2.1

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NA	C405.2.6, Item 2	Switched receptacles in sleeping units	Indicate method of automatic off control of all switched receptacles in sleeping units (vacancy or key card control).	
NA	C405.7.1	Electric receptacles at dwelling unit gas appliances	In all designated appliance locations within dwelling units (kitchen cooking appliances, laundry and domestic water heating), indicate electric receptacles or junction box & circuit within 12 inches of the appliance location with sufficient capacity to se	
YES	C503.7.7	Electrical receptacle alerations	For alteration project areas ≥ 5,000 sf where electric receptacles are added or replaced, indicate receptacles are provided with automatic controls per C405.10, or exception applied.	E2.1
ELECTRIC MOTORS				
NA	C405.8	Electric motor efficiency	Include all motors, including fractional hp motors, in electric motor schedule on electrical plans; indicate motor type, horsepower, rpm, rated efficiency, or exception applied.	
ELEVATORS, ESCALATORS & MOVING WALKS				
NA	C405.9.1	Elevator cabs	For luminaires in each elevator cab, provide calculations that demonstrate average efficacy is not less than 35 lumens per watt	
NA			For elevators that do not have an integral air conditioning system, indicate rated watts per cfm for elevator cab ventilation fans do not exceed 0.33 watts per cfm	
NA			Indicate automatic controls that de-energize lighting and ventilation fans when elevator is stopped and unoccupied for a period of 15 minutes or more.	
NA	C405.9.2	Escalators and moving walks	Indicate escalators and moving walks comply with ASME A17.1/CSA B44 and are provided with automatic controls that are configured to reduce operational speed to the minimum permitted when not in use, or exception applied.	
NA	C405.9.3	Escalator energy recovery	Indicate escalators are designed to recover electrical energy when resisting overspeed in the down direction.	
RENEWABLE ENERGY				
NA	C411	Renewable Energy	For new construction, including additions, change of use, and change of occupancy, with floor area ≥ 10000sf; provide documentation of on-site renewable energy capacity; provide calculations supporting applicable exceptions; if qualifying by exception provide an accounting for the additional Additional Energy Efficiency Credits that will be required	

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RENEWABLE ENERGY - ADDITIONAL ENERGY EFFICIENCY MEASURE			
NA	C406.2.5	On-site and off-site renewable energy	To comply with the renewable energy measure, provide an accounting of on-site and any contracted-off-site renewable energy capacity; for all off-site sources, indicate the C411.2 renewable energy source type, energy factor, and the rated capacity and calculated code credited kW; indicate on-site renewables used to comply with C411 or for a code exception elsewhere in the code; with the remaining renewable energy provide Equation 4-17 calculations showing the achieved credits and that the achieved credits are ? the base credits for the measure
NA	C406.2.5	On-site and off-site renewable energy	Provide documentation that all off-site renewable energy systems comply with Sections C411.2.2 and C411.2.3 including all contracts, and the ownership and location of off-site generation
ELECTRIC ENERGY STORAGE - LOAD MANAGMENT MEASURE			
NA	C406.3.4	Electric energy storage	To comply with the electrical energy storage load management measure, indicate automatic controls shall store electricity in electric storage devices during nonpeak periods and use stored energy during peak periods; Document the total electric storage device capacity; indicate it is 7.5 Wh/sf (58 Wh/m) of gross building area; for proration provide the proration calculations supporting the claimed credit
GENERAL ELECTRICAL SYSTEMS			
NA	C405.6	Electrical transformers	Include electrical transformer schedule on electrical plans; indicate transformer type, size (kVA), efficiency, or exception applied.
NA	C405.7	Dwelling unit electrical energy consumption	Indicate on electrical plans that each dwelling unit in a Group R-2 building has a separate electrical energy meter, or exception applied.
YES	C405.11	Voltage drop	Indicate wire conductors are sized so that the maximum voltage drop from customer service conductors to branch circuit conductors is &le 5%.	E2.1
NA	C405.12	Alternating current-output uninterruptible power supplies (AC-output UPS)	Indicate in plans that AC-output UPS systems serving computer rooms meet or exceed the calculation and testing requirements identified in ENERGY STAR Program Requirements for Uninterruptible Power Supplies (UPS) 7 Eligibility Criteria Version 2.0.	
COMMISSIONING (CX)			

