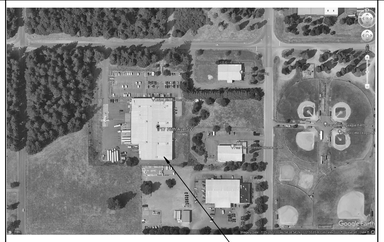
CODES

2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
2018 INTERNATIONAL RESIDENTIAL CODE (IRC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2018 INTERNATIONAL FUEL GAS CODE (IFGC)
2018 INTERNATIONAL FIRE CODE (IFC)
2018 UNIFORM PLUMBING CODE (UPC)
2018 INTERNATIONAL PROPERTY MAINTENANCE CODE (IPMC) AS INCORPORATED IN THE OMC
2020 NATIONAL ELECTRIC CODE (NEC)
2018 INTERNATIONAL SWIMMING POOL AND SPA CODE (ISPSC)

NOTE:
THIS PROJECT IS LOCATED IN A SEISMIC REGION WITH SEISMIC DESIGN CATEGORY D. CONTRACTOR TO PROVIDE AND INSTALL THE APPROPRIATE SEISMIC DESIGN AS REQUIRED PER CODE. ALL SEISMIC RESTRAINTS SHALL BE RATED AND APPROVED FOR SEISMIC DESIGN RATING FOR THE SITE AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS IN ORDER TO MAINTAIN RATING.

VICINITY MAP



GOOGLE EARTH © 2023

N

LOCATION PLAN

GOOGLE MAPS © 2023

N

PROJECT DESCRIPTION

PROJECT CONSISTS OF SELECTIVE DEMOLITION RELATED TO CARRIER ENTRANCE AND PATH OF TRAVEL ACCESSING CARRIER VEHICLES, AND INCLUDES THE ADDITION OF THREE NEW CARRIER VESTIBULES. WORK ALSO INCLUDES FINISH AND FURNISHING UPDATES TO CARRIER RELATED ROOMS INCLUDING, BUT NOT LIMITED TO RESTROOMS, BREAK ROOMS, WORK FLOOR, AND SUPERVISOR OFFICES. ALL CARRIER RESTROOMS WILL RECEIVE ONE-FOR-ONE REPLACEMENT OF FIXTURES AND ACCESSORIES. THE RESTROOM ASSOCIATED WITH THE LOCKER ROOMS WILL BE MADE TO CONFORM TO ACCESSIBILITY STANDARDS WITH ANY REQUIRED FIXTURE RELOCATION. ALL EXHAUST FANS WILL BE REPLACES THROUGHOUT THE BUILDING AND ANY ADDITIONAL HVAC UPDATES WILL BE MADE PER BUILDING FUNCTIONALITY. ALL NOTED LIGHT FIXTURES WILL BE REPLACED WITH LED.

PROJECT CONTACTS

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ACTIVATION NOTE:
Activation Scope Of Work as defined by Patriot Construction Management must be completed by 06-01-24. Confirm with Construction Manager.

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PROJECT MANAGER	DESIGNER
DL	CR

JOB NO. 2022359.19

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Revisions: CONSTRUCTION SET

Date: 09.25.2023

COVER SHEET

TS-001

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-003

SYMBOL LEGEND

ROOM NAME / B55 — ROOM NAME / ROOM NUMBER
MATCH LINE
BREAK MARK
CP1 — CONTROL POINT
T.O. MASONRY 12'-0" — DATUM MARK
W4A — WALL TAG
? — WINDOW TAG
? — DOOR TAG
GB-1 / 15' - 0" — CEILING TAG / CEILING HEIGHT
A1 / A-101 — WALL SECTION MARK
A1 / A-101 — BUILDING SECTION MARK
A1 / A-101 / E2 / A-101 / A2 / A1 / B4 — ELEVATION TAGS
? / ? — ENLARGED PLAN OR DETAIL
REVISION CLOUD
? — COLUMN DESIGNATION

SHEET KEYNOTE INSTRUCTIONS

SHEET KEYNOTES ARE NOTED WITHIN THE GRAPHIC AREA OF THE DRAWING. THESE ARE REPRESENTED BY A NUMBER SURROUNDED BY A HEXAGON, WITH OR WITHOUT A LEADER. A LEGEND ON THE RIGHT SIDE OF THE PAGE LISTS THE NOTES IN NUMERICAL ORDER.

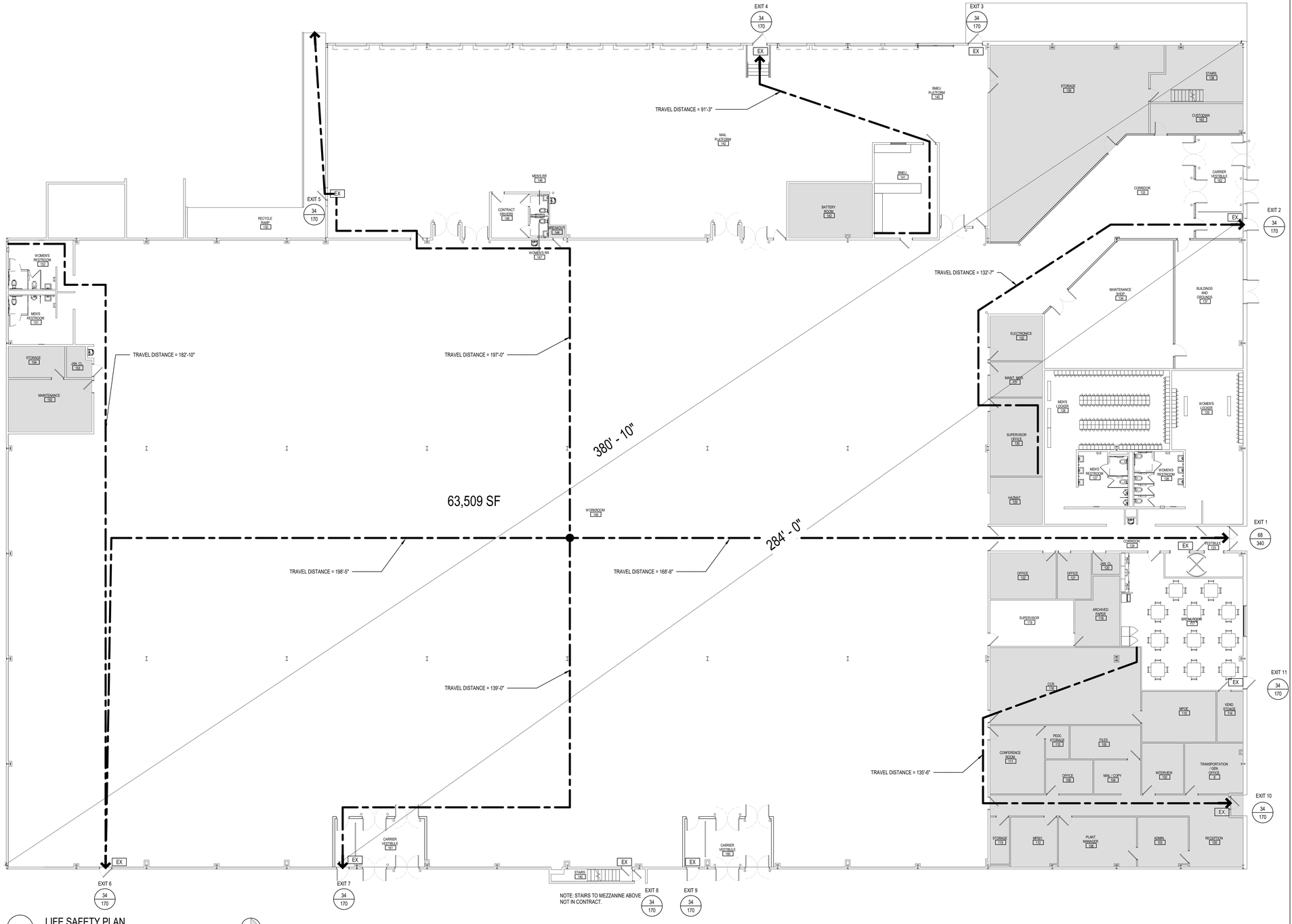
EXAMPLE: 1

1. ALIGN NEW CONSTRUCTION WITH THE FACE OF EXISTING CONSTRUCTION.

ABBREVIATIONS

A	
AB	ANCHORBOLT
A/C	AIR CONDITIONING
AC	ALTERNATING CURRENT
ACC	ACCESSIBLE
ACI	AMERICAN CONCRETE INSTITUTE
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL
ALUM	CONS.
AMP	ALUMINUM
ARCH	AMPERE, AMPS
ASHRAE	ARCHITECT, ARCHITECTURAL AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
B	
BLDG	BUILDING
BM	BEAM
BOTT	BOTTOM
BTU	BRITISH THERMAL UNIT
BOF	BOTTOM OF FOOTING
BRG	BEARING
C	
CF	CUBIC FEET
CD	CONDENSATE
CERTS	CERTIFICATES
CFM	CUBIC FEET PER MINUTE
CKT	CIRCUIT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR OR CLEARANCE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE, CONCERTRIC
CONT	CONTINUOUS, CONTINUATION
COORD	COORDINATE
CJ	CONTROL JOINT
CLR	CLEAR, CLEARANCE
CTR	CENTER
CV	CHECK VALVE
CW	COLD WATER
D	
DBL	DOUBLE
DC	DIRECT CURRENT
DEG	DEGREES
DEFS	DIRECT-APPLIED EXTERIOR FINISH SYSTEM
DIA	DIAMETER
DIM	DIMENSION
DL	DEADLOAD
DN	DOWN
DS	DOWNSPOUT
DTL	DETAIL
DWGS	DRAWINGS
E	
EA	EACH
EF	EXHAUST FAN
EJ	EXPANSION JOINT
ELEV	ELEVATION
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
ELEC	ELECTRICAL
EMBED	EMBEDMENT
EMP	EMPLOYEE
EMS	ENERGY MANAGEMENT SYSTEM
ENCL	ENCLOSURE
EOD	EDGE OF DECK
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EXH	EXHAUST
EXP	EXPANSION
EXIST	EXISTING
EXT	EXTERNAL, EXTERIOR
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
F	
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FCO	FLOOR CLEANOUT
FD	FIRE DAMPER, FLOOR DRAIN
FIN	FINISH (ED)
FIXT	FIXTURE
FDN	FOUNDATION
FLG	FLANGE
FTG	FOOTING
FF	FINISHED FLOOR
FLR	FLOOR
FR	FIRE-RETARDANT-TREATED
FRP	MATERIALS FIBERGLASS REINFORCED PANEL
FT	FOOT, FEET
G	
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GB	GRADE BEAM
GWB	GYPSUM WALL BOARD
GAB	GRADED AGGREGATE BASE
GYP	GYPSUM WALL BOARD
H	
HGT	HEIGHT
HORIZ	HORIZONTAL
HP	HORSEPOWER OR HIGH POINT
HTR	HEATER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HDW	HARDWARE
I	
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
INT	INTERIOR
IN I	INCH, INCHES
NSUL	INSULATION
J	
J-BOX	JUNCTION BOX
JT	JOINT
JST	JOIST
K	
k	KIPS (1000 LBS)
kV	KILOVOLT
kVA	KILOVOLT-AMPS
kW	KILOWATT
kWH	KILOWATT-HOUR
L	
LB	POUNDS
LF	LINEAR FOOT
LL	LIVE LOAD, LANDLORD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOG	LOOK-OUT GALLERY
LONG	LONGITUDINAL
LP	LOW POINT
LTG	LIGHTING
LWC	LIGHT WEIGHT CONCRETE
L	LENGTH
M	
MAX	MAXIMUM
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MO	MASONRY OPENING
MSB	MAIN SWITCHBOARD
MTD	MOUNTED
N	
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOC.
NF	NEAR FACE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O	
OA	OUTSIDE AIR
OC	ON CENTER
OCC	OCCUPANTS
OF	OUTSIDE FACE
OD	OUTSIDE DIAMETER
OH O	OPPOSITE HAND
PNG	OPENING
OSB	ORIENTED STRAND BOARD
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
P	
PAR	PARALLEL
PC	PIECE
PDU	POWER DISTRIBUTION UNIT
PH	PHASE
PL	PLATE
PLBG	PLUMBING
PNL	PANEL
PIV	POST INDICATOR VALVE
PSF	POUNDS PER SQUARE FOOT
PVC	POLYVINYL CHLORIDE
PWD	PLYWOOD
Q	
QTY	QUANTITY
R	
RA	RETURN AIR
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE:	REFERENCE, REFER
REINF	REINFORCING
REQD	REQUIRED
RO	ROUGH OPENING
RPM	REVOLUTIONS PER MINUTE
RTU	ROOFTOP UNIT
S	
SCHED	SCHEDULED
SD	SMOKE DAMPER, STORM DRAIN
SECT	SECTION
S	SENSOR
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SHT MTL	SHEET METAL SPECIFICATION
SPEC	SQUARE
SQ	STAINLESS STEEL, SANITARY SEWER
SS	STANDARD
STD	STEEL
STL STIFF	STIFFENER
STIR	STIRRUPS
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SJ	SAW JOINT
T	
T&B	TOP AND BOTTOM
TFTG	TOP OF FOOTING
TEMP	TEMPERATURE
THICK	THICKNESS
THRESH	THRESHOLD
TO	TOP OF
TOJ	TOP OF JOIST
TOS	TOP OF STEEL
THRU	THROUGH
T	THERMOSTAT
TYP	TYPICAL
T	THICKNESS (STRUCT)
TS	TUBULAR STEEL (STRUCT)
TRS	TRUSS (STRUCT)
U	
UL	UNDERWRITERS LABORATORIES, INC.
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	
V	VOLT
VA	VOLT-AMPERE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VRC	VERTICAL RECIPROCATING CONVEYOR
VTR	VENT THROUGH ROOF
W	
W	WIDTH
W/	WITH
W/O	WITHOUT
WCO	WALL CLEANOUT
WC	WATER CLOSET
WD	WOOD
WL	WIND LOAD
WP	WEATHERPROOF
WO	WALL OPENING
WWF	WELDED WIRE FABRIC
WF	WIDE FLANGE (STRUCT)
X	
XFMR	TRANSFORMER
Y	
YD	YARD

DRAWING INDEX



1 LIFE SAFETY PLAN
3/32" = 1'-0"

GENERAL NOTES

A. ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES SHALL BE FIRESTOPPED AND SEALED WITH APPROVED MATERIALS TO MAINTAIN FIRE RATINGS.
B. THE LIFE SAFETY PLANS ARE DIAGRAMMATIC ONLY. THEIR PURPOSE IS SOLELY TO REPRESENT THE LIFE SAFETY COMPONENTS FOR THE PROJECT. THE GENERAL CONTRACTOR SHALL USE THE CONSTRUCTION DOCUMETS FOR THE IMPLEMENTATION OF THE REQUIRED LIFE SAFETY COMPONENTS.
C. THE CONTRACTOR SHALL MAINTAIN ALL MEANS OF EGRESS FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE COVERED WALKS TO MAINTAIN EGRESS AND SAFE PASSAGE FROM THE BUILDING TO THE PUBLIC WAY AND AS REQUIRED BY THE AUTHORITY HAVING JURISDICATION.
D. THE CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION WHILE WORKING IN THE SPACES BELOW OR ABOVE THE AREA OF THE PROJECT.
E. THE CONTRACTOR SHALL PROVIDE BARRIERS, TEMPORARY PARTITIONS TO PROTECT OCCUPANTS FROM PHYSICAL HAZARD AND NOISE DURING THE PROJECT.
F. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF CONSTRUCTION DOORS IN CONSTRUCTION BARRIERS. DOORS AND FRAMES IN CONSTRUCTION BARRIERS TO BE GASKETED. HOLLOW METAL DOORS TO BE SELF-CLOSING AND LOCKABLE.
G. THE CONTRACTOR SHALL COORDINATE DEMOLITION OF EXISTING CONSTRUCTION TO MINIMIZE DISRUPTION OFF BUILDING OPERATIONS.
H. THE CONTRACTOR SHALL ADVISE THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY LIFE SAFETY COMPONENT THAT IS SHOWN ON THE LIFE SAFETY PLANS BUT HAS NOT TO BE INCLUDED IN CONSTRUCTION DOCUMENTS.
I. THE EXISTING TO REMAIN PORTIONS OF THE PROJECT WERE PROVIDED TO THE ARCHITECT BY THE OWNER. THE ARCHITECT TAKES NO RESPONSIBILITY FOR THE ACCURACY BEYOND THE LIMITS OF CONSTRUCTION AS DEFINED IN THE CONSTRUCTION DOCUMENTS.
J. CONTRACTOR IS REQUIRED TO COORDINATE FINAL LOCATION AND QUANTITY OF FIRE EXTINGUISHERS WITH AUTHORITY HAVING JURISDICTION. (FIRE EXTINGUISHERS ARE TO BE OWNER SUPPLIED; CABINETS AND BRACKETS ARE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
K. PROVIDE 2 x DRICON (OR APPROVED EQUAL) FIRE RETARDANT TREATED WOOD BLOCKING BEHIND GYP. BD. AT ALL FIXTURES, MILLWORK AND EQUIPMENT THAT REQUIRES WOOD BLOCKING FOR INSTALLATION. REPLACE ALL WATER DAMAGED OR DAMAGED BLOCKING UNCOVERED DURING DEMOLITION AS REQUIRED.

PHASING NOTE:

1. CONTRACTOR SHALL ONLY RENOVATE A SINGLE RESTROOM AT A TIME, ONE MEN'S AND ONE WOMEN'S. ALL OTHER RESTROOM LOCATIONS AT THE SITE SHALL REMAIN IN SERVICE UNTIL RENOVATIONS OF THE RESTROOM OUT OF SERVICE ARE COMPLETE.
2. GC TO PROVIDE MOBILE PORTABLE RESTROOM TRAILER FOR THE EXTENT OF THE PROJECT. GC TO COORDINATE WITH USPS FOR EXACT LOCATION. ENSURE QUANTITIES OF FIXTURE MEETS ALL REQUIREMENTS STATED ON G-001 LIFE SAFETY SHEET.

LIFE SAFETY PLAN LEGEND

X / Y — X - ACTUAL CLEAR WIDTH OF LIMITING COMPONENT (INCHES); Y - EXIT CAPACITY
PATH OF TRAVEL TO EGRESS
EX — POSTED EGRESS SIGN
REMODEL WORK OR AREA OF NO WORK DOES NOT ADVERSELY AFFECT EGRESS

CODE INVESTIGATION

CHAPTER 3: USE & OCCUPANCY CLASSIFICATION (NO CHANGE)

GENERAL POST OFFICE / MAIL FACILITY:
BUSINESS OCCUPANCY (B) (NO CHANGE)

CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS
BUILDING AREA = UNLIMITED (NO CHANGE)

(SECTION 507.4 SPRINKLERED, ONE-STORY BUILIDING – THE AREA OF GROUP B, E, M OR S BUILDING NO MORE THAN ONE STORY ABOVE GRADE PLANE OF ANY CONSTRUCTION TYPE, SHALL NOT BE LIMITED WHERE THE BUILDING IS PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM THROUGHOUT AND IS SURROUNDED AND ADJOINED BY PUBLIC WAYS OR YARDS NOT LESS THAN 60 FT IN WIDTH)

CHAPTER 6: TYPE OF CONSTRUCTION (NO CHANGE)
TYPE 2B, UNPROTECTED, SPRINKLERED

CHAPTER 9: FIRE PROTECTION AND LIFE SAFETY SYSTEMS
SPRINKLER SYSTEM (MODIFICATION DUE TO NEW CONSTRUCTION)
FIRE ALARM (MODIFICATION DUE TO NEW CONSTRUCTION)

CHAPTER 10: MEANS OF EGRESS
BUSINESS AREA

63,509 SF / 150 SF PER OCCUPANT = 424 OCCUPANTS

1005.3.2 MEANS OF EGRESS SIZING – OTHER EGRESS COMPONENTS

TOTAL OCCUPANY LOAD (424) x 0.2 IN. PER OCCUPANT
84.8" REQUIRED; 408" PROVIDED

1006.3.2 MINUMUM NUMBER OF EXITS OR ACCESS TO EXITS PER STORY
OCCUPANT LOAD PER STORY (424)
2 REQUIRED, 11 PROVIDED

1007 EXIT AND EXITY DOOR CONFIGURATION
SEPARATION DISTANCE BETWEEN DOORS
380'-10" / 3 = 126'-11" MIN..
PROVIDED = 284'-0" PROVIDED

1017.2 EXIT TRAVEL DISTANCE
300'-0" PER 2020 WASHINGTON BLDG CODE. WITH SPRINKLER SYSTEM

TABLE 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES
BUSINESS CLASSIFICATION

USPS CALCULATIONS FOR TOTAL EMPLOYEES AT THIS LOCATION

AT THE TIME OF PRODUCTION OF THIS SET OF DOCUMENTS, USPS WAS UNABLE TO PROVIDE CURRENT EMPLOYEE COUNTS FOR THIS LOCATION.

BASED UPON THE NUMBER OF FIXTURES PROVIDED, CROSS-REFERENCED WITH THE USPS FIXTURE COUNT STANDARDS, THE FOLLOWING IS CONCLUDED:

CURRENT MEN'S RESTROOM PROVIDES 7 FIXTURES, WHICH WILL ACCOMODATE UP TO 190 MEN, BASED ON USPS STANDARDS.

CURRENT WOMEN'S RESTROOM PROVIDES 7 FIXTURES, WHICH WILL ACCOMODATE UP TO 190 WOMEN, BASED ON USPS STANDARDS.

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LIFE SAFETY PLAN & CODE REVIEW

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Date: 06.25.2023

G-001

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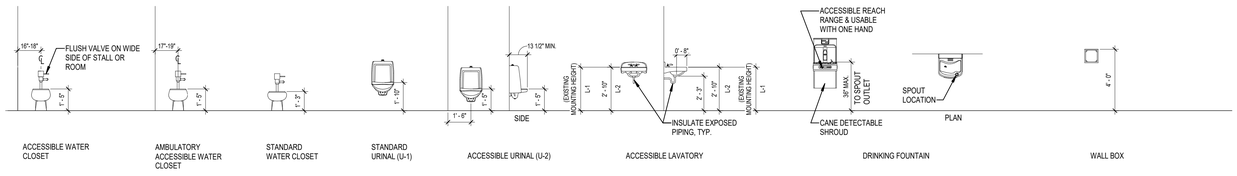
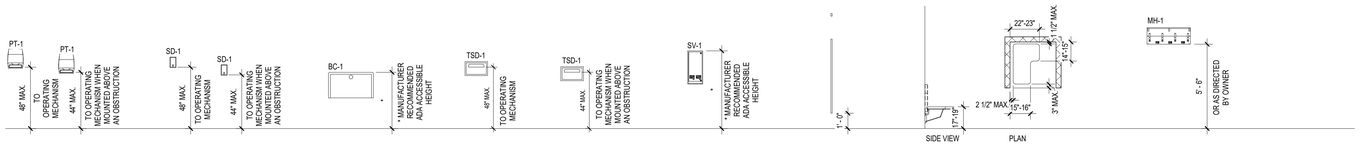
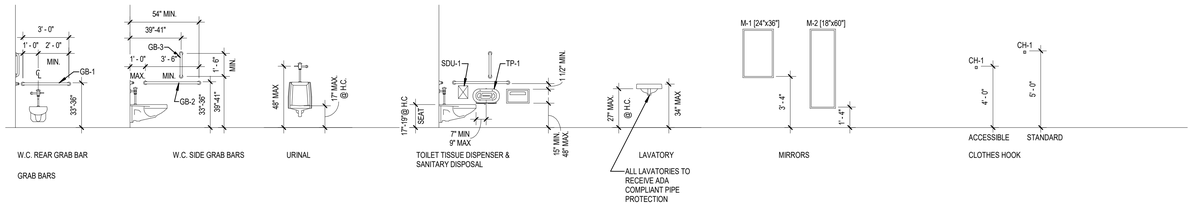
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03



4 TYPICAL PLUMBING FIXTURE MOUNTING HEIGHTS

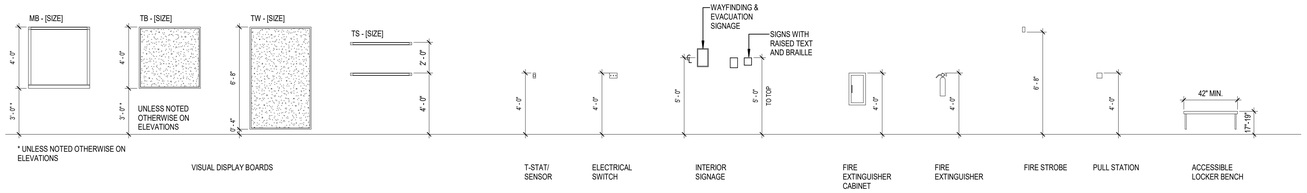
1/4" = 1'-0"





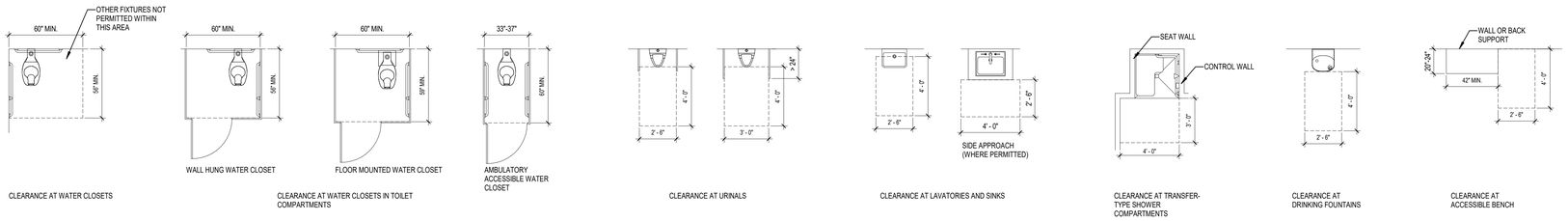
3 TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS

1/4" = 1'-0"



2 TYPICAL MOUNTING HEIGHTS

1/4" = 1'-0"



1 ACCESSIBLE FIXTURE CLEARANCES

1/4" = 1'-0"

GENERAL NOTES

A. THE INTENT OF THESE ELEVATIONS IS TO SHOW LOCATIONS OF MAJOR INTERIOR ELEMENTS. ELEVATIONS MAY NOT SHOW ALL ITEMS IN ALL ROOMS.
B. SEE INTERIOR DETAILS FOR ADDITIONAL CASEWORK INFORMATION.
C. CASEWORK SHALL HAVE A 4" BACKSPLASH AND/OR SIDESPLASH AND 4" TOE KICK UNLESS NOTED OTHERWISE (U.N.O.).
D. WALL CABINETS 24" HIGH SHALL HAVE ONE ADJUSTABLE SHELF. WALL CABINETS 25"-36" HIGH SHALL HAVE TWO ADJUSTABLE SHELVES UNLESS INDICATED OTHERWISE ON ELEVATIONS.
E. BASE CABINETS SHALL HAVE ADJUSTABLE SHELVES AS INDICATED ON ELEVATIONS AND DETAILS (MINIMUM OF ONE SHELF).
F. CABINET SHELVING SHALL BE FULL DEPTH. DRAWER BOXES SHALL BE FULL HEIGHT. PROVIDE MAXIMUM DRAWER BOX DEPTH AVAILABLE.
G. INSTALL CHAIN STOPS IN ALL LOCATIONS WHERE CABINET DOOR IS ADJACENT TO A WALL OR OTHER OBSTRUCTION.
H. INSTALL FILLER PANELS WHERE REQUIRED. INSTALL FILLER PANEL AT WALL JUNCTURE TO ALLOW DOORS TO OPEN COMPLETELY (MINIMUM 100 DEGREES). IF REQUIRED BY CABINET CONSTRUCTION.
I. BASE AND TALL CABINETS SHALL BE 24" DEEP U.N.O. WALL CABINETS SHALL BE 14"-15" DEEP U.N.O.
J. INSTALL HEAVY-DUTY WORKSURFACE SUPPORT BRACKETS AS REQUIRED TO FULLY SUPPORT WORKSURFACE. BRACKETS SHALL BE METAL WITH WIREWAY OPENING (A&M HARDWARE WORK STATION OR HYBRID BRACKETS OR EQUAL). COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
K. INSTALL GROMMETS IN WORKSURFACES FOR ACCESS TO ELECTRIC AND DATA OUTLETS. COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
L. ALL OUTSIDE CORNERS OF GYPSUM BOARD WALLS SHALL HAVE A CORNER GUARD U.N.O. CORNER GUARDS SHALL BE INSTALLED AT TOP OF BASE.
M. LOCKER RUNS WITHOUT END WALL SHALL HAVE BOXED END PANELS. PROVIDE FILLER AT LOCKER/WALL JUNCTURE WHERE REQUIRED. COORDINATE WITH CASEWORK ABOVE WHERE OCCURS.
N. PROVIDE 2 x DRICON (OR APPROVED EQUAL) FIRE RETARDANT TREATED WOOD BLOCKING BEHIND GYP. BD. AT ALL FIXTURES, MILLWORK AND EQUIPMENT THAT REQUIRES WOOD BLOCKING FOR INSTALLATION. REPLACE ALL WATER DAMAGED OR DAMAGED BLOCKING UNCOVERED DURING DEMOLITION AS REQUIRED.

PLUMBING FIXTURE / ACCESSORY LEGEND:

EWC-1	DRINKING FOUNTAIN / BOTTLE FILLER
FR-1	REFRIGERATOR
GB-1	GRAB BAR, 36"
GB-2	GRAB BAR, 42"
GB-3	GRAB BAR, 18"
L-1	LAVATORY
L-2	ADA LAVATORY
M-1	ICE MACHINE
M-1	MIRROR 24"x36"
M-2	MIRROR 18"x60"
MH-1	MOP / BROOM HOLDER W/ SHELF
MV-1	MICROWAVE - EXISTING TO REMAIN
P-1	TOILET PARTITION
PT-1	PAPER TOWEL DISPENSER
PT-2	PAPER TOWEL DISPOSAL UNIT
S-1	COUNTERTOP SINK
SD-1	SOAP DISPENSER
SDU-1	SANITARY DISPOSAL UNIT
SV-1	SANITARY VENDOR
TP-1	TOILET PAPER DISPENSER
U-1	URINAL
UP-1	URINAL PARTITION SCREEN
US-1	UTILITY SINK
VM-1	VENDING MACHINE
WC-1	WATER CLOSET
WC-2	WATER CLOSET

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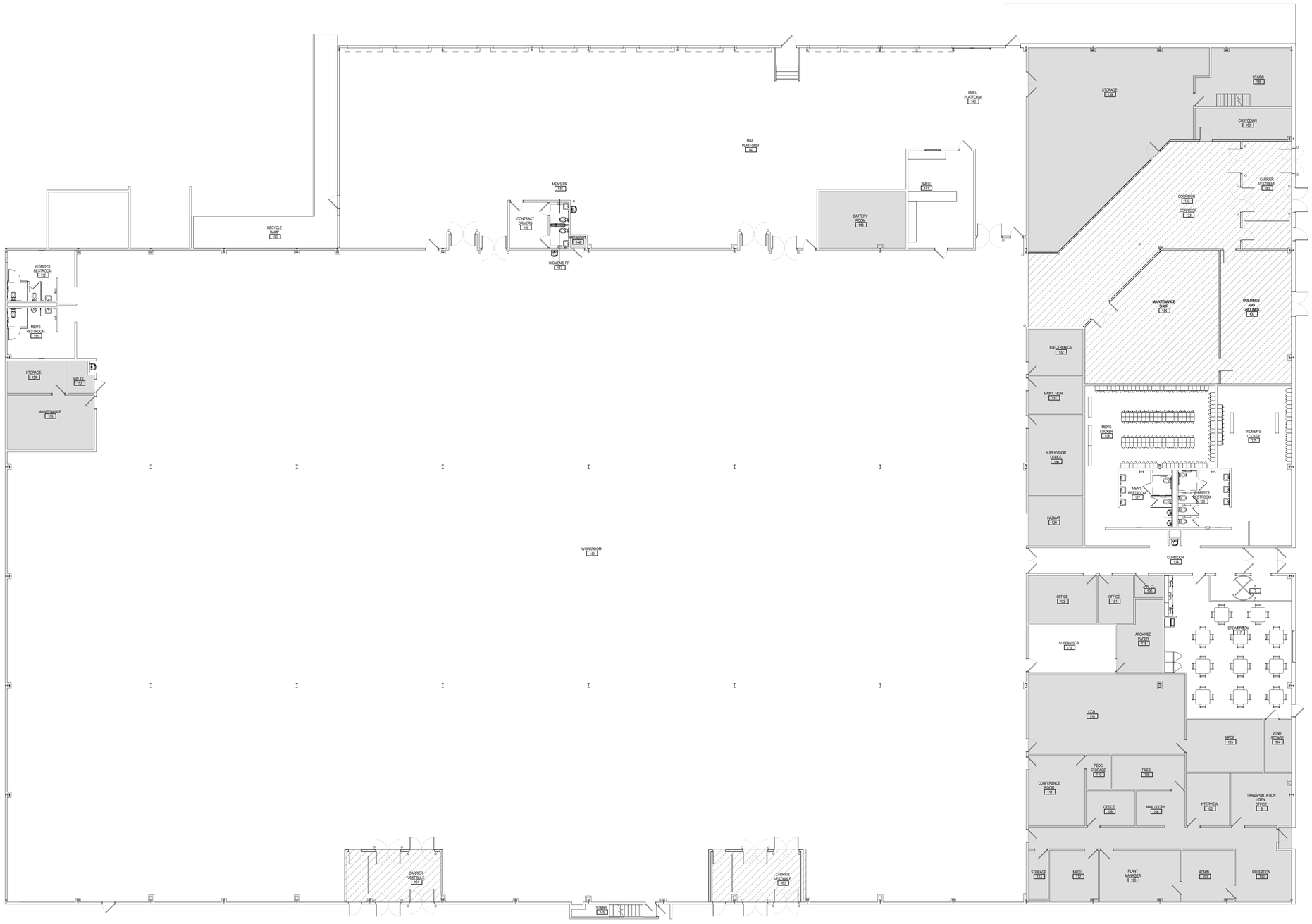
G-002

TYPICAL MOUNTING HEIGHTS

Revisions: CONSTRUCTION SET
Date: 05.25.2023

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-003



1 AREAS OF RESPONSIBILITY
3/32" = 1'-0"

GENERAL NOTES

A. ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES SHALL BE FIRESTOPPED AND SEALED WITH APPROVED MATERIALS TO MAINTAIN FIRE RATINGS.
B. THE LIFE SAFETY PLANS ARE DIAGRAMMATIC ONLY. THEIR PURPOSE IS SOLELY TO REPRESENT THE LIFE SAFETY COMPONENTS FOR THE PROJECT. THE GENERAL CONTRACTOR SHALL USE THE CONSTRUCTION DOCUMETS FOR THE IMPLEMENTATION OF THE REQUIRED LIFE SAFETY COMPONENTS.
C. THE CONTRACTOR SHALL MAINTAIN ALL MEANS OF EGRESS FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE COVERED WALKS TO MAINTAIN EGRESS AND SAFE PASSAGE FROM THE BUILDING TO THE PUBLIC WAY AND AS REQUIRED BY THE AUTHORITY HAVING JURSIDICATION.
D. THE CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION WHILE WORKING IN THE SPACES BELOW OR ABOVE THE AREA OF THE PROJECT.
E. THE CONTRACTOR SHALL PROVIDE BARRIERS, TEMPORARY PARTITIONS TO PROTECT OCCUPANTS FROM PHYSICAL HAZARD AND NOISE DURING THE PROJECT.
F. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF CONSTRUCTION DOORS IN CONSTRUCTION BARRIERS. DOORS AND FRAMES IN CONSTRUCTION BARRIERS TO BE GASKETED. HOLLOW METAL DOORS TO BE SELF-CLOSING AND LOCKABLE.
G. THE CONTRACTOR SHALL COORDINATE DEMOLITION OF EXISTING CONSTRUCTION TO MINIMIZE DISRUPTION OFF BUILDING OPERATIONS.
H. THE CONTRACTOR SHALL ADVISE THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY LIFE SAFETY COMPONENT THAT IS SHOWN ON THE LIFE SAFETY PLANS BUT HAS NOT TO BE INCLUDED IN CONSTRUCTION DOCUMENTS.
I. THE EXISTING TO REMAIN PORTIONS OF THE PROJECT WERE PROVIDED TO THE ARCHITECT BY THE OWNER. THE ARCHITECT TAKES NO RESPONSIBILITY FOR THE ACCURACY BEYOND THE LIMITS OF CONSTRUCTION AS DEFINED IN THE CONSTRUCTION DOCUMENTS.
J. CONTRACTOR IS REQUIRED TO COORDINATE FINAL LOCATION AND QUANTITY OF FIRE EXTINGUISHERS WITH AUTHORITY HAVING JURISDICTION. (FIRE EXTINGUISHERS ARE TO BE OWNER SUPPLIED; CABINETS AND BRACKETS ARE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
K. PROVIDE 2 x DRICON (OR APPROVED EQUAL) FIRE RETARDANT TREATED WOOD BLOCKING BEHIND GYP. BD. AT ALL FIXTURES, MILLWORK AND EQUIPMENT THAT REQUIRES WOOD BLOCKING FOR INSTALLATION. REPLACE ALL WATER DAMAGED OR DAMAGED BLOCKING UNCOVERED DURING DEMOLITION AS REQUIRED.

HATCH LEGEND

	R&A FUNDED
	SDC FUNDED
	NO WORK

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PROJECT MANAGER	DESIGNER
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JOB NO. 2022359.19

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AREAS OF RESPONSIBILITY

Revisions: CONSTRUCTION SET
Date: 09.25.2023

G-003

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

GENERAL PROVISIONS:

TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE WORK EXCEPT WHERE SPECIFICALLY DETAILED OR UNLESS OTHERWISE NOTED.

DRAWINGS ARE NOT TO BE SCALED.

FOR DIMENSIONS NOT SHOWN, COORDINATE WITH ARCHITECTURAL DRAWINGS.

THE CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS TO IDENTIFY THE SCOPE OF WORK REQUIRED, VISIT THE SITE TO RELATE THE SCOPE OF WORK TO EXISTING CONDITIONS, AND DETERMINE THE EXTENT OF WHICH THOSE CONDITIONS AND PHYSICAL SURROUNDINGS WILL IMPACT THE WORK.

EXISTING CONDITIONS AS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. THE CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL ASSUME THE MOST STRINGENT REQUIREMENTS APPLY IN CASE OF CONFLICT AMONG SPECIFICATIONS, STANDARDS, CODES AND DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY TO RESOLVE THE CONFLICT.

ANY DEVIATION, MODIFICATION, OR SUBSTITUTION FROM THE BID SET OF STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW/APPROVAL PRIOR TO ITS USE OR INCLUSION ON THE SHOP DRAWINGS. WITHOUT SUCH PRIOR APPROVAL, DEVIATIONS, MODIFICATIONS, OR SUBSTITUTIONS WILL BE REJECTED. COSTS FOR DEMOLITION AND REWORK OF SUCH ITEMS WILL BE BORNE BY THE CONTRACTOR.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED FOR IN-SERVICE LOADS ONLY. THE MEANS, METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TEMPORARY SYSTEMS (SHORING, BRACING, GUYS, FALSEWORK, FORMWORK, SHEETING ETC.) TO ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. ALL WORK SHALL BE PERFORMED WITHOUT DAMAGE TO ADJACENT EXISTING WORK. SHORING SYSTEMS SHALL BE DESIGNED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE JURISDICTION WHERE THE PROJECT IS LOCATED.

THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL REVIEW THE STRUCTURAL CONTRACT DOCUMENTS AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY CONFLICTS BETWEEN THOSE DOCUMENTS AND ANY SAFETY REGULATIONS. SUCH REVIEW AND NOTIFICATION SHALL OCCUR PRIOR TO PRODUCTION OF SHOP DRAWINGS.

THE CONTRACTOR SHALL PROTECT ALL WORK, MATERIALS, AND EQUIPMENT FROM DAMAGE AND SHALL PROVIDE PROPER STORAGE FACILITIES FOR MATERIALS AND EQUIPMENT DURING CONSTRUCTION.

SITE VISITS PERFORMED BY THE ARCHITECT/ENGINEER DO NOT INCLUDE INSPECTIONS OF MEANS AND METHODS OF CONSTRUCTION PERFORMED BY THE CONTRACTOR.

STRUCTURAL OBSERVATIONS PERFORMED BY THE ARCHITECT/ENGINEER DURING CONSTRUCTION ARE NOT THE CONTINUOUS AND SPECIAL INSPECTION SERVICES AND DO NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING DEPARTMENT INSPECTOR OR THE TESTING AGENCY. ALSO, OBSERVATIONS DO NOT GUARANTEE THE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.

DEMOLITION:

LOCATE ALL EXISTING UNDERGROUND UTILITIES IN AREA OF CONSTRUCTION. COORDINATE WITH LOCAL UTILITY COMPANIES FOR ANY SHUT-OFF REQUIREMENTS OF STILL ACTIVE LINES.

PRIOR TO START OF ANY WORK, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE BUILDINGS/PROPERTIES EXISTING CONDITIONS AND THAT OF ADJOINING BUILDING/PROPERTIES.

DEMOLITION PROCEDURES, SHORING REQUIREMENTS, SEQUENCE TECHNIQUES, ETC., ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AS NOTED IN "GENERAL PROVISIONS". ANY TECHNIQUES AND/OR PROCEDURES IMPLIED BY THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE SUGGESTIONS ONLY. CONTRACTOR SHALL SUBMIT DRAWINGS, SIGNED AND SEALED BY THE CONTRACTOR'S LICENSED ENGINEER (IN PROJECT'S JURISDICTION), TO THE OWNER AND ENGINEER OF RECORD FOR CONCEPT REVIEW AND RECORD PURPOSES. THE CONTRACTOR'S ENGINEER IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION PHASING, LOADINGS, AND SEQUENCING REQUIREMENTS FOR THE JOB. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION, STABILITY, ETC., OF EXISTING AND NEW STRUCTURES DURING EXECUTION OF THE WORK.

CONTRACTOR SHALL PERFORM ALL WORK IN SUCH A MANNER AS TO PROTECT EXISTING AND ADJACENT STRUCTURES AND BE RESPONSIBLE TO PROPERLY REPAIR ANY DAMAGE THAT OCCURS AS A RESULT OF HIS WORK.

CONTRACTOR SHALL REPAIR ALL DAMAGE TO STREETS, SIDEWALKS, UTILITY LINES, OR ANY OTHER PUBLIC OR PRIVATE PROPERTIES RESULTING FROM THE EXECUTION OF THE WORK AT NO COST TO THE OWNER OR ENGINEER.

CEASE OPERATIONS AND NOTIFY OWNER AND ENGINEER IMMEDIATELY IF SAFETY OR INTEGRITY OF STRUCTURE APPEARS TO BE ENDANGERED. PROPERLY BRACE AND SUPPORT STRUCTURE BEFORE RESUMING OPERATIONS.

NOTIFY ARCHITECT AND ENGINEER IMMEDIATELY IF ANY PORTION OF EXISTING STRUCTURE, WHICH IS NOT TO BE DEMOLISHED, IS DAMAGED. CONTRACTOR SHALL PAY FOR ALL REPAIR COSTS, INCLUDING DESIGN AND INSPECTION EXPENSES.

DO NOT CUT OR ALTER ANY STRUCTURAL MEMBERS WITHOUT WRITTEN AUTHORIZATION OF THE ENGINEER OF RECORD UNLESS INDICATED ON THE STRUCTURAL DRAWINGS.

DO NOT ALLOW RESULTING DEBRIS TO ACCUMULATE. DISPOSE OF THIS MATERIAL IN A LEGAL MANNER.

DESIGN LOADINGS:

GOVERNING BUILDING CODE: WASHINGTON STATE BUILDING CODE (IBC 2018)

GRAVITY LOADS	
DEAD LOADS	ACTUAL MATERIAL WEIGHTS
GROUND SNOW LOAD	20 PSF
ROOF LIVE LOAD	20 PSF
LATERAL DESIGN DATA	
WIND DESIGN DATA (ASCE 7-16)	
BASIC WIND SPEED (Vult)	97 MPH
RISK CATEGORY	II
IMPORTANCE FACTOR	1.0
EXPOSURE CATEGORY	B
SEISMIC DESIGN DATA (ASCE 7-16)	
SEISMIC IMPORTANCE FACTOR (I)	1.0
RISK CATEGORY	II
SITE CLASS	D (ASSUMED)
MAPPED SPECTRAL RESPONSE	
SHORT PERIODS (Ss)	1.378
1 SEC. PERIODS (S1)	0.518
SPECTRAL RESPONSE COEFF.	
SHORT PERIODS (Sds)	0.919
1 SEC. PERIODS (Sd1)	0.615
SEISMIC DESIGN CATEGORY	D

CONCRETE:

GENERAL:

ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301-10, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" AND ACI 302, 305 AND 306 UNLESS NOTED OTHERWISE.

ALL DETAILING, FABRICATION AND PLACING OF CONCRETE SHALL CONFORM TO ACI 318-14, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI "MANUAL OF STANDARD PRACTICE FOR DETAIL REINFORCED CONCRETE STRUCTURES" UNLESS NOTED OTHERWISE.

SAFETY AND PERFORMANCE OF THE STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR INSOFAR AS THEY ARE AFFECTED BY THE LOCATION AND DETAILS OF CONSTRUCTION JOINTS. SHOP DRAWINGS OF THE PROPOSED CONSTRUCTION JOINT LOCATIONS AND DETAILS ARE TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:

ALL CONCRETE - 4000 PSI

ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 6% (± 1%) AIR ENTRAINMENT.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A1064 AND BE FURNISHED IN FLAT SHEETS AND INSTALLED ON CHAIRS OR PRECAST CONCRETE BLOCKS.

NO TACK WELDING OF REINFORCING IN THE FIELD IS PERMITTED.

PROVIDE CORNER BARS AT ALL LOCATIONS WHERE REINFORCEMENT CHANGES DIRECTION.

PROVIDE STRAIGHT AND DIAGONAL BARS AT EDGES OF ALL OPENINGS.

REINFORCING EMBEDMENT AND LAP SPLICES (INCHES) FOR 4000 PSI CONCRETE

BAR SIZE	OTHER ANCHORAGE	SPLICE	TOP* ANCHORAGE	SPLICE
# 3	15	19	19	24
# 4	19	25	25	33
# 5	24	31	31	41
# 6	29	37	37	49

* HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW BAR

PROVIDE DOVETAIL ANCHORS AT 2'-0" ON CENTER FOR ALL MASONRY FACED CONCRETE WALLS.

CLEAR MINIMUM COVER OF CONCRETE OVER REINFORCING BARS SHALL BE AS FOLLOWS:

CONCRETE PLACED AGAINST EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER	
#6 TO #18 BARS	2"
#5 BAR OR SMALLER	1 1/2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	
SLABS & WALLS #11 BAR AND SMALLER	3/4"
CONCRETE BEAMS, COLUMNS, & PIERS	1 1/2"

COLD-FORMED STEEL FRAMING:

METAL STUD MANUFACTURER SHALL BE A MEMBER OF THE STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA).

METAL STUD STRENGTH CRITERIA:

GAUGES 20 THROUGH 18 - 33 KSI MIN. YIELD STRESS
GAUGES 16 THROUGH 12 - 50 KSI MIN. YIELD STRESS
TRACK - 33 KSI MIN. YIELD STRESS

METAL STUD MEMBER DESIGNATION: 600 S 162 - 33

WEB DEPTH: 600 = 6"
MEMBER TYPE: S = STUD
FLANGE WIDTH: 162 = 1.625" (1 5/8")
MINIMUM THICKNESS IN MILS

METAL STUDS AND ACCESSORIES SHALL HAVE A G60 GALVANIZED COATING UNLESS NOTED OTHERWISE.

FASTENERS (USE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION RECOMMENDATIONS):

SCREWS:

NOTE: ALL SIMPSON CONNECTORS REFERENCED IN THESE PLANS SHALL USE SCREWS OR ANCHORS AND BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.

FASTENING STUD TO STUD
USE #10 SELF-DRILLING SIMPSON "X" METAL SCREWS UNLESS OTHERWISE NOTED.
MIN. EDGE DISTANCE = 3/4"
MIN. SPACING BETWEEN FASTENERS = 3/4"

FASTENING (MINIMUM FASTENING REQUIREMENTS, UNLESS NOTED OTHERWISE):

TRACK TO CONCRETE:
(1) FASTENERS AT 16" O.C. TYP WITH ADDITIONAL FASTENER 3" FROM END OF TRACK AND (1) FASTENERS MINIMUM AT JAMBS.

TRACK TO STRUCTURAL STEEL:
12" O.C. TYP. w/ADD'L FASTENER 3" FROM END OF TRACK AND (2) FASTENERS MINIMUM AT JAMBS.

STUD TO TRACK:
(1) #10 SCREW MINIMUM AT EACH FLANGE

STUD TO STUD:
(4) #10 SCREWS MINIMUM

STUD TO STEEL OR CONCRETE:
USE FASTENERS REFERENCED ON DRAWINGS. SEE DETAILS FOR CONNECTIONS, MINIMUM 2 FASTENERS.

WALL OPENING FRAMING: ALL STUDS CUT TO CREATE WALL OPENING MUST BE REPLACED WITH EQUAL FULL HEIGHT KING STUDS ON EACH SIDE OF THE OPENING.

NON LOAD BEARING PARTITIONS:

MECHANICAL BRACING OF STUDS IS NOT NECESSARY WHERE WALL SHEATHING IS ATTACHED ON BOTH SIDES OF THE STUDS.

WHEN ONLY ONE FACE OF THE STUDS RECEIVE SHEATHING, PROVIDE BRACING BY ONE OF THE FOLLOWING METHODS:

- COLD ROLLED CHANNEL, RUN HORIZONTALLY THROUGH STUD PUNCH OUTS AND ATTACHED AT EACH STUD.

- 2" WIDE, 18 GAUGE, STEEL STRAPS RUN HORIZONTALLY, ON BOTH SIDES OF THE STUDS, AND ATTACHED AT EACH STUD.

NOTE: VERTICAL SPACING OF THE BRACING IS LIMITED TO A MAXIMUM OF 4'-0" THROUGHOUT THE HEIGHT OF THE WALL. PROVIDE ALL ACCESSORIES AS REQUIRED BY THE METAL STUD MANUFACTURER.

JOISTS SHALL BE FABRICATED TO PROVIDE 12" OF UNPUNCHED WEB AT BEARING ENDS.

PROVIDE JOIST WEB STIFFENERS PER METAL STUD MANUFACTURERS' RECOMMENDATIONS AT BEARING POINTS.

PROVIDE END BLOCKING WHERE JOISTS ARE NOT RESTRAINED AGAINST ROTATION.

NO LIGHT GAUGE MEMBER, THAT HAS BEEN TRIMMED OR CUT, SHALL BE INSTALLED SO THAT AN EDGE OF A WEB PUNCH OUT OCCURS WITHIN 10" MINIMUM OF THE TRIMMED OR CUT MEMBER END.

ALL MEMBER CUTTING MUST BE PERFORMED USING A SAW OR SHEAR. NO TORCH CUTTING IS ALLOWED AT ANY TIME. ALSO CUTTING OF ADDITIONAL HOLES, OTHER THAN THOSE PROVIDED BY THE MANUFACTURER, IN THE MEMBER WEB IS NOT PERMITTED AT ANY TIME.

SPLICING OF AXIALLY LOADED MEMBERS IS NOT ALLOWED AT ANY TIME.

BUILT UP LIGHT GAUGE HEADERS, CONSTRUCTED FOR EXTERIOR WALL CONDITIONS, SHALL HAVE INSULATION PLACED WITHIN THEM PRIOR TO THEIR INSTALLATION IN WALL SYSTEM.

SUBMITTALS:

PRODUCT DATA: FOR EACH TYPE OF COLD FORMED METAL FRAMING PRODUCT AND ACCESSORY INDICATED.

QUALITY ASSURANCE:

INSTALLER QUALIFICATIONS: AN EXPERIENCED INSTALLER WHO HAS COMPLETED COLD FORMED METAL FRAMING SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT AND WHOSE WORK HAS RESULTED IN CONSTRUCTION WITH A RECORD OF SUCCESSFUL IN SERVICE PERFORMANCE.

INSTALLATION SHALL CONFORM TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

AISI SPECIFICATIONS: COMPLY WITH AISI'S "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" OR "LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR COLD FORMED STEEL STRUCTURAL MEMBERS".

SPECIAL INSPECTION AND TESTING:

THIS PROJECT REQUIRES SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE. THESE NOTES AND THE STATEMENT OF SPECIAL INSPECTIONS PREPARED FOR THE PROJECT OWNER ARE INTENDED TO INFORM THE CONTRACTOR OF THE QUALITY ASSURANCE PROGRAM AND THE EXTENT OF THE CONTRACTOR'S RESPONSIBILITIES.

THE SPECIAL INSPECTIONS AND TESTING PROGRAM:

THE SPECIAL INSPECTION AND TESTING PROGRAM IS A QUALITY ASSURANCE PROGRAM INTENDED TO ENSURE THAT THE WORK IS PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN IBC SECTION 110. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITY TO COMPLY WITH THE OFFICIAL CONTRACT DOCUMENTS. FURTHER, IT IS NOT INTENDED THAT THE CONTRACTOR'S CONTRACTUAL AND STATUTORY OBLIGATIONS ARE ANYWAY RELIEVED OR FOREGONE BY THE PRESENCE OF THE SPECIAL INSPECTOR. THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR ANY DEVIATIONS FROM THE OFFICIAL CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR DOES NOT REPLACE THE DUTIES OF THE BUILDING OFFICIAL NOR THE QUALITY CONTROL RESPONSIBILITIES AND PERSONNEL OF THE CONTRACTOR. JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

THE PROJECT OWNER IS RESPONSIBLE FOR EMPLOYING SPECIAL INSPECTION SERVICES. THE SPECIAL INSPECTOR/AGENCY SHALL NOT BE IN THE EMPLOY OF THE CONTRACTOR, SUBCONTRACTOR OR MATERIAL SUPPLIER, IBC SEC. 1704.2. IN THE CASE OF AN OWNER/CONTRACTOR, THE SPECIAL INSPECTOR/AGENCY SHALL BE EMPLOYED AS SPECIFIED BY THE BUILDING OFFICIAL.

THE SPECIAL INSPECTOR IS OBLIGATED TO BOTH THE OWNER AND THE BUILDING OFFICIAL FOR OBSERVING THAT THE WORK IS EXECUTED IN SUBSTANTIVE ACCORDANCE WITH THE OFFICIAL CONTRACT DOCUMENTS. THE OFFICIAL CONTRACT DOCUMENTS ARE DEFINED AS THE PERMITTED PLANS AND SPECIFICATIONS, ADDENDA, CHANGE ORDERS, ISSUED SKETCHES AND REVISION DRAWINGS, AND ALL DIRECTIVES ISSUED BY ARCHITECT/ENGINEER.

THE INSPECTION AND TESTING AGENTS SHALL DISCLOSE ANY PAST OR PRESENT BUSINESS RELATIONSHIP OR POTENTIAL CONFLICT OF INTEREST WITH THE CONTRACTOR OR ANY OF THE SUBCONTRACTORS WHOSE WORK IS TO BE INSPECTED OR TESTED. THE SPECIAL INSPECTORS MAY HAVE NO FINANCIAL INTEREST IN PROJECTS FOR WHICH THEY PROVIDE SPECIAL INSPECTION SERVICES.

SPECIAL INSPECTION REPORT REQUIREMENTS:

SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF ALL INSPECTIONS AND TESTS. THE SPECIAL INSPECTOR SHALL FURNISH THE INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT THE WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS, TESTS, AND CORRECTION OF ANY OF THE DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

CONTRACTOR RESPONSIBILITIES:

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTOR IN ADVANCE OF CONSTRUCTION SCHEDULES AND PLANNED OPERATIONS IN ORDER TO ASSURE TIMELY AND APPROPRIATE INSPECTION FOR THE ITEMS LISTED IN THE SCHEDULE OF SPECIAL INSPECTIONS. THE CONTRACTOR SHALL PROVIDE ADEQUATE NOTICE TO THE SPECIAL INSPECTOR FOR ALL INSPECTIONS.

THE CONTRACTOR SHALL COOPERATE WITH AND ASSIST THE SPECIAL INSPECTOR IN PERFORMING HIS INSPECTION DUTIES. THE SPECIAL INSPECTOR SHALL HAVE FREE ACCESS TO THE PROJECT AT ALL TIMES. THE CONTRACTOR SHALL REVIEW THE SPECIAL INSPECTION PLAN AND COORDINATE THE SCHEDULE OF WORK TO ACCOMMODATE THE REQUIRED INSPECTIONS.

PROVIDE ACCESS TO APPROVED PLANS: THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE SPECIAL INSPECTOR ACCESS TO APPROVED PLANS. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF THE CONTRACT DOCUMENTS AT THE JOB SITE.

CORRECT DISCREPANCIES AND DEVIATIONS: THE CONTRACTOR SHALL, UPON BEING INFORMED BY THE SPECIAL INSPECTOR, IMMEDIATELY CAUSE TO ELIMINATE SUCH DISCREPANCIES AND DEVIATIONS.

WORK COMPLETED WITHOUT INSPECTION: WORK REQUIRING INSPECTION WHICH IS COMPLETED WITHOUT INSPECTION WILL BE REJECTED SOLELY ON THAT BASIS.

RETAIN SPECIAL INSPECTION RECORDS: THE CONTRACTOR IS ALSO RESPONSIBLE FOR RETAINING AT THE JOB SITE ALL SPECIAL INSPECTION RECORDS COMPLETED BY THE SPECIAL INSPECTOR.

COORDINATE AND SUBMIT: THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING TO THE BUILDING OFFICIAL AND THE OWNER A STATEMENT OF CONTRACTOR RESPONSIBILITY, IBC SECTION 1704.4, FOR THEMSELVES AND FOR SUBMITTING A STATEMENT OF CONTRACTOR RESPONSIBILITY FOR EACH STRUCTURAL COMPONENT SUBCONTRACTOR. THE STATEMENTS OF RESPONSIBILITY SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT.

A. THE STATEMENT OF CONTRACTOR RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:

1. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.
2. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF THE REPORTS.
4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSONS EXERCISING SUCH CONTROL AND THEIR POSITIONS IN THE ORGANIZATION.

B. STRUCTURAL COMPONENT SUBCONTRACTORS INCLUDE BUT ARE NOT LIMITED TO STRUCTURAL STEEL FABRICATORS AND ERECTORS, COMPONENT FABRICATORS SUCH AS STEEL JOISTS, METAL OR WOOD TRUSSES, CONCRETE, AND MASONRY CONTRACTORS

C. AT THE COMPLETION OF STRUCTURAL COMPONENT FABRICATION, THE FABRICATORS SHALL SUBMIT A CERTIFICATE OF COMPLIANCE STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS OF:

RETESTING AND REINSPECTION OF MATERIALS, WORK, AND/OR PRODUCTS THAT DO NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHOP DRAWINGS/SUBMITTAL DATA.

REVIEW OF PROPOSED REPAIR AND/OR REPLACEMENT PROCEDURES BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND THE INSPECTORS AND TESTING AGENCIES.

REPAIR OR REPLACEMENT OF WORK THAT DOES NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

THE CONTRACTOR IS RESPONSIBLE FOR THE TRAVEL COSTS OF THE SPECIAL INSPECTOR OR AGENTS WHEN SHOP INSPECTION IS REQUIRED OF A NON APPROVED STRUCTURAL COMPONENT FABRICATOR.

INSPECTION OF FABRICATION:

WHERE FABRICATION OF STRUCTURAL, LOAD BEARING, OR LATERAL LOAD RESISTING MEMBERS OR ASSEMBLIES ARE PERFORMED ON THE PREMISES OF THE FABRICATOR, THE SHOP FABRICATION REQUIRES SPECIAL INSPECTION DURING THE FABRICATION OF ITEMS FOR THIS PROJECT.

EXEMPTION:

FABRICATORS APPROVED BY THE BUILDING OFFICIAL ARE EXEMPT FROM THE ON PREMISE INSPECTION. THE APPROVAL BY THE BUILDING OFFICIAL OF ANY FABRICATOR SHOULD BE PROPERLY DOCUMENTED PRIOR TO THE COMMENCEMENT OF FABRICATION. EXEMPTION WILL BE PROVIDED TO FABRICATORS WHO PROVIDE PROOF OF CERTIFICATION BY A NATIONALLY RECOGNIZED GOVERNING ASSOCIATION WHICH PERFORMS PERIODIC INSPECTIONS AND MAINTAINS QUALITY ASSURANCE CRITERIA.

EXAMPLES ARE: AISC CERTIFICATION FOR A STEEL FABRICATOR, SJI CERTIFICATION FOR A STEEL JOIST MANUFACTURER, WTC AND TPI CERTIFICATION FOR A PRE-ENGINEERED WOOD TRUSS MANUFACTURER.

AT THE COMPLETION OF FABRICATION, THE FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

CONCRETE TESTING NOTES:

CONCRETE TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318 AND THE SCHEDULE OF SPECIAL INSPECTIONS. SAMPLES FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 75 CUBIC YARDS. OF CONCRETE USED FOR FOOTINGS, NOR LESS THAN ONCE FOR EACH 5000 SQUARE FEET OF SURFACE AREA FOR SLABS. TEST REPORTS INDICATING NON-COMPLIANCE SHALL BE PROVIDED TO THE OWNER, ARCHITECT AND CONTRACTOR. A COPY OF THE TEST REPORTS SHALL BE AVAILABLE AT THE JOBSITE.

OTHER REQUIRED INSPECTIONS:

THE REQUIREMENTS OF SPECIAL INSPECTIONS AND TESTING IN ACCORDANCE OF THE INTERNATIONAL BUILDING CODE ARE MINIMUM REQUIREMENTS AND DO NOT LIMIT THE REQUIREMENTS FOR THE CONTRACTOR TO PROVIDE OTHER QUALITY CONTROL INSPECTIONS AND TESTING REQUIRED BY THE OWNER, CONTRACT DOCUMENTS, OR OTHER GOVERNING AUTHORITIES HAVING JURISDICTION.

NOTES:
1. THE INSPECTION AND TESTING AGENT OR AGENTS, SHALL BE ENGAGED BY THE OWNER OR THE OWNER'S AGENT, AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO THE BUILDING OFFICIAL PRIOR TO COMMENCING WORK. THE QUALIFICATIONS OF THE SPECIAL INSPECTOR AND/OR TESTING AGENCIES MAY BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL AND/OR THE DESIGN PROFESSIONAL.

2. SUBMIT A LIST OF THE SPECIAL INSPECTORS ON A SEPARATE DOCUMENT TO THE BUILDING OFFICIAL AND THE DESIGN PROFESSIONAL.

3. SPECIAL INSPECTIONS AS REQUIRED BY SECTION 1704.2.5 ARE NOT REQUIRED WHERE THE FABRICATOR IS APPROVED IN ACCORDANCE WITH IBC SECTION 1704.2.5.1.

4. OBSERVE ON A RANDOM BASIS, OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM THESE TASKS FOR EACH WELDED JOINT, BOLTED CONNECTION, OR STEEL ELEMENT.

5. NDT OF WELDS COMPLETED IN AN APPROVED FABRICATOR'S SHOP MAY BE PERFORMED BY THAT FABRICATOR WHEN APPROVED BY THE AHJ. REFER TO AISC 360, N7.

DEFINITIONS:
1. SPECIAL INSPECTION: INSPECTION OF CONSTRUCTION REQUIRING THE EXPERTISE OF AN APPROVED SPECIAL INSPECTOR IN ORDER TO ENSURE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

2. SPECIAL INSPECTOR: QUALIFIED FIRM OR INDIVIDUAL RESPONSIBLE FOR PERFORMING SPECIFIC TESTS OR INSPECTIONS AS PART OF THE SPECIAL INSPECTION PROGRAM.

3. PERIODIC SPECIAL INSPECTION: THE PART TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK. MAY BE ALLOWED WHEN COMPLIANCE OF THE WORK OR PRODUCT CAN BE DETERMINED AFTER BEING INCORPORATED INTO THE STRUCTURE.

4. CONTINUOUS SPECIAL INSPECTION: THE FULL TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.

SCHEDULE OF SPECIAL INSPECTIONS

1704.2.5 INSPECTION OF FABRICATORS

MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO PROJECT Y/N	EXTENT
VERIFY FABRICATION/QUALITY CONTROL PROCEDURES	IN-PLANT REVIEW (3) DURING FABRICATION	Y	SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1.

1705.3 CONCRETE CONSTRUCTION

MATERIAL/ ACTIVITY	APPLICABLE TO PROJECT Y/N	EXTENT	REFERENCED STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS AND VERIFY PLACEMENT.	Y	PERIODIC	ACI 318 CH.20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING:			AWS D1.4 ACI 318: 26.6.4	-
a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	Y	PERIODIC		
b. INSPECT SINGLE-PASS FILLET WELDS, MAX. 5/16"	Y	PERIODIC		
c. INSPECT ALL OTHER WELDS.	Y	CONTINUOUS		
3. INSPECT ANCHORS CAST IN CONCRETE.	Y	PERIODIC	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.				-
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	Y	CONTINUOUS	ACI 318: 17.8.2.4	
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	Y	PERIODIC	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX.	Y	PERIODIC	ACI 318: CH. 19. 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	CONTINUOUS	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	Y	CONTINUOUS	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	PERIODIC	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR:			ACI 318: 26.10	-
a. APPLICATION OF PRESTRESSING FORCES	N	CONTINUOUS		
b. GROUTING OF BONDED PRESTRESSING TENDONS.	N	CONTINUOUS		
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	N	PERIODIC	ACI 318: CH 26.9	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	N	PERIODIC	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	Y	PERIODIC	ACI 318: 26.11.1.2[b]	-
13. CONRETE STRENGTH TESTING AND VERIFICATION OF COMPLIANCE WITH CONSTRUCTION DOCUMENTS.	Y	PERIODIC	-	-

FOR SI: INCH = 25.4mm.
(a.) FREQUENCY REFERS TO THE FREQUENCY OF INSPECITON, WHICH MAY BE CONTINUOUS DURING THE LISTED TASK OR PERIODICALLY DURING THE LISTED TASK AS DEFINED IN THE TABLE. NR=NOT REQUIRED, P=PERIODIC, C=CONTINUOUS.
(b.) REQUIRED FOR THE FIRST 5000 SQUARE FEET OF AAC MASONRY.
(c.) REQUIRED AFTER THE FIRST 5000 SQUARE FEET OF AAC MASONRY.

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S-001

GENERAL STRUCTURAL NOTES

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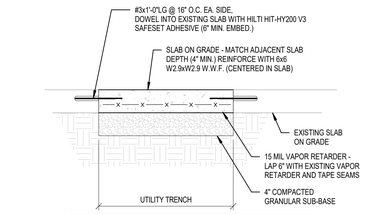
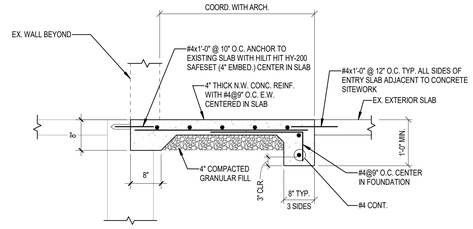
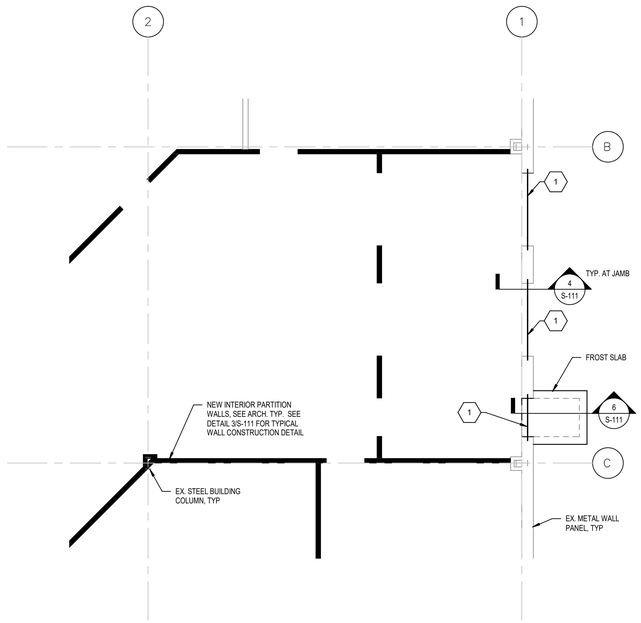


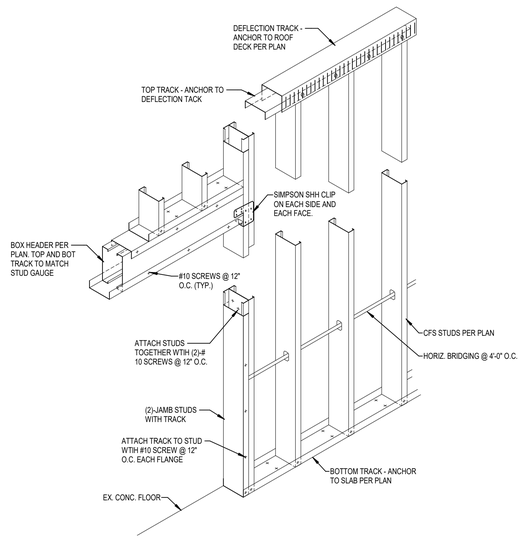
5 TYP. SLAB INFILL DETAIL
3/4" = 1'-0"



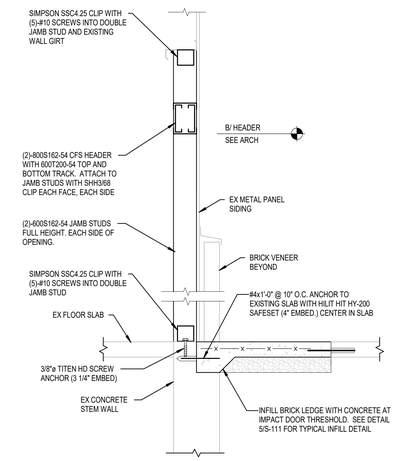
6 TYP. FROST SLAB DETAIL
3/4" = 1'-0"



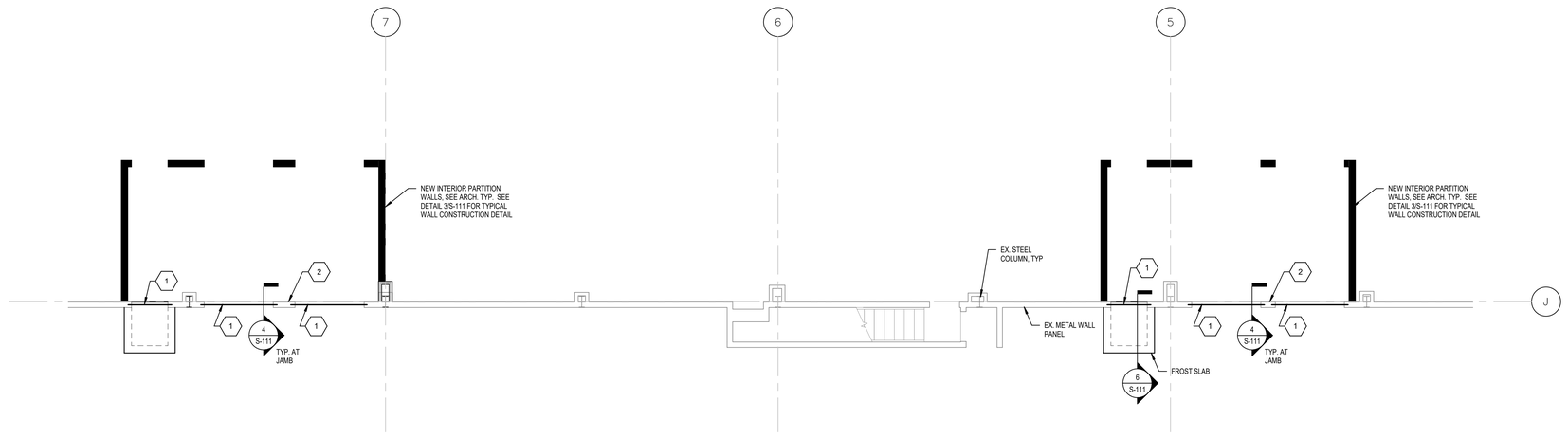
2 ENLARGED FLOOR PLAN
3/16" = 1'-0"



3 TYPICAL STEEL STUD AND HEADER DETAIL
3/4" = 1'-0"



4 SECTION (AT JAMB)
3/4" = 1'-0"



1 ENLARGED FLOOR PLAN
3/16" = 1'-0"

GENERAL NOTES

A. SEE SHEET S-001 FOR STRUCTURAL GENERAL NOTES.

B. DO NOT SCALE DRAWINGS.

C. EXISTING CONDITIONS SHOWN ARE BASED ON EXISTING RENOVATION DOCUMENTS PREPARED BY BROWN REYNOLDS WATFORD ARCHITECTS DATED JUNE 08, 2020 AND A LIMITED SITE SURVEY PERFORMED BY GPD GROUP.

D. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF WALLS AND EQUIPMENT.

E. WHERE EXISTING CONDITIONS ARE CUT OR DISTURBED TO PERMIT INSTALLATION OF NEW WORK, SHORE, PATCH AND MATCH EXISTING DISTURBED CONSTRUCTION TO ORIGINAL CONDITION.

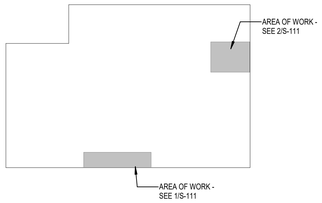
F. SEE DEMOLITION DRAWINGS FOR EXTENT OF DEMO WORK. PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL PROVIDE MEANS AND METHODS NECESSARY TO IDENTIFY THE EXTENTS OF THE LOAD BEARING WALLS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.

G. WHERE NEW OPENINGS ARE BEING CUT INTO EXISTING WALLS, PROVIDE TEMPORARY SHORING AS REQUIRED TO SUPPORT THE REMAINING PORTION OF THE EXISTING WALL AND ANY ROOF FRAMING SUPPORTED BY THE WALL. SHORING TO REMAIN IN PLACE UNTIL NEW HEADER/LINTEL HAS BEEN INSTALLED.

H. BASE REFERENCE ELEVATION IS FROM FINISH FLOOR ELEVATION (0'-0"). ALL ELEVATIONS ARE REFERENCED FROM BASE ELEVATION AND ARE SHOWN AS (±x'-x).

PLAN KEYNOTES

1. (2)-800S162-54 CFS HEADER WITH 600T200-54 TOP AND BOTTOM TRACK. PROVIDE (2)-600S162-54 JAMB STUDS (BACK-TO-BACK) EACH SIDE OF OPENING. SCREW JAMB STUDS TOGETHER WITH (2)-#10 SCREWS @ 12" O.C. ATTACH HEADER TO JAMB STUDS WITH SHH3/68 CLIP EACH FACE, EACH SIDE. SEE DETAIL 5/S-501 FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO PROVIDE ADDITIONAL ANCHORS TO MATCH EXISTING WHERE BOTTOM OF PANEL CONNECTION IS CUT OR DISTURBED.



KEYPLAN

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STRUCTURAL PLANS AND DETAILS

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S-111

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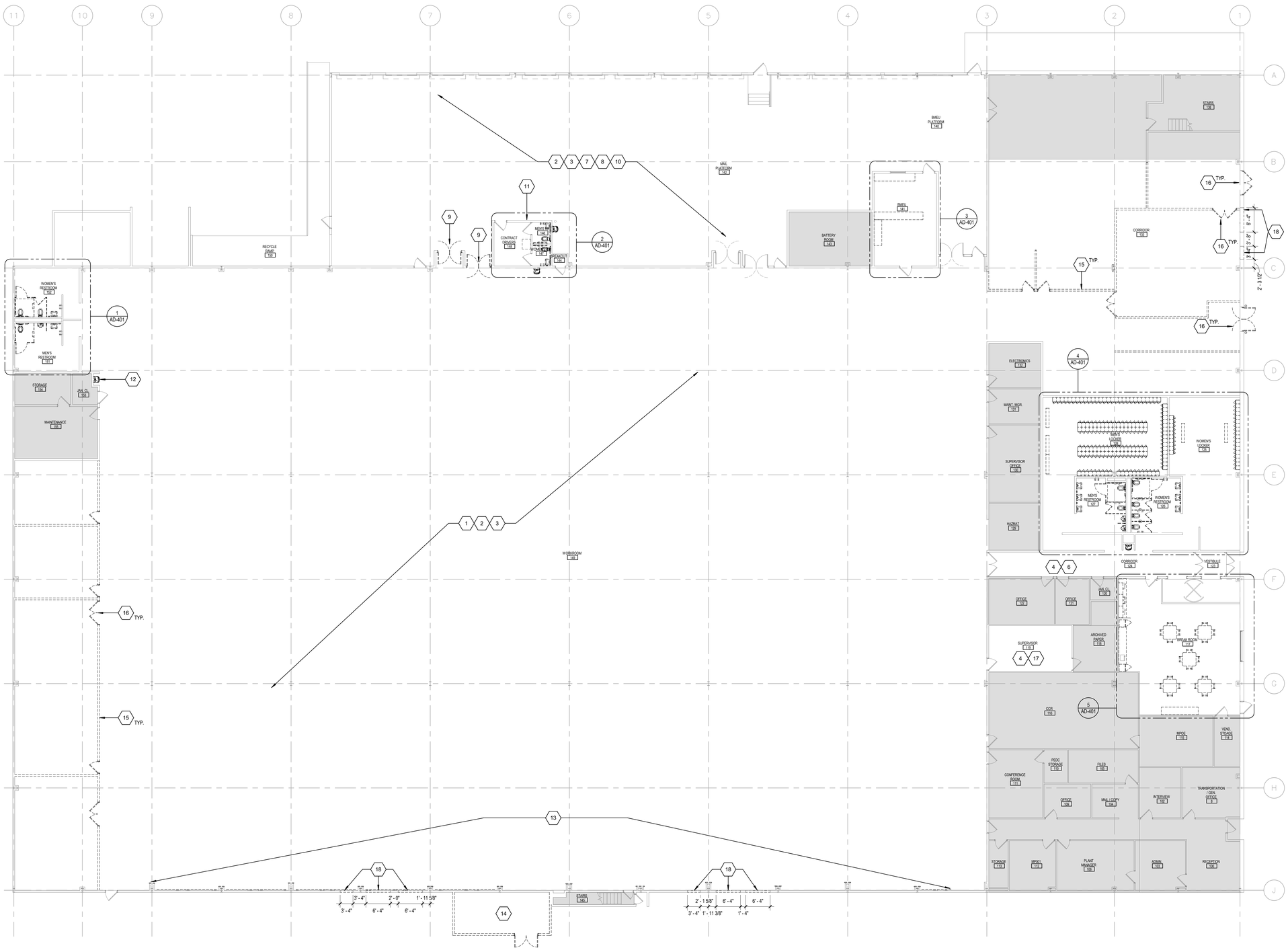


1 DEMOLITION FLOOR PLAN
3/32" = 1'-0"

CONTRACTOR RESPONSIBILITIES WITH REGARDS TO EXISTING CONDITIONS

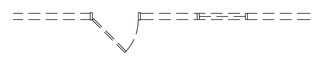
A. THE CONTRACTOR SHALL PERFORM A SITE VISIT. IN DOING SO, THE CONTRACTOR HAS AGREED THAT THEY HAVE INVESTIGATED THE EXISTING CONDITIONS TO BE DEMOLISHED AND COMPARE THEM TO THE WORK SHOWN IN THE CONTRACT DOCUMENTS.
B. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND EXTENT OF THE LIFE SAFETY SYSTEM AS THEY MAY BE AFFECTED BY THE NEW WORK. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TEMPORARY CONNECTION.
C. THE AREAS ADJACENT TO THE PROJECT AREA ARE CURRENTLY OCCUPIED AND MUST REMAIN IN OPERATION DURING THE ASSIGNED BUSINESS HOURS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ANY CONSTRUCTION ACTIVITIES THAT MAY IMPEDE NORMAL OPERATIONS, INCLUDING ANY ACTIVITY THAT CREATES EXCESSIVE NOISE.TO KEEP THE AREAS OUTSIDE OF THE CONSTRUCTION ZONE ACTIVE.

CUTTING AND PATCHING GENERAL NOTES

A. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY EXISTING TO REMAIN MATERIALS AND FINISHES WHICH ARE DAMAGED DURING ANY WORK PERFORMED UNDER THIS CONTRACT. THE CONTRACTOR SHALL PATCH, REPAIR AND ALIGN ALL EXISTING CONSTRUCTION SO AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIR.
B. WHERE LEVEL CHANGES, HOLES, DEPRESSIONS OR FORMED TRENCHES ARE UNCOVERED IN EXISTING CONCRETE SLABS BY REMOVAL OF EXISTING CONDITIONS, THE CONTRACTOR SHALL PATCH/REPAIR AND LEVEL FLOOR WITH A LEVELING COMPOUND COMPLIANT WITH SPECIFIED FINISH FLOORING.
C. WHERE ITEMS ARE TO BE REMOVED FROM EXISTING RATED WALLS, THE CONTRACTOR SHALL INFILL THE OPENING WITH MATERIALS THAT MATCH THE EXISTING CONSTRUCTION OR AN UL APPROVED MATERIAL TO MAINTAIN THE EXISTING FIRE RATED ASSEMBLY.

DEMOLITION GENERAL NOTES

A. ALL EXISTING REMAINING EQUIPMENT TO BE PROPERLY AND COMPLETELY PROTECTED BEFORE ANY DEMOLITION, CLEANING OR NEW FINISHES APPLIED. COORDINATE WITH FACILITIES TO REVIEW AND APPROVE ALL PROTECTION BEFORE WORK COMMENCES.
B. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER, WHICH DEMOLISHED ITEMS SHALL BE SALVAGED. SUCH ITEMS SHALL BE REMOVED WITH CARE, CLEANED, AND STORED IN A LOCATION AS DIRECTED BY THE OWNER.
C. REMOVE MISCELLANEOUS WALL MOUNTED ACCESSORIES THROUGHOUT PROJECT AREA. COORDINATE WITH OWNER SALVAGING AND STORING WALL MOUNTED ITEMS FOR RE-MOUNTING.
D. DEMOLITION IS INTENDED TO PREPARE THE BUILDING TO RECEIVE THE NEW WORK. THE INFORMATION PROVIDED IN NO WAY INTENDS TO MEAN THAT DEMOLITION IS LIMITED ONLY TO THOSE ITEMS SPECIFICALLY IDENTIFIED. THE CONTRACTOR SHALL REMOVE ALL EXISTING ITEMS OF CONSTRUCTION AND EQUIPMENT WITHIN THE PROJECT AREA.
E. THE CONTRACTOR SHALL REMOVE ALL ITEMS TO BE DEMOLISHED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED PIPING, WIRING, HANGERS, SUPPORTS, ETC. FROM EXISTING SURFACES.
F. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY DEMOLITION WORK CANNOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS.
G. ALL DEMO WORK SHOULD BE COMPLETED IN ITS ENTIRETY. ALL ADJACENT REMAINING TO BE PATCHED AND REPAIRED TO MATCH ADJACENT FINISHES, TO LOOK CLEAN AND CONSISTENT.



REMOVE EXISTING WALL CONSTRUCTION, SHOWN WITH DASHED LINES, IN ITS ENTIRETY FROM FLOOR TO STRUCTURE ABOVE INCLUDING DOORS, DOOR FRAMES, BORROWED LIGHTS, ASSOCIATED ELEC. / MECH. WORK, ETC. PREPARE AREA FOR NEW CONSTRUCTION.

PHASING NOTE:

1. CONTRACTOR SHALL ONLY RENOVATE A SINGLE RESTROOM AT A TIME, ONE MEN'S AND ONE WOMEN'S. ALL OTHER RESTROOM LOCATIONS AT THE SITE SHALL REMAIN IN SERVICE UNTIL RENOVATIONS OF THE RESTROOM OUT OF SERICE ARE COMPLETE.
2. GC TO PROVIDE MOBILE PORTABLE RESTROOM TRAILER FOR THE EXTENT OF THE PROJECT. GC TO COORDINATE WITH USPS FOR EXACT LOCATION. ENSURE QUANTITIES OF FIXTURE MEETS ALL REQUIREMENTS STATED ON G-001 LIFE SAFETY SHEET.

PLAN KEYNOTES

1. CLEAN EXISTING BLACKJACK FLOOR. PATCH AND PREP AREAS FOR RECOATING.
2. CLEAN EXCESS DUST AND DIRT FROM ALL ROOF STRUCTURE, PIPING, AND DUCTWORK ABOVE.
3. REMOVE EXISTING LIGHTING AND REPLACE WITH NEW LED LIGHTING. COORDINATE WITH ELECTRICAL.
4. REMOVE EXISTING CEILING GRID AND TILE COMPLETE. PATCH AND PREP AREA FOR NEW CEILING FINISH. SEE FINISH FLOOR PLAN FOR MORE INFORMATION. REMOVE EXISTING LIGHTING AND REPLACE WITH NEW LED LIGHTING. COORDINATE WITH ELECTRICAL.
5. EXISTING GYP. BD. CEILING TO REMAIN. REMOVE EXISTING LIGHTING AND REPLACE WITH NEW LED LIGHTING. COORDINATE WITH ELECTRICAL. CLEAN AND PREP SURFACE FOR NEW CEILING FINISH. SEE FINISH FLOOR PLAN FOR MORE INFORMATION.
6. REMOVE ALL SURFACE MOUNTED ITEMS AND PREPARE ALL PREVIOUSLY PAINTED WALLS, DOORS, AND METAL RAILINGS AND BOLLARDS FOR NEW PAINT. REPAIR ANY DAMAGED DRYWALL AS REQUIRED.
7. CLEAN AND RESEAL EXISTING CONCRETE FLOOR.
8. REMOVE AND REPLACE DAMAGED WOODEN BUMPERS AND REFINISH ALL TO MATCH ADJACENT.
9. EXISTING FRAME TO REMAIN. REMOVE EXISTING IMPACT DOOR AND HARDWARE COMPLETE. CLEAN AND PREP FRAME FOR NEW IMPACT DOOR AND HARDWARE INSTALLATION. SEE DOOR SCHEDULE FOR MORE INFORMATION.
10. SPONGE WASH EXISTING VINYL INSULATION WALLS.
11. REPAIR ANY DAMAGES TO EXISTING WALLS.
12. REMOVE EXISTING DRINKING FOUNTAIN. PATCH AND REPAIR WALLS FOR A NEW DRINKING FOUNTAIN WITH BOTTLE FILLER PROVIDED BY G.C.
13. REMOVE ALL UNATTACHED (LOOSE) RAILS AND POSTS.
14. REMOVE EXISTING COMPRESSOR SHED IN ITS ENTIRETY, INCLUDING ANY ASSOCIATED FRAMING AND EQUIPMENT. COORDINATE DISPOSITION OF EQUIPMENT WITH USPS.
15. REMOVE STUD WALL FROM FLOOR TO CEILING. PATCH, REPAIR AND PAINT ALL NECESSARY FLOOR AND WALL FINISHES TO MATCH ADJACENT CONDITIONS.
16. REMOVE EXISITING DOOR, FRAME, AND HARDWARE COMPLETE
17. EXISTING VCT TO REMAIN. REPLACE ALL DAMAGED/STAINED TILE. SEE FINISH FLOOR PLAN FOR MORE INFORMATION.
18. SAW-CUT AND REMOVE EXISTING PORTION OF CMU WALL FOR NEW DOOR AND FRAME INSTALLATION. SEE DOOR SCHEDULE FOR MORE INFORMATION. COORDINATE DEMOLITION WITH STRUCTURAL.

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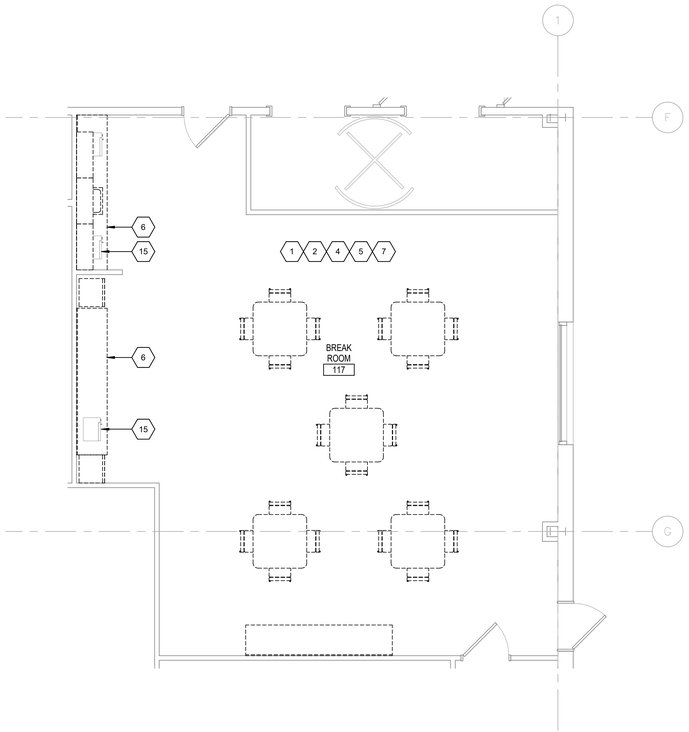
AD-101

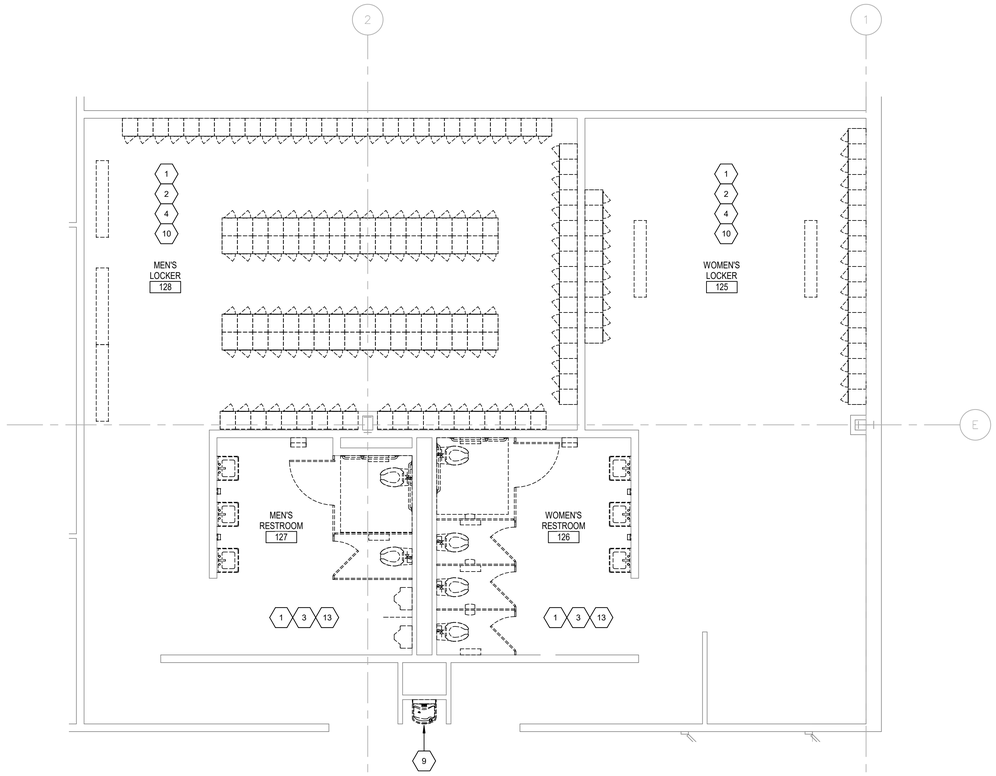
DEMOLITION PLAN

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

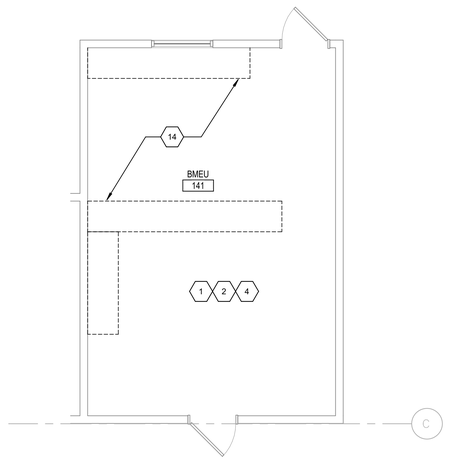
Date: 06.25.2023
Revisions: CONSTRUCTION SET



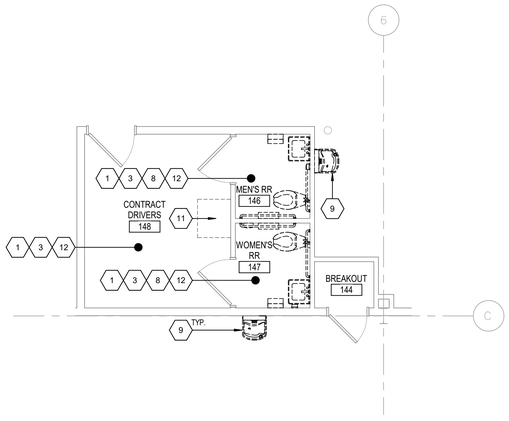
5 ENLARGED DEMOLITION PLAN
1/4" = 1'-0"



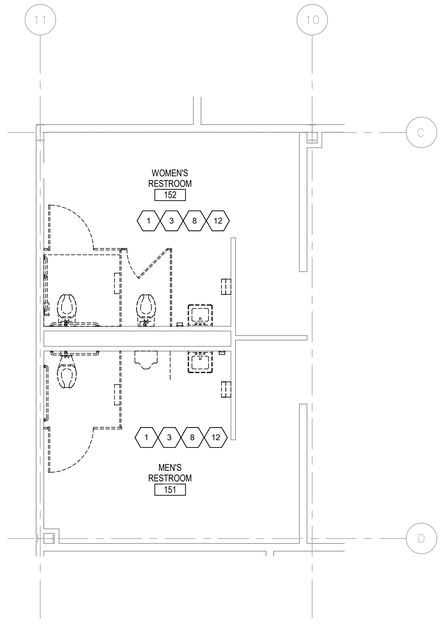
4 ENLARGED DEMOLITION PLAN
1/4" = 1'-0"



3 ENLARGED DEMOLITION PLAN
1/4" = 1'-0"



2 ENLARGED DEMOLITION PLAN
1/4" = 1'-0"



1 ENLARGED DEMOLITION PLAN
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A. THE CONTRACTOR SHALL PERFORM A SITE VISIT. IN DOING SO, THE CONTRACTOR HAS AGREED THAT THEY HAVE INVESTIGATED THE EXISTING CONDITIONS TO BE DEMOLISHED AND COMPARE THEM TO THE WORK SHOWN IN THE CONTRACT DOCUMENTS.
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B. WHERE LEVEL CHANGES, HOLES, DEPRESSIONS OR FORMED TRENCHES ARE UNCOVERED IN EXISTING CONCRETE SLABS BY REMOVAL OF EXISTING CONDITIONS, THE CONTRACTOR SHALL PATCH/REPAIR AND LEVEL FLOOR WITH A LEVELING COMPOUND COMPLIANT WITH SPECIFIED FINISH FLOORING.
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DEMOLITION GENERAL NOTES

A. ALL EXISTING REMAINING EQUIPMENT TO BE PROPERLY AND COMPLETELY PROTECTED BEFORE ANY DEMOLITION, CLEANING OR NEW FINISHES APPLIED. COORDINATE WITH FACILITIES TO REVIEW AND APPROVE ALL PROTECTION BEFORE WORK COMMENCES.
B. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER, WHICH DEMOLISHED ITEMS SHALL BE SALVAGED. SUCH ITEMS SHALL BE REMOVED WITH CARE, CLEANED, AND STORED IN A LOCATION AS DIRECTED BY THE OWNER.
C. REMOVE MISCELLANEOUS WALL MOUNTED ACCESSORIES THROUGHOUT PROJECT AREA. COORDINATE WITH OWNER SALVAGING AND STORING WALL MOUNTED ITEMS FOR RE-MOUNTING.
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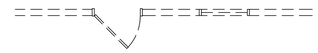
E. THE CONTRACTOR SHALL REMOVE ALL ITEMS TO BE DEMOLISHED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED PIPING, WIRING, HANGERS, SUPPORTS, ETC. FROM EXISTING SURFACES.
F. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY DEMOLITION WORK CANNOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS.
G. ALL DEMO WORK SHOULD BE COMPLETED IN ITS ENTIRETY. ALL ADJACENT REMAINING TO BE PATCHED AND REPAIRED TO MATCH ADJACENT FINISHES, TO LOOK CLEAN AND CONSISTENT.



REMOVE EXISTING WALL CONSTRUCTION, SHOWN WITH DASHED LINES, IN ITS ENTIRETY FROM FLOOR TO STRUCTURE ABOVE INCLUDING DOORS, DOOR FRAMES, BORROWED LIGHTS, ASSOCIATED ELEC. / MECH. WORK, ETC. PREPARE AREA FOR NEW CONSTRUCTION.

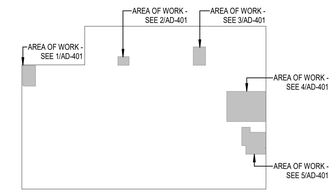
PHASING NOTE:

1. CONTRACTOR SHALL ONLY RENOVATE A SINGLE RESTROOM AT A TIME, ONE MEN'S AND ONE WOMEN'S. ALL OTHER RESTROOM LOCATIONS AT THE SITE SHALL REMAIN IN SERVICE UNTIL RENOVATIONS OF THE RESTROOM OUT OF SERICE ARE COMPLETE.
2. GC TO PROVIDE MOBILE PORTABLE RESTROOM TRAILER FOR THE EXTENT OF THE PROJECT. GC TO COORDINATE WITH USPS FOR EXACT LOCATION. ENSURE QUANTITIES OF FIXTURE MEETS ALL REQUIREMENTS STATED ON G-001 LIFE SAFETY SHEET.

PLAN KEYNOTES

1. REMOVE EXISTING FLOOR, WALL BASE, AND ALL ADHESIVES BACK TO SUBSURFACE. CLEAN AND PREPARE AREA FOR NEW FLOOR INSTALLATION. SEE FINISH FLOOR PLAN FOR ADDITIONAL INFORMATION.
2. REMOVE EXISTING CEILING GRID AND TILE COMPLETE. PATCH AND PREP AREA FOR NEW CEILING FINISH. SEE FINISH FLOOR PLAN FOR MORE INFORMATION. REMOVE EXISTING LIGHTING AND REPLACE WITH NEW LED LIGHTING. COORDINATE WITH ELECTRICAL.
3. EXISTING GYPSUM BOARD CEILING TO REMAIN. REMOVE EXISTING LIGHTING AND REPLACE WITH NEW LED LIGHTING. COORDINATE WITH ELECTRICAL DRAWINGS. CLEAN AND PREPARE SURFACE FOR NEW CEILING FINISH. SEE FINISH FLOOR PLAN FOR ADDITIONAL INFORMATION.
4. REMOVE ALL SURFACE MOUNTED ITEMS AND PREPARE ALL PREVIOUSLY PAINTED WALLS, DOORS, METAL RAILINGS, AND BOLLARDS FOR NEW PAINT. REPAIR ANY DAMAGED DRYWALL AS REQUIRED.
5. REMOVE ALL EXISTING TABLES AND CHAIRS LOCATED IN EMPLOYEE BREAK ROOMS. REMOVE ALL BREAKROOM TACKBOARDS AND BULLETIN BOARDS TO BE CLEANED AND REINSTALLED IN EXISTING LOCATION. COORDINATE EQUIPMENT RELOCATION WITH USPS.
6. REMOVE EXISTING CABINETS, COUNTERTOP, AND SINK, PATCH, PAINT, AND REPAIR AREA FOR NEW CASEWORK. COORDINATE SINK REMOVAL WITH PLUMBING DRAWINGS.
7. EXISTING SPECIALTY EQUIPMENT (REFRIGERATOR) TO BE REMOVED AND TURNED OVER TO USPS. COORDINATE REMOVAL OF ALL SPECIALTY EQUIPMENT WITH USPS.
8. REMOVE ALL PLUMBING FIXTURES, PARTITIONS, AND RESTROOM ACCESSORIES TO BE REPLACED ONE-FOR-ONE WITH NEW. PATCH AND REPAIR ALL TO MATCH EXISTING.
9. REMOVE EXISTING DRINKING FOUNTAIN. PATCH AND REPAIR WALLS FOR A NEW DRINKING FOUNTAIN WITH BOTTLE FILLER PROVIDED BY G.C.
10. EXISTING LOCKERS AND BENCHES TO BE REMOVED, CLEANED AND REINSTALLED WITHIN THE SAME ROOM. CLEAN ALL STICKERS AND RESIDUE OFF OF LOCKERS BEFORE REINSTALLATION. COORDINATE LOCKER RELOCATION WITH ARCHITECT. SEE A4 / A-402 FOR ADDITIONAL INFORMATION.
11. REMOVE EXISTING PHONE BOOTH.
12. REMOVE ALL SURFACE MOUNTED ITEMS AND PREP ALL PREVIOUSLY PAINTED WALLS, DOORS, AND METAL RAILINGS AND BOLLARDS. FOR NEW PAINT. REPAIR ANY DAMAGED DRYWALL AS REQUIRED.
13. REMOVE ALL PLUMBING FIXTURES, PARTITIONS, AND RESTROOM ACCESSORIES TO BE REPLACED WITH NEW TO BE INSTALLED TO MEET ACCESSIBILITY STANDARDS. GC RESPONSIBLE FOR ANY DEMO RELATED TO NEW PLUMBING LOCATIONS NOTED ON CONSTRUCTION PLAN. ALL RECESSED RESTROOM ACCESSORIES TO BE REMOVED. PATCH AND REPAIR ALL TO MATCH EXISTING.
14. REMOVE EXISTING CASEWORK AND OFFICE FURNITURE. PATCH, PAINT, AND REPAIR AREA FOR NEW CASEWORK.
15. EXISTING MICROWAVE TO REMAIN.

KEY PLAN



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ENLARGED DEMOLITION PLANS

Revisions: CONSTRUCTION SET

Date: 09.25.2023

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Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-603

AD-401

1 ARCHITECTURAL SITE PLAN
1/32" = 1'-0"

GENERAL NOTES

A. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FULLY AND COMPLETELY READ AND UNDERSTAND USPS STANDARD SPECIFICATIONS AND TO PROVIDE A FINISHED PROJECT, INCLUDING ALL PURCHASED ITEMS, FULLY CONFORMING TO THESE SPECIFICATIONS.
B. BUILDING HAS BEEN FIELD MEASURED. HOWEVER, GC SHALL BE REQUIRED TO REVIEW SITE CONDITIONS AGAINST DRAWINGS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE ANY WORK COMMENCES.
C. DO NOT SCALE DRAWINGS.
D. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE MEP DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING / INSTALLATION OF MECHANICAL, ELECTRICAL, AND PLUMBING WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND MEP DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
E. COORDINATE WORK WITH OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE TENANT AND LANDLORD/BUILDING OWNER, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK.
F. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
G. WHERE THERE MAY BE A CONFLICT IN THE SPECIFICATIONS AND/OR DRAWINGS, THEN THE MORE EXPENSIVE LABOR, MATERIALS AND EQUIPMENT SHALL BE ASSUMED TO BE REQUIRED AND SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO THE SATISFACTION OF THE TENANT.
H. WHEN WORK, NOT SPECIFICALLY CALLED OUT, IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR WITH THE BEST MATERIALS AND WORKMANSHIP.
I. GC RESPONSIBLE FOR ENGAGING SHORING ENGINEERING FOR ALL BRACING REQUIRED FOR DEMOLITION AND CONSTRUCTION.

PLAN KEYNOTES --

1. EXTERIOR BUILDING WORK TYPICAL OF ALL SIDES OF BUILDING:
   - PRESSURE WASH ALL EXTERIOR SURFACES.
   - REMOVE OLD SEALANT AND BACKER RODS, INCLUDING ALL WINDOWS AND DOORS. DO NOT CAULK OVER EXISTING WEEP HOLES. INSTALL NEW BACKER ROD AND SEALANT IN PLACE TO MATCH EXISTING COLOR.
   - ALL PREVIOUSLY PAINTED METAL SURFACES TO BE SCRAPED AND REPAINTED TO MATCH EXISTING PAINT COLOR. VERIFY COLOR IN FIELD. INCLUDES, BUT NOT LIMITED TO, PREVIOUSLY PAINTED BOLLARDS, GUARD RAILS, METAL DOORS, AND FRAMES, ETC. DOES NOT INLCUDE BUILDING METAL PANEL FACADE.
2. UPDATE ALL EXISTING NON-LED LIGHT FIXTURES TO LED FIXTURES. ELECTRICAL TO RE-ESTABLISH POWER TO ANY DISCONNECTED LIGHTING FIXTURES. COORDINATE WITH ELECTRICAL DRAWINGS.
3. PAINT ALL EXISTING BLUE COPING/TRIM, COLOR TO MATCH PREVIOUS.
4. PRESSURE WASH SIDEWALKS, REPLACE ALL BACKER RODS AND SEALANT.

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A-100
ARCHITECTURAL SITE PLAN
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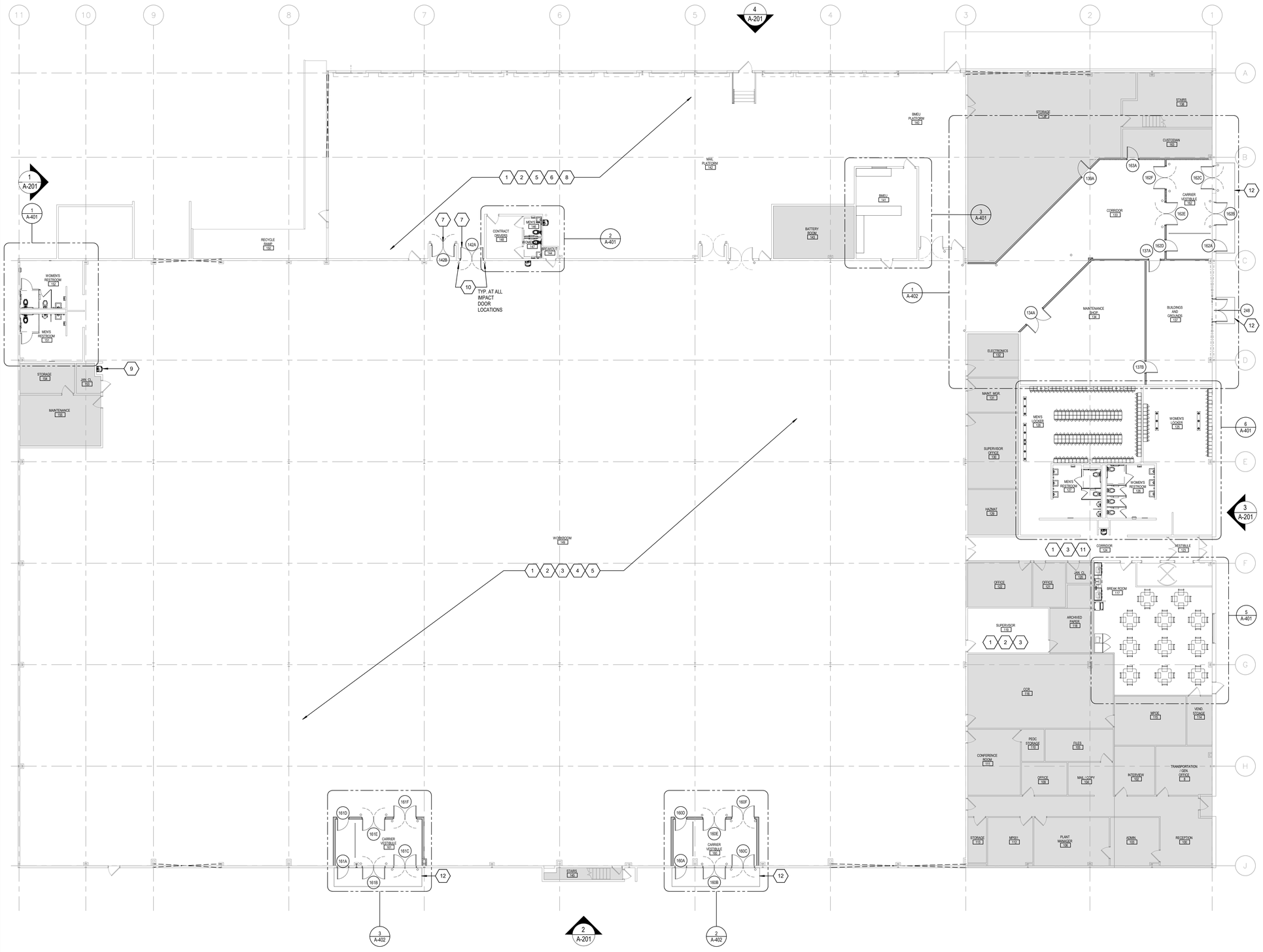

1 FLOOR PLAN
3/32" = 1'-0"

GENERAL NOTES

A. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FULLY AND COMPLETELY READ AND UNDERSTAND USPS STANDARD SPECIFICATIONS AND TO PROVIDE A FINISHED PROJECT, INCLUDING ALL PURCHASED ITEMS, FULLY CONFORMING TO THESE SPECIFICATIONS.
B. BUILDING HAS BEEN FIELD MEASURED. HOWEVER, GC SHALL BE REQUIRED TO REVIEW SITE CONDITIONS AGAINST DRAWINGS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE ANY WORK COMMENCES.
C. DO NOT SCALE DRAWINGS.
D. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE MEP DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING / INSTALLATION OF MECHANICAL, ELECTRICAL, AND PLUMBING WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND MEP DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
E. COORDINATE WORK WITH OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE TENANT AND LANDLORD/BUILDING OWNER, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK.
F. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
G. WHERE THERE MAY BE A CONFLICT IN THE SPECIFICATIONS AND/OR DRAWINGS, THEN THE MORE EXPENSIVE LABOR, MATERIALS AND EQUIPMENT SHALL BE ASSUMED TO BE REQUIRED AND SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO THE SATISFACTION OF THE TENANT.
H. WHEN WORK, NOT SPECIFICALLY CALLED OUT, IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR WITH THE BEST MATERIALS AND WORKMANSHIP.
I. GC RESPONSIBLE FOR ENGAGING SHORING ENGINEERING FOR ALL BRACING REQUIRED FOR DEMOLITION AND CONSTRUCTION.
J. COORDINATE ALL NEW FLOOR, BASE, WALL AND CEILING FINISHES WITH FINISH PLAN & NOTES.
K. PROVIDE 2 x DRICON (OR APPROVED EQUAL) FIRE RETARDANT TREATED WOOD BLOCKING BEHIND GYP. BD. AT ALL FIXTURES, MILLWORK AND EQUIPMENT THAT REQUIRES WOOD BLOCKING FOR INSTALLATION. REPLACE ALL WATER DAMAGED OR DAMAGED BLOCKING UNCOVERED DURING DEMOLITION AS REQUIRED.

PHASING NOTE:

1. CONTRACTOR SHALL ONLY RENOVATE A SINGLE RESTROOM AT A TIME, ONE MEN'S AND ONE WOMEN'S. ALL OTHER RESTROOM LOCATIONS AT THE SITE SHALL REMAIN IN SERVICE UNTIL RENOVATIONS OF THE RESTROOM OUT OF SERICE ARE COMPLETE.
2. GC TO PROVIDE MOBILE PORTABLE RESTROOM TRAILER FOR THE EXTENT OF THE PROJECT. GC TO COORDINATE WITH USPS FOR EXACT LOCATION. ENSURE QUANTITIES OF FIXTURE MEETS ALL REQUIREMENTS STATED ON G-001 LIFE SAFETY SHEET.

PLAN KEYNOTES

1. ALL PREVIOUSLY PAINTED METAL SURFACES TO BE SCRAPED AND REPAINTED TO MATCH EXISTING PAINT COLOR. VERIFY COLOR IN FIELD. INCLUDING, BUT NOT LIMITED TO PREVIOUSLY PAINTED BOLLARDS, GUARD RAILS, METAL DOORS, AND FRAMES ETC. PROVIDE NEW WALL FINISH. SEE FINISH FLOOR PLAN FOR ADDITIONAL INFORMATION.
2. PROVIDE NEW LED LIGHTING. ALL EMERGENCY EGRESS LIGHTING TO BE UPDATED. COORDINATE LIGHTING LAYOUT WITH ELECTRICAL DRAWINGS.
3. PROVIDE NEW FLOOR AND WALL BASE FINISH PER FINISH FLOOR PLAN AND FINISH SCHEDULE. INSTALL TRANSITION STRIPS AS REQUIRED. SEE FINISH FLOOR PLAN FOR ADDITIONAL INFORMATION.
4. CLEAN AND RECOAT EXISTING BLACKJACK FLOOR. SEE FINISH FLOOR PLAN FOR ADDITIONAL INFORMATION.
5. CLEAN EXCESS DUST AND DIRT FROM ALL ROOF STRUCTURE, PIPING, AND DUCTWORK ABOVE.
6. REPAIR, CLEAN AND RESEAL EXISTING CONCRETE FLOOR. SEE FINISH FLOOR PLAN FOR MORE INFORMATION.
7. PROVIDE NEW IMPACT DOOR IN EXISTING FRAME, AND ALL ASSOCIATED HARDWARE. SEE DOOR SCHEDULE FOR MORE INFORMATION.
8. REPLACE DAMAGED WOODEN BUMPERS AND REFINISH ALL TO MATCH ADJACENT.
9. PROVIDE NEW DRINKING FOUNTAIN / BOTTLE FILLER. INSTALL PER ADA HEIGHT. SEE G-002 FOR MORE INFORMATION.
10. NOT USED.
11. G.C. TO PROVIDE NEW ACOUSTIC CEILING TILE AND GRID. COORDINATE LIGHTING LAYOUT WITH ELECTRICAL. SEE FINISH FLOOR PLAN FOR MORE INFORMATION.
12. PROVIDE NEW FROST SLAB AT EXTERIOR ENTRIES. SEE STRUCTURAL FOR DETAILS.

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A-101 FLOOR PLAN

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-S03

Date: 09.25.2023
Revisions: CONSTRUCTION SET

GENERAL NOTES

A. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FULLY AND COMPLETELY READ AND UNDERSTAND USPS STANDARD SPECIFICATIONS AND TO PROVIDE A FINISHED PROJECT, INCLUDING ALL PURCHASED ITEMS, FULLY CONFORMING TO THESE SPECIFICATIONS.
B. BUILDING HAS BEEN FIELD MEASURED. HOWEVER, GC SHALL BE REQUIRED TO REVIEW SITE CONDITIONS AGAINST DRAWINGS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE ANY WORK COMMENCES.
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E. COORDINATE WORK WITH OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE TENANT AND LANDLORD/BUILDING OWNER, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK.
F. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
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H. WHEN WORK, NOT SPECIFICALLY CALLED OUT, IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR WITH THE BEST MATERIALS AND WORKMANSHIP.
I. GC RESPONSIBLE FOR ENGAGING SHORING ENGINEERING FOR ALL BRACING REQUIRED FOR DEMOLITION AND CONSTRUCTION.
J. COORDINATE ALL NEW FLOOR, BASE, WALL AND CEILING FINISHES WITH FINISH PLAN & NOTES.
K. PROVIDE 2 x DRICON (OR APPROVED EQUAL) FIRE RETARDANT TREATED WOOD BLOCKING BEHIND GYP. BD. AT ALL FIXTURES, MILLWORK AND EQUIPMENT THAT REQUIRES WOOD BLOCKING FOR INSTALLATION. REPLACE ALL WATER DAMAGED OR DAMAGED BLOCKING UNCOVERED DURING DEMOLITION AS REQUIRED.

PLAN KEYNOTES

1. TILE FINISH TO BE ON WET WALLS OR PREVIOUSLY TILED WALLS ONLY. ALL REMAINING WALLS TO BE PAINTED. SEE 2 / A-102 FOR ADDITIONAL INFORMATION REGARDING TILE WALL FINISH.
2. ALL PREVIOUSLY PAINTED METAL SURFACES TO BE SCRAPED AND REPAINTED TO MATCH EXISTING PAINT COLOR. VERIFY COLOR IN FIELD. INCLUDED BUT NOT LIMITED TO PREVIOUSLY PAINTED BOLLARDS, GUARD RAILS, METAL DOORS AND FRAMES ETC. PROVIDE NEW WALL FINISH.
3. PROVIDE NEW FLOOR AND WALL BASE FINISH PER FINISH PLAN AND FINISH SCHEDULE. INSTALL TRANSITION STRIPS AS REQUIRED. SEE FINISH FLOOR PLAN FOR MORE INFORMATION.
4. CLEAN EXISTING BLACKJACK FLOOR. PATCH AND RECOAT EXISTING BLACKJACK FLOOR.
5. (NOT USED)
6. EXISTING GYP. BD. CEILING TO REMAIN AND BE REPAINTED. PROVIDE NEW LED LIGHTING. COORDINATE LIGHTING LAYOUT WITH ELECTRICAL. SEE FINISH SCHEDULE FOR MORE INFORMATION REGARDING NEW CEILING FINISH.
7. CLEAN CONCRETE FLOOR. PATCH AND RESEAL.
8. EXISTING CEILING GRID TO REMAIN. G.C. TO PROVIDE NEW ACOUSTIC CEILING TILE. COORDINATE LIGHTING LAYOUT WITH ELECTRICAL.
9. PROVIDE NEW ACOUSTIC CEILING AND GRID, INCORPORATING NEW LIGHTING. PROVIDE HOLD-DOWN CLIPS. CEILINGS TO BE 10'-0" A.F.F. COORDINATE WITH ELECTRICAL, MECHANICAL AND FIRE SUPPRESSION ENGINEERS FOR EXTENTS OF WORK.

FINISH FLOOR PLAN LEGEND

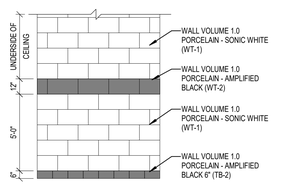
NOTE: SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION REGARDING ROOM FINISHES.

ROOM — ROOM NAME
100 — ROOM NUMBER
C — CEILING FINISH
W — WALL FINISH
B — BASE FINISH
F — FLOOR FINISH
NO WORK IN THIS AREA

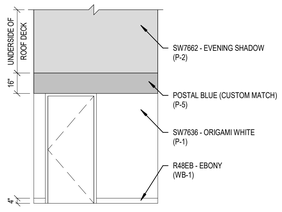
ROOM FINISH NOTES:

1. VERIFY ALL COLORS, LOCATIONS, AND MATERIALS W/ USPS PRIOR TO ORDERING MATERIALS
2. ALL SURFACE MOUNTED ITEMS TO BE REMOVED PRIOR TO APPLYING WALL FINISH. PREPARE SURFACE AS NECESSARY MAKING REPAIRS TO DRYWALL OR CMU.
3. FLOORING TO BE REPAIRED AS NECESSARY AND CLEANED/WAXED WHERE NO NEW FLOOR FINISH IS REQUIRED
4. REMOVE EXISTING FLOORING , WALL BASE, AND ALL ADHESIVES BACK TO SUB SURFACE WHERE NEW FLOOR FINISH IS REQUIRED. CLEAN AND PREP FOR APPLICATION OF NEW FINISH.
5. G.C. SHALL REVIEW FINISHES AS LISTED ABOVE. IF LISTED FINISHES ARE NOT READILY AVAILABLE GC SHALL SELECT AN APPROVED ALTERNATE FINISH MANUFACTURER AND MODEL NUMBER AS LISTED FROM USPS SPECIFICATIONS.
6. ENSURE ANY FLOOR DRAIN OR CLEANOUT COVERS ARE ADJUSTED TO BE FLUSH WITH ADJACENT FINISHED FLOORING.
7. INSTALL NEW TRANSITION STRIPS BETWEEN ANY EXISTING FLOOR FINISHES AND NEW DISSIMILAR FLOOR FINISHES.
8. COLUMN PAINT.
   - IF THE COLUMN IS A STRAIGHT RUN COLUMN THEN IT SHOULD BE PAINTED P-1, FLOOR TO CEILING OR ROOF DECK.
   - IF THE COLUMN IS A STRAIGHT RUN COLUMN AND HAS A FIRE EXTINGUISHER ON IT THEN IT SHOULD BE PAINTED RED.
   - IF THERE IS A CONCRETE BASE OR BARRIER THAT IS A CHANGE IN SIZE IT SHOULD BE PAINTED SAFETY YELLOW AT THE BASE AND THEN P-1 ABOVE OR RED FOR A FIRE EXTINGUISHER.

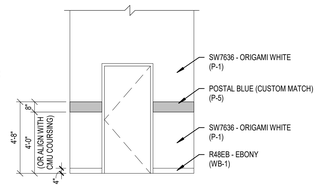
1 FINISH FLOOR PLAN
3/32" = 1'-0"



2 TILE WALL ELEVATION
1/4" = 1'-0"



3 WORK ROOM ELEVATION
1/4" = 1'-0"



4 BREAK ROOM ELEVATION
1/4" = 1'-0"

FINISH LEGEND

ITEM #	DESCRIPTION	MANUFACTURER	MODEL	COLOR	REMARKS
CEILING FINISH					
P-1	PAINT	SHERWIN WILLIAMS	SW7636	ORIGAMI WHITE	--
ACT-1	ACCOUSTICAL CEILING TILE	ARMSTRONG, USG, CERTAINTEED	--	WHITE	24x48x3/4 FINE FISSURED ANGLED TEGULAR 15/16, (VINYL FACED PANEL WHERE REQUIRED)
WALL FINISH					
P-1	PAINT	SHERWIN WILLIAMS	SW7636	ORIGAMI WHITE	SEE DETAIL 3 / A-102 ; SEE DETAIL 4 / A-102
P-2	PAINT	SHERWIN WILLIAMS	SW7662	EVENING SHADOW	SEE DETAIL 3 / A-102
P-3	NOT USED	--	--	--	--
P-4	PAINT	CUSTOM MATCH	(MATCH PMS 485C)	POSTAL RED	--
P-5	PAINT	CUSTOM MATCH	(MATCH PMS 301C)	POSTAL BLUE	SEE DETAIL 3 / A-102 ; SEE DETAIL 4 / A-102
WT-1	WALL TILE	DALTILE	WALL VOLUME 1.0 PORCELAIN	SONIC WHITE	12X24 TILE - RUNNING BOND LAYOUT. SEE DETAIL 2 / A-102
WT-2	WALL TILE	DALTILE	WALL VOLUME 1.0 PORCELAIN	AMPLIFIED BLACK	12X24 TILE - RUNNING BOND LAYOUT. SEE DETAIL 2 / A-102
WT-3	WALL TILE	DALTILE	COLOR WHEEL SECTIONS	WHITE	3X6 WHITE SUBWAY TILE - RUNNING BOND LAYOUT BACKSPLASH
BASE FINISH					
WB-1	COVE BASE	ARMSTRONG	R48EB	EBONY	WALL BASE 4"
TB-2	WALL TILE	DALTILE	WALL VOLUME 1.0 PORCELAIN	AMPLIFIED BLACK	WALL BASE 6"
FLOOR FINISH					
RFT-1	RESILIENT VINYL FLOORING	ARMSTRONG	EXCELON IMPERIAL TEXTURE - 51915	CHARCOAL	12X12X1/8
RFT-2	RESILIENT VINYL FLOORING	ARMSTRONG	EXCELON IMPERIAL TEXTURE - 51904	STERLING	12X12X1/8
RFT-3	RESILIENT VINYL FLOORING	ARMSTRONG	EXCELON IMPERIAL TEXTURE - 51903	BLUE GRAY	12X12X1/8
FT-1	FLOOR TILE	DALTILE	FLOOR VOLUME 1.0 PORCELAIN	AMPLIFIED BLACK	12X24 TILE - RUNNING BOND LAYOUT
BJ-1	ROLL-ON FLOOR FINISH	SPEC. PROVIDED LATER	SPEC. PROVIDED LATER	BLACK	PROVIDE 3 COATS AND SEALER
GROUT FINISH					
G-1	GROUT	CUSTOM BUILDING PRODUCTS	PRISM-640	ARCTIC WHITE	FOR ALL WHITE WALL AND WHITE WALL BASE TILE
G-2	GROUT	CUSTOM BUILDING PRODUCTS	PRISM-09	NATURAL GRAY	FOR ALL BLACK FLOOR AND BLACK WALL BASE TILE
PLASTIC LAMINATE FINISH					
PL-1	LAMINATE FINISH	WILSONART	YS02	STRAIGHT CUT OAK	FOR BASE CABINETS & UPPER CABINETS
ALT-PL-1	LAMINATE FINISH	WILSONART	4651-60	NAVY LEGACY	FOR BASE CABINETS & UPPER CABINETS
PL-2	LAMINATE FINISH	WILSONART	5045	ICE MIST	FOR COUNTERTOPS & BACKSPLASH
PVC-1	COUNTERTOP EDGE BANDING 3 MM	WILSONART	D90-60	DOVE GREY	AT ALL EXPOSED EDGES OF COUNTERTOPS

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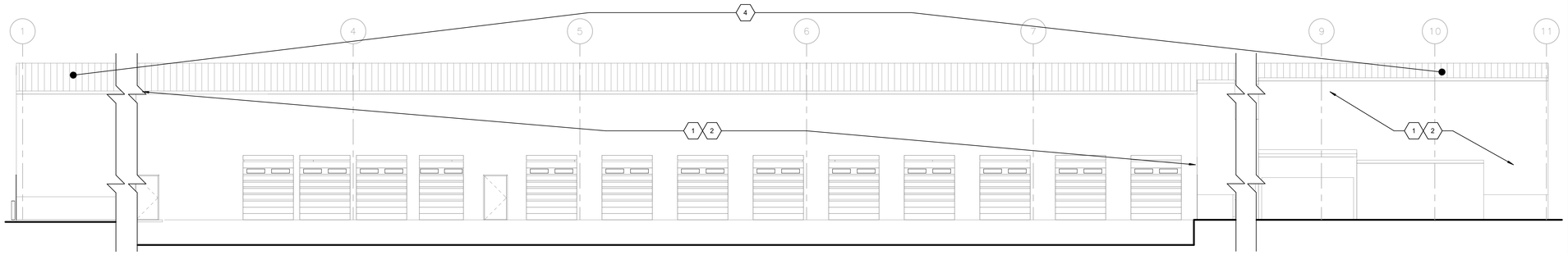
Revisions: CONSTRUCTION SET
Date: 09.25.2023

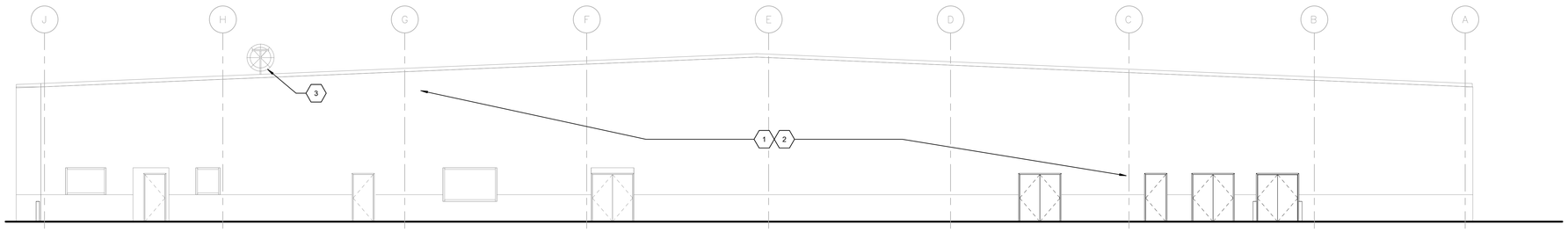
FINISH FLOOR PLAN

A-102

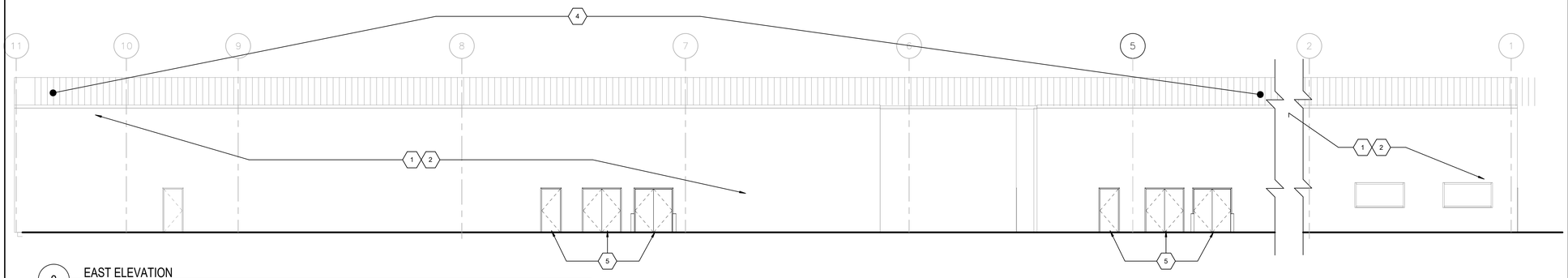
Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-003



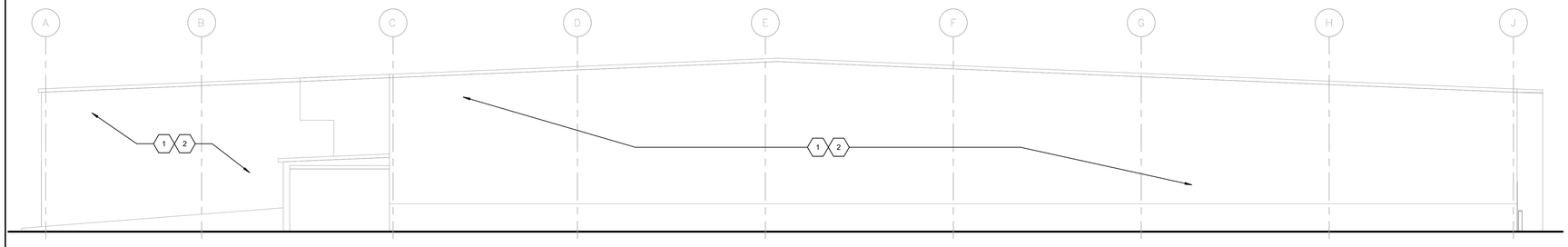
4 WEST ELEVATION
1/8" = 1'-0"



3 NORTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION
1/8" = 1'-0"



1 SOUTH ELEVATION
1/8" = 1'-0"

GENERAL NOTES

A. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FULLY AND COMPLETELY READ AND UNDERSTAND USPS STANDARD SPECIFICATIONS AND TO PROVIDE A FINISHED PROJECT, INCLUDING ALL PURCHASED ITEMS, FULLY CONFORMING TO THESE SPECIFICATIONS.
B. BUILDING HAS BEEN FIELD MEASURED. HOWEVER, GC SHALL BE REQUIRED TO REVIEW SITE CONDITIONS AGAINST DRAWINGS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE ANY WORK COMMENCES.
C. DO NOT SCALE DRAWINGS.
D. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE MEP DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING / INSTALLATION OF MECHANICAL, ELECTRICAL, AND PLUMBING WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND MEP DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
E. COORDINATE WORK WITH OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE TENANT AND LANDLORD/BUILDING OWNER, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK.
F. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
G. WHERE THERE MAY BE A CONFLICT IN THE SPECIFICATIONS AND/OR DRAWINGS, THEN THE MORE EXPENSIVE LABOR, MATERIALS AND EQUIPMENT SHALL BE ASSUMED TO BE REQUIRED AND SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO THE SATISFACTION OF THE TENANT.
H. WHEN WORK, NOT SPECIFICALLY CALLED OUT, IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR WITH THE BEST MATERIALS AND WORKMANSHIP.
I. GC RESPONSIBLE FOR ENGAGING SHORING ENGINEERING FOR ALL BRACING REQUIRED FOR DEMOLITION AND CONSTRUCTION.

PLAN KEYNOTES

1. EXTERIOR BUILDING WORK TYPICAL OF ALL SIDES OF BUILDING:
   - PRESSURE WASH ALL EXTERIOR SURFACES.
   - REMOVE OLD SEALANT AND BACKER RODS, INCLUDING ALL WINDOWS AND DOORS. DO NOT CAULK OVER EXISTING WEEP HOLES. INSTALL NEW BACKER ROD AND SEALANT IN PLACE TO MATCH EXISTING COLOR.
   - ALL PREVIOUSLY PAINTED METAL SURFACES TO BE SCRAPED AND REPAINTED TO MATCH EXISTING PAINT COLOR. VERIFY COLOR IN FIELD. INCLUDES, BUT NOT LIMITED TO, PREVIOUSLY PAINTED BOLLARDS, GUARD RAILS, METAL DOORS, AND FRAMES, ETC. DOES NOT INCLUDE BUILDING METAL PANEL FACADE
2. UPDATE ALL EXISTING NON-LED LIGHT FIXTURES TO LED FIXTURES. ELECTRICAL TO RE-ESTABLISH POWER TO ANY DISCONNECTED LIGHTING FIXTURES. COORDINATE WITH ELECTRICAL DRAWINGS.
3. REMOVE ALL EXISTING SATELLITE DISHES.
4. PAINT ALL EXISTING BLUE COPING/TRIM, COLOR TO MATCH PREVIOUS.
5. RE-WORK AND RE-ATTACH SIDING AROUND NEW DOOR OPENINGS. SEE SHEET A-501 FOR JAMB, HEAD, AND FLASHING DETAILS AT NEW DOOR OPENINGS.

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A-201 EXTERIOR ELEVATIONS

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-503

Date: 09.25.2023
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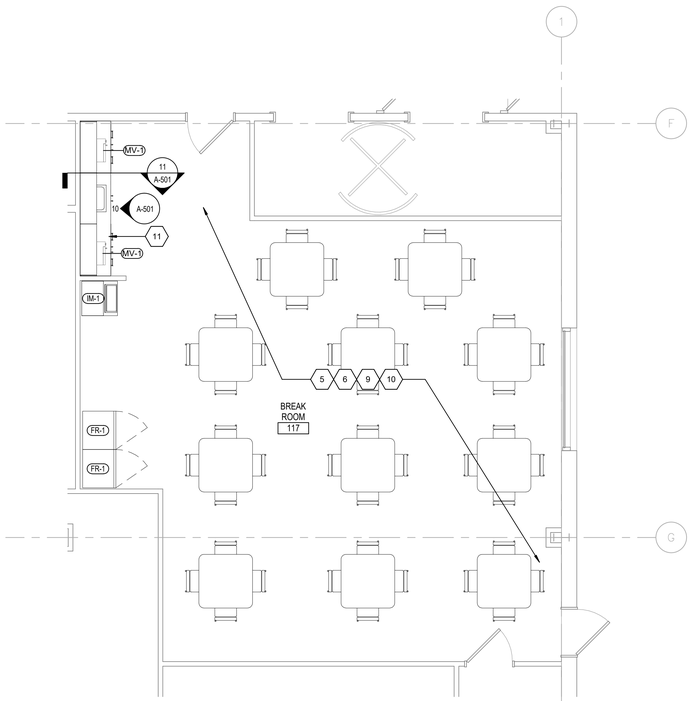
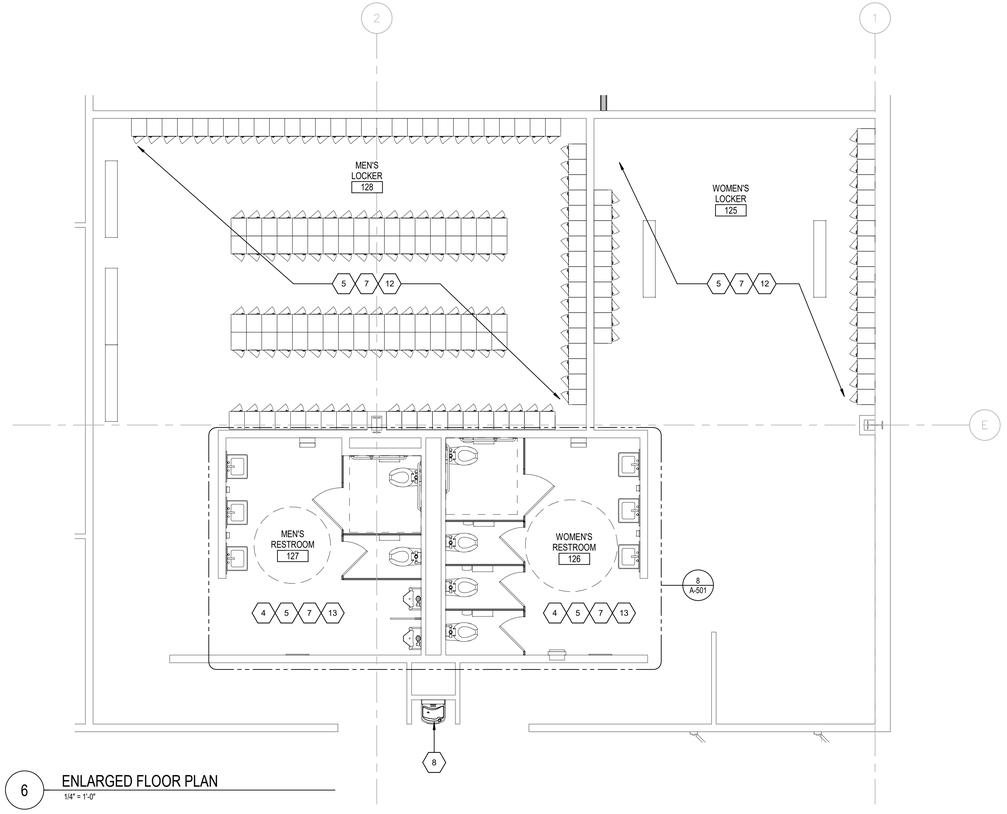
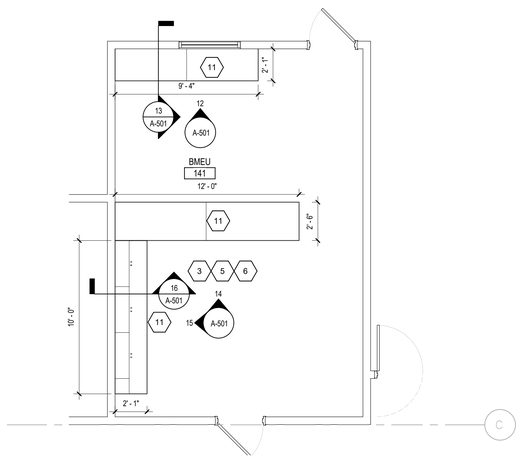


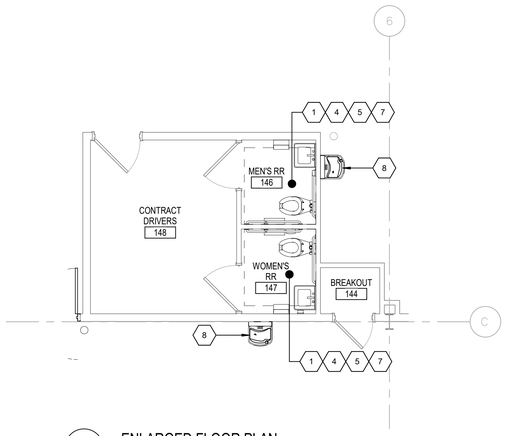
5 ENLARGED FLOOR PLAN
1/4" = 1'-0"



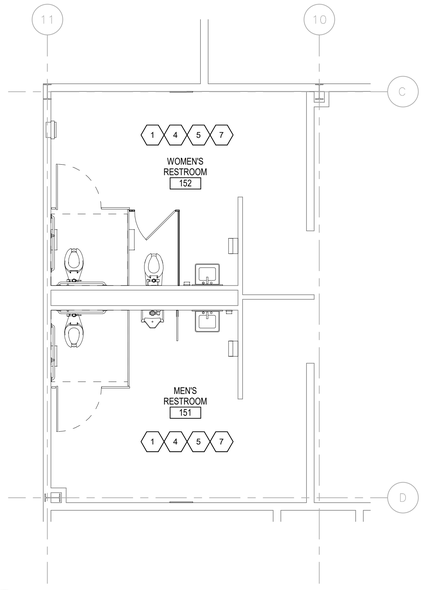
6 ENLARGED FLOOR PLAN
1/4" = 1'-0"



3 ENLARGED FLOOR PLAN
1/4" = 1'-0"



2 ENLARGED FLOOR PLAN
1/4" = 1'-0"



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

GENERAL NOTES

A. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FULLY AND COMPLETELY READ AND UNDERSTAND USPS STANDARD SPECIFICATIONS AND TO PROVIDE A FINISHED PROJECT, INCLUDING ALL PURCHASED ITEMS, FULLY CONFORMING TO THESE SPECIFICATIONS.
B. BUILDING HAS BEEN FIELD MEASURED. HOWEVER, GC SHALL BE REQUIRED TO REVIEW SITE CONDITIONS AGAINST DRAWINGS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE ANY WORK COMMENCES.
C. DO NOT SCALE DRAWINGS.
D. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE MEP DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING / INSTALLATION OF MECHANICAL, ELECTRICAL, AND PLUMBING WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND MEP DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
E. COORDINATE WORK WITH OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE TENANT AND LANDLORD/BUILDING OWNER, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK.
F. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
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H. WHEN WORK, NOT SPECIFICALLY CALLED OUT, IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR WITH THE BEST MATERIALS AND WORKMANSHIP.
I. GC RESPONSIBLE FOR ENGAGING SHORING ENGINEERING FOR ALL BRACING REQUIRED FOR DEMOLITION AND CONSTRUCTION.
J. COORDINATE ALL NEW FLOOR, BASE, WALL AND CEILING FINISHES WITH FINISH PLAN & NOTES.
K. PROVIDE 2 x DRICON (OR APPROVED EQUAL) FIRE RETARDANT TREATED WOOD BLOCKING BEHIND GYP. BD. AT ALL FIXTURES, MILLWORK AND EQUIPMENT THAT REQUIRES WOOD BLOCKING FOR INSTALLATION. REPLACE ALL WATER DAMAGED OR DAMAGED BLOCKING UNCOVERED DURING DEMOLITION AS REQUIRED.

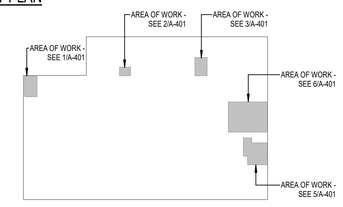
PLAN KEYNOTES

1. PLUMBING FIXTURES TO BE INSTALLED ONE-FOR-ONE AT EXISTING CONNECTIONS. INSTALL PLUMBING FIXTURES AND ACCESSORIES IN HEIGHT AND LOCATIONS NOTED ON SHEET G-002 AND QUANTITIES AS SPECIFIED IN GENERAL SPECIFICATION.
2. NOT USED.
3. ALL PREVIOUSLY PAINTED METAL SURFACES TO BE SCRAPED AND REPAINTED TO MATCH EXISTING PAINT COLOR. VERIFY COLOR IN FIELD. INCLUDING BUT NOT LIMITED TO PREVIOUSLY PAINTED BOLLARDS, GUARD RAILS, METAL DOORS, AND FRAMES ETC. PROVIDE NEW WALL FINISH. SEE FINISH FLOOR PLAN FOR ADDITIONAL INFORMATION.
4. PROVIDE NEW WALL TILE FINISH ON WALLS PREVIOUSLY TILED. SEE FINISH FLOOR PLANS AND 4/A-102 FOR ADDITIONAL INFORMATION REGARDING TILE WALL FINISH.
5. PROVIDE NEW FLOOR AND WALL BASE FINISH PER FINISH PLAN AND FINISH SCHEDULE. INSTALL TRANSITION STRIPS AS REQUIRED PER FINISHES.
6. PROVIDE NEW ACOUSTICAL CEILING TILE AND GRID. COORDINATE LIGHTING LAYOUT WITH ELECTRICAL DRAWINGS. SEE FINISH FLOOR PLAN FOR ADDITIONAL INFORMATION.
7. REPAIR ANY DAMAGED AREAS OF GYPSUM BOARD CEILING AND PAINT CEILING COMPLETE. PROVIDE NEW LED LIGHTING. COORDINATE LIGHTING LAYOUT WITH ELECTRICAL DRAWINGS. SEE FINISH FLOOR PLAN FOR ADDITIONAL INFORMATION REGARDING NEW CEILING FINISH.
8. PROVIDE NEW DRINKING FOUNTAIN / BOTTLE FILLER. INSTALL PER ADA HEIGHT. SEE G-002 FOR ADDITIONAL INFORMATION. COORDINATE WITH PLUMBING DRAWINGS.
9. PROVIDE NEW LUNCH ROOM TABLES AND CHAIRS. ALL FURNITURE TO BE PROVIDED BY G.C. FROM GRAINGER SUPPLIES. REINSTALL ALL BREAK ROOM TACKBOARDS AND BULLETIN BOARDS. COORDINATE ALL EQUIPMENT LOCATION WITH USPS.
10. PROVIDE NEW SPECIALTY EQUIPMENT (NON-SCOOP ICE MACHINE, MICROWAVE, AND REFRIGERATOR). ALL EQUIPMENT TO BE PROVIDED BY G.C. FROM GRAINGER SUPPLIER. COORDINATE LOCATION OF ALL SPECIALTY EQUIPMENT WITH USPS.
11. PROVIDE NEW MILLWORK, COUNTERTOP, AND SINK. COORDINATE WITH PLUMBING DRAWINGS. SEE A-501 FOR ADDITIONAL INFORMATION.
12. REINSTALL EXISTING BENCHES AND METAL LOCKERS TO ORIGINAL LOCATIONS. CLEAN STICKERS AND RESIDUE OFF OF LOCKERS.
13. NOTED RESTROOM IS TO BE BROUGHT UP TO CURRENT ACCESSIBILITY CODE WITH PLUMBING FIXTURES AND ACCESSORIES IN HEIGHT AND LOCATIONS NOTED ON SHEET G-002 AND QUANTITIES SPECIFIED IN GENERAL SPECIFICATIONS.

LOCKER COUNT

	MEN'S LOCKER ROOM:	WOMEN'S LOCKER ROOM:
EXISTING:	137	28
PROPOSED:	TBD	TBD

KEY PLAN



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ENLARGED PLANS

Revisions: CONSTRUCTION SET
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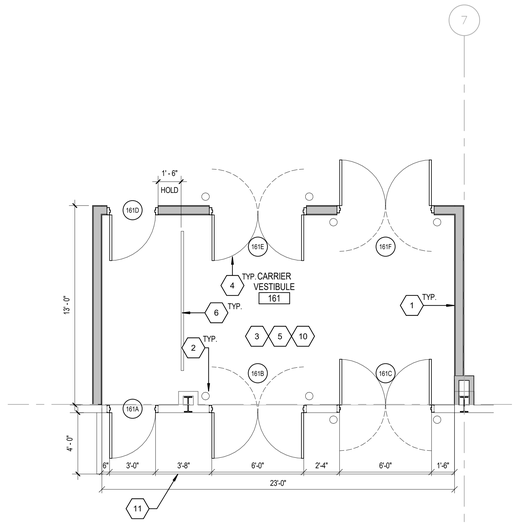
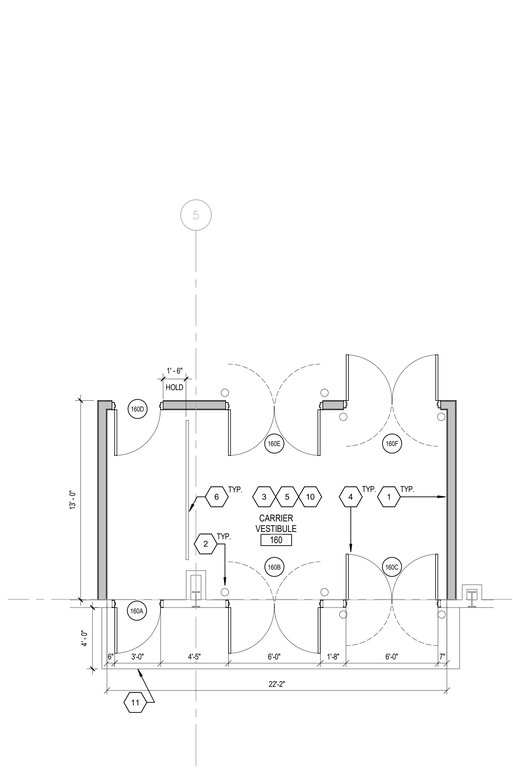
USPS File Number: 546148-G03

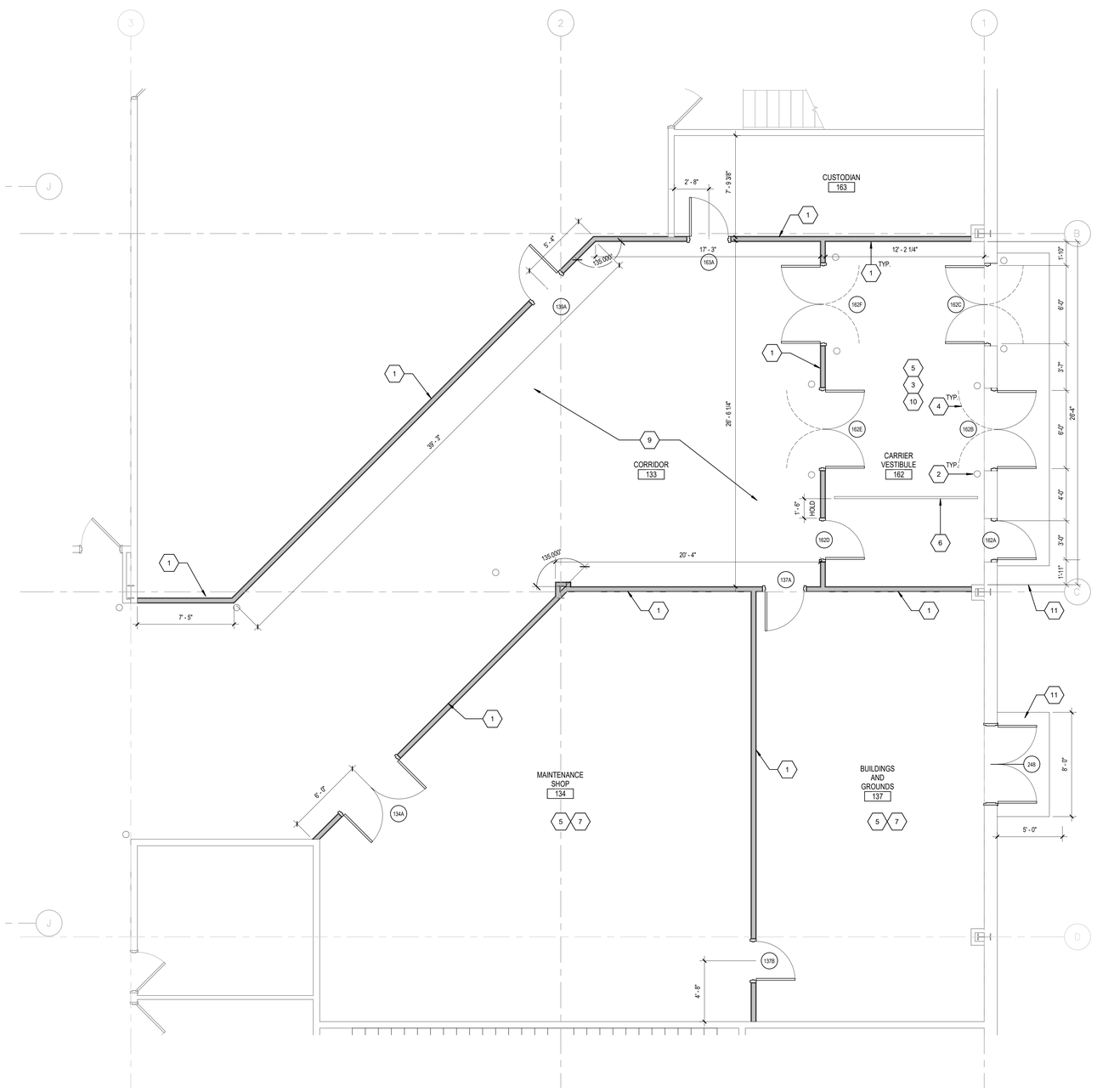
A-401



3 ENLARGED FLOOR PLAN
1/4" = 1'-0"



2 ENLARGED FLOOR PLAN
1/4" = 1'-0"



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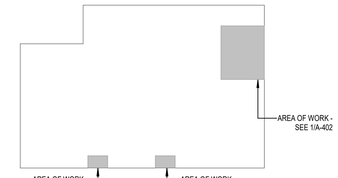
I. GC RESPONSIBLE FOR ENGAGING SHORING ENGINEERING FOR ALL BRACING REQUIRED FOR DEMOLITION AND CONSTRUCTION.
J. COORDINATE ALL NEW FLOOR, BASE, WALL AND CEILING FINISHES WITH FINISH PLAN & NOTES.
K. PROVIDE 2 x DRICON (OR APPROVED EQUAL) FIRE RETARDANT TREATED WOOD BLOCKING BEHIND GYP. BD. AT ALL FIXTURES, MILLWORK AND EQUIPMENT THAT REQUIRES WOOD BLOCKING FOR INSTALLATION. REPLACE ALL WATER DAMAGED OR DAMAGED BLOCKING UNCOVERED DURING DEMOLITION AS REQUIRED.

PLAN KEYNOTES

1. 3-5/8" METAL STUD WALL WITH ONE (1) LAYER OF M.R. GYP. BD. ON BOTH SIDES FROM FLOOR TO DECK. SPACE STUDS AT 16" O.C. MAX. PROVIDE CONTINUOUS BOTTOM TRACK TO MATCH STUD GAUGE. ATTACH BOTTOM TRACK TO EXISTING CONCRETE FLOOR WITH (2)-0.157 DIA. PAF x 1 1/4LG @ 16" O.C. PROVIDE CONTINUOUS DEFLECTION TRACK AT TOP OF WALL TO MATCH STUD GAUGE. ATTACH DEFLECTION TRACK TO UNDERSIDE OF ROOF DECK WITH (2)#10 SCREWS AT 16 " O.C.
2. SURFACE MOUNTED 4" ROUND STEEL BOLLARDS W/ SAFETY YELLOW HDPL BOLLARD COVERS. LOCATE IN FIELD.
3. PROVIDE NEW ACOUSTIC CEILING, GRID AND LIGHTING. COORDINATE LIGHTING LAYOUT WITH ELECTRICAL. SEE FINISH FLOOR PLAN FOR MORE INFORMATION.
4. PROVIDE NEW IMPACT DOOR, FRAME AND ALL ASSOCIATED HARDWARE. SEE DOOR SCHEDULE FOR MORE INFORMATION.
5. PROVIDE NEW FLOOR AND WALL BASE FINISH PER FINISH PLAN AND FINISH SCHEDULE. INSTALL TRANSITION STRIPS AS REQUIRED PER FINISHES.
6. GC TO PROVIDE SEPARATION GUARDRAIL BETWEEN MAN DOORS AND IMPACT DOORS IN CARRIER VESTIBULE. TO BE INSTALLED PER MANUFACTURER'S INSTALLATION SPECIFICATION
7. PROVIDE NEW WALL FINISH. SEE FINISH PLAN
8. NOT USED.
9. REPLACE DAMAGED WOODEN BUMPERS AND REFINISH ALL TO MATCH ADJACENT.
10. GC TO PROVIDE AND INSTALL HIGH AND LOW WALL BUMPERS PER USPS SPECIFICATIONS.
11. PROVIDE NEW FROST SLAB AT EXTERIOR ENTRIES. SEE STRUCTURAL FOR DETAILS.

KEY PLAN



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UNITED STATES POSTAL SERVICE
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ENLARGED PLANS

Revisions:
Date:

A-402

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR TYPE	DOOR NO. OF PANELS	DOOR PANEL WIDTH	DOOR HGT	DOOR THCK	DOOR MTL	DOOR GLAZING	FRAME TYPE	FRAME MTL	HEAD	JAMB	SILL	HW SET	COMMENTS
134A	MAINTENANCE SHOP	A	2	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	6	5	--
137A	BUILDINGS AND GROUNDS	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	6	4	--
137B	BUILDINGS AND GROUNDS	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	6	4	--
139A	STORAGE	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	6	4	--
142A	MAIL PLATFORM	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	3	3	1
142B	MAIL PLATFORM	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	3	3	1
160A	CARRIER VESTIBULE	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	3	1	2
160B	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	3	3	--
160C	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	3	3	--
160D	CARRIER VESTIBULE	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	6	2	--
160E	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	6	3	--
160F	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	6	3	--
161A	CARRIER VESTIBULE	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	3	1	2
161B	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	3	3	
161C	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	3	3	
161D	CARRIER VESTIBULE	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	6	2	
161E	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	6	3	
161F	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	6	3	
162A	CARRIER VESTIBULE	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	3	1	2
162B	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	3	3	
162C	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	3	3	
162D	CARRIER VESTIBULE	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	6	2	
162E	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	6	3	
162F	CARRIER VESTIBULE	B	2	3' - 0"	7' - 0"	1 3/4"	COMP	BY MANUF.	B	STL	1	2	6	3	
163A	CUSTODIAN	A	1	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	6	4	
248	BUILDINGS AND GROUNDS	A	2	3' - 0"	7' - 0"	1 3/4"	HM	--	A	HM	4	5	3	6	2

NOTE: GC RESPONSIBLE FOR ANY ADDITIONAL HEAD & JAMB FRAMING IF NECESSARY. SEE STRUCTURAL IF ANY LINTEL CONSTRUCTION IS TO OCCUR.

DOOR SCHEDULE COMMENTS:
1. EXISTING STEEL FRAME TO REMAIN.
2. INSULATED, GALVANIZED HOLLOW METAL DOOR AND FRAME.

DOOR AND DOOR HARDWARE NOTES:

1. DOOR AND DOOR HARDWARE LISTED BELOW IS THE BASIS OF DESIGN. GC SHALL REVIEW THE FOLLOWING SPECIFICATIONS SECTIONS FOR ADDITIONAL USPS APPROVED MANUFACTURER'S, MODEL NUMBERS AND SUBMITTAL REQUIREMENTS. SEE BOOK SPECIFICAIONS AS LISTED BELOW.
   a. SECTION 081100: METAL DOORS AND FRAMES
   b. SECTION 083800: TRAFFIC DOORS
   c. SECTION 087100: DOOR HARDWARE
   d. SECTION 088000: GLAZING
2. G.C. SHALL REVIEW DOOR HARDWARE AS LISTED BELOW. IF LISTED DOOR HARDWARE IS NOT READILLY AVAILABLE GC SHALL SELECT AN APPROVED ALTENATE DOOR HARDWARE MANUFACTURER AND MODEL NUMBER AS LISTED FROM USPS DOOR HARWARE SPECIFICATIONS.
3.

HARDWARE SET 1
(REFER TO CARRIER VESTIBULE PERSONNEL TO EXTERIOR IN SPECIFICATIONS)
EACH SET TO HAVE:

3 EA	(H-2) HINGE	BB1279 4.5x4.5 NRP	----	HAGER
1 EA	(E-3) EXIT DEVICE (F03) (FOR WOOD & METAL DOORS)	8700 X CYL. DOG W/ SECURITY INTERLOCK NOSE	628	GUARD/STRIKE ADAMS RITE
1 EA	(T-3) THRESHOLD	2005AT	628	PEMKO
1 EA	(S-1) DOORSTOP	1270W	630	TRIMCO
1 EA	(C-2) CLOSER	4111	689	LCN
1 EA	(W-1) DOOR GASKETS	303AS	---	PEMKO
3 EA	(M-3) SILENCERS	1229A	GRAY	TRIMCO
1 EA	ELECTRIC STRIKE	PROVIDED AS PART OF	ePACS SYSTEM	
1 EA	DOOR CONTACT	PROVIDED AS PART OF	ePACS SYSTEM	
2 EA	CARD READER	PROVIDED AS PART OF	ePACS SYSTEM	
1 EA	EXIT ALARM	PROVIDED AS PART OF	ePACS SYSTEM	

HARDWARE SET 2
(REFER TO CARRIER VESTIBULE PERSONNEL TO WORKROOM IN SPECIFICATIONS)
EACH SET TO HAVE:

3 EA	(H-1) HINGE MEDIUM WEIGHT DOOR, AVERAGE FREQUENCY, STEEL	BB1279 4.5x4.5	652	HAGER
1 EA	(P-1) PUSH	1001-3 4x16	630	TRIMCO
1 EA	(P-2) PULL	1010-3 4x16	630	TRIMCO
1 EA	(M-8) KICK PLATE	K0050 8x34	630	TRIMCO
1 EA	(S-1) DOORSTOP	1270W	630	TRIMCO
1 EA	(C-2) CLOSER	4111	689	LCN
3 EA	(M-5) SILENCER	1229A	GRAY	TRIMCO

HARDWARE SET 3
(REFER TO MAIL AND CARRIER VESTIBULE IMPACT DOORS IN SPECIFICATIONS)
ALL HARDWARE FURNISHED BY IMPACT DOOR SUPPLIER AS SPECIFIED IN SECTION 083800

HARDWARE SET 4
(REFER TO TOOLS/PARTS TO WORKROOM SINGLE DOOR IN SPECIFICATIONS)
EACH SET TO HAVE:
3 EACH (H-1) HINGES
1 EACH (L-1) STOREROOM LOCK
1 EACH DOOR STOP
1 EACH CLOSER
1 EACH CARD READER – PROVIDED AS PART OF THE EPACS SYSTEM
1 EACH ELECTRIC STRIKE – PROVIDED AS PART OF THE EPACS SYSTEM
1 EACH DOOR CONTACT – PROVIDED AS PART OF THE EPACS SYSTEM
1 EACH REQUEST TO EXIT MOTION SENSOR – PROVIDED AS PART OF THE EPACS SYSTEM

HARDWARE SET 5
(REFER TO TOOLS/PARTS TO WORKROOM PAIR OF DOORS IN SPECIFICATIONS)
EACH SET TO HAVE:
6 EACH (H-1) HINGES
1 EACH (L-1) HOTEL LOCK (SIMILAR TO F15)
1 SET (M-6) FLUSHBOLTS (TOP & BOTTOM)
2 EACH CLOSERS
2 EACH WALL STOPS
2 EACH DOOR CONTACTS – PROVIDED AS PART OF THE EPACS SYSTEM
2 EACH MAGNETIC LOCKS – PROVIDED AS PART OF THE EPACS SYSTEM
1 EACH REQUEST TO EXIT MOTION SENSOR – PROVIDED AS PART OF THE EPACS SYSTEM
1 EACH DOOR RELEASE PUSH BUTTON – PROVIDED AS PART OF THE EPACS SYSTEM
1 EACH CARD READER – PROVIDED AS PART OF THE EPACS SYSTEM

HARDWARE SET 6 (REFER TO MAINTENANCE SHOP TO EXTERIOR PAIR DOORS IN SPECIFICATIONS)
EACH SET TO HAVE:
6 EACH (H-2) HINGES
1 EACH (L-1) HOTEL LOCK (SIMILAR TO F15)
1 EACH (T-3) THRESHOLD
1 SET (W-1) DOOR GASKETS
1 SET (M-6) FLUSHBOLTS (TOP & BOTTOM)
1 EACH (M-7) ASTRAGAL
2 EACH (S-1) DOOR STOP
2 EACH CLOSERS
1 EACH RAIN DRIP
1 EACH REQUEST TO EXIT MOTION SENSOR – PROVIDED AS PART OF THE EPACS SYSTEM
2 EACH MAGNETIC LOCKS – PROVIDED AS PART OF THE EPACS SYSTEM
2 EACH DOOR CONTACTS – PROVIDED AS PART OF THE EPACS SYSTEM
1 EACH DOOR RELEASE PUSH BUTTON – PROVIDED AS PART OF THE EPACS SYSTEM
1 EACH CARD READER – PROVIDED AS PART OF THE EPACS SYSTEM

GENERAL NOTES

A. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FULLY AND COMPLETELY READ AND UNDERSTAND USPS STANDARD SPECIFICATIONS AND TO PROVIDE A FINISHED PROJECT, INCLUDING ALL PURCHASED ITEMS, FULLY CONFORMING TO THESE SPECIFICATIONS.
B. BUILDING HAS BEEN FIELD MEASURED. HOWEVER, GC SHALL BE REQUIRED TO REVIEW SITE CONDITIONS AGAINST DRAWINGS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE ANY WORK COMMENCES.
C. DO NOT SCALE DRAWINGS.
D. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE MEP DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING / INSTALLATION OF MECHANICAL, ELECTRICAL, AND PLUMBING WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND MEP DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
E. COORDINATE WORK WITH OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE TENANT AND LANDLORD/BUILDING OWNER, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK.
F. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
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H. WHEN WORK, NOT SPECIFICALLY CALLED OUT, IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR WITH THE BEST MATERIALS AND WORKMANSHIP.
I. GC RESPONSIBLE FOR ENGAGING SHORING ENGINEERING FOR ALL BRACING REQUIRED FOR DEMOLITION AND CONSTRUCTION.
J. COORDINATE ALL NEW FLOOR, BASE, WALL AND CEILING FINISHES WITH FINISH PLAN & NOTES.
K. PROVIDE 2 x DRICON (OR APPROVED EQUAL) FIRE RETARDANT TREATED WOOD BLOCKING BEHIND GYP. BD. AT ALL FIXTURES, MILLWORK AND EQUIPMENT THAT REQUIRES WOOD BLOCKING FOR INSTALLATION. REPLACE ALL WATER DAMAGED OR DAMAGED BLOCKING UNCOVERED DURING DEMOLITION AS REQUIRED.

PLUMBING FIXTURE / ACCESSORY LEGEND

EWC-1	DRINKING FOUNTAIN / BOTTLE FILLER
FR-1	REFRIGERATOR
GB-1	GRAB BAR, 36"
GB-2	GRAB BAR, 42"
GB-3	GRAB BAR, 18"
L-1	LAVATORY
L-2	ADA LAVATORY
IM-1	ICE MACHINE
M-1	MIRROR 24"x36"
M-2	MIRROR 18"x60"
MH-1	MOP / BROOM HOLDER W/ SHELF
MV-1	MICROWAVE - EXISTING TO REMAIN
P-1	TOILET PARTITION
PT-1	PAPER TOWEL DISPENSER
PT-2	PAPER TOWEL DISPOSAL UNIT
S-1	COUNTERTOP SINK
SD-1	SOAP DISPENSER
SDU-1	SANITARY DISPOSAL UNIT
SV-1	SANITARY VENDOR
TP-1	TOILET PAPER DISPENSER
U-1	URINAL
UP-1	URINAL PARTITION SCREEN
US-1	UTILITY SINK
VM-1	VENDING MACHINE
WC-1	WATER CLOSET
WC-2	WATER CLOSET

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PROJECT MANAGER: DL | DESIGNER: DG | JOB NO. 2022359.19

USPS - OLYMPIA, WA - SDC
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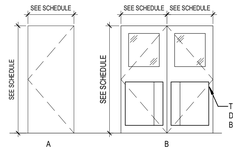
TUMWATER, WA 98501

UNITED STATES POSTAL SERVICE
Facilities, 4301 wilson blvd., suite 300, arlington, va 22203-1861

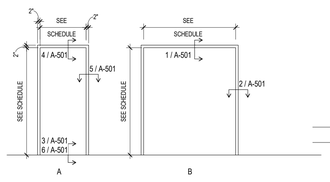
SCHEDULES & DETAILS

Revisions: CONSTRUCTION SET
Date: 09.25.2023
Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

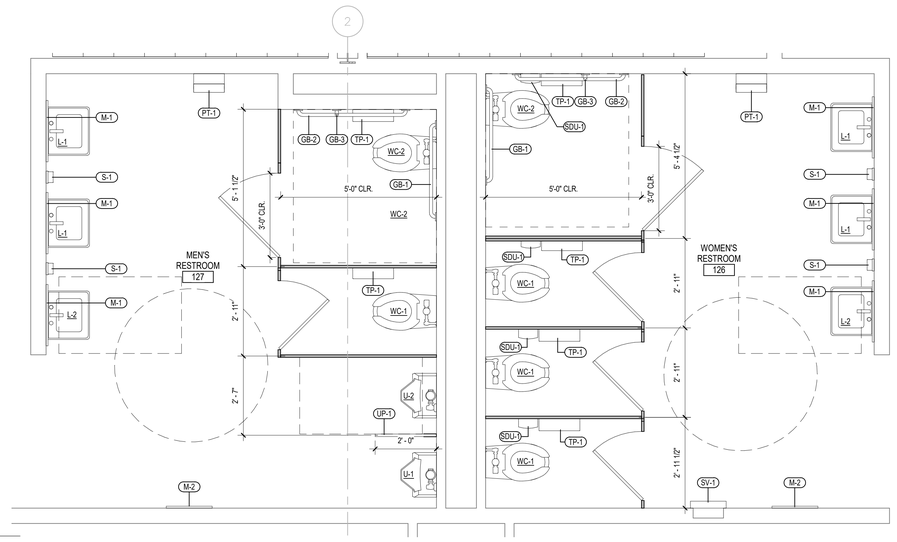
A-501



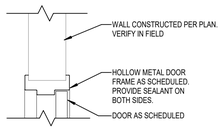
9 DOOR TYPES
1/4" = 1'-0"



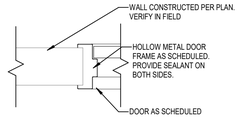
7 FRAME TYPES
1/4" = 1'-0"



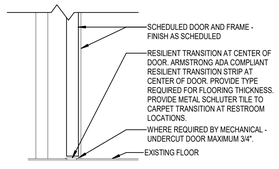
8 ENLARGED ADA RESTROOMS PLAN
1/2" = 1'-0"



4 DOOR HEAD DETAIL
1 1/2" = 1'-0"

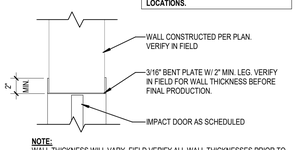


5 DOOR JAMB DETAIL
1 1/2" = 1'-0"



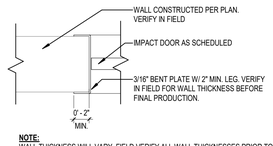
6 DOOR SILL DETAIL
1 1/2" = 1'-0"

NOTE: SIDING TO BE RE-WORKED AND RE-ATTACHED AROUND NEW OPENINGS IN EXISTING EXTERIOR WALLS. PROVIDE NEW FLASHING AT NEW HEAD AND JAMB CONDITIONS ON EXISTING EXTERIOR WALL LOCATIONS.



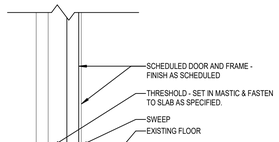
NOTE:
WALL THICKNESS WILL VARY. FIELD VERIFY ALL WALL THICKNESSES PRIOR TO CONSTRUCTION.

1 IMPACT DOOR HEAD DETAIL
1 1/2" = 1'-0"

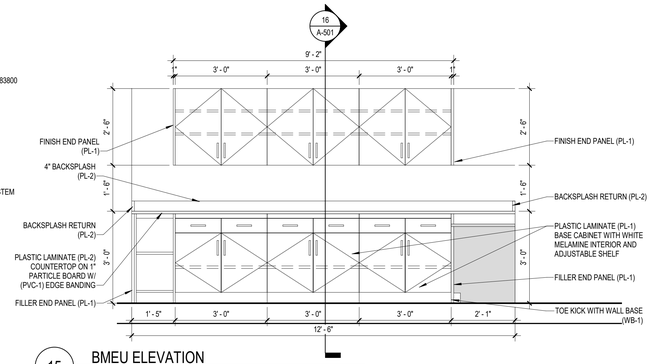


NOTE:
WALL THICKNESS WILL VARY. FIELD VERIFY ALL WALL THICKNESSES PRIOR TO CONSTRUCTION.

2 IMPACT DOOR JAMB DETAIL
1 1/2" = 1'-0"

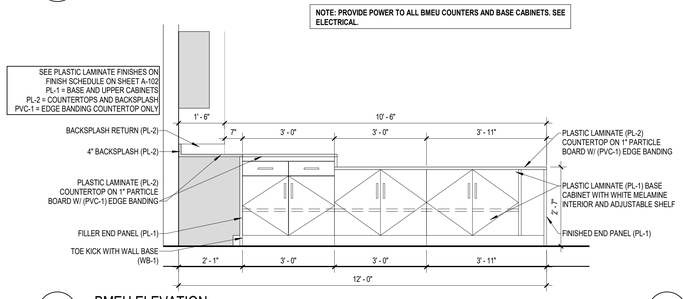


3 DOOR SILL DETAIL
1 1/2" = 1'-0"

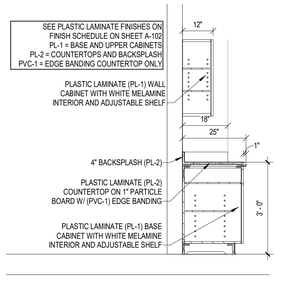


15 BMEU ELEVATION
1/2" = 1'-0"

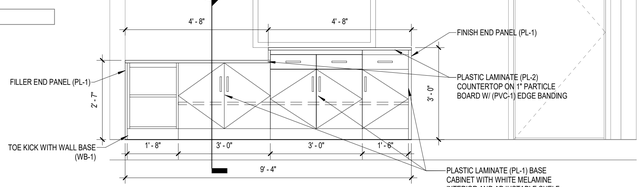
NOTE: PROVIDE POWER TO ALL BMEU COUNTERS AND BASE CABINETS. SEE ELECTRICAL.



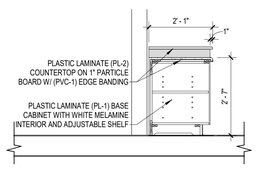
14 BMEU ELEVATION
1/2" = 1'-0"



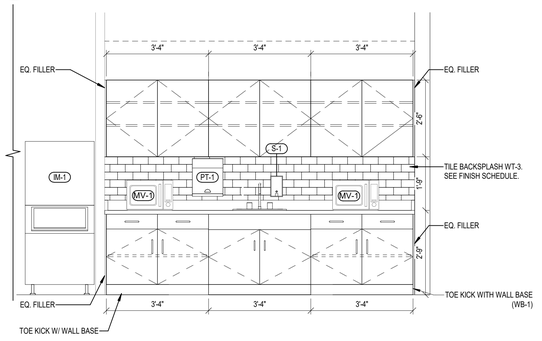
16 BMEU CASEWORK SECTION
1/2" = 1'-0"



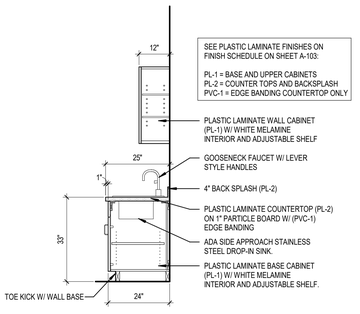
12 BMEU ELEVATION
1/2" = 1'-0"



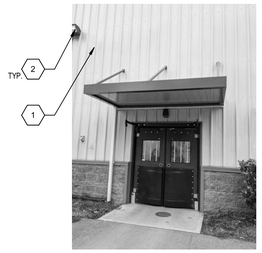
13 BMEU CASEWORK SECTION
1/2" = 1'-0"



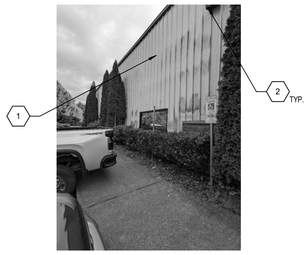
10 BREAK ROOM ELEVATION
1/2" = 1'-0"



11 CASEWORK SECTION
1/2" = 1'-0"



17 REFERENCE PHOTO



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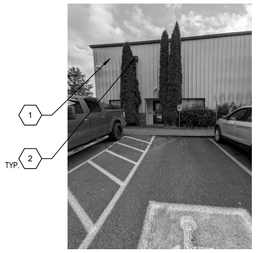

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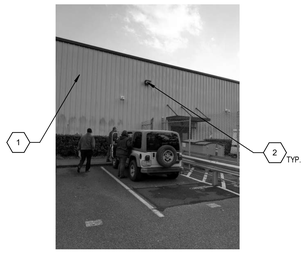

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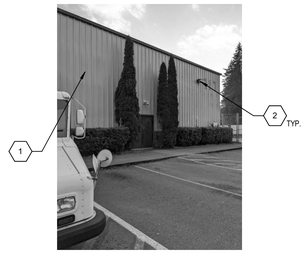
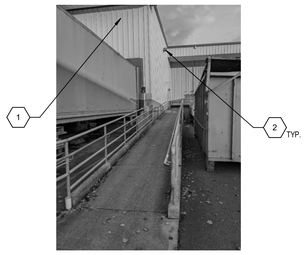


15 REFERENCE PHOTO

16 REFERENCE PHOTO

9 REFERENCE PHOTO



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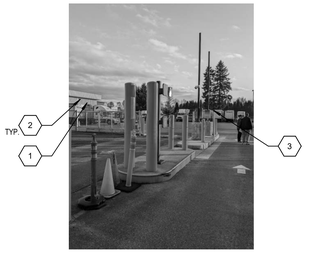
11 REFERENCE PHOTO



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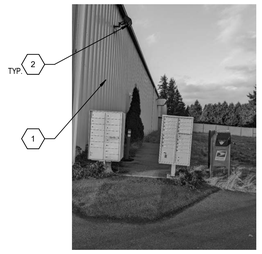

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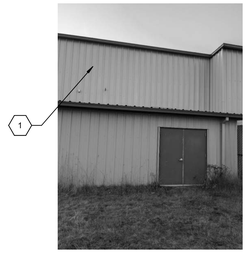

1 REFERENCE PHOTO

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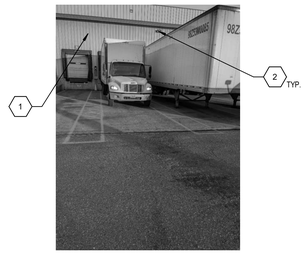

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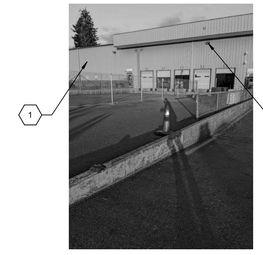

4 REFERENCE PHOTO

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G. WHERE THERE MAY BE A CONFLICT IN THE SPECIFICATIONS AND/OR DRAWINGS, THEN THE MORE EXPENSIVE LABOR, MATERIALS AND EQUIPMENT SHALL BE ASSUMED TO BE REQUIRED AND SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO THE SATISFACTION OF THE TENANT.
H. WHEN WORK, NOT SPECIFICALLY CALLED OUT, IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR WITH THE BEST MATERIALS AND WORKMANSHIP.
I. GC RESPONSIBLE FOR ENGAGING SHORING ENGINEERING FOR ALL BRACING REQUIRED FOR DEMOLITION AND CONSTRUCTION.

PLAN KEYNOTES

1. EXTERIOR BUILDING WORK TYPICAL ALL SIDES OF BUILDING:
   - PRESSURE WASH ALL EXTERIOR SURFACES.
   - PATCH, REPAIR, AND RE-TUCK POINT ANY MISSING MORTAR. COLOR AND STYLE TO MATCH EXISTING CONSTRUCTION.
   - REMOVE OLD SEALANT AND BACKER RODS, INCLUDING ALL WINDOWS AND DOORS. DO NOT CAULK OVER EXISTING WEEP HOLES. INSTALL NEW BACKER ROD AND SEALANT IN PLACE TO MATCH EXISTING COLOR. NOTE: POSSIBLE ACM AND LBP FOUND IN EXTERIOR CAULKING. SEE BOOK SPECS FOR ASBESTOS REPORT.
   - ALL PREVIOUSLY PAINTED METAL SURFACES TO BE SCRAPED AND REPAINTED TO MATCH EXISTING PAINT COLOR. VERIFY COLOR IN FIELD. INCLUDED BUT NOT LIMITED TO PREVIOUSLY PAINTED BOLLARDS, GUARD RAILS, METAL DOORS AND FRAMED ETC.
2. UPDATE ALL NON-LED EXTERIOR LIGHT FIXTURES TO LED FIXTURES. ELECTRICAL TO RE-ESTABLISH POWER TO ANY DISCONNECTED LIGHTING FIXTURES. COORDINATE WITH ELECTRICAL DRAWINGS.
3. UPDATE ALL GATES LEADING TO LOADING DOCKS SO THAT THEY ARE OPERATIONAL.
4. REMOVE ALL EXISTING SATELLITE DISHES.

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REFERENCE PHOTOS

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A-502

PLUMBING FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	MODEL	DESCRIPTION	CONNECTIONS			
				CW	HW	WASTE	VENT
WC-1	AMERICAN STANDARD (CONTRACTOR TO VERIFY MOUNTING TYPE)	3049.001 3351.101	"MADERA" ELONGATED BOWL FLOOR MOUNTED TYPE WATER CLOSET, 16.5" BOWL RIM HEIGHT, HIGH EFFICIENCY, LOW CONSUMPTION (1.28 GAL. PER FLUSH) VITREOUS CHINA TOILET, SIPHON JET ACTION, FLOOR MOUNTED BOWL W/ BACK OUTLET. BEMIS MODEL 195SCT OPEN FRONT SEAT. PROVIDE WITH SLOAN MODEL ROYAL 111-1.28-YO MANUALLY OPERATED DIAPHRAGM FLUSH VALVE. CONTRACTOR TO VERIFY MOUNTING TYPE IN FIELD PRIOR TO ORDERING. SEE DRAWING KEYNOTES FOR ADA COMPLIANCE. "AFWALL" ELONGATED BOWL TOP SPUD, LOW CONSUMPTION (1.6 GAL. PER FLUSH) VITREOUS CHINA TOILET, SIPHON JET ACTION, WALL MOUNTED BOWL W/ BACK OUTLET, PROVIDE BEMIS MODEL 195SCT OPEN FRONT SEAT. PROVIDE WITH SLOAN MODEL ROYAL 111-1.28-YO MANUALLY OPERATED DIAPHRAGM FLUSH VALVE AND CONCEALED WALL CARRIER. CONTRACTOR TO VERIFY MOUNTING TYPE IN FIELD PRIOR TO ORDERING. SEE DRAWING KEYNOTES FOR WATER CLOSET MOUNTING HEIGHT.	1"	-	4"	2"
UR-1	AMERICAN STANDARD	6590.001	"WASHBROOK" LOW-CONSUMPTION (0.5 GALLONS PER FLUSH) URINAL, WASHOUT FLUSH ACTION, 3/4" TOP INLET SPUD, 2" OUTLET, PROVIDE WITH CONCEALED WALL CARRIER AND SLOAN MODEL ROYAL 186-0.5-SG FLUSH VALVE.	3/4"	-	2"	2"
UR-2	AMERICAN STANDARD	6590.001	"WASHBROOK" LOW-CONSUMPTION (0.5 GALLONS PER FLUSH) URINAL, WASHOUT FLUSH ACTION, 3/4" TOP INLET SPUD, 2" OUTLET, PROVIDE WITH CONCEALED WALL CARRIER AND SLOAN MODEL ROYAL 186-0.5-SG FLUSH VALVE. MOUNT TO BE ADA COMPLIANT.	3/4"	-	2"	2"
L-1	AMERICAN STANDARD	0355.012	"LUCERNE" WALL HUNG VITREOUS CHINA LAVATORY, 20"x18" WITH FRONT OVERFLOW, PROVIDE WITH CHROME FINISH AMERICAN STANDARD MODEL "MONTERREY" 6114.116.002, 0.5 GPM WITH FLOW RESTRICTOR AND GRID DRAIN. PROVIDE WITH OFFSET DRAIN, INSULATION KIT, AND CONCEALED ARM CARRIER. PROVIDE CHROME FINISH ASSE 1070 LISTED UNDER-SINK THERMOSTATIC MIXING VALVE SET AT 105°F.	1/2"	1/2"	2"	1-1/2"
L-2	AMERICAN STANDARD	0355.012	"LUCERNE" WALL HUNG VITREOUS CHINA LAVATORY, 20"x18" WITH FRONT OVERFLOW, PROVIDE WITH CHROME FINISH AMERICAN STANDARD MODEL "MONTERREY" 6114.116.002, 0.5 GPM WITH FLOW RESTRICTOR AND GRID DRAIN. MOUNT TO BE ADA COMPLIANT, PROVIDE WITH OFFSET DRAIN, INSULATION KIT, AND CONCEALED ARM CARRIER. PROVIDE CHROME FINISH ASSE 1070 LISTED UNDER-SINK THERMOSTATIC MIXING VALVE SET AT 105°F.	1/2"	1/2"	2"	1-1/2"
S-1	ELKAY	LRAD1918360	#18 GAUGE, 19"x18" STAINLESS STEEL SELF RIM SINGLE BOWL SINK, SATIN FINISH, 6" DEEP ADA COMPLIANT COMPARTMENT. UNIT DRILLED FOR FAUCET AND DRAIN. PROVIDE COMPLETE WITH MOEN "CHATEAU" MODEL 67425 ADA COMPLIANT, ONE HANDLE FAUCET WITH AERATOR AND 1.5 GPM FLOW RESTRICTOR. PROVIDE SINK WITH STRAINERS FOR DRAINS. FIELD VERIFY CABINET SIZE TO DETERMINE SINK MODEL.	1/2"	1/2"	2"	1-1/2"
EWC-1	ELKAY	LZSG8WSSK	SINGLE ELECTRIC WATER COOLER WITH BOTTLE FILLER, FILTER, 8.0 GPH AT 50 DEG. F. WATER TEMP., 120/1/60, 6.0 F.L.A., 325 WATTS AND LIMITED 5 YEAR WARRANTY. ENTIRE INSTALLATION SHALL COMPLY WITH ALL CURRENT ADA REQUIREMENTS.	1/2"	-	2"	1-1/2"

PLUMBING ABBREVIATIONS

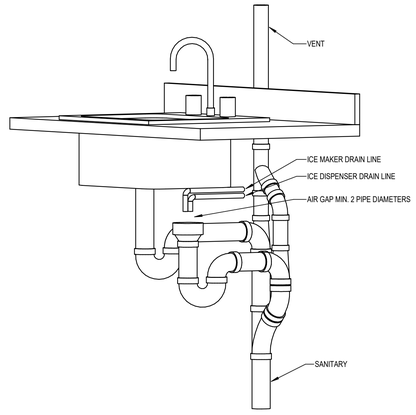
SAN	SANITARY PIPING
GW	GREASE WASTE
V	SANITARY VENT PIPING
RD	ROOF DRAIN PIPING
OFD	OVERFLOW ROOF DRAIN PIPING
CW	COLD WATER PIPING
HW	HOT WATER PIPING
HWR	HOT WATER RETURN PIPING
NG	NATURAL GAS PIPING
FP	FIRE PROTECTION PIPING
CA	COMPRESSED AIR PIPING
CD	CONDENSATE DRAIN PIPING
WC	WATER CLOSET
UR	URINAL
LAV	LAVATORY
S	SINK
MS	MOP SINK
EWC	ELECTRIC WATER COOLER
FW/FCO	FLUSH WITH FLOOR CLEANOUT
FW/GCO	FLUSH WITH GROUND CLEANOUT
FW/WCO	FLUSH WITH WALL CLEANOUT
CO	CLEANOUT
FD	FLOOR DRAIN
SH	SHOWER
VTR	VENT THRU ROOF
FS	FLOOR SINK
KEC	KITCHEN EQUIPMENT CONTRACTOR
BFP	BACKFLOW PREVENTER
HD	HUB DRAIN
AFF	ABOVE FINISHED FLOOR
AD	ACCESS DOOR
FPSC	FROSTPROOF SILLCOCK
HB	HOSE BIBB
NG(LP)	LOW PRESSURE NATURAL GAS (7" w.c.)

SPECIFICATIONS NOTE

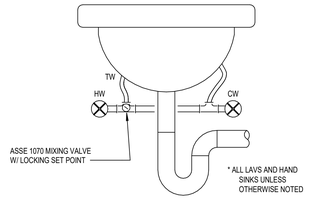
ALL EQUIPMENT, MATERIALS AND INSTALLATION PRACTICES TO MEET THE REQUIREMENTS WITHIN THE SPECIFICATIONS OF THIS PROJECT.

SEISMIC NOTE

THIS PROJECT IS LOCATED IN A SEISMIC REGION. CONTRACTOR TO PROVIDE AND INSTALL THE APPROPRIATE SEISMIC RESTRAINTS AND CURBS AS REQUIRED PER CODE. ALL SEISMIC RESTRAINTS SHALL BE RATED AND APPROVED FOR THE SEISMIC DESIGN CATEGORY RATING FOR THE SITE AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS IN ORDER TO MAINTAIN RATING.



2 INDIRECT DRAIN UNDER SINK DETAIL
N.T.S.



1 SINK TEMPERED WATER VALVE DETAIL
N.T.S.

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P-001

PLUMBING LEGEND, SCHEDULES, AND DETAILS

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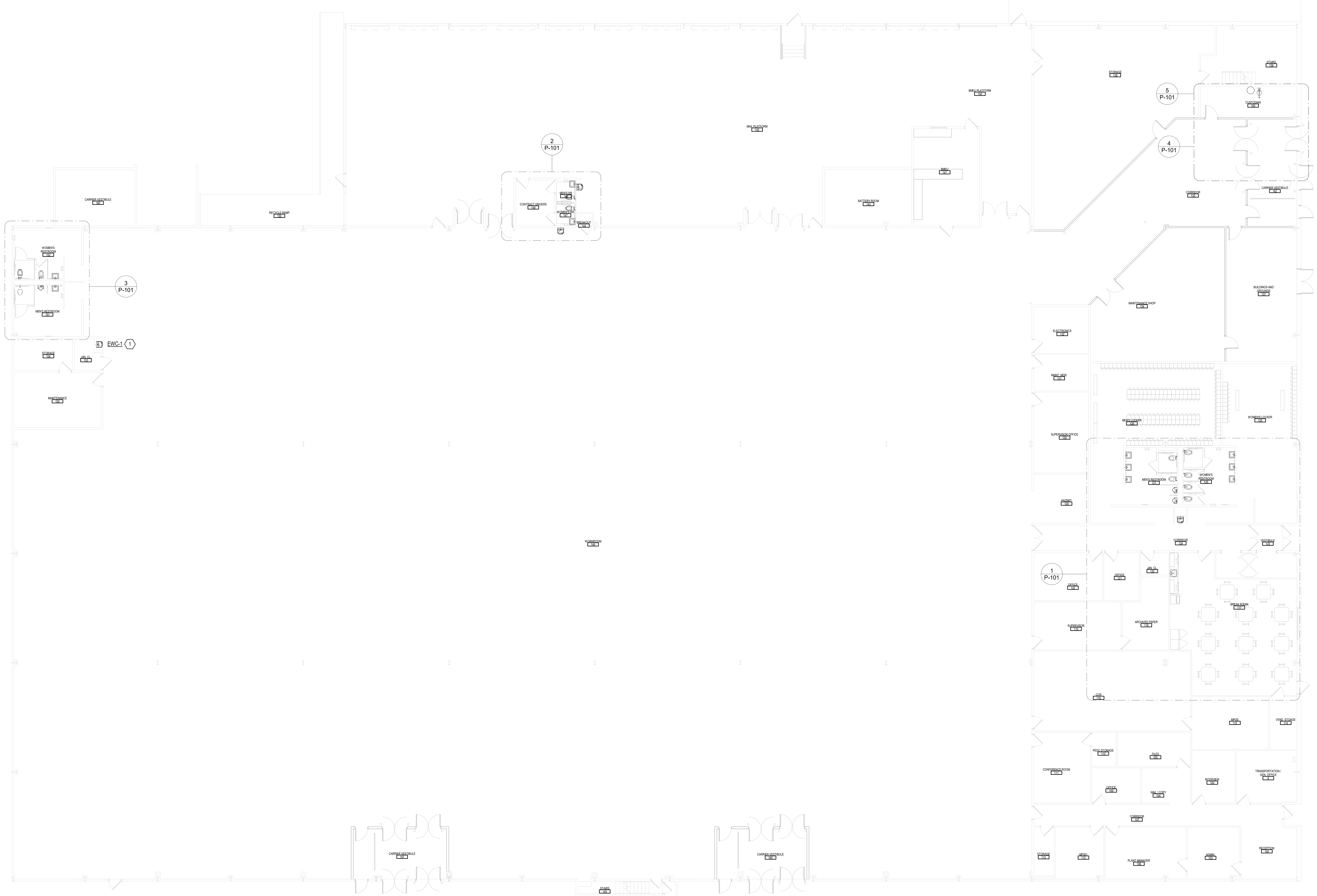

1 PLUMBING - OVERALL PLAN - NEW WORK
3/32" = 1'-0"

GENERAL NOTES

1. THE GENERAL NOTES LISTED HERE APPLY TO ALL PLUMBING DRAWINGS IN ADDITION TO ANY ADDITIONAL DRAWING NOTES ON THE INDIVIDUAL DRAWINGS.
2. SEE PLAN NOTES ON INDIVIDUAL DRAWING SHEETS FOR SPECIFIC INSTRUCTIONAL NOTES.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
4. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES WHICH OCCURS BY HIS FAILURE TO LOCATE OR PRESERVE THE UNDERGROUND CONDITIONS.
5. IF DURING CONSTRUCTION OPERATIONS, THE PLUMBING CONTRACTOR ENCOUNTERS UTILITIES OTHER THAN THOSE LOCATIONS SHOW IN THE PLANS, HE SHALL IMMEDIATELY NOTIFY ENGINEER AND TAKE THE NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
6. COORDINATE WITH GENERAL TRADES WORK, HVAC WORK, ELECTRICAL WORK AND OTHER WORK.
7. THE PLUMBING DESIGN DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EXACT LOCATION OF EQUIPMENT AND PIPING UNLESS DIMENSIONS ARE GIVEN OR OTHERWISE IMPLIED FOR CLEARANCES, ETC. PIPING AND PLUMBING EQUIPMENT ARE TO BE INSTALLED ALONG THE GENERAL PLANS SHOWN ON THE DRAWINGS, BUT KEEPING IN MIND ACTUAL BUILDING CONDITIONS WHICH MUST BE CONFORMED WITHIN THE ACTUAL WORK. CONTRACTORS IN THEIR BIDS ARE REQUIRED TO INCLUDE ALL LABOR AND MATERIALS AND OTHER RELATED WORK NECESSARY TO PROVIDE MINOR OFFSETS IN PLUMBING WORK AS REQUIRED TO AVOID CONFLICT WITH OTHER WORK ON THIS PROJECT OR AS REQUIRED IN ORDER TO OBTAIN MAXIMUM HEAD ROOM OR EQUIPMENT ACCESS IN SPACES.
8. THE PLUMBING CONTRACTOR IS TO COORDINATE ALL PIPING WITH OTHER TRADES PRIOR TO ROUTING PIPING AND SHALL MAKE OFFSETS AND ADJUST PIPE ROUTING AS REQUIRED TO HANDLE CONFLICTS IN THE FIELD. THE PLUMBING CONTRACTORS SHALL ALSO BE REQUIRED TO OFFSET VERTICAL SANITARY AND VENT LINES AROUND STRUCTURAL MEMBERS AS REQUIRED AND SHALL INCLUDE THE ASSOCIATED COST FOR ADDITIONAL FITTINGS, PIPING, AND MAN HOURS TO ACCOMMODATE CONFLICTS.
9. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION AND ELEVATION OF PLUMBING FIXTURES.
10. P.C. TO FURNISH WALL FLANGES AROUND ALL PIPING EXPOSED BELOW CEILING AND CASEWORK.
11. EQUIPMENT CONNECTION ARRANGEMENTS, FLANGES, UNIONS, VALVING, ETC. ARE NOT TYPICALLY SHOWN ON PLAN VIEWS. REFER TO DETAILS FOR REQUIREMENTS. INSTALL ALL VALVES AND OTHER ITEMS REQUIRING OR FACILITATING MAINTENANCE IN ACCESSIBLE LOCATIONS, AND SO AS TO NOT OBSTRUCT MAINTENANCE ON EQUIPMENT SERVED.
12. THE CONTRACTOR SHALL EXECUTE THE WORK IN STRICT ACCORDANCE WITH USPS MPF SPECIFICATIONS AND DRAWINGS. WHERE WORK IS SHOWN ON THE DRAWING AND NOT SPECIFIED OR SPECIFIED AND NOT SHOWN ON DRAWING, THE CONTRACTOR SHALL PROVIDE ALL SUCH WORK.
13. IN THE EVENT OF A CONFLICT BETWEEN THE USPS MPF SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT CONDITION SHALL APPLY.

PLAN KEYNOTES

1. EXTEND 2" SANITARY, 1-1/2" VENT AND 1/2" DOMESTIC COLD WATER PIPING FROM EXISTING PIPING TO ELECTRIC WATER COOLER. CONTRACTOR TO PROVIDE AND INSTALL NEW ISOLATION VALVES ON DOMESTIC COLD WATER PIPING SERVING ELECTRIC WATER COOLER.

PLUMBING CONSTRUCTION COODINATION NOTE

CONTRACTOR SHALL ONLY RENOVATE A SINGLE SET OF RESTROOMS AT A TIME, ONE MEN'S AND ONE WOMEN'S. ALL OTHER RESTROOM LOCATIONS AT THE SITE SHALL REMAIN IN SERVICE UNTIL RENOVATION OF THE RESTROOMS OUT OF SERVICE IS COMPLETE.

SPECIFICATIONS NOTE

ALL EQUIPMENT, MATERIALS AND INSTALLATION PRACTICES TO MEET THE REQUIREMENTS WITHIN THE SPECIFICATIONS OF THIS PROJECT.

SEISMIC NOTE

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PLUMBING OVERALL PLAN

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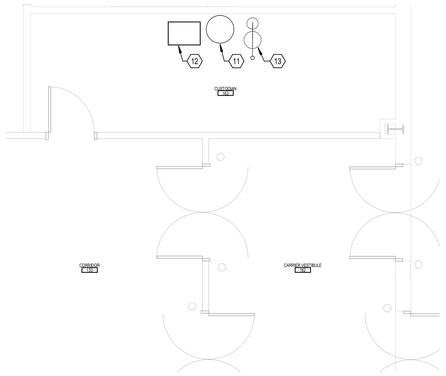
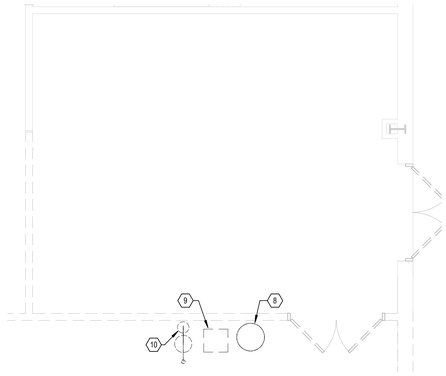
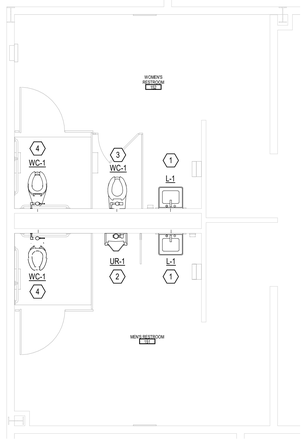


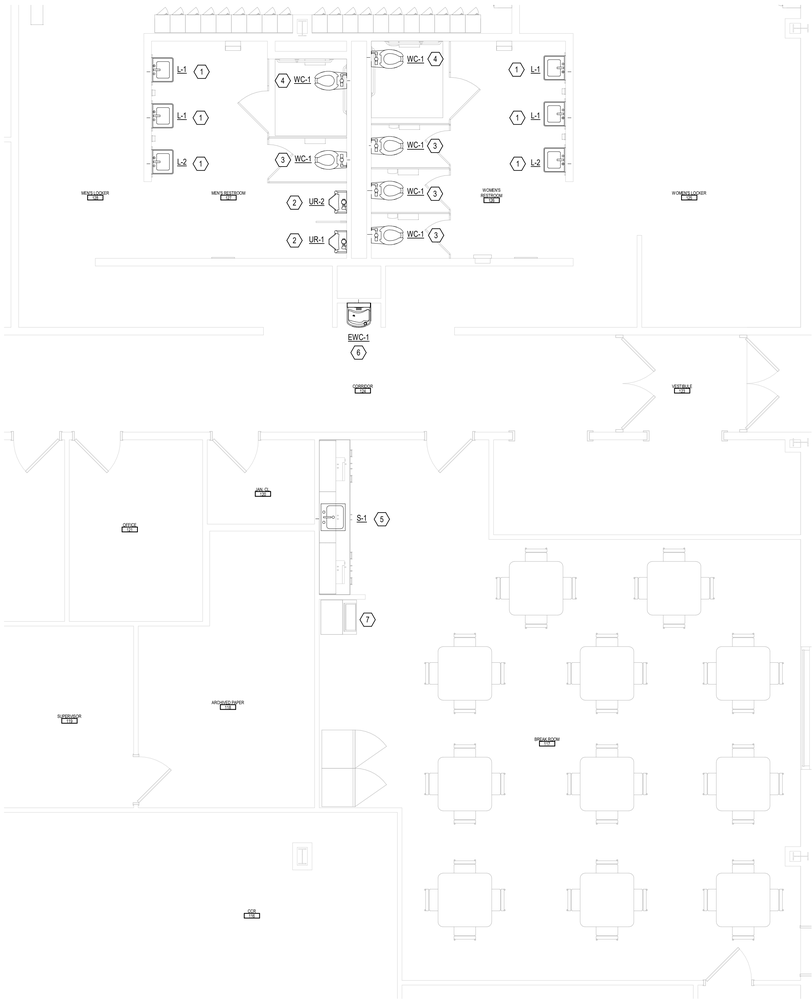
5 PLUMBING - ENLARGED CUSTODIAL CLOSET - NEW WORK
1/4" = 1'-0"



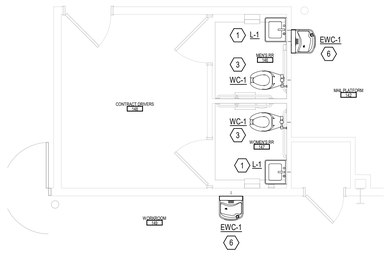
4 PLUMBING - ENLARGED CUSTODIAL CLOSET - DEMO
1/4" = 1'-0"



3 PLUMBING - ENLARGED RESTROOM PLAN - NEW WORK
1/4" = 1'-0"



1 PLUMBING - ENLARGED RESTROOM AND BREAK ROOM PLAN - NEW WORK
1/4" = 1'-0"



2 PLUMBING - ENLARGED CONTRACT DRIVER RESTROOM - NEW WORK
1/4" = 1'-0"

GENERAL NOTES

1. THE GENERAL NOTES LISTED HERE APPLY TO ALL PLUMBING DRAWINGS IN ADDITION TO ANY ADDITIONAL DRAWING NOTES ON THE INDIVIDUAL DRAWINGS.
2. SEE PLAN NOTES ON INDIVIDUAL DRAWING SHEETS FOR SPECIFIC INSTRUCTIONAL NOTES.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
4. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES WHICH OCCURS BY HIS FAILURE TO LOCATE OR PRESERVE THE UNDERGROUND CONDITIONS.
5. IF DURING CONSTRUCTION OPERATIONS, THE PLUMBING CONTRACTOR ENCOUNTERS UTILITIES OTHER THAN THOSE LOCATIONS SHOW IN THE PLANS, HE SHALL IMMEDIATELY NOTIFY ENGINEER AND TAKE THE NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
6. COORDINATE WITH GENERAL TRADES WORK, HVAC WORK, ELECTRICAL WORK AND OTHER WORK.
7. THE PLUMBING DESIGN DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EXACT LOCATION OF EQUIPMENT AND PIPING UNLESS DIMENSIONS ARE GIVEN OR OTHERWISE IMPLIED FOR CLEARANCES, ETC. PIPING AND PLUMBING EQUIPMENT ARE TO BE INSTALLED ALONG THE GENERAL PLANS SHOWN ON THE DRAWINGS, BUT KEEPING IN MIND ACTUAL BUILDING CONDITIONS WHICH MUST BE CONFORMED WITHIN THE ACTUAL WORK. CONTRACTORS IN THEIR BIDS ARE REQUIRED TO INCLUDE ALL LABOR AND MATERIALS AND OTHER RELATED WORK NECESSARY TO PROVIDE MINOR OFFSETS IN PLUMBING WORK AS REQUIRED TO AVOID CONFLICT WITH OTHER WORK ON THIS PROJECT OR AS REQUIRED IN ORDER TO OBTAIN MAXIMUM HEAD ROOM OR EQUIPMENT ACCESS IN SPACES.
8. THE PLUMBING CONTRACTOR IS TO COORDINATE ALL PIPING WITH OTHER TRADES PRIOR TO ROUTING PIPING AND SHALL MAKE OFFSETS AND ADJUST PIPE ROUTING AS REQUIRED TO HANDLE CONFLICTS IN THE FIELD. THE PLUMBING CONTRACTORS SHALL ALSO BE REQUIRED TO OFFSET VERTICAL SANITARY AND VENT LINES AROUND STRUCTURAL MEMBERS AS REQUIRED AND SHALL INCLUDE THE ASSOCIATED COST FOR ADDITIONAL FITTINGS, PIPING, AND MAN HOURS TO ACCOMMODATE CONFLICTS.
9. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION AND ELEVATION OF PLUMBING FIXTURES.
10. P.C. TO FURNISH WALL FLANGES AROUND ALL PIPING EXPOSED BELOW CEILING AND CASEWORK.
11. EQUIPMENT CONNECTION ARRANGEMENTS, FLANGES, UNIONS, VALVING, ETC. ARE NOT TYPICALLY SHOWN ON PLAN VIEWS. REFER TO DETAILS FOR REQUIREMENTS. INSTALL ALL VALVES AND OTHER ITEMS REQUIRING OR FACILITATING MAINTENANCE IN ACCESSIBLE LOCATIONS, AND SO AS TO NOT OBSTRUCT MAINTENANCE ON EQUIPMENT SERVED.
12. THE CONTRACTOR SHALL EXECUTE THE WORK IN STRICT ACCORDANCE WITH USPS MPF SPECIFICATIONS AND DRAWINGS. WHERE WORK IS SHOWN ON THE DRAWING AND NOT SPECIFIED OR SPECIFIED AND NOT SHOWN ON DRAWING, THE CONTRACTOR SHALL PROVIDE ALL SUCH WORK.
13. IN THE EVENT OF A CONFLICT BETWEEN THE USPS MPF SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT CONDITION SHALL APPLY.

PLAN KEYNOTES

1. EXTEND 2" SANITARY, 1-1/2" VENT AND 1/2" DOMESTIC HOT AND COLD WATER PIPING FROM EXISTING PIPING TO NEW LAVATORY. CONTRACTOR TO PROVIDE AND INSTALL NEW ISOLATION VALVES AND THERMOSTATIC MIXING VALVE ON DOMESTIC HOT AND COLD WATER PIPING SERVING LAVATORY. SEE DETAIL ON DRAWING P-001.
2. EXTEND 2" SANITARY, 2" VENT AND 3/4" DOMESTIC COLD WATER PIPING FROM EXISTING PIPING TO NEW URINAL. CONTRACTOR TO PROVIDE AND INSTALL NEW ISOLATION VALVE ON DOMESTIC COLD WATER PIPING SERVING URINAL.
3. EXTEND 4" SANITARY, 2" VENT AND 1" DOMESTIC COLD WATER PIPING FROM EXISTING PIPING TO NEW WATER CLOSET. CONTRACTOR TO PROVIDE AND INSTALL NEW ISOLATION VALVE ON DOMESTIC COLD WATER PIPING SERVING WATER CLOSET. CONTRACTOR TO VERIFY MOUNTING TYPE OF EXISTING WATER CLOSET ON SITE PRIOR TO ORDERING. CONTRACTOR TO ORDER APPROPRIATE WC-1 FROM SCHEDULE TO MATCH EXISTING MOUNTING TYPE.
4. EXTEND 4" SANITARY, 2" VENT AND 1" DOMESTIC COLD WATER PIPING FROM EXISTING PIPING TO NEW WATER CLOSET. CONTRACTOR TO PROVIDE AND INSTALL NEW ISOLATION VALVE ON DOMESTIC COLD WATER PIPING SERVING WATER CLOSET. MOUNT WATER CLOSET AT ADA HEIGHT. CONTRACTOR TO VERIFY MOUNTING TYPE OF EXISTING WATER CLOSET ON SITE PRIOR TO ORDERING. CONTRACTOR TO ORDER APPROPRIATE WC-1 FROM SCHEDULE TO MATCH EXISTING MOUNTING TYPE.
5. EXTEND 2" SANITARY PIPING FROM NEW SANITARY LINE TO NEW SINK. EXTEND 1-1/2" VENT AND 1/2" DOMESTIC HOT AND COLD WATER PIPING FROM EXISTING PIPING TO NEW SINK. CONTRACTOR TO PROVIDE AND INSTALL NEW ISOLATION VALVES ON DOMESTIC HOT AND COLD WATER PIPING SERVING SINK. PROVIDE AND INSTALL DISPOSER SERVING SINK. DISPOSER TO BE IN-SINK-ERATOR MODEL BADGER 1.0HP WITH 1.0HP MOTOR RATED AT 10.2 AMPS REQUIRING 120/1 OUTLET LOCATED BELOW SINK.
6. EXTEND 2" SANITARY, 1-1/2" VENT AND 1/2" DOMESTIC COLD WATER PIPING FROM EXISTING PIPING TO ELECTRIC WATER COOLER. CONTRACTOR TO PROVIDE AND INSTALL NEW ISOLATION VALVES ON DOMESTIC COLD WATER PIPING SERVING ELECTRIC WATER COOLER.
7. EXTEND 1/2" DOMESTIC COLD WATER FROM EXISTING 3/4" DOMESTIC COLD WATER PIPING. INSTALL RPZ PRIOR TO CONNECTION TO ICE MACHINE.
8. CONTRACTOR TO REMOVE EXISTING HOT WATER HEATER DURING DEMOLITION. PROTECT WATER HEATER FOR RELOCATION DURING NEW WORK. REMOVE DOMESTIC HW, CW, AND HWR LINES BACK TO MAINS AND CAP.
9. CONTRACTOR TO REMOVE EXISTING UTILITY SINK DURING DEMOLITION. PROTECT SINK FOR RELOCATION DURING NEW WORK. REMOVE DOMESTIC HW & CW PIPING BACK TO MAINS AND CAP. REMOVE VENT PIPING UP THROUGH ROOF. PATCH ROOF TO MATCH EXISTING AND SEAL WEATHER TIGHT. REMOVE SANITARY LINE SERVING SINK DOWN TO BELOW FLOOR AND PERMANENTLY CAP.
10. CONTRACTOR TO REMOVE EXISTING EMERGENCY SHOWER AND EYEWASH. PROTECT SHOWER AND EYEWASH FOR RELOCATION DURING NEW WORK. REMOVE DOMESTIC CW BACK TO MAIN AND CAP.
11. CONTRACTOR TO REINSTALL SALVAGED HOT WATER HEATER IN NEW CUSTODIAL ROOM. COORDINATE EXACT LOCATION WITH OWNER. EXTEND NEW FULL SIZE HW, CW, AND HWR PIPING FROM WATER HEATER INLETS. CONNECT NEW CW LINE FROM WATER HEATER TO EXISTING DOMESTIC CW MAIN. CONNECT NEW HW & HWR RETURN PIPING FROM WATER HEATER TO EXISTING HW & HWR PIPING TO MAINTAIN EXISTING PIPE ROUTING.
12. CONTRACTOR TO REINSTALL SALVAGED UTILITY SINK IN NEW CUSTODIAL ROOM. COORDINATE EXACT LOCATION WITH OWNER. EXTEND NEW 1/2" HW & CW AND CONNECT TO MINIMUM 3/4" HW & CW PIPING. EXTEND NEW 1-1/2" VENT AND ROUTE UP TO NEW 2" VENT THRU ROOF. EXTEND NEW 2" SANITARY PIPING FROM SINK AND CONNECT TO NEAREST EXISTING MINIMUM 2" SANITARY LINE. CONTRACTOR TO VERIFY EXACT SIZE AND LOCATION OF NEAREST UTILITIES PRIOR TO START OF WORK.
13. CONTRACTOR TO REINSTALL EMERGENCY SHOWER AND EYEWASH STATION IN NEW CUSTODIAL CLOSET. COORDINATE EXACT LOCATION WITH OWNER. EXTEND NEW 1" CW PIPING FROM EMERGENCY SHOWER AND CONNECT TO NEAREST EXISTING MINIMUM 1" CW LINE.

PLUMBING CONSTRUCTION COODINATION NOTE

CONTRACTOR SHALL ONLY RENOVATE A SINGLE SET OF RESTROOMS AT A TIME, ONE MEN'S AND ONE WOMEN'S. ALL OTHER RESTROOM LOCATIONS AT THE SITE SHALL REMAIN IN SERVICE UNTIL RENOVATION OF THE RESTROOMS OUT OF SERVICE IS COMPLETE.

SPECIFICATIONS NOTE

ALL EQUIPMENT, MATERIALS AND INSTALLATION PRACTICES TO MEET THE REQUIREMENTS WITHIN THE SPECIFICATIONS OF THIS PROJECT.

SEISMIC NOTE

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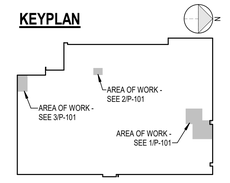
KEYPLAN



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P-101

PLUMBING ENLARGED PLANS

Revisions: CONSTRUCTION SET
Date: 09.25.2023

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER MODEL	SERVICE	AIRFLOW (CFM)	E.S.P. (IN W.C)	FRPM	MOTOR (HP)	OPERATING POWER (HP)	ELECTRIC	WEIGHT (LBS)	REMARKS
EF 1	GREENHECK SP-A90	RESTROOM EXHAUST	70	0.25	900	15 W	0.01	120/1	12	1
EF 2	GREENHECK SP-A390	RESTROOM EXHAUST	140	0.25	915	17 W	0.02	120/1	25	1
EF 4	GREENHECK G-140-VG	RESTROOM EXHAUST	1360	0.25	885	1/4	0.14	120/1	50	1
EF 5	GREENHECK SP-A200	CUSTODIAL	215	0.25	900	54 W	0.03	120/1	24	1

1. PROVIDE WITH BACKDRAFT DAMPER, FACTORY MOUNTED DISCONNECT SWITCH AND VIBRATION ISOLATORS. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL LOW VOLTAGE CONTROL WIRING. FAN TO RUN CONTINUOUSLY

DIFFUSER AND GRILLE SCHEDULE

MARK	MANUFACTURER MODEL NUMBER	NECK SIZE	FACE SIZE	MOUNTING	MAX CFM	PATTERN	SP @ MAX CFM	REMARKS
CD-1 -	TITUS OMNI-AA	M.C. TO VERIFY	24"x24"	LAY-IN	M.C. VERIFY EXISTING	4-WAY	---	1 2 3
CD-2 -	TITUS OMNI-AA	10"Ø	24"x24"	LAY-IN	380	4-WAY	0.03	1 2
RG-1 -	TITUS 50F	M.C. TO VERIFY	M.C. TO VERIFY	LAY-IN	M.C. VERIFY EXISTING	---	---	1 2 4
RG-2 -	TITUS 50F	10"x10"	12"x12"	LAY-IN	415	---	0.03	1 2
RG-3 -	TITUS 50F	22"x22"	24"x24"	LAY-IN	2,200	---	0.03	1 2
SG-1 -	TITUS 300-RL	10"x6"	12"x8"	SIDEWALL	240	---	0.03	1 2

1. MAXIMUM NC=25 @ MAXIMUM CFM NOTED.
2. FINISH & COLOR SELECTED BY ARCHITECT FROM MANUFACTURERS STANDARDS.
3. CONTRACTOR TO VERIFY EXISTING DIFFUSER NECK SIZE AND REPLACE WITH DIFFUSER OF SAME NECK SIZE.
4. CONTRACTOR TO VERIFY EXISTING GRILLE NECK AND FACE SIZE AND REPLACE TO MATCH EXISTING.

LEGEND MECHANICAL SYMBOLS

SYMBOL & ABBREVIATION	DESCRIPTION
SA/SUP	SUPPLY AIR (RISE/DROP)
RA/RET	RETURN AIR DUCT (RISE/DROP)
EA/EXH	EXHAUST AIR DUCT (RISE/DROP)
CD/SR	CEILING DIFFUSER/SUPPLY REGISTER (ARROWHEAD REPRESENTS NUMBER OF THROW)
RR/RG	RETURN REGISTER/GRILL
ER/EG	EXHAUST REGISTER/GRILL
DIA.	DIAMETER
AC 1	MECHANICAL EQUIPMENT DESIGNATION / DESIGNATION NUMBER
D-1 200	DIFFUSER/GRILLE DESIGNATION / CFM QUANTITY
S	DUCT MOUNTED SMOKE DETECTOR
T	TEMPERATURE SENSOR
MECH EQUIP	MINIMUM REQUIRED MAINTENANCE AREA
	CONNECT TO EXISTING

SPECIFICATIONS NOTE

ALL EQUIPMENT, MATERIALS AND INSTALLATION PRACTICES TO MEET THE REQUIREMENTS WITHIN THE SPECIFICATIONS OF THIS PROJECT.

HVAC WORK COORDINATION

COORDINATE ALL HVAC WORK ASSOCIATED WITH THIS WORK WITH ON GOING HVAC UPGRADE PROJECT ENGINEER AND CONTRACTOR.

SEISMIC NOTE

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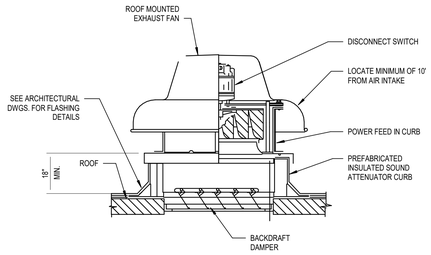
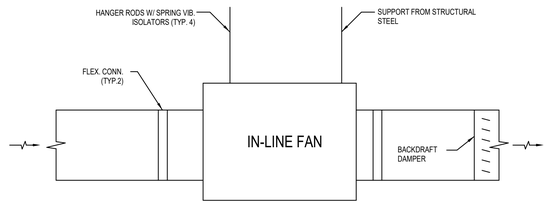
MECHANICAL ABBREVIATIONS

ABOVE FINISHED FLOOR	AFF
AIR-HANDLING UNIT	AHU
ALTERNATING CURRENT	AC
AMBIENT	AMB
AMPERE (AMP, AMPS)	AMP
APPARATUS DEW POINT	ADP
APPROXIMATE	APPROX
AVERAGE	AVG
BRAKE HORSEPOWER	BHP
BRITISH THERMAL UNIT	BTU
CENTER TO CENTER	C TO C
CLOCKWISE	CW
COMPRESSOR	COMP.
CONDENS (-ER, -ING, -ATION)	COND
COUNTERCLOCKWISE	CCW
CUBIC FEET PER MINUTE	CFM
DECIBEL	DB
DEGREE	DEG OR °
DEW-POINT TEMPERATURE	DPT
DIAMETER	DIA Ø
DIRECT CURRENT	DC
DRY-BULB	DB
EFFICIENCY	EFF
ELEVATION	ELEV
ENTERING WATER TEMPERATURE	EWT
ENTERING AIR TEMPERATURE	EAT
EXPANSION	EXP
FACE AREA	FA
FAHRENHEIT	°F
FEET PER MINUTE	FPM
FOOT OR FEET	FT
FREQUENCY (ELECTRICAL)	HZ
GAGE OR GAUGE	GA
GALLONS	GAL
GALLONS PER HOUR	GPH
HEAD	HD
HEIGHT	HT
HORSEPOWER	HP
HUMIDITY, RELATIVE	RH
IRON PIPE SIZE	IPS
KILOWATT	KW
LATENT HEAT	LH
LEAVING AIR TEMPERATURE	LAT
LEAVING WATER TEMPERATURE	LWT
LINEAR FEET	LF
LIQUID	LIQ
MAXIMUM	MAX
MILES PER HOUR	MPH
MINIMUM	MIN
NOISE CRITERIA	NC
NORMALLY OPEN	N.O.
NORMALLY CLOSED	N.C.
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
NUMBER	NO.
OUTSIDE AIR	OA
PERCENT	%
PHASE (ELECTRICAL)	PH
POUNDS	LBS
POUNDS PER SQUARE FOOT	PSF
POUNDS PER SQUARE INCH	PSI
PSI GAGE	PSIG
PRESSURE	PRES
PRESSURE DROP	PD
PRESSURE, STATIC	SP
REFRIGERANT (12, 22, ECT.)	R12, R22
RELATIVE HUMIDITY	RH
RETURN AIR	RA
REVOLUTIONS PER MINUTE	RPM
SAFETY FACTOR	SF
SENSIBLE HEAT	SH
SPECIFICATION	SPEC
SQUARE	SQ
STANDARD	STD
STATIC PRESSURE	SP
SUCTION	SUCT
SUPPLY AIR	SA
TEMPERATURE	TEMP
TEMPERATURE DIFFERENCE	TD
THERMOSTAT	T STAT
VALVE	V
VARIABLE AIR VOLUME	VAV
VELOCITY	VEL
VENTILATION AIR	VA
VENTILATION, VENT	VENT
VOLT (ELECTRICAL)	V
VOLUME	VOL
WATT	W
WEIGHT	WT
WET BULB	WB



2 ROOF MOUNTED EXHAUST FAN DETAIL
N.T.S.



1 INLINE EXHAUST FAN DETAIL
N.T.S.

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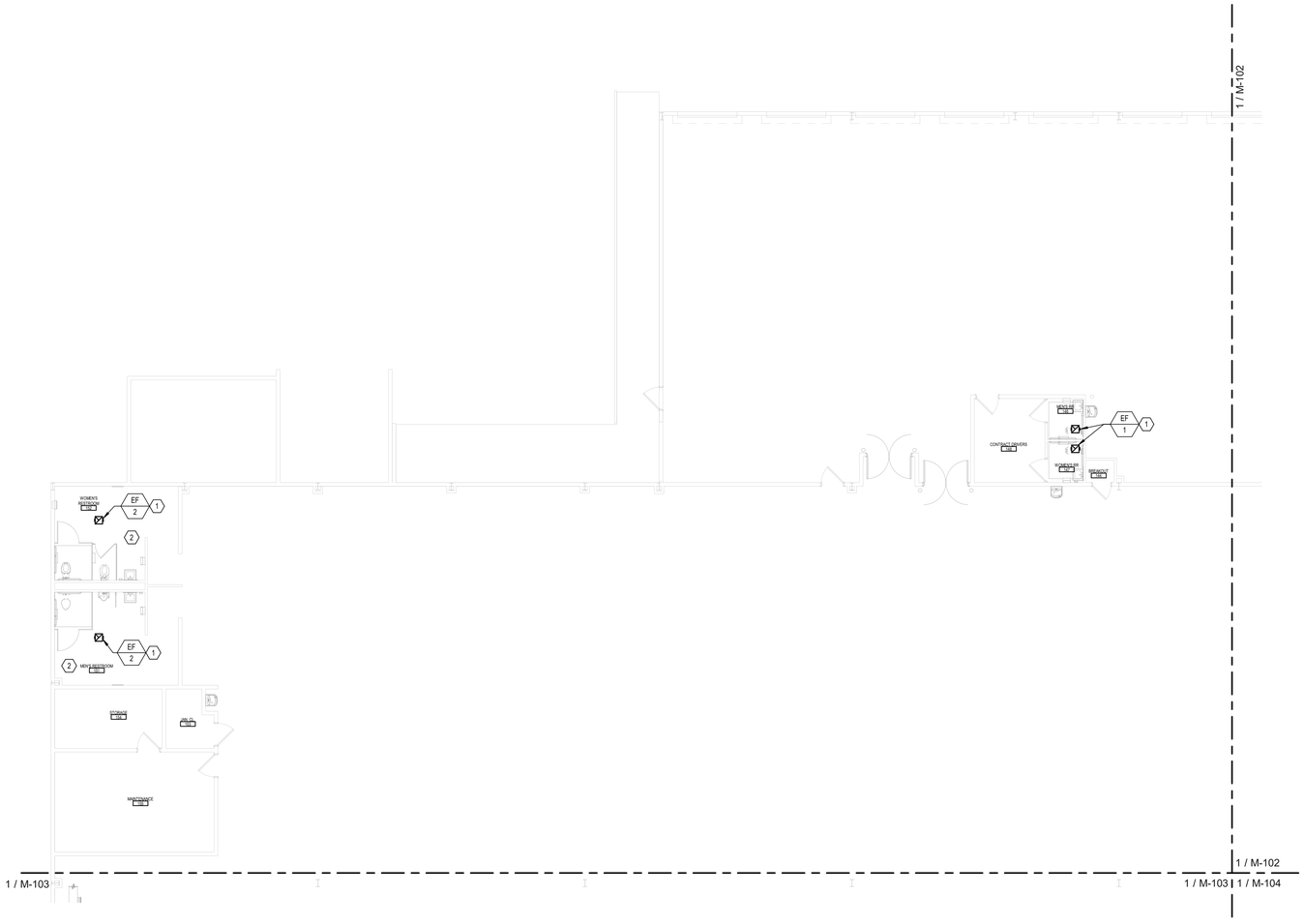
M-001

MECHANICAL LEGEND, SCHEDULES, AND DETAILS

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-003

Date: 09.25.2023
Revisions: CONSTRUCTION SET



1 MECHANICAL PLAN - AREA A
1/8" = 1'-0"

GENERAL NOTES

1. THE MECHANICAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOB SITE AND COORDINATE THE INSTALLATION OF MECHANICAL MATERIALS AND EQUIPMENT WITH OTHER CONTRACTORS ON THE SITE PRIOR TO INSTALLATION. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK SHOWN OR IMPLIED ON MECHANICAL SHEETS EXCEPT AS NOTED.
2. THE MECHANICAL CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE APPLICABLE BUILDING CODES AND LOCAL ORDINANCES AND GUARANTEE THE INSTALLATION FREE FROM DEFECT FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF INSTALLATION.
3. CONTRACTOR SHALL UTILIZE SERVICES OF A PROFESSIONAL BALANCE CONTRACTOR TO PERFORM AIR AND WATER BALANCES ON ALL HVAC EQUIPMENT TO ACHIEVE THE AIRFLOWS INDICATED AND AS REQUIRED PER THE SPECIFICATIONS.
4. MECHANICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES ON PROJECT.
5. ALL NON-FIRE RATED PENETRATIONS OF THE BUILDING WALLS SHALL BE SEALED WITH QUALITY CAULK SUBJECT TO THE APPROVAL OF THE ENGINEER.
6. ALL POWER WIRING OF EQUIPMENT SHALL BE BY ELECTRICAL CONTRACTOR, ALL LOW VOLTAGE CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR, AND ALL FIRE PROTECTION SIGNAL OR CONTROL WIRING SHALL BE BY FIRE PROTECTION CONTRACTOR. ALL POWER AND CONTROL CONDUITS SHALL BE BY ELECTRICAL CONTRACTOR.
7. CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY STRUCTURAL ELEMENTS THAT MUST BE CUT AND/OR REMOVED FOR INSTALLATION OF DUCTWORK OR MECHANICAL EQUIPMENT WITH THE APPROVAL OF THE ENGINEER.
8. ALL TEMPERATURE SENSORS SHALL BE LOCATED AWAY FROM LOCAL HEAT SOURCES, AIRFLOW FROM SUPPLY GRILLES, AND IN AN AREA WITH REPRESENTATIVE CONDITIONS OF THE ROOM.
9. CONTRACTOR SHALL INSTALL ALL LOOSE-SHIPPED COMPONENTS FOR THE HVAC EQUIPMENT.
10. COORDINATE DUCTWORK AND GRILLE INSTALLATION WITH LIGHTING LAYOUT, STRUCTURAL ELEMENTS, AND ELECTRICAL CONDUITS.
11. THE CONTRACTOR SHALL EXECUTE THE WORK IN STRICT ACCORDANCE WITH USPS MPF SPECIFICATIONS AND DRAWINGS. WHERE WORK IS SHOWN ON THE DRAWING AND NOT SPECIFIED OR SPECIFIED AND NOT SHOWN ON DRAWING, THE CONTRACTOR SHALL PROVIDE ALL SUCH WORK IN THE EVENT OF A CONFLICT BETWEEN THE USPS MPF SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT CONDITION SHALL APPLY.
12. SEAL ALL PENETRATION WATERTIGHT.
13. SEE USPS MPF SPECIFICATIONS FOR DUCTWORK AND DUCT INSULATION TYPE AND MATERIAL.

PLAN KEYNOTES

1. CONTRACTOR TO REMOVE EXISTING EXHAUST FAN AND PROVIDE AND INSTALL NEW INLINE EXHAUST FAN. FAN TO BE INSTALLED PER DETAIL ON DRAWING M-001. EXISTING DUCTWORK SHALL BE EXTENDED TO NEW FAN AND TRANSITION AS REQUIRED. CONTRACTOR TO VERIFY EXACT LOCATION OF FAN AND EXISTING DUCTWORK PRIOR TO START OF WORK.
2. CONTRACTOR TO REMOVE ANY AND ALL EXISTING SUPPLY AIR DIFFUSERS LOCATED WITHIN THIS SPACE AND PROVIDE AND INSTALL NEW DIFFUSERS OF TYPE CD-1 PER DIFFUSER AND GRILLE SCHEDULE LOCATED ON DRAWING M-001. EXTEND EXISTING DUCTWORK TO NEW DIFFUSER AND TRANSITION AS REQUIRED. PRIOR TO REMOVAL CONTRACTOR TO RECORD AIRFLOW AND NECK SIZE OF DIFFUSER. NEW DIFFUSER TO BE BALANCED TO RECORDED AIRFLOW. CONTRACTOR TO PLACE DIFFUSERS IN NEW CEILING GRID. COORDINATE DIFFUSER LOCATION WITH SPRINKLER HEADS AND LIGHTING.

DUCTWORK NOTE

ALL DUCTWORK, GRILLES AND DIFFUSERS ARE EXISTING UNLESS OTHERWISE NOTED. THE ONLY NEW DUCTWORK TO BE INSTALLED IS ANY DUCTWORK REQUIRED TO TRANSITION TO NEW EXHAUST FAN. EXISTING DUCTWORK, GRILLES AND DIFFUSERS SHALL BE CLEANED AND ASSESSED UPON ASSESSMENT IF ANY IS DAMAGED OR DEEMED BEYOND USABLE LIFE CONTRACTOR SHALL REPLACE IN KIND.

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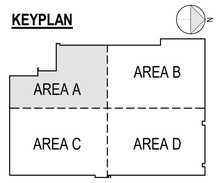

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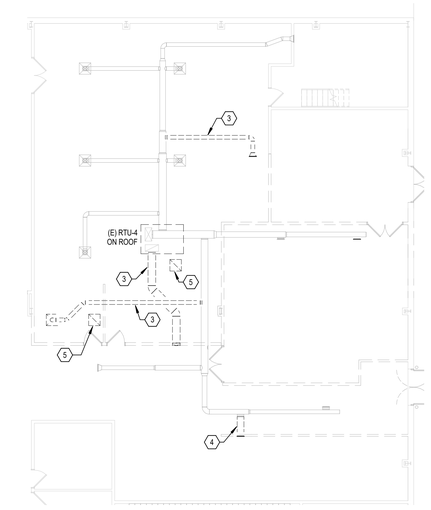
MECHANICAL PLAN - AREA A

Revisions: CONSTRUCTION SET

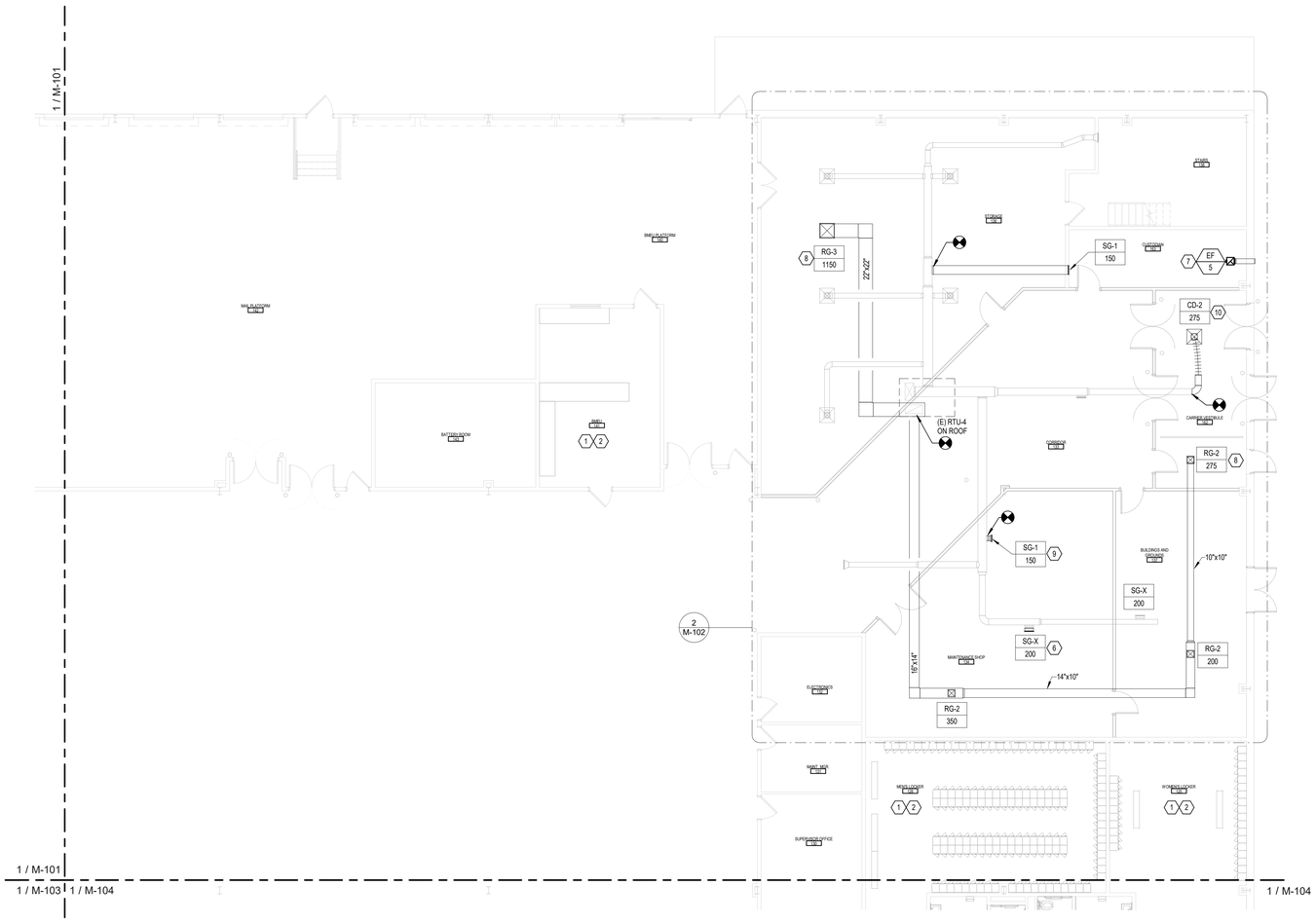
Date: 09.25.2023

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-503

M-101



2 MECHANICAL PLAN - AREA B - DEMO
3/32" = 1'-0"



1 MECHANICAL PLAN - AREA B
1/8" = 1'-0"

GENERAL NOTES

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9. CONTRACTOR SHALL INSTALL ALL LOOSE-SHIPPED COMPONENTS FOR THE HVAC EQUIPMENT.
10. COORDINATE DUCTWORK AND GRILLE INSTALLATION WITH LIGHTING LAYOUT, STRUCTURAL ELEMENTS, AND ELECTRICAL CONDUITS.
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12. SEAL ALL PENETRATION WATERTIGHT.
13. SEE USPS MPF SPECIFICATIONS FOR DUCTWORK AND DUCT INSULATION TYPE AND MATERIAL.

PLAN KEYNOTES

1. CONTRACTOR TO REMOVE ANY AND ALL EXISTING SUPPLY AIR DIFFUSERS LOCATED WITHIN THIS SPACE AND PROVIDE AND INSTALL NEW DIFFUSERS OF TYPE CD-1 PER DIFFUSER AND GRILLE SCHEDULE LOCATED ON DRAWING M-001. EXTEND EXISTING DUCTWORK TO NEW DIFFUSER AND TRANSITION AS REQUIRED. PRIOR TO REMOVAL CONTRACTOR TO RECORD AIRFLOW AND NECK SIZE OF DIFFUSER. NEW DIFFUSER TO BE BALANCED TO RECORDED AIRFLOW. CONTRACTOR TO PLACE DIFFUSERS IN NEW CEILING GRID. COORDINATE DIFFUSER LOCATION WITH SPRINKLER HEADS AND LIGHTING.
2. CONTRACTOR TO REMOVE ANY AND ALL EXISTING RETURN AIR GRILLES LOCATED WITHIN THIS SPACE AND PROVIDE AND INSTALL NEW GRILLES OF TYPE RG-1 PER DIFFUSER AND GRILLE SCHEDULE LOCATED ON DRAWING M-001. EXTEND EXISTING DUCTWORK TO NEW GRILLE AND TRANSITION AS REQUIRED. PRIOR TO REMOVAL CONTRACTOR TO RECORD AIRFLOW AND NECK SIZE OF GRILLE. NEW GRILLE TO BE BALANCED TO RECORDED AIRFLOW. CONTRACTOR TO PLACE GRILLES IN NEW CEILING GRID. COORDINATE GRILLE LOCATIONS WITH SPRINKLER HEADS AND LIGHTING.
3. REMOVE EXISTING DUCTWORK AND DIFFUSER/GRILLE BACK TO MAIN AND CAP.
4. REMOVE SUPPLY DUCT BACK TO POINT INDICATED DURING DEMOLITION. RETAIN EXISTING SUPPLY GRILLE FOR RECONNECTION UNDER NEW WORK.
5. REMOVE EXISTING RETURN GRILLE DURING DEMOLITION.
6. REINSTALL SALVAGED SUPPLY GRILLE DURING NEW WORK. BALANCE SALVAGED SUPPLY GRILLE TO INDICATED AIRFLOW.
7. CONTRACTOR TO PROVIDE AND INSTALL NEW INLINE EXHAUST FAN. EXTEND EXHAUST DUCT THROUGH WALL TO EXTERIOR AND TERMINATE WITH WALL CAP. INSTALL FAN PER DETAIL ON M-001.
8. CONTRACTOR TO PROVIDE AND INSTALL NEW RETURN GRILLE IN CEILING GRID. BALANCE GRILLE TO INDICATED AIRFLOW. COORDINATE GRILLE PLACEMENT WITH SPRINKLER HEADS AND LIGHTING.
9. CONTRACTOR TO PROVIDE AND INSTALL NEW DUCT MOUNTED SUPPLY GRILLE. BALANCE NEW GRILLE TO INDICATED AIRFLOW.
10. CONTRACTOR TO PROVIDE AND INSTALL NEW SUPPLY DIFFUSER IN CEILING GRID. BALANCE DIFFUSER TO INDICATED AIRFLOW. COORDINATE GRILLE PLACEMENT WITH SPRINKLER HEADS AND LIGHTING.

DUCTWORK NOTE

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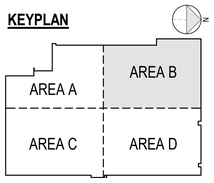

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MECHANICAL PLAN - AREA B

Revisions: CONSTRUCTION SET
Date: 09.25.2023

M-102

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-503

GENERAL NOTES

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8. ALL TEMPERATURE SENSORS SHALL BE LOCATED AWAY FROM LOCAL HEAT SOURCES, AIRFLOW FROM SUPPLY GRILLES, AND IN AN AREA WITH REPRESENTATIVE CONDITIONS OF THE ROOM.
9. CONTRACTOR SHALL INSTALL ALL LOOSE-SHIPPED COMPONENTS FOR THE HVAC EQUIPMENT.
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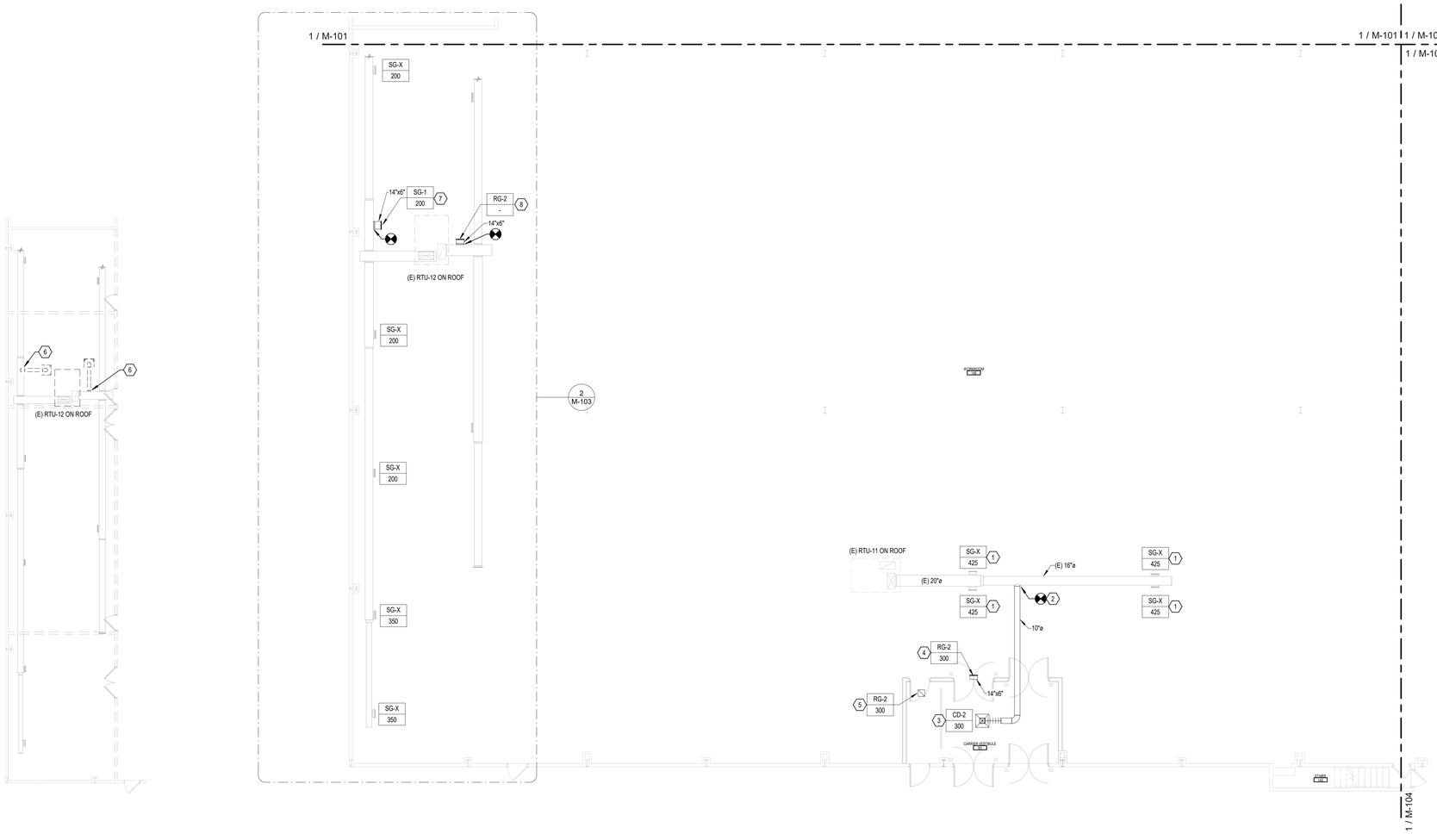
12. SEAL ALL PENETRATION WATERTIGHT.
13. SEE USPS MPF SPECIFICATIONS FOR DUCTWORK AND DUCT INSULATION TYPE AND MATERIAL.

PLAN KEYNOTES

1. CONTRACTOR TO REBALANCE EXISTING SUPPLY GRILLE TO INDICATED AIRFLOW DURING NEW WORK.
2. CONNECT NEW 10" Ø DUCT TO EXISTING SUPPLY DUCTWORK AND EXTEND TO SERVE NEW VESTIBULE.
3. PROVIDE AND INSTALL NEW CEILING DIFFUSER IN NEW CEILING GRID. NEW DIFFUSER TO BE BALANCED TO INDICATED AIRFLOW. COORDINATE DIFFUSER LOCATION WITH SPRINKLER HEADS AND LIGHTING.
4. PROVIDE AND INSTALL NEW WALL MOUNTED RETURN GRILLE. CONTRACTOR TO BALANCE NEW GRILLE TO INDICATED AIRFLOW DURING NEW WORK.
5. PROVIDE AND INSTALL NEW RETURN GRILLE IN NEW CEILING GRID. NEW GRILLE TO BE BALANCED TO INDICATED AIRFLOW. COORDINATE GRILLE LOCATION WITH SPRINKLER HEADS AND LIGHTING.
6. REMOVE EXISTING DUCTWORK AND DIFFUSER/GRILLE BACK TO MAIN AND CAP.
7. CONTRACTOR TO PROVIDE AND INSTALL NEW DUCT MOUNTED SUPPLY GRILLE. BALANCE NEW GRILLE TO INDICATED AIRFLOW.
8. CONTRACTOR TO PROVIDE AND INSTALL NEW DUCT MOUNTED RETURN GRILLE.



2 MECHANICAL PLAN - AREA C - DEMO
3/32" = 1'-0"

1 MECHANICAL PLAN - AREA C
1/8" = 1'-0"

DUCTWORK NOTE

ALL DUCTWORK, GRILLES AND DIFFUSERS ARE EXISTING UNLESS OTHERWISE NOTED. THE ONLY NEW DUCTWORK TO BE INSTALLED IS ANY DUCTWORK REQUIRED TO TRANSITION TO NEW EXHAUST FAN. EXISTING DUCTWORK, GRILLES AND DIFFUSERS SHALL BE CLEANED AND ASSESSED. UPON ASSESSMENT IF ANY IS DAMAGED OR DEEMED BEYOND USABLE LIFE CONTRACTOR SHALL REPLACE IN KIND.

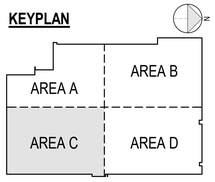
SPECIFICATIONS NOTE

ALL EQUIPMENT, MATERIALS AND INSTALLATION PRACTICES TO MEET THE REQUIREMENTS WITHIN THE SPECIFICATIONS OF THIS PROJECT.

SEISMIC NOTE

THIS PROJECT IS LOCATED IN A SEISMIC REGION. CONTRACTOR TO PROVIDE AND INSTALL THE APPROPRIATE SEISMIC RESTRAINTS AND CURBS AS REQUIRED PER CODE. ALL SEISMIC RESTRAINTS SHALL BE RATED AND APPROVED FOR THE SEISMIC DESIGN CATEGORY RATING FOR THE SITE AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS IN ORDER TO MAINTAIN RATING.

KEYPLAN



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MECHANICAL PLAN - AREA C

Revisions:	Date:
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M-103

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
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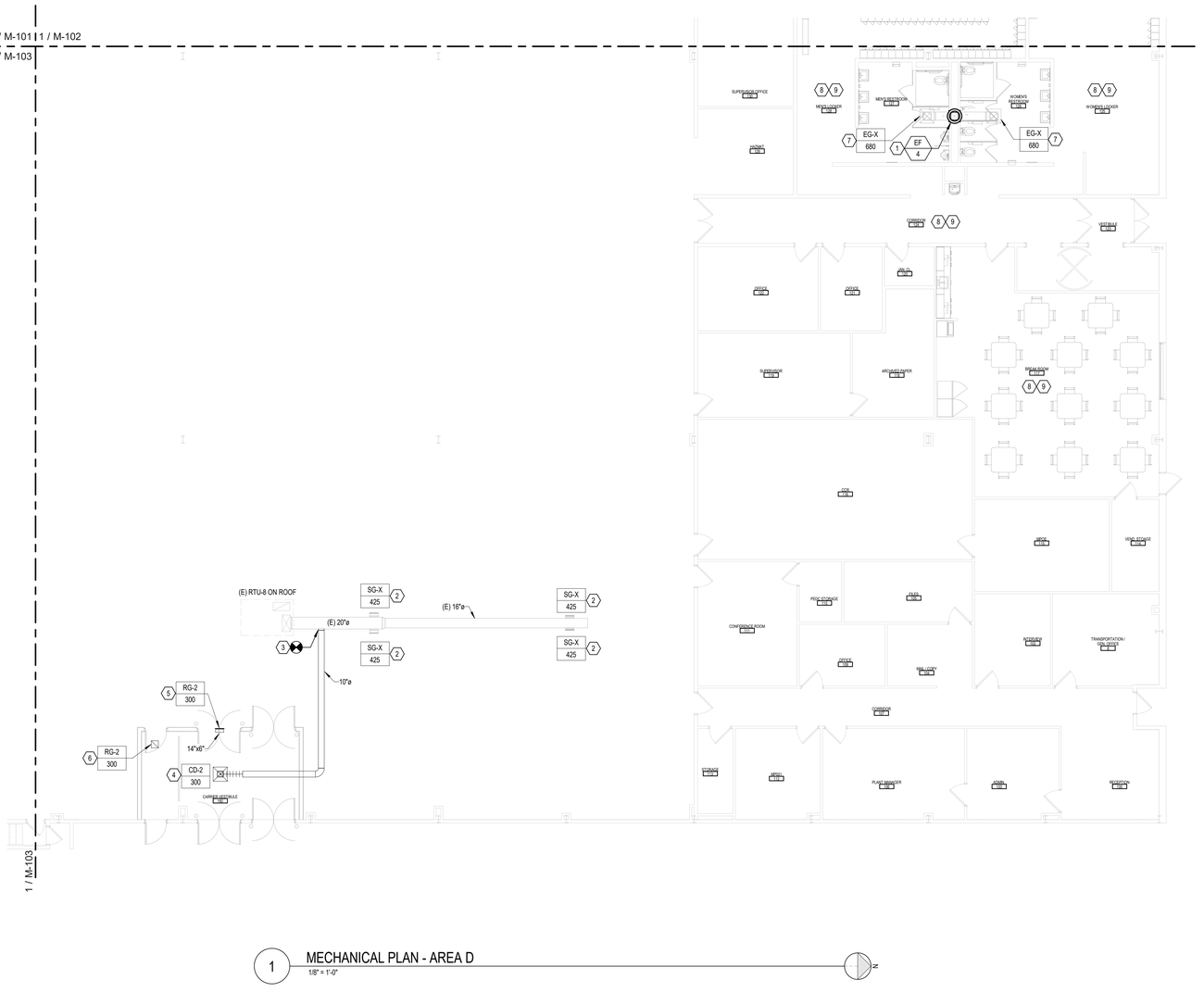

1 MECHANICAL PLAN - AREA D
1/8" = 1'-0"

GENERAL NOTES

1. THE MECHANICAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOB SITE AND COORDINATE THE INSTALLATION OF MECHANICAL MATERIALS AND EQUIPMENT WITH OTHER CONTRACTORS ON THE SITE PRIOR TO INSTALLATION. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK SHOWN OR IMPLIED ON MECHANICAL SHEETS EXCEPT AS NOTED.
2. THE MECHANICAL CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE APPLICABLE BUILDING CODES AND LOCAL ORDINANCES AND GUARANTEE THE INSTALLATION FREE FROM DEFECT FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF INSTALLATION.
3. CONTRACTOR SHALL UTILIZE SERVICES OF A PROFESSIONAL BALANCE CONTRACTOR TO PERFORM AIR AND WATER BALANCES ON ALL HVAC EQUIPMENT TO ACHIEVE THE AIRFLOWS INDICATED AND AS REQUIRED PER THE SPECIFICATIONS.
4. MECHANICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES ON PROJECT.
5. ALL NON-FIRE RATED PENETRATIONS OF THE BUILDING WALLS SHALL BE SEALED WITH QUALITY CAULK SUBJECT TO THE APPROVAL OF THE ENGINEER.
6. ALL POWER WIRING OF EQUIPMENT SHALL BE BY ELECTRICAL CONTRACTOR, ALL LOW VOLTAGE CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR, AND ALL FIRE PROTECTION SIGNAL OR CONTROL WIRING SHALL BE BY FIRE PROTECTION CONTRACTOR. ALL POWER AND CONTROL CONDUITS SHALL BE BY ELECTRICAL CONTRACTOR.
7. CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY STRUCTURAL ELEMENTS THAT MUST BE CUT AND/OR REMOVED FOR INSTALLATION OF DUCTWORK OR MECHANICAL EQUIPMENT WITH THE APPROVAL OF THE ENGINEER.
8. ALL TEMPERATURE SENSORS SHALL BE LOCATED AWAY FROM LOCAL HEAT SOURCES, AIRFLOW FROM SUPPLY GRILLES, AND IN AN AREA WITH REPRESENTATIVE CONDITIONS OF THE ROOM.
9. CONTRACTOR SHALL INSTALL ALL LOOSE-SHIPPED COMPONENTS FOR THE HVAC EQUIPMENT.
10. COORDINATE DUCTWORK AND GRILLE INSTALLATION WITH LIGHTING LAYOUT, STRUCTURAL ELEMENTS, AND ELECTRICAL CONDUITS.
11. THE CONTRACTOR SHALL EXECUTE THE WORK IN STRICT ACCORDANCE WITH USPS MPF SPECIFICATIONS AND DRAWINGS. WHERE WORK IS SHOWN ON THE DRAWING AND NOT SPECIFIED OR SPECIFIED AND NOT SHOWN ON DRAWING, THE CONTRACTOR SHALL PROVIDE ALL SUCH WORK IN THE EVENT OF A CONFLICT BETWEEN THE USPS MPF SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT CONDITION SHALL APPLY.
12. SEAL ALL PENETRATION WATERTIGHT.
13. SEE USPS MPF SPECIFICATIONS FOR DUCTWORK AND DUCT INSULATION TYPE AND MATERIAL.

PLAN KEYNOTES

1. PROVIDE AND INSTALL NEW ROOF MOUNTED EXHAUST FAN. FAN TO BE INSTALLED PER DETAIL ON DRAWING M-001 AND EXISTING DUCTWORK SHALL BE EXTENDED TO NEW FAN AND TRANSITION AS REQUIRED. CONTRACTOR TO VERIFY EXACT LOCATION OF FAN AND EXISTING DUCTWORK PRIOR TO START OF WORK.
2. CONTRACTOR TO BALANCE EXISTING SUPPLY GRILLE TO INDICATED AIRFLOW DURING NEW WORK.
3. CONNECT NEW 10" Ø DUCT TO EXISTING SUPPLY DUCTWORK AND EXTEND TO SERVE NEW VESTIBULE.
4. PROVIDE AND INSTALL NEW CEILING DIFFUSER IN NEW CEILING GRID. NEW DIFFUSER TO BE BALANCED TO INDICATED AIRFLOW. COORDINATE DIFFUSER LOCATION WITH SPRINKLER HEADS AND LIGHTING.
5. PROVIDE AND INSTALL NEW WALL MOUNTED RETURN GRILLE. CONTRACTOR TO BALANCE NEW GRILLE TO INDICATED AIRFLOW DURING NEW WORK.
6. PROVIDE AND INSTALL NEW RETURN GRILLE IN NEW CEILING GRID. NEW GRILLE TO BE BALANCED TO INDICATED AIRFLOW. COORDINATE GRILLE LOCATION WITH SPRINKLER HEADS AND LIGHTING.
7. CONTRACTOR TO BALANCE EXISTING EXHAUST GRILLE TO INDICATED AIRFLOW DURING NEW WORK.
8. CONTRACTOR TO REMOVE ANY AND ALL EXISTING SUPPLY AIR DIFFUSERS LOCATED WITHIN THIS SPACE AND PROVIDE AND INSTALL NEW DIFFUSERS OF TYPE CD-1 PER DIFFUSER AND GRILLE SCHEDULE LOCATED ON DRAWING M-001. EXTEND EXISTING DUCTWORK TO NEW DIFFUSER AND TRANSITION AS REQUIRED. PRIOR TO REMOVAL CONTRACTOR TO RECORD AIRFLOW AND NECK SIZE OF DIFFUSER. NEW DIFFUSER TO BE BALANCED TO RECORDED AIRFLOW. CONTRACTOR TO PLACE DIFFUSERS IN NEW CEILING GRID. COORDINATE DIFFUSER LOCATION WITH SPRINKLER HEADS AND LIGHTING.
9. CONTRACTOR TO REMOVE ANY AND ALL EXISTING RETURN AIR GRILLES LOCATED WITHIN THIS SPACE AND PROVIDE AND INSTALL NEW GRILLES OF TYPE RG-1 PER DIFFUSER AND GRILLE SCHEDULE LOCATED ON DRAWING M-001. EXTEND EXISTING DUCTWORK TO NEW GRILLE AND TRANSITION AS REQUIRED. PRIOR TO REMOVAL CONTRACTOR TO RECORD AIRFLOW AND NECK SIZE OF GRILLE. NEW GRILLE TO BE BALANCED TO RECORDED AIRFLOW. CONTRACTOR TO PLACE GRILLES IN NEW CEILING GRID. COORDINATE GRILLE LOCATIONS WITH SPRINKLER HEADS AND LIGHTING.

DUCTWORK NOTE

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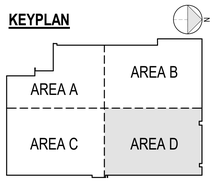

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M-104

MECHANICAL PLAN - AREA D

Revisions: CONSTRUCTION SET
Date: 09.25.2023

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

ELECTRICAL SYMBOLS

HOMERUN ROUTED CONCEALED IN FINISHED AREAS AND ROUTED EXPOSED IN UNFINISHED AREAS. DESIGNATION INDICATES HOMERUN TO PANEL "A" INDICATING CIRCUIT NUMBER(S) - ALL WIRING SHALL BE #12 WITH GROUND WIRE UON (INCREASE TO #10 FOR CIRCUITS OVER 75 FT.) - ALL HOMERUNS SHALL BE CONNECTED TO A 20 AMPERE, 1 POLE CIRCUIT BREAKER UON - QUANTITY OF CONDUCTORS AS NECESSARY TO ACCOMMODATE CIRCUITS AND CONTROL INDICATED. CONTRACTOR SHALL SIZE CONDUIT TO ACCOMMODATE QUANTITY OF WIRES WITHIN EACH HOMERUN – 3/4" CONDUIT MINIMUM. ANY HOMERUN THAT SERVES AN ISOLATED GROUND RECEPTACLE SHALL BE PROVIDED AN ISOLATED GROUND (SIZED TO MATCH THE EQUIPMENT GROUND) IN ADDITION TO AN EQUIPMENT GROUND. DO NOT ROUTE ISOLATED GROUND CIRCUITS THROUGH SAME CONDUIT AS NORMAL CIRCUITS.

A-1

BRANCH CIRCUIT WIRING ON NORMAL POWER ROUTED CONCEALED IN FINISHED AREAS AND ROUTED EXPOSED IN UNFINISHED AREAS. PROVIDE WIRING AND SIZE CONDUIT AS NOTED FOR HOMERUN SYMBOL ABOVE – 3/4" CONDUIT MINIMUM.

CONDUIT INSTALLED BELOW FINISHED GRADE OR ROUTED BELOW FINISHED FLOOR UNLESS OTHERWISE NOTED. PROVIDE WIRING AND SIZE CONDUIT AS NOTED FOR HOMERUN SYMBOL ABOVE.

SWITCH - 20 AMPERE, 120/277 VOLT, SINGLE-POLE, MOUNTED AT 46" ABOVE FINISHED FLOOR TO CENTERLINE UNLESS OTHERWISE NOTED. SUBSCRIPT INDICATES THE FOLLOWING: 3 = 3-WAY, 4 = 4-WAY, K =KEYED, P = PILOT LIGHT, T = TIMER.

LOW VOLTAGE ON/OFF WALL SWITCH WITH INTEGRAL DUAL-TECHNOLOGY (PASSIVE INFRARED AND ULTRASONICS/MICROPHONICS) OCCUPANCY SENSOR. MOUNTED AT 46" ABOVE FINISHED FLOOR TO CENTERLINE UNLESS OTHERWISE NOTED.

CEILING-MOUNTED, LOW VOLTAGE, DUAL-TECHNOLOGY (PASSIVE INFRARED AND ULTRASONICS/MICROPHONICS) OCCUPANCY SENSOR.

WALL MOUNTED , LOW VOLTAGE, DUAL-TECHNOLOGY (PASSIVE INFRARED AND ULTRASONICS/MICROPHONICS) OCCUPANCY SENSOR.

RECESSED LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

SURFACE-MOUNTED LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

EMERGENCY RECESSED FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE DETAILS.

EMERGENCY SURFACE MOUNTED FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE DETAILS.

WALL-MOUNTED LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

WALL-MOUNTED SCONCE FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

STRIP LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

DOWNLIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

EXTERIOR WALL-MOUNTED LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

EMERGENCY BATTERY PACK FIXTURE WITH AIMABLE LAMP HEADS. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

REMOTE EMERGENCY EXIT DISCHARGE FIXTURE WITH AIMABLE LAMP HEADS. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

CEILING MOUNTED EXIT SIGN, SHADED AREA INDICATES ORIENTATON OF FACE. REFER TO FLOOR PLANS FOR QUANTITY OF FACES, DIRECTIONAL CHEVRONS, AND MOUNTING REQUIREMENTS. PER NFPA 110, MEANS OF EGRESS, BOTTOM OF THE SIGN SHALL BE INSTALLED A MAXIMUM VERTICAL DISTANCE OF 6'-8" ABOVE THE TOP EDGE OF THE EGRESS OPENING INTENDED FOR DESIGNATION BY THE SIGN. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE DETAILS.

WALL MOUNTED EXIT SIGN, SHADED AREA INDICATES ORIENTATON OF FACE. REFER TO FLOOR PLANS FOR QUANTITY OF FACES, DIRECTIONAL CHEVRONS, AND MOUNTING REQUIREMENTS. THE SIGN SHALL BE INSTALLED CENTERED OVER EGRESS OPENING (IF POSSIBLE) AND THE BOTTOM OF THE SIGN SHALL BE APPROX. 6" ABOVE THE TOP OF THE EGRESS OPENING, PER NFPA 110, MEANS OF EGRESS, BOTTOM OF THE SIGN SHALL BE INSTALLED A MAXIMUM VERTICAL DISTANCE OF 6'-8" ABOVE THE TOP EDGE OF THE EGRESS OPENING INTENDED FOR DESIGNATION BY THE SIGN. REFER TO LIGHTING FIXTURE SCHEDULE FOR MORE DETAILS.

ABBREVIATIONS

AC	SUBSCRIPT "AC" INDICATES DEVICE MOUNTED AT 8" ABOVE COUNTER TO CENTERLINE OF DEVICE
ACH	ABOVE COUNTER, HORIZONTALLY MOUNTED
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMEPERES INTERRUPTING CAPACITY
BAS	BUILDING AUTOMATION SYSTEM SPECIFIED BY OTHERS
BB	SUBSCRIPT "BB" INDICATES DEVICE MOUNTED IN EXISTING BACKBOX MAINTAINED DURING RENOVATION.
BC	SUBSCRIPT "BC" INDICATES DEVICE MOUNTED BELOW COUNTER AS DIRECTED
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BKR	(CIRCUIT) BREAKER
BMEU	BUSINESS MAIL ENTRY UNIT
BOF	BOTTOM OF FIXTURE
C	CONDUIT
CKT	CIRCUIT
CLG	CEILING
DC	SUBSCRIPT "DC" INDICATES DROP-CORD-SUSPENDED DEVICE. REFER TO DROP CORD RECEPTACLE DETAIL ON SHEET E-501 FOR MORE INFORMATION.
DE	DUAL ELEMENT (FUSES)
DED	DEDICATED CIRCUIT
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EM	EMERGENCY
EMB	EMERGENCY VIA BATTERY
EMT	ELECTRICAL METALLIC TUBING
EMV	EMERGENCY VIA INVERTER
EPO	EMERGENCY POWER OFF
ETR	EXISTING DEVICE TO REMAIN
EWC	ELECTRICAL WATER COOLER
EXT	EXTERIOR
FAACP	FIRE ALARM AUXILIARY CONTROL PANEL
FAAP	FIRE ALARM ANNUNICATIOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FLR	FLOOR
FPC	FIRE PROTECTION CONTRACTOR
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR
GC	GENERAL CONTRACTOR
GFCI/GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND/G	GROUND
GRC	GALVANIZED RIGID CONDUIT
HPF	HIGH POWER FACTOR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
IG	ISOLATED GROUND
LOG	LOOKOUT GALLERY
LTG	LIGHTING
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MDF	MAIN DISTRIBUTION FRAME
MFR	MANUFACTURER
MOCP	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
NEC	NATIONAL ELECTRICAL CODE
NF	NON FUSED
NFPA	NATIONAL FIRE PROTECTION AGENCY
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
OFE	OWNER FURNISHED EQUIPMENT
OSL	OPERATIONAL SYSTEMS LAYOUT
P	POLE(S)
PC	PLUMBING CONTRACTOR
PRT	PRINTER
RF	RETURN FAN
RL	SUBSCRIPT "RL" INDICATES RELOCATED DEVICE
SF	SUPPLY FAN
SM	SUBSCRIPT "SM" INDICATES SURFACE MOUNTED DEVICE
SPD	SURGE PROTECTION DEVICE
SR	SUBSCRIPT "SR" INDICATES DEVICE MOUNTED WITHIN SURFACE RACEWAY
T-STAT	THERMOSTAT
TCC	TEMPERATURE CONTROL CONTRACTOR
UC	UNDERCOUNTER
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
VMF	VEHICLE MAINTENANCE FACILITY
W	WIRE(S)
WG	WIREGUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL GENERAL NOTES

GENERAL CONSTRUCTION NOTES

1. ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, OR SHAFTS SHALL BE SEALED IN ACCORDANCE WITH SPECIFICATIONS.
2. ROUTING OF ALL SURFACE MOUNTED/EXPOSED CONDUIT IN UNFINISHED AREAS (OR WHERE NOTED ON THE DRAWINGS) SHALL BE COORDINATED WITH, AND SHALL BE APPROVED BY, THE ARCHITECT PRIOR TO INSTALLATION. ALL EXPOSED CONDUIT SHALL BE RIGID IN TYPE EMT OR GRC .
3. FIELD VERIFY EXACT LOCATION OF EQUIPMENT WITH ASSOCIATED EQUIPMENT INSTALLER PRIOR TO ROUGH-IN. EXACT ELECTRICAL REQUIREMENTS SHALL BE VERIFIED IN THE FIELD WITH THE EQUIPMENT'S NAMEPLATE DATA. EC SHALL MAKE APPROPRIATE ADJUSTMENTS TO ASSOCIATED BREAKERS/DISCONNECT SWITCHES, BRANCH CIRCUIT WIRING, AND SIZE FUSES PER MANUFACTURER'S RECOMMENDATIONS.
4. THE PHRASE "PROVIDED BY" USED WITHIN THESE DOCUMENTS SHALL EXPLICITY REPRESENT "FURNISHED AND INSTALLED BY".
5. ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT SHALL BE INSTALLED ON A 4" CONCRETE HOUSEKEEPING PAD PROVIDED BY THE EC.
6 PROVIDE VIBRATION INSULATORS BENEATH EACH TRANSFORMER TO ELIMINATE NOISE OR THE TRANSFERANCE OF VIBRATION TO ADJACENT ITEMS/AREAS.
7. ALL WIRING SHALL BE INSTALLED IN CONDUIT. ALL CONDUIT SHALL BE A MINIMUM OF 3/4".
8. CIRCUITS SHALL BE REARRANGED AS REQUIRED TO MAINTAIN THE MOST BALANCED LOADS ON EACH PHASE WITHIN EACH PANEL. EC SHALL PROVIDE A TYPED PANELBOARD SCHEDULE AND INSTALL IT ON INSIDE COVER OF EACH PANEL.
9. ANY DEVICES THAT ARE TO BE INSTALLED BACK-TO-BACK IN A COMMON WALL SHALL BE SEPARATED BY 6" MINIMUM TO MINIMIZE SOUND TRANSFER.
10. DRAWINGS ARE DIAGRAMATIC AND INDICATE GENERAL ARRANGEMENT ONLY. COORDINATE INSTALLATION WITH OTHER TRADES TO VERIFY THE ACTUAL SPACE CONDITIONS, HEADROOM, ETC. THAT IS TO BE MAINTAINED. NO ADDITIONAL PAYMENT WILL BE APPROVED FOR FAILURE TO COMPLY .
11. COORDINATE ALL LOCATIONS OF RECEPTACLES, AND OTHER DEVICE BACKBOXES WITH CASEWORK AND FURNITURE LAYOUTS. REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND FIELD VERIFY EXACT LOCATIONS AND CONDUIT ROUTING METHODS WITH ARCHITECT PRIOR TO ROUGH-IN.
12. WIRE SIZE OF BRANCH CIRCUITS SHALL BE ADJUSTED TO COMPENSATE FOR VOLTAGE DROP BASED UPON ACTUAL CONDUIT ROUTING. EC SHALL MAINTAIN VOLTAGE DROP AS RECOMMENDED BY NEC (NOT TO EXCEED 3%).
13. EC SHALL PROVIDE 3/4" MINIMUM EMPTY CONDUIT WITH PULLWIRE FOR CONTROL WIRING BETWEEN HVAC EQUIPMENT AND REMOTE LOCATED CONTROL PANELS. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR.
14. ALL BRANCH CIRCUITS SHALL BE PROVIDED WITH A SEPARATE NEUTRAL CONDUCTOR. NEUTRALS SHALL NOT BE SHARED PER 2017 NEC 200.4(B)
15. ALL AREAS THAT HAVE TOGGLE-TYPE LIGHT SWITCHES AND RECEPTACLES MOUNTED BESIDE DOOR OPENINGS AT 46" TO CENTERLINE MAY BE FURNISHED WITH A COMMON BACKBOX WITH BARRIERS BETWEEN THE DEVICES AND A COMMON FACEPLATE PER NEC 404.8(B).
16. EC SHALL COORDINATE WITH THE FOLLOWING PRIOR TO ROUGH-IN: MECHANICAL/PLUMBING CONTRACTOR AND MECHANICAL/PLUMBING DRAWINGS. EC SHALL PROVIDE ALL EQUIPMENT, DEVICES, WIRING AND CONDUITS AS SHOWN OR IMPLIED ON THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
17. EC SHALL CONNECT CORD AND PLUG COMPONENTS SHIPPED LOOSE WITH ANY EQUIPMENT FURNISHED BY OTHER TRADES PER MANFACTURER'S INSTALLATION INSTRUCTIONS.
18. REFER TO MECHANICAL 700 SERIES DRAWINGS FOR ELECTRICAL SCOPE REQUIRED TO COMPLETE BUILDING AUTOMATION SYSTEM. INCLUDE BAS INTERFACE WITH ELECTRICAL EQUIPMENT AS INDICATED.

GENERAL DEMOLITION NOTES

1. ALL DEVICES REMOVED DURING DEMOLITION SHALL HAVE ALL ASSOCIATED CONDUIT, WIRING, AND CONTROLS REMOVED BACK TO SOURCE OR NEXT DEVICE THAT REMAINS. FIELD VERIFY EXACT WIRING.
2. REFEED ANY ELECTRICAL DEVICE OR ITEM THAT IS EXISTING TO REMAIN WHOSE WIRING IS INTERRUPTED DUE TO RENOVATION IN ADJACENT AREA.
3. ANY ELECTRICAL DEVICE THAT IS TO REMAIN THAT IS LOCATED ON OR IN A WALL OR CEILING BEING REMOVED SHALL BE RELOCATED AS DIRECTED BY GC IN FIELD AND RECONNECTED AS REQUIRED.
4. NOTIFY THE OWNER AND THE FIRE ALARM MONITORING COMPANY AT LEAST 72 HOURS PRIOR TO COMMENCING ANY WORK ON THE EXISTING FIRE ALARM SYSTEM.
5. DISPOSE OF ANY EXISTING LAMPS WITH MERCURY CONTENT OR OTHER TOXIC CHEMICALS PROPERLY AND PROVIDE CERTIFICATION OF DISPOSAL TO OWNER FOR THEIR RECORDS.
6 CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PROPERTY RESULTING FROM THE CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE AT THE COMPLETION OF WORK.
7. EXISTING UTILITIES AND CONDITIONS ARE SHOWN FROM FIELD DATA AND EXISTING DOCUMENTS. ALL FIELD CONDITIONS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCING WORK.

GENERAL RENOVATION NOTES

1. THE EC SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND WITH THE DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THIS WORK. NO ADDITIONAL PAYMENTS WILL BE APPROVED REGARDING ADDITIONAL WORK REQUIRED BECAUSE OF EXISTING CONDITIONS. SUBMITTAL OF A BID WILL ACKNOWLEDGE THE ACCEPTANCE OF THIS RESPONSIBILITY.
2. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE EC SHALL CORE DRILL OR CUT AND CHASE WALLS AND FLOORS AS REQUIRED TO PERMIT PASSAGE OF CONDUITS AND RACEWAYS. AT COMPLETION OF INSTALLATIONS, EC SHALL FILL IN AND WATERPROOF OR FIREPROOF TO RATING OF STRUCTURE PENETRATED. FILL ALL OPENINGS WITH MATERIALS AS DIRECTED BY THE ARCHITECT AND FINISH TO MATCH SURROUNDING AREAS. ALL OPENINGS REQUIRED SHALL BE APPROVED BY THE ARCHITECT PRIOR TO DEMOLITION OR CORE DRILLING.
3. PROVIDE AN UPDATED, TYPED PANELBOARD SCHEDULE AND INSTALL IT ON THE INSIDE COVER OF EACH EXISTING PANEL WHOSE INFORMATION HAS CHANGED DUE TO DEMOLITION OR NEW WORK ASSOCIATED WITH PANEL.
4. AFTER DEMOLITION IS COMPLETE, ANY RECESSED ABANDONED BACKBOX MAY BE RELISED FOR NEW DEVICE INSTALLATION AS APPLICATION PERMITS. PROVIDE A NEW COVERPLATE THAT MATCHES THE SIZE OF THE BACKBOX AND THE CONFIGURATION OF THE DEVICE(S) INSTALLED THEREIN. EXISTING DEVICES, WIRING, OR COVERPLATES WILL NOT BE PERMITTED TO BE REUSED.
5. AFTER DEMOLITION IS COMPLETE, PROVIDE A NEW BLANK COVERPLATE OVER ALL UNUSED BACKBOXES ABANDONED IN PLACE.

LIGHTING FIXTURE SCHEDULE

ENGINEER'S PHOTOMETRICS UTILIZED THE MANUFACTURER ACUITY AS THE BASIS OF DESIGN. A FULL LIST OF ACCEPTABLE MANUFACTURERS IS LISTED IN THE SPECIFICATIONS. MANUFACTURER-PROVIDED PHOTOMETRICS AND CUT SHEETS ARE REQUIRED AS A SUBMITTAL.

FIXTURE TAG	LAMP	LUMENS	COLOR TEMP.	DESCRIPTION	VOLTAGE	WATTS	MANUFACTURER	CATALOG NUMBER	FIXTURE COLOR	MOUNTING	REMARKS
A1	LED	5000	4000K	2X4 SWITCHABLE FLAT PANEL	MVOLT	38 VA	LITHONIA	CPX-2X4-USPS	WHITE	RECESSED	COORDINATE MOUNTING HARDWARE WITH EXISTING CEILING TYPE
A5	LED	5000	4000K	10"X4' SWITCHABLE WRAP AROUND FIXTURE	MVOLT	49 VA	LITHONIA	FML4W-USPS	WHITE	SURFACE-MOUNTED	
A6	LED	4800	4000K	5"X4' WRAP AROUND FIXTURE WITH CURVED RIBBED DIFFUSER	MVOLT	35 VA	LITHONIA	BLWP4-USPS	WHITE	SURFACE-MOUNTED	
A7	LED	4800	4000K	5"X2' WRAP AROUND FIXTURE WITH CURVED RIBBED DIFFUSER	MVOLT	44 VA	LITHONIA	BLWP2-USPS	WHITE	SURFACE-MOUNTED	
CL1	LED	4000	4000K	4' SWITCHABLE STRIP LIGHT FIXTURE	MVOLT	0 VA	LITHONIA	CSS-L48-USPS	WHITE	SURFACE-MOUNTED	
EM2	LED	220 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, LOW OUTPUT	MVOLT	5 VA	LITHONIA	ELM2L-USPS	WHITE	WALL-MOUNTED AT 7'-6"	
EM3	LED	640 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, HIGH OUTPUT	MVOLT	5 VA	LITHONIA	ELM6L-USPS	WHITE	WALL-MOUNTED AT 7'-6"	
EM4	LED	635	-	EXTERIOR EMERGENCY LIGHT WITH INTEGRAL BATTERY	MVOLT	5 VA	LITHONIA	AFF-USPS	DARK BRONZE TEXTURED	WALL-MOUNTED AT 7'-6"	
PL2	LED	9000	4000K	SWITCHABLE EXTERIOR WALLPACK, GLASS LENS, [INTEGRAL PHOTOCELL]	MVOLT	78 VA	LITHONIA	TWH-LED-ALO-40K-[PE]-DDBTXD	DARK BRONZE TEXTURED	WALL	FIELD VERIFY THAT PHOTOCELL IS REQUIRED
W4	LED	4000	4000K	4' SWITCHABLE VAPOR-TIGHT FIXTURE	MVOLT	35 VA	LITHONIA	CSVT-L48-USPS	WHITE	SURFACE-MOUNTED	
W6	LED	24000	4000K	COMPACT HIGHBAY FIXTURE WITH WIDE DISTRIBUTION	MVOLT	172 VA	LITHONIA	CPHB-24LM-USPS	WHITE	SUSPENDED AT 15'-0"	
X1	LED	-	-	THERMOPLASTIC EXIT SIGN WITH INTEGRAL BATTERY, RED LETTERS	MVOLT	2 VA	LITHONIA	LQM-USPS	WHITE	SEE SYMBOL LEGEND	

LIGHTING CONTROL NOTES

LIGHTING CONTROL WALL SWITCH GENERAL NOTES:

A. PROVIDE FACEPLATE TO MATCH MANUFACTURER'S SWITCH COLOR, CONFIGURATION, AND STYLE.

B. EC SHALL REVIEW LABELS INDICATED AND CONTROLS TO BE PROGRAMMED WITH GC PRIOR TO ORDERING SWITCHES OR ASSOCIATED FACEPLATES.

C. CONTRACTOR SHALL CONFIRM WITH MANUFACTURER OF CONTROLS ALL BACKBOX SIZES REQUIRED TO ACCEPT GANGED CONTROLS PRIOR TO COMMENCING ROUGH-IN.

D. BACKBOXES AND ASSOCIATED CONDUIT FOR THE CONTROLS SHALL BE RECESSED WITHIN WALL.

E. REFER TO PRODUCT DATA SHEETS FOR DETAILED WIRING INFORMATION.

F. DEVICE CONTROL FUNCTIONS SHALL BE CLEARLY LABELED. ONLY EMBOSSED, ENGRAVED, AND FACTORY-PRINTED/ETCHED LABELS ARE ACCEPTABLE. STICK-ON LABELS ARE NOT ACCEPTABLE.

LIGHTING CONTROL OCCUPANCY/VACANCY SENSOR GENERAL NOTES:

A. EC SHALL MEET WITH THE LIGHTING CONTROL AND SENSOR MANUFACTURER REPRESENTATIVE(S) FOR A PRE-CONSTRUCTION MEETING TO CONFIRM PROPER INSTALLATION PROCEDURES AND LOCATIONS FOR THE APPROPRIATE OPERATION OF ALL SYSTEM COMPONENTS.

B. LOCATIONS AND QUANTITIES OF SENSORS SHOWN ON FLOOR PLANS ARE APPROXIMATE. EXACT LOCATIONS AND QUANTITIES SHALL BE AS RECOMMENDED BY MANUFACTURER AND SHALL BE COORDINATED WITH OTHER CEILING ELEMENTS SUCH AS DIFFUSERS, LIGHT FIXTURES, PROJECTORS, ETC. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.

C. SENSORS SHALL BE PLACED AND PROGRAMMED SUCH THAT THERE IS NO DETECTION OUTSIDE OF THE AREA BEING CONTROLLED TO PREVENT FALSE ACTIVATIONS.

D. SENSORS SHALL NOT BE PLACED WHERE THEY CAN BE COVERED BY ARTWORK, SHELVES, OR OTHER FURNITURE.

E. EC SHALL VERIFY THAT THE SENSOR BILL OF MATERIALS COMPLIES WITH THE SENSOR DESIGN AND LAYOUT SPECIFICATIONS.

F. UNLESS OTHERWISE NOTED IN THE LIGHTING CONTROL MATRIX, ANY ROOM SHOWN WITH MULTIPLE SENSORS SHALL HAVE THE SENSORS INTERWIRED AS REQUIRED SUCH THAT IF ANY OF THE SENSORS DETECT MOTION, THEN ALL OF THE ASSOCIATED LIGHTING SHALL BE ENERGIZED.

LIGHTING CONTROL ADDITIONAL NOTES:

A. ADJUSTMENTS: PROVIDE ADJUSTMENTS TO THE INITIAL LIGHTING CONTROL SETTINGS AS REQUIRED BY THE OWNER FOR A PERIOR OF 12 MONTHS FOLLOWING INITIAL PROGRAMMING OF THE LIGHTING CONTROLS.

B. SHOP DRAWINGS: SUBMIT DIMENSIONED DRAWINGS OF LIGHTING CONTROL SYSTEM AND ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, RELAY PANELS, SWITCHES, SENSORS, POWER PACKS, PHOTOCELLS, AND OTHER INTERFACES. DRAWINGS SHALL INDICATE EXACT LOCATION AND PROGRAMMING OF EACH DEVICE, TIME SCHEDULES, AND SWITCH BUTTON LABELING.

PANELBOARD LOADING NOTE

1. CONTRACTOR IS RESPONSIBLE FOR LOADING ON ALL PANELS AND FEEDERS PER THE N.E.C. CONTRACTOR SHALL KEEP CIRCUIT CONTINUITY TO DEVICES TO REMAIN. E.C. SHALL VERIFY THAT ALL LOADS PLACED ON EXISTING PANELS AND FEEDERS DO NOT EXCEED THE MAXIMUM LOADING REQUIREMENT PER THE LATEST EDITION OF THE NEC. NOTIFY A/E IF OVERLOAD IS POSSIBLE.

ELECTRICAL SYMBOLS

DUPLEX RECEPTACLE - 20 AMPERE, 125 VOLT, GROUNDING TYPE -MOUNTED AT 18" AFF TO CENTERLINE OF DEVICE U.O.N.

DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE - 20 AMPERE, 125 VOLT, GROUND FAULT CIRCUIT INTERRUPTER TYPE NEMA 5-20R. MOUNTED 8" ABOVE TOP OF COUNTER TO CENTERLINE OF DEVICE U.O.N. DEVICE SHALL BE HUBBELL #GF20W OR EQUAL.

DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE - 20 AMPERE, 125 VOLT, GROUND FAULT CIRCUIT INTERRUPTER TYPE NEMA 5-20R MOUNTED AT 18" A.F.F. CENTERLINE OF DEVICE U.O.N. DEVICE SHALL BE HUBBELL #GF20W OR EQUAL.

DUPLEX RECEPTACLE - 20 AMPERE, 125 VOLT, GROUNDING TYPE - MOUNTED 8" ABOVE TOP OF COUNTER TO CENTERLINE OF DEVICE U.O.N. DEVICE SHALL BE HUBBELL #GF20W OR EQUAL.

DOUBLE DUPLEX RECEPTACLE (QUAD) - 20 AMPERE, 125 VOLT, GROUNDING TYPE NEMA 5-20R MOUNTED AT 18" A.F.F. TO CENTERLINE OF DEVICE U.O.N. DEVICE SHALL BE HUBBELL #GF20W OR EQUAL.

SINGLE GANG RECEPTACLE - 20 AMPERE, 125 VOLT, GROUND TYPE NEMA 5-20R MOUNTED AT 18" A.F.F. TO CENTERLINE OF DEVICE U.O.N. DEVICE SHALL BE HUBBELL #5361IGWR OR EQUAL.

ELECTRICAL SYMBOLS

LCP LIGHTING CONTROL PANEL.

480/277 VOLT, 3 PHASE, 4 WIRE PANELBOARD

208/120 VOLT, 3 PHASE, 4 WIRE PANELBOARD

DATA DEVICE LOCATION. EC SHALL PROVIDE A SURFACE-MOUNTED 2-GANG BACKBOX WITH SINGLE-GANG RAISED COVERPLATE MOUNTED AT 18" ABOVE FINISHED FLOOR TO CENTERLINE OF DEVICE UNLESS OTHERWISE NOTED AND 1-1/2" EMPTY CONDUIT WITH PULLSTRING ROUTED FROM BACKBOX AND STUBBED UP INTO ACCESSIBLE CEILING SPACE. PROVIDE PLASTIC GROMMET ON CONDUIT ENDS. NUMBER ADJACENT TO DEVICE INDICATES NUMBER OF DATA PORTS. ROUTE (1) CAT6 CABLE PER PORT TO NEAREST IDF PER OSL.

FIRE ALARM SYMBOLS

FACP FIRE ALARM CONTROL PANEL

FIRE ALARM HORN/STROBE (WALL MOUNTED) 80" AFF TO CENTERLINE OF DEVICE

FIRE ALARM STROBE (WALL MOUNTED) 80" AFF TO CENTERLINE OF DEVICE

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E-001 ELECTRICAL LEGEND

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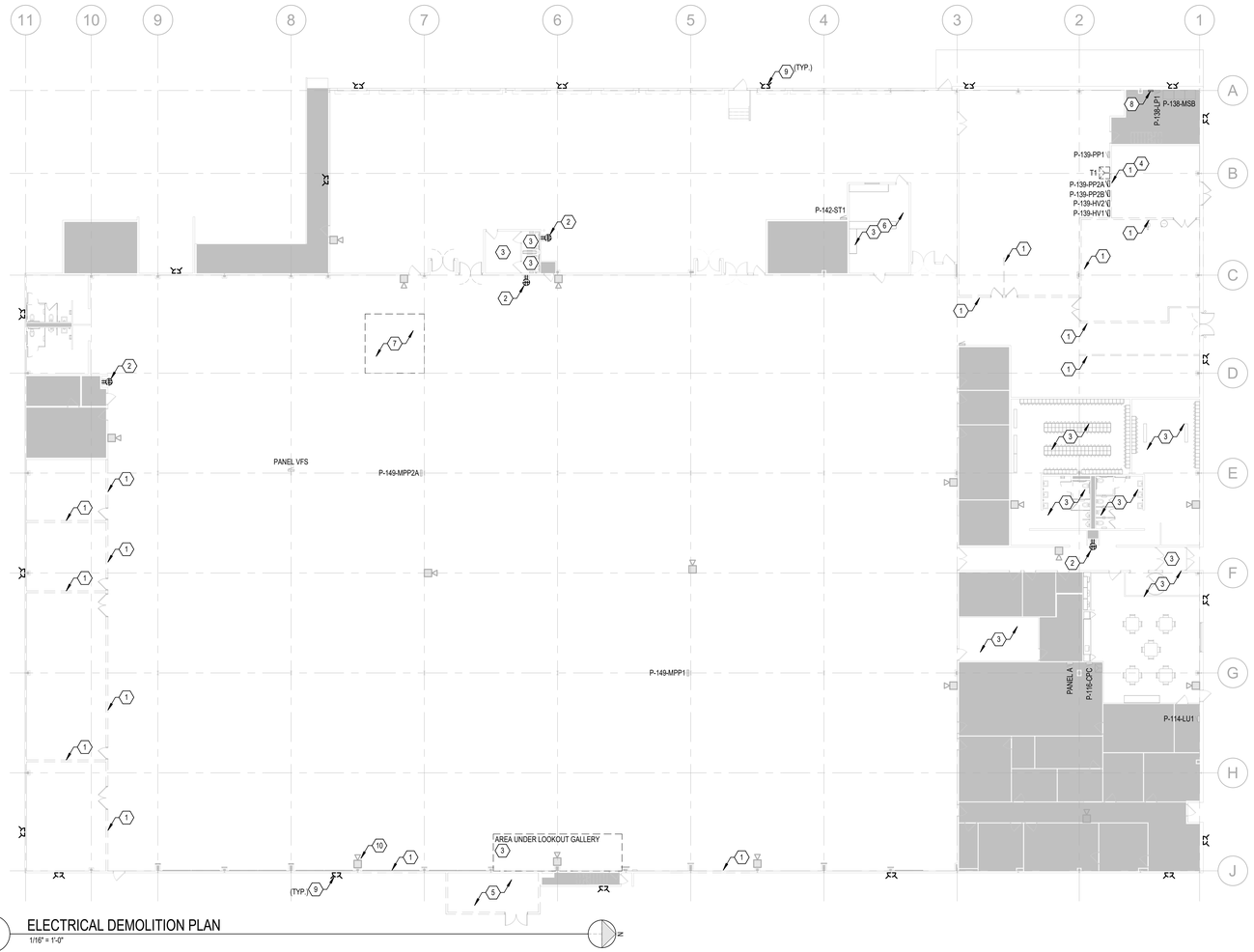

1 ELECTRICAL DEMOLITION PLAN
1/16" = 1'-0"

GENERAL NOTES

A. ALL DEVICES REMOVED DURING DEMOLITION SHALL HAVE ALL ASSOCIATED CONDUIT, WIRING, AND CONTROLS REMOVED BACK TO SOURCE OR NEXT DEVICE THAT REMAINS. FIELD VERIFY EXACT WIRING.

B. REFEED ANY ELECTRICAL DEVICE OR ITEM THAT IS EXISTING TO REMAIN WHOSE WIRING IS INTERRUPTED DUE TO RENOVATION IN ADJACENT AREA.

C. ANY ELECTRICAL DEVICE THAT IS TO REMAIN THAT IS LOCATED ON OR IN A WALL OR CEILING BEING REMOVED SHALL BE RELOCATED AS DIRECTED BY G.C. IN FIELD AND RECONNECTED AS REQUIRED.

D. NOTIFY THE OWNER AND THE FIRE ALARM MONITORING COMPANY AT LEAST 72 HOURS PRIOR TO COMMENCING ANY WORK ON THE EXISTING FIRE ALARM SYSTEM.

E. DISPOSE OF ANY EXISTING LAMPS WITH MERCURY CONTENT OR OTHER TOXIC CHEMICALS PROPERLY AND PROVIDE CERTIFICATION OF DISPOSAL TO OWNER FOR THEIR RECORDS.

F. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PROPERTY RESULTING FROM THE CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE AT THE COMPLETION OF WORK.

G. EXISTING UTILITIES AND CONDITIONS ARE SHOWN FROM FIELD DATA AND EXISTING DOCUMENTS. ALL FIELD CONDITIONS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCING WORK.

H. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN LIGHT (GRAY) ARE EXISTING TO REMAIN, SHOWN FOR REFERENCE ONLY.

PLAN KEYNOTES

1 EXISTING WALL TO BE REMOVED. REMOVE ALL EXISTING ELECTRICAL ITEMS (RECEPTACLES, DATA DEVICES, FIRE ALARM DEVICES, ETC.) LOCATED ON WALL. COORDINATE WITH EXISTING CONDITIONS.

2 EXISTING ELECTRIC WATER COOLER TO BE REPLACED. SEE POWER PLANS FOR MORE INFORMATION.

3 EXISTING LIGHTING FIXTURES WITHIN THIS ROOM/AREA ARE TO BE REPLACED ONE-FOR-ONE.

4 EXISTING TRANSFORMER AND PANELBOARDS TO BE RELOCATED. SEE SHEET E-202 FOR MORE INFORMATION.

5 EXISTING COMPRESSOR SHED TO BE REMOVED. REMOVE ALL ASSOCIATED ELECTRICAL ITEMS BACK TO SOURCE OR NEXT DEVICE TO REMAIN. COORDINATE WITH EXISTING CONDITIONS.

6 EXISTING HOME OFFICE FURNITURE TO BE REMOVED. REMOVE ANY SURFACE-MOUNTED ELECTRICAL DEVICES SERVING HOME OFFICE FURNITURE. RECESSED ELECTRICAL DEVICES ARE EXISTING TO REMAIN. COORDINATE WITH EXISTING CONDITIONS.

7 EXISTING CAGED AREA TO BE REMOVED. REMOVE ALL ASSOCIATED ELECTRICAL ITEMS BACK TO SOURCE OR NEXT DEVICE TO REMAIN. COORDINATE WITH EXISTING CONDITIONS.

8 EXISTING LIGHTING CONTROL PANEL SERVING EXTERIOR, DOCK, AND WORKROOM LIGHTING TO BE REPLACED. SEE LIGHTING PLANS FOR MORE INFORMATION.

9 EXISTING BUILDING-MOUTNED LIGHT FIXTURE TO BE REMOVED AND REPLACED. SEE LIGHTING PLANS FOR MORE INFORMATION.

10 EXISTING FIRE ALARM NOTIFICATION DEVICE TO BE REMOVED AND RELOCATED. SEE SHEET E-203 FOR NEW LOCATION.

DEMOLITION SCOPE LEGEND

WITHIN EACH ROOM/AREA, EC SHALL REMOVE ALL EXISTING LIGHTING FIXTURES (INCLUDING EXIT SIGNS AND EMERGENCY EGRESS FIXTURES) AND ASSOCIATED CONDUIT, WIRING, AND CONTROLS BACK TO EXISTING LIGHTING BRANCH CIRCUIT JUNCTION BOX(ES) SERVING THE ROOM/AREA. EXISTING LIGHTING BRANCH CIRCUITS TO BE EXTENDED TO NEW LIGHTING FIXTURES AND CONTROLS AS SHOWN ON LIGHTING PLANS.

WITHIN EACH ROOM/AREA, EC SHALL REMOVE EXISTING EXIT SIGNS AND EMERGENCY EGRESS FIXTURES AND ASSOCIATED CONDUIT AND WIRING BACK TO EXISTING LIGHTING BRANCH CIRCUIT JUNCTION BOX(ES) SERVING THE ROOM/AREA. EXISTING LIGHTING BRANCH CIRCUITS TO BE EXTENDED TO NEW EXIT SIGNS AND EMERGENCY EGRESS FIXTURES AS SHOWN ON LIGHTING PLANS.

SEE KEYNOTES FOR ADDITIONAL DEMOLITION SCOPE WITHIN SPECIFIC ROOMS/AREAS.

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ELECTRICAL - DEMOLITION PLAN

ED-101

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USPS File Number: 546148-003

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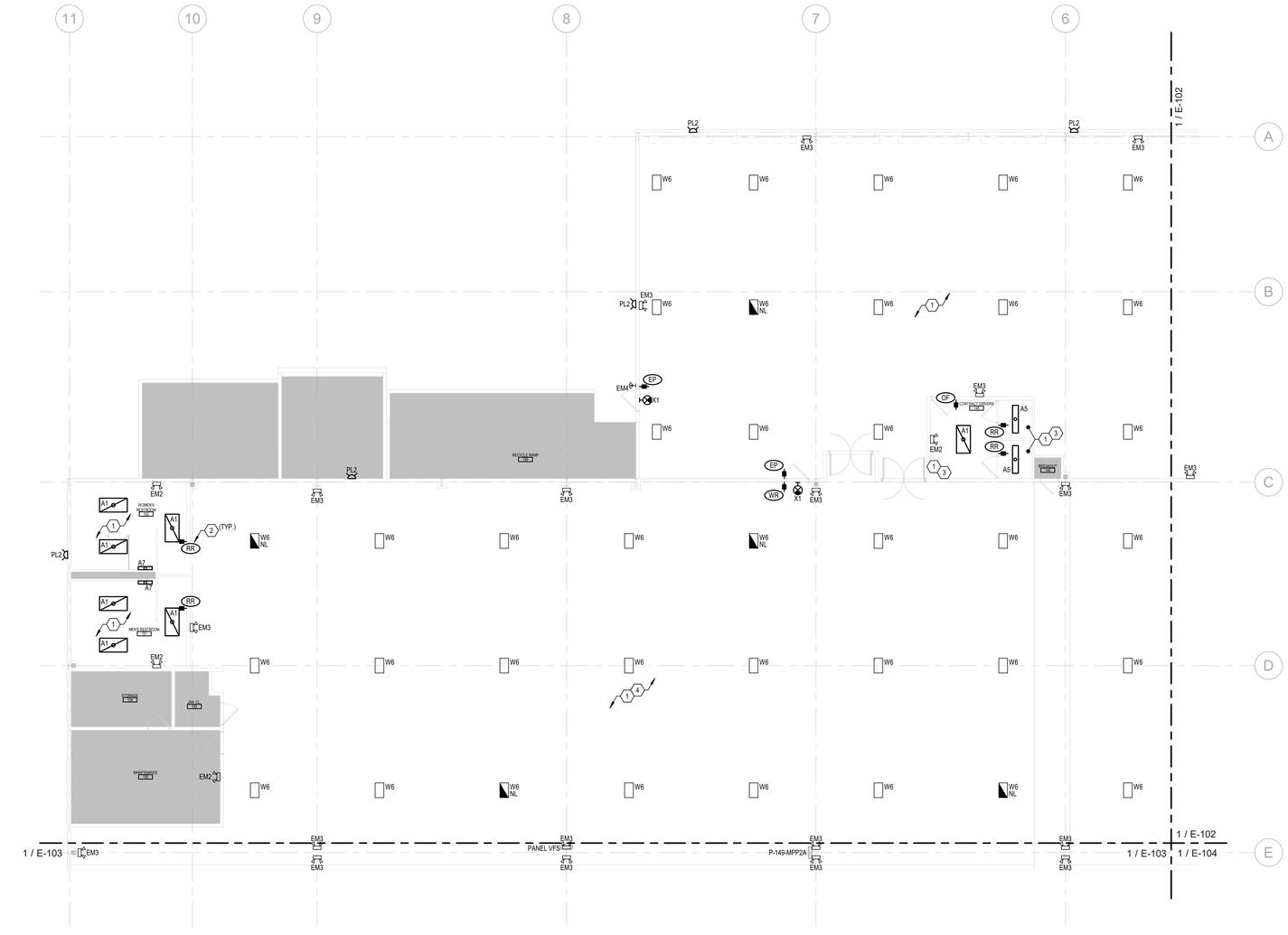


1 ELECTRICAL LIGHTING PLAN - AREA A
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO E-001 FOR ELECTRICAL SYMBOL LEGEND AND LIGHTING FIXTURE SCHEDULE.
B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
C. SHADING INDICATES AREA WITH NO NEW LIGHTING FIXTURES OR LIGHTING CONTROLS.
D. IN SHADED AND UNSHADED AREAS, SPLICE AND EXTEND EXISTING EMERGNECY LIGHTING CIRCUIT CONDUIT AND WIRING TO NEW EMERGENCY LIGHT FIXTURES REPLACING EXISTING EMERGENCY LIGHT FIXTURES. PROVIDE NEW WIRING AND CONDUIT AS REQUIRED. NEW WIRING AND CONDUIT SHALL MATCH EXISTING TYPE AND RATING.
E. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CEILING TYPE WITHIN EACH ROOM/AREA AND PROVIDING LIGHT FIXTURES AND MOUNTING HARDWARE APPROPRIATE FOR THE CEILING TYPE. PRIOR TO ORDERING FIXTURES CONTRACTOR SHALL COORDINATE MOUNTING HARDWARE WITH EXISTING CONDITIONS AND WITH LIGHT FIXTURE SUPPLIER.
F. NEW EXIT SIGNS AND EMERGENCY EGRESS FIXTURES SHALL BE CONNECTED TO EXISTING LOCAL LIGHTING BRANCH CIRCUITS AHEAD OF ANY SWITCHING.

PLAN KEYNOTES

1 SPLICE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT CONDUIT AND WIRING TO NEW FIXTURES REPLACING EXISTING LIGHT FIXTURES. PROVIDE NEW CONDUIT AND WIRING AS REQUIRED. NEW CONDUIT AND WIRING SHALL MATCH EXISTING IN TYPE AND RATING. REMOVE EXISTING CONTROLS AND RE-WORK CONTROLS PER INTERIOR LIGHTING CONTROL SCHEMES SCHEDULE.
2 INTERIOR LIGHTING CONTROL TAG. SEE INTERIOR LIGHTING CONTROL SCHEMES SCHEDULE ON THIS SHEET FOR LIGHTING CONTROLS TO BE PROVIDED WITHIN ROOM/AREA.
3 ONE-FOR-ONE REPLACEMENT OF EXISTING LIGHT FIXTURES WITHIN THIS ROOM/AREA. VERIFY FIXTURE TYPES AND QUANTITIES WITH EXISTING CONDITIONS.
4 PROVIDE NEW EMERGENCY EXIT SIGNAGE THAT IS CLEARLY VISIBLE THROUGHOUT THE WORK AREA ALONG THE REQUIRED EGRESS PATH. COORDINATE LOCATIONS IN THE FIELD WITH USPS EQUIPMENT, RACKS AND CONVEYOR LOCATIONS. FOR BIDDING PURPOSES, MATCH QUANTITIES OF EXISTING EXIT SIGNS CURRENTLY INSTALLED WITHIN THE SPACE.

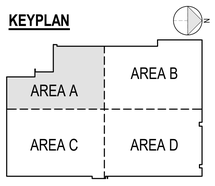
LIGHTING SCOPE OF WORK

A. WITHIN AREA OF WORK, EXISTING LIGHTING TO BE REMOVED AND REPLACED WITH NEW AS SHOWN. COORDINATE WITH EXISTING CONDITIONS. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED AND PROVIDE NEW LIGHTING CONTROLS AS SHOWN.
B. ALL EXISTING EMERGENCY LIGHTING THROUGHOUT THE ENTIRE BUILDING SHALL BE REMOVED AND REPLACED WITH NEW AS SHOWN. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED.
C. ALL EXTERIOR WALL PACKS AND CANOPY FIXTURES SHALL BE REMOVED AND REPLACED WITH NEW AS SHOWN. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED AND PROVIDE NEW CONTROLS IF SHOWN.

INTERIOR LIGHTING CONTROL SCHEMES

TAG	DESCRIPTION
CH	Corridors / Halls •Manual override switch at entrances. •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic on / off
EL	Employee Lunchroom •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
EP	Enclosed Platform •Networked PIR high-bay occupancy sensors (nLight: MCM6RJB) mounted 30ft on center. Fixtures mounted at same height as fixtures, 15'AFF. •Lighting control panel for programming lighting levels (nLight: ARP) with 32-relays, Eclipse controller, and network bridge. Located in adjacent office (TBD). •Lights to be programmed to provide 50FC average when occupied. •Upon 10 minutes of not occupied, the lighting drops to 12.5FC average. •Upon 20 minutes of not occupied, the lighting shuts off. •All lighting in work room are networked together for controls. •Override switches to be provided at two (2) entrances to the area. •Night light fixture indicated on plan with "NL". Provide power pack as required. Night light levels shall be 12.5 fc Enclosed Platform Alternate •Light fixtures with networkable wireless occupancy sensors are acceptable and must meet the above design performance criteria.
MV	Miscellaneous •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
OF	Offices •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
RR	Toilet Rooms / Areas •Manual on switch •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
WR	Workroom •Networked PIR high-bay occupancy sensors (nLight: MCM6RJB) mounted 30ft on center. Fixtures mounted at same height as fixtures, 15'AFF. •Lighting control panel for programming lighting levels (nLight: ARP) with 32-relays, Eclipse controller, and network bridge. Located in main electrical room. •Lights to be programmed to provide 50FC average when occupied. •Upon 10 minutes of not occupied, the lighting drops to 12.5FC average. •Upon 20 minutes of not occupied, the lighting shuts off. •All lighting in work room are networked together for controls. •Override switches to be provided at entrances to the area. •Night light fixture indicated on plan with "NL". Provide power pack as required. Night light levels shall be 12.5 fc Workroom Alternate •Light fixtures with networkable wireless occupancy sensors are acceptable and must meet the above design performance criteria.

KEYPLAN



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ELECTRICAL - LIGHTING PLAN - AREA A

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Project: USPS - OLYMPIA, WA - SDC
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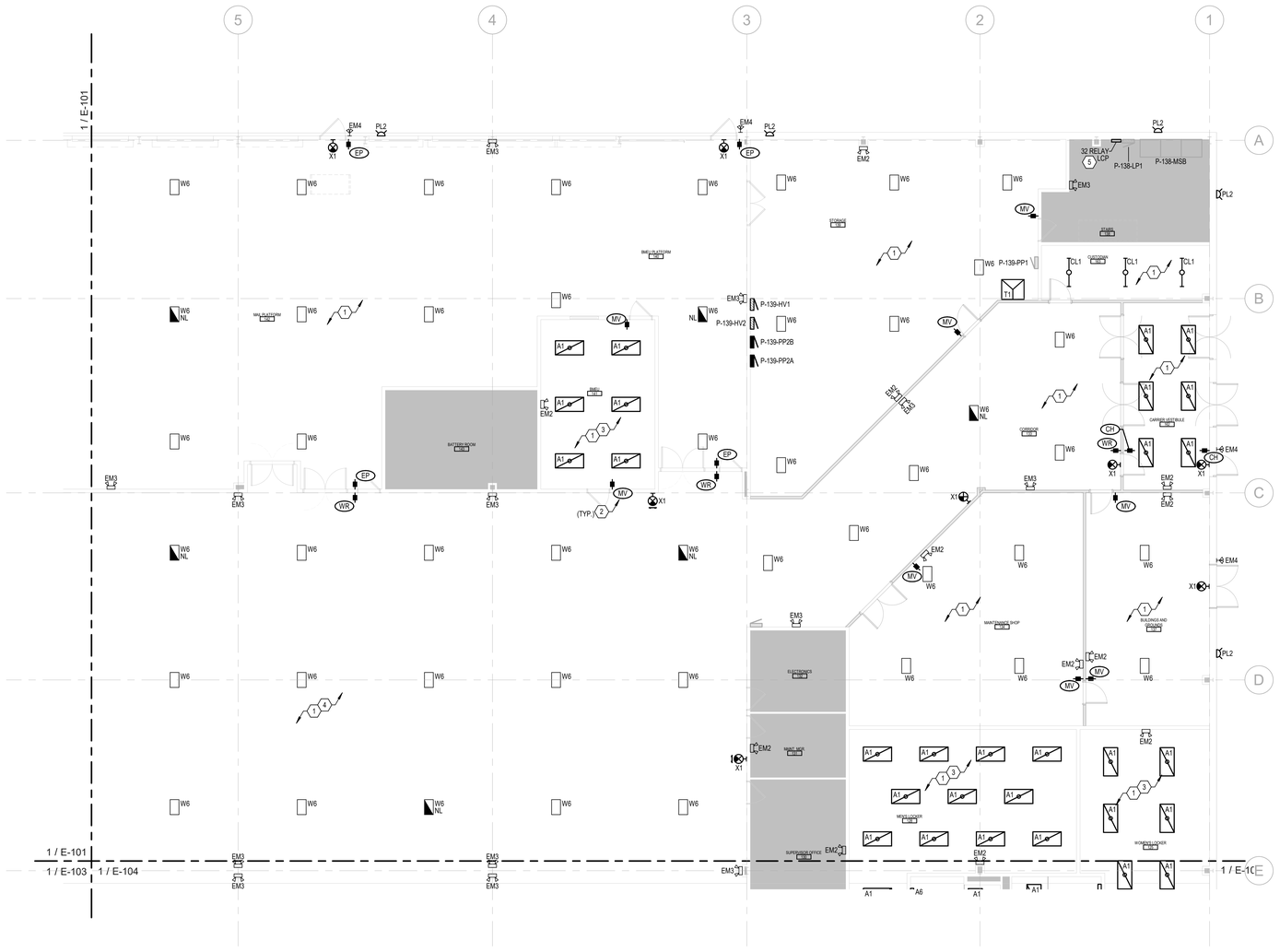
E-101



1 ELECTRICAL LIGHTING PLAN - AREA B
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO E-001 FOR ELECTRICAL SYMBOL LEGEND AND LIGHTING FIXTURE SCHEDULE.
B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
C. SHADING INDICATES AREA WITH NO NEW LIGHTING FIXTURES OR LIGHTING CONTROLS.
D. IN SHADED AND UNSHADED AREAS, SPLICE AND EXTEND EXISTING EMERGNECY LIGHTING CIRCUIT CONDUIT AND WIRING TO NEW EMERGENCY LIGHT FIXTURES REPLACING EXISTING EMERGENCY LIGHT FIXTURES. PROVIDE NEW WIRING AND CONDUIT AS REQUIRED. NEW WIRING AND CONDUIT SHALL MATCH EXISTING TYPE AND RATING.
E. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CEILING TYPE WITHIN EACH ROOM/AREA AND PROVIDING LIGHT FIXTURES AND MOUNTING HARDWARE APPROPRIATE FOR THE CEILING TYPE. PRIOR TO ORDERING FIXTURES CONTRACTOR SHALL COORDINATE MOUNTING HARDWARE WITH EXISTING CONDITIONS AND WITH LIGHT FIXTURE SUPPLIER.
F. NEW EXIT SIGNS AND EMERGENCY EGRESS FIXTURES SHALL BE CONNECTED TO EXISTING LOCAL LIGHTING BRANCH CIRCUITS AHEAD OF ANY SWITCHING.

PLAN KEYNOTES

1 SPLICE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT CONDUIT AND WIRING TO NEW FIXTURES REPLACING EXISTING LIGHT FIXTURES. PROVIDE NEW CONDUIT AND WIRING AS REQUIRED. NEW CONDUIT AND WIRING SHALL MATCH EXISTING IN TYPE AND RATING. REMOVE EXISTING CONTROLS AND RE-WORK CONTROLS PER INTERIOR LIGHTING CONTROL SCHEMES SCHEDULE.
2 INTERIOR LIGHTING CONTROL TAG. SEE INTERIOR LIGHTING CONTROL SCHEMES SCHEDULE ON THIS SHEET FOR LIGHTING CONTROLS TO BE PROVIDED WITHIN ROOM/AREA.
3 ONE-FOR-ONE REPLACEMENT OF EXISTING LIGHT FIXTURES WITHIN THIS ROOM/AREA. VERIFY FIXTURE TYPES AND QUANTITIES WITH EXISTING CONDITIONS.
4 PROVIDE NEW EMERGENCY EXIT SIGNAGE THAT IS CLEARLY VISIBLE THROUGHOUT THE WORK AREA ALONG THE REQUIRED EGRESS PATH. COORDINATE LOCATIONS IN THE FIELD WITH USPS EQUIPMENT, RACKS AND CONVEYOR LOCATIONS. FOR BIDDING PURPOSES, MATCH QUANTITIES OF EXISTING EXIT SIGNS CURRENTLY INSTALLED WITHIN THE SPACE.
5 NEW LIGHTING CONTROL PANEL REPLACING EXISTING LIGHTING CONTROL PANEL REMOVED DURING DEMOLITION. REUSE EXISTING CIRCUIT. RECONNECT EXISTING LIGHTING BRANCH CIRCUITS PREVIOUSLY SERVED BY DEMOLISHED LIGHTING CONTROL PANEL. COORDINATE WITH EXISTING CONDITIONS.

LIGHTING SCOPE OF WORK

A. WITHIN AREA OF WORK, EXISTING LIGHTING TO BE REMOVED AND REPLACED WITH NEW AS SHOWN. COORDINATE WITH EXISTING CONDITIONS. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED AND PROVIDE NEW LIGHTING CONTROLS AS SHOWN.
B. ALL EXISTING EMERGENCY LIGHTING THROUGHOUT THE ENTIRE BUILDING SHALL BE REMOVED AND REPLACED WITH NEW AS SHOWN. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED.
C. ALL EXTERIOR WALL PACKS AND CANOPY FIXTURES SHALL BE REMOVED AND REPLACED WITH NEW AS SHOWN. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED AND PROVIDE NEW CONTROLS IF SHOWN.

INTERIOR LIGHTING CONTROL SCHEMES

TAG	DESCRIPTION
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MV	Miscellaneous •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
OF	Offices •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
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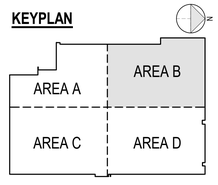
WR	Workroom •Networked PIR high-bay occupancy sensors (nLight: MCM6RJB) mounted 30ft on center. Fixtures mounted at same height as fixtures, 15'AFF. •Lighting control panel for programming lighting levels (nLight: ARP) with 32-relays, Eclipse controller, and network bridge. Located in main electrical room. •Lights to be programmed to provide 50FC average when occupied. •Upon 10 minutes of not occupied, the lighting drops to 12.5FC average. •Upon 20 minutes of not occupied, the lighting shuts off. •All lighting in work room are networked together for controls. •Override switches to be provided at entrances to the area. •Night light fixture indicated on plan with "NL". Provide power pack as required. Night light levels shall be 12.5 fc Workroom Alternate •Light fixtures with networkable wireless occupancy sensors are acceptable and must meet the above design performance criteria.

KEYPLAN



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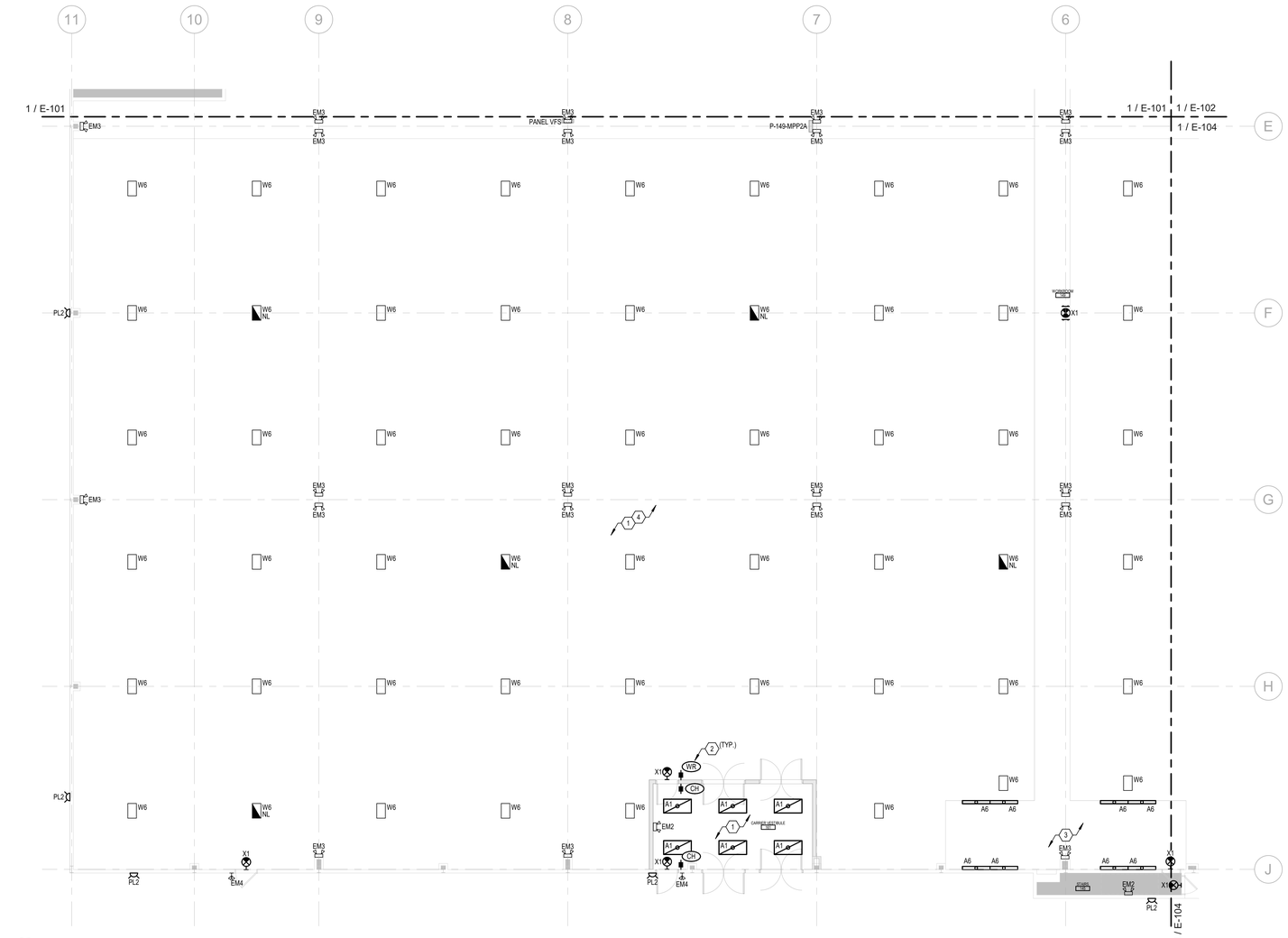
ELECTRICAL - LIGHTING PLAN - AREA B

Revisions: CONSTRUCTION SET
Date: 09.25.2023

E-102

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03



1 ELECTRICAL LIGHTING PLAN - AREA C
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO E-001 FOR ELECTRICAL SYMBOL LEGEND AND LIGHTING FIXTURE SCHEDULE.
B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
C. SHADING INDICATES AREA WITH NO NEW LIGHTING FIXTURES OR LIGHTING CONTROLS.
D. IN SHADED AND UNSHADED AREAS, SPLICE AND EXTEND EXISTING EMERGNECY LIGHTING CIRCUIT CONDUIT AND WIRING TO NEW EMERGENCY LIGHT FIXTURES REPLACING EXISTING EMERGENCY LIGHT FIXTURES. PROVIDE NEW WIRING AND CONDUIT AS REQUIRED. NEW WIRING AND CONDUIT SHALL MATCH EXISTING TYPE AND RATING.
E. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CEILING TYPE WITHIN EACH ROOM/AREA AND PROVIDING LIGHT FIXTURES AND MOUNTING HARDWARE APPROPRIATE FOR THE CEILING TYPE. PRIOR TO ORDERING FIXTURES CONTRACTOR SHALL COORDINATE MOUNTING HARDWARE WITH EXISTING CONDITIONS AND WITH LIGHT FIXTURE SUPPLIER.
F. NEW EXIT SIGNS AND EMERGENCY EGRESS FIXTURES SHALL BE CONNECTED TO EXISTING LOCAL LIGHTING BRANCH CIRCUITS AHEAD OF ANY SWITCHING.

PLAN KEYNOTES

1 SPLICE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT CONDUIT AND WIRING TO NEW FIXTURES REPLACING EXISTING LIGHT FIXTURES. PROVIDE NEW CONDUIT AND WIRING AS REQUIRED. NEW CONDUIT AND WIRING SHALL MATCH EXISTING IN TYPE AND RATING. REMOVE EXISTING CONTROLS AND RE-WORK CONTROLS PER INTERIOR LIGHTING CONTROL SCHEMES SCHEDULE.
2 INTERIOR LIGHTING CONTROL TAG. SEE INTERIOR LIGHTING CONTROL SCHEMES SCHEDULE ON THIS SHEET FOR LIGHTING CONTROLS TO BE PROVIDED WITHIN ROOM/AREA.
3 ONE-FOR-ONE REPLACEMENT OF EXISTING LIGHT FIXTURES WITHIN THIS ROOM/AREA. VERIFY FIXTURE TYPES AND QUANTITIES WITH EXISTING CONDITIONS.
4 PROVIDE NEW EMERGENCY EXIT SIGNAGE THAT IS CLEARLY VISIBLE THROUGHOUT THE WORK AREA ALONG THE REQUIRED EGRESS PATH. COORDINATE LOCATIONS IN THE FIELD WITH USPS EQUIPMENT, RACKS AND CONVEYOR LOCATIONS. FOR BIDDING PURPOSES, MATCH QUANTITIES OF EXISTING EXIT SIGNS CURRENTLY INSTALLED WITHIN THE SPACE.

LIGHTING SCOPE OF WORK

A. WITHIN AREA OF WORK, EXISTING LIGHTING TO BE REMOVED AND REPLACED WITH NEW AS SHOWN. COORDINATE WITH EXISTING CONDITIONS. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED AND PROVIDE NEW LIGHTING CONTROLS AS SHOWN.
B. ALL EXISTING EMERGENCY LIGHTING THROUGHOUT THE ENTIRE BUILDING SHALL BE REMOVED AND REPLACED WITH NEW AS SHOWN. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED.
C. ALL EXTERIOR WALL PACKS AND CANOPY FIXTURES SHALL BE REMOVED AND REPLACED WITH NEW AS SHOWN. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED AND PROVIDE NEW CONTROLS IF SHOWN.

INTERIOR LIGHTING CONTROL SCHEMES

TAG	DESCRIPTION
CH	Corridors / Halls •Manual override switch at entrances. •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic on / off
EL	Employee Lunchroom •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
EP	Enclosed Platform •Networked PIR high-bay occupancy sensors (nLight: MCM6RJB) mounted 30ft on center. Fixtures mounted at same height as fixtures, 15'AFF. •Lighting control panel for programming lighting levels (nLight: ARP) with 32-relays, Eclipse controller, and network bridge. Located in adjacent office (TBD). •Lights to be programmed to provide 50FC average when occupied. •Upon 10 minutes of not occupied, the lighting drops to 12.5FC average. •Upon 20 minutes of not occupied, the lighting shuts off. •All lighting in work room are networked together for controls. •Override switches to be provided at two (2) entrances to the area. •Night light fixture indicated on plan with "NL". Provide power pack as required. Night light levels shall be 12.5 fc Enclosed Platform Alternate •Light fixtures with networkable wireless occupancy sensors are acceptable and must meet the above design performance criteria.
MV	Miscellaneous •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
OF	Offices •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
RR	Toilet Rooms / Areas •Manual on switch •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
WR	Workroom •Networked PIR high-bay occupancy sensors (nLight: MCM6RJB) mounted 30ft on center. Fixtures mounted at same height as fixtures, 15'AFF. •Lighting control panel for programming lighting levels (nLight: ARP) with 32-relays, Eclipse controller, and network bridge. Located in main electrical room. •Lights to be programmed to provide 50FC average when occupied. •Upon 10 minutes of not occupied, the lighting drops to 12.5FC average. •Upon 20 minutes of not occupied, the lighting shuts off. •All lighting in work room are networked together for controls. •Override switches to be provided at entrances to the area. •Night light fixture indicated on plan with "NL". Provide power pack as required. Night light levels shall be 12.5 fc Workroom Alternate •Light fixtures with networkable wireless occupancy sensors are acceptable and must meet the above design performance criteria.

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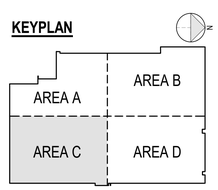

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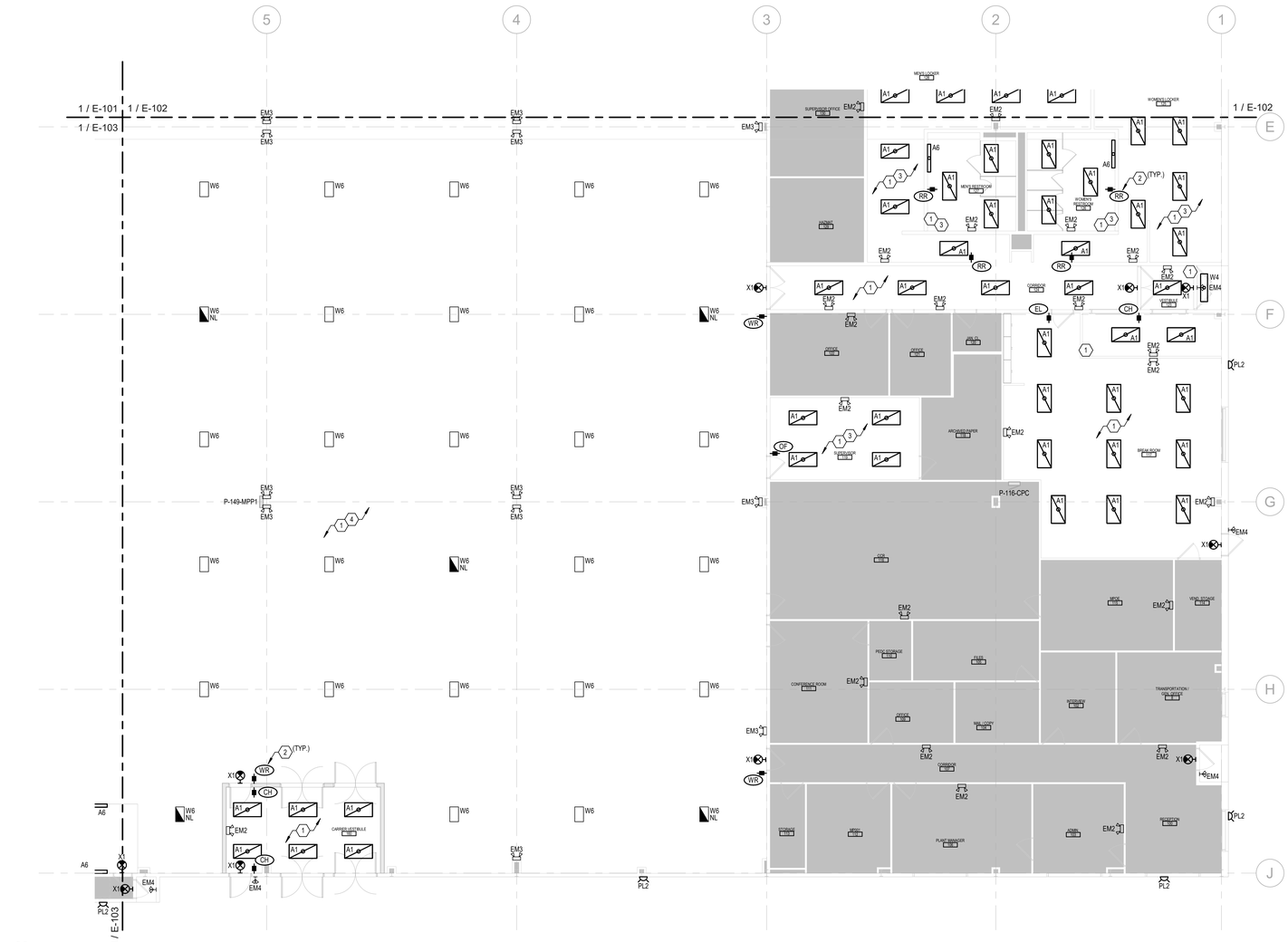
ELECTRICAL - LIGHTING PLAN - AREA C

Revisions: CONSTRUCTION SET
Date: 06.25.2023

E-103

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03



1 ELECTRICAL LIGHTING PLAN - AREA D
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO E-001 FOR ELECTRICAL SYMBOL LEGEND AND LIGHTING FIXTURE SCHEDULE.
B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
C. SHADING INDICATES AREA WITH NO NEW LIGHTING FIXTURES OR LIGHTING CONTROLS.
D. IN SHADED AND UNSHADED AREAS, SPLICE AND EXTEND EXISTING EMERGNECY LIGHTING CIRCUIT CONDUIT AND WIRING TO NEW EMERGENCY LIGHT FIXTURES REPLACING EXISTING EMERGENCY LIGHT FIXTURES. PROVIDE NEW WIRING AND CONDUIT AS REQUIRED. NEW WIRING AND CONDUIT SHALL MATCH EXISTING TYPE AND RATING.
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PLAN KEYNOTES

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3 ONE-FOR-ONE REPLACEMENT OF EXISTING LIGHT FIXTURES WITHIN THIS ROOM/AREA. VERIFY FIXTURE TYPES AND QUANTITIES WITH EXISTING CONDITIONS.
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LIGHTING SCOPE OF WORK

A. WITHIN AREA OF WORK, EXISTING LIGHTING TO BE REMOVED AND REPLACED WITH NEW AS SHOWN. COORDINATE WITH EXISTING CONDITIONS. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED AND PROVIDE NEW LIGHTING CONTROLS AS SHOWN.
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C. ALL EXTERIOR WALL PACKS AND CANOPY FIXTURES SHALL BE REMOVED AND REPLACED WITH NEW AS SHOWN. REUSE AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AS REQUIRED AND PROVIDE NEW CONTROLS IF SHOWN.

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MV	Miscellaneous •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
OF	Offices •Manual on switch •Dimmer control (nLight nPODMADX) •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
RR	Toilet Rooms / Areas •Manual on switch •Occupancy sensor (nLight NCMPDT10 / nPP16D) for automatic off
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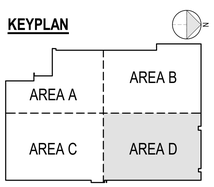

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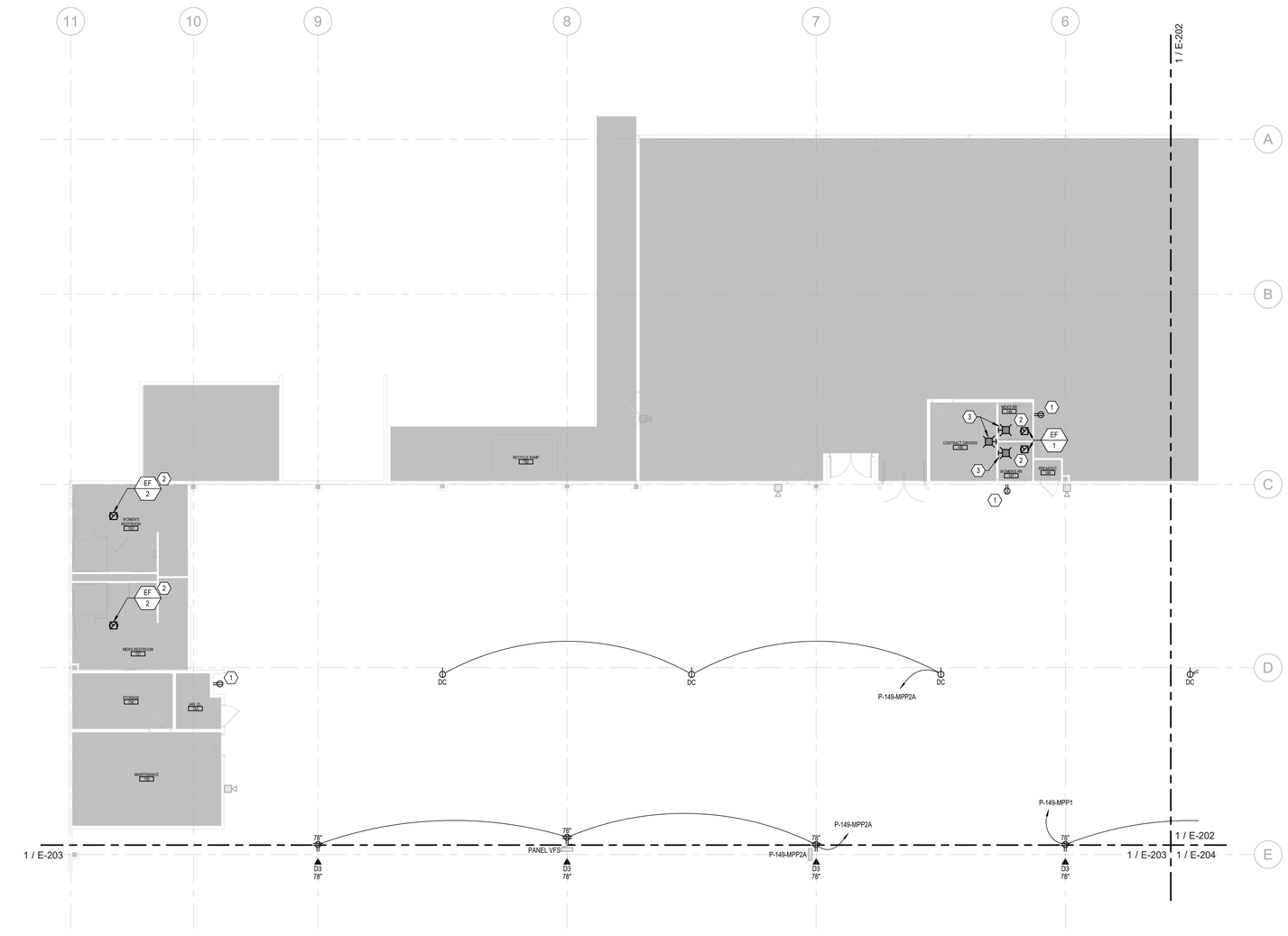
ELECTRICAL - LIGHTING PLAN - AREA D

Revisions: CONSTRUCTION SET
Date: 09.25.2023
Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

E-104



1 ELECTRICAL POWER PLAN - AREA A
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO SHEET E-001 FOR ELECTRICAL SYMBOL LEGEND AND PANELBOARD SCHEDULES.
B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
C. COORDINATE CIRCUIT, DISCONNECT, AND STARTER SIZE(S) AND TERMINATION LOCATION(S) PRIOR TO ROUGH-IN.
D. SHADING INDICATES AREAS WITH NO WORK.
E. NOT ALL EXISTING DEVICES ARE SHOWN ON PLAN.
F. CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING, AND CIRCUIT BREAKERS AS REQUIRED TO SERVE NEW DEVICES.
G. NEW CIRCUITS, UNLESS OTHERWISE NOTED, SHALL BE WIRED WITH (2)#12, (1)#12G IN 3/4"C (INCREASE TO #10s FOR CIRCUITS OVER 75 FEET). TO A SPARE 20A/1P BREAKER (OR NEW 20A/1P BREAKER IF NO SPARES EXIST) IN THE NEAREST EXISTING 208/120V PANELBOARD WITH AVAILABLE CAPACITY.
H. NEW CIRCUIT BREAKERS TO BE INSTALLED IN EXISTING PANELBOARDS SHALL MATCH EXISTING IN MANUFACTURER, TYPE, AND AIC RATING.
I. NEW DEVICES ON DRYWALL SHALL BE FLUSH-MOUNTED. CUT AND PATCH OR FISH WALLS AS REQUIRED.
J. NEW DEVICES ON CONCRETE OR BLOCK WALL SHALL BE SURFACE-MOUNTED. REFER TO SPECIFICATIONS FOR RACEWAY APPLICATIONS.
K. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN LIGHT (GRAY) ARE EXISTING TO REMAIN, SHOWN FOR REFERENCE ONLY.

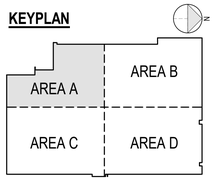
PLAN KEYNOTES

1 EXISTING WATER COOLER TO BE REMOVED AND REPLACED WITH NEW. REPLACE EXISTING GFCI RECEPTACLE WITH A REGULAR DUPLEX RECEPTACLE, AND PROVIDE A 5mA GFCI BREAKER FOR THE CIRCUIT SERVING THE WATER COOLER.
2 EXISTING EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW (120V, 1Φ, FRACTIONAL HORSEPOWER). DISCONNECT FROM AND RECONNECT TO EXISTING CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.
3 NEW FIRE ALARM NOTIFICATION DEVICE. TIE IN TO NEAREST EXISTING FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT (NAC) AND TEST. COORDINATE WITH USPS FIRE ALARM VENDOR PRIOR TO BIDDING.
11 EXISTING WATER COOLER TO BE REMOVED AND REPLACED WITH NEW. REPLACE EXISTING GFCI RECEPTACLE WITH A REGULAR DUPLEX RECEPTACLE, AND PROVIDE A 5mA GFCI BREAKER FOR THE CIRCUIT SERVING THE WATER COOLER.
12 EXISTING WATER COOLER TO BE REMOVED AND REPLACED WITH NEW. REPLACE EXISTING GFCI RECEPTACLE WITH A REGULAR DUPLEX RECEPTACLE, AND PROVIDE A 5mA GFCI BREAKER FOR THE CIRCUIT SERVING THE WATER COOLER.
13 EXISTING WATER COOLER TO BE REMOVED AND REPLACED WITH NEW. REPLACE EXISTING GFCI RECEPTACLE WITH A REGULAR DUPLEX RECEPTACLE, AND PROVIDE A 5mA GFCI BREAKER FOR THE CIRCUIT SERVING THE WATER COOLER.

TECHNOLOGY GENERAL NOTES

A. PROVIDE (1) CAT6 CABLE PER DATA PORT TO NEAREST IDF/MDF. MATCH FACILITY'S EXISTING CABLING COLOR CODE.
B. TERMINATE EACH CABLE WITH AN RJ45 KEYSTONE JACK MOUNTED IN A DECORA-STYLE INSERT. PROVIDE FACEPLATES TO MATCH RECEPTACLE FACEPLATES. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
C. TERMINATE EACH CABLE WITH AN RJ45 CONNECTOR AT THE PATCH PANEL. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
D. PROVIDE TESTING, WITH CERTIFIED RESULTS INCLUDING BUT NOT LIMITED TO DISTANCE, OF EACH DATA LOCATION.
E. PROVIDE 48-PORT PATCH PANELS AS REQUIRED TO ACCOMMODATE NEW DATA DEVICES.
F. PROVIDE PATCH CABLES FROM NEW PATCH PANELS TO EXISTING SWITCHES.

KEYPLAN



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ELECTRICAL - POWER PLAN - AREA A

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-503

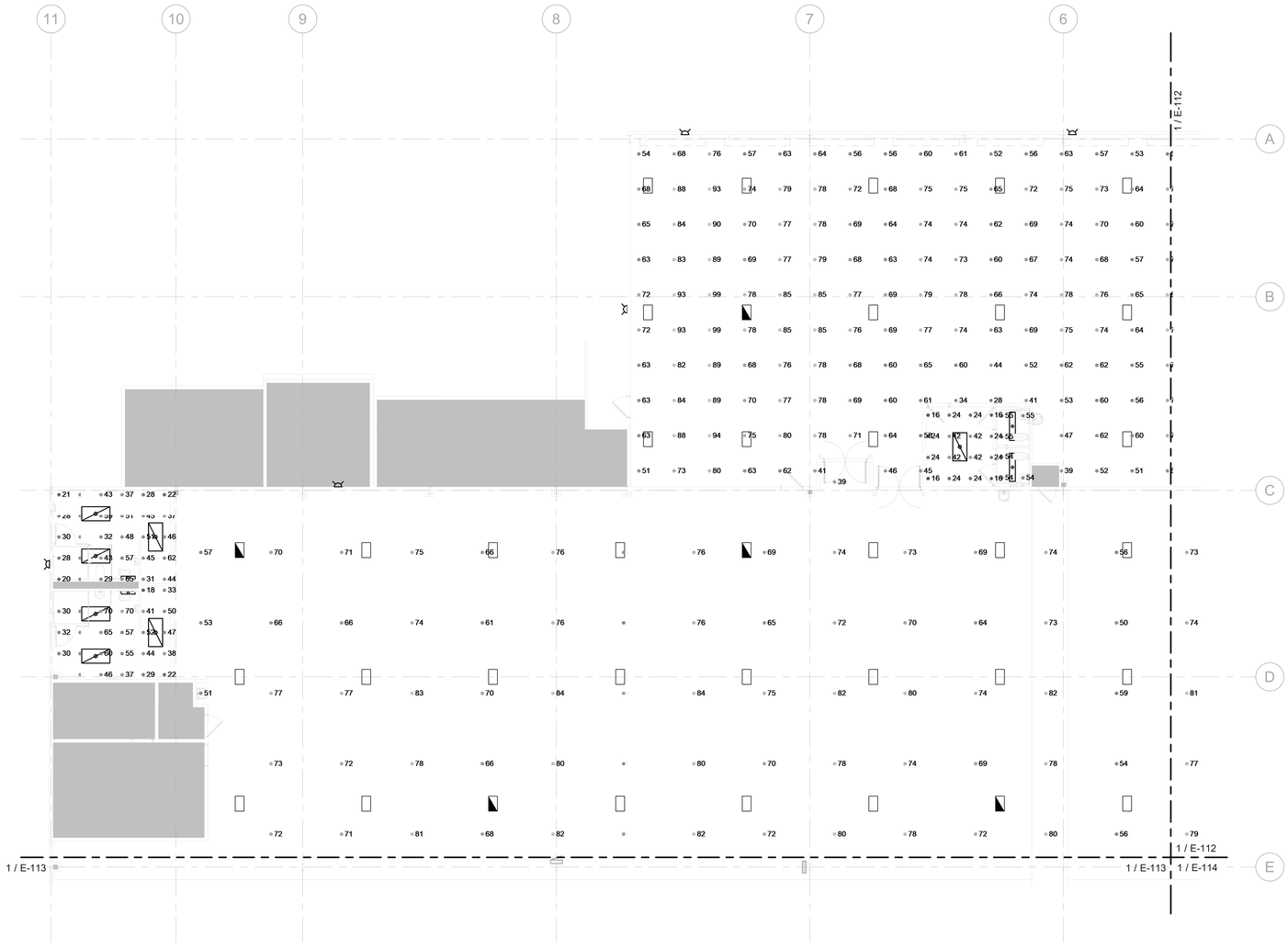
Date: 09.25.2023
Revisions: CONSTRUCTION SET

E-201

LIGHTING FIXTURE SCHEDULE

ENGINEER'S PHOTOMETRICS UTILIZED THE MANUFACTURER ACUITY AS THE BASIS OF DESIGN AND A NATIONAL ACCOUNT HAS BEEN ESTABLISHED WITH ACUITY TO EXPEDITE LIGHT FIXTURE AVAILABILITY (770-355-0938). A FULL LIST OF ACCEPTABLE MANUFACTURERS IS LISTED IN THE SPECIFICATIONS. MANUFACTURER-PROVIDED PHOTOMETRICS AND CUT SHEETS ARE REQUIRED AS A SUBMITTAL.

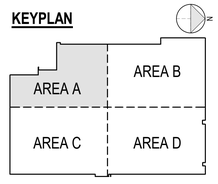
FIXTURE TAG	LAMP	LUMENS	COLOR TEMP.	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	PHOTOMETRIC FILE NAME
A1	LED	5000	4000K	2X4 SWITCHABLE FLAT PANEL	LITHONIA	CPX-2X4-USPS	CPX 2X4 ALO8 SWW7 4000K Med Lumen.ies
A5	LED	5000	4000K	10"X4' SWITCHABLE WRAP AROUND FIXTURE	LITHONIA	FML4W-USPS	FML4W 48 ALO6 SEF 840 MVOLT.ies
A6	LED	4800	4000K	5'X4' WRAP AROUND FIXTURE WITH CURVED RIBBED DIFFUSER	LITHONIA	BLWP4-USPS	BLWP4 48L ADP LP840.ies
A7	LED	4800	4000K	5'X2' WRAP AROUND FIXTURE WITH CURVED RIBBED DIFFUSER	LITHONIA	BLWP2-USPS	BLWP4 48L ADP LP840.ies
CL1	LED	4000	4000K	4' SWITCHABLE STRIP LIGHT FIXTURE	LITHONIA	CSS-L48-USPS	CSS L48 ALO3 MVOLT SWW3 80CRI (4000LM 4000K).ies
EM2	LED	220 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, LOW OUTPUT	LITHONIA	ELM2L-USPS	
EM3	LED	640 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, HIGH OUTPUT	LITHONIA	ELM6L-USPS	
EM4	LED	635	-	EXTERIOR EMERGENCY LIGHT WITH INTEGRAL BATTERY	LITHONIA	AFF-USPS	
PL2	LED	9000	4000K	SWITCHABLE EXTERIOR WALLPACK, GLASS LENS, [INTEGRAL PHOTOCELL]	LITHONIA	TWH-LED-ALO-40K-[PE]-ODBTXD	TWH LED ALO 40K T3M.ies
W4	LED	4000	4000K	4' SWITCHABLE VAPOR-TIGHT FIXTURE	LITHONIA	CSVT-L48-USPS	CSVT L48 ALO3 347 SWW3 80CRI (4000LM 4000K).ies
W6	LED	24000	4000K	COMPACT HIGHBAY FIXTURE WITH WIDE DISTRIBUTION	LITHONIA	CPHB-24LM-USPS	CPHB 24000LM SEF GCL WD 40K 80CRI.ies
X1	LED	-	-	THERMOPLASTIC EXIT SIGN WITH INTEGRAL BATTERY, RED LETTERS	LITHONIA	LQM-USPS	



1 ELECTRICAL PHOTOMETRIC PLAN - AREA A
1/8" = 1'-0"

PHOTOMETRIC PLAN SHOWN FOR REFERENCE ONLY

KEYPLAN



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ELECTRICAL - PHOTOMETRIC PLAN - AREA A

Revisions: CONSTRUCTION SET

Date: 09.25.2023

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

E-111

LIGHTING FIXTURE SCHEDULE

ENGINEER'S PHOTOMETRICS UTILIZED THE MANUFACTURER ACUITY AS THE BASIS OF DESIGN AND A NATIONAL ACCOUNT HAS BEEN ESTABLISHED WITH ACUITY TO EXPEDITE LIGHT FIXTURE AVAILABILITY (770-355-0938). A FULL LIST OF ACCEPTABLE MANUFACTURERS IS LISTED IN THE SPECIFICATIONS. MANUFACTURER-PROVIDED PHOTOMETRICS AND CUT SHEETS ARE REQUIRED AS A SUBMITTAL.

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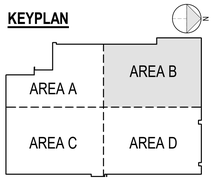
CL1	LED	4000	4000K	4' SWITCHABLE STRIP LIGHT FIXTURE	LITHONIA	CSS-L48-USPS	CSS L48 ALO3 MVOLT SWW3 80CRI (4000LM 4000K).ies
EM2	LED	220 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, LOW OUTPUT	LITHONIA	ELM2L-USPS	
EM3	LED	640 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, HIGH OUTPUT	LITHONIA	ELM6L-USPS	
EM4	LED	635	-	EXTERIOR EMERGENCY LIGHT WITH INTEGRAL BATTERY	LITHONIA	AFF-USPS	
PL2	LED	9000	4000K	SWITCHABLE EXTERIOR WALLPACK, GLASS LENS, [INTEGRAL PHOTOCELL]	LITHONIA	TWH-LED-ALO-40K-[PE]-ODBTXD	TWH LED ALO 40K T3M.ies
W4	LED	4000	4000K	4' SWITCHABLE VAPOR-TIGHT FIXTURE	LITHONIA	CSVT-L48-USPS	CSVT L48 ALO3 347 SWW3 80CRI (4000LM 4000K).ies
W6	LED	24000	4000K	COMPACT HIGHBAY FIXTURE WITH WIDE DISTRIBUTION	LITHONIA	CPHB-24LM-USPS	CPHB 24000LM SEF GCL WD 40K 80CRI.ies
X1	LED	-	-	THERMOPLASTIC EXIT SIGN WITH INTEGRAL BATTERY, RED LETTERS	LITHONIA	LQM-USPS	

1 ELECTRICAL PHOTOMETRIC PLAN - AREA B
1/8" = 1'-0"

PHOTOMETRIC PLAN SHOWN FOR REFERENCE ONLY

KEYPLAN



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ELECTRICAL - PHOTOMETRIC PLAN - AREA B

Revisions: CONSTRUCTION SET

Date: 09.25.2023

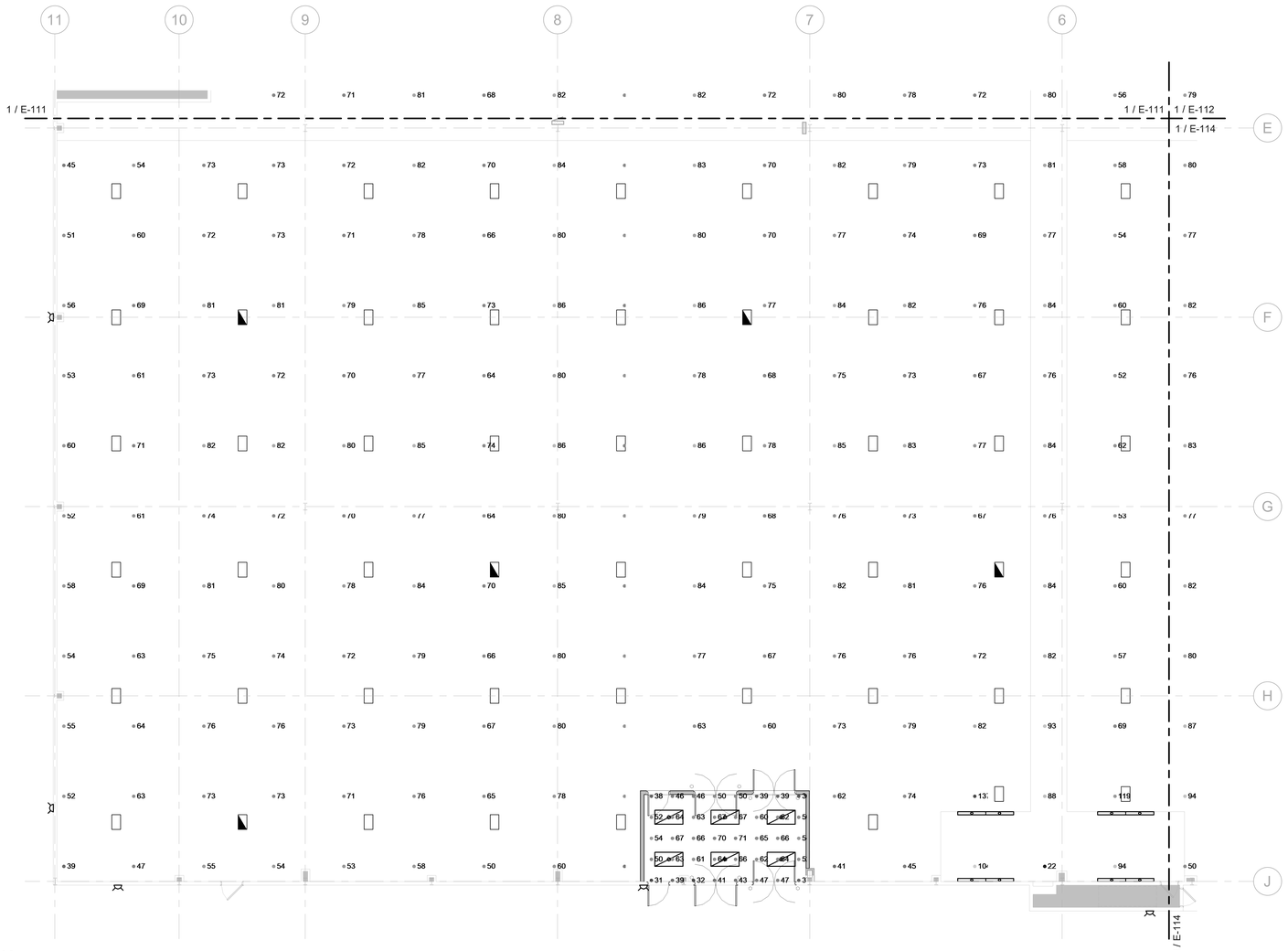
E-112

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03

LIGHTING FIXTURE SCHEDULE

ENGINEER'S PHOTOMETRICS UTILIZED THE MANUFACTURER ACUITY AS THE BASIS OF DESIGN AND A NATIONAL ACCOUNT HAS BEEN ESTABLISHED WITH ACUITY TO EXPEDITE LIGHT FIXTURE AVAILABILITY (770-355-0938). A FULL LIST OF ACCEPTABLE MANUFACTURERS IS LISTED IN THE SPECIFICATIONS. MANUFACTURER-PROVIDED PHOTOMETRICS AND CUT SHEETS ARE REQUIRED AS A SUBMITTAL.

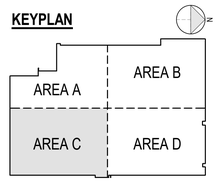
FIXTURE TAG	LAMP	LUMENS	COLOR TEMP.	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	PHOTOMETRIC FILE NAME
A1	LED	5000	4000K	2X4 SWITCHABLE FLAT PANEL	LITHONIA	CPX-2X4-USPS	CPX 2X4 ALO8 SWW7 4000K Med Lumen.ies
A5	LED	5000	4000K	10"X4' SWITCHABLE WRAP AROUND FIXTURE	LITHONIA	FML4W-USPS	FML4W 48 ALO6 SEF 840 MVOLT.ies
A6	LED	4800	4000K	5'X4' WRAP AROUND FIXTURE WITH CURVED RIBBED DIFFUSER	LITHONIA	BLWP4-USPS	BLWP4 48L ADP LP840.ies
A7	LED	4800	4000K	5'X2' WRAP AROUND FIXTURE WITH CURVED RIBBED DIFFUSER	LITHONIA	BLWP2-USPS	BLWP4 48L ADP LP840.ies
CL1	LED	4000	4000K	4' SWITCHABLE STRIP LIGHT FIXTURE	LITHONIA	CSS-L48-USPS	CSS L48 ALO3 MVOLT SWW3 80CRI (4000LM 4000K).ies
EM2	LED	220 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, LOW OUTPUT	LITHONIA	ELM2L-USPS	
EM3	LED	640 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, HIGH OUTPUT	LITHONIA	ELM6L-USPS	
EM4	LED	635	-	EXTERIOR EMERGENCY LIGHT WITH INTEGRAL BATTERY	LITHONIA	AFF-USPS	
PL2	LED	9000	4000K	SWITCHABLE EXTERIOR WALLPACK, GLASS LENS, [INTEGRAL PHOTOCELL]	LITHONIA	TWH-LED-ALO-40K-[PE]-ODBTXD	TWH LED ALO 40K T3M.ies
W4	LED	4000	4000K	4' SWITCHABLE VAPOR-TIGHT FIXTURE	LITHONIA	CSVT-L48-USPS	CSVT L48 ALO3 347 SWW3 80CRI (4000LM 4000K).ies
W6	LED	24000	4000K	COMPACT HIGHBAY FIXTURE WITH WIDE DISTRIBUTION	LITHONIA	CPHB-24LM-USPS	CPHB 24000LM SEF GCL WD 40K 80CRI.ies
X1	LED	-	-	THERMOPLASTIC EXIT SIGN WITH INTEGRAL BATTERY, RED LETTERS	LITHONIA	LQM-USPS	



1 ELECTRICAL PHOTOMETRIC PLAN - AREA C
1/8" = 1'-0"

PHOTOMETRIC PLAN SHOWN FOR REFERENCE ONLY

KEYPLAN



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ELECTRICAL - PHOTOMETRIC PLAN - AREA C

Revisions: CONSTRUCTION SET

Date: 09.25.2023

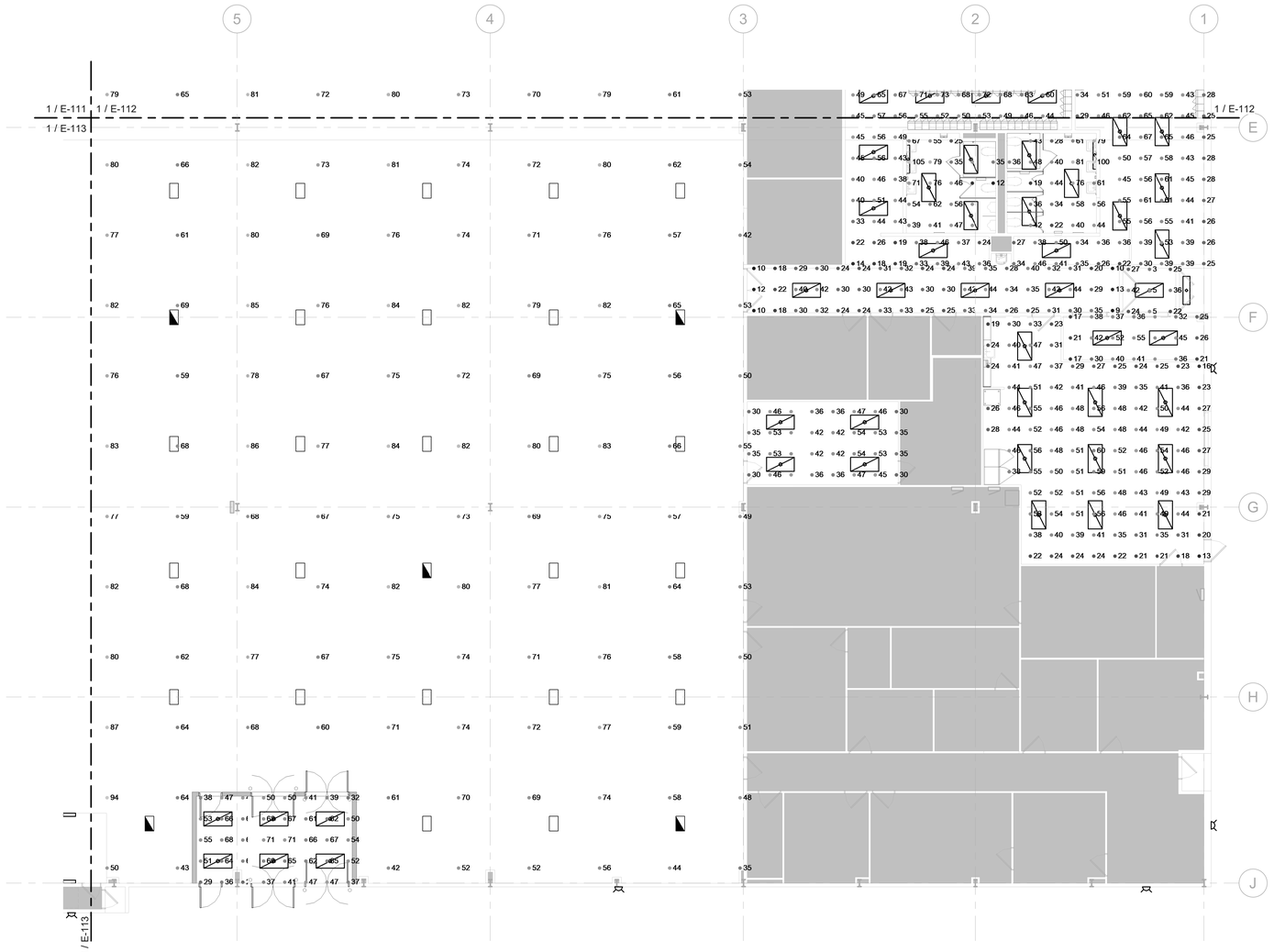
Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-503

E-113

LIGHTING FIXTURE SCHEDULE

ENGINEER'S PHOTOMETRICS UTILIZED THE MANUFACTURER ACUITY AS THE BASIS OF DESIGN AND A NATIONAL ACCOUNT HAS BEEN ESTABLISHED WITH ACUITY TO EXPEDITE LIGHT FIXTURE AVAILABILITY (770-355-0938). A FULL LIST OF ACCEPTABLE MANUFACTURERS IS LISTED IN THE SPECIFICATIONS. MANUFACTURER-PROVIDED PHOTOMETRICS AND CUT SHEETS ARE REQUIRED AS A SUBMITTAL.

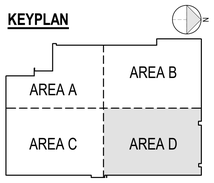
FIXTURE TAG	LAMP	LUMENS	COLOR TEMP.	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	PHOTOMETRIC FILE NAME
A1	LED	5000	4000K	2X4 SWITCHABLE FLAT PANEL	LITHONIA	CPX-2X4-USPS	CPX 2X4 ALO8 SWW7 4000K Med Lumen.ies
A5	LED	5000	4000K	10"X4' SWITCHABLE WRAP AROUND FIXTURE	LITHONIA	FML4W-USPS	FML4W 48 ALO6 SEF 840 MVOLT.ies
A6	LED	4800	4000K	5'X4' WRAP AROUND FIXTURE WITH CURVED RIBBED DIFFUSER	LITHONIA	BLWP4-USPS	BLWP4 48L ADP LP840.ies
A7	LED	4800	4000K	5'X2' WRAP AROUND FIXTURE WITH CURVED RIBBED DIFFUSER	LITHONIA	BLWP2-USPS	BLWP4 48L ADP LP840.ies
CL1	LED	4000	4000K	4' SWITCHABLE STRIP LIGHT FIXTURE	LITHONIA	CSS-L48-USPS	CSS L48 ALO3 MVOLT SWW3 80CRI (4000LM 4000K).ies
EM2	LED	220 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, LOW OUTPUT	LITHONIA	ELM2L-USPS	
EM3	LED	640 PER HEAD	-	EMERGENCY LIGHT WITH INTEGRAL BATTERY, HIGH OUTPUT	LITHONIA	ELM6L-USPS	
EM4	LED	635	-	EXTERIOR EMERGENCY LIGHT WITH INTEGRAL BATTERY	LITHONIA	AFF-USPS	
PL2	LED	9000	4000K	SWITCHABLE EXTERIOR WALLPACK, GLASS LENS, [INTEGRAL PHOTOCELL]	LITHONIA	TWH-LED-ALO-40K-[PE]-ODBTXD	TWH LED ALO 40K T3M.ies
W4	LED	4000	4000K	4' SWITCHABLE VAPOR-TIGHT FIXTURE	LITHONIA	CSVT-L48-USPS	CSVT L48 ALO3 347 SWW3 80CRI (4000LM 4000K).ies
W6	LED	24000	4000K	COMPACT HIGHBAY FIXTURE WITH WIDE DISTRIBUTION	LITHONIA	CPHB-24LM-USPS	CPHB 24000LM SEF GCL WD 40K 80CRI.ies
X1	LED	-	-	THERMOPLASTIC EXIT SIGN WITH INTEGRAL BATTERY, RED LETTERS	LITHONIA	LQM-USPS	



1 ELECTRICAL PHOTOMETRIC PLAN - AREA D
1/8" = 1'-0"

PHOTOMETRIC PLAN SHOWN FOR REFERENCE ONLY

KEYPLAN



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ELECTRICAL - PHOTOMETRIC PLAN - AREA D

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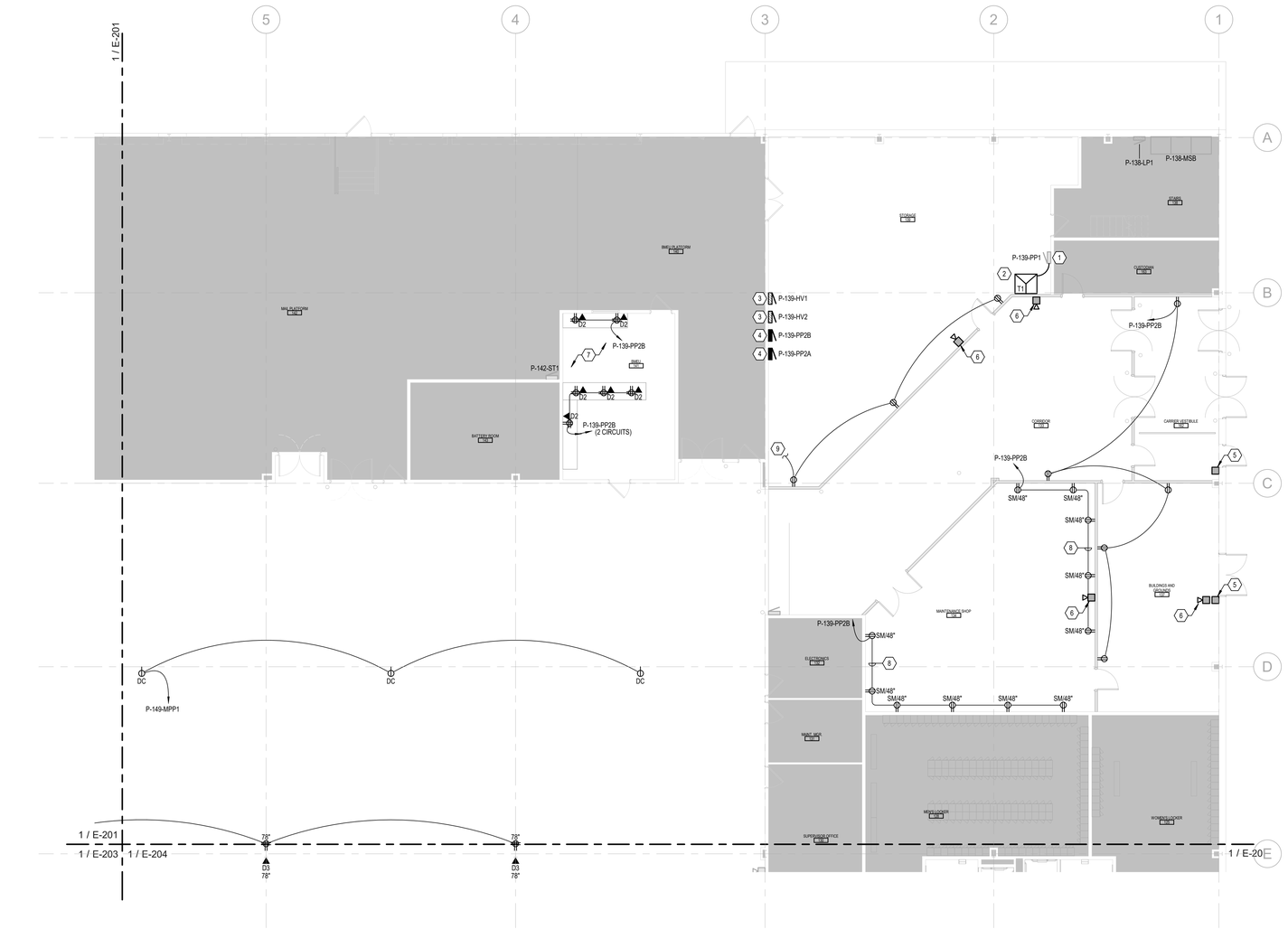
Revisions: CONSTRUCTION SET

E-114

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-G03



1 ELECTRICAL POWER PLAN -AREA B
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO SHEET E-001 FOR ELECTRICAL SYMBOL LEGEND AND PANELBOARD SCHEDULES.
B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
C. COORDINATE CIRCUIT, DISCONNECT, AND STARTER SIZE(S) AND TERMINATION LOCATION(S) PRIOR TO ROUGH-IN.
D. SHADING INDICATES AREAS WITH NO WORK.
E. NOT ALL EXISTING DEVICES ARE SHOWN ON PLAN.
F. CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING, AND CIRCUIT BREAKERS AS REQUIRED TO SERVE NEW DEVICES.
G. NEW CIRCUITS, UNLESS OTHERWISE NOTED, SHALL BE WIRED WITH (2)#12, (1)#12G IN 3/4"C (INCREASE TO #10s FOR CIRCUITS OVER 75 FEET). TO A SPARE 20A/1P BREAKER (OR NEW 20A/1P BREAKER IF NO SPARES EXIST) IN THE NEAREST EXISTING 208/120V PANELBOARD WITH AVAILABLE CAPACITY.
H. NEW CIRCUIT BREAKERS TO BE INSTALLED IN EXISTING PANELBOARDS SHALL MATCH EXISTING IN MANUFACTURER, TYPE, AND AIC RATING.
I. NEW DEVICES ON DRYWALL SHALL BE FLUSH-MOUNTED. CUT AND PATCH OR FISH WALLS AS REQUIRED.
J. NEW DEVICES ON CONCRETE OR BLOCK WALL SHALL BE SURFACE-MOUNTED. REFER TO SPECIFICATIONS FOR RACEWAY APPLICATIONS.
K. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN LIGHT (GRAY) ARE EXISTING TO REMAIN, SHOWN FOR REFERENCE ONLY.

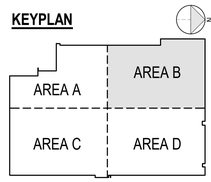
PLAN KEYNOTES

1 EXISTING PANEL "P-139-PP1" TO REMAIN.
2 RELOCATED TRANSFORMER "T1". EXTEND EXISTING PRIMARY FEEDER TO NEW LOCATION OR PROVIDE A NEW PRIMARY FEEDER FROM MAIN SWITCHBOARD. PROVIDE A NEW SECONDARY FEEDER TO PANEL "P-139-PP1". NEW FEEDERS SHALL MATCH EXISTING IN RATING. COORDINATE WITH EXISTING CONDITIONS.
3 RELOCATED PANELS "P-139-HV1" AND "P-139-HV2". EXTEND EXISTING FEEDERS TO NEW LOCATION OR PROVIDE NEW FEEDERS FROM MAIN SWITCHBOARD. NEW FEEDERS SHALL MATCH EXISTING IN RATING. EXTEND EXISTING BRANCH CIRCUITS TO NEW PANEL LOCATION. NEW BRANCH CIRCUIT CONDUIT AND WIRING SHALL MATCH EXISTING IN RATING. COORDINATE WITH EXISTING CONDITIONS.
4 RELOCATED PANELS "P-139-PP2A" AND "P-139-PP2B". PROVIDE NEW 200A FEEDERS FROM PANEL "P-139-PP1". FEEDERS SHALL BE (4)#3/0, (1)#6G IN 2"C. EXTEND EXISTING BRANCH CIRCUITS TO NEW PANEL LOCATION. NEW BRANCH CIRCUIT CONDUIT AND WIRING SHALL MATCH EXISTING IN RATING. COORDINATE WITH EXISTING CONDITIONS.
5 NEW FIRE ALARM MANUAL PULL STATION. TIE IN TO NEAREST EXISTING FIRE ALARM SIGNALLING LINE CIRCUIT (SLC) AND TEST. COORDINATE WITH USPS FIRE ALARM VENDOR PRIOR TO BIDDING.
6 NEW FIRE ALARM NOTIFICATION DEVICE. TIE IN TO NEAREST EXISTING FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT (NAC) AND TEST. COORDINATE WITH USPS FIRE ALARM VENDOR PRIOR TO BIDDING.
7 NEW POWER AND DATA OUTLETS SURFACE-MOUNTED UNDER NEW CASEWORK. ROUTE WIRING THROUGH SURFACE-MOUNTED EMT CONDUIT.
8 NEW RECEPTACLES WITHIN THE MAINTENANCE SHOP SHALL BE SURFACE-MOUNTED. ROUTE WIRING THROUGH SURFACE-MOUNTED EMT CONDUIT. EACH CIRCUIT SHALL BE WIRED WITH (3)#10, (1)#10G IN 3/4"C TO A NEW 30A/2P BREAKER IN PANELBOARD INDICATED. PROVIDE COST FOR (4) NEMA 6-20R RECEPTACLES IN BID. NEMA 6-20R RECEPTACLES ARE TO BE LOCATED BY MAINTENANCE SHOP PERSONNEL WHERE 208V POWER IS REQUIRED FOR SHOP EQUIPMENT. AT THESE LOCATIONS, CONTRACTOR SHALL SWAP NEMA 5-20R RECEPTACLE FOR NEMA 6-20R RECEPTACLE AND CONNECT TO THE SECOND HOT CONDUCTOR PROVIDED.
9 TIE-IN TO NEAREST EXISTING CONVENIENCE RECEPTACLE BRANCH CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.

TECHNOLOGY GENERAL NOTES

A. PROVIDE (1) CAT6 CABLE PER DATA PORT TO NEAREST IDF/MDF. MATCH FACILITY'S EXISTING CABLING COLOR CODE.
B. TERMINATE EACH CABLE WITH AN RJ45 KEYSTONE JACK MOUNTED IN A DECORA-STYLE INSERT. PROVIDE FACEPLATES TO MATCH RECEPTACLE FACEPLATES. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
C. TERMINATE EACH CABLE WITH AN RJ45 CONNECTOR AT THE PATCH PANEL. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
D. PROVIDE TESTING, WITH CERTIFIED RESULTS INCLUDING BUT NOT LIMITED TO DISTANCE, OF EACH DATA LOCATION.
E. PROVIDE 48-PORT PATCH PANELS AS REQUIRED TO ACCOMMODATE NEW DATA DEVICES.
F. PROVIDE PATCH CABLES FROM NEW PATCH PANELS TO EXISTING SWITCHES.

KEYPLAN



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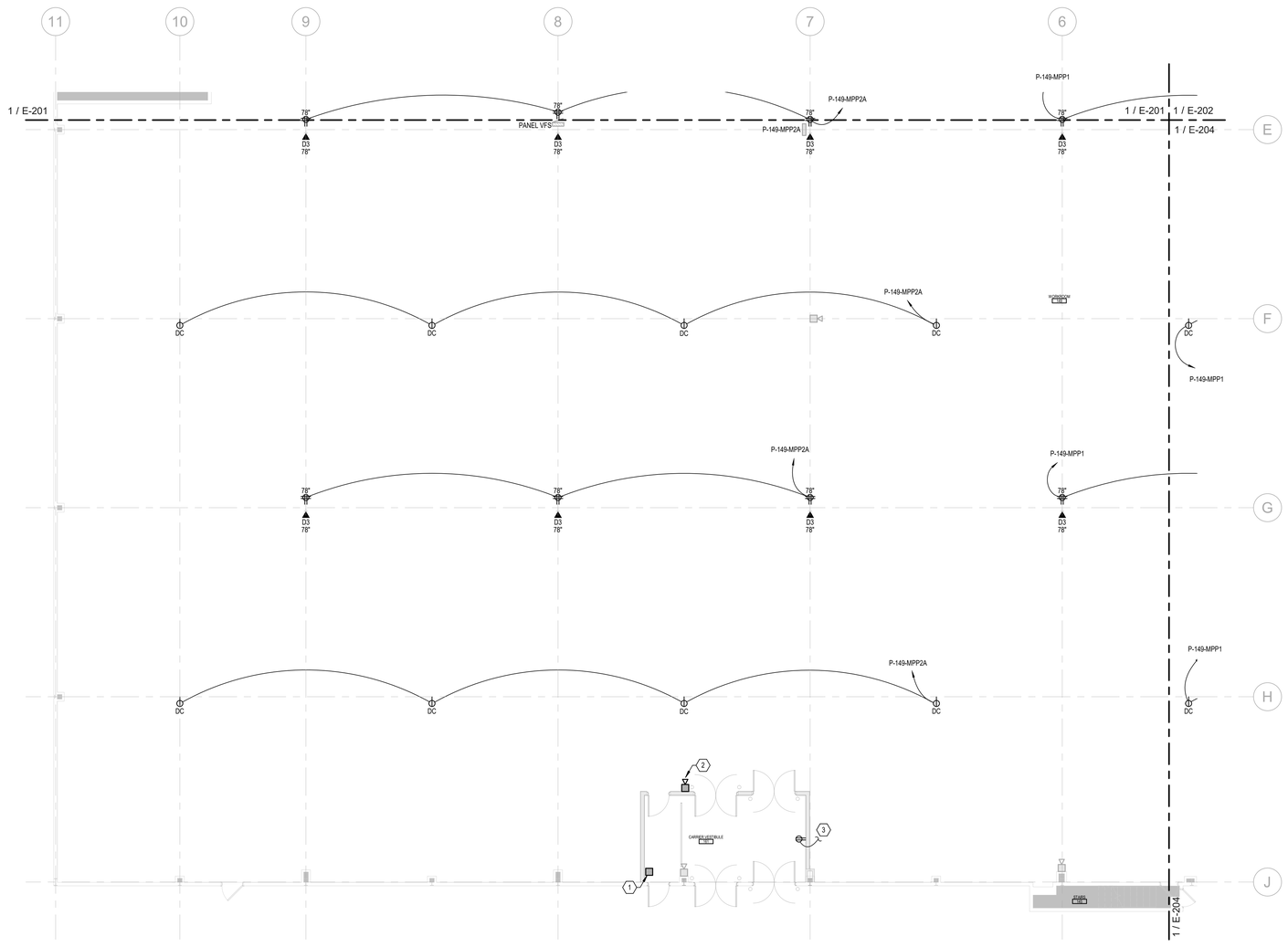
ELECTRICAL - POWER PLAN - AREA B

Date: 09.25.2023
Revisions: CONSTRUCTION SET

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-503

E-202



1 ELECTRICAL POWER PLAN - AREA C
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO SHEET E-001 FOR ELECTRICAL SYMBOL LEGEND AND PANELBOARD SCHEDULES.
B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
C. COORDINATE CIRCUIT, DISCONNECT, AND STARTER SIZE(S) AND TERMINATION LOCATION(S) PRIOR TO ROUGH-IN.
D. SHADING INDICATES AREAS WITH NO WORK.
E. NOT ALL EXISTING DEVICES ARE SHOWN ON PLAN.
F. CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING, AND CIRCUIT BREAKERS AS REQUIRED TO SERVE NEW DEVICES.
G. NEW CIRCUITS, UNLESS OTHERWISE NOTED, SHALL BE WIRED WITH (2)#12, (1)#12G IN 3/4"C (INCREASE TO #10s FOR CIRCUITS OVER 75 FEET). TO A SPARE 20A/1P BREAKER (OR NEW 20A/1P BREAKER IF NO SPARES EXIST) IN THE NEAREST EXISTING 208/120V PANELBOARD WITH AVAILABLE CAPACITY.
H. NEW CIRCUIT BREAKERS TO BE INSTALLED IN EXISTING PANELBOARDS SHALL MATCH EXISTING IN MANUFACTURER, TYPE, AND AIC RATING.
I. NEW DEVICES ON DRYWALL SHALL BE FLUSH-MOUNTED. CUT AND PATCH OR FISH WALLS AS REQUIRED.
J. NEW DEVICES ON CONCRETE OR BLOCK WALL SHALL BE SURFACE-MOUNTED. REFER TO SPECIFICATIONS FOR RACEWAY APPLICATIONS.
K. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN LIGHT (GRAY) ARE EXISTING TO REMAIN, SHOWN FOR REFERENCE ONLY.

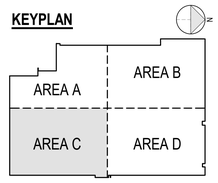
PLAN KEYNOTES

1 NEW FIRE ALARM MANUAL PULL STATION. TIE IN TO NEAREST EXISTING FIRE ALARM SIGNALLING LINE CIRCUIT (SLC) AND TEST. COORDINATE WITH USPS FIRE ALARM VENDOR PRIOR TO BIDDING.
2 RELOCATED FIRE ALARM NOTIFICATION DEVICE. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED AND TEST.
3 TIE-IN TO NEAREST EXISTING CONVENIENCE RECEPTACLE BRANCH CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.

TECHNOLOGY GENERAL NOTES

A. PROVIDE (1) CAT6 CABLE PER DATA PORT TO NEAREST IDF/MDF. MATCH FACILITY'S EXISTING CABLING COLOR CODE.
B. TERMINATE EACH CABLE WITH AN RJ45 KEYSTONE JACK MOUNTED IN A DECORA-STYLE INSERT. PROVIDE FACEPLATES TO MATCH RECEPTACLE FACEPLATES. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
C. TERMINATE EACH CABLE WITH AN RJ45 CONNECTOR AT THE PATCH PANEL. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
D. PROVIDE TESTING, WITH CERTIFIED RESULTS INCLUDING BUT NOT LIMITED TO DISTANCE, OF EACH DATA LOCATION.
E. PROVIDE 48-PORT PATCH PANELS AS REQUIRED TO ACCOMMODATE NEW DATA DEVICES.
F. PROVIDE PATCH CABLES FROM NEW PATCH PANELS TO EXISTING SWITCHES.

KEYPLAN



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ELECTRICAL - POWER PLAN - AREA C

Scale: NTS
Project: USPS - OLYMPIA, WA - SDC
USPS File Number: 546148-503
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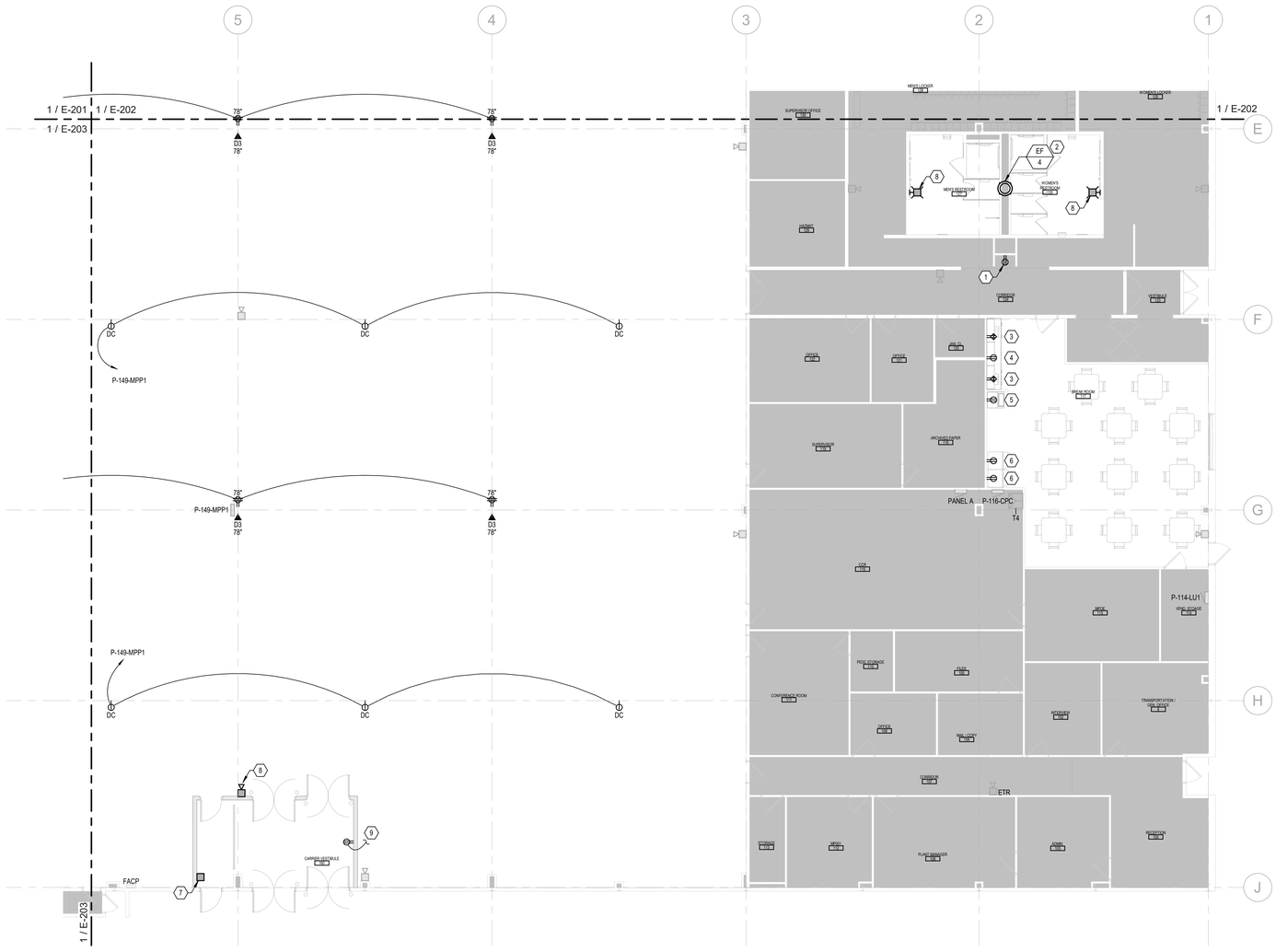
E-203



1 ELECTRICAL POWER PLAN - AREA D
1/8" = 1'-0"

GENERAL NOTES

A. REFER TO SHEET E-001 FOR ELECTRICAL SYMBOL LEGEND AND PANELBOARD SCHEDULES.
B. REFER TO E-500 SERIES FOR ELECTRICAL DETAILS.
C. COORDINATE CIRCUIT, DISCONNECT, AND STARTER SIZE(S) AND TERMINATION LOCATION(S) PRIOR TO ROUGH-IN.
D. SHADING INDICATES AREAS WITH NO WORK.
E. NOT ALL EXISTING DEVICES ARE SHOWN ON PLAN.
F. CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRING, AND CIRCUIT BREAKERS AS REQUIRED TO SERVE NEW DEVICES.
G. NEW CIRCUITS, UNLESS OTHERWISE NOTED, SHALL BE WIRED WITH (2)#12, (1)#12G IN 3/4"C (INCREASE TO #10s FOR CIRCUITS OVER 75 FEET). TO A SPARE 20A/1P BREAKER (OR NEW 20A/1P BREAKER IF NO SPARES EXIST) IN THE NEAREST EXISTING 208/120V PANELBOARD WITH AVAILABLE CAPACITY.
H. NEW CIRCUIT BREAKERS TO BE INSTALLED IN EXISTING PANELBOARDS SHALL MATCH EXISTING IN MANUFACTURER, TYPE, AND AIC RATING.
I. NEW DEVICES ON DRYWALL SHALL BE FLUSH-MOUNTED. CUT AND PATCH OR FISH WALLS AS REQUIRED.
J. NEW DEVICES ON CONCRETE OR BLOCK WALL SHALL BE SURFACE-MOUNTED. REFER TO SPECIFICATIONS FOR RACEWAY APPLICATIONS.
K. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN LIGHT (GRAY) ARE EXISTING TO REMAIN, SHOWN FOR REFERENCE ONLY.

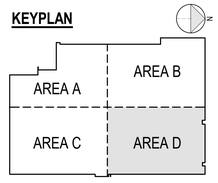
PLAN KEYNOTES

1 EXISTING WATER COOLER TO BE REMOVED AND REPLACED WITH NEW. REPLACE EXISTING GFCI RECEPTACLE WITH A REGULAR DUPLEX RECEPTACLE, AND PROVIDE A 5mA GFCI BREAKER FOR THE CIRCUIT SERVING THE WATER COOLER.
2 EXISTING EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW (120V, 1Φ, FRACTIONAL HORSEPOWER). DISCONNECT FROM AND RECONNECT TO EXISTING CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.
3 NEW ABOVE-COUNTER GFCI RECEPTACLE.
4 NEW GARBAGE DISPOSAL. PROVIDE A 5mA GFCI BREAKER AND A TOGGLE SWITCH ABOVE COUNTER.
5 NEW ICE MACHINE. PROVIDE A 5mA GFCI BREAKER.
6 NEW REFRIGERATOR. PROVIDE A 5mA GFCI BREAKER.
7 NEW FIRE ALARM MANUAL PULL STATION. TIE IN TO NEAREST EXISTING FIRE ALARM SIGNALLING LINE CIRCUIT (SLC) AND TEST. COORDINATE WITH USPS FIRE ALARM VENDOR PRIOR TO BIDDING.
8 NEW FIRE ALARM NOTIFICATION DEVICE. TIE IN TO NEAREST EXISTING FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT (NAC) AND TEST. COORDINATE WITH USPS FIRE ALARM VENDOR PRIOR TO BIDDING.
9 TIE-IN TO NEAREST EXISTING CONVENIENCE RECEPTACLE BRANCH CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.

TECHNOLOGY GENERAL NOTES

A. PROVIDE (1) CAT6 CABLE PER DATA PORT TO NEAREST IDF/MDF. MATCH FACILITY'S EXISTING CABLING COLOR CODE.
B. TERMINATE EACH CABLE WITH AN RJ45 KEYSTONE JACK MOUNTED IN A DECORA-STYLE INSERT. PROVIDE FACEPLATES TO MATCH RECEPTACLE FACEPLATES. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
C. TERMINATE EACH CABLE WITH AN RJ45 CONNECTOR AT THE PATCH PANEL. MATCH FACILITY'S EXISTING TERMINATION COLOR CODE. LABEL ALL TERMINATIONS.
D. PROVIDE TESTING, WITH CERTIFIED RESULTS INCLUDING BUT NOT LIMITED TO DISTANCE, OF EACH DATA LOCATION.
E. PROVIDE 48-PORT PATCH PANELS AS REQUIRED TO ACCOMMODATE NEW DATA DEVICES.
F. PROVIDE PATCH CABLES FROM NEW PATCH PANELS TO EXISTING SWITCHES.

KEYPLAN



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ELECTRICAL - POWER PLAN - AREA D

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E-204

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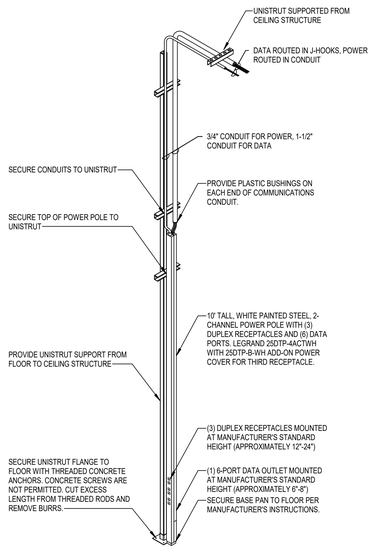

1 DUAL-CHANNEL POWER POLE DETAIL
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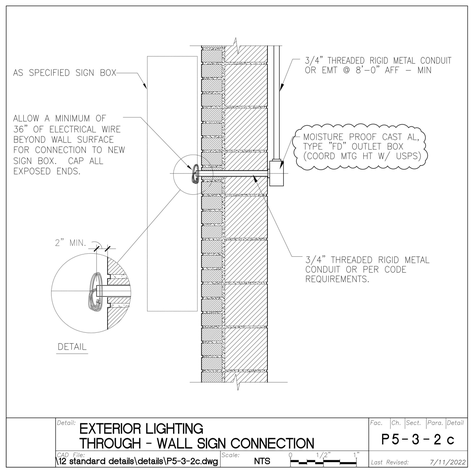

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2 USPS STANDARD DETAIL P5-3-2C
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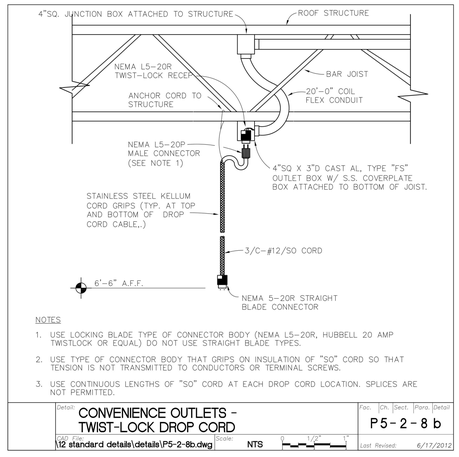

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3 USPS STANDARD DETAIL P5-2-8B
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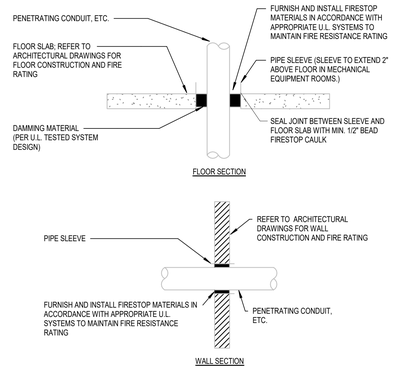

NOTES:

1. WHERE CONDUIT, CABLES AND OTHER COMPONENTS PASS THROUGH FIRE OR SMOKE RATED WALLS OR FLOORS, PROVIDE NON-ASBESTOS SEAL ASSEMBLIES CLASSIFIED BY U.L. TO PROVIDE FIRE BARRIERS EQUAL TO OR GREATER THAN THE TIME RATING OF THE CONSTRUCTION BEING PENETRATED, WITH APPROPRIATE MATERIALS AND SYSTEMS THAT COMPLY WITH APPLICABLE CODES AND THAT HAVE BEEN TESTED IN ACCORDANCE WITH U.L. 1479 OR ASTM E814.
2. GROUT, MORTAR OR GYPSUM BASED PRODUCTS SHALL NOT BE INSTALLED IN LIEU OF FIRESTOPPING MATERIALS AND U.L. SYSTEMS.
3. FOR SLEEVED PENETRATIONS, FIRESTOP ANNULAR SPACE, IF ANY, BETWEEN SLEEVE AND ADJACENT CONSTRUCTION TO MEET U.L. SYSTEM REQUIREMENTS. SEE NOTE 2 ABOVE.
4. THIS CONTRACTOR SHALL FIRESTOP ALL MISCELLANEOUS OPENINGS IN FIRE-RATED CONSTRUCTION RESULTING FROM HIS WORK.
5. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS TO ENGINEER, INCLUDING U.L. RATED SYSTEM NUMBER AND DETAIL FOR EACH TYPE OF PENETRATION AND CONFIGURATION.
6. SLEEVES USED FOR CABLE RISERS THROUGH FLOORS OR WALLS SHALL BE INSTALLED PER THE ABOVE FLOOR OR WALL SECTIONS. IN ADDITION, FIRESTOP MATERIAL SHALL BE PROVIDED INSIDE SLEEVE AFTER CABLES ARE COMPLETELY INSTALLED.

UL FIRE STOP SYSTEMS FOR 1 AND 2 HOUR RATED WALL AND FLOOR ASSEMBLIES

SERVICE	GYPSUM WALL PENETRATION	CONCRETE/MASONRY WALL PENETRATION	CONCRETE FLOOR PENETRATION
GRC CONDUIT (NOMINAL < 6" DIA.)	WL1049	WS1055	CAJ1079
EMT CONDUIT (NOMINAL < 4" DIA.)	WL1049	WS1055	CAJ1079
PVC CONDUIT/ INNER DUCT (< 2" DIA.)	WL2093	WJ2018	CAJ2031
CABLES (MAX. 3" DIA. CABLE BUNDLE)	WL3076	WJ3022	CAJ3133
CABLE TRAYS	WL4005	WJ4009	CAJ4029
BUS DUCT	WL6001	CAJ6008	CAJ6008

4 FIRESTOPPING DETAIL FOR PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION
N.T.S.

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ELECTRICAL DETAILS

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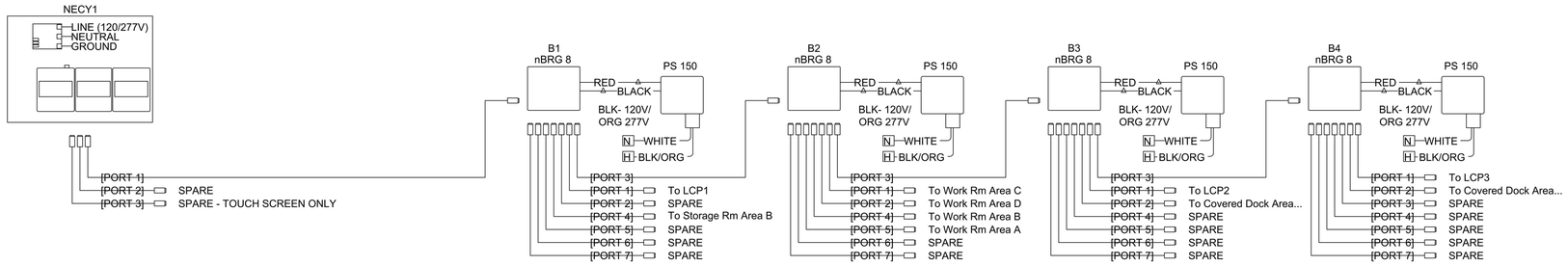

1 TYPICAL NETWORK RISER
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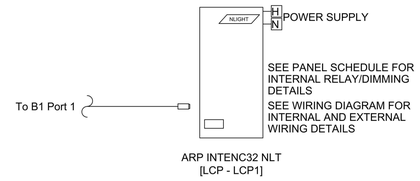
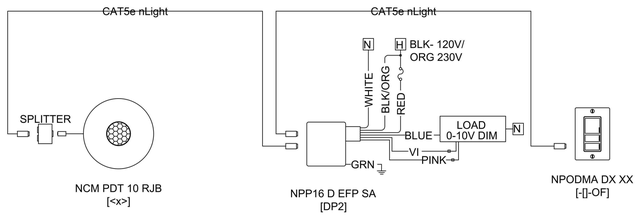


2 TYPICAL LIGHTING CONTROL PANEL
N.T.S.



5 TYPICAL LIGHTING CONTROL SCHEME - "OF"
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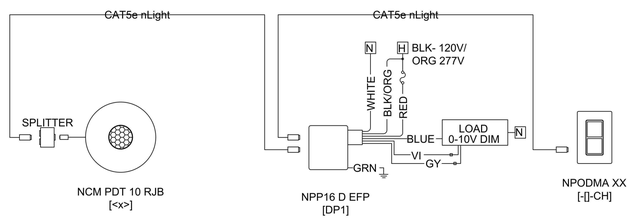

6 TYPICAL LIGHTING CONTROL SCHEME - "CH"
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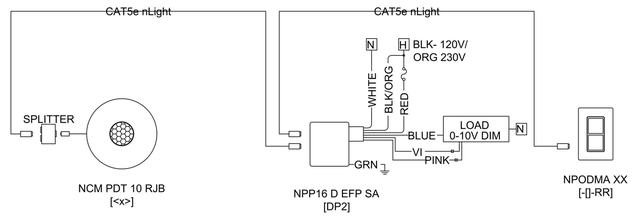

7 TYPICAL LIGHTING CONTROL SCHEME - "RR"
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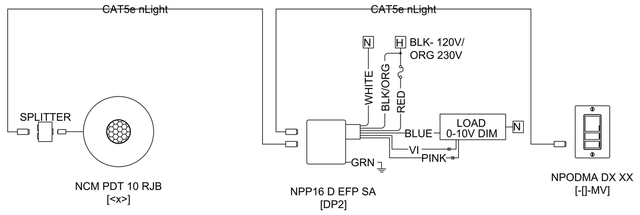

8 TYPICAL LIGHTING CONTROL SCHEME - "MV"
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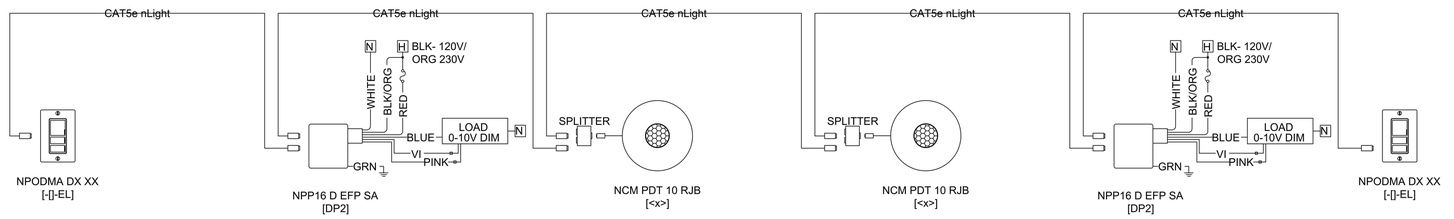

9 TYPICAL LIGHTING CONTROL SCHEME - "EL"
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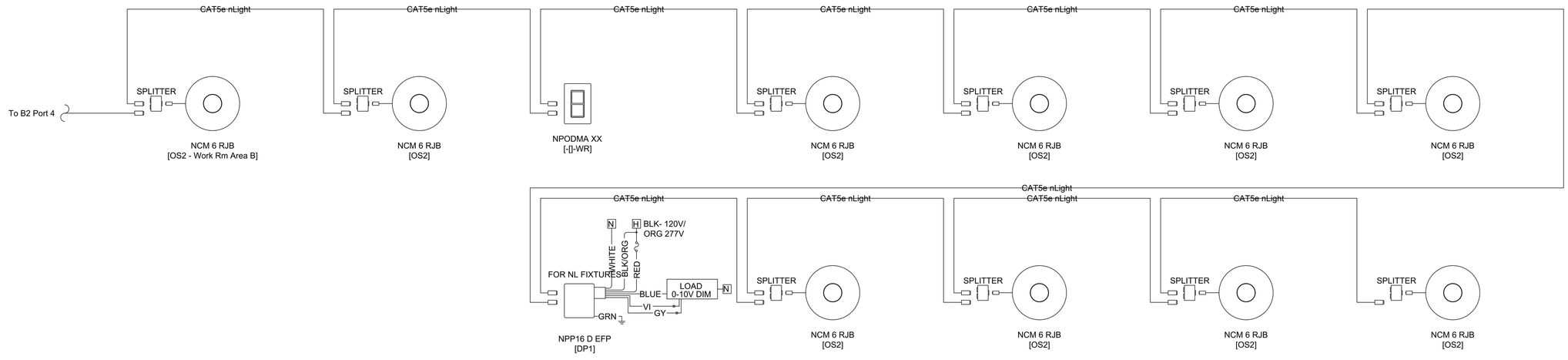

10 TYPICAL LIGHTING CONTROL SCHEME - "WR"
N.T.S.

FOR REFERENCE ONLY

LIGHTING CONTROL DETAILS REPRESENT TYPICAL CONTROL SCHEMES. COORDINATE PROJECT-SPECIFIC REQUIREMENTS WITH DRAWINGS, LIGHTING VENDOR, AND EXISTING CONDITIONS.

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ELECTRICAL DETAILS

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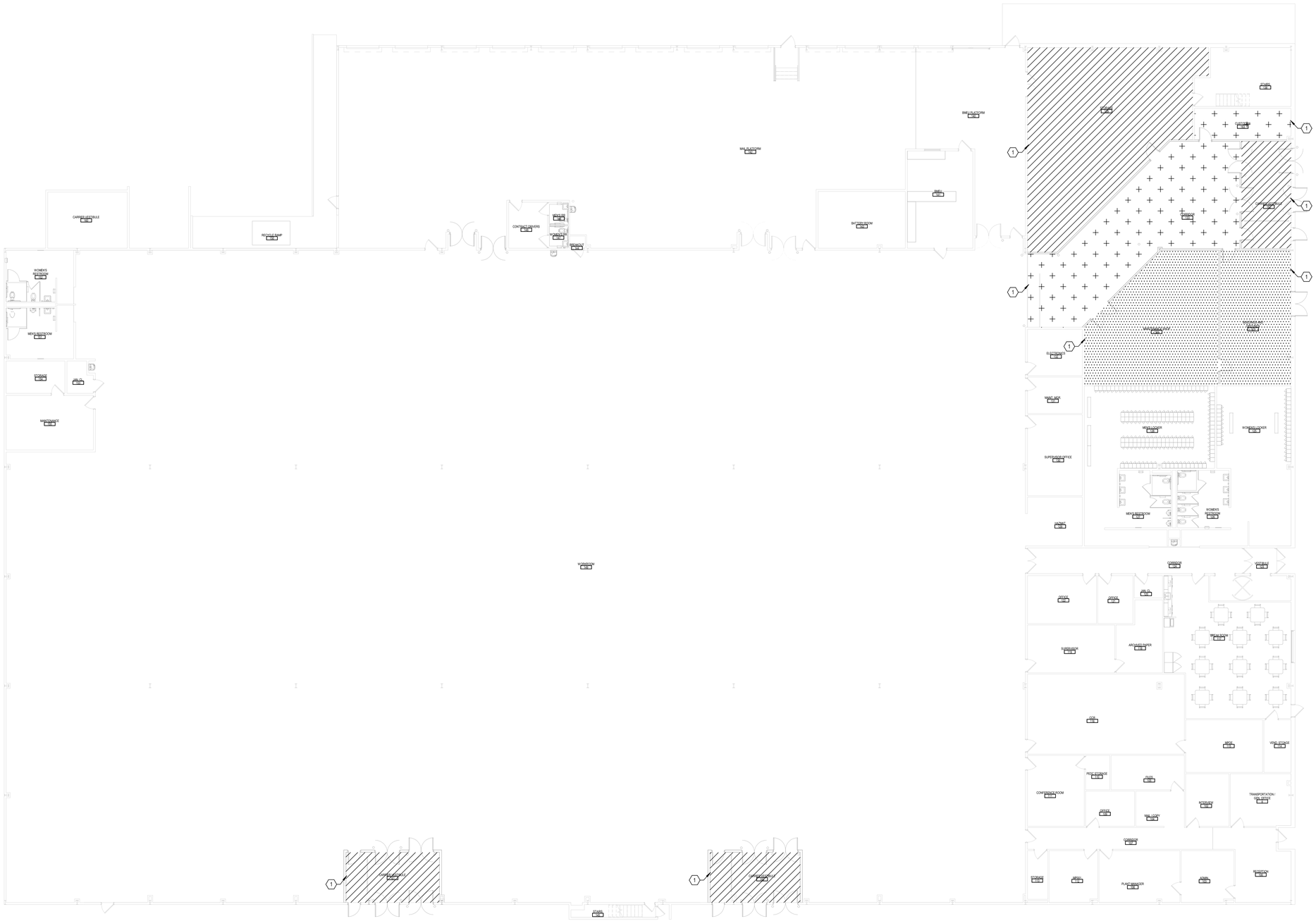

1 FIRE PROTECTION - OVERALL PLAN
3/32" = 1'-0"

FIRE PROTECTION NOTES

1. THE COMPLETE FIRE PROTECTION SPRINKLER INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ALL STATE, LOCAL AND NATIONAL CODES. ALL APPLICABLE SECTIONS OF THE NATIONAL FIRE PROTECTION ASSOCIATION, AND DIVISION 13 SPECIAL CONSTRUCTION. NOTE: THE MOST STRINGENT SPECIFICATION REQUIREMENTS APPLY.
2. PROVIDE COVERAGE PER NFPA 13 REQUIREMENTS.
3. PROVIDE AND INSTALL DESIGN-BUILD SYSTEM TO MEET CODE REQUIREMENTS. PREPARE HYDRAULIC CALCULATIONS AND DESIGN DRAWINGS. OBTAIN ALL PERMITS, INSPECTIONS AND APPROVALS.
4. PROVIDE FIRE STOPPING AT WALL PENETRATIONS, IF REQUIRED. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
5. PROVIDE AND INSTALL CONCEALED SPRINKLER TYPES WITH WHITE FINISH IN ALL AREAS WITH FINISHED CEILINGS AND UPRIGHT SPRINKLER HEADS FOR AREAS WITHOUT CEILINGS.
6. REFER TO REFLECTED CEILING PLANS, MECHANICAL PLANS AND EXISTING CONDITIONS FOR COORDINATION AND PLACEMENT OF SPRINKLER HEADS AND PIPING. LIGHTING WILL HAVE HIGHEST PRIORITY.
7. SPRINKLER HEADS THAT ARE LOCATED IN THE ACOUSTICAL PANELS OF THE CEILING GRID SHALL BE IN THE CENTER OF THE PANEL. THE EXACT LOCATION OF THE SPRINKLER HEADS SHALL BE DETERMINED AFTER CEILING GRID IS INSTALLED. DO NOT USE THE CEILING GRID PLANS TO DETERMINE THE LOCATION OF THE SPRINKLER HEADS.
8. HYDRANT TEST DATA TO BE DETERMINED BY FIRE PROTECTION CONTRACTOR. REFER TO "SUPPRESSION FLOW & PRESSURE DATA" NOTE ON THIS SHEET FOR ADDITIONAL INFORMATION.
9. ALL ELECTRICAL CIRCUITS REQUIRED FOR EACH FIRE DETECTION SYSTEM, WATER FLOW ALARM AND VALVE SUPERVISION WIRING SHALL BE CHECKED BY THE FIRE PROTECTION CONTRACTOR TO ENSURE PROPER OPERATION. SPRINKLER SUPERVISORY DEVICES WILL BE COMPATIBLE WITH THE ALARM EQUIPMENT PANEL. COORDINATE WITH FIRE ALARM CONTRACTOR.
10. THE GENERAL NOTES LISTED HERE APPLY TO ALL DEMOLITION DRAWINGS IN ADDITION TO ANY ADDITIONAL DEMOLITION DRAWING NOTES ON THE INDIVIDUAL DEMOLITION DRAWINGS.
11. IT IS RECOGNIZED THAT DRAWINGS MAY BE PLOTTED AT DIFFERENT SCALES, SUCH THAT PLOTTED DRAWINGS MAY VARY FROM ACTUAL OR INTENDED DIMENSIONS. THEREFORE, DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE SCALED. GPD TAKES NO RESPONSIBILITY FOR ERRORS REGARDING DISCREPANCIES FROM THE ORIGINAL DRAWINGS DRAWN AT THE PROPER SCALE AND THOSE DRAWINGS THAT HAVE BEEN PLOTTED.
12. IF DURING CONSTRUCTION OPERATIONS, THE FIRE PROTECTION CONTRACTOR ENCOUNTERS UTILITIES OTHER THAN THOSE LOCATIONS SHOWN IN THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER AND TAKE THE NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
13. THIS CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS.
14. ANY DISRUPTION OF ANY EXISTING SERVICE THAT SERVES THE BUILDING SHALL BE COORDINATED WITH THE OWNER PRIOR TO DISRUPTION. WORK ASSOCIATED WITH THIS SERVICE SHALL BE PERFORMED AT A TIME REQUESTED BY OWNER WHICH COULD BE PERFORMED OFF STANDARD WORKING HOURS AT NO ADDITIONAL COST TO OWNER FOR TIME OF WORK. COST TO BE INCLUDED UNDER BASE BID FOR PROJECT.
15. ALL CONTRACTORS SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS AND WITH THE OWNER. THIS INCLUDES ALL SHUTDOWNS AND DRAINING REQUIