WASHINGTON STATE PARKS & RECREATION COMMISSION

SOPHIA DANENBERG, CHAIR

LAURA CONNELLY, VICE CHAIR — ALI RAAD

HOLLY WILLIAMS, SECRETARY — SCOTT MERRIMAN

MICHAEL LATIMER — KEN BOUNDS

DIANA DUPUIS, DIRECTOR

APPROVED FOR CONSTRUCTION

09/24/2024

REGION MANAGER *date*

10/4/2024

CAPITAL PROGRAM MANAGER *date*

Area Manager: Diana Dupuis

WASHINGTON STATE PARKS NW REGION

HQ REMODEL

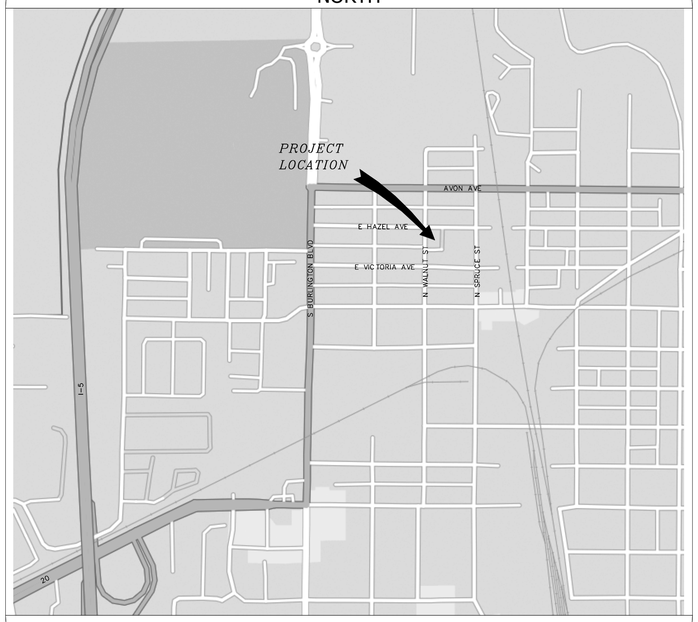
VICINITY MAP

NORTH

48° 28' 36.552" N 122° 19' 55.416" W

PROJECT LOCATION

NORTH



220 NORTH WALNUT STREET, BURLINGTON, WA 98233
SKAGIT COUNTY TAX PARCEL NUMBER P71941

INDEX

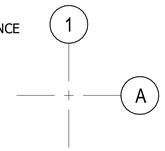
CAD#: R1200-35NW-2024 WASHINGTON STATE PARKS NW HQ TI

ABBREVIATIONS

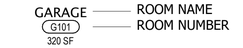
@	AT
℄	CENTERLINE
ℙ	PROPERTY LINE
∅	DIAMETER
#	POUND OR NUMBER
(E)	EXISTING
(N)	NEW
AB	ANCHOR BOLT
ABV	ABOVE
ACC	ACCESS
ACOUS	ACOUSTICAL
ACP	ASPHALT CONCRETE PAVING
ACS	ACCESS PANEL
ACT	ACOUSTICAL TILE
AD	AREA DRAIN
ADA	AMERICANS with DISABILITIES ACT
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AGGR	AGGREGATE
AIB	AIR INFILTRATION BARRIER
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
AUTO	AUTOMATIC
BD	BOARD
BITUM	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF...
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
BUR	BUILT UP ROOFING
CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT
CER	CERAMIC
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CLG	CEILING
CLK	CAULKING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CPT	CARPET; CARPETED
CRS	COLD ROLLED STEEL
CSK	COUNTERSUNK
CT	CERAMIC TILE
CTR	CENTER
CU FT	CUBIC FEET
DBL	DOUBLE
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DR	DOOR
DR OPNG	DOOR OPENING
DS	DOWNSPOUT
DSP	DRY STANDPIPE
DT	DRAIN TILE
DW	DISHWASHER
DWG	DRAWING
E	EAST
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EW	EACH WAY
EXH FN	EXHAUST FAN
EXIST	EXISTING
EXP	EXPANDED; EXPANSION
EXP BT	EXPANSION BOLT
EXPO	EXPOSED
EXT	EXTERIOR
FA	FIRE ALARM
FB	FLAT BAR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF EL	FINISH FLOOR ELEVATION
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FIN FLR	FINISH FLOOR
FF	FINISH TO FINISH
FIN	FINISH
FLASH	FLASHING
FLR	FLOOR; FLOORING
FLUOR	FLUORESCENT
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOIC	FURNISHED BY OWNER - INSTALLED BY CONTRACTOR
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FP	FIREPROOF
FPL	FIREPLACE
FR	FRAME
FT	FOOR OR FEET
FTG	FOOTING
FURR	FURRING
FUT	FUTURE
FW	FULL WIDTH
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GLASS
GLAM	GLUE-LAMINATED
GR	GRADE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HB	HOSE BIBB
HC	HOLLOW CORE
HDO	HIGH DENSITY OVERLAY
HDR	HEADER
HDWD	HARDWOOD
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HT	HEIGHT
HVAC	HEATING/VENTILATING/AIR CONDITIONING
HW	HOT WATER
HWT	HOT WATER TANK
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDED
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
JB	JUNCTION BOX
JF	JOINT FILLER
JT	JOINT
KIT	KITCHEN
KO	KNOCKOUT
LAM	LAMINATE, LAMINATED
LAV	LAVATORY
LBS	POUNDS
LF	LINEAR FOOT (FEET)
LH	LEFT HAND
LL	LIVE LOAD
LOC	LOCATION
LP	LOW POINT
LT	LIGHT
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MEDICINE CABINET
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTD	MOUNTED
MTL	METAL
MUL	MULLION
N	NORTH
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NR	NOISE REDUCTION
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER OVERFLOW DRAIN
OFF	OFFICE
OH	OVERHEAD
OHWM	ORDINARY HIGH WATER MARK
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
PBD	PARTICLE BOARD
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PERF	PERFORATED
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLWD	PLYWOOD
PNL	PANEL
PNT	POINT
PR	PAIR
PRCST	PRECAST
PSF	POUNDS PER CUBIC FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESERVATIVE TREATED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
R	RISER
RA	RETURN AIR
RAD	RADIUS
RD	ROOF DRAIN
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED
REM	REMAINDER
REQ	REQUIRED
RESIL	RESILIENT
REV	REVISION; REVISIONS; REVISED
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
RWL	RAIN WATER LEADER
S	SOUTH
SAF	SELF-ADHERED FLASHING
SAM	SELF-ADHERED MEMBRANE
SC	SOLID CORE
SCHED	SCHEDULE
SD	SMOKE DETECTOR
SECT	SECTION
SG	SAFETY GLASS
SHV	SHELF; SHELVING
SHR	SHOWER
SHT	SHEET
SHT MTL	SHEET METAL
	SHEATHING
SHTG	SIMILAR
SIM	SLAB ON GRADE
SOG	SPECIFICATION
SPEC	SQUARE FOOT (FEET)
SQ FT	SQUARE INCH(ES)
SQ IN	STAINLESS STEEL
SST	STANDARD
STD	STEEL
STL	STORAGE
STOR	STRUCTURAL
STRUCT	SUSPENDED
SUSP	SYMMETRICAL
SYM	TREAD
T	TONGUE AND GROOVE
T&G	TELEPHONE
TEL	TERRAZZO
TER	TEMPERED GLASS
TG	THICK
THK	TOP OF...
TO	TOP OF BEAM
TOB	TOP OF CONCRETE; CURB
TOC	TOP OF FLOOR; FOOTING; FRAME
TOF	TOP OF MASONRY
TOM	TOP OF PARAPET; PAVEMENT
TOP	TOPOGRAPHY
TOPO	TOP OF SLAB; STEEL
TOS	TOP OF WALL
TOW	TUBE STEEL
TS	THERMOSTAT
TSTAT	TYPICAL
TYP	UNLESS OTHERWISE NOTED
UNO	VINYL BASE
VB	VENEER
VEN	VERTICAL
VERT	VESTIBULE
VEST	VERTICAL GRAIN
VG	VERIFY IN FIELD
VIF	VINYLT TILE
VT	WEST
W	WITH
W/	WITHOUT
W/O	WATER CLOSET
WC	WOOD
WD	WINDOW
WDW	WELDED
WF	WIDE FLANGE
WF BM	WIDE FLANGE BEAM
WG	WIRED GLASS
WH	WATER HEATER
WL	WATER LINE
WLD	WATERPROOF
WP	WATERPROOF MEMBRANE
WPM	WATER RESISTANT
WR	WAINSCOT
WSCT	WIRE SAFETY GLASS
WSG	WATER
WTR	WELDED WIRE FABRIC
WWF	WELDED WIRE MESH
WWM	WEIGHT
WT	

SYMBOLS LEGEND

1. GRID LINE REFERENCE



2. ROOM REFERENCE



3. DOOR REFERENCE

4. WINDOW / SKYLIGHT REFERENCE

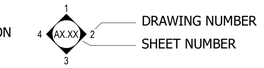
5. ELEVATION / DATUM REFERENCE

6. EXTERIOR ELEVATION

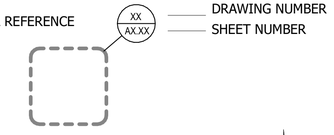
7. BUILDING SECTION

8. WALL SECTION

9. INTERIOR ELEVATION

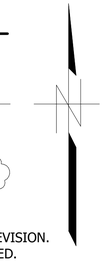


10. DETAIL REFERENCE



11. ASSEMBLY REFERENCE

12. NORTH SYMBOL



13. REVISION REFERENCE

REFERENCE CONSTRUCTION MEMO ISSUING REVISION. ONLY MOST RECENT REVISION SHOWN CLOUDED. REFERENCE FOR PREVIOUS REVISIONS REMAIN. DATE OF REVISIONS INDICATED AT RIGHT MARGINS.

ZONING / BUILDING CODE SUMMARY

PROJECT ADDRESS:
220 N WALNUT ST
BURLINGTON, WA 98233

ASSESSOR'S PARCEL NUMBER:
PARCEL #P71941

LEGAL DESCRIPTION:
DK 12: E 125 FT OF BLOCK 96, AMENDED PLAT OF BURLINGTON, SKAGIT COUNTY, WASH., AS PER PLAT RECORDED IN VOLUME 3 OF PLATS, PAGE 17, RECORDS OF SKAGIT COUNTY, WASHINGTON. LESS E 125FT

APPLICABLE CODES:
> INTERNATIONAL BUILDING CODE 2018 W/ WASHINGTON AMMENDMENTS PER CHAPTER 51-50 WAC;
> INTERNATIONAL MECHANICAL CODE, 2018 W/ WASHINGTON AMMENDMENTS PER CHAPTER 51-52 WAC;
> UNIFORM PLUMBING CODE, 2018, W/ WASHINGTON AMMENDMENTS PER CHAPTERS 51-56 AND 51-57 WAC;
> WASHINGTON STATE ENERGY CODE, 2018 AND REFERENCE STANDARD 29 PER CHAPTERS 51-11C AND 51-11R WAC.
> INTERNATIONAL EXISTING BUILDING CODE, 2018

GENERAL NOTES

1. CODES: ALL WORK SHALL CONFORM APPLICABLE LAND USE AND BUILDING CODES AS AMENDED BY AUTHORITIES HAVING JURISDICTION.
2. DO NOT SCALE DIMENSIONS FROM DRAWINGS. USE CALCULATED DIMENSIONS ONLY. NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS EXIST.
3. CONTRACTOR SHALL VERIFY ALL CONDITIONS PRIOR TO INITIATING THE WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
4. VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT. PROVIDE ALL BUCK-OUT, BLOCKING, BACKING, AND JACKS REQUIRED FOR INSTALLATIONS.
5. DIMENSIONS ARE TO EXTERIOR FACE OF CONCRETE / STEEL STUD UNLESS OTHERWISE NOTED.

PROJECT DIRECTORY

SITE ADDRESS:
220 N WALNUT ST
BURLINGTON, WA 98233

OWNER:
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220 N WALNUT ST
BURLINGTON, WA 98233

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kevin@tf-wb.com

CAD NO. R1200-35NW-2024-2

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML	8/31/23
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

GENERAL INFORMATION
G0.0

SCALE
AS SHOWN

PARKS FILE#

PROJECT DESCRIPTION

EXISTING PARKS OFFICE BUILDING TO REMAIN WITH 2,5OO SF TO RECEIVE MINOR INTERIOR TENANT IMPROVEMENTS.
EXTERIOR LIMITED PROPOSED IMPROVEMENTS INCLUDE NEW ENTRY DOOR AND MODIFIED ENTRY STAIRS.

ZONING CODE

AUTHORITY HAVING JURISDICTION:
BURLINGTON, WA

LOT SIZE:
37,800 SF

LAND USE DESIGNATION:
MR-NB (MEDIUM DENSITY RESIDENTIAL AND NEIGHBORHOOD BUSINESS)

PROJECT DESCRIPTION:
INTERIOR OFFICE REMODEL AT EXISTING BUILDING

HEIGHT:
ALLOWED: 35'-0"
PROPOSED: *EXISTING HEIGHT TO REMAIN*

YARD SETBACKS:
FRONT: 17'-0"
SIDE: 5'-0"
REAR: 10'-0"
STREET: 20'-0"
PROPOSED: *EXISTING SETBACKS TO REMAIN*

CONSTRUCTION TYPE
TYPE V-B, NON-SPRINKLERED

BUILDING CODE

REFERENCE CODES: INTERNATIONAL BUILDING CODE 2018 W/ WASHINGTON AMMENDMENTS PER CHAPTER 51-50 WAC;

CHAPTER 3, USE and OCCUPANCY CLASSIFICATION
CURRENT USE: B OFFICE TO REMAIN

CHAPTER 5, GENERAL BUILDING HEIGHTS AND AREAS
OFFICE BUILDING IS A 1 STORY, NON-SPRINKLERED, CONSTRUCTION TYPE V-B

504.3: ALLOWABLE BUILDING HEIGHT:
PER TABLE 504.3, 40' HEIGHT ALLOWED. BUILDING IS LESS THAN 40' TALL: **OK**

504.4: ALLOWABLE NUMBER OF STORIES:
PER TABLE 504.4, 3 STORIES ALLOWED FOR B, BUILDING IS TWO STORIES: **OK**

505: MEZZANINES
NO MEZZANINES PROPOSED

506: BUILDING AREA
NS VALUE PER TABLE 506.2: B: 9,000 SF
OFFICE BUILDING IS APPROX. 5,500 SF: **OK**

CHAPTER 6, TYPES OF CONSTRUCTION

FIRE RESISTANCE RATINGS OF BUILDING ELEMENTS PER TABLE 601:

PRIMARY STRUCTURAL FRAME:	0 HOURS
EXTERIOR BEARING WALLS:	0 HOURS
INTERIOR WALLS AND PARTITIONS:	0 HOURS
FLOORS:	0 HOURS
ROOF CONSTRUCTION:	0 HOURS
EXTERIOR NON-BEARING WALLS	0 HOURS (PER TABLE 6O2, FIRE SEPARATION DISTANCE 10' ≤ X < 30')

602: CONSTRUCTION CLASSIFICATION:
OFFICE BUILDING: TYPE V-B

CHAPTER 7, FIRE and SMOKE PROTECTION FEATURES

705.2 TYPE V CONSTRUCTION: NO PROJECTIONS PROPOSED. EXTERIOR WALLS SHALL BE OF MATERIALS PERMITTED BY THE BUILDING TYPE OF CONSTRUCTION.

TABLE 705.8 AREA OF EXTERIOR WALL OPENINGS
FIRE SEPARATION DISTANCE > 30' ALL SIDES, NO PROTECTED OPENINGS REQUIRED.

BUILDING CODE (CONT.)

CHAPTER 8, INTERIOR FINISHES

TABLE 803.11 INTERIOR WALL AND CEILING FINISHES
NON-SPRINKLERED, ROOMS AND ENCLOSED SPACES : **CLASS C**
(CLASS C = FLAME SPREAD INDEX 76-200, SMOKEDEVELOPED INDEX 0-450)

CHAPTER 9, FIRE PROTECTION SYSTEMS
903 AUTOMATIC SPRINKLER SYSTEMS
NOT REQUIRED FOR GROUP B

905 STANDPIPE SYSTEMS
NOT REQUIRED

906 PORTABLE FIRE EXTINGUISHER
REQUIRED FOR GROUP B. PORTABLE FIRE EXTINGUISHER TO BE INSTALLED PER NFPA 10, 75' MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER, IN A CONSPICUOUS LOCATION. 3 FIRE EXTINGUISHERS PROPOSED: ONE IN BREAK ROOM, ONE IN RECEPTION OFFICE, AND ONE IN HALLWAY.

907 FIRE ALARM AND DETECTION SYSTEMS
WA STATE IFC/IBC WITH CITY OF BURLINGTON AMENDMENTS:
907.2 FIRE ALARM AND DETECTION SYSTEMS- WHERE REQUIRED 907.2.2 GROUP B, MANUAL FIRE ALARM REQUIRED IF OCCUPANT LOAD GREATER THAN 500, OR 100 ABOVE OR BELOW LOWEST LEVEL OF EXIT DISCHARGE, OR IF THE FIRE AREA CONTAINS AN AMBULATORY CARE FACILITY. NONE OF THESE CONDITIONS APPLY, THEREFORE FIRE ALARM IS NOT REQUIRED OR PROVIDED.

WA STATE IFC WITH CITY OF BURLINGTON AMENDMENTS:
1103.2 FIRE ALARM SYSTEMS- WHERE REQUIRED IN EXISTING BUILDINGS. NO REQUIREMENTS LISTED FOR B OCCUPANCY.

WA STATE IEBC WITH CITY OF BURLINGTON AMENDMENTS:
803.4 FIRE ALARM AND DETECTION- WHERE REQUIRED IN ALTERATIONS, NO REQUIREMENTS LISTED FOR B OCCUPANCY.

CHAPTER 10, MEANS OF EGRESS
TABLE 1004.1.2 OCCUPANT LOAD
SEE OCCUPANT LOAD CHART IN SHEET 7. TOTAL OCCUPANT LOAD = 52

1005 MEANS OF EGRESS SIZING
ALL EXIT DOORS ARE MINIMUM 36" (SEE LIFE SAFETY PLAN ON SHEET 7 FOR OCCUPANT LOADS AT DOORS)

TABLE 1006.2.1 TWO EXITS REQUIRED
TWO EXITS REQUIRED PER TABLE 1006.2.1. THREE ACCESSIBLE EXITS PROVIDED - SEE LIFE SAFETY PLAN ON SHEET 7.

1007.1.1 EXIT CONFIGURATION- TWO EXITS
IN NON-SPRINKLERED BUILDING, TWO EXITS MUST BE APART BY NOT LESS THAN 1/2 THE DIAGONAL OF THE SPACE IN QUESTION. SEE LIFE SAFETY PLAN FOR CALCULATION.

1010 DOORS, GATES AND TURNSTILES
SIZE OF DOORS MINIMUM CLEAR OPENING WIDTH OF 32", MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP W/ DOOR OPEN AT 90 DEGREES. THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS SHALL NOT EXCEED 5 POUNDS (22N). DOOR THRESHOLD SHALL NOT EXCEED 1/2 INCH ABOVE FINISHED FLOOR OR LANDINGS. OPERABLE PARTS SHALL BE INSTALLED 34" AND 48" MAX. ABOVE FINISHED FLOOR.

1011 STAIRWAYS
STAIRWAYS SERVING AN OCCUPANT LOAD OF LESS THAN 50 SHALL HAVE A WIDTH OF NOT LESS THAN 36 INCHES. STAIR RISER HEIGHTS SHALL BE 7 INCHES MAXIMUM, 4 INCHES MINIMUM, AND TREAD DEPTHS SHALL BE 11 INCHES MINIMUM, BOTH SHALL BE OF UNIFORM SIZE AND SHAPE. THE WIDTH OF LANDINGS SHALL BE NOT LESS THAN THE WIDTH OF STAIRWAYS SERVED.

1012 RAMPS
RAMPS AS PART OF A MEANS OF EGRESS SHALL HAVE A RUNNING SLOPE NOTE STEEPER THAN ONE UNIT VERTICAL IN 12 UNITS HORIZONTAL WITH A CROSS SLOPE NOT STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL WITH A RISE AT 30 INCHES MAXIMUM. CLEAR WIDTH OF A RAMP BETWEEN HANDRAILS SHALL BE 36 INCHES MINIMUM. THE LANDING WIDTH SHALL BE NOT LESS THAN THE WDITH OF THE WIDEST RAMP RUN ADJOINING THE LANDING. THE LANDING LENGTH SHALL BE 60 INCHES MINIMUM. WHERE CHANGES IN DIRECTION OF TRAVEL OCCUR AT LANDING PROVIDED BETWEEN RAMP RUNS, THE LANDING SHALL BE 60 INCHES BY 60 INCHES MINIMUM. WHERE A RAMP RISES GREATER THAN 6 INCHES, IT SHALL HAVE HANDRAILS ON BOTH SIDES PER 1014. GUARDS SHALL BE PROVIDED BY 1015. EDGE PROTECTION NOT LESS THAN 4 INCHES IN HEIGHT SHALL BE REQUIRED.

BUILDING CODE (CONT.)

1014 HANDRAILS
HANDRAIL HEIGHT SHALL BE UNIFORM, NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES, CONTINUOUS, AND HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1-1/4" AND NOT GREATER THAN 2" WHERE CIRCULAR. HANDRAILS EXTEND HORIZONTALLY NOT LESS THAN 12 INCHES BEYOND THE TOP AND BOTTOM RISER.

1017 EXIT ACCESS TRAVEL DISTANCE
EXIT ACCESS TRAVEL DISTANCE 200FT MAX FOR GROUP B.

CHAPTER 11, ACCESSIBILITY
1106.6 LOCATION OF ACCESSIBLE PARKING SPACES
SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE. SEE SITE PLAN ON SHEET 7 FOR LOCATION.

TABLE 1106.1 NUMBER OF ACCESSIBLE SPACES
FOR THE PURPOSES OF COMPUTING ADA SPACES, TOTAL PARKING SPACES REQUIRED PER TABLE 1106.1 ACCESSIBLE PARKING SPACES = TOTAL PARKING SPACES PROVIDED 1-25 = 1 REQUIRED MIN. NUMBER OF ACCESSIBLE SPACES: 1 PROPOSED

CHAPTER 29, PLUMBING SYSTEMS
TABLE 2902.1 REQUIRED PLUMBING FIXTURES:
SEE LIFE SAFETY PLAN ON SHEET 7 FOR PLUMBING COUNTS.

IEBC, EXISTING BUILDING CODE

CHAPTER 5, CLASSIFICATION OF WORK
PER 504, LEVEL 2 ALTERATION- INCLUDES RECONFIGURATION OF SPACE, ADDITION OR ELIMINATION OF DOORS AND WINDOWS, RECONFIGURATION OR ADDITION OF SYSTEMS. MUST COMPY WITH IBC CHAPTER 7 FOR LEVEL 1 ALTERATIONS AND THE PROVISIONS OF CHAPTER 8.

CHAPTER 7, ALTERATION LEVEL 1

701.3 FLOOD HAZARD AREAS.
COST OF PROPOSED ALTERATION EXCEEDS 50% OF THE MARKET VALUE OF THE STRUCTURE AND THEREFORE CONSTITUTES AS A SUBSTANTIAL IMPROVEMENT.

THE PROJECT IS LOCATED IN THE A-7 FLOOD HAZARD AREA WITH BASE FLOOD ELEVATION OF 30.6' NGVD 29. THE EXISTING BUILDING'S GROUND FLOOR IS AT 34.1'. PER STRUCTURAL, A TOTAL OF 10 SQ. FT. IS REQUIRED AT THE EAST CRAWLSPACE, AND A TOTAL OF 1.6 SQ. FT. IS REQUIRED AT THE SOUTHWEST CRAWLSPACE. BOTH LOCATIONS REQUIRE A MINIMUM OF (2) OPENINGS AT A MINIMUM OF (2) WALLS, WHERE THE BOTTOM OF EACH OPENING IS MORE THAN 1 FT ABOVE GRADE.

SEE 3.1 FOR ELEVATION CERTIFICATE AND SHEETS 10 AND 11 FOR EXTERIOR ELEVATIONS WITH FLOOD VENT LOCATIONS IN EXISTING BUILDING CRAWLSPACES. SEE STRUCTURAL DRAWINGS AND CALCULATIONS FOR FLOOD HAZARD COMPLIANCE.

CHAPTER 8, ALTERATION LEVEL 2

807 STRUCTURAL

807.4 GRAVITY LOADS
NO REDUCTION ALLOWED IN CAPACITY OF GRAVITY LOAD CARRYING SYSTEMS (EXCEPTION ALLOWS 5%)
NO REDUCTIONS PROPOSED.

807.5 EXISTING LATERAL ELEMENTS
WHERE THE ALTERATION DECREASES LATERAL CAPACITY OF ANY ELEMENT, THE STRUCTURE MUST BE SHOWN TO MEET WIND AND SEISMIC PROVISIONS OF IBC, (REDUCED PER 301.4.2). REFER TO STRUCTURAL CALCULATIONS.

808 ELECTRICAL, 809 MECHANICAL

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS

ENERGY CODE

REFERENCE CODE:
WASHINGTON STATE ENERGY CODE

PER CHAPTER 5, EXISTING BUILDINGS

C503 ALTERATIONS
PER C503.1 EXCEPTION 3, EXISTING WALL CAVITIES (2x4) OPENED DURING CONSTRUCTION WILL BE RE-INSULATED TO FULL DEPTH, MIN. R-3.0 PER INCH

WHERE ACT CEILING/BATTS ARE REMOVED AT WEST PORTION OF BUILDING, NEW INSULATION IS PROPOSED AT ATTIC CRAWL SPACE

C503.3 BUILDING ENVELOPE
NEW BUILDING ENVELOPE MUST COMPLY WITH C402.1 THROUGH C402.5.

C503.3.2 VERTICAL FENESTRATION
IF LESS THAN C402.4.1 VALUES, THEN COMPLY WITH C402.4
402.4.1: VERTICAL FENESTRATION SHALL NOT EXCEED 30% OF THE GROSS ABOVE GRADE WALL AREA. FENESTRATION IS LESS THAN 30% OF WALL AREA.

TABLE C402.1.3 OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MIN. REQUIREMENTS, R-VALUE

ATTIC AND OTHER	R-49
WOOD FRAMED	R-21 INT OR R-15 + R-5CI STD
FLOORS JOIST FRAMING	R-30

TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM, U-FACTOR AND SHGC REQUIREMENTS

FIXED FENESTRATION	0.38
OPERABLE FENESTRATION	0.40
ENTRANCE DOORS	0.60

SHGC
PF < 0.2 (NO OVERHANGS) SEW = 0.38, N=0.51

C402.4.1 MAXIMUM AREA
(SOUTH ELEVATION) 12% GLAZING PROPOSED

CAD NO. R1200-35NW-2024-3

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

PROJECT DESCRIPTION AND CODE REVIEW
G0.1

SCALE
AS SHOWN

PARKS FILE#

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB No. 1660-0008
Expiration Date: November 30, 2022

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A – PROPERTY INFORMATION			FOR INSURANCE COMPANY USE
A1. Building Owner's Name Washington State Parks and Recreation Commission			Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 220 N. Walnut Street			Company NAIC Number:
City Burlington	State Washington	ZIP Code 98233-1138	

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Parcel #P71941 - E 125' of BLOCK 96, AM. PLAT OF BURLINGTON, SKAGIT COUNTY, WASH. VOL. 3, PG 17

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Non-Residential

A5. Latitude/Longitude: Lat. 48.4766839° Long. -122.3317516° Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 8

A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) 5535.40 sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A8.b 0.00 sq in
d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:
a) Square footage of attached garage N/A sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A
c) Total net area of flood openings in A9.b N/A sq in
d) Engineered flood openings? ☐ Yes ☐ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
City of Burlington	Skagit County	Washington

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
530153 0001	B	01-03-1985	01-03-1985	A7	30.70

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: ☐ CBRS ☐ OPA

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 220 N. Walnut Street			Policy Number:
City Burlington	State Washington	ZIP Code 98233-1138	Company NAIC Number

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.
Benchmark Utilized: BURLINGTON MON #608 Vertical Datum: NGVD 29: ELEV = 31.45
Indicate elevation datum used for the elevations in items a) through h) below.
☒ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source:
Datum used for building elevations must be the same as that used for the BFE.

	Check the measurement used.
a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 29.3	☒ feet ☐ meters
b) Top of the next higher floor 34.1	☒ feet ☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	☐ feet ☐ meters
d) Attached garage (top of slab)	☐ feet ☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 31.1	☒ feet ☐ meters
f) Lowest adjacent (finished) grade next to building (LAG) 30.5	☒ feet ☐ meters
g) Highest adjacent (finished) grade next to building (HAG) 32.5	☒ feet ☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 30.8	☒ feet ☐ meters

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No ☐ Check here if attachments.

Certifier's Name Raymond D. Peterson	License Number 49287	
Title Survey Manager		
Company Name Land Development Engineering & Surveying		
Address 5160 Industrial Place, Suite 108		
City Ferndale	State Washington	ZIP Code 98247
Signature	Date 01-09-2023	Telephone (360) 383-0620 Ext.

RAYMOND D. PETERSON STATE OF WASHINGTON 49287 REGISTERED PROFESSIONAL LAND SURVEYOR

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)
Lat-Long derived from Google Earth Pro
Monument and Bench Mark Information provided by City Of Burlington.
C2-E: Bottom of Heat Pump at Northwest corner of building. See photo below.

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 220 N. Walnut Street			Policy Number:
City Burlington	State Washington	ZIP Code 98233-1138	Company NAIC Number

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B,and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
a) Top of bottom floor (including basement, crawlspace, or enclosure) is ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name

Address	City	State	ZIP Code
Signature	Date	Telephone	

Comments

☐ Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2022

ELEVATION CERTIFICATE

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 220 N. Walnut Street			Policy Number:
City Burlington	State Washington	ZIP Code 98233-1138	Company NAIC Number

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: ☐ feet ☐ meters Datum

G9. BFE or (in Zone AO) depth of flooding at the building site: ☐ feet ☐ meters Datum

G10. Community's design flood elevation: ☐ feet ☐ meters Datum

Local Official's Name	Title
Community Name	Telephone
Signature	Date

Comments (including type of equipment and location, per C2(e), if applicable)

☐ Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2022

ELEVATION CERTIFICATE

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 220 N. Walnut Street			Policy Number:
City Burlington	State Washington	ZIP Code 98233-1138	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

Photo One

Photo One Caption East Side - Looking Southwest — Clear Photo One

Photo Two

Photo Two Caption North Side - Looking South — Clear Photo Two

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008
Expiration Date: November 30, 2022

ELEVATION CERTIFICATE

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 220 N. Walnut Street			Policy Number:
City Burlington	State Washington	ZIP Code 98233-1138	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Photo Three

Photo Three Caption South Side - Looking Northwest — Clear Photo Three

Photo Four

Photo Four Caption West Side - Looking East - C2-E Mechanical — Clear Photo Four

SHEET 4 OF 44

CAD NO. R1200-35NW-2024-4

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML	8/31/23
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT 6290 STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

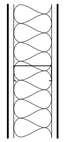
CODE REVIEW
G0.2

SCALE
AS SHOWN

PARKS FILE#

PARTITIONS ASSEMBLIES

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



P1, P2

P1 TYPICAL PARTITION WALL

09 2900	5/8" GWB
06 1000	3 1/2" METAL STUD FRAMING
07 2100	ACOUSTICAL BATT
09 2900	5/8" GWB

P2 TYPICAL PLUMBING WALL

09 2900	5/8" WRGWB
06 1000	6" METAL STUD FRAMING
07 2100	ACOUSTICAL BATT
09 2900	5/8" WRGWB

P2-8 *SAME AS ABOVE, BUT WITH 8" METAL STUD FRAMING*

P3

P3 TYPICAL FURRING WALL

09 2900	5/8" GWB
06 1000	3 1/2" METAL STUD FRAMING
07 2100	ACOUSTICAL BATT

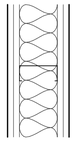
NOTE: REPLACE GWB WITH WRWRG AT W/C

P3-6 *SAME AS ABOVE, BUT WITH 6" METAL STUD FRAMING*

P4

P4 TYPICAL FLAT FURRING WALL

09 2900	5/8" GWB
06 1000	FLAT 2x4 WOOD STUD FRAMING
07 2100	ACOUSTICAL BATT



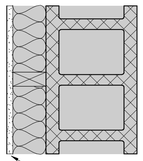
P5

P5 CONFERENCE ROOM WALL

09 2900	5/8" GWB (2 LAYERS) EXTENDING TO TRUCTURE
06 1000	3 1/2" METAL STUD FRAMING
07 2100	ACOUSTICAL BATT
09 2900	5/8" GWB (2 LAYERS) EXTENDING TO STRUCTURE

P5-6 *SAME AS ABOVE, BUT WITH 6" METAL STUD FRAMING*

INT.



EXT.