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YES	C408.4	Scope of electrical power & lighting systems commissioning	Indicate that all electrical systems (receptacles, transformers, motors, vertical & horizontal transportation) for which the WSEC requires control functions and/or configuration to perform specific functions are required to be commissioned; include docume	E0.11, E3.1
NA			Where total building lighting load is ≥ 10 kW or the total lighting load of luminaires requiring daylight sensing and/or occupancy control is ≥ 5 kW, indicate that all automatic lighting control systems are required to be commissioned; or provide ca	
YES	C408.1.1	Commissioning requirements in construction documents	Indicate Cx requirements in plans and specifications for all applicable electrical and lighting control systems	E0.11, E3.1
YES	C408.1.2 C103.6.3	Commissioning requirements in construction documents	General summary of Cx plan shall include the following: 1) Narrative description of activities; 2) Responsibilities of the Cx team; 3) Schedule of activities including verification of project close out documentation (C103.6); 4) Conflict of interest plan	E0.11, E3.1
YES	C408.1.3 C408.1.4	Commissioning requirements in construction documents	Include in general summary that a Cx project report and Cx Compliance Checklist (Figure C408.1.4.1) shall be completed by the Certified Cx Professional and provided to the owner prior to the final electrical inspection.	E0.11, E3.1
YES	C408.4.1	Functional performance testing criteria	Identify in plans and specifications the intended operation of all electrical equipment and controls during all modes of operation, including interfacing between new and existing-to-remain systems.	E0.11, E3.1
PROJECT CLOSE OUT				
YES	C103.6.3	Documentation requirements	Indicate in plans that project close out documentation is required; indicate information shall include: WSEC lighting compliance reports that document all interior lighting areas and space types, exterior lighting surface types, interior/exterior lighting	E0.11, E3.1

If "no" is selected for any question, provide explanation.

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Project:

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Owner:

WE ARE valley
VALLEY MEDICAL CENTER

Consultant:

P2S ENG
Long Beach // Irvine // Los Angeles
San Diego // San Jose // Seattle
p2sinc.com

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Mark	Date	Description
	5/15/26	90% CD Review
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Project No: VALL01.25.057

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EGRESS PHOTOMETRICS

MINIMUM: 5.5 FC
AVERAGE: 19.2 FC
AVG/MIN RATIO: 3.49



1 LEVEL 1 LIGHTING PHOTOMETRIC PLAN

SCALE: 1/4" = 1'-0"

6/3/2026 10:28:30 AM

KEY PLAN

0' 4' 8' 16'

PROJECT NORTH N

COLLINS WOERMAN

710 Second Avenue, Suite 1400
Seattle, Washington 98104
206.245.2100

Project:

KENT STATION CLINIC EXPANSION

521 2ND PL N
SUITE 11-103A
KENT, WA 98032

Owner:

WE ARE Valley
VALLEY MEDICAL CENTER

Consultant:

P2S ENG

Long Beach // Irvine // Los Angeles
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Issued:

Mark	Date	Description
	5/15/26	90% CD Review
	6/04/2026	BID & PERMIT

Project No: VALL01.25.057

Issue Date: 06/04/2026

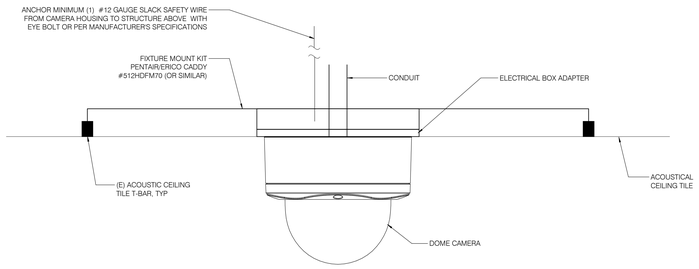
Seal:

Sheet:

LEVEL 1 LIGHTING PHOTOMETRIC PLAN

E3.2

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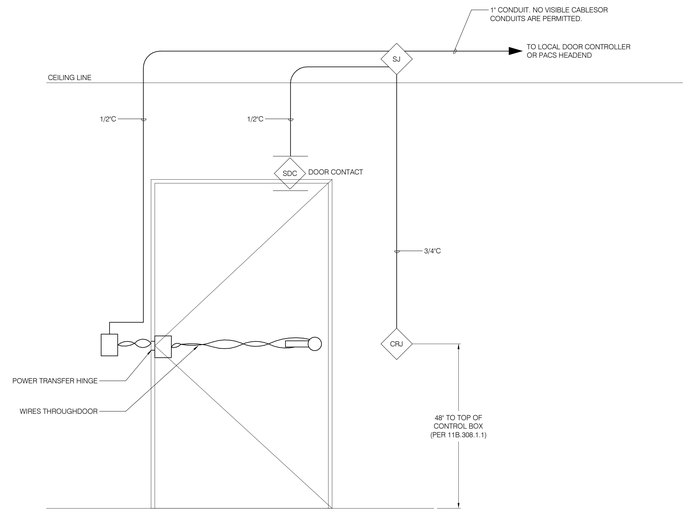


GENERAL NOTE

1. IF NOT FEASIBLE, UTILIZE T-RUNNER SUSPENDED SYSTEM TO PROVIDE ADDITIONAL SUPPORT WITH ANCHORS THROUGH ACOUSTIC CEILING TILE, AND CONNECTED VIA METAL WIRE TO ANCHORS IN HARD CEILING, PER MANUFACTURER'S SPECIFICATIONS.

3 DOME CAMERA CEILING MOUNT WITH T-BAR ADAPTER

SCALE: NONE

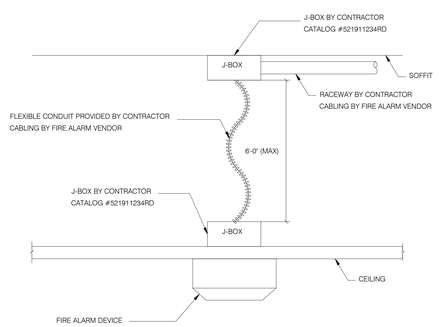


LEGEND

SYMBOL	DESCRIPTION
SDC	SECURITY DOOR CONTACT.
SJ	SECURITY JUNCTION BOX 4-11/16" SQ.
CRJ	CARD READER JUNCTION BOX 4"SQ. WITH SINGLE GANG MUD RING AND STAINLESS STEEL COVER.

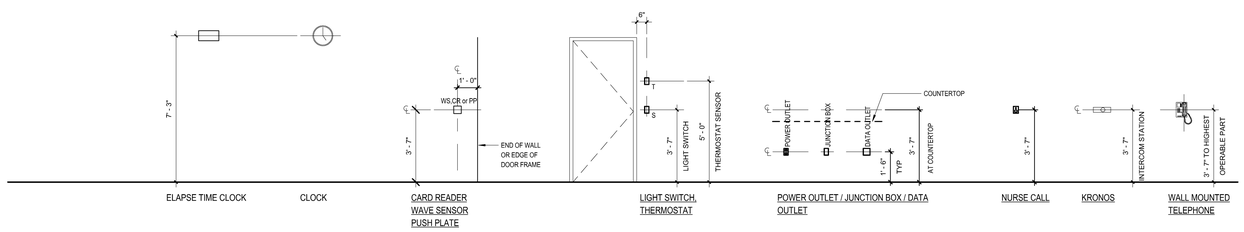
2 ELECTRIFIED LOCKSET WITH DOOR CORD - SINGLE DOOR

SCALE: NONE



4 FIRE ALARM ROUGH-IN DETAIL

SCALE: NONE



1 TYPICAL MOUNTING HEIGHTS

SCALE: NONE

6/3/2026 10:28:31 AM

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Seal:

Sheet:

ELECTRICAL, TECHNOLOGY, AND FIRE ALARM DETAILS

E9.1

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