P6

NOTE: SHEETROCK AND INSULATION TO MATCH (E) FURRING BELOW

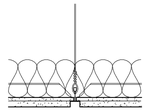
P6 EXISTING CMU WALL

LOCATION: ADD WHERE OLD GWB ENDS AND ADD NEW SHEET ROCK AND FURRING ABOVE 8'-0"

09 2900	NEW GWB OVER (E) FRAMING
07 2116	STONE FIBER BATT TO REPLACE (E) BATT INSULATION
04 2200	(E) CMU

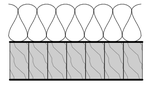
CEILING ASSEMBLIES

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



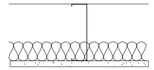
C1 TYP. ACOUSTIC CEILING TILE

07 2100	R-49 ECO-BATT INSULATION
09 5100	SUSPENDED ACT SYSTEM
09 5100	1" ACOUSTIC CEILING TILE W/ 9/16" TEGULAR GRID SYSTEM



C2 TYP. CROSS LAMINATED CEILING

07 2100	R-49 STONE FIBER BATT INSULATION
	(E) CROSS LAMINATED DECKING



C3 TYP. GWB CEILING (RESTROOMS)

07 2100	ACOUSTICAL BATT
05 4000	JOISTS PER STRUCTURAL
09 2900	5/8" WRGWB CEILING

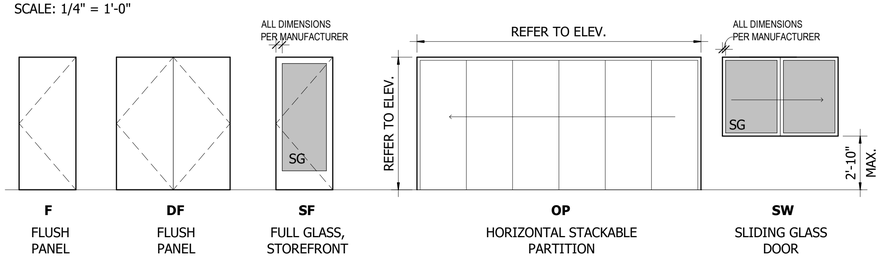
NOTE: R-49 AT EXISTING CROSS LAMINATED DECKING ABOVE <C3> - SEE BUILDING SECTIONS

DOOR SCHEDULE

DOOR TAG	ROOM NAME	OPERATION	DOOR TYPE			DIMENSIONS			GLAZING	SAFETY	REMARKS
			TYPE	FRAME	HARDWARE	HEIGHT	THICKNESS	WIDTH	U-VALUE	GLASS	
001.1	LOBBY	SWING	SF	ALUM	1	8' - 0"	0' - 1 3/4"	3' - 0"	0.77	Y	
001.2	LOBBY	SWING	F	WD	4	8' - 0"	0' - 1 3/4"	3' - 0"			ELECTRONIC KEYCARD ACCESS
002.1	RECEPTION	SWING	F	WD	4	8' - 0"	0' - 1 3/4"	3' - 0"			ELECTRONIC KEYCARD ACCESS
002.2	RECEPTION	SLIDING	SW	PER MANUFACTURER	-	5' - 3 1/2"	0' - 4 3/4"	7' - 0"		Y	KEY LOCK ASSEMBLY, SELF LATCHING HANDLE
014.1	CONFERENCE	SWING	F	WD	4	8' - 0"	0' - 1 3/4"	3' - 0"			ELECTRONIC KEYCARD ACCESS
014.2	CONFERENCE	SWING	F	WD	4	8' - 0"	0' - 1 3/4"	3' - 0"			
014.3	CONFERENCE	SLIDE FOLD STACK	OP	PER MANUFACTURER	-	8' - 2"		14' - 0"			
014A.1	STORAGE	DOUBLE SWING	DF	WD	5	8' - 0"	0' - 1 3/4"	6' - 0"			
014B.1	IT/STORAGE	DOUBLE SWING	DF	WD	5	8' - 0"	0' - 1 3/4"	6' - 0"			
015.1	STORAGE	SWING	F	WD	5	8' - 0"	0' - 1 3/4"	3' - 0"			
017.1	WC	SWING	F	WD	2	8' - 0"	0' - 1 3/4"	3' - 0"			
017.2	WC	SWING	F	WD	5	7' - 0"	0' - 1 3/4"	2' - 8"			
018.1	WC	SWING	F	WD	2	8' - 0"	0' - 1 3/4"	3' - 0"			

DOOR TYPES

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



F FLUSH PANEL

DF FLUSH PANEL

SF FULL GLASS, STOREFRONT

OP HORIZONTAL STACKABLE PARTITION

SW SLIDING GLASS DOOR

DOOR NOTES

1. CONTRACTOR TO FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO ORDERING DOORS
2. GLAZING IN ALL DOORS TO BE SAFETY GLASS
3. FENESTRATION PRODUCTS SHALL BE LABELED WITH RATED U-FACTOR, SHGC, VT AND LEAKAGE RATING PER WA ENERGY CODE SECTION C303.1.3
4. REFER TO DOOR HARDWARE SCHEDULE IN PROJECT MANUAL FOR ADDITIONAL HARDWARE
5. NEW DOOR AND FRAME IN EXISTING OPENING

DOOR LEGEND

SG SAFETY GLASS **ALUM** ALUMINUM STOREFRONT
WD WOOD

CAD NO. R1200-35NW-2024-5

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT 6290 STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS NW REGION

HQ REMODEL

ASSEMBLIES AND DOORS G1.0

SCALE AS SHOWN

PARKS FILE#

FLOORS

KEY	TYPE	COLOR / FINISH / COMMENTS
MAR-1	MARMOLEUM	FORBO MARMOLEUM MARBLED 3139 LAVA
CPT-1	CARPET TILE - ENTRY WALK-OFF	MILLIKEN CARPET TILE. OBEX, QUADRUS, ALTITUDE BRUSH, 50CM X 50CM, MONOLITHIC
CPT-2	CARPET TILE	MOHAWK GROUP NEW BASICS III 26 - BC399

WALLS

KEY	TYPE	COLOR / FINISH / COMMENTS
CMU	CONCRETE MASONRY UNIT	
GWB	GYPSUM WALLBOARD	
WRGWB	WATER RESISTANT GYPSUM WALLBOARD	
PT-1	EGGSHELL FINISH INTERIOR PAINT - WHITE	BENJAMIN MOORE OC-22 CALM WHITE
PT-2	EGGSHELL FINISH INTERIOR PAINT - ACCENT	COLOR TBD
PT-3	SEMI-GLOSS INTERIOR PAINT	BENJAMIN MOORE OC-22 CALM WHITE
TL-1	CERAMIC TILE	4"x4" DALTILE COLOR WHEEL WALL CLASSIC - WHITE COLOR
TL-1 BASE	CERMAMIC TILE BASE	COVE BASE AND TRIM. DALTILE COLOR WHEEL WALL CLASSIC - WHITE COLOR

FLOOR BASE

KEY	TYPE	COLOR / FINISH / COMMENTS
RB-1	RUBBER BASE	ROPPE 4" PINNACLE RUBBER BASE, 193 BLACK BROWN

CASEWORK

KEY	TYPE	COLOR / FINISH / COMMENTS
COUNTER-1	COUNTER	PLASTIC LAMINATE, EXPOSED MARINE EDGE PLYWOOD
WD-1	WD CASEWORK	ROSEBURG MEDITE MDF, CLEAR SEALER
WD-2	CASEWORK PLYWOOD	MARINE GRADE APPLE PLY WITH EXPOSED EDGE, CLEAR STAIN SEALER

CEILING

KEY	TYPE	COLOR / FINISH / COMMENTS
ACT-1	ACOUSTIC CEILING PANELS	ARMSRONG LYRA PB TILES, TEGULAR 2'x2' GRID W/ 9/16" SUSPENSION SYSTEM (NRC RATING = 0.9 MIN)
AP-1	ACOUSTIC CEILING BAFFLE	F-SORB 1" THICK ACOUSTIC PANELS (NRC RATING = 0.9 MIN)
PT-4	FLAT FINISH INTERIOR PAINT	BENJAMIN MOORE OC-22 CALM WHITE

MISC

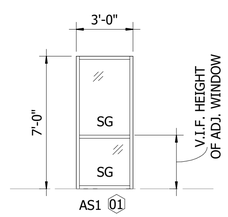
KEY	TYPE	COLOR / FINISH / COMMENTS
PT-5	INTERIOR METAL PAINT AT (E) COLUMNS	DARK BRONZE

FINISH SCHEDULE

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH
				NORTH	EAST	SOUTH	WEST	
001	LOBBY	CPT-1/CP-2	RB	CMU/PT-1	PT-1	PT-1	CMU/PT-1	OPEN TO EXISTING DECK
002	RECEPTION	CPT-2	RB	CMU/PT-1	CMU/PT-1	PT-1	PT-1	ACT-1
013	COPY	MAR-1	RB	PT-1	CMU/PT-1	PT-1	PT-1	ACT-1
014	CONFERENCE	CPT-2	RB	PT-1	CMU/PT-1	CMU/PT-1	PT-1	ACT-1
014A	STORAGE	MAR-1	RB	PT-1	PT-1	CMU/PT-1	PT-1	OPEN TO EXISTING DECK
014B	IT/STORAGE	MAR-1	RB	PT-1	PT-1	CMU/PT-1	PT-1	OPEN TO EXISTING DECK
015	STORAGE	MAR-1	RB	CMU/PT-1	CMU/PT-1	PT-1	PT-1	OPEN TO EXISTING DECK
016	OPEN OFFICE / TRAINING	MAR-1	RB	CMU/PT-1	PT-1	CMU/PT-1	PT-1	OPEN TO EXISTING DECK, AP-1
017	WC	MAR-1	TL-1 BASE	CMU/PT-3/TL-1	CMU/PT-3/TL-1	PT3/TL-1	PT-3	PT-4
018	WC	MAR-1	TL-1 BASE	PT-3/TL-1	CMU/PT-3	PT-3	PT-3	PT-4

EXTERIOR WINDOW SCHEDULE

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



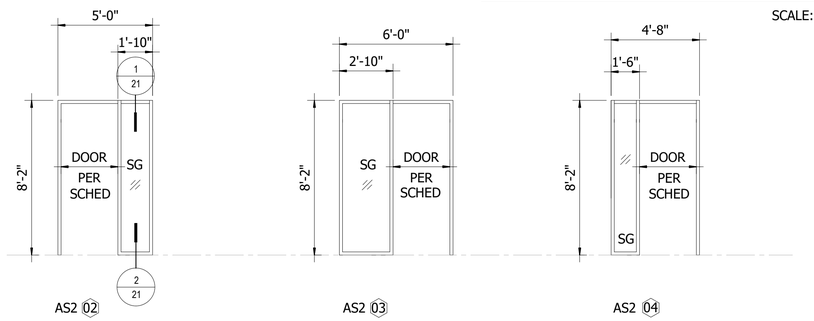
AS1 01

EXTERIOR STOREFRONT
FENESTRATION AREA: 21 SF

FIXED WINDOW - GLASS TYPE: GL1
U-VALUE: 0.345 - SHGC: 0.245 - VLT: 0.561

INTERIOR WINDOW SCHEDULE

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



AS2 02

@ OPEN OFFICE 016

FENESTRATION AREA: 13 SF
FIXED WINDOW - GLASS TYPE: GL2

AS2 03

@ RECEPTION ROOM 002

FENESTRATION AREA: 24 SF
FIXED WINDOW - GLASS TYPE: GL2

AS2 04

@ CONFERENCE ROOM 014

FENESTRATION AREA: 9 SF
FIXED WINDOW - GLASS TYPE: GL2

GENERAL WINDOW NOTES:
1. REFER TO FLOOR PLANS, EXTERIOR AND INTERIOR ELEVATIONS FOR WINDOW INFORMATION
2. CONTRACTOR TO FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO ORDERING WINDOW UNITS
3. ALL EXTERIOR WINDOW & DOOR SYSTEMS TO BE THERMALLY-BROKEN ALUMINUM SYSTEM
4. PROVIDE INSECT SCREENS AT ALL OPERABLE WINDOW UNITS
5. REFER TO PROJECT MANUAL DOOR HARDWARE SCHEDULE FOR HARDWARE INFORMATION
6. FENESTRATION PRODUCTS SHALL BE LABELED WITH RATED U-FACTOR, SHGC, VT AND LEAKAGE RATING PER WA ENERGY CODE SECTION C303.1.3
7. FENESTRATION DIMENSIONS SHOWN ON FENESTRATION SCHEDULES ARE AS FOLLOWS:
   - EXTERIOR WINDOW UNITS ARE TO ROUGH OPENING, U.N.O.

WINDOW LEGEND:
AS1: KAWNEER STOREFRONT SYSTEM (EXTERIOR) - TRIFAB 451T SERIES
KAWNEER OPERABLE AWNING (EXTERIOR): GLASSVENT UT
AS2: KAWNEER STOREFRONT SYSTEM (INTERIOR) - TRIFAB 451 SERIES

GLASS TYPE LEGEND
GL1: 1" CLEAR INSULATED GLASS: 1/4" VITRO/PPG LOW E SOLARBAN 70, ARGON-FILLED, 1/4" CLEAR GLASS
GL2: 1/4" CLEAR GLASS, INTERIOR
SG: SAFETY GLASS (GLAZING ADJACENT TO DOOR TO BE SAFETY GLASS)

CAD NO. R1200-35NW-2024-6

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

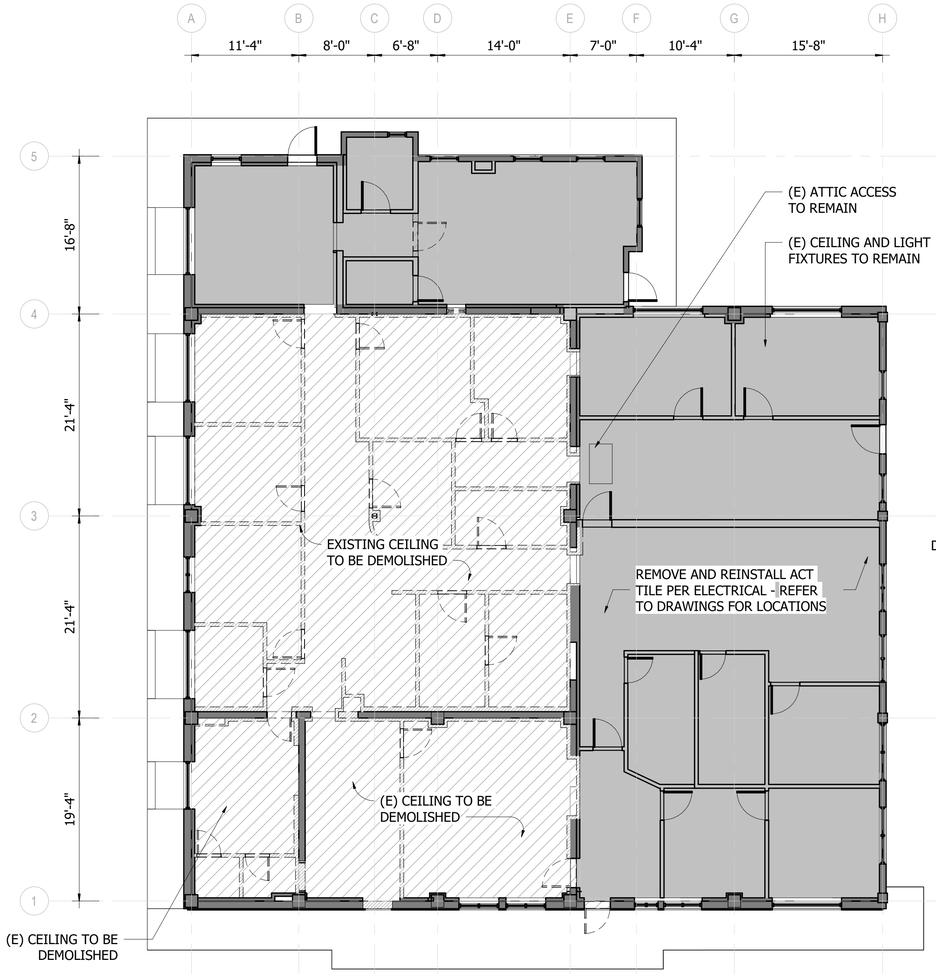
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

WINDOW AND FINISH SCHEDULE
G1.2

SCALE
AS SHOWN

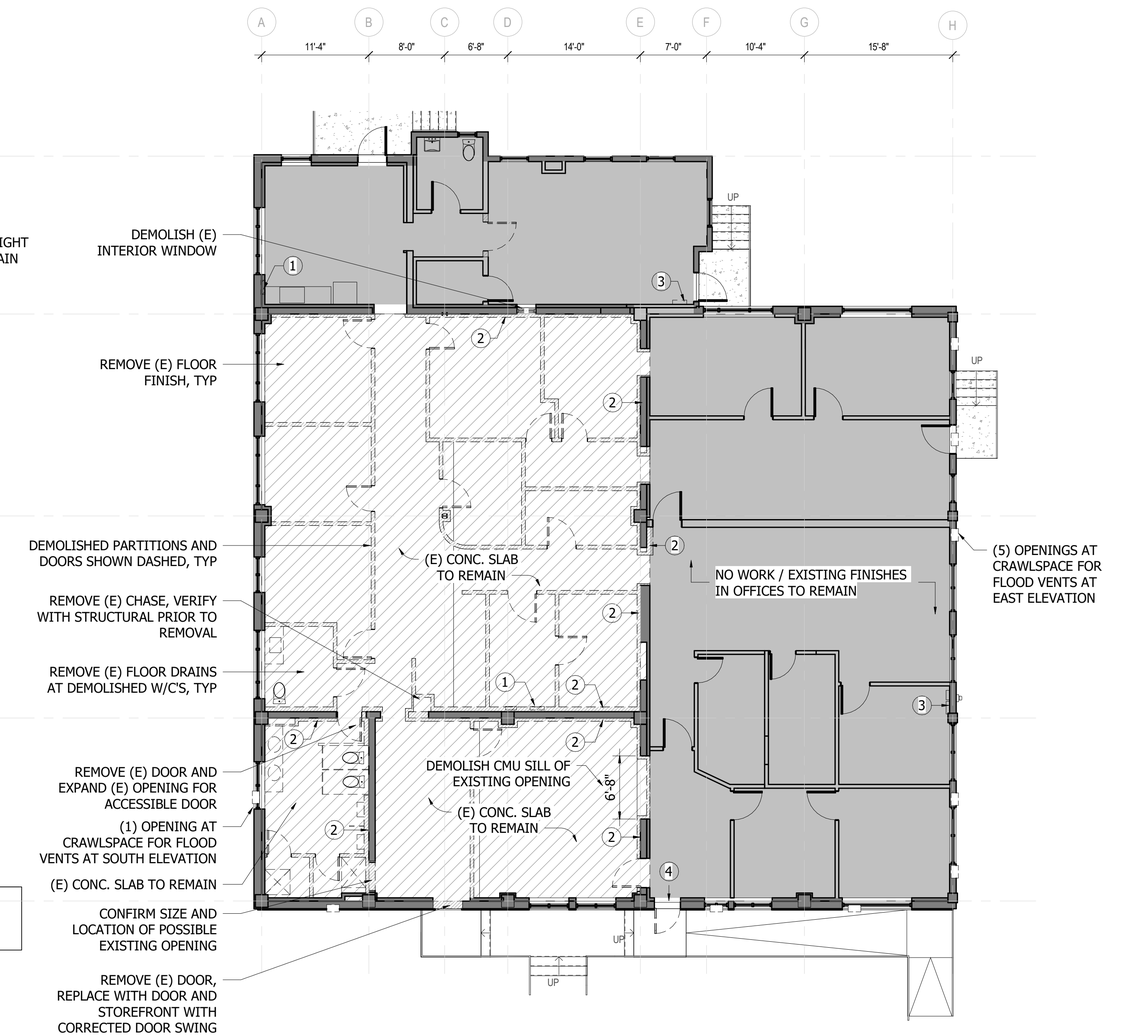
PARKS FILE#



2 DEMO REFLECTED CEILING PLAN

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

1' 5'
0 2'



1 MAIN LEVEL DEMO PLAN

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

1' 5'
0 2'

DEMOLITION PLAN LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- NOT IN CONTRACT

GENERAL NOTES

1. RECONFINGURE EXISTING HEAT PUMP SYSTEM PER MECHANICAL NARRATIVE
2. DEMOLISH FLOOR FINISHES SHOWN HATCHED
3. SEE MECHANICAL FOR SYSTEMS TO REMAIN/REVISE

PLAN NOTES

(1) DEMOLISH EXISTING ELECTRICAL PANEL PER ELECTRICAL
(2) DEMOLISH FURRING WALLS TO EXPOSE CMU
(3) EXISTING ELECTRICAL PANEL TO REMAIN
(4) REPLACE EXISTING DOOR WITH NEW WINDOW

CAD NO. IR1200-35NW-2023-04

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

MAIN LEVEL DEMO PLAN
D1.0

SCALE
AS SHOWN

PARKS FILE#

OCCUPANT LOAD

ROOM NUMBER	ROOM NAME	AREA	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
001	LOBBY	203.62 SF	BUSINESS AREAS - 150 GROSS	2
002	RECEPTION	311.52 SF	BUSINESS AREAS - 150 GROSS	2
003 (E)	OFFICE 11	63.29 SF	BUSINESS AREAS - 150 GROSS	2
004 (E)	OFFICE 10	122.61 SF	BUSINESS AREAS - 150 GROSS	1
005 (E)	OFFICE 09	135.36 SF	BUSINESS AREAS - 150 GROSS	2
005A (E)	OFFICE 05	86.84 SF	BUSINESS AREAS - 150 GROSS	1
005B (E)	OFFICE 04	104.62 SF	BUSINESS AREAS - 150 GROSS	1
006 (E)	OFFICE 06	121.61 SF	BUSINESS AREAS - 150 GROSS	1
007 (E)	OFFICE 07	96.69 SF	BUSINESS AREAS - 150 GROSS	1
008 (E)	OFFICE 08	93.98 SF	MECH. EQUIPMENT GROUP - 300 GROSS	1
009 (E)	INFORMAL MEETING ROOM	307.57 SF	BUSINESS AREAS - 150 GROSS	N/A
010 (E)	OFFICE 03	336.23 SF	BUSINESS AREAS - 150 GROSS	1
011 (E)	OFFICE 02	158.24 SF	BUSINESS AREAS - 150 GROSS	2
012 (E)	OFFICE 01	166.55 SF	BUSINESS AREAS - 150 GROSS	2
013	COPY	279.07 SF	BUSINESS AREAS - 150 GROSS	2
014	CONFERENCE	324.66 SF	UNCONCENTRATED ASSEMBLY - 15 NET	18
014A	STORAGE	28.78 SF	ACCESSORY STOR. AREAS - 300 GROSS	1
014B	IT/STORAGE	30.75 SF	MECH. EQUIPMENT GROUP - 300 GROSS	1
015	STORAGE	82.02 SF	ACCESSORY STOR. AREAS - 300 GROSS	1
016	OPEN OFFICE / TRAINING	863.91 SF	BUSINESS AREAS - 150 GROSS	8
017	WC	118.16 SF	N/A	N/A
018	WC	74.66 SF	N/A	N/A
019	BREAK ROOM	221.43 SF	N/A	N/A
020	STOR	32.46 SF	ACCESSORY STOR. AREAS - 300 GROSS	1
021	W/C	53.52 SF	N/A	N/A
022	WELLNESS ROOM	36.79 SF	BUSINESS AREAS - 150 GROSS	1
023	OPEN OFFICE	333.15 SF	BUSINESS AREAS - 150 GROSS	3
Grand total		4788.09 SF		

TOTAL OCCUPANT LOAD = 55

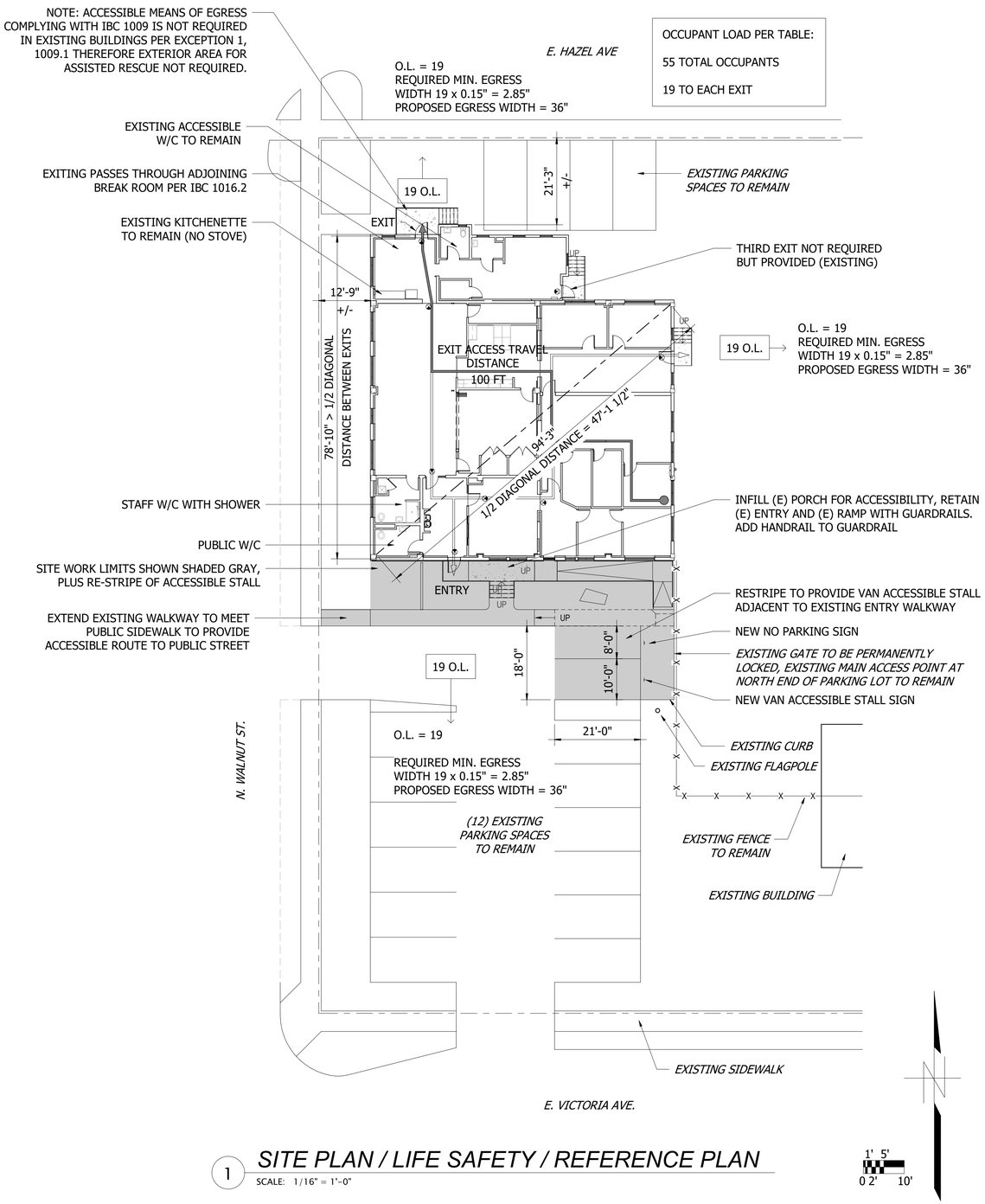
NOTES
* PER 303.1.2 ASSEMBLY SPACE LESS THAN 750 SF AND IS CLASSIFIED AS B (OFFICE)

PLUMBING CALCULATIONS

IBC/WAC CHAPTER 29

	WATER CLOSETS	LAVATORIES	DRINKING FOUNTAINS
BUSINESS PROPOSED: 52	**1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50**	**1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80**	**IF OL > 30 1 PER 150**
	2 + 1 = 3 WATER CLOSETS 3 PROPOSED = OK	2 + 0 = 2 LAVATORIES 3 PROPOSED = OK	PER WAC 51-50-1110.5.1 2 PROPOSED (1 ADA) = OK

PER WAC 51-50-1110.5.1: NO FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. ONE DRINKING FOUNTAIN SHALL COMPLY WITH THE REQUIREMENTS FOR PEOPLE WHO USE A WHEELCHAIR AND ONE DRINKING FOUNTAIN SHALL COMPLY WITH THE REQUIREMENTS FOR STANDING PERSONS.



1 SITE PLAN / LIFE SAFETY / REFERENCE PLAN
SCALE: 1/16" = 1'-0"

CAD NO. R1200-35NW-2023-05

	DATE
	APP.
	INT.
	REVISIONS
	NO.

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT 6290 STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

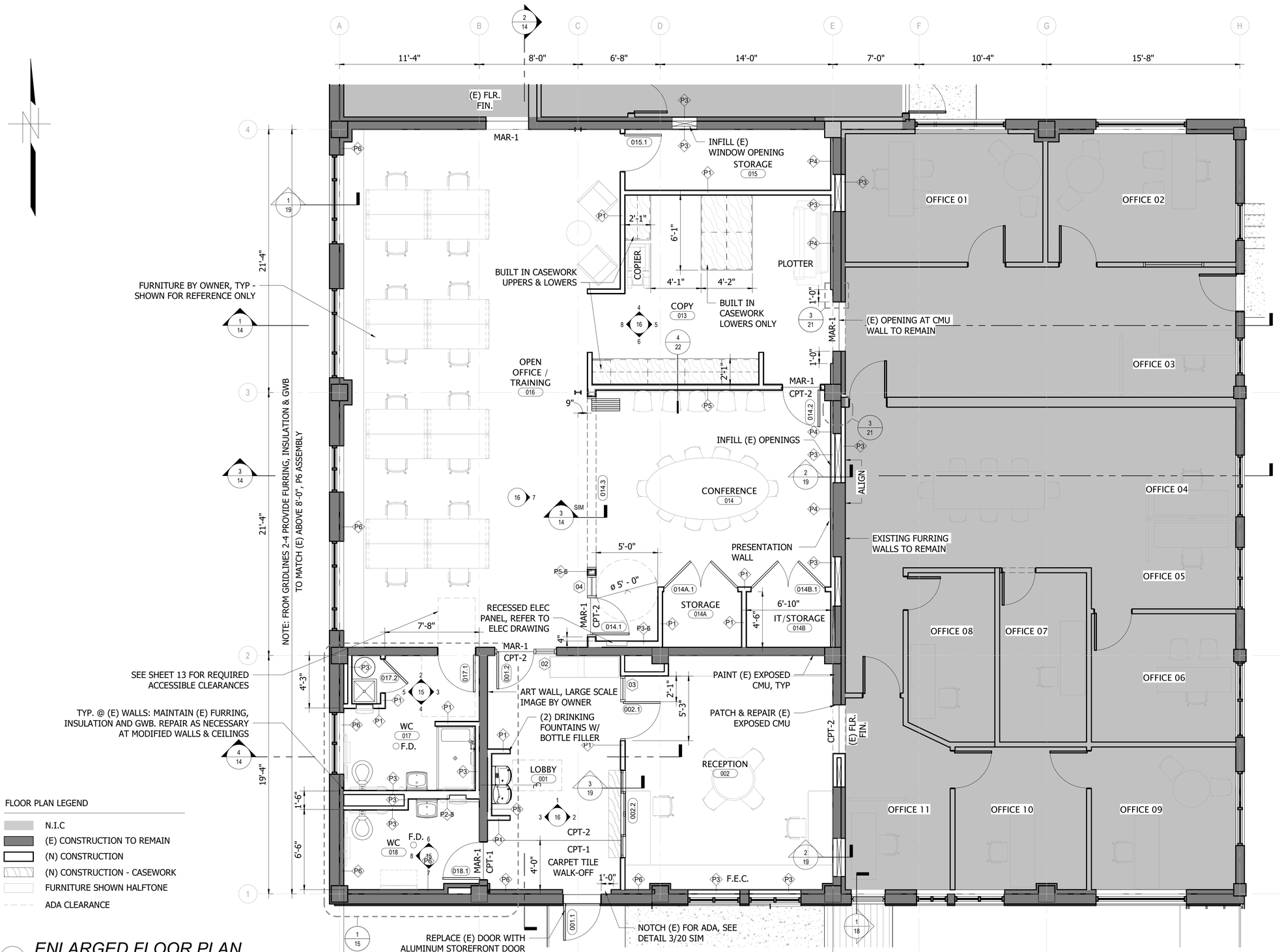
WASHINGTON STATE PARKS NW REGION

HQ REMODEL

SITE, LIFE SAFETY & REFERENCE PLAN A1.1

SCALE
AS SHOWN

PARKS FILE#



FLOOR PLAN LEGEND

- N.I.C
- (E) CONSTRUCTION TO REMAIN
- (N) CONSTRUCTION
- (N) CONSTRUCTION - CASEWORK
- FURNITURE SHOWN HALFTONE
- ADA CLEARANCE

1 *ENLARGED FLOOR PLAN*

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

0 2' 1' 3'

CAD NO. R1200-35NW-2024-9

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT 6290 STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

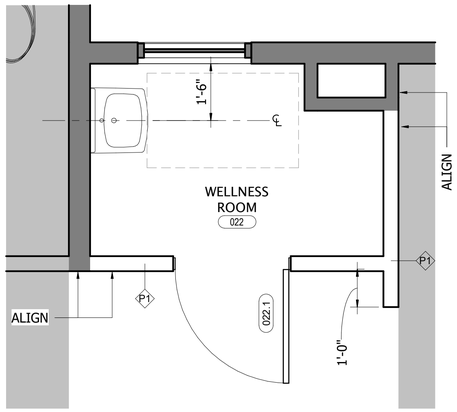
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

ENLARGED FLOOR PLAN
A2.1

SCALE
AS SHOWN

PARKS FILE#



2 022 WELLNESS ROOM

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

FINISH SCHEDULE - WELLNESS ROOM

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH
				NORTH	EAST	SOUTH	WEST	
022	WELLNESS ROOM	CPT-2	RB	PT-1	PT-1	PT-1	PT-1	ACT-1

DOOR SCHEDULE - WELLNESS ROOM

DOOR TAG	ROOM NAME	OPERATION	DOOR TYPE			DIMENSIONS			REMARKS
			TYPE	FRAME	HARDWARE	HEIGHT	THICKNESS	WIDTH	
022.1	WELLNESS ROOM	SWING	F	WD	2	8' - 0"	0' - 1 3/4"	3' - 0"	ADD ALTERNATE

NOTE: REFER TO BASE SCOPE FOR WEST PORTION BUILDING

ADD ALTERNATE ITEMS

1. *WELLNESS ROOM*: PROVIDE WELLNESS ROOM AS INDICATED ON FLOOR PLAN USING SAME PARTITIONS, DOORS AND SINK AS IN BASE SCOPE.
2. *REPLACE CARPET IN EAST PART OF BUILDING*: DEMOLISH EXISTING CARPET AND REPLACE WITH NEW CARPET IN EASTERN PORTION AS SHOWN ABOVE.
   PRODUCT: INTERFACE WW860 BROWN TWEED ASHLAR PATTERN WITH TICTAC ADHESIVE SYSTEM.
3. *ADD KEYCARD ACCESS AT (3) EXISTING DOORS*: PROVIDE KEYCARD ACCESS SYSTEM AND NEW HARDWARE AT (3) EXISTING DOORS AT LOCATIONS SHOWN ABOVE AND CONNECT TO MAIN SECURITY SYSTEM. EXPOSED WIRING AT DOOR FRAME INTERIOR AT ADJACENT WALL IS ACCEPTABLE.
   DOOR 019.1 TO BE REPLACED WITH A NEW STOREFRONT DOOR.

1 MAIN LEVEL DEMO PLAN - ADD ALTERNATE

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

CAD NO. R1200-35NW-2024-10

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	
DRAWN	GM	
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
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STATE OF WASHINGTON

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

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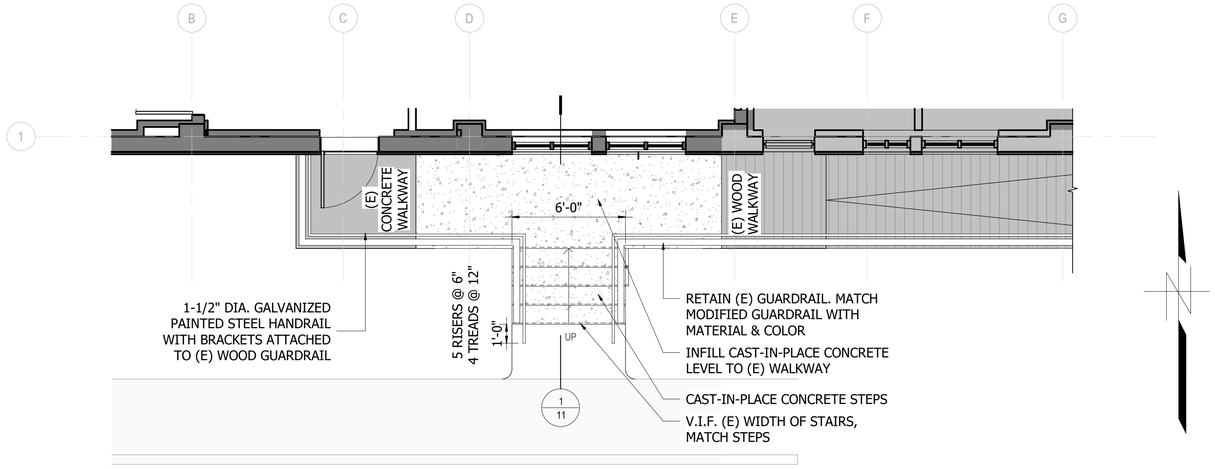
ADD ALTERNATE
A2.2

SCALE
AS SHOWN

PARKS FILE#



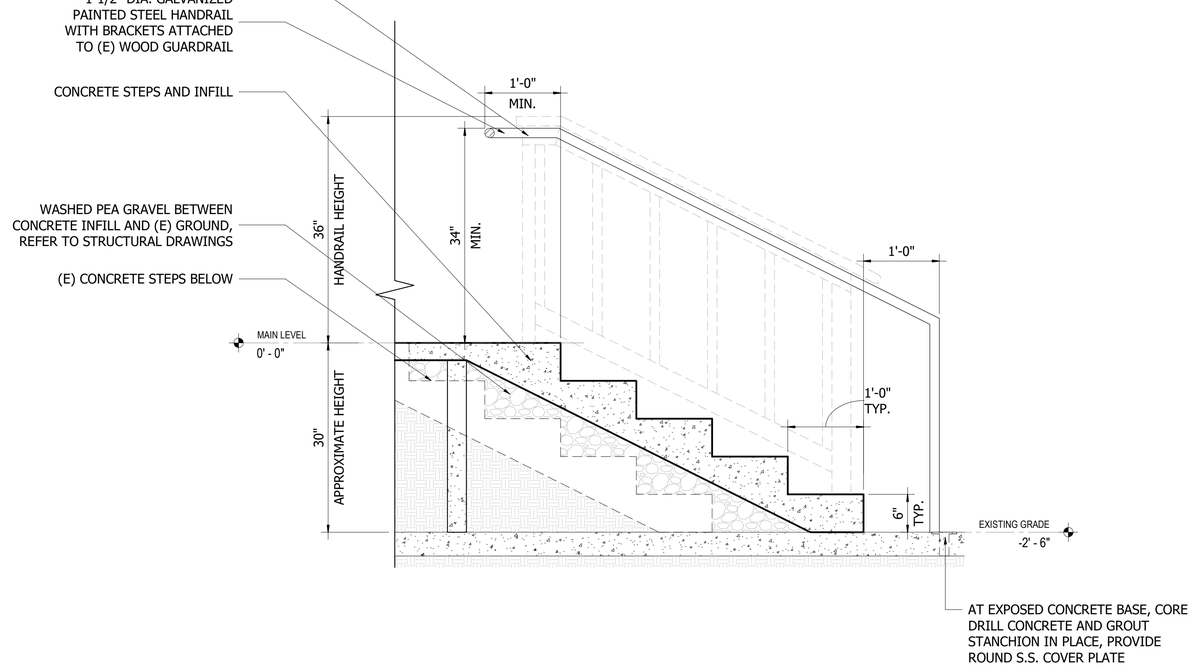
2 MAIN FLOOR PLAN - ENTRY RAMP

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

1' 3'
0 2'

FLOOR PLAN LEGEND

- N.I.C
- (E) CONSTRUCTION TO REMAIN
- (N) CONSTRUCTION
- (N) CONSTRUCTION - CASEWORK
- FURNITURE SHOWN HALFTONE
- ADA CLEARANCE



1 SECTION THROUGH EXTERIOR ENTRY STAIRS

SCALE: 1" = 1'-0"

CAD NO. R1200-35NW-2024-11

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	8/31/23
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

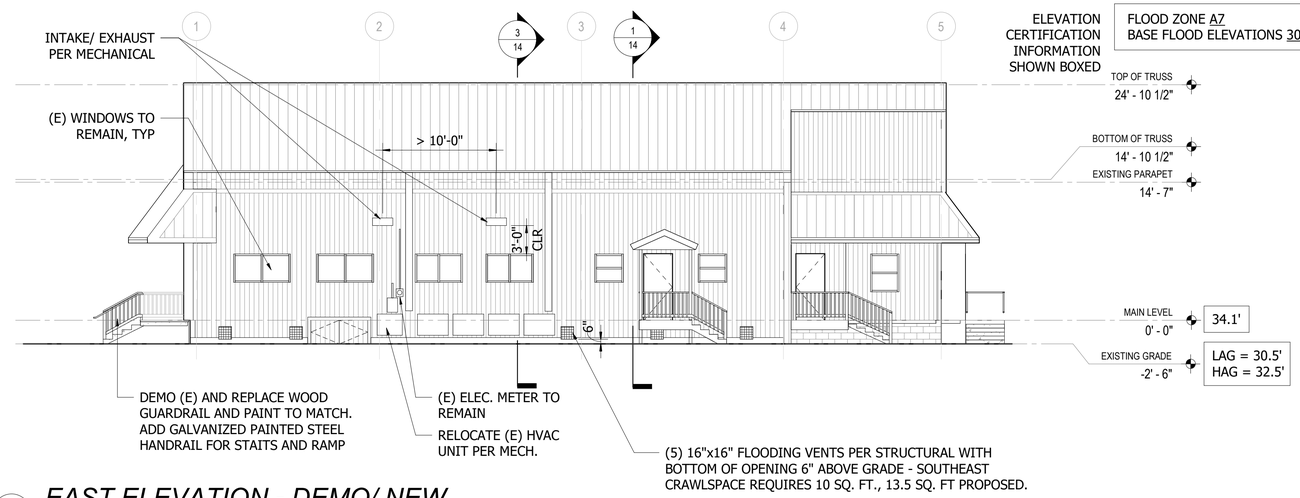
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

RAILINGS & PORCH INFILL
A2.3

SCALE
AS SHOWN

PARKS FILE#



ELEVATION CERTIFICATION INFORMATION SHOWN BOXED

FLOOD ZONE A7
BASE FLOOD ELEVATIONS 30.70

1 *EAST ELEVATION - DEMO/ NEW*

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

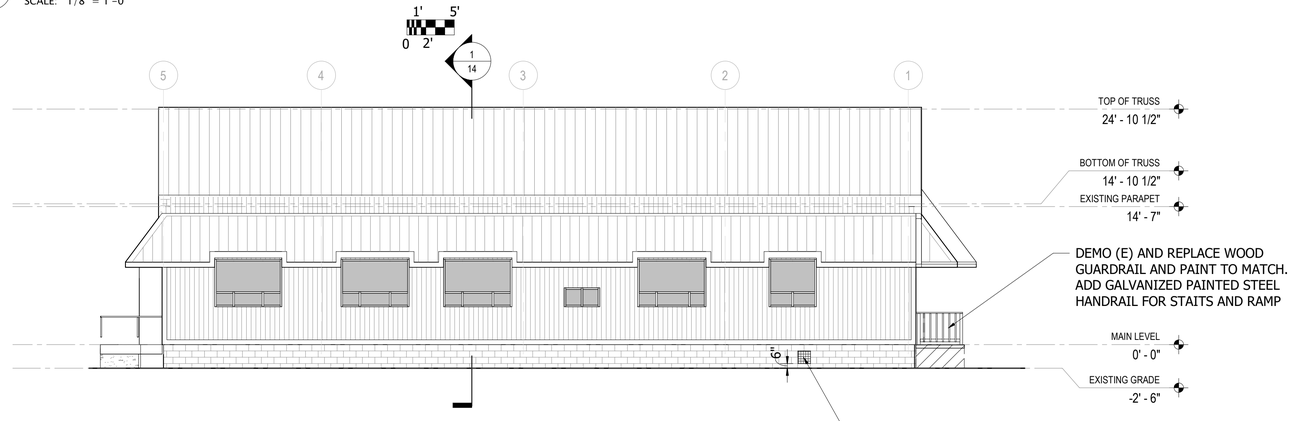
1' 5'
0 2'

2 *NORTH ELEVATION - DEMO/ NEW*

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

NOTE: FOR REFERENCE ONLY, NO WORK ON NORTH FACADE

1' 5'
0 2'



3 *WEST ELEVATION - DEMO/ NEW*

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

1' 5'
0 2'

CAD NO. R1200-35NW-2024-12

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS NW REGION

HQ REMODEL

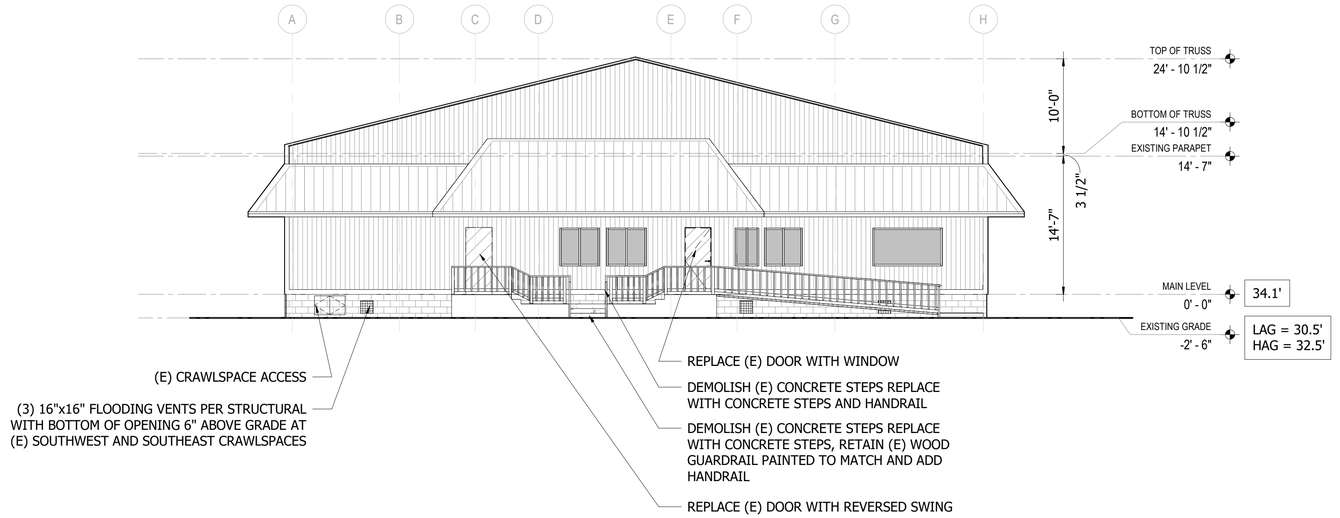
EXTERIOR ELEVATIONS A3.1

SCALE
AS SHOWN

PARKS FILE#

ELEVATION CERTIFICATION
INFORMATION SHOWN BOXED

FLOOD ZONE A7
BASE FLOOD ELEVATIONS 30.70



1 *SOUTH ELEVATION - EXISTING/DEMO*

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

1' 5'
0 2'

SHEET 13 OF 44

CAD NO. R1200-35NW-2024-13

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

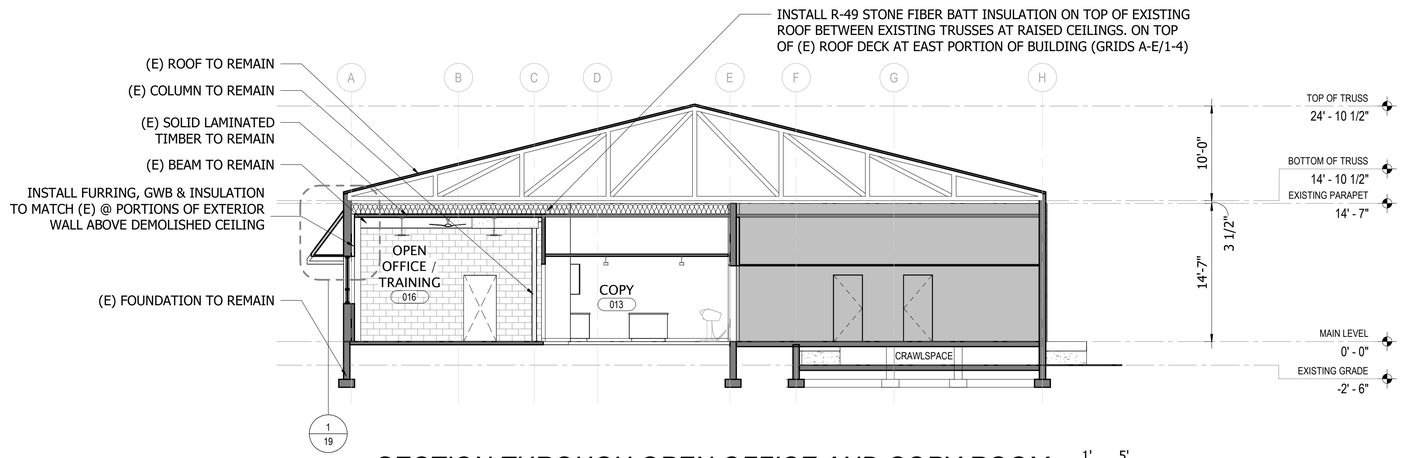
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

EXTERIOR ELEVATIONS
A3.2

SCALE
AS SHOWN

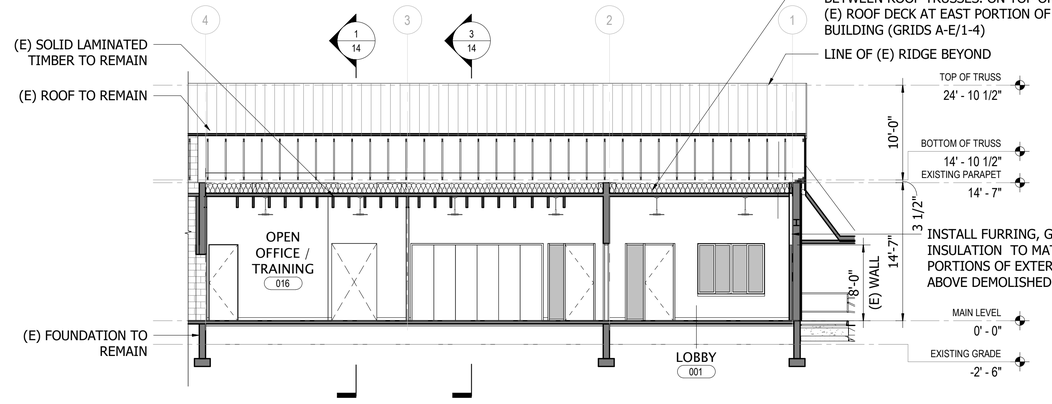
PARKS FILE#



1 SECTION THROUGH OPEN OFFICE AND COPY ROOM

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

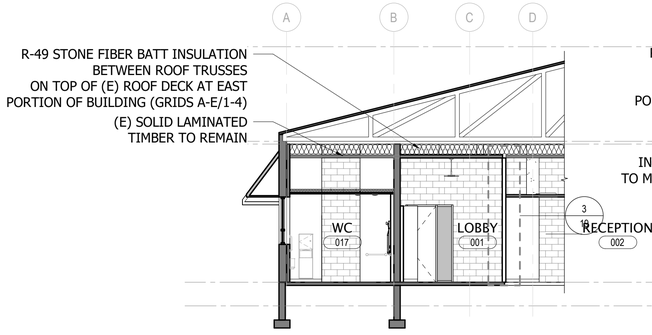
1' 5'
0 2'



2 SECTION THROUGH OPEN OFFICE AND LOBBY

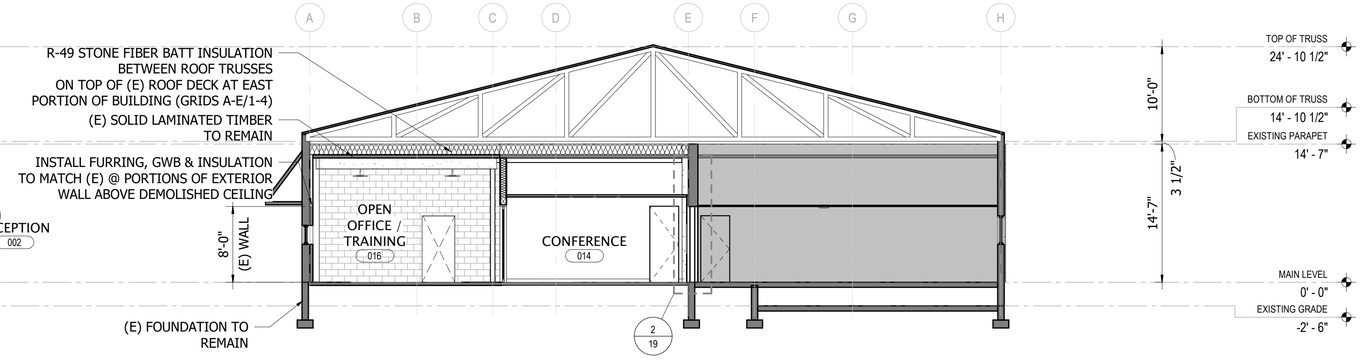
SCALE: 1/8" = 1'-0"

1' 5'
0 2'



4 PARTIAL SECTION THROUGH W/C AND LOBBY

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



3 SECTION THROUGH OPEN OFFICE AND MEETING ROOMS

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

1' 5'
0 2'

SHEET 14 OF 44

CAD NO. R1200-35NW-2024-14

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

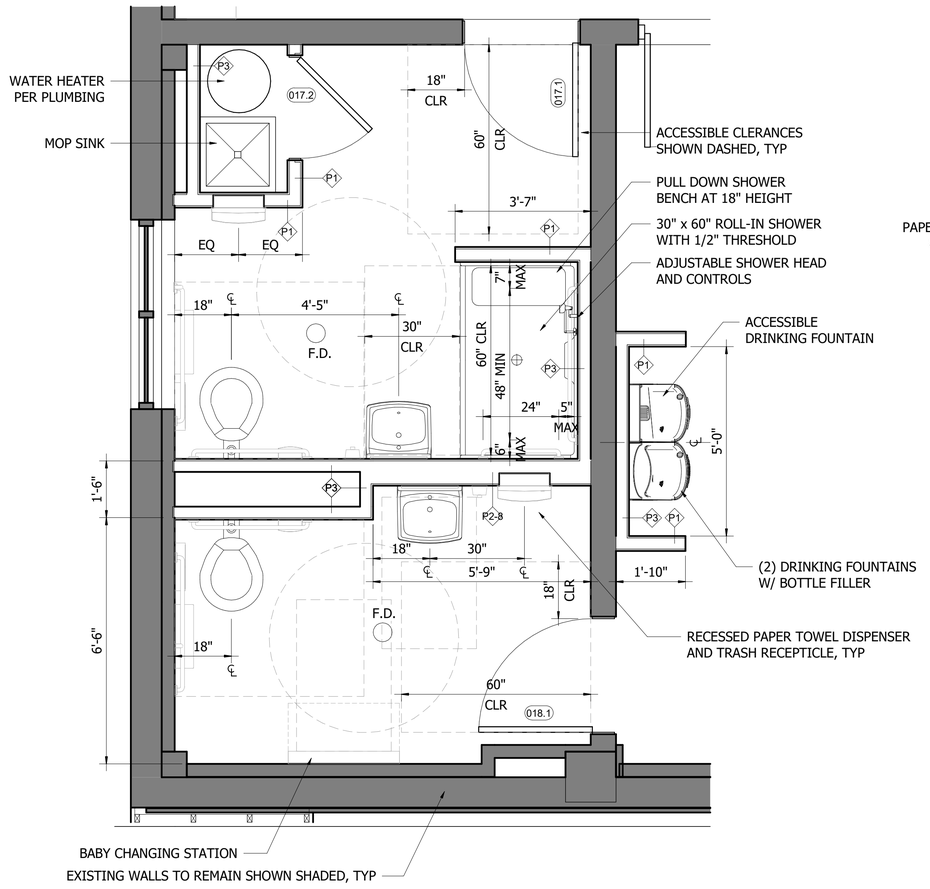
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

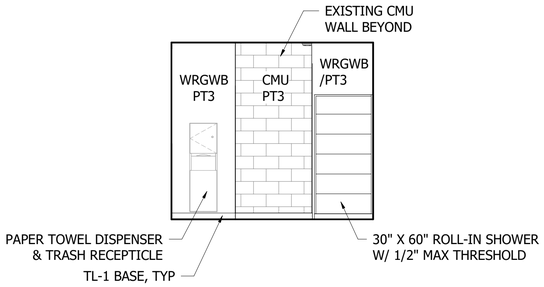
BUILDING SECTIONS
A3.3

SCALE
AS SHOWN

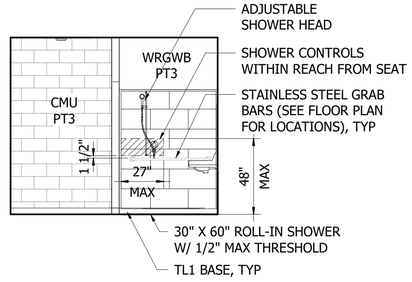
PARKS FILE#



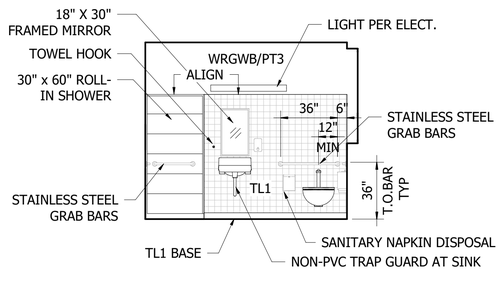
1 ENLARGED WC PLAN
SCALE: 1/2" = 1'-0"



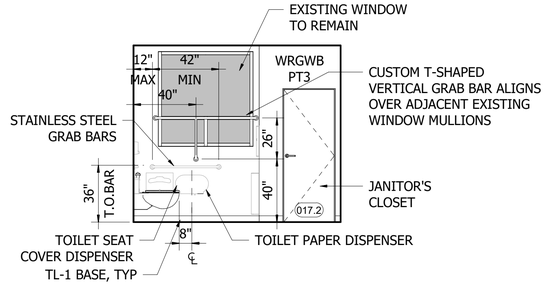
2 017 WC NORTH
SCALE: 1/4" = 1'-0"



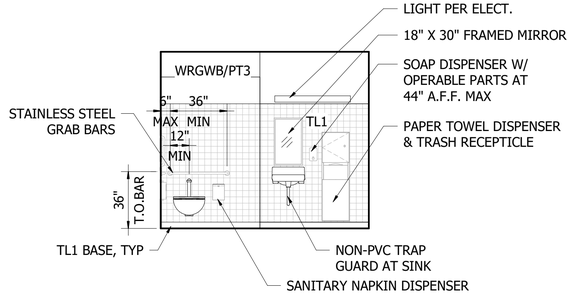
3 017 WC EAST
SCALE: 1/4" = 1'-0"



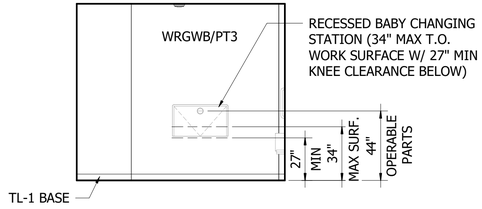
4 017 WC SOUTH
SCALE: 1/4" = 1'-0"



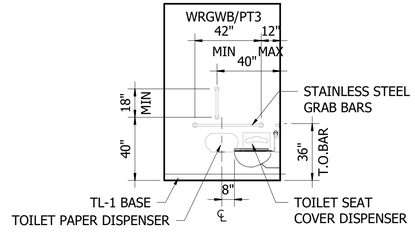
5 017 WC WEST
SCALE: 1/4" = 1'-0"



6 018 WC NORTH
SCALE: 1/4" = 1'-0"



7 018 WC SOUTH
SCALE: 1/4" = 1'-0"



8 018 WC WEST
SCALE: 1/4" = 1'-0"

SHEET 15 OF 44

CAD NO. R1200-35NW-2024-15

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	2/16/23
DRAWN	ML	2/16/23
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

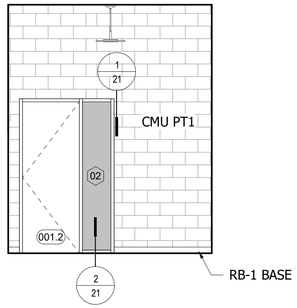
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

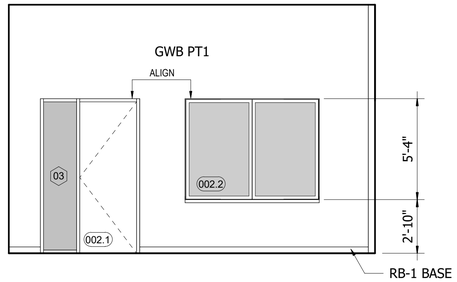
INTERIOR ELEVATIONS
A4.1

SCALE
AS SHOWN

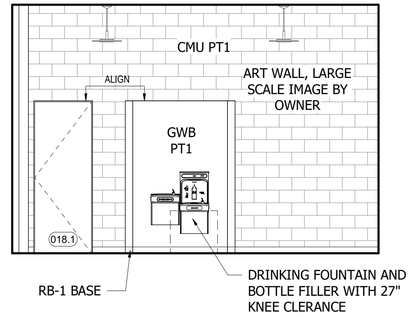
PARKS FILE#



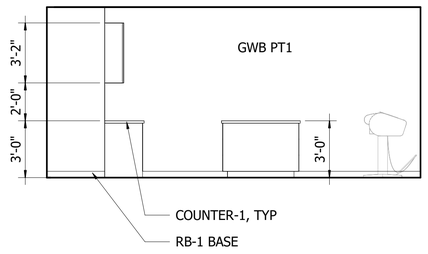
1 *001 LOBBY NORTH*
SCALE: 1/4" = 1'-0"



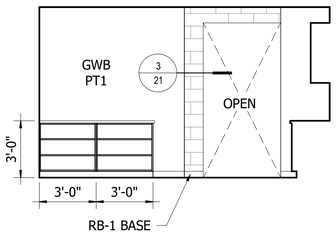
2 *001 LOBBY EAST*
SCALE: 1/4" = 1'-0"



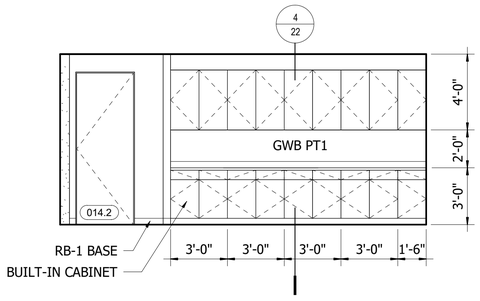
3 *001 LOBBY WEST*
SCALE: 1/4" = 1'-0"



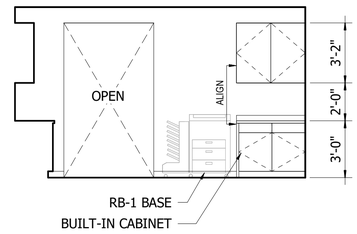
4 *013 COPY NORTH*
SCALE: 1/4" = 1'-0"



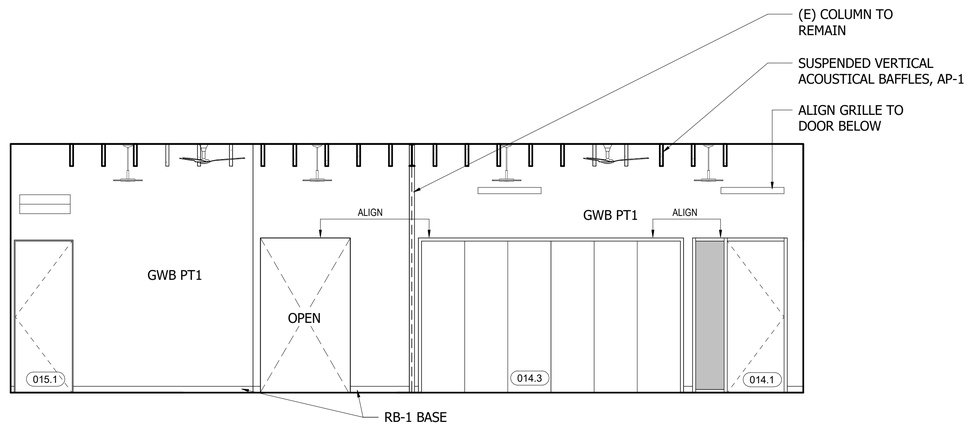
5 *013 COPY EAST*
SCALE: 1/4" = 1'-0"



6 *013 COPY SOUTH*
SCALE: 1/4" = 1'-0"



8 *013 COPY WEST*
SCALE: 1/4" = 1'-0"



7 *016 OPEN OFFICE EAST*
SCALE: 1/4" = 1'-0"

CAD NO. R1200-35NW-2024-16

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

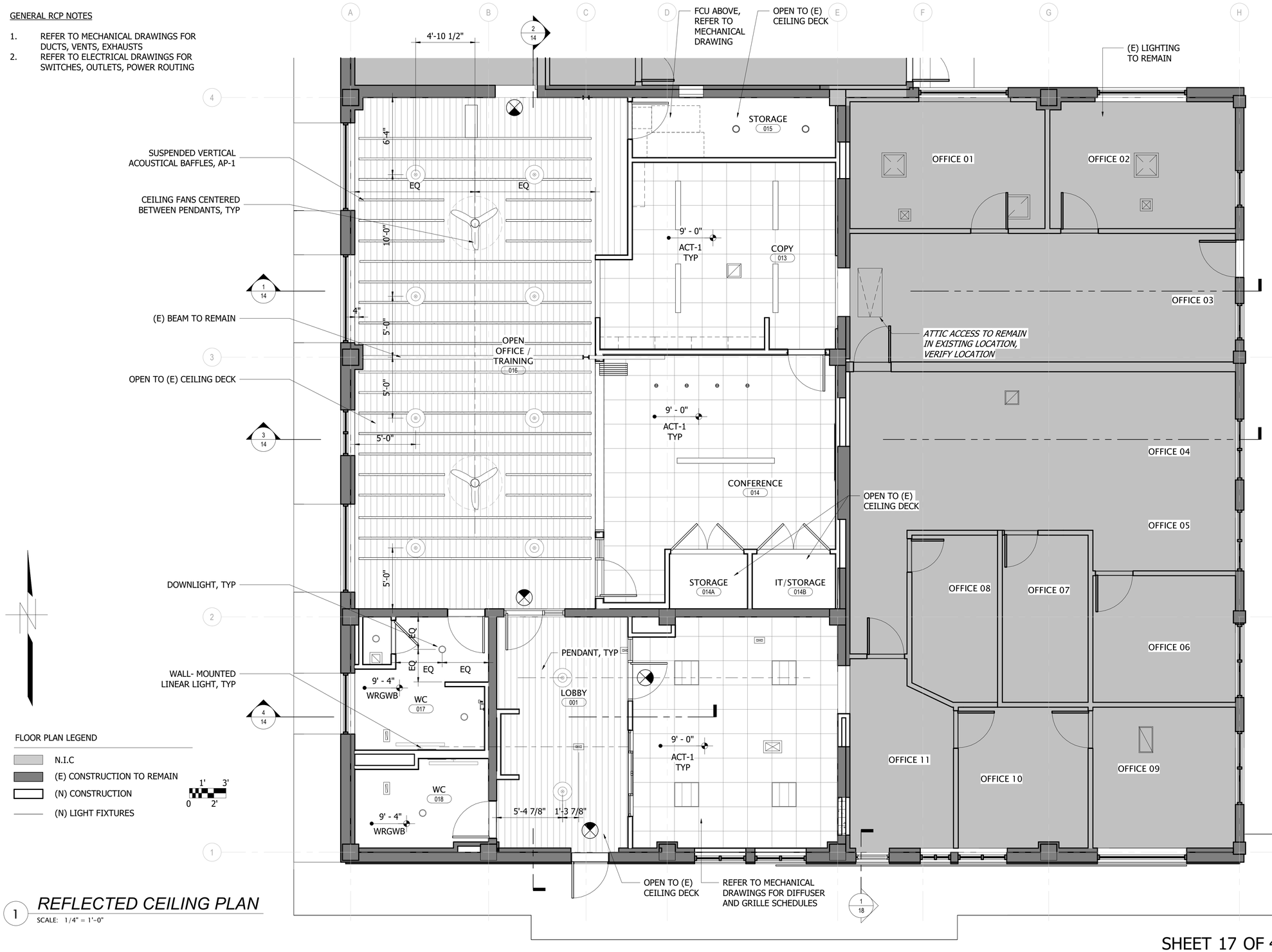
INTERIOR ELEVATIONS
A4.2

SCALE
AS SHOWN

PARKS FILE#

GENERAL RCP NOTES

1. REFER TO MECHANICAL DRAWINGS FOR DUCTS, VENTS, EXHAUSTS
2. REFER TO ELECTRICAL DRAWINGS FOR SWITCHES, OUTLETS, POWER ROUTING



FLOOR PLAN LEGEND

- N.I.C
- (E) CONSTRUCTION TO REMAIN
- (N) CONSTRUCTION
- (N) LIGHT FIXTURES

1' 3'
0 2'

1 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

SHEET 17 OF 44

CAD NO. R1200-35NW-2024-17

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

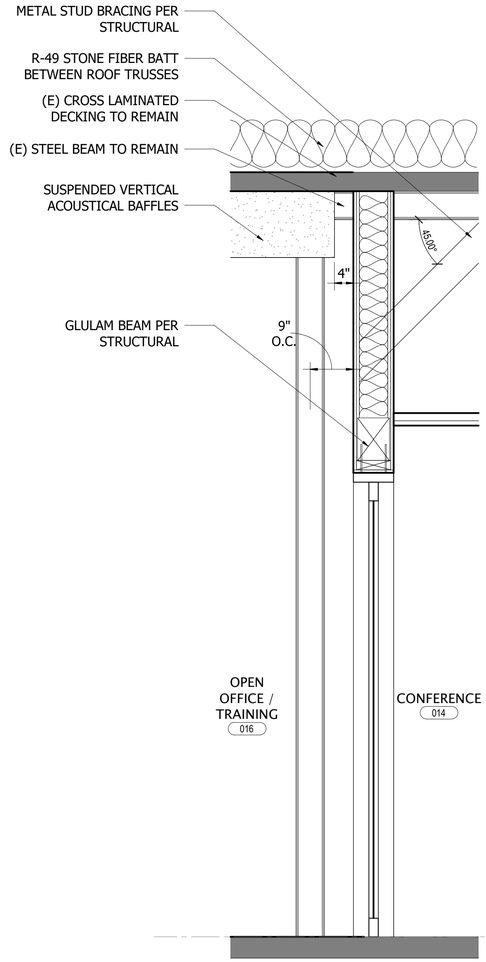
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

REFLECTED CEILING PLAN
A5.1

SCALE
AS SHOWN

PARKS FILE#

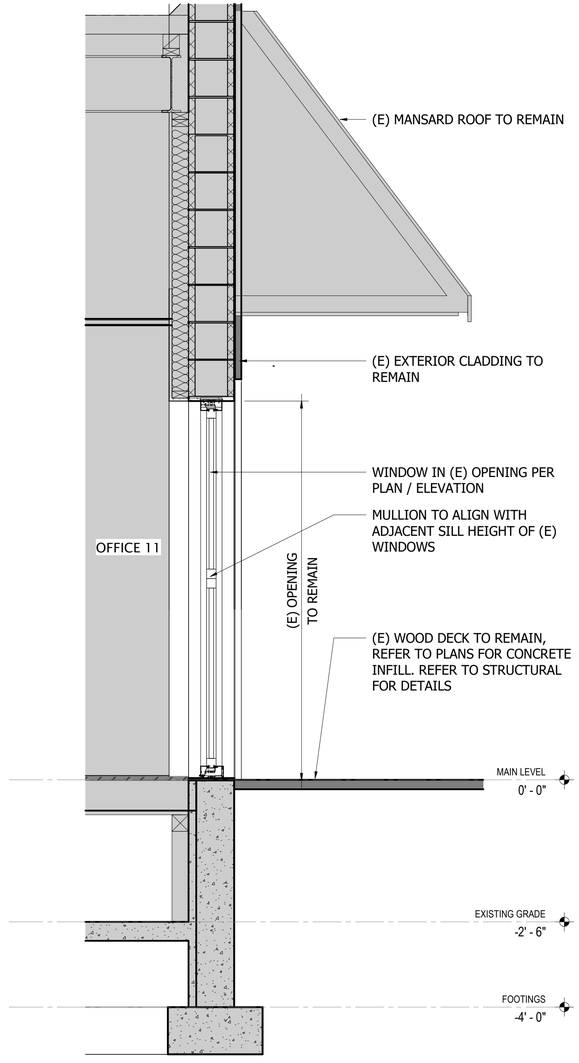


GENERAL NOTES

1. SEE ELEVATIONS FOR FIREBLOCKING LOCATIONS

2 *THROUGH CONFERENCE ROOM OPERABLE PARTITION*

SCALE: 3/4" = 1'-0"



1 *THROUGH EXISTING DOOR*

SCALE: 3/4" = 1'-0"

CAD NO. R1200-35NW-2024-18

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

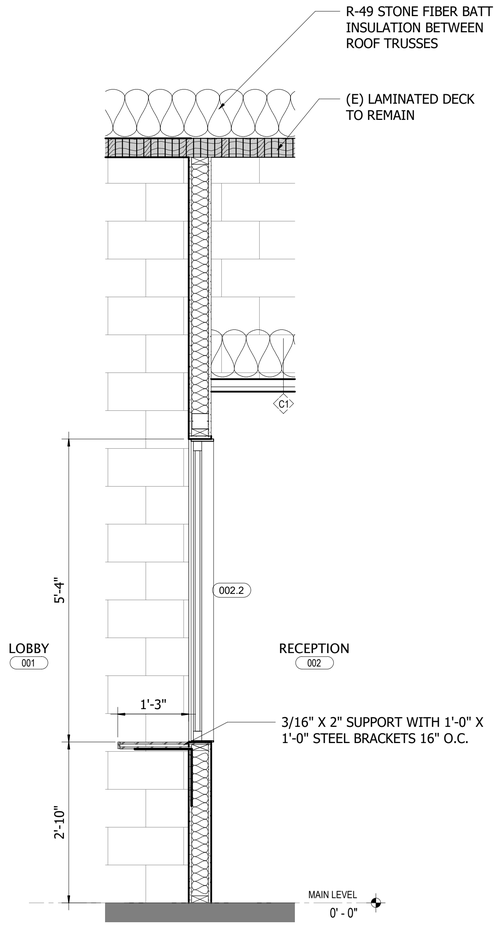
WASHINGTON STATE PARKS NW REGION

HQ REMODEL

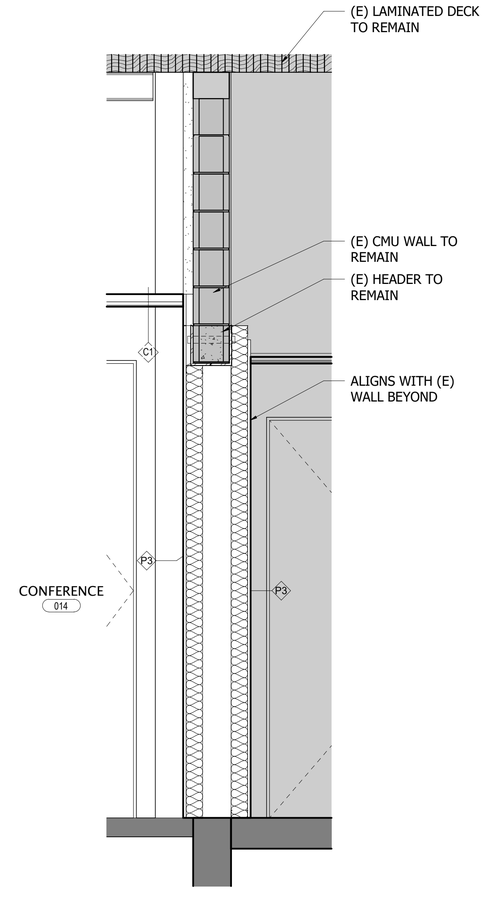
WALL SECTIONS A6.1

SCALE
AS SHOWN

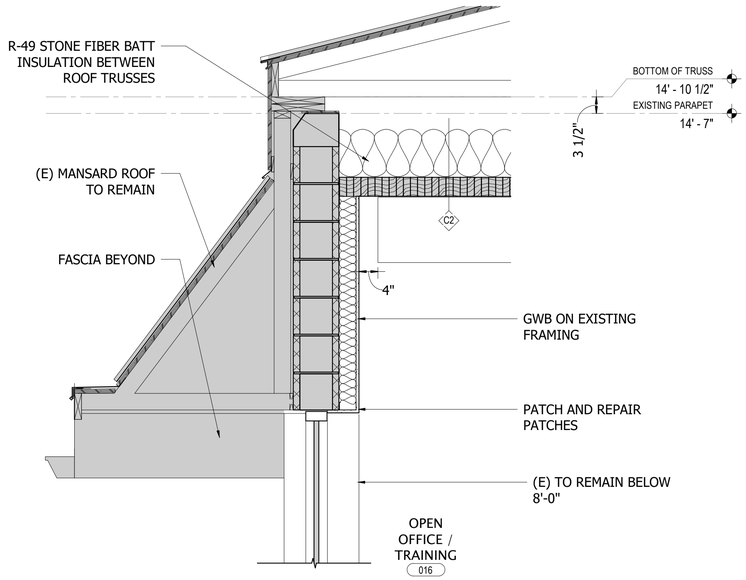
PARKS FILE#



3 *THROUGH SLIDING WINDOW*
SCALE: 3/4" = 1'-0"



2 *EXISTING OPENING THROUGH CMU*
SCALE: 3/4" = 1'-0"



1 *THROUGH WEST WINDOWS*
SCALE: 3/4" = 1'-0"

CAD NO. R1200-35NW-2024-19

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT 6290 STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

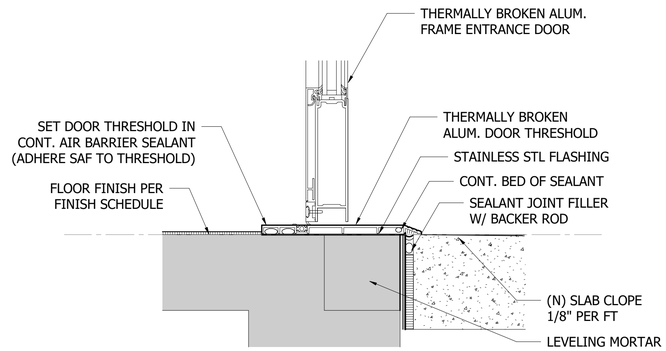
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

WALL SECTIONS
A6.2

SCALE
AS SHOWN

PARKS FILE#



1 *ENTRY STOREFRONT SILL*

SCALE: 3" = 1'-0"

SHEET 20 OF 44

CAD NO. R1200-35NW-2024-20

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML	8/31/23
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

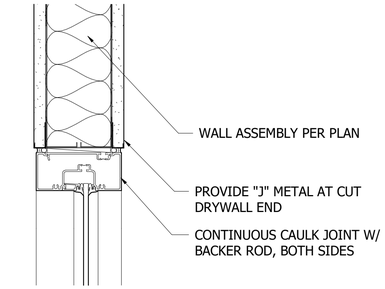
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

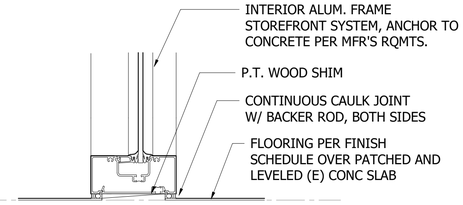
EXTERIOR DETAILS
A7.1

SCALE
AS SHOWN

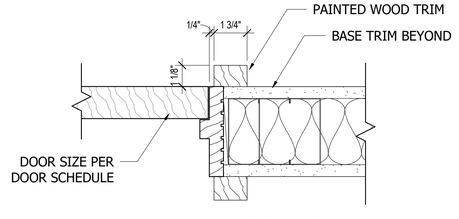
PARKS FILE#



1 *TYP RELITE HEADER*
SCALE: 3" = 1'-0"

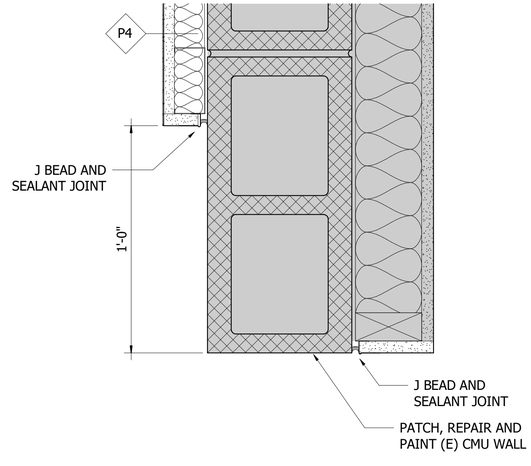


2 *TYP RELITE SILL @ FLOOR*
SCALE: 3" = 1'-0"



HEADER SIMILAR.

4 *TYP INTERIOR DOOR JAMB AND HEADER*
SCALE: 3" = 1'-0"



3 *EXISTING OPENING AT CMU*
SCALE: 3" = 1'-0"

SHEET 21 OF 44

CAD NO. R1200-35NW-2024-21

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML	8/31/23
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

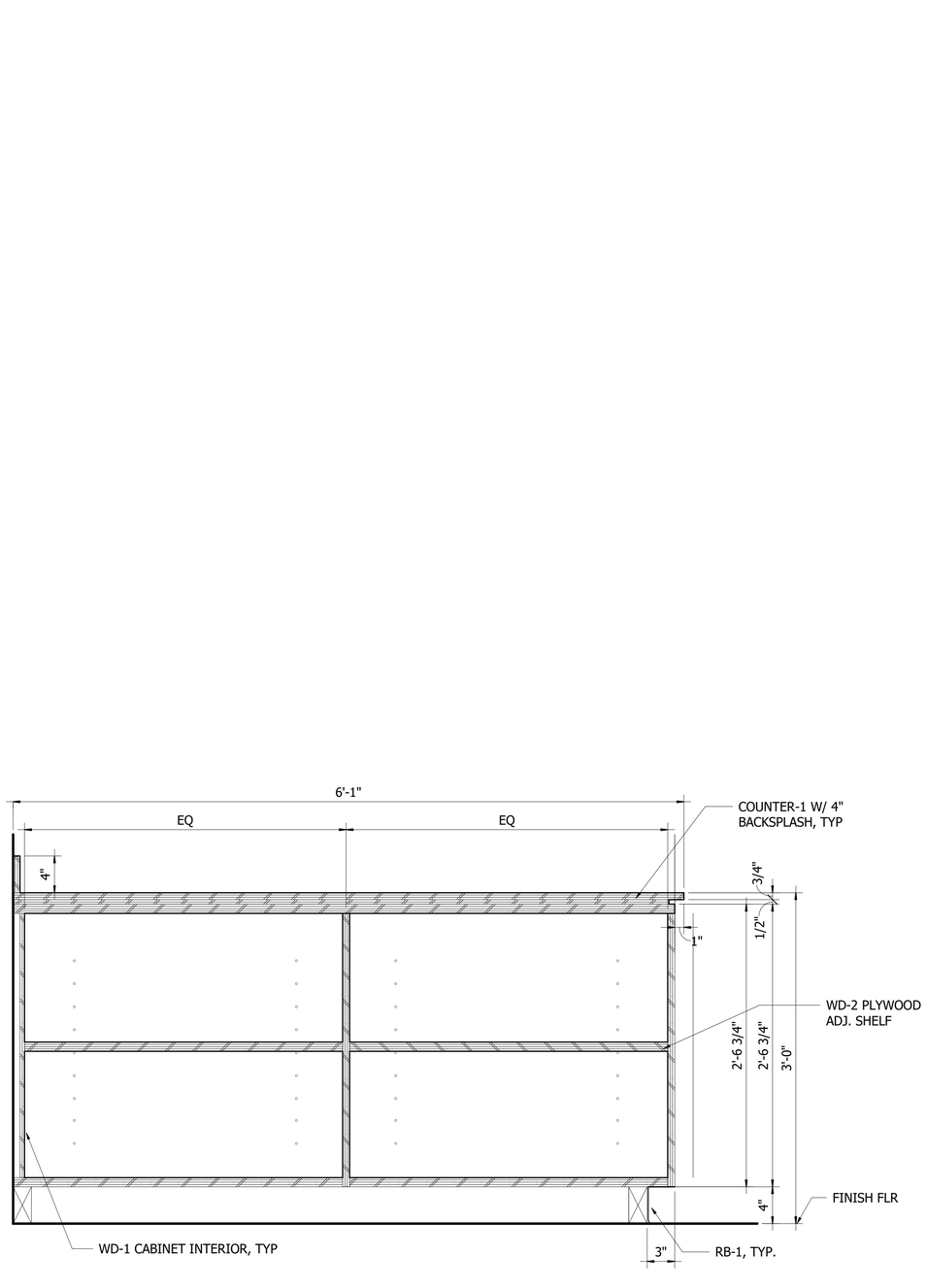
HQ REMODEL

INTERIOR DETAILS
A7.2

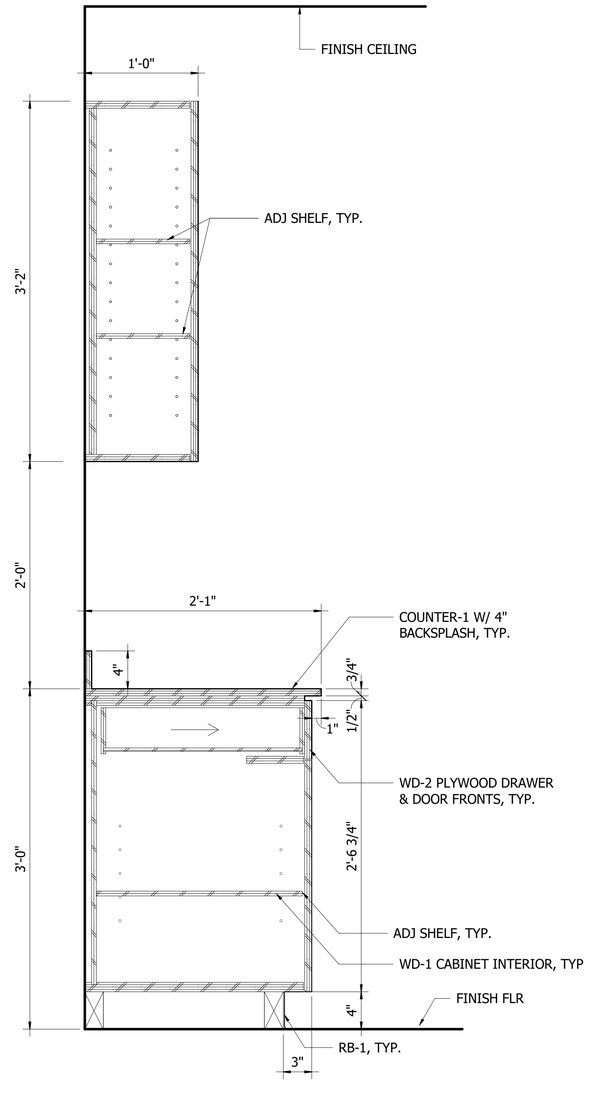
SCALE
AS SHOWN

PARKS FILE#

NOTE: RECEPTION COUNTER INCLUDED IN CASEWORK PACKAGE, REFER TO WALL SECTION 3, SHEET 18



4 *PLOTTER COUNTER*
SCALE: 1 1/2" = 1'-0"



3 *COPY ROOM CASEWORK*
SCALE: 1 1/2" = 1'-0"

SHEET 22 OF 44

CAD NO. R1200-35NW-2024-22

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	JK	8/31/23
DRAWN	ML/GM	4/02/24
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED ARCHITECT
6290
STATE OF WASHINGTON

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

CASEWORK DETAILS
A7.3

SCALE
AS SHOWN

PARKS FILE#

GENERAL STRUCTURAL NOTES

THE FOLLOWING SHALL APPLY UNLESS SHOWN OTHERWISE ON THE PLANS

CRITERIA

1. SUMMARY OF WORK: THIS PROJECT CONSISTS OF INTERIOR TENANT IMPROVEMENTS AND NEW EXTERIOR ENTRY RENOVATIONS TO AN EXISTING ONE-STORY OFFICE BUILDING.

   THE EXISTING BUILDING UPGRADE AND NEW CONSTRUCTION HAVE BEEN DESIGNED TO MEET THE 2018 IBC SECTION 1612 FLOOD LOAD REQUIREMENTS. ADDITIONALLY, THE DESIGN PROVIDES FOR EQUALIZATION OF HYDROSTATIC FLOOD FORCES IN ACCORDANCE WITH SECTION 2.7.2.2 OF ASCE 24.

2. DOCUMENTS: STRUCTURAL DOCUMENTS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DOCUMENTS FOR ALL BIDDING AND CONSTRUCTION.

   DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. TYPICAL DETAILS AND GENERAL NOTES SHALL APPLY EVEN IF NOT SPECIFICALLY DENOTED ON PLANS, UNLESS NOTED OTHERWISE. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER OF RECORD.

   PRIMARY STRUCTURAL ELEMENTS NOT DIMENSIONED ON THE STRUCTURAL PLANS AND DETAILS SHALL BE LOCATED BY THE ARCHITECTURAL PLANS AND DETAILS. VERTICAL DIMENSION CONTROL IS DEFINED BY THE ARCHITECTURAL WALL SECTIONS, BUILDING SECTIONS, AND PLANS. DETAILING AND SHOP DRAWING PRODUCTION FOR STRUCTURAL ELEMENTS WILL REQUIRE DIMENSIONAL INFORMATION CONTAINED IN BOTH ARCHITECTURAL AND STRUCTURAL DRAWINGS.

   EXISTING STRUCTURAL INFORMATION, DESIGNATED AS (E) ON THE STRUCTURAL DRAWINGS, HAS BEEN COMPILED FROM INFORMATION FURNISHED BY VARIOUS SOURCES AND IS NOT NECESSARILY FIELD-VERIFIED BY THE ENGINEER. DIMENSIONS RELATING TO THE EXISTING STRUCTURES ARE INTENDED FOR USE AS GUIDELINES ONLY; ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS SHALL BE FIELD-VERIFIED BY THE CONTRACTOR PRIOR TO START OF CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.

3. WARRANTY: THE STRUCTURAL ENGINEER OF RECORD HAS USED THE DEGREE OF CARE AND SKILL ORDINARILY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY MEMBERS OF THE PROFESSION IN THIS LOCALE AND NO OTHER WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE IN CONNECTION WITH RENDERING PROFESSIONAL SERVICES.

4. OWNER RESPONSIBILITY: THE OWNER SHALL RETAIN A SPECIAL INSPECTOR TO PERFORM THE SPECIAL INSPECTION REQUIREMENTS REQUIRED BY THE BUILDING OFFICIAL AND AS OUTLINED IN THE QUALITY ASSURANCE SECTION BELOW.

CRITERIA

5. ALL MATERIALS, WORKMANSHIP, DESIGN AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, THE 2018 INTERNATIONAL BUILDING CODE (IBC), WITH STATE AND LOCAL JURISDICTION AMENDMENTS.

6. DESIGN LOADING CRITERIA

   ROOF SNOW LOAD . . . . 25 PSF
   FLOOR (OFFICES). . . . . 50 PSF
   FLOOR (LOBBY & CORRIDORS) . . . . 100 PSF
   STAIRS & EGRESS. . . . . 100 PSF
   UNINHABITABLE ATTIC. . . . . 20 PSF
   CEILING, ACCESSIBLE, FURRED. . . . . 10 PSF

   LATERAL LOADS - WIND

BASIC WIND SPEED		98 MPH
IMPORTANCE FACTOR		1.0
Kzt		1.0
EXPOSURE		B
INTERNAL PRESSURE COEFF.		+/- 0.18
COMPONENTS & CLADDING (20 FT^2, ULTIMATE)		
	WALL	15.3 PSF (FIELD) / 17.6 PSF (EDGE)
	ROOF	25.9 PSF (FIELD) / 33.1 PSF (EDGE)

   LATERAL LOADS - SEISMIC

SEISMIC IMPORTANCE FACTOR	Ip=1.0
STRUCTURAL OCCUPANCY CATEGORY	II
MAPPED SPECTRAL RESPONSE ACCELERATIONS	Ss=1.051g, S1=0.374g
BUILDING LOCATION	48.4768 N, 122.3320 W
SITE CLASS	D
SPECTRAL RESPONSE COEFFICIENTS	SDs=0.841g
SEISMIC DESIGN CATEGORY	D
BASIC SEISMIC FORCE RESISTING SYSTEM	VARIES
DESIGN BASE SHEAR (ULT)	N/A
RESPONSE MODIFICATION FACTOR	Rp = 2.5, ap = 1.0
ANALYSIS PROCEDURE	NON-STRUCTURAL COMPONENTS

7. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS. CONFORM TO ASCE 37-14 "DESIGN LOADS ON STRUCTURE DURING CONSTRUCTION".

8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE CONTRACTORS WORK.THE STRUCTURAL ENGINEER HAS NO OVERALL SUPERVISORY AUTHORITY OR ACTUAL AND/OR DIRECT RESPONSIBILITY FOR THE SPECIFIC WORKING CONDITIONS AT THE SITE AND/OR FOR ANY HAZARDS RESULTING FROM THE ACTIONS OF ANY TRADE CONTRACTOR. THE STRUCTURAL ENGINEER HAS NO DUTY TO INSPECT, SUPERVISE, NOTE, CORRECT, OR REPORT ANY HEALTH OR SAFETY DEFICIENCIES TO THE OWNER, CONTRACTORS, OR OTHER ENTITIES OR PERSONS AT THE PROJECT SITE.

9. CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.

10. ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PREPARED BY THE SUPPLIER.

11. SHOP DRAWINGS FOR THE FOLLOWING ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.

    CONCRETE MIX DESIGN
    REINFORCING STEEL SHOP DRAWINGS
    STRUCTURAL STEEL
    COLD FORMED STEEL
    DEFERRED STRUCTURAL COMPONENTS AS REQUIRED (REF NOTE #13)

12. SHOP DRAWING REVIEW: DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD, THEREFORE MUST BE VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY ENGINEER OF RECORD. CONTRACTOR SHALL REVIEW DRAWINGS FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, AND ALL SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. SUBMITTALS SHALL INCLUDE A REPRODUCIBLE AND ONE COPY; REPRODUCIBLE WILL BE MARKED AND RETURNED WITHIN TWO WEEKS OF RECEIPT WITH A NOTATION INDICATING THAT THE SUBMITTAL HAS BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE SUBMITTED ITEMS SHALL NOT BE INSTALLED UNTIL THEY HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

    SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT, BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

13. SHOP DRAWINGS OF DEFERRED STRUCTURAL DESIGN BUILD COMPONENTS INCLUDING CURTAIN WALL SYSTEMS, SKYLIGHT FRAMES, PREFABRICATED STAIR SYSTEMS, EXTERIOR CLADDING, CANOPIES, STORAGE RACKS (GREATER THAN 6 FT IN HEIGHT), HANDRAILS, GUARDS, GRAB RAILS, AND PRE-MANUFACTURED TRUSSES SHALL INCLUDE THE DESIGNING PROFESSIONAL ENGINEER'S STAMP, STATE OF WASHINGTON, AND SHALL BE APPROVED BY THE COMPONENT DESIGNER PRIOR TO REVIEW OF THE ARCHITECT OR ENGINEER OF RECORD FOR GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTAL OF DOCUMENTS TO THE BUILDING OFFICIAL FOR APPROVAL AS REQUIRED. THE DEFERRED STRUCTURAL COMPONENTS SHALL NOT BE INSTALLED UNTIL THE DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL NECESSARY CONNECTIONS NOT SPECIFICALLY CALLED OUT ON ARCHITECTURAL OR STRUCTURAL DRAWINGS.SHOP DRAWINGS SHALL INDICATE MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON BASIC STRUCTURE. DESIGN CALCULATIONS SHALL BE MADE AVAILABLE UPON REQUEST.

QUALITY ASSURANCE

14. THE OWNER SHALL RETAIN A SPECIAL INSPECTOR TO PERFORM THE SPECIAL INSPECTION REQUIREMENTS AS REQUIRED BY THE BUILDING OFFICIAL AS OUTLINED IN SECTION 1704 OF THE INTERNATIONAL BUILDING CODE. THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING DEPARTMENT SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION AND TEST RESULTS. SPECIAL INSPECTION OF THE FOLLOWING TYPES OF CONSTRUCTION.

SOILS	IBC 1705.6
CONCRETE CONSTRUCTION	IBC 1705.3, ACI 318
STEEL CONSTRUCTION	IBC 1705.2, AISC 360
POST-INSTALLED ANCHOR INSTALLATION	IBC 1705.1.1/TABLE 1705.3
EPOXY GROUTED INSTALLATION	ESR REPORT

GEOTECHNICAL

15. FOUNDATION NOTES: ALLOWABLE SOIL PRESSURE AND LATERAL EARTH PRESSURE ARE ASSUMED AND THEREFORE MUST BE VERIFIED BY A QUALIFIED SOILS ENGINEER OR APPROVED BY THE BUILDING OFFICIAL. IF SOILS ARE FOUND TO BE OTHER THAN ASSUMED, NOTIFY THE STRUCTURAL ENGINEER FOR POSSIBLE FOUNDATION REDESIGN.

    ALL FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED EARTH FREE FROM ORGANIC MATERIALS AT LEAST 18" BELOW ADJACENT FINISHED GRADE. FOOTING DEPTHS/ELEVATIONS SHOWN ON PLANS (OR IN DETAILS) ARE MINIMUM AND FOR GUIDANCE ONLY; THE ACTUAL ELEVATIONS OF FOOTINGS MUST BE ESTABLISHED BY THE CONTRACTOR IN THE FIELD WORKING WITH THE TESTING LAB AND SOILS ENGINEER. UNLESS OTHERWISE NOTED, FOOTINGS SHALL BE CENTERED BELOW COLUMNS OR WALLS ABOVE.

    FOOTING EXCAVATION SHALL BE FREE OF LOOSE SOILS, SLOUGHS, DEBRIS AND FREE OF WATER AT ALL TIMES. IF ORGANIC SILT AND/OR FILL MATERIAL IS ENCOUNTERED AT SUBGRADE, OVER-EXCAVATE A MINIMUM OF 2'-0" BELOW THE DESIGN FOUNDATION SUBGRADE ELEVATION PRIOR TO PLACING FOOTINGS. THE OVER-EXCAVATED AREAS SHALL BE BACKFILLED WITH STRUCTURAL FILL COMPACTED TO 95% PROCTOR PER ASTM D-1557 OR A LEAN CONCRETE MIX.

    ALLOWABLE SOIL PRESSURE. . . . . 2000 PSF
    LATERAL EARTH PRESSURE (RESTRAINED/UNRESTRAINED) . . . . 55 PCF/35 PCF
    COEFFICIENT OF FRICTION (FACTOR OF SAFETY OF 1.5 INCLUDED) 0.30

RENOVATION

16. DEMOLITION: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. SHORING SHALL BE INSTALLED TO SUPPORT EXISTING CONSTRUCTION AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. LIMIT CONSTRUCTION LOADING (INCLUDING DEMOLITION DEBRIS) ON EXISTING FLOOR SYSTEMS TO 40 PSF.

17. PRIOR TO ANY DRILLING INTO EXISTING STRUCTURE, CONTRACTOR TO COORDINATE ALL ATTACHMENTS LOCATIONS WITH EXISTING CONCRETE SLAB AND BEAM REINFORCEMENT.

18. NO PENETRATIONS TO OCCUR IN EXISTING CONCRETE WITHOUT PRIOR APPROVAL OF ENGINEER. EXISTING REINFORCING SHALL BE SAVED WHERE AND AS NOTED ON THE PLANS. SAW CUTTING, IF AND WHERE USED, SHALL NOT CUT EXISTING REINFORCING THAT IS TO BE SAVED.

    A. ALL NEW OPENINGS THROUGH EXISTING WALLS, SLABS, AND BEAMS SHALL BE ACCOMPLISHED BY SAW CUTTING WHEREVER POSSIBLE.
    B. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LOCATION OF MEMBERS PRIOR TO CUTTING ANY OPENINGS.
    C. SMALL ROUND OPENINGS SHALL BE ACCOMPLISHED BY CORE DRILLING, IF POSSIBLE.
    D. WHERE NEW REINFORCING TERMINATES AT EXISTING CONCRETE, DOWELS EPOXY GROUTED INTO EXISTING CONCRETE SHALL BE PROVIDED TO MATCH HORIZONTAL REINFORCING, UNLESS OTHERWISE NOTED ON PLANS.

19. CONTRACTOR SHALL CHECK FOR DRYROT AT ALL AREAS OF NEW WORK. ALL ROT SHALL BE REMOVED AND DAMAGED MEMBERS SHALL BE REPLACED OR REPAIRED AS DIRECTED BY THE STRUCTURAL ENGINEER OR ARCHITECT.

CONCRETE

20. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH IBC SECTION 1905, 1906, AND ACI 301, INCLUDING TESTING PROCEDURES. MINIMUM STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS:

TYPE OF CONSTRUCTION	MIN 28 DAY STRENGTH (f'c)	MAXIMUM W/C RATIO	MAXIMUM AGGREGATE	AIR CONTENT	MAXIMUM SLUMP
ALL STRUCT CONCRETE	4,000 PSI	0.38	¾"	5% +/- 1	3.5"

    ADMIXTURES: ALL CONCRETE, INCLUDING SLAB ON GROUND, SHALL CONTAIN AN ACCEPTABLE WATER-REDUCING ADMIXTURE CONFORMING TO ASTM C494 AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

21. THE MINIMUM AMOUNTS OF CEMENT MAY BE CHANGED IF A CONCRETE PERFORMANCE MIX IS SUBMITTED TO THE STRUCTURAL ENGINEER AND THE BUILDING DEPARTMENT FOR APPROVAL TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE PERFORMANCE MIX SHALL INCLUDE THE AMOUNTS OF CEMENT, FINE AND COARSE AGGREGATE, WATER AND ADMIXTURES AS WELL AS THE WATER CEMENT RATIO, SLUMP, CONCRETE YIELD AND SUBSTANTIATING STRENGTH DATA IN ACCORDANCE WITH IBC 1905.6. THE USE OF A PERFORMANCE MIX REQUIRES BATCH PLANT INSPECTION, THE COST OF WHICH SHALL BE PAID BY THE GENERAL CONTRACTOR. REVIEW OF MIX SUBMITTALS BY THE ENGINEER OF RECORD INDICATES ONLY THAT INFORMATION PRESENTED CONFORMS GENERALLY WITH CONTRACT DOCUMENTS. CONTRACTOR OR SUPPLIER MAINTAINS FULL RESPONSIBILITY FOR SPECIFIED PERFORMANCE.

    ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260, C494, AND C618. TOTAL AIR CONTENT FOR FROST-RESISTANT CONCRETE SHALL BE IN ACCORDANCE WITH TABLE 1904.2.1 OF THE INTERNATIONAL BUILDING CODE.

22. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, fy = 60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, fy = 40,000 PSI. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. SPIRAL REINFORCEMENT SHALL BE PLAIN WIRE CONFORMING TO ASTM A615, GRADE 60, fy = 60,000 PSI.

23. DETAILING OF REINFORCING STEEL (INCLUDING HOOKS AND BENDS) SHALL BE IN ACCORDANCE WITH ACI 315 AND 318. LAP ALL CONTINUOUS REINFORCEMENT #5 AND SMALLER 40 BAR DIAMETERS OR 2'-0" MINIMUM. PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. LAP CORNER BARS #5 AND SMALLER 40 BAR DIAMETERS OR 2'-0" MINIMUM. LAPS OF LARGER BARS SHALL BE MADE IN ACCORDANCE WITH ACI 318, CLASS B. LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.

    NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER.

24. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES CAST AGAINST EARTH	3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER (#6 BARS OR LARGER)	2"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER (#5 BARS OR SMALLER)	1-1/2"
COLUMN TIES OR SPIRALS AND BEAM STIRRUPS	1-1/2"
SLABS AND WALLS (INT. FACE)	GREATER OF BAR DIAMETER PLUS 1/8" OR 3/4"

25. CAST-IN-PLACE CONCRETE: SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF DOOR AND WINDOW OPENINGS IN ALL CONCRETE WALLS. SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF MISCELLANEOUS MECHANICAL OPENINGS THROUGH CONCRETE WALLS. SEE ARCHITECTURAL DRAWINGS FOR ALL GROOVES, NOTCHES, CHAMFERS, FEATURE STRIPS, COLOR, TEXTURE, AND OTHER FINISH DETAILS AT ALL EXPOSED CONCRETE SURFACES, BOTH CAST-IN-PLACE AND PRECAST.

ANCHORAGE

26. EPOXY-GROUTED ITEMS INTO CONCRETE (THREADED RODS OR REINFORCING BAR) SPECIFIED ON THE DRAWINGS SHALL BE INSTALLED USING "HIT-RE 500 V3" HIGH-STRENGTH EPOXY AS MANUFACTURED BY THE HILTI CORP. INSTALL IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-3814. SPECIAL INSPECTION PER ESR. RODS SHALL BE ASTM A-36 GALVANIZED, UNLESS OTHERWISE NOTED.

27. EPOXY-GROUTED ITEMS INTO GROUTED CONCRETE MASONRY (THREADED RODS OR REINFORCING BAR) SPECIFIED ON THE DRAWINGS SHALL BE INSTALLED USING "HIT-HY 270" HIGH-STRENGTH EPOXY AS MANUFACTURED BY THE HILTI CORP. INSTALL IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-4143. SPECIAL INSPECTION PER ESR. RODS SHALL BE ASTM A-36 GALVANIZED, UNLESS OTHERWISE NOTED.

28. EXPANSION BOLTS INTO CONCRETE SHALL BE "KWIK BOLT TZ" AS MANUFACTURED BY THE HILTI CORP., INSTALLED IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-1917, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. BOLTS INTO CONCRETE MASONRY OR BRICK MASONRY UNITS SHALL BE INTO FULLY GROUTED CELLS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICBO, OR ICC REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. SPECIAL INSPECTION PER ESR REPORT.

29. SCREW BOLTS INTO CONCRETE AND GROUTED CONCRETE MASONRY SHALL BE "KH-EZ" AS MANUFACTURED BY THE HILTI CORP., INSTALLED IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-3027 AND ESR-3056, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICBO, OR ICC REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. SPECIAL INSPECTION PER ESR REPORT.

30. DRIVE PINS AND OTHER POWDER-ACTUATED FASTENERS SHALL BE LOW VELOCITY TYPE (SERIES X-U UNLESS OTHERWISE NOTED) AS MANUFACTURED BY THE HILTI CORP., OR AN APPROVED EQUIVALENT IN STRENGTH AND EMBEDMENT. INSTALL IN STRICT ACCORDANCE WITH ICC-ES REPORT NO. ESR-2269.

STEEL

31. STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE BASED ON:

    1. AISC 360 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS AND CHAPTER 22 OF THE INTERNATIONAL BUILDING CODE.
    2. AISC 303, CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, AMENDED AS NOTED IN THE CONTRACT DOCUMENTS AND BY THE DELETION OF PARAGRAPH 4.4.1.
    3. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.

32. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

	TYPE OF MEMBER	ASTM SPECIFICATION	Fy
A.	WIDE FLANGE SHAPES	A992	50 KSI
B.	HSS SQUARE & RECT.	A500 (GRADE B)	46 KSI
C.	CHANNELS, ANGLES AND PLATES	A36	36 KSI
D.	ANCHOR RODS	F1554, GRADE 36	36 KSI
E.	CONNECTION BOLTS	A325	

33. ALL A-325-N CONNECTION BOLTS, NOT PART OF THE SEISMIC LOAD RESISTING SYSTEM (SLRS), NEED ONLY BE TIGHTENED TO SNUG-TIGHT (ST) CONDITIONS, DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL PLIES IN A JOINT ARE IN FIRM CONTACT. THIS MAY BE ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OF THE FULL EFFORT OF A PERSON USING AN ORDINARY SPUD WRENCH. ALL BOLT HOLES SHALL BE STANDARD SIZE, UNLESS OTHERWISE NOTED. ALL ASTM A-307 BOLTS SHALL BE PROVIDED WITH LOCK WASHERS UNDER NUTS OR SELF-LOCKING NUTS.

34. ALL ANCHORS EMBEDDED IN MASONRY OR CONCRETE SHALL BE A307 HEADED BOLTS OR A36 THREADED ROD WITH AN ASTM 563 HEAVY HEX NUT TACK WELDED ON THE EMBEDDED END, UNLESS OTHERWISE NOTED.

35. COATINGS AND PROTECTION (WEATHER, FIRE, CORROSION, ETC) SHALL BE AS SPECIFIED BY THE ARCHITECT. GALVANIZED STEEL MEMBERS SHALL CONFORM TO ASTM A-123 AND GALVANIZED STEEL HARDWARE SHALL CONFORM TO ASTM A-153. ALL STEEL NOTED AS GALVANIZED AND ANY STEEL IN GROUND CONTACT OR WITHIN 6" OF GRADE SHALL BE ZINC-PLATED (GALVANIZED) BY THE HOT-DIPPED GALVANIC METHOD (OR PRE-APPROVED EQUIVALENT), EXCEPT WHERE SUCH STEEL IS TO BE FULLY ENCASED IN CONCRETE. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL CONFORM TO SECTION 10 OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.

36. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND A.W.S. STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70 XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY A.W.S.) SHALL BE USED. ALL COMPLETE JOINT PENETRATION GROOVE WELDS SHALL BE MADE WITH A FILLER MATERIAL THAT HAS A MINIMUM CVN TOUGHNESS OF 20 FT-LBS AT -20 DEGREES F AND 40 FT-LBS AT 70 DEGREES F, AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION.

37. NON-SHRINK GROUT FOR STEEL BASE PLATES SHALL BE AN APPROVED NONSHRINK CEMENTITIOUS GROUT CONTAINING NATURAL AGGREGATES DELIVERED TO THE JOB SITE IN FACTORY PREPACKAGED CONTAINERS REQUIRING ONLY THE ADDITION OF WATER. THE MINIMUM 28-DAY COMPRESSIVE STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3000PSI MINIMUM). GROUT SHALL MEET ASTM C1107 REQUIREMENTS. NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. APPROVED GROUTS INCLUDE: MASTER BUILDER'S "MASTER FLOW 713", SIKA CORPORATION'S "SIKAGROUT 212", BURKE COMPANY'S "NONFERROUS NONSHRINK GROUT", W.R. MEADOWS CG-86 CONSTRUCTION GRADE GROUT.

COLD FORMED STEEL

38. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE A.I.S.I. "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AS AMENDED BY THE INTERNATIONAL BUILDING CODE AND SHALL STRICTLY CONFORM WITH ICC REPORT ER-4943P. ALL COLD-FORMED STEEL PRODUCTS SHALL BE MANUFACTURED BY CURRENT MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA). MATERIAL DESIGNATIONS AS NOTED ON THE DRAWINGS, RELATING TO MEMBER TYPES AND SIZES OR MISCELLANEOUS FRAMING ITEMS, REFER TO PRODUCT IDENTIFICATION STANDARDS ADOPTED BY THE SSMA.

39. ALL COLD-FORMED STEEL FRAMING MATERIAL SHALL BE GALVANIZED UNLESS OTHERWISE NOTED, CONFORMING AS FOLLOWS:

ASTM A653, GRADE 50	Fy = 50 ksi	12, 14, AND 16 GAUGE
ASTM A653, GRADE 33	Fy = 33 ksi	18 AND 20 GAUGE

40. WELDING OF COLD-FORMED STEEL FRAMING SHALL CONFORM TO AWS D1.3 & SHALL BE PERFORMED BY WELDERS QUALIFIED TO PRODUCE THE SPECIFIED CLASSES OF WELD.

41. WALL FRAMING:

    A. STRUCTURAL WALL STUDS SHALL BE ASSUMED TO HAVE A MINIMUM DEPTH OF 3-1/2", MINIMUM FLANGE OF 1-5/8", MINIMUM THICKNESS OF 43 MILS AND MAXIMUM SPACING OF 16"OC. WALL STUDS SHALL BE INSTALLED PLUMB (WITHIN 1/8" OVER 10'-0"). SPLICES IN WALL STUDS ARE PROHIBITED. STUDS SHALL BE SEATED TIGHTLY WITHIN TRACKS WITH A MAXIMUM GAP TOLERANCE OF 1/8". TRACK SECTIONS SHALL BE UNPUNCHED AND HAVE AT LEAST 1-1/4" FLANGES (1-1/2" FLANGES AT EXTERIOR STUDS) AND SHALL HAVE THE SAME GAUGE THICKNESS AS THE SUPPORTED STUDS, UNO.

    B. TWO STUDS MINIMUM SHALL BE PROVIDED AT THE ENDS OF ALL WALLS, EACH SIDE OF ALL OPENINGS, AND BELOW BEAM BEARING POINTS. SOLID BLOCKING FOR MULTI-STUD OR STEEL COLUMNS SHALL BE PROVIDED THROUGH INTERMEDIATE LEVELS TO SUPPORTS BELOW. INDIVIDUAL MEMBERS OF BUILT UP POSTS SHALL BE WELDED TO EACH OTHER IN ACCORDANCE WITH THE DETAILS. REFER TO THE PLANS AND SHEAR WALL SCHEDULE FOR REQUIRED WALL SHEATHING. PROVIDE CONTINUOUS FULL WIDTH BLOCKING AT MID-HEIGHT OF ALL STUD WALLS OVER 8 FT IN HEIGHT

    C. UNLESS NOTED OTHERWISE, PROVIDE GYPSUM WALLBOARD ON INTERIOR SURFACES AND GYPSUM SHEATHING ON EXTERIOR SURFACES SCREWED TO ALL STUDS, TOP AND BOTTOM TRACKS, AND BLOCKING WITH #6 x 1-1/2" LONG FLATHEAD SCREWS @ 8"OC AT ALL PANEL EDGES, AND @ 12"OC IN THE FIELD OF THE PANEL. ALLOW ⅛" SPACING AT ALL PANEL EDGES AND ENDS. ATTACH EACH STUD TO EACH TRACK WITH #8 SCREW AT EACH FLANGE.

    D. STRUCTURAL BEARING WALLS OR SHEAR WALLS SHALL BE LATERALLY SUPPORTED TO PREVENT WEAK AXIS BUCKLING BY CONNECTING EACH FLANGE TO GYPSUM WALLBOARD (OR PLYWOOD) PER ASTM C955. ALTERNATIVELY, STRUCTURAL WALLS SHEATHED ON ONE SIDE ONLY SHALL HAVE THE UNSHEATHED FLANGES BRACED AS FOLLOWS: PROVIDE CONTINUOUS COLD-ROLLED CHANNEL LATERAL BRACING PER DETAILS AT LESSER SPACING OF: 1/3 POINTS OF WALL HEIGHT OR 48"OC MAX VERTICALLY AT ALL LOAD BEARING AND ALL EXTERIOR STUD WALLS 6"OR LESS IN WIDTH. AT 8" OR WIDER LOAD BEARING AND/OR EXTERIOR STUD WALLS, SUBSTITUTE CONTINUOUS STRAPS AND INTERMITTENT BLOCKING PER DETAILS FOR COLD ROLLED CHANNEL LATERAL BRACING.

    E. ALL STUD WALLS SHALL HAVE THEIR BOTTOM TRACKS ATTACHED TO FRAMING BELOW WITH #8 SCREWS @ 16"OC, MINIMUM, UNLESS NOTED OTHERWISE. ATTACHE TO CONCRETE WITH DRIVE PINS @ 16"OC, UNLESS NOTED OTHERWISE. DRIVE PINS SHALL BE TYPE X-U POWDER ACTUATED FASTENERS AS MANUFACTURED BY THE HILTI CORPORATION. DRIVE PINS SHALL HAVE A SHANK DIAMETER OF 0.157" AND A MINIMUM EMBEDMENT INTO CONCRETE OF 1-1/4". DRIVE PINS SHALL CONFORM TO ICC ESR-2269.

42. CEILING FRAMING:
    CEILING JOISTS SHALL BE INSTALLED PLUMB AND LEVEL (UNO) WITH A MINIMUM 1-1/2" BEARING WIDTH. THE TOP AND BOTTOM FLANGES OF CEILING JOISTS SPANNING GREATER THAN 12'-0" SHALL BE BRACED WITH GYPSUM BOARD INSTALLED WITH #8 SCREWS @ 12"OC (MINIMUM) AT ALL PANEL EDGES AND TO INTERMEDIATE SUPPORTS. ALTERNATIVELY, PROVIDE 1-1/2" X 33MILS STRAPS SPACED NO GREATER THAN 12'-0" OC. FLAT STRAPPING SHALL BE ATTACHED TO THE BOTTOM FLANGE OF EACH JOIST WITH ONE #8 SCREW AND TO FULL-DEPTH BLOCKING WITH TWO #8 SCREWS. FULL DEPTH BLOCKING SHALL BE INSTALLED AT THE FIRST AND LAST JOIST BAYS AND AT INTERMEDIATE BAYS WITH MAXIMUM SPACING OF 12'-0" OC.

43. SCREWS - STEEL TO STEEL CONNECTIONS AND SHEATHING TO STEEL CONNECTIONS SHALL BE SELF TAPPING, SELF DRILLING FASTENERS IN COMPLIANCE WITH ASTM C1513 AND SHALL HAVE A TYPE II COATING IN ACCORDANCE WITH ASTM B633. SCREW CONNECTIONS SHALL BE IN COMPLIANCE WITH THE AISI STANDARD "NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING". SCREWS SHALL EXTEND THROUGH THE STEEL CONNECTION A MINIMUM OF THREE EXPOSED THREADS AND SHALL HAVE MINIMUM CENTER TO CENTER SPACING AND EDGE DISTANCES OF THREE TIMES THE NOMINAL SCREW DIAMETER. TYPICAL FRAMING SCREWS SHALL BE #8 x ⅝" LONG WAFER HEAD SELF-DRILLING SCREWS. PANEL SCREWS AT PLYWOOD SHEATHING SHALL BE #8 x 1-1/4" LONG FLAT HEAD. PANEL SCREWS AT GYPSUM BOARD SHEATHING SHALL BE #6 x 1-1/4" LONG FLAT HEAD. PANEL SCREWS SHALL HAVE A MINIMUM HEAD DIAMETER OF 0.292".

44. GYPSUM BOARD SHALL COMPLY WITH ASTM C1396. GYPSUM BOARD FOR SHEARWALLS SHALL BE APPLIED AS FOLLOWS: (1) GYPSUM BOARD BE APPLIED VERTICALLY WITH ALL EDGES ATTACHED TO FRAMING MEMBERS, OR (2) GYPSUM BOARD SHALL BE APPLIED HORIZONTALLY, WITH STRAP BLOCKING BEHIND THE HORIZONTAL JOINT AND WITH SOLID BLOCKING BETWEEN THE FIRST TWO END STUDS AT EACH END OF THE SHEARWALL.

45. PLYWOOD SHEATHING SHALL BE APA RATED, GRADE C-D, EXTERIOR GLUE OR STRUCTURAL II, EXTERIOR GLUE IN CONFORMANCE WITH IBC 2304.7 AND TABLE 2304.7(2). ORIENTED STRAND BOARD OF EQUIVALENT THICKNESS, EXPOSURE RATING AND PANEL INDEX MAY BE USED IN LIEU OF PLYWOOD.

    FLOOR SHEATHING SHALL BE 3/4" (NOMINAL) WITH SPAN RATING 48/24.
    WALL SHEATHING SHALL BE 1/2" (NOMINAL) WITH SPAN RATING 24/0.

WOOD

46. FRAMING LUMBER SHALL BE KILN DRIED OR MC-19, AND GRADED AND MARKED IN CONFORMANCE WITH W.C.L.B. STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 17. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

JOISTS AND STUDS:	(2X & 3X MEMBERS)	DOUGLAS FIR NO. 2 MINIMUM BASE VALUE, Fb = 850 PSI
BEAMS:	(4X MEMBERS)	DOUGLAS FIR NO. 1 MINIMUM BASE VALUE, Fb = 1000 PSI
LARGE BEAMS:	(INCL. 6X AND LARGER)	DOUGLAS FIR NO. 1 MINIMUM BASE VALUE, FB = 1350 PSI
POSTS:	(4X MEMBERS)	DOUGLAS FIR NO. 1 MINIMUM BASE VALUE, FC = 1300 PSI
	(6X AND LARGER)	DOUGLAS FIR NO. 1 MINIMUM BASE VALUE, FC = 1000 PSI

47. GLUED LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH AITC 117 AND APA-EWS Y117 STANDARDS, STRESS CLASS 24F-1.8E. EACH MEMBER SHALL BEAR AN A.I.T.C. IDENTIFICATION MARK AND SHALL BE ACCOMPANIED BY AN A.I.T.C. CERTIFICATE OF CONFORMANCE. ALL SIMPLE SPAN BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V4, Fb = 2,400 PSI, Fv = 265 PSI. ALL CANTILEVERED BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V8, Fb = 2,400 PSI, Fv = 265 PSI. CAMBER ALL SIMPLE SPAN GLULAM BEAMS TO 3,500 RADIUS OR ZERO CAMBER, UNLESS SHOWN OTHERWISE.

48. ALL WOOD IN DIRECT CONTACT WITH CONCRETE OR MASONRY, EXPOSED TO WEATHER, OR THAT REST ON EXTERIOR FOUNDATION WALLS AND ARE LOCATED WITHIN 8" OF EARTH, SHALL BE PRESSURE-TREATED WITH AN APPROVED PRESERVATIVE OR (2) LAYERS OF ASPHALT IMPREGNATED BUILDING PAPER SHALL BE PROVIDED BETWEEN UNTREATED WOOD AND CONCRETE OR MASONRY. NAILS, SCREWS, BOLTS W/NUTS AND WASHERS, ANCHOR BOLTS, HOLDOWNS AND ANY OTHER STEEL DEVICES IN DIRECT CONTACT WITH THE TREATED WOOD SHALL BE EITHER STAINLESS STEEL OR GALVANIZED PER THE MANUFACTURER TO PREVENT DIRECT CONTACT BETWEEN THE STEEL AND THE TREATED WOOD. TAPED AND PAINTED SEPARATION TECHNIQUES MUST BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND RECEIVE PRIOR APPROVAL FROM THE ARCHITECT AND ENGINEER.

49. TIMBER CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE "STRONG-TIE" BY SIMPSON COMPANY, AS SPECIFIED IN THEIR MOST RECENT CATALOG. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICBO APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, PLACE ONE-HALF OF THE NAILS OR BOLTS IN EACH MEMBER. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. UNLESS NOTED OTHERWISE, ALL NAILS SHALL BE AS CALLED OUT BELOW. ALL SHIMS SHALL BE SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED.

50. WOOD FASTENERS

    A. NAIL SIZES SPECIFIED ON DRAWINGS ARE BASED ON THE FOLLOWING SPECIFICATIONS:

SIZE	LENGTH	DIAMETER
8d	2-1/2"	0.131"
10d	3"	0.131"
12d	3-1/4"	0.148"
16d BOX	3-1/2"	0.135"

    IF CONTRACTOR PROPOSES THE USE OF ALTERNATE NAILS, THEY SHALL SUBMIT NAIL SPECIFICATIONS TO THE STRUCTURAL ENGINEER (PRIOR TO CONSTRUCTION) FOR REVIEW AND APPROVAL.

    NAILS - PLYWOOD (APA RATED SHEATHING) FASTENERS TO FRAMING SHALL BE DRIVEN FLUSH TO FACE OF SHEATHING WITH NO COUNTERSINKING PERMITTED.

    B. BOLTS - ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG BOLTS BEARING ON WOOD. INSTALLATION OF LAG BOLTS SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH A LEAD BORE HOLE OF 60-70% OF THE SHANK DIAMETER. LEAD HOLES ARE NOT REQUIRED FOR 3/8" DIA AND SMALLER LAG SCREWS.

    C. SDS SERIES WOOD SCREWS CALLED OUT ON PLAN SHALL BE "SIMPSON STRONG-DRIVE" WOOD SCREWS BY THE SIMPSON STRONG-TIE COMPANY, AND INSTALLED IN STRICT ACCORDANCE TO ICC-ES REPORT ESR-2236. EQUIVALENT SCREWS BY OTHER MANUFACTURERS MAY BE SUBSTITUTED PROVIDED THEY HAVE CURRENT ICC APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. LAG SCREWS ARE NOT AN EQUIVALENT SUBSTITUTION. UNLESS NOTED OTHERWISE, A MINIMUM EMBEDMENT OF 2.5 INCHES SHALL BE PROVIDED.

CAD NO. R1200-35NW-2024-23

DATE
APP.
INT.
REVISIONS
NO.

ACTION	BY	DATE
DESIGNED	RC	3/10/2023
DRAWN	RC	3/10/2023
CHECKED (FIELD)		
CHECKED (HDQTS.)		

PROJECT ENGINEER

WASHINGTON
STATE
PARKS
AND
RECREATION
COMMISSION

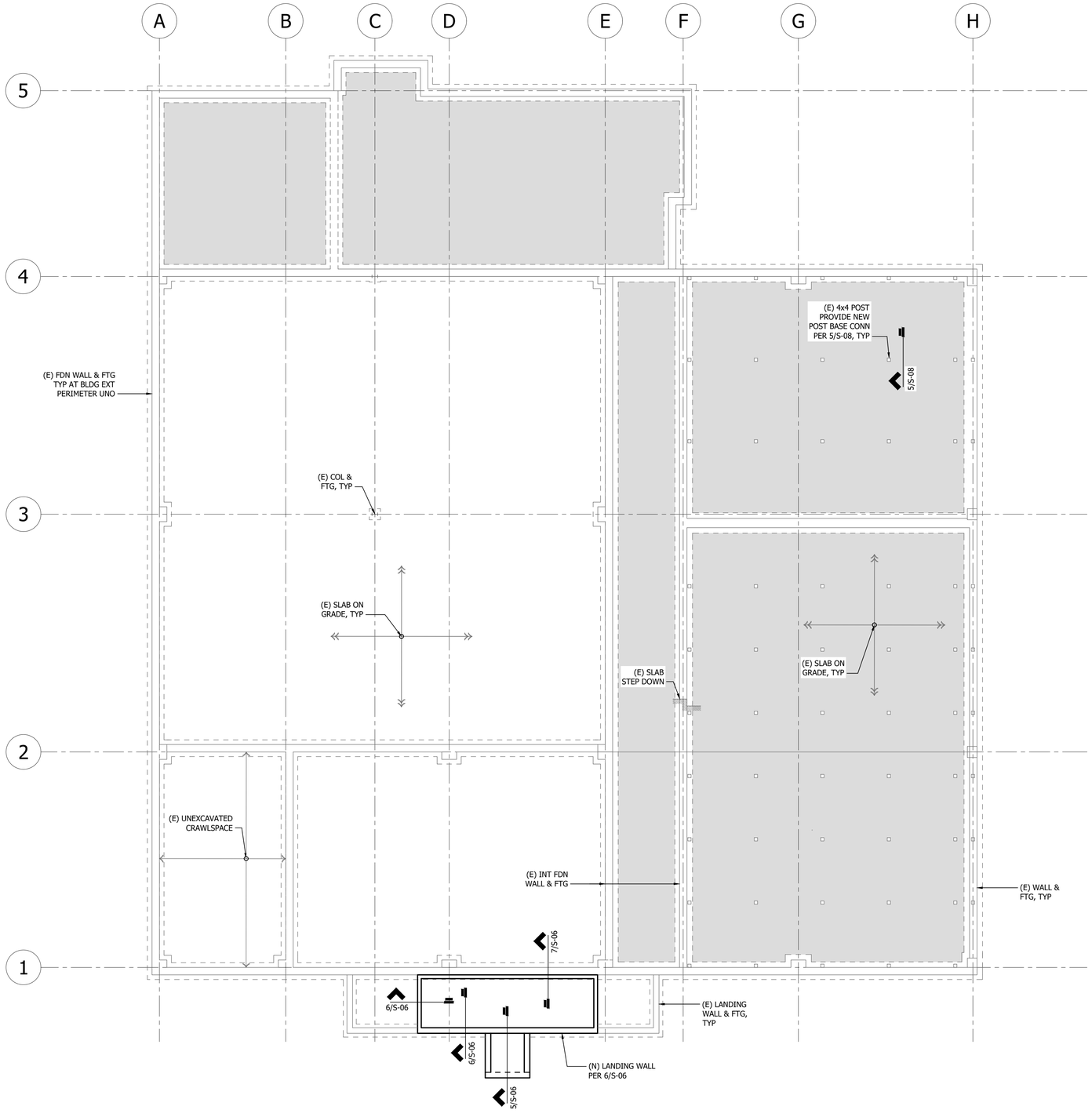
WASHINGTON STATE PARKS NW REGION

HQ REMODEL

GENERAL STRUCTURAL NOTES
S-01

SCALE

PARKS FILE#



FOUNDATION PLAN

SCALE: $\frac{3}{16}$" = 1'-0"

N

FOUNDATION PLAN NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, FINISH GRADES, AND TOP OF WALL ELEVATIONS.
2. EXISTING CONDITIONS ARE ASSUMED AND SHOULD BE VERIFIED BY THE CONTRACTOR. WHERE DISCOVERED CONDITIONS VARY FROM THOSE SHOWN ON PLANS, CONTRACTOR SHALL CONTACT THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
3. SLAB ON GRADE WITH THICKNESS AND REINFORCING PER PLAN. PLACE ON MIN 6" OF GRAVEL OR CRUSHED ROCK OVER FIRM UNDISTURBED SOIL OR ENGINEERED COMPACTED BACK-FILL. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL SOIL PLACEMENT & SUBGRADE PREPARATION INFO.
4. BOTTOM OF ALL NEW FOOTINGS SHALL BE 18" MINIMUM BELOW ADJACENT GRADE, UNO.
5. ALL FOOTINGS MUST BE CENTERED ON LOADS ABOVE AND PLACED ON FIRM UNDISTURBED SOIL OR ENGINEERED COMPACTED BACKFILL. REFER TO FOOTING SCHEDULE FOR SIZE AND REINFORCEMENT REQUIREMENTS AT ALL PAD FOOTINGS.
6. REFER TO GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS.

LEGEND

- NEW CONCRETE WALL/SLAB
- NEW CONCRETE FOOTING (HIDDEN BELOW SLAB/GRADE)
- EXISTING CONCRETE WALL/SLAB
- EXISTING CONCRETE FOOTING (HIDDEN BELOW SLAB/GRADE)
- AREA NOT INCLUDED IN SCOPE OF WORK

CAD NO. R1200-35NW-2024-24

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	RC	3/10/2023
DRAWN	RC	3/10/2023
CHECKED (FIELD)		
CHECKED (HDQTS.)		

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

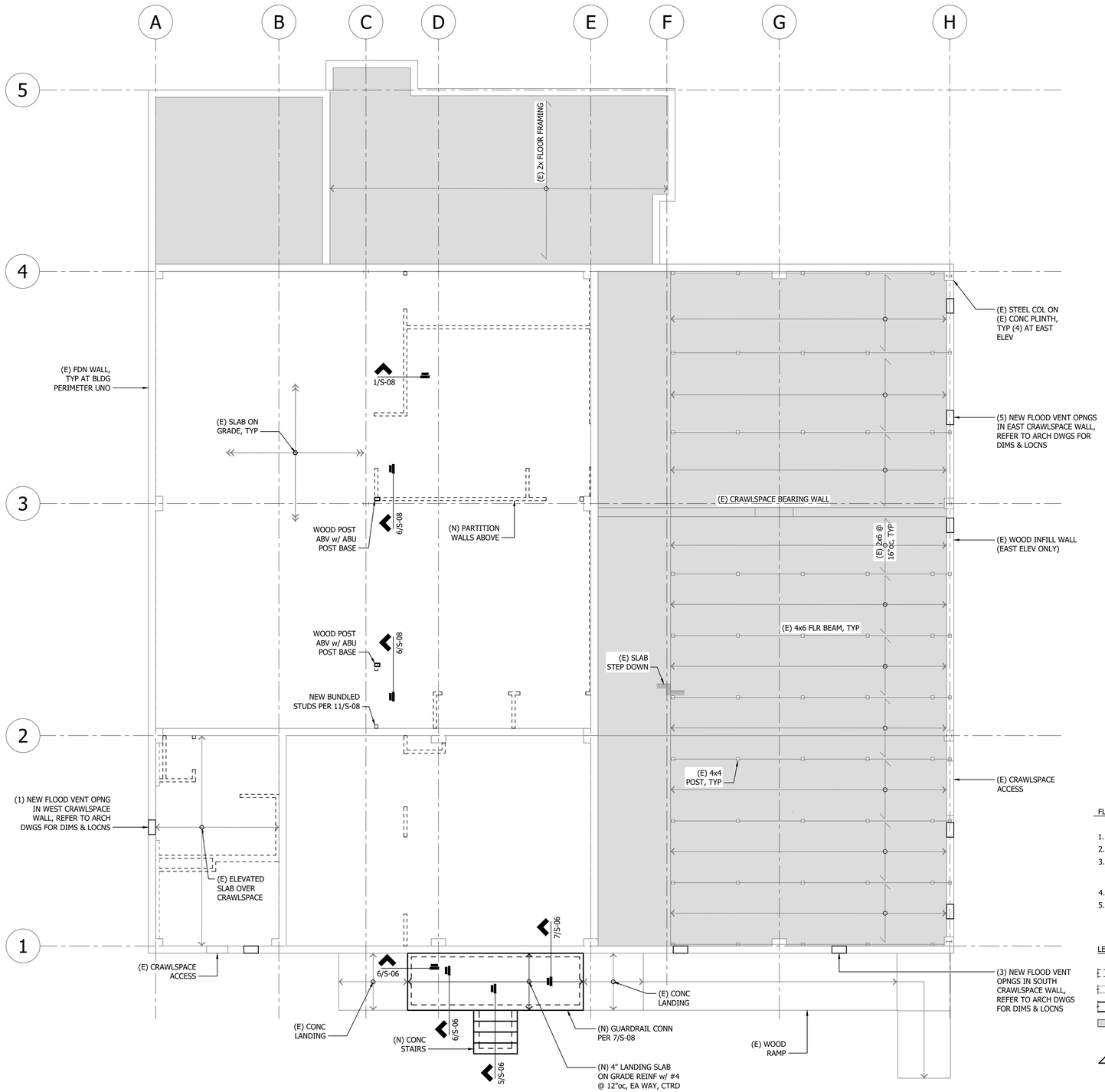
WASHINGTON STATE PARKS NW REGION

HQ REMODEL

FOUNDATION PLAN S-02

SCALE

PARKS FILE#



FLOOR FRAMING PLAN

SCALE: $\frac{3}{16}$" = 1'-0"

FLOOR FRAMING PLAN NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
2. PLAN INDICATES FRAMING AT FLOOR LEVEL AND WALLS/POSTS BELOW.
3. EXISTING CONDITIONS ARE ASSUMED AND SHOULD BE VERIFIED BY THE CONTRACTOR. WHERE DISCOVERED CONDITIONS VARY FROM THOSE SHOWN ON PLANS, CONTRACTOR SHALL CONTACT THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
4. PROVIDE SOLID BEARING UNDER ALL POINT LOADS ABOVE.
5. REFER TO GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS.

LEGEND

- NEW WALL FRAMING ABOVE
- EXISTING CONCRETE WALL/SLAB BELOW
- NEW CONCRETE WALL/SLAB BELOW
- AREA NOT INCLUDED IN SCOPE OF WORK
- SPAN DIRECTION OF FRAMING
- EXTENT OF FRAMING

N

SHEET 25 OF 44

CAD NO. R1200-35NW-2024-25

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	RC	3/10/2023
DRAWN	RC	3/10/2023
CHECKED (FIELD)		
CHECKED (HDQTS.)		

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

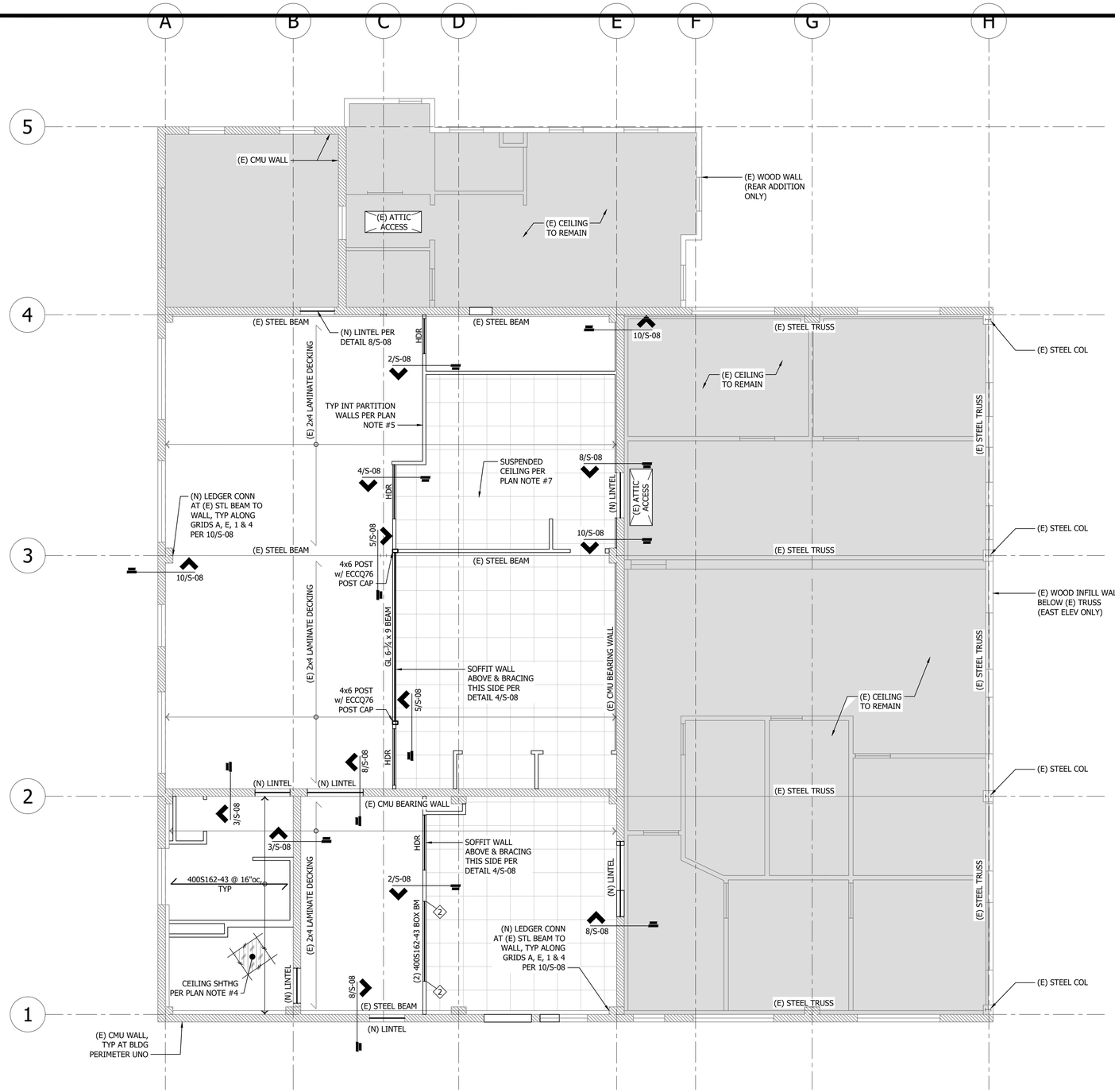
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

FLOOR FRAMING PLAN
S-03

SCALE

PARKS FILE#



CEILING FRAMING PLAN

SCALE: $\frac{3}{16}$" = 1'-0"

N

CEILING FRAMING PLAN NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
2. PLAN INDICATES FRAMING AT CEILING LEVEL AND WALLS/POSTS BELOW.
3. EXISTING CONDITIONS ARE ASSUMED AND SHOULD BE VERIFIED BY THE CONTRACTOR. WHERE DISCOVERED CONDITIONS VARY FROM THOSE SHOWN ON PLANS, CONTRACTOR SHALL CONTACT THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
4. CEILING JOISTS SHALL BE SHEATHED WITH GYPSUM BOARD INSTALLED WITH #8 SCREWS @ 12"OC (MINIMUM) AT ALL PANEL EDGES AND TO INTERMEDIATE SUPPORTS. AT JOIST SPANS GREATER THAN 12'-0"OC, PROVIDE GYPSUM BOARD SHEATHING ON BOTH TOP AND BOTTOM SIDES OF JOISTS. FULL DEPTH BLOCKING SHALL BE INSTALLED AT THE FIRST AND LAST JOIST BAYS AND AT INTERMEDIATE BAYS WITH MAXIMUM SPACING OF 12'-0" OC. PLACE LONG DIRECTION OF GYPSUM BOARD PERPENDICULAR TO JOIST FRAMING DIRECTION, STAGGER PANEL JOINTS.
5. TYPICAL INTERIOR STUD WALLS SHALL BE **350S162-43 MIL STUDS @ 16"OC**. WALL SHEATHING SHALL BE ⅝" GYPSUM BOARD SHEATHING ON EACH FACE OF STUDS w/ #6 x 1-1/2" LONG FLATHEAD SCREWS @ 8"OC AT ALL PANEL EDGES, AND @ 12"OC IN THE FIELD OF THE PANEL. ALLOW ⅛" SPACING AT ALL PANEL EDGES AND ENDS. ATTACH EACH STUD TO EACH TRACK WITH #8 SCREW AT EACH FLANGE. BLOCK ALL PANEL EDGES. REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL WALL FRAMING REQUIREMENTS.
6. PROVIDE SOLID BEARING UNDER ALL POINT LOADS ABOVE. TYPICAL HEADERS OVER DOOR OPENINGS (**HDR**) SHALL BE **(2) 350S162-43** PER DETAIL 9/S2-07. UNLESS NOTED OTHERWISE, PROVIDE (2) STUDS AT EACH END OF BEAM/HEADER.
7. SUSPENDED CEILING ATTACHMENT PER DETAILS 1 TO 4 ON SHEET S-07. REFER TO ARCH DRAWINGS FOR ASSEMBLY & EXTENT OF AREA.
8. NO PENETRATIONS TO OCCUR IN EXISTING CONCRETE OR CMU WALLS WITHOUT PRIOR APPROVAL OF ENGINEER. CONTRACTOR TO PROVIDE COORDINATED DRAWINGS OF PROPOSED PENETRATIONS FOR ENGINEERS REVIEW.
9. REFER TO GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS.

LEGEND

- NEW WALL FRAMING BELOW
- EXISTING WALL FRAMING BELOW
- EXISTING CMU WALL BELOW
- AREA NOT INCLUDED IN SCOPE OF WORK
- MINIMUM NUMBER OF BEARING STUDS
- SPAN DIRECTION OF FRAMING
- EXTENT OF FRAMING

CAD NO. R1200-35NW-2024-26

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	RC	3/10/2023
DRAWN	RC	3/10/2023
CHECKED (FIELD)		
CHECKED (HDQTS.)		

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

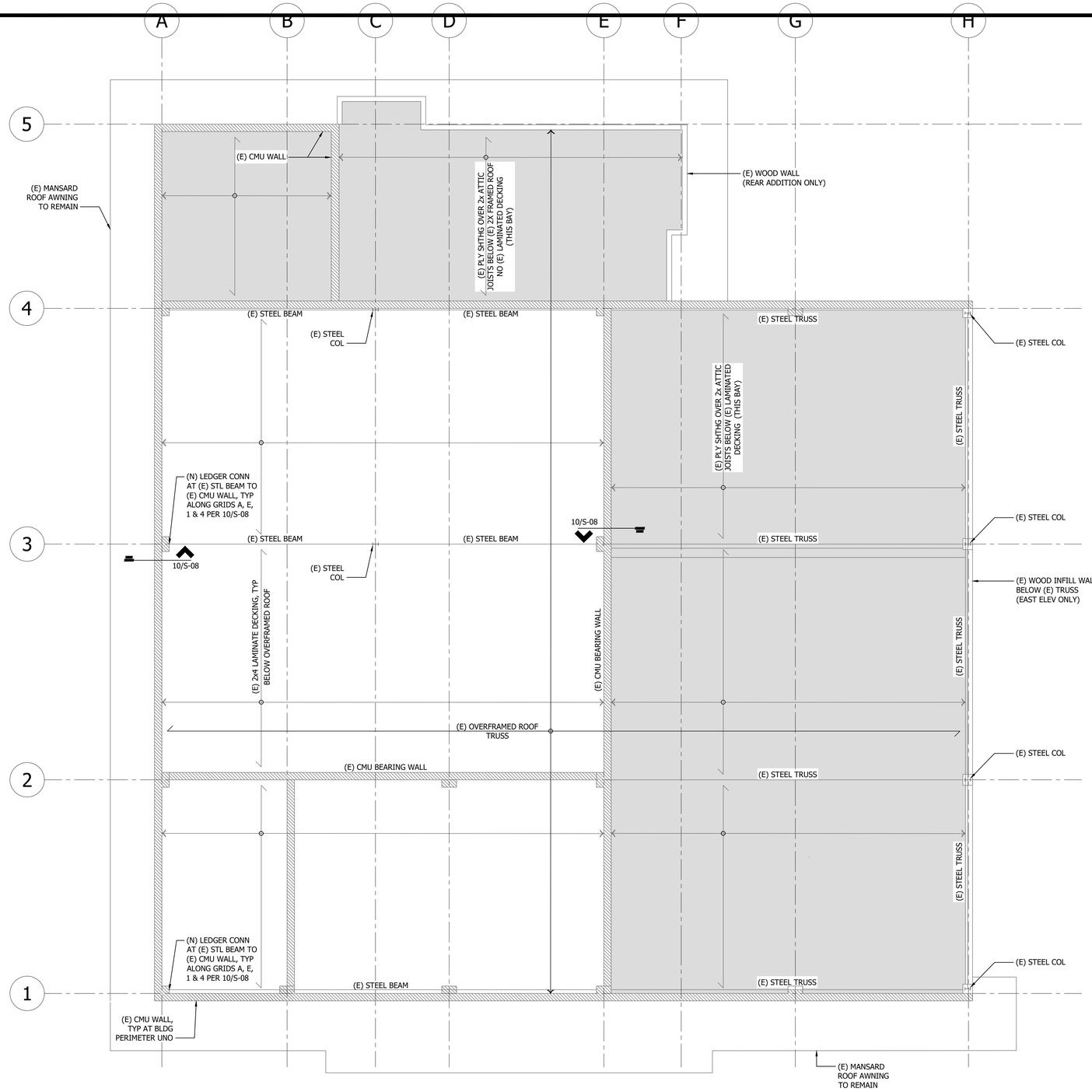
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

CEILING FRAMING PLAN
S-04

SCALE

PARKS FILE#



ROOF FRAMING PLAN NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, ROOF SLOPES & ANGLES.
2. PLAN INDICATES FRAMING AT ROOF LEVEL AND WALLS/POSTS BELOW.
3. EXISTING CONDITIONS ARE ASSUMED AND SHOULD BE VERIFIED BY THE CONTRACTOR. WHERE DISCOVERED CONDITIONS VARY FROM THOSE SHOWN ON PLANS, CONTRACTOR SHALL CONTACT THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
4. REFER TO GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS.

LEGEND

- NEW WALL FRAMING BELOW
- EXISTING WALL FRAMING BELOW
- EXISTING CMU WALL BELOW
- AREA NOT INCLUDED IN SCOPE OF WORK
- SPAN DIRECTION OF FRAMING
- EXTENT OF FRAMING

ROOF FRAMING PLAN

SCALE: $\frac{3}{16}$" = 1'-0"

N

SHEET 27 OF 44

CAD NO. R1200-35NW-2024-27

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	RC	3/10/2023
DRAWN	RC	3/10/2023
CHECKED (FIELD)		
CHECKED (HDQTS.)		

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

ROOF FRAMING PLAN
S-05

SCALE

PARKS FILE#

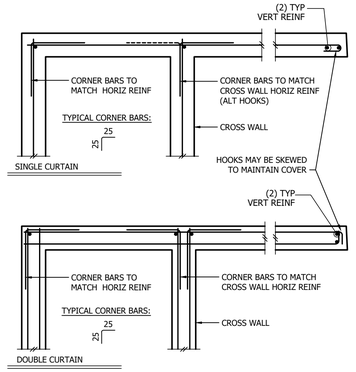
℄	centerline	FTG	footing	pcf	pounds per cubic foot
Ø	diameter	ga	gauge, gage	PERP	perpendicular
+/-	PLUS OR MINUS	GALV	galvanized	plf	pounds per lineal foot
AB	anchor bolt	GL	glue-laminated beam	PLY	plywood
ADDL	additional	GT	girder truss	PREFAB	prefabricated
ALT	alternate	GWB	gypsum wallboard	psf	pounds per square foot
APPROX	approximate	HD	holdown	psi	pounds per square inch
ARCH	architect, architectural	HDR	header	PSL	parallel strand lumber
BLK, BLKG	block, blocking	HF	hem fir	PT	pressure treated lumber
BM	beam	HGR	hanger	REINF	reinforce, reinforcing
BOT	bottom	HORIZ	horizontal	REF	reference
BTWN	between	HSS	hollow structural section	REQD	required
CLR	clearance, clear	HT	height	SCHED	schedule, scheduled
CMU	concrete masonry unit	IBC	International Building Code	SECT	section
COL	column			SER	Structural Engineer of Record
CONC	concrete	IF	inside face	SHTG	sheathing
CONN	connection, connect	INT	interior	SIM	similar
CONT	CONTINUOUS	JT	joint	SOG	slab on grade
CTR, CTRD	center, centered	k, kip	1,000 pounds	SPECS	specifications
DBL	double	ksi	kips per square inch	SQ	square
DET	detail	lb, #	pound	STD	standard
DF	douglas fir	L	length	STL	steel
DIA	diameter	LLH	long leg horizontal	STRUCT	structural
DIM	dimension	LLV	long leg vertical	SW	shear wall
DS	drag strut	LONGIT	longitudinal	T&B	top and bottom
DWG	drawing	LSL	laminated structural lumber	T&G	tongue-and-groove
DWL	dowels	LVL	laminated veneer lumber	TEMP	temperature; temporary
(E)	existing	MAX	maximum	THRD	threaded
EA	each	MECH	mechanical	TRANS	transverse
EF	each face	MFR	manufacturer	TPL	triple
EL	elevation	MIN	minimum	TYP	typical
EMBED	embedded, embedment	MISC	miscellaneous	UNO	unless noted otherwise
ENGR	engineer	N	north	V, VERT	vertical
EQ	equal	NO, #	number	w/	with
ES	each side	NTS	not to scale	w/o	without
EW	each way	OC	on center	WF	wide flange
EXP	expansion	OF	outside face	WHS	welded headed stud
EXT	exterior	OPNG	opening	WWF	welded-wire fabric
FDN	foundation	OPP	opposite (hand)		
FRMG	framing	OPT	option; optional		
ft	foot, feet				

1 ABBREVIATIONS
NOT TO SCALE

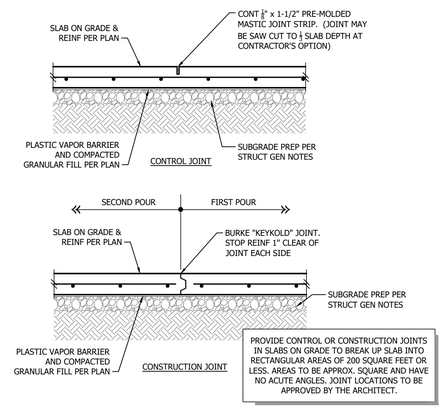
REINFORCING BAR LAP SPLICE & DEVELOPMENT LENGTH TABLE
f'_c = 4,000 psi GRADE 60 REINFORCING

BAR SIZE	MIN LAP SPLICE LENGTHS (Ls)		MIN STRAIGHT DEVELOPMENT LENGTHS (Ld)		MIN HOOKED BAR EMBEDMENT LENGTHS (Ldh)
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	
#3	25"	20"	20"	15"	6"
#4	32"	25"	25"	19"	7"
#5	41"	31"	31"	24"	8"
#6	49"	38"	38"	29"	10"
#7	71"	55"	55"	42"	12"
#8	81"	62"	62"	48"	13"

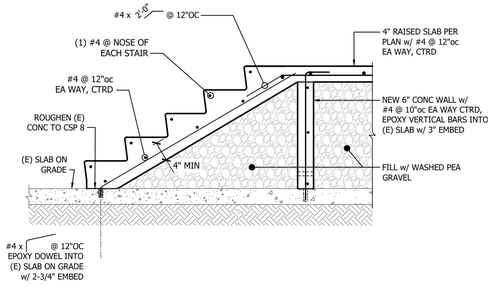
2 REINFORCING BAR SCHEDULE
NOT TO SCALE



3 CORNER BARS AT CONCRETE WALLS & FOOTINGS
NOT TO SCALE

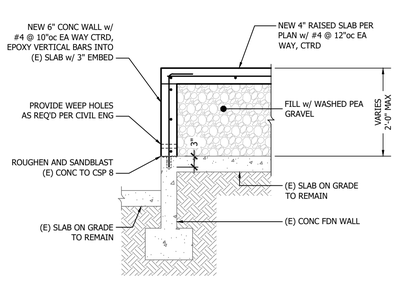


4 TYPICAL SLAB JOINTS
NOT TO SCALE



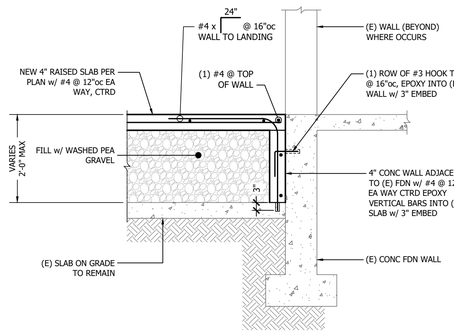
NOTES:
1. REFER TO ARCH DRAWINGS FOR TREAD & RISER SIZES.

5 OVERFRAMED CONCRETE STAIRS
NOT TO SCALE



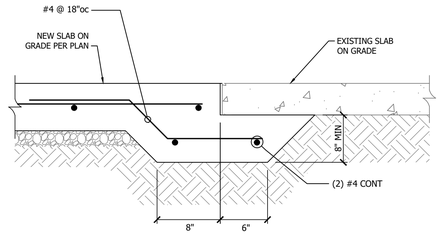
NOTES:
1. REFER TO ARCH DRAWINGS FOR CONCRETE SLOPE, ELEVATION, & EXTENTS.

6 SECTION AT NEW OVERFRAMED LANDING SLAB
NOT TO SCALE



NOTES:
1. REFER TO ARCH DRAWINGS FOR CONCRETE SLOPE, ELEVATION, & EXTENTS.

7 NEW LANDING SLAB AT EXISTING FOUNDATION WALL
NOT TO SCALE



8 TYPICAL SLAB JOINT AT EXISTING SLAB
NOT TO SCALE

SHEET 28 OF 44

CAD NO. R1200-35NW-2024-28

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	RC	3/10/2023
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CHECKED (FIELD)		
CHECKED (HDQTS.)		

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

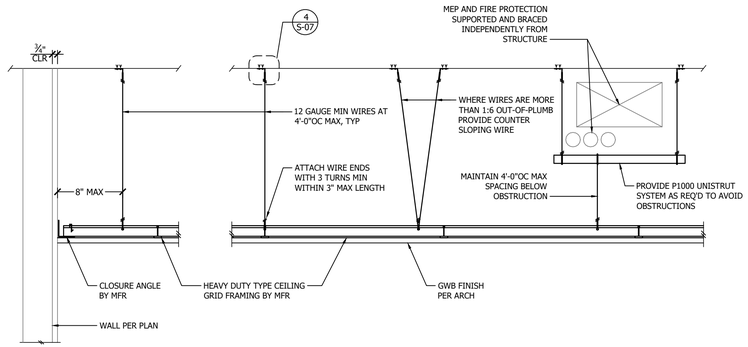
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

TYPICAL CONCRETE DETAILS
S-06

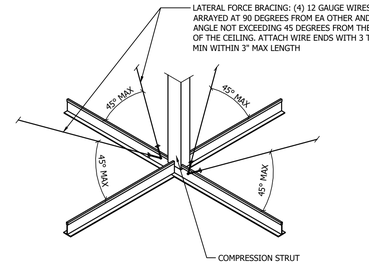
SCALE

PARKS FILE#



1 *TYPICAL CEILING FRAMING DETAILS*

NOT TO SCALE

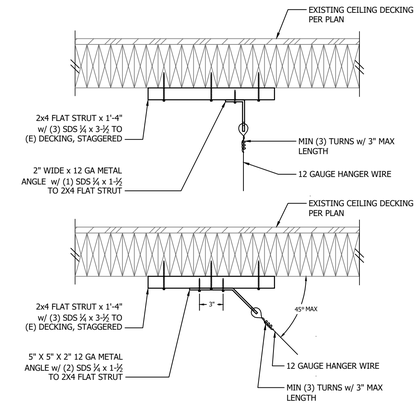


NOTES:
1. LOCATE BRACING AT 12'-0"OC MAX AND WITHIN 6'-0" OF PERIMETER WALLS, PARTITIONS, OR EXPANSION JOINTS.

2. FOR COMPRESSION STRUTS LESS THAN OR EQUAL TO 6'-0", USE 20 GAUGE 1-5/8" STRUT ATTACHED TO MAIN TEE W/ (2) #8 SCREWS, FOR STRUTS UP TO 9'-0" USE DOUBLE COMPRESSION STRUTS.

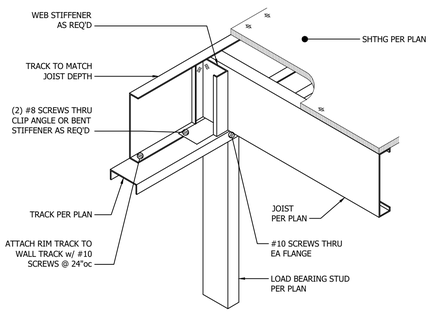
3 *CEILING LATERAL FORCE BRACING*

NOT TO SCALE



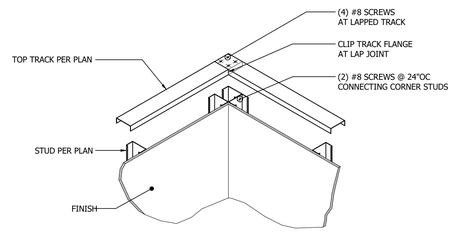
4 *CEILING ATTACHMENT TO STRUCTURE*

NOT TO SCALE



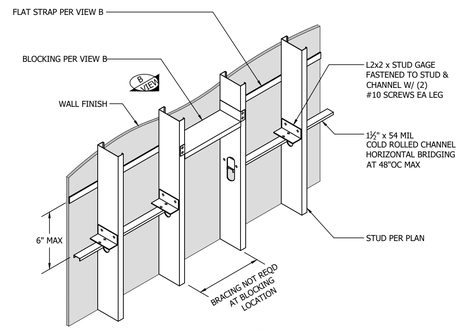
5 *FLOOR TO LOAD BEARING WALL CONNECTION*

NOT TO SCALE

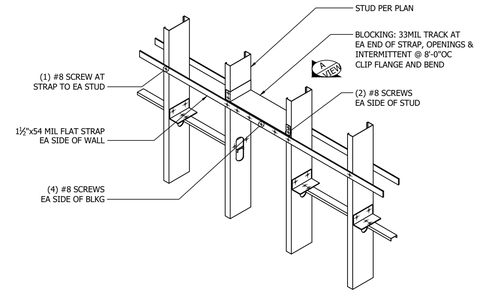


6 *TYPICAL CORNER FRAMING*

NOT TO SCALE



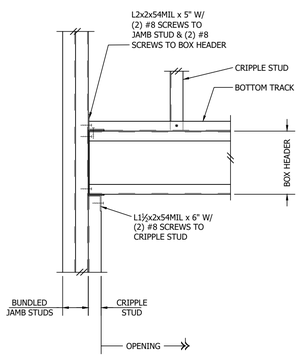
VIEW A
CHANNEL BRIDGING

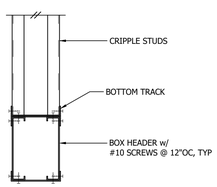


VIEW B
STRAP BRIDGING

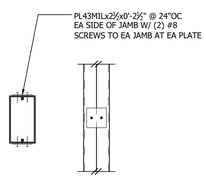
7 *TYPICAL WALL BRACING AND BLOCKING*

NOT TO SCALE





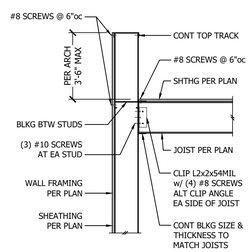
HEADER DETAIL



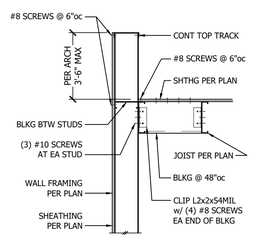
JAMB DETAILS

9 *TYPICAL DOOR JAMB AND HEADER DETAIL*

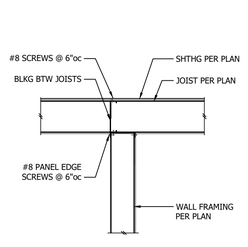
NOT TO SCALE



JOISTS PERPENDICULAR



JOISTS PARALLEL



CONTINUOUS JOIST

11 *TYPICAL CEILING JOIST TO WALL FRAMING*

NOT TO SCALE

CAD NO. R1200-35NW-2024-29

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	RC	3/10/2023
DRAWN	RC	3/10/2023
CHECKED (FIELD)		
CHECKED (HDQTS.)		

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

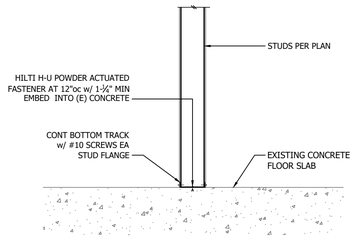
WASHINGTON STATE PARKS NW REGION

HQ REMODEL

TYPICAL FRAMING DETAILS S-07

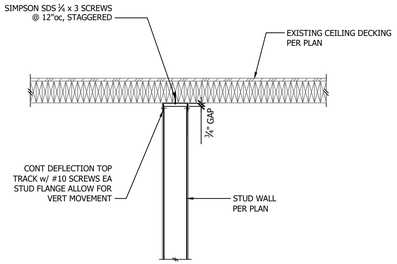
SCALE

PARKS FILE#



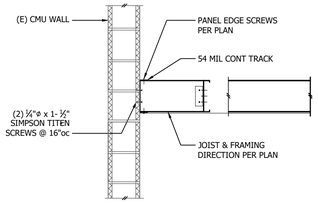
1 INTERIOR STUD WALL - BOTTOM TRACK ATTACHMENT

NOT TO SCALE



2 INTERIOR STUD WALL - TOP TRACK ATTACHMENT

NOT TO SCALE

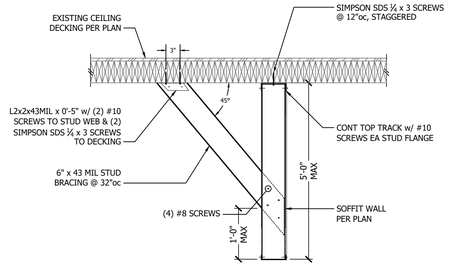


NOTES:

1. REFER TO DETAIL 11/S-07 FOR ADDITIONAL CEILING CFS JOIST FRAMING INFORMATION

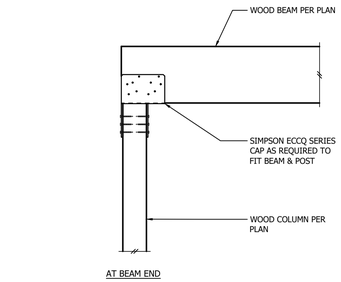
3 CFS FRAMING ATTACHMENT AT EXISTING CMU WALL

NOT TO SCALE



4 FRAMING AT SOFFIT WALL

NOT TO SCALE

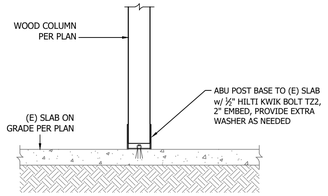


NOTES:

1. AT VARIED BEAM SIZES, PROVIDE SOLID FULL DEPTH SHIM TO EXTEND MIN 3" BEYOND CAP. ALL SHIMS SHALL BE SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED.

5 TYPICAL WOOD BEAM TO WOOD COLUMN

NOT TO SCALE

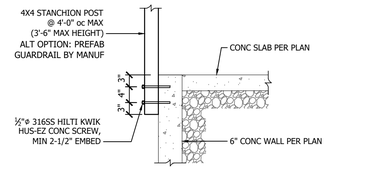


NOTE:

1. CONTRACTOR TO VERIFY THAT EXISTING SLAB IS IN SOUND CONDITION

6 WOOD COLUMN AT EXISTING SLAB ON GRADE

NOT TO SCALE

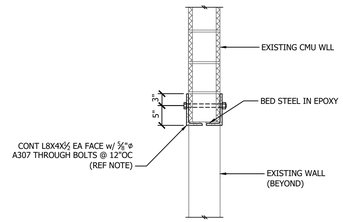


NOTES:

1. REFER TO DETAIL 6/S-06 FOR ADDITIONAL CONCRETE & REINF INFO NOT SHOWN

7 GUARDRAIL POST CONN AT CONC LANDING

NOT TO SCALE

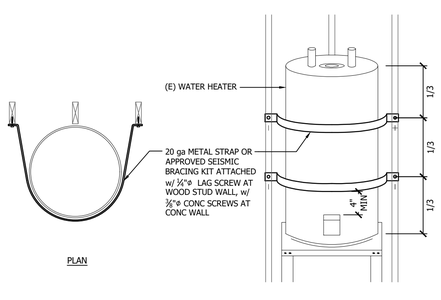


NOTES:

1. EXTEND VERTICAL LEG OF ANGLE 18" MIN OR (2) BOLTS BEYOND END OF OPENING.

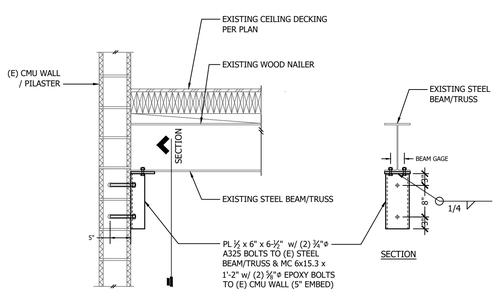
8 CMU LINTEL AT EXISTING WALL OPENINGS

NOT TO SCALE



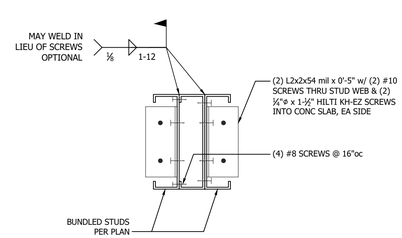
9 WATER HEATER BRACING

NOT TO SCALE



10 NEW CONNECTION BETWEEN (E) BEAM & (E) CMU WALL

NOT TO SCALE



11 BUNDLED STUD BOTTOM CONNECTION

NOT TO SCALE

SHEET 30 OF 44

CAD NO. R1200-35NW-2024-30

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	RC	3/10/2023
DRAWN	RC	3/10/2023
CHECKED (FIELD)		
CHECKED (HDQTS.)		

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

STRUCTURAL FRAMING DETAILS
S-08

SCALE

PARKS FILE#

MECHANICAL SYMBOLS LEGEND

SYMBOL	ABBR.	SYMBOL
		MECHANICAL EQUIPMENT
		DIFFUSER/GRILLE TYPE CFM
		DETAIL NUMBER
		SHT. WHERE DETAIL IS DRAWN
		FLAG NOTE
		REVISION NOTE
T		THERMOSTAT, MOUNT @ 4'-6" A.F.F.
S		TEMPERATURE SENSOR
SD		DUCT SMOKE DETECTOR
		LINED DUCT
		FLEX DUCT
		SUPPLY DUCT
		RETURN OR EXHAUST DUCT
		SUPPLY DIFFUSER / GRILLE
		ROUND SUPPLY DIFFUSER
		RETURN OR EXHAUST GRILLE
	VD	VOLUME DAMPER
M		REMOTE OPERATED VOLUME MOTORIZED CONTROL DAMPER
M		DAMPER
	BDD	BACKDRAFT DAMPER
		FLEX CONNECTION
		TURNING VANES
	AFF	ABOVE FINISHED FLOOR
	NTS	NOT TO SCALE
	AP	ACCESS PANEL
	OBD	OPPOSED BLADE DAMPER
	GSM	GALVANIZED SHEET METAL

GENERAL MECHANICAL NOTES

1. MOUNT ALL SENSORS AND THERMOSTATS 4' ABOVE FLOOR TO CENTER UNLESS NOTED OTHERWISE.
2. DUCTWORK AND EQUIPMENT SHOWN IS DIAGRAMMATIC. COORDINATE AND ROUTE DUCTWORK TO MEET JOB REQUIREMENTS. LOCATION OF EQUIPMENT MUST BE COORDINATED WITH ALL DISCIPLINES BEFORE FINAL LOCATIONS ARE SELECTED. WEIGHTS OF EQUIPMENT MUST BE VERIFIED AND COORDINATED WITH STRUCTURAL SYSTEMS BEFORE EQUIPMENT CAN BE INSTALLED AT JOBSITE.
3. SPACE ALLOCATED FOR MECHANICAL AND OTHER WORK ABOVE THE SUSPENDED CEILINGS IS CRITICAL. LIGHT FIXTURES AND AIR DIFFUSERS HAVE BEEN LOCATED TO ACHIEVE A DEFINITE ARCHITECTURAL EFFECT AND MAY NOT BE CHANGED WITHOUT THE CONSENT OF THE ARCHITECT. BECOME FAMILIAR WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS PRIOR TO FABRICATING AND INSTALLING ANY MATERIALS. HANG DUCTWORK AS CLOSE AS POSSIBLE TO THE STRUCTURE ABOVE, UNLESS INDICATED OTHERWISE.
4. PASSAGES OF PIPES, CONDUITS, BUS DUCTS, CABLES, WIRES, AIRDUCTS, PNEUMATIC DUCTS, AND SIMILAR BUILDINGS SERVICE EQUIPMENT THROUGH FIRE BARRIERS SHALL BE PROTECTED AS FOLLOWS:THE SPACE BETWEEN THE PENETRATING ITEM AND FIRE BARRIER SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE RESISTANCE RATING OF THE FIRE BARRIER PRODUCT. PRODUCT USED MUST MEET TEST METHODS ASTM E814 OR NFPA 251 FOR FIRE RATING.
5. DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND CODES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING.
6. COORDINATE THE LOCATION OF CEILING DIFFUSERS, REGISTERS AND GRILLES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.
7. AIR BALANCE ALL DIFFUSERS & GRILLES WITHIN 10% MAX. DIFFERENCE FROM SHOWN CFM.
8. FLEXIBLE RUNOUTS TO BE SAME SIZE AS DIFFUSER NECK. REFER TO DIFFUSER SCHEDULE.
9. ALL DUCT DIMENSIONS SHOWN ARE CLEAR DIMENSIONS INSIDE DUCT LINER.

GENERAL MECHANICAL NOTES (CONTINUED)

10. ALL FILTERS SHALL BE INSTALLED SO THEY MAY BE EASILY REMOVED AND REPLACED.
11. PROVIDE MIN 42" NEC REQUIRED CLEARANCE IN FRONT OF ELECTRICAL AND CONTROL PANELS ON MECHANICAL EQUIPMENT.
12. SUPPORT ALL NEW AND RELOCATED ITEMS IN ACCORDANCE WITH LATEST SMACNA SEISMIC REQUIREMENTS.
13. SET UP NEGATIVE AIR MACHINES WITH HEPA FILTERS TO CONTAIN CONSTRUCTION DUST AND MAINTAIN NEGATIVE PRESSURE IN WORK AREA.
14. BLANK OFF SUPPLY DIFFUSERS AND RETURN REGISTERS IN ADJACENT AREAS AS REQUIRED TO PREVENT CROSS CONTAMINATION TO OTHER AREAS SERVED BY THE BUILDING CENTRAL HVAC SYSTEM.
15. COORDINATE WITH OWNER TO TURN OFF FANS IN ROOMS WHERE DUST MAY OCCUR.
16. PROTECT ALL CONTROL DEVICES, TEMPERATURE SENSORS, SMOKE ALARMS, ETC IN AREAS WHERE DUST MAY OCCUR.
17. EXISTING BUILDING COMPONENTS ARE NOT SHOWN ON ALL DRAWINGS. LOCATIONS AND SIZES ARE APPROXIMATE.
18. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER. NO WORK SHALL COMMENCE WITHOUT FIELD VERIFICATION BY THE CONTRACTOR.
19. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR AND SUBCONTRACTOR TO REVIEW ALL OF THE CONTRACT DOCUMENTS BEFORE ORDERING ANY MATERIALS OR BEGINNING ANY WORK. EACH CONTRACTOR, SUBCONTRACTOR OR INSTALLER SHALL BE RESPONSIBLE FOR VERIFICATION AND COORDINATION WITH OTHER CONTRACTORS, SUBCONTRACTORS AND INSTALLERS TO ASSURE COMPLIANCE WITH THE CONTRACT DOCUMENTS.
20. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY STRUCTURAL BRACING AS REQUIRED DURING DEMOLITION AND CONSTRUCTION.
21. PROTECT ALL EXISTING BUILDING COMPONENTS, SURFACES AND LANDSCAPING FROM DAMAGE. ANY PORTION OF THE PROJECT TO REMAIN WHICH IS DAMAGED BY THIS CONTRACT SHALL BE RETURNED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
22. ALLOW NO DEBRIS TO ACCUMULATE ON THE SITE. IMMEDIATELY REMOVE ALL DEBRIS AND SALVAGE FROM THE SITE. PROVIDE DUMPSTERS OR DUMP TRUCKS FOR REMOVAL OF DEBRIS. DO NOT DEPOSIT ANYTHING IN WWU TRASH CANS OR DUMPSTERS.
23. WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
24. GUARD AGAINST HAZARDS TO BUILDING OCCUPANTS, PEDESTRIANS AND WORKERS. EXITS, WALKWAYS AND LOADING DOCK MUST REMAIN ACCESSIBLE AT ALL TIMES. PROVIDE TUNNELS TO ENTRANCES AS REQUIRED.
25. THE OWNER WILL PROVIDE ELECTRICAL POWER AND PROVIDE THE CONNECTION TO A BREAKER BOX. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE "SPIDER BOXES" WITH GFI PROTECTION. SEE PROJECT MANUAL SECTION 015000 FOR OTHER ELECTRICAL POWER INFORMATION.
26. THE CONTRACTOR SHALL KEEP ALL BUILDING EXISTS CLEAR AND ACCESSIBLE AT ALL TIMES AND PROVIDE PROTECTIVE ENCLOSURES THROUGH AND / OR BELOW WORK AREAS.

ENERGY CODE NOTES - HVAC

1. SEE SCHEDULE FOR EQUIPMENT TYPE, CAPACITY AND EFFICIENCY. ALL MECHANICAL EQUIPMENT PERFORMANCE SHALL MEET OR EXCEED EFFICIENCY REQUIREMENTS OF 2015 STATE OF WASHINGTON ENERGY CODE (WSEC) TABLES 403.2.
   EQUIPMENT OUTPUT CAPACITIES SHALL NOT BE GREATER THAN THE SMALLEST AVAILABLE EQUIPMENT SIZE THAT EXCEEDS CALCULATED LOADS. SEE LOAD CALCULATION SUMMARY ON BASIS OF DESIGN REPORT FOR HEATING AND COOLING LOADS.
2. PROVIDE DAMPERS FOR EXHAUST FANS WHICH CLOSE AUTOMATICALLY WHEN THE SYSTEM IS OFF, EXCEPT FOR THOSE SYSTEMS WHICH OPERATE CONTINUOUSLY.
3. PROVIDE A MEANS OF BALANCING EVERY AIR SUPPLY OUTLET.
4. SIMULTANEOUS HEATING AND COOLING IN A ZONE IS NOT PERMITTED.
5. DUCTS, SHAFTS AND PLENUMS CONVEYING OSA SHALL MEET THE AIR LEAKAGE AND BUILDING ENVELOPE INSULATION REQUIREMENTS OF WSEC SECTION C402.
6. ALL DUCTWORK SHALL BE CONSTRUCTED AND ERECTED IN ACCORDANCE WITH THE IMC 2018
7. PIPE INSULATION SHALL MEET OR EXCEED WSEC TABLE C403.2.8.
8. ALL ELEC. MOTORS EQUAL TO OR GREATER THAN 1/12HP AND LESS THAN 1.0 HP SHALL BE ELECTRONICALLY COMMUTED MOTORS OR SHALL HAVE A MIN. MOTOR EFFICIENCY OF 70% WHEN RATED IN ACCORDANCE WITH DOE 10 C.F.R. 431.
9. COMMISSIONING OF ALL MECHANICAL SYSTEMS IS REQUIRED. REFER TO WSEC SECTION C408 AND THE "BUILDING COMMISSIONING GUIDELINES" PUBLISHED BY THE "BUILDING COMMISSIONING ASSOCIATION" FOR COMPLETE COMMISSIONING REQUIREMENTS.

ENERGY RECOVERY VENTILATOR

MARK	MAKE	MODEL	SUPPLY FAN TOTAL CFM	SUPPLY FAN ESP " WC	EXHAUST FAN TOTAL CFM	EXHAUST FAN ESP " WC	EFF % TEMP CLG/HTG	EFF % ENTALPHY CLG/HTG	ELECTRICAL VOLT/PH	ELECTRICAL POWER W	ELECTRICAL MCA	ELECTRICAL MOP	SOUND Db(A)	WEIGHT LBS	NOTES
ERV-01	DAIKIN	VAM600GVJU	515	0.5	490	0.5	72 / 70	49 / 60	208V / 1PH	860	4.2	15	42.5	148	1

NOTES:
1. EFFICIENCY IS RATED AT 100% CLG/HTG AND BASED ON ANSI/AHRI STANDARD 1060.

LOUVER SCHEDULE

ITEM	MAKE	MODEL	DESCRIPTION	SIZE (WxH)	FREE AREA- SF	MARK
EXHAUST LOUVER	RUSKIN	ELF375DX	4" DEEP EXTRUDED ALUMINUM W/BIRD SCREEN, W / MOTORIZED DAMPER. COLOR BY ARCHITECT	24"X18"	1.25	LV-1
INTAKE LOUVER	RUSKIN	ELC6375DX	6" DEEP EXTRUDED ALUMINUM LOUVER BAKED ENAMEL FINISH, COLOR BY ARCH MATCH METAL PANEL SIDING W/BIRD SCREEN	24"x18"	1.25	LV-2

FAN COIL UNIT UNIT SCHEDULE

MARK	MAKE	MODEL	OUTDOOR UNIT	AIR FLOW CFM	ESP "WC	COOLING (MBH) TOTAL BTUH	COOLING (MBH) SENS BTUH	COOLING (MBH) EAT (DB/WB) F	COOLING (MBH) OAT (DB/WB) F	COOLING (MBH) SEER	HEATING MBH	HEATING OAT F	ELECTRICAL VOLT/PH	ELECTRICAL POWER WATT / AMP	ELECTRICAL MCA	ELECTRICAL MOCP	WEIGHT LBS	NOTES
FCU-2	DAIKIN	FDXM30WVJU	HP-2	1000	0.15	30,000	23,800	80/67	95/75	14.10	34,000	47.0	208V/1PH	-	2.8	15	102	
FCU-3	DAIKIN	CDXS24LVJU	HP-3	560	0.16	24,000	21,600	80/67	95/75	14.10	24.50	47.0	208V/1PH	160 / 0.90	-	-	66	

NOTES:
1. W/ BRANCH PORT UNIT - 2 PORTS AND SEPARATE 10W, 208V/1 PH, 0.05AMP POWER SUPPLY AT BRANCH PORT.

HEAT PUMP OUTDOOR UNIT SCHEDULE

MARK	MAKE	MODEL	TYPE	COOLING (MBH) TOTAL BTUH	COOLING (MBH) SENS BTUH	COOLING (MBH) EAT DB/WB	COOLING (MBH) OAT F	COOLING (MBH) SEER	HEATING PUMP HTG. BTUH	HEATING OAT F	ELECTRICAL VOLT/PH	ELECTRICAL POWER WATT / AMP	ELECTRICAL MCA	ELECTRICAL MOCP	ELECTRICAL COMP RLA	WEIGHT LBS	NOTES
HP-2	DAIKIN	RXM36WVJU	OUTDOOR	36,000	27,200	80/67	95.0	17.50	40,000	47.0	208V/1PH	-	29.1	35	19	225	1

NOTES:

DIFFUSER AND GRILLE SCHEDULE

ITEM	MAKE	MODEL	DESCRIPTION	SIZE	MARK
CEILING DIFFUSER	TITUS	MCD	FOUR ADJ. CORES, STEEL, OBD, WHITE, FLAT FRAME SURFACE MOUNT. (BORDER 1) (BORDER 3 FOR LAY-IN STYLE)	6"X6"	CD-1
				10"X10"	CD-2
				12"X12"	CD-3
				16"X16"	CD-4
SUPPLY REGISTER	TITUS	300RL	DOUBLE DEFLECTION, STEEL, WHITE	10"x6"	SR-1
				18"X12"	SR-2
RETURN GRILLE	TITUS	350FL	SINGLE DEFLECTION, ALUMINUM WHITE	6"x6"	RG-1
				12"x6"	RG-2
EXHAUST GRILLE	TITUS	50F	1/2"X1/2"X1/2" EGG CRATE, ALUMINUM WHITE	12"x12"	R-1
				24"X12"	R-2
				24"X24"	R-3

DUCT HEATER SCHEDULE

MARK	TYPE	MAKE	CAPACITY	DESCRIPTION	ELECTRICAL VOLT	ELECTRICAL Ph	DUCT DIMENSIONS W X H (INCH)	NOTES
EDC-1	ELECTRIC DUCT HEATER	INDEECO	7.5 KW	SLIP IN	208V	1	14 X 12	1

NOTES:
1. W/ SCR CONTROLS AND DUCT SENSOR

CeGG engineering
CeGG Engineering LLC
1211 N 32nd Street
Renton, WA 98056
tel 206.223.6447

CAD NO. R1200-35NW-2024-31

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

BRIAN C. HATTAWAY
STATE OF WASHINGTON
36131
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 11/30/25

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

MECHANICAL SCHEDULES NOTES & LEGEND

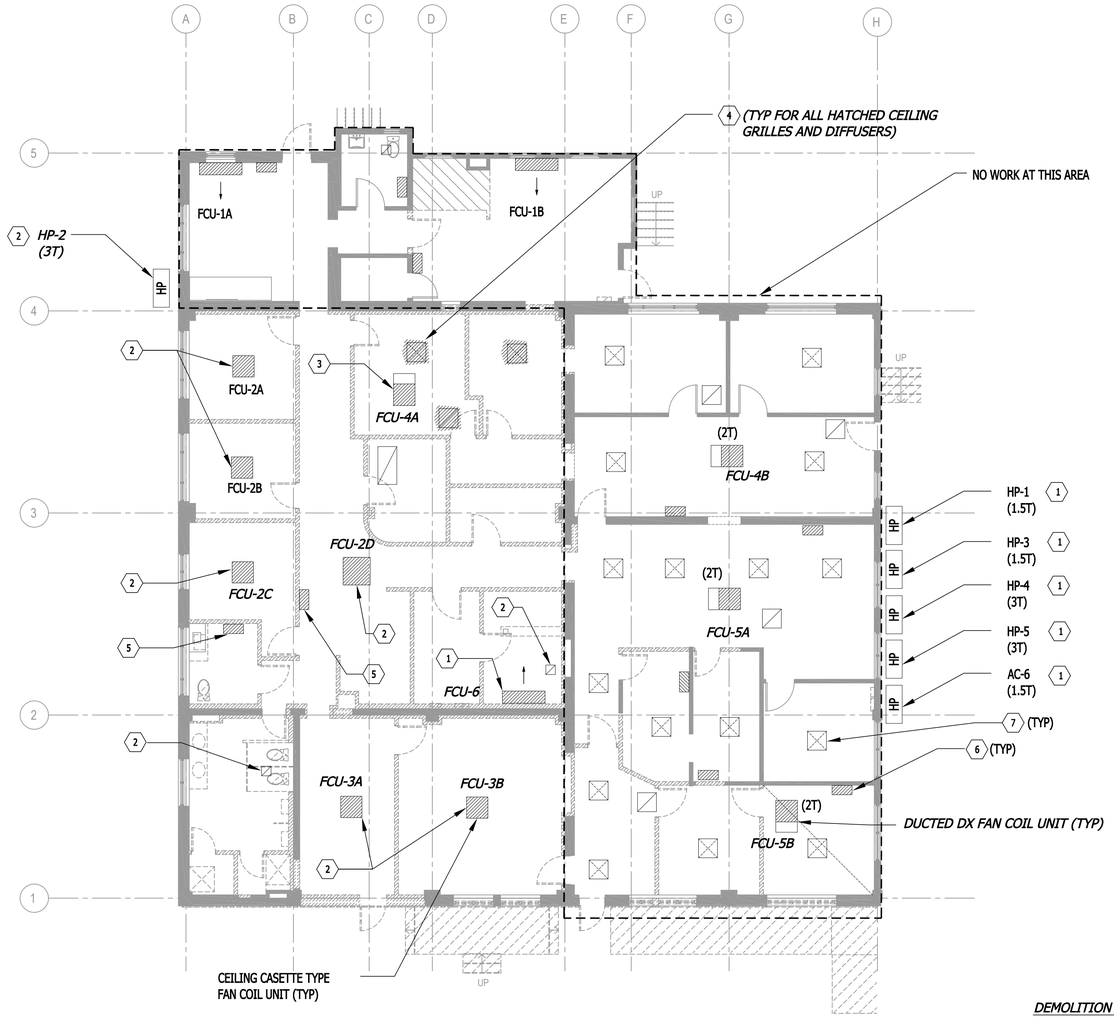
M1.0

SCALE
NONE

PARKS FILE#

CeGG
engineering

CeGG Engineering LLC
1211 N 32nd Street
Renton WA 98056
tel 206.223.6447



1 DEMOLITION PLAN - MECHANICAL

1/8" = 1'-0"

1' 6'
0 3'

DEMOLITION FLAG NOTES

1. *EXISTING HVAC UNIT TO REMAIN IN PLACE.*
2. *REMOVE EXISTING HVAC UNIT WITH ASSOCIATED DUCTWORK AND CONTROLS. DELIVER UNIT TO THE OWNER AT A SECURE LOCATION ON SITE.*
3. *EXISTING HVAC UNIT TO BE REUSED. REMOVE AND STORE IN A CLEAN SAFE LOCATION FOR RE-USE. SEE NEW FLOOR PLANS FOR NEW LOCATION.*
4. *REMOVE EXISTING DIFFUSER, GRILLE AND ASSOCIATED DUCT WORK.*
5. *REMOVE WALL ELECTRIC HEATER. COORDINATE WITH G.C. TO REFINISH WALL TO MATCH NEW OR EXISTING FINISH.*
6. *EXISTING WALL ELECTRIC HEATER TO REMAIN IN PLACE.*
7. *EXISTING CEILING GRILLE AND DIFFUSER REMAIN IN PLACE.*

CAD NO. R1200-35NW-2024-32

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

MECHANICAL DEMOLITION PLAN

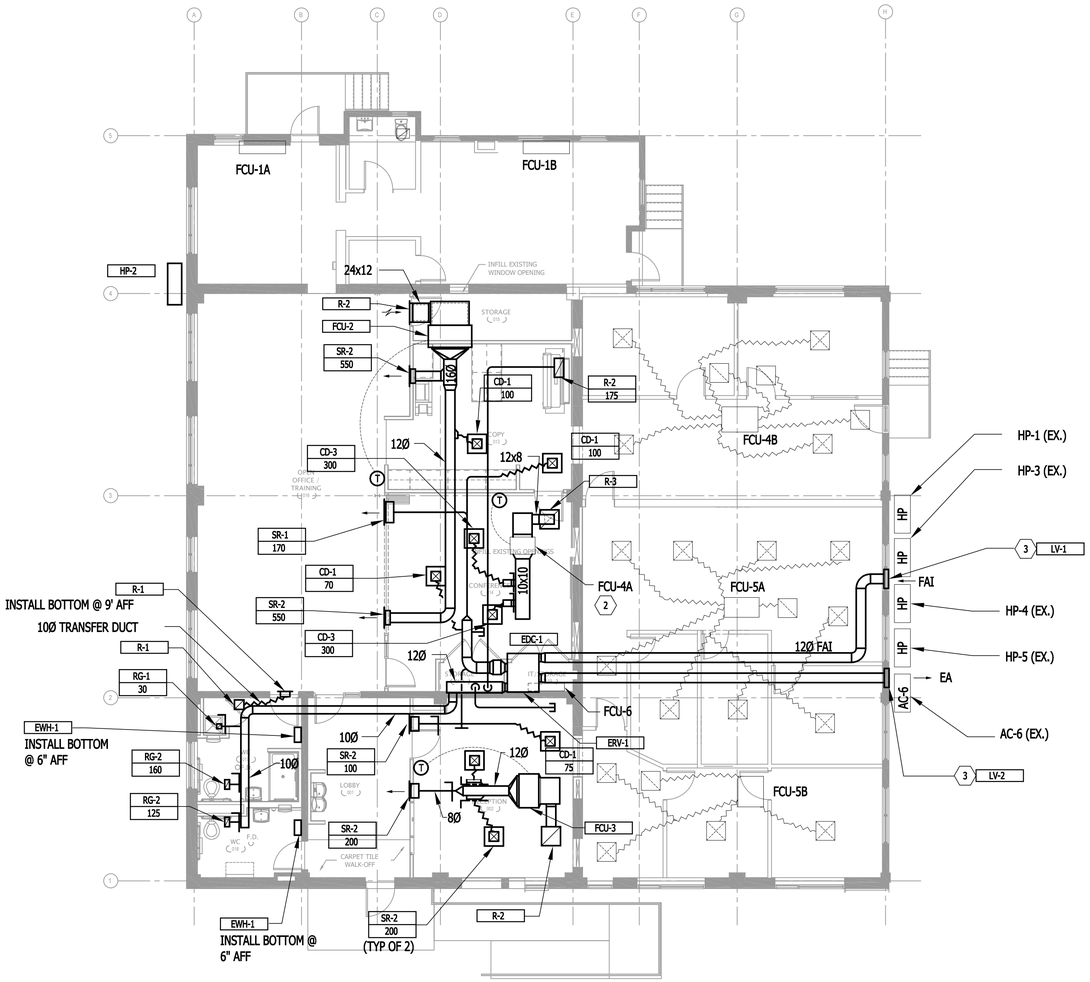
M2.0

SCALE
AS SHOWN

PARKS FILE#

CeGG
engineering

CeGG Engineering LLC
1211 N 32nd Street
Renton, WA 98056
tel 206.223.6447



1 *FLOOR PLAN - HVAC*

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

1' 6'
0 3'

FLAG NOTES

1. NEW CEILING GRILLE/DIFFUSER. CONNECT TO EXISTING FLEXIBLE DUCT ABOVE CEIING.
2. RELOCATED REINSTALLED FAN COIL UNIT.
3. SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOOCATIONS OF LOUVERS.

SHEET 33 OF 44

CAD NO. R1200-35NW-2024-33

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

BRIAN C. HATTAN
STATE OF WASHINGTON
36131
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 11/30/25

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

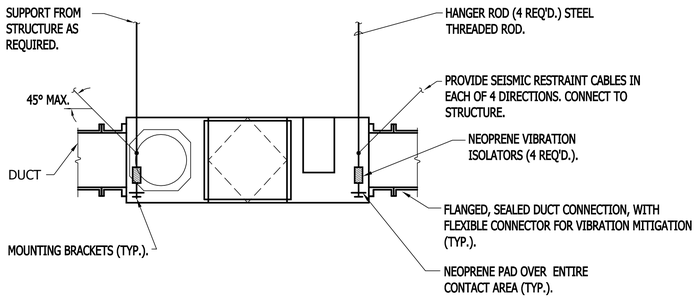
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

MECHANICAL
MAIN LEVEL
PLAN
M2.1

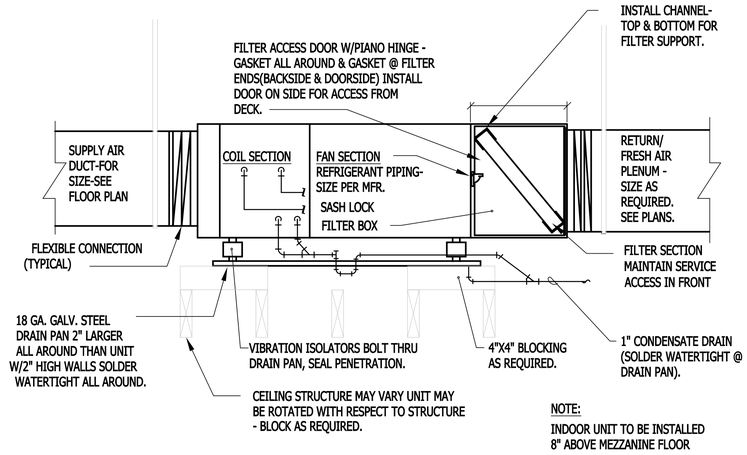
SCALE
AS SHOWN

PARKS FILE#



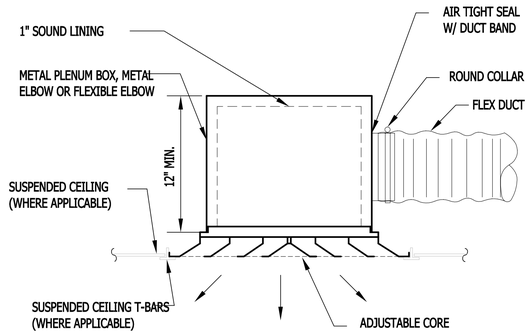
1 *ENERGY RECOVERY VENTILATOR*

SCALE: NONE



2 *DX FANCOIL UNIT INSTALLATION*

SCALE: NONE



3 *TYPICAL SUPPLY DIFFUSER*

SCALE: NONE

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CeGG Engineering LLC
1211 N 32nd Street
Renton WA 98056
tel 206.223.6447

CAD NO. R1200-35NW-2024-34

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

BRIAN C. HATTAN 36131 STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
EXPIRES 11/30/25

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS NW REGION

HQ REMODEL

MECHANICAL DETAILS
M3.0

SCALE
NONE

PARKS FILE#

PLUMBING SYMBOLS LEGEND

SYMBOL	ABBR.	SYMBOL
		PLUMBING FIXTURE
		DETAIL NUMBER SHT. WHERE DETAIL IS DRAWN
		FLAG NOTE
		REVISION NOTE
	CW	COLD WATER PIPE
	HW	HOT WATER PIPE
	HWC	HOT WATER RECIRCULATION PIPE
		WASTE PIPE
		WASTE PIPE (BURIED)
		PLUMBING VENT PIPE
		VALVE IN PIPE RISE OR DROP
	BV	BALL VALVE
		GAS COCK
		BACK FLOW PREVENTION
		CHECK VALVE
		PIPE UP OR UP & DOWN
		PIPE DOWN
		UNION
		STRAINER
	FD	FLOOR DRAIN
WCO		WALL CLEANOUT
	HB	HOSE BIBB W/ VACUUM BREAKER
		EXISTING PIPE
A	A	WATER HAMMER ARRESTER (CONTRACTOR TO SELECT EACH SIZE BASED ON TOTAL FIXTURE UNITS SERVED, SUBMIT FOR APPROVAL)

VTR	VENT THROUGH ROOF
AFF	ABOVE FINISHED FLOOR
NTS	NOT TO SCALE
AP	ACCESS PANEL
LAV	LAVATORY
WC	WATER CLOSET
SS	SERVICE SINK
SH	SHOWER
FD	FLOOR DRAIN
FCO	FLOOR CLEANOUT -INSIDE
GCO	FLOOR CLEANOUT -OUTSIDE

GENERAL PLUMBING NOTES

1. CONTRACTOR SHALL COMPLY WITH ALL GOVERNING BUILDING DEPARTMENT AND REGULATORY AGENCIES AND CODE REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS FOR PLUMBING WORKS.
2. ALL DIMENSIONS GIVEN ARE FINISH DIMENSIONS UNLESS OTHERWISE STATED. DRAWINGS SHALL NOT BE SCALED.
3. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL COMPLETELY CLEAN THE CONSTRUCTION AREA SUITABLE FOR THE OWNER'S USE, INCLUDING REMOVAL OF ALL LABELS (AFTER ARCHITECT'S INSPECTION), CLEANING OF ALL THE EQUIPMENT, CONSTRUCTION WORK, WINDOWS AND OTHER WORK, NEW AND OLD, IN THAT CONSTRUCTION AREA.
4. PLUMBING FIXTURES SHALL BE DESIGNED OR EQUIPPED TO MEET FOLLOWING WATER USE EFFICIENCY STANDARDS UNLESS NOTED OTHERWISE ON SCHEDULES OR SPECIFICATIONS:

   a. WATER CLOSETS (TANK STYLE OR FLUSH VALVE): 1.6 GPF
   b. URINAL 1.0 GPF
   c. SHOWER HEADS & BATHROOM FAUCETS 2.5 GPM
   d. PUBLIC LAVATORY 0.5 GPM

5. SINK AND LAVATORY DRAINS SHALL BE CHROME PLATED 17 GA. BRASS TUBING BY ENGINEERED BRASS, DEARBORN OR BRASSCRAFT.
6. PROVIDE INSULATED P-TRAP & SUPPLY COVERS (TUEBRO OR EQUAL) @ ALL EXPOSED P-TRAPS & SUPPLIES PER A.D.A. STANDARDS
7. PLUMBING FIXTURE MOUNTING SHALL COMPLY WITH CONTRACT DOCUMENTS AND INTERNATIONAL BUILDING CODE 2018 CHAPTER 1109.2 (ACCESSIBILTY)
8. INSTALL WATER HAMMER ARRESTORS ON HOT AND COLD PIPING OF EACH FIXTURE GROUP AND AT ALL FIXTURES W/ QUICK ACTING VALVES. UNITS SHALL BE EQUAL TO ZURN "SHOKTROL". SELECT UNIT SIZE AND LOCATION PER MANUFACTURERS RECOMMENDATIONS AND IN ACCORD WITH PDI STANDARD WH-201. PROVIDE ACCESS PANELS AT ARRESTORS ABOVE GWB CEILINGS.
9. COLD WATER AND HOT WATER PIPING SHALL BE INSULATED & ROUTED FULL SIZE WITH APPROPRIATE SIZE REDUCTION INSULATED & AT POINT OF CONNECTION TO FIXTURE.
10. 1/2" WATER LINE LIMITED TO 10'-0" DISTANCE FROM FIXTURES. "DEAD-LEGS" OR "FUTURE STUBS" ON ACTIVE POTABLE WATER LINES SHALL BE LIMITED TO 4" TO PREVENT STAGNANT WATER CONDITIONS.
11. INSTALL WATER PIPING ON WARM SIDE OF BUILDING INSULATION. SEE SPEC. FOR INSULATION SYSTEMS. SEE DWGS. FOR ELEC. HEAT TRACE REQUIREMENTS. SEE PLUMBING DETAILS FOR PIPE HANGER STYLE. SEE SPEC. FOR HANGER SPACING.
12. RISER DIAGRAMS & PLANS DO NOT SHOW SOME PIPING OFFSETS REQUIRED FOR STRUCTURAL CLEARANCES. EXACT ROUTING MAY VARY FROM THAT INDICATED.

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MAKE/MODEL	DESCRIPTION
WC-1	WATER CLOSET	KOHLER: KINGSTON ULTRA K-84325-SS-0	WALL MOUNT, VITREOUS CHINA, ELONGATED BOWL 1 1/2" TOP SPUD, WHITE, 1.6 GPF HEIGHT. SEE ARCH. DWGS. FOR MOUNTING HEIGHT.
	SEAT	KOHLER: K-4650-A	WHITE PLASTIC, OPEN FRONT, W/O COVER.
	FLUSH VALVE	SLOAN: FLUSHOMETER ROYAL II 111	MANUAL FLUSH VALVE, 1.6 GPF, POLISHED CHROME EXPOSED TOP SPUD
	CARRIERS:	ZURN: Z1201-ND4	ADJUSTABLE HEIGHT,BACK TO BACK SIPHON JET 500 LB. LOAD CAPACITY
LAV-1	LAVATORY	KOHLER: GREENWICH K-12643	20" X 18", WALL MOUNT, VIT. CHINA A.D.A. COMPLIANT. W/K-1808 WALL BRACKETS
	FAUCET	CHICAGO: 410 SERIES 410-T41E2805-717AB	SINGLE HOLE, 0.5 GPM FLOW, 7-1/4" LEVER HANDLE W/THERMOSTATIC CERAMIC CARTRIDGE POLISHED CHROME
	DRAIN	KOHLER: 8820 CP	PERFORATED STRAINER AND TAILPIECE ADJUSTABLE P-TRAP W/TUBING OUTLET
SH-1	SHOWER	FREEDOM APF6238BF6P	60"X30" ID, BARRIER FREE, ACRYLIC ROLL-IN SHOWER CENTERED DRAIN, ADA COMPLIANT
	SHOWER MIXING VALVE AND HEAD	CHICAGO: 1920-VOC401RCP	THERMOSTATIC/PRESSURE BALANCING SHOWER VALVE W/INTEGRAL STOPS 2.5 GPM ADJUSTABLE SHOWER HEAD CHROME PLATED
SS-1	MOP SINK	FIAT: TSB3000	24"X24"X 12" DEEP, TERAZZO W/DROP FRONT AND SS CURBS
		FAUCET: 830AA	CHROME PLATED FAUCET W/ VACUUM BREAKER W/INTEGRAL STOPS AND ADJUSTABLE WALL BRACE, PAIL HOOK AND 3/4" HOSE THREAD ON SPOUT 8" CENTER SET
		HOSE/BRACKET: 832AA	30" L FLEXIBLE HEAVY DUTY 5/8" CLOTH REINFORCED RUBBER HOSE W/ 3/4" CHROME COUPLING W/ 6" x 3" SS BRACKET W/ RUBBER GRIP
		DRAIN:	INTEGRAL SS STRAINER AND DRAIN ASSEMBLY
DF-1	WATER COOLER BOTTLE FILLING ST	ELKAY LZST8WSSK	WALL MOUNT, POLISHED CHROME, BI-LEVEL, FILTERED ADA, WATER COOLER W/ SENSOR ACTIVATED BOTTLE FILLER W/ FLEXIGUARD BUBBLER
FD-1	FLOOR DRAIN	JAY R. SMITH: 2005	2" WITH ADJUSTABLE STRAINER HEAD
WH-1	WATER HEATER	EXISTING ELEC:	EXISTING RELOCATED A.O SMITH ECT 52-210
ET-01	EXPANSION TANK	AMTROL: #ST-12C	FAB. STEEL W/BUTYL DIAPHRAGM, POLYPROPYLENE LINER. ASME RATED.

CeGG engineering
CeGG Engineering LLC
1211 N 32nd Street
Renton WA 98056
tel 206.223.6447

CAD NO. R1200-35NW-2024-35

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ACTION	BY	DATE
DESIGNED		
DRAWN		
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CHECKED (HDQTS.)		

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

PLUMBING SCHEDULES NOTES, LEGEND
P1.0

SCALE
NONE

PARKS FILE#

CeGG
engineering

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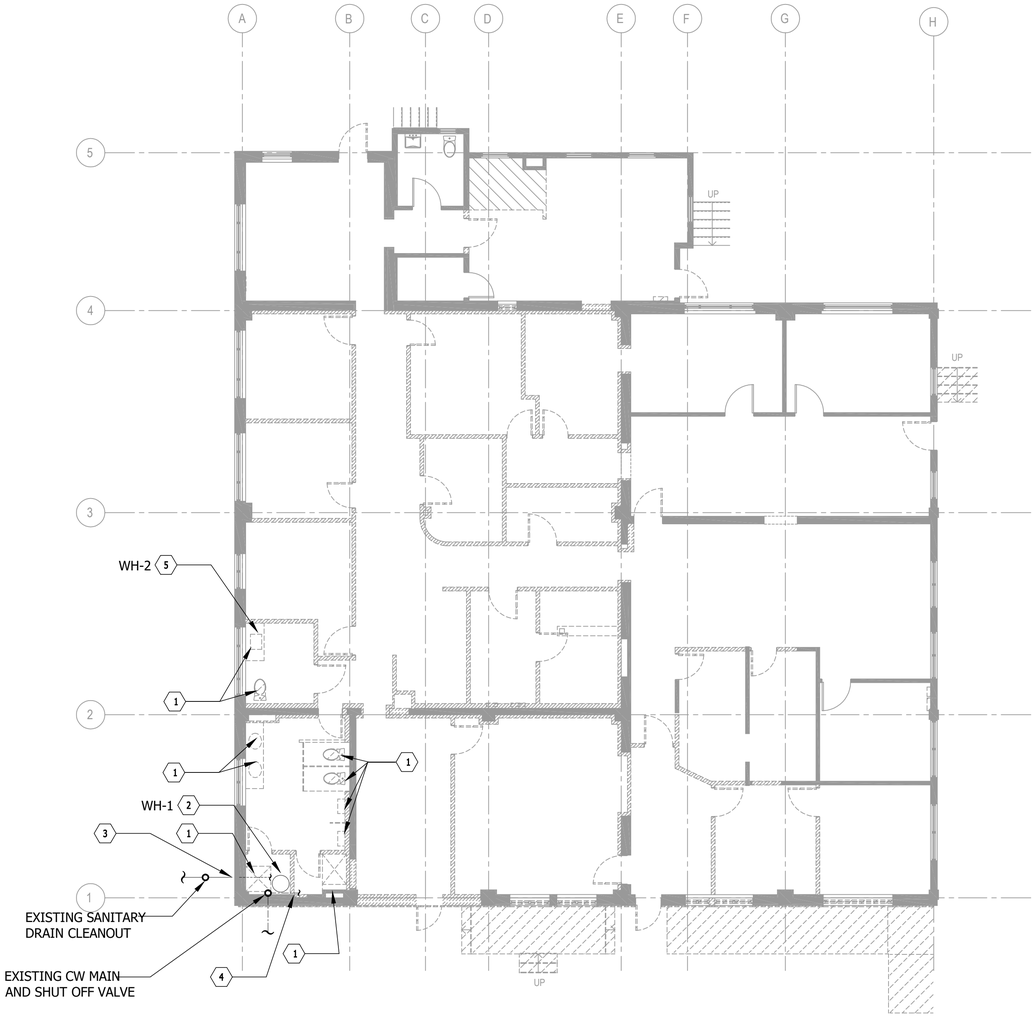
tel 206.223.6447



1 **DEMOLITION PLAN - PLUMBING**
SCALE: 1/8"=1'-0"

1' 6'
0 3'

DEMOLITION FLAG NOTES

1. *REMOVE EXISTING PLUMBING FIXTURE WITH ASSOCIATED PIPING AND VALVES.*
2. *WATER HEATER TO BE RELOCATED AND REUSED. REMOVE AND STORE IN A SECURE AND CLEAN AREA AND REINSTALL PER NEW PLANS.*
3. *REMOVE ALL DRAIN AND VENT PIPING INSIDE THE BUILDING, IN CRAWL SPACE AND IN ATTIC. TEMPORARILY CAP AND SEAL DRAIN PIPING AT THE CLEANOUT OUTSIDE THE BUILDING.*
4. *REMOVE ALL DOMESTIC HOT AND COLD WATER PIPING INSIDE THE BUILDING AND IN CRAWL SPACE. SHUT DOWN CW SUPPLY AT THE METER AND TEMPORARILY CAP PIPING IN THE CRAWL SPACE.*
5. *REMOVE EXISTING WATER HEATER AND TURN IT TO OWNER.*

SHEET 36 OF 44

CAD NO. R1200-35NW-2024-36

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JOHN C. HATTAWAY
STATE OF WASHINGTON
36131
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 11/30/25

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

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NW REGION

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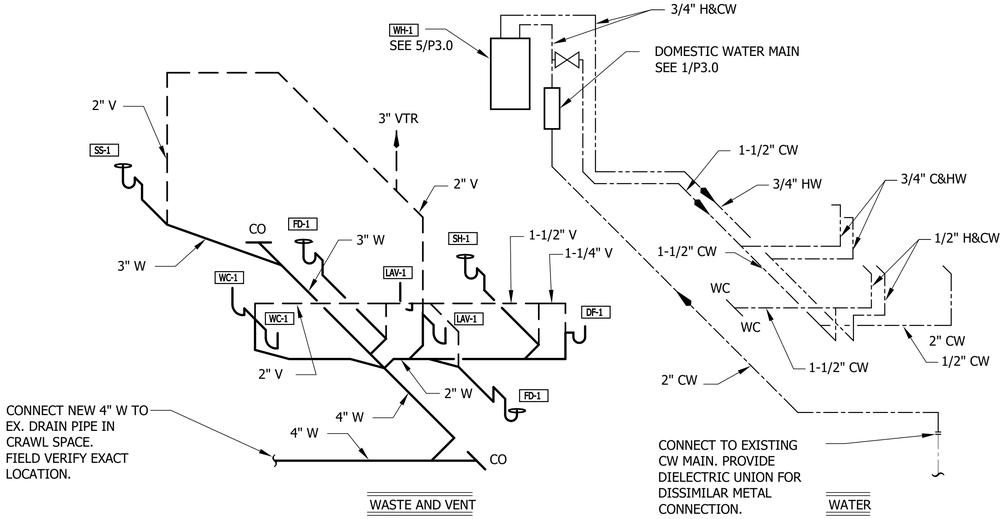
PLUMBING DEMOLITION PLAN
P2.0

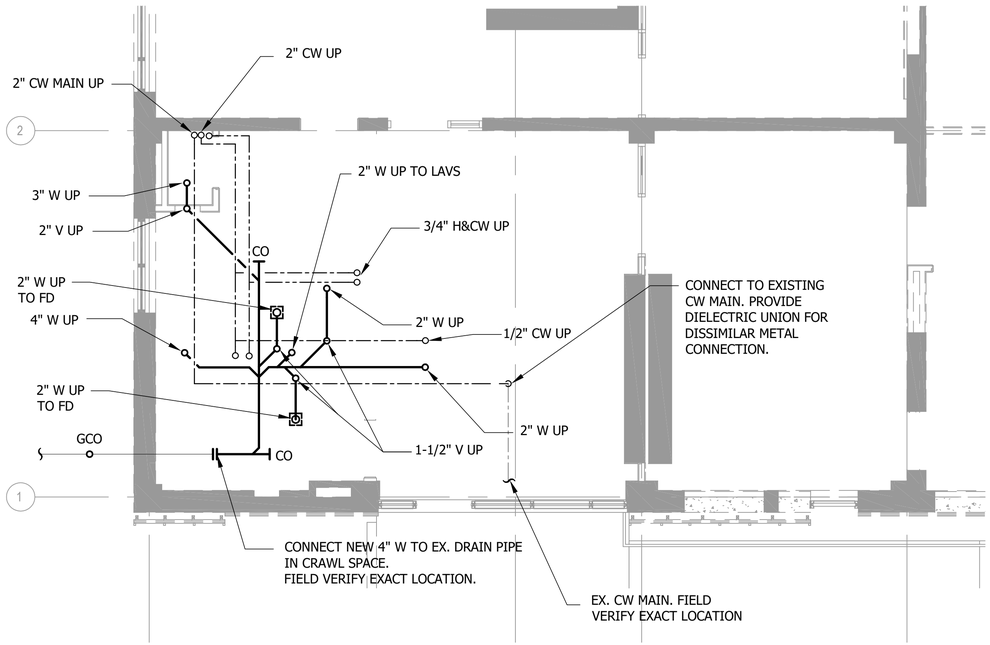
SCALE
AS SHOWN

PARKS FILE#



3 PLUMBING RISER DIAGRAM

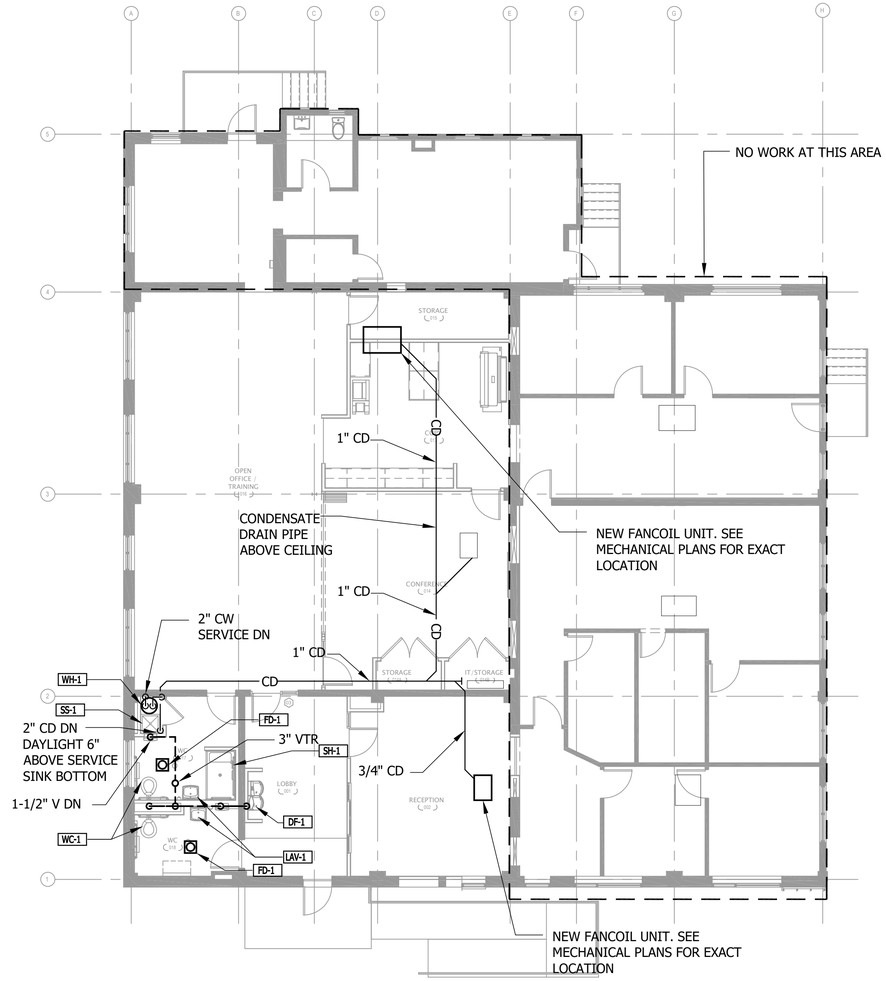
SCALE: NONE



1 CRAWL SPACE PLAN - PLUMBING

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

1' 6'
0 3'



2 FLOOR PLAN - PLUMBING

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

1' 6'
0 3'

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

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PLUMBING
MAIN LEVEL
PLAN
P2.1

SCALE
AS SHOWN

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CeGG Engineering LLC
1211 N 32nd Street
Renton WA 98056
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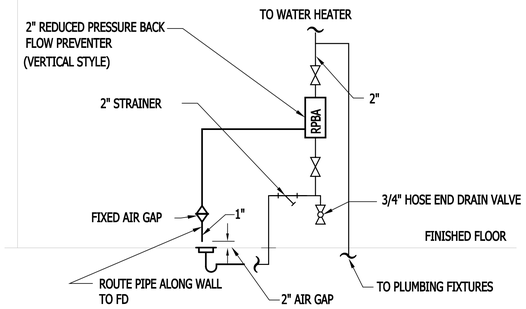
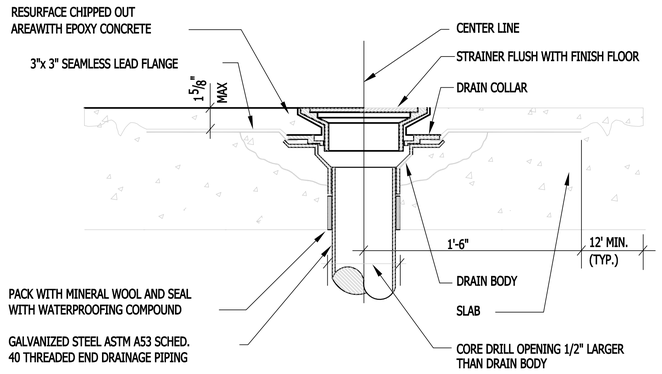


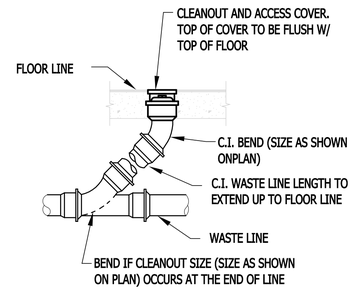
1 WATER SERVICE DETAIL
SCALE: NONE



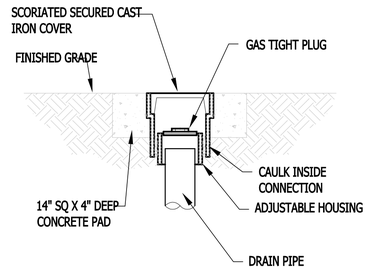
NOTES:

1. WATERPROOF EXISTING FLOOR OF ROOM WHERE FLOOR DRAIN IS TO BE LOCATED USING THOROSEAL SEALANT OR APPROVED EQUAL.

2 FLOOR DRAIN
SCALE: NONE



FCO



GCO

3 FLOOR AND GRADE CLEANOUT
SCALE: NONE

PIPING DETAIL

MOUNTING DETAIL

4 WALL MOUNTED LAVATORY
SCALE: NONE

NOTES:

1. PROVIDE REMOTE TYPE THERMOMETERS IF MOUNTED HIGHER THAN 6FT. ABOVE FLOOR. SEE PLANS FOR INSTALLATION HEIGHT.

2. INSTALL THERMOMETERS IN OVERSIZED TEES.

5 ELECTRIC WATER HEATER
SCALE: NONE

SHEET 38 OF 44

CAD NO. R1200-35NW-2024-38

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

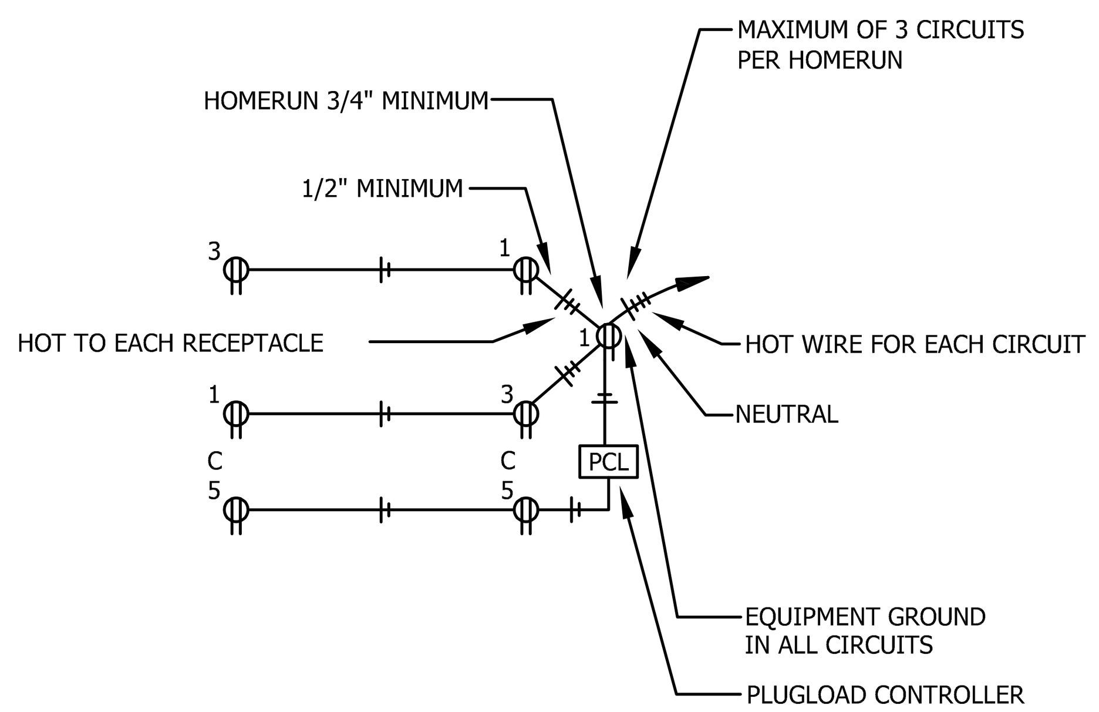
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

PLUMBING DETAILS
P3.0

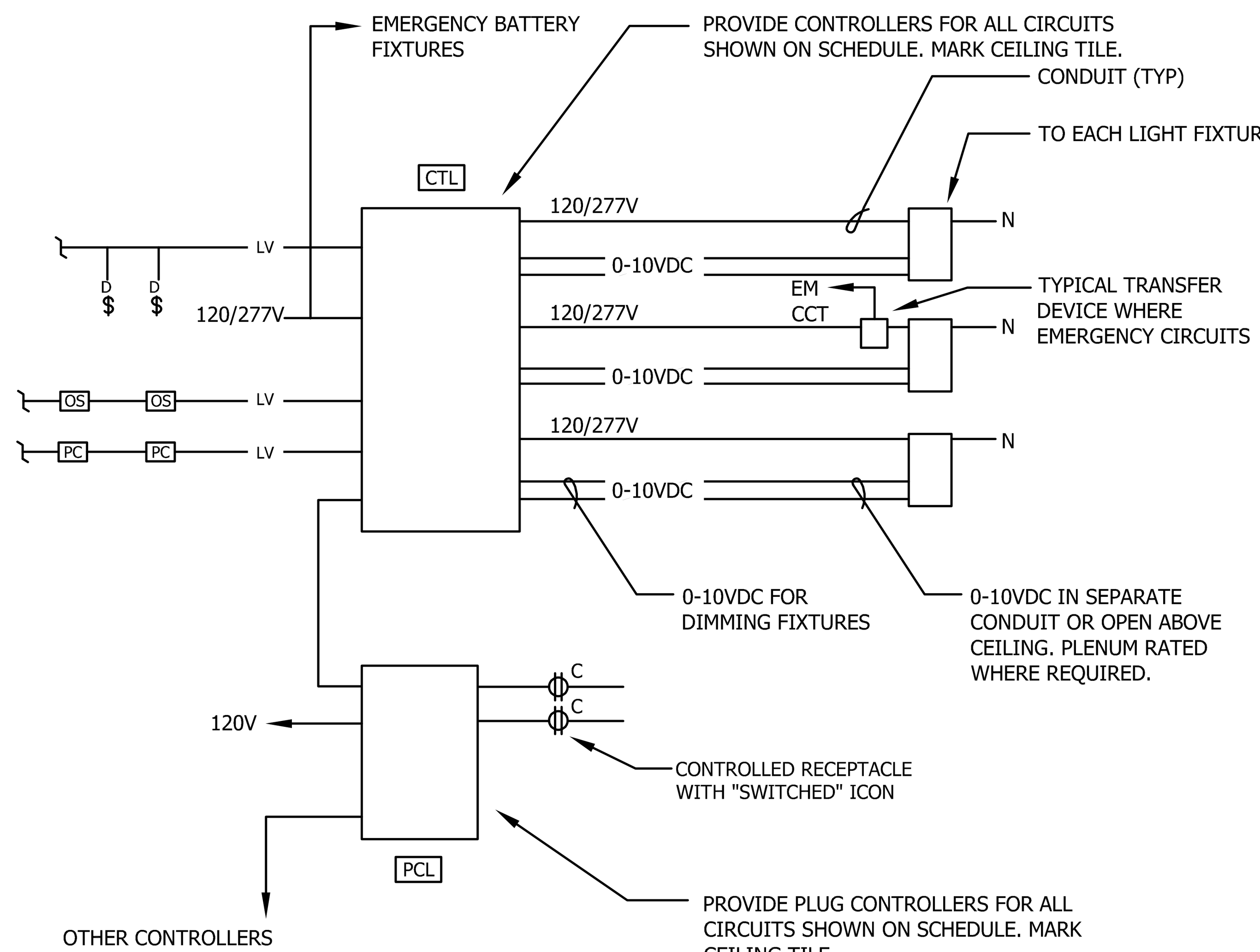
SCALE
NONE

PARKS FILE#



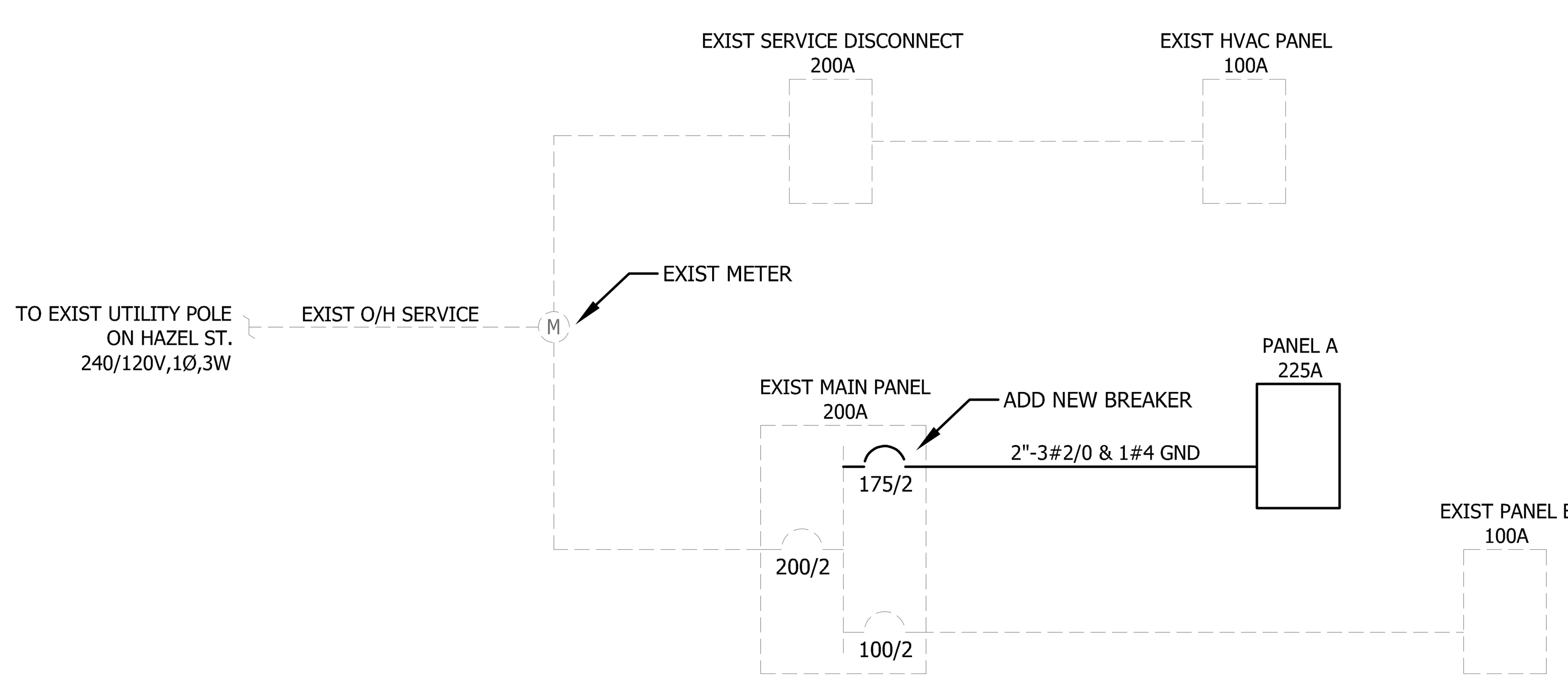
TYPICAL RECEPTACLE CIRCUITING DETAIL

SCALE: NONE



TYPICAL LIGHTING CONTROL DETAIL

SCALE: NONE



1 ONE LINE DIAGRAM

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

LEGEND

- CONDUIT CONCEALED IN CEILING OR WALLS
- CONDUIT CONCEALED UNDERGROUND, UNDER FLOOR, OR IN WALL
- SURFACE OR PENDANT MOUNTED LIGHT FIXTURE
- SURFACE OR PENDANT MOUNTED FLUORESCENT FIXTURE
- RECESSED LIGHT FIXTURE
- WALL SCONCE FIXTURE
- EXIT SIGN LIGHT FIXTURE TYPE X, EXCEPT AS NOTED
- WALL SWITCH, 3-WAY
- DIGITAL SWITCH
- WALL SWITCH WITH INTEGRAL OCCUPANCY SENSOR
- OCCUPANCY SENSOR WALL/CEILING MOUNT
- PHOTO CELL WALL/CEILING MOUNT
- CTL LIGHTING CONTROLLER
- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE ABOVE COUNTER
- DOUBLE DUPLEX RECEPTACLE
- GFI DUPLEX RECEPTACLE GFI TYPE
- C CONTROLLED RECEPTACLE
- WP WEATHERPROOF DUPLEX RECEPTACLE (GFI TYPE)
- PS ADA PUSHBUTTON SWITCH, OR POWER SUPPLY
- EQUIPMENT CONNECTION
- MOTOR CONNECTION
- DISCONNECT SWITCH
- COMBINATION STARTER
- JUNCTION BOX
- FLUSH FLOOR BOX WITH DEVICES AS SHOWN
- TWO PORT DATA OUTLET
- WAP SINGLE PORT DATA OUTLET FOR WIRELESS ACCESS POINT, WALL MOUNT +8'-0" AFF
- K ALARM KEY PAD
- MS MOTION SENSOR
- EL ELECTRIC LATCH
- DS DOOR SWITCH
- ACP ACCESS CONTROL PANEL
- F FIRE ALARM PULL STATION
- FIRE ALARM HORN WITH ADA STROBE
- FIRE ALARM ADA STROBE WALL MOUNTED
- S SMOKE DETECTOR/SENSOR
- HEAT DETECTOR/SENSOR (THERMAL DETECTION)
- SD SMOKE DAMPER CONNECTION
- A/B DETAIL INDICATOR WITH SHEET WHERE DRAWN INDICATED
- SECTION INDICATOR
- 1 FLAG NOTE
- EXIST DEVICE/FIXTURE AS INDICATED
- EXIST DEVICE/FIXTURE AS INDICATED TO BE REMOVED
- CIRCUIT BREAKER
- TRANSFORMER
- GROUNDING PER CODES
- BUS TAP
- 208V OR 240V PANEL
- LVR
- 480V PANEL
- T TRANSFORMER
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- WP WEATHERPROOF

SHEET 39 OF 44

CAD NO. R1200-35NW-2024-39

NO.	REVISIONS	INT.	APP.	DATE

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PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS NW REGION

HQ REMODEL

ELECTRICAL LEGEND E1.1

SCALE: AS SHOWN

PARKS FILE#

FLAG NOTES

1. NOT USED
2. CONTROLLED BY PHOTOCELL.

1 ENLARGED FLOOR PLAN – LIGHTING

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

CAD NO. R1200-35NW-2024-40

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KEVIN E. WARTEL

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS NW REGION

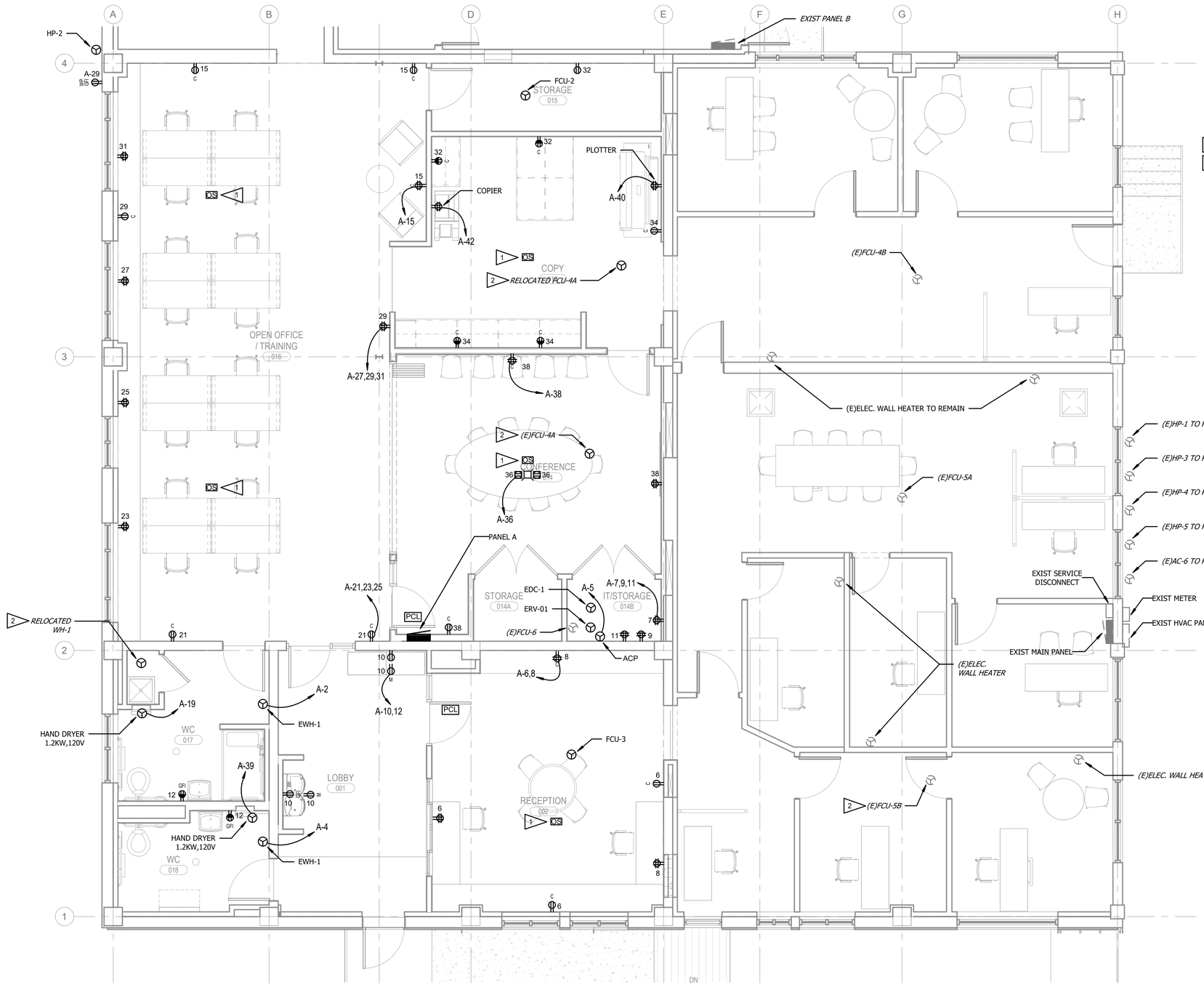
HQ REMODEL

ENLARGED FLOOR PLAN - LIGHTING E2.1

SCALE

AS SHOWN

PARKS FILE#



SHEET NOTES

1. CONNECT ALL RECEPTACLES, EQUIPMENT AND OTHER DEVICES TO DESIGNATED ASSIGNED CIRCUIT INCLUDING WIRING CONNECTIONS TO ASSOCIATED CONTROLLER AS REQUIRED AND TERMINATE CIRCUIT TO DESIGNATED SOURCE PANEL.

FLAG NOTES

1. OCCUPANCY SENSOR TO CONTROL CONTROLLED RECEPTACLES.
2. CONNECT TO EXISTING CIRCUIT.

1 ENLARGED FLOOR PLAN – POWER
SCALE: 1/4" = 1'-0"

N

SHEET 41 OF 44

CAD NO. R1200-35NW-2024-41

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KEVIN E. WARTIE
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

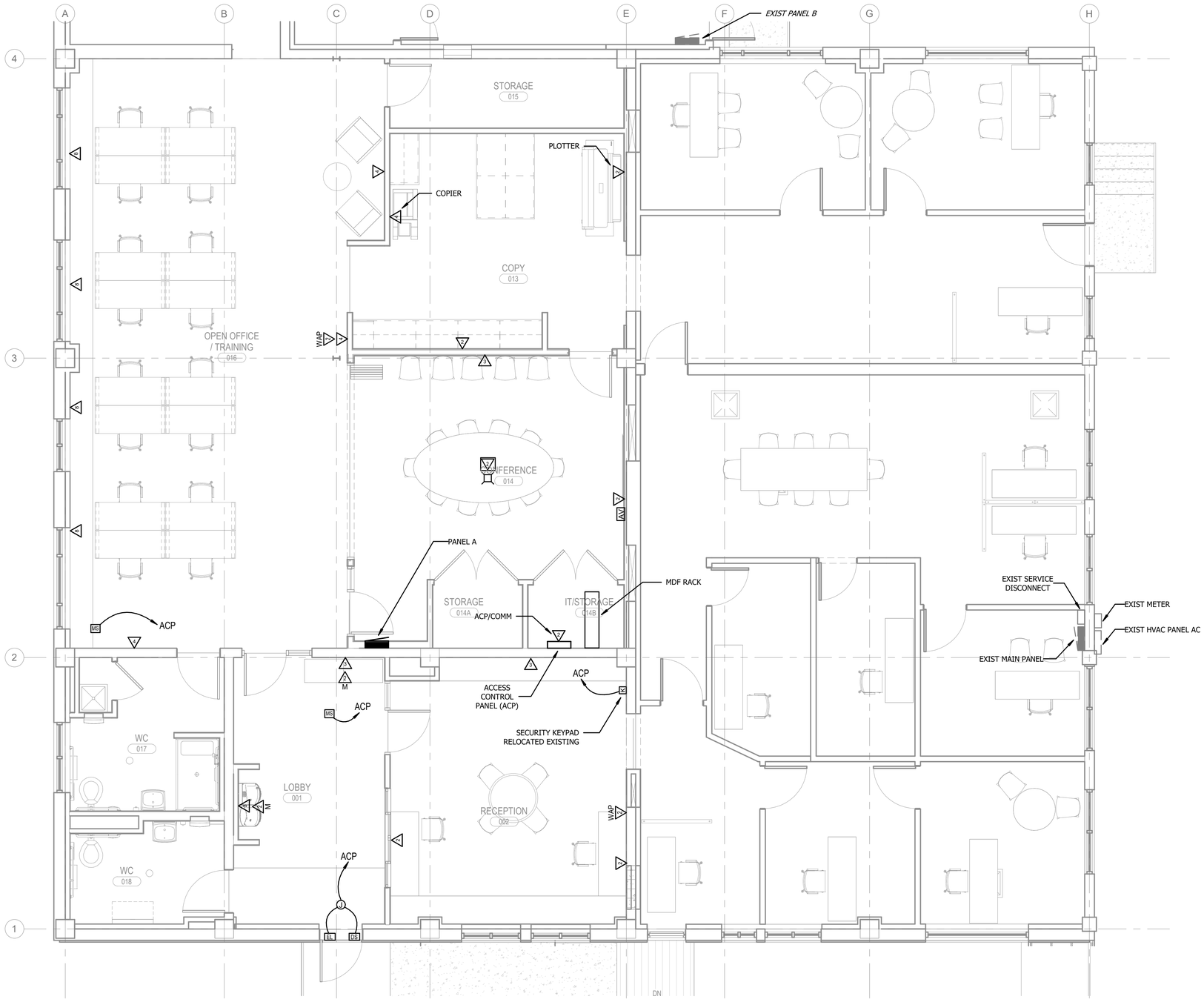
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

ENLARGED FLOOR PLAN - POWER
E3.1

SCALE
AS SHOWN

PARKS FILE#



SHEET NOTES

1. HOMERUN DATA CABLES TO MDF RACK. TERMINATE AT RACK MOUNTED PATCH PANELS. CABLING SHALL BE ROUTED IN RACEWAY (1" MINIMUM EMT) WHERE IN WALLS, ABOVE NON-ACCESSIBLE CEILINGS, OR EXPOSED. OPEN CABLING METHODS ACCEPTABLE WHERE ABOVE ACCESSIBLE CEILINGS.
2. ACCESS CONTROL SYSTEM CIRCUITRY SHALL BE ROUTED IN RACEWAY (3/4" EMT MINIMUM) WHERE IN WALLS, ABOVE NON-ACCESSIBLE CEILINGS, OR EXPOSED. OPEN CABLING METHODS ACCEPTABLE WHERE ABOVE ACCESSIBLE CEILINGS.
3. PROVIDE NEW DATA CABLE TO ALL DATA OUTLETS TO REMAIN IN SERVICE AND TO EXTEND AND TERMINATE AT NEW MDF RACK LOCATION.

1 ENLARGED FLOOR PLAN – COMM,ESS

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

N

SHEET 42 OF 44

CAD NO. R1200-35NW-2024-42

NO.	REVISIONS	INT.	APP.	DATE

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KEVIN E. WARTIER
STATE OF WASHINGTON
21787
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PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

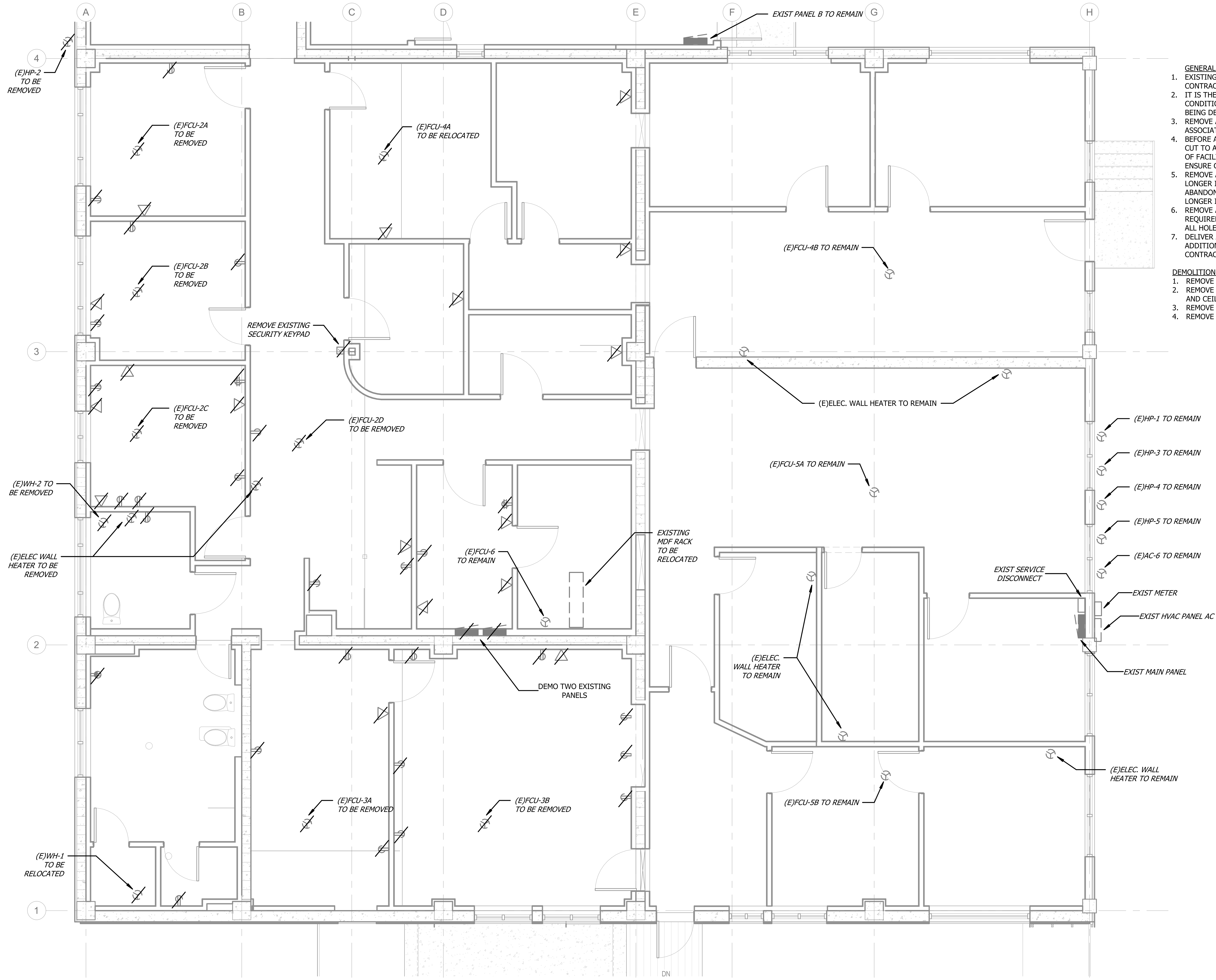
WASHINGTON STATE PARKS
NW REGION

HQ REMODEL

ENLARGED FLOOR PLAN - COMM,ESS
E4.1

SCALE
AS SHOWN

PARKS FILE#



GENERAL DEMOLITION NOTES

1. EXISTING PLANS DO NOT INDICATE COMPLETE EXISTING WIRING CONDITIONS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY IN FIELD THE EXISTING CONDITIONS, LOCATIONS AND SIZES OF EQUIPMENT AND ASSOCIATED APPARATUS BEING DEMOLISHED PRIOR TO COMMENCEMENT OF WORK.
3. REMOVE ALL LIGHT FIXTURES EXCEPT IN AREAS NOTED TO REMAIN. REMOVE ASSOCIATED SWITCHES AND WIRING NOT LONGER REQUIRED.
4. BEFORE ANY WIRING IS CUT, CONTRACTOR SHALL VERIFY USAGE OF WIRING TO BE CUT TO ASSURE THAT SERVICES REQUIRED ARE NOT DISCONTINUED TO OTHER PARTS OF FACILITY. PROVIDE ADDITIONAL WIRING DEVICES AND OTHER ACCESSORIES TO ENSURE CONTINUITY OF SERVICE TO OTHER PARTS OF INSTALLATION TO REMAIN.
5. REMOVE ALL EXISTING CONDUITS, CONDUCTORS AND ASSOCIATED EQUIPMENT NO LONGER IN SERVICE AS A RESULT OF THIS CONTRACT AND DISPOSE LEGALLY. NO ABANDONED IN PLACE EXISTING EQUIPMENT AND OTHER MATERIALS THAT ARE NO LONGER IN USE AS A RESULT OF THIS CONTRACT.
6. REMOVE ALL EXISTING DEVICES INDICATED TO BE REMOVED OR NO LONGER REQUIRED. PROVIDE COVER PLATE FOR BLANK OUTLETS AND JUNCTION BOXES. PLUG ALL HOLES IN BOXES AND CABINIETS.
7. DELIVER ALL SALVAGEABLE MATERIAL AS DETERMINED BY OWNER. AT NO ADDITIONAL COST TO OWNER, PACK MATERIAL IN BOXES. COIL ALL CABLES AND TIE. CONTRACTOR TO DISPOSE ALL MATERIALS NO LONGER REQUIRED.

DEMOLITION NOTES

1. REMOVE PANELS AS INDICATED AND ALL ASSOCIATED CIRCUITRY.
2. REMOVE ALL ELECTRICAL OUTLETS, DEVICES, CIRCUITRY AND RACEWAYS FROM WALLS AND CEILINGS TO BE DEMOLISHED. REFER TO ARCHITECTURAL DEMOLITION PLANS.
3. REMOVE TELEPHONE BOARD, EQUIPMENT AND CABLING FROM ATTIC.
4. REMOVE EXISTING MDF RACK AND ASSOCIATED PATCH PANELS AND CABLING.

N

1 ENLARGED DEMO PLAN – ELECTRICAL

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

SHEET 43 OF 44

CAD NO. R1200-35NW-2024-43

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KEVIN E. WARTEL

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS NW REGION

HQ REMODEL

ENLARGED DEMO PLAN - ELECTRICAL
E5.1

SCALE
AS SHOWN

PARKS FILE#

EXISTING PANEL AC — VOLTS 240 /120 — 1 PHASE, 3 WIRE
LOCATION EXTERIOR WALL — AMPS 100
MOUNTING SURFACE — MAIN CIRCUIT BREAKER
AIC 10,000 — GROUND BUS
FED FROM 200A MAIN BREAKER — NOTE: *–DENOTES NEW CIRCUIT BREAKER

CCT NO.	CCT BRKR	DESCRIPTION	LOAD KVA	CCT NO.	CCT BRKR	DESCRIPTION	LOAD KVA
1	20/2	(E) HP–1	2.88	2	20/2	ERV–01	1.01
3	|		0.00	4	|		0.00
5	20/2	(E) HP–4	2.88	6	20/2	(E) HP–5	2.88
7	|		0.00	8	|		0.00
9	20/1	SPARE	0.00	10	20/2	(E) HP–6	2.88
11	20/1	SPARE	0.00	12	|		0.00
13	20/2	(E) HP–3	2.88	14	20/2*	FCU–2/3*	0.89
15	|		0.00	16	|		0.00

CONNECTED LOAD — DEMAND FACTOR — DEMAND LOAD

	KVA		KVA	AMPS
LIGHTS	0.00	125%	0.00	0.00
RECEPTACLES	0.00	100%	0.00	0.00
HEATING	0.00	100%	0.00	0.00
LARGEST MOTOR	0.00	125%	0.00	0.00
OTHER MOTORS	0.00	100%	0.00	0.00
MISCELLANEOUS	16.30	100%	16.30	67.92
KITCH. APPLIANCES	0.00	100%	0.00	0.00
	16.30		16.30	67.92

PANEL A — VOLTS 240 /120 — 1 PHASE, 3 WIRE
LOCATION IT ROOM 007 — AMPS 225
MOUNTING SURFACE — MAIN LUGS ONLY
AIC 10,000 — GROUND BUS
FED FROM EXISTING MAIN PANEL

CCT NO.	CCT BRKR	DESCRIPTION	LOAD KVA	CCT NO.	CCT BRKR	DESCRIPTION	LOAD KVA
1	20/1	LIGHTS	1.11	2	20/1	EWH–1	1.50
3	20/1	LIGHTS	0.15	4	20/1	EWH–1	1.50
5	20/1	ACP	1.00	6	20/1	RECEPTS	0.72
7	20/1	RECEPTS	0.36	8	20/1	RECEPTS	0.72
9	20/1	RECEPTS	0.36	10	20/1	RECEPTS	0.72
11	20/1	RECEPTS	0.36	12	20/1	RECEPTS	0.36
13	20/1	SPARE	0.00	14	20/1	SPARE	0.00
15	20/1	RECEPTS	0.72	16	20/1	SPARE	0.00
17	20/1	SPARE	0.00	18	20/1	SPARE	0.00
19	20/1	HAND DRYER	1.20	20	20/1	SPARE	0.00
21	20/1	RECEPTS	0.36	22	20/1	SPARE	0.00
23	20/1	RECEPTS	0.36	24	20/1	SPARE	0.00
25	20/1	RECEPTS	0.36	26	20/1	SPARE	0.00
27	20/1	RECEPTS	0.36	28	35/2	HP–2	6.98
29	20/1	RECEPTS	0.54	30	|		0.00
31	20/1	RECEPTS	0.36	32	20/1	RECEPTS	0.54
33	20/1	SPARE	0.00	34	20/1	RECEPTS	0.54
35	40/2	EDC–1	7.50	36	20/1	RECEPTS	0.36
37	|		0.00	38	20/1	RECEPTS	0.90
39	20/1	HAND DRYER	1.20	40	20/1	PLOTTER	1.00
41	20/1	CEILING FAN	1.50	42	20/1	COPIER	1.00

CONNECTED LOAD — DEMAND FACTOR — DEMAND LOAD

	KVA		KVA	AMPS
LIGHTS	1.27	125%	1.58	6.59
RECEPTACLES	9.00	100%	9.00	37.50
HEATING	10.50	100%	10.50	43.75
LARGEST MOTOR	0.00	125%	0.00	0.00
OTHER MOTORS	0.00	100%	0.00	0.00
MISCELLANEOUS	13.88	100%	13.88	57.83
KITCH. APPLIANCES	0.00	100%	0.00	0.00
	34.65		34.96	145.67

MECHANICAL/PLUMBING CONNECTION SCHEDULE

UNIT	LOCATION	KW/KVA	HP	MOCP	MCA	VOLTS	PH	PANEL	CIRCUIT	CIRCUIT SIZE	CU/AL	CONTROL	DUCT DETECTOR	COMMENT
ERV-01	IT ROOM 007			15A/2	4.2A	240	1	AC	2,4	3#12 & 1#12 GND	CU	DISCONNECT SWITCH	NO	
EDC-1	IT ROOM 007	7.5 KW		40A/2	31.25A	240	1	A	35,37	3#8 & 1 #10 GND	CU	DISCONNECT SWITCH	NO	
HP-2	EXTERIOR WALL			35A/2	29.1	240	1	A	28,30	3#8 & 1 #10 GND	CU	DISCONNECT SWITCH	NO	
FCU-2	STORAGE 015			15A/2	2.8A	240	1	AC	14,16	3#12 & 1#12 GND	CU	DISC. SW. WITH 15A FUSED	NO	
FCU-3	RECEPTION 002			15A/2	0.9A	240	1	AC	14,16	3#12 & 1#12 GND	CU	DISC. SW. WITH 15A FUSED	NO	
(E) HP-1	EXTERIOR WALL			20A/2	10	240	1	AC	1,3	EXISTINGWIRING				EXISTING CONNECTION
(E) HP-3	EXTERIOR WALL			20A/2	10	240	1	AC	13,15	EXISTINGWIRING				EXISTING CONNECTION
(E) HP-4	EXTERIOR WALL			20A/2	10	240	1	AC	5,7	EXISTINGWIRING				EXISTING CONNECTION
(E) HP-5	EXTERIOR WALL			20A/2	10	240	1	AC	6,8	EXISTINGWIRING				EXISTING CONNECTION
(E) HP-6	EXTERIOR WALL			20A/2	10	240	1	AC	10,12	EXISTINGWIRING				EXISTING CONNECTION
EWH-1	SEE PLANS	1.5 KW				120	1	SEE PLANS	SEE PLANS					
WH-1	WC 017	4.5 KW		30A/2	18.75	240	1	EXISTING	CIRCUIT	3#10 & 1#12 GND	CU	DISCONNECT SWITCH	NO	CONNECT TO EXISTING CIRCUIT

LIGHTING FIXTURE SCHEDULE

TYPE	LAMPS		MANUFACTURER	DESCRIPTION
PL-1	LED 41 W 3500K	0-10VDC	TBD	ROUND PENDANT HUNG FIXTURE WITH DIRECT/INDIRECT DISTRIBUTION. ROUTE CONDUIT DOWN FROM TOP OF CAR DECKING TO AVOID EXPOSED CONDUIT. PROVIDE SURFACE MOUNT J-BOX WITH CANOPY COVER. 120 VOLT. SPECIFIC FIXTURE TO BE DETERMINED. FOR BIDDING PURPOSES ALLOW $1500 PER FIXTURE.
PL-1E	LED 41 W 3500K	0-10VDC	PINNACLE	SIMILAR TO PL-1 EXCEPT WITH EMERGENCY BATTERY PACK OR CONNECTED TO EMERGENCY POWER INVERTER, 150 WATTS.
PL-2	LED 53.4 W 3500K	0-10VDC	PINNACLE EX4DI	6' LONG BY 4" WIDE LINEAR. AIRCRAFT CABLE HUNG. DIRECT/INDIRECT DISTRIBUTION. 120 VOLT.
PL-3	LED 35.6 W 3500K	0-10VDC	PINNACLE EX4DI	4' LONG BY 4" WIDE LINEAR. AIRCRAFT CABLE HUNG. DIRECT/INDIRECT DISTRIBUTION. 120 VOLT.
RL-1	LED 31 W 3500K	0-10VDC	LITHONIA EPANL LED	2'X2' RECESSED EDGE LIT FLAT PANEL TROFFER. 0-10V DIMMING. 120 VOLT.
RL-1E	LED 31 W 3500K	0-10VDC	LITHONIA EPANL LED	SIMILAR TO RL-1 EXCEPT WITH EMERGENCY BATTERY PACK.
RL-2	LED 22 W 3500K	0-10VDC	LITHONIA LDN4	4" DIAMETER RECESSED DOWNLIGHT. 3500K. 0-10V DIMMING. 120 VOLT.
RL-3	LED 22 W 3500K	0-10VDC	LITHONIA LDN4 WW	4" DIAMETER RECESSED DOWNLIGHT. WALL WASH DISTRIBUTION. 3500K. 0-10V DIMMING. 120 VOLT.
RL-4	LED 22 W 3500K	0-10VDC	LITHONIA LDN4	4" DIAMETER RECESSED DOWNLIGHT WITH SHOWER TRIM. 3500K. 120 VOLT.
SL-1	LED 31 W 3500K	0-10VDC	LITHONIA EPANL LED	1'X4' SURFACE MOUNTED EDGE LIT FLAT PANEL TROFFER. 0-10V DIMMING. 120 VOLT.
SL4E-20	LED 90 W 3000K	0-10VDC	PINNACLE EDGE EX12	SURFACE COVE MOUNTED DIRECT LED STRIP FIXTURE 1-3/4" X 2-5/16" X 20'-0" LONG, 120V WITH EMERGENCY BATTERY BACK-UP.
SL4E-8	LED 36 W 3000K	0-10VDC	PINNACLE EDGE EX12	SURFACE COVE MOUNTED DIRECT LED STRIP FIXTURE 1-3/4" X 2-5/16" X 8'-0" LONG, 120V WITH EMERGENCY BATTERY BACK-UP
SL4-6	LED 27 W 3000K	0-10VDC	PINNACLE EDGE EX12	SURFACE COVE MOUNTED DIRECT LED STRIP FIXTURE 1-3/4" X 2-5/16" X 6'-0" LONG, 120V
WL-1	LED 35 W 3500K	0-10VDC	LITHONIA FMVCCLS-48IN-MVOLT-35K-90CRI-BN	WALL MOUNTED LED VANITY LIGHT FIXTURE.
X	LED 2.1 W		SURE-LITES CAX-7-DUAL LITE SE-G-LITHONIA LES-MCPHILBEN ERSSL CHLORIDE CAD	CEILING DIE CAST LED EXIT SIGN WITH ALL MOUNTING ACCESSORIES. PROVIDE ARROWS AND FACES AS SHOWN ON DRAWINGS. PROVIDE WHITE BODY WITH GREEN LETTERS AND UNIFORM LENS OVER LED. 120 VOLT

ALL COLORS, FINISHES, ETC. ARE BY ARCHITECT FROM MANUFACTURER'S STANDARD OPTIONS

SHEET 44 OF 44

CAD NO. R1200-35NW-2024-44

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	KW	
DRAWN	KH	
CHECKED (FIELD)		
CHECKED (HDQTS.)		

KEVIN E. WARTEL — STATE OF WASHINGTON — 24197 — REGISTERED PROFESSIONAL ENGINEER

PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

WASHINGTON STATE PARKS NW REGION

HQ REMODEL

SCHEDULES E6.1

SCALE AS SHOWN

PARKS FILE#

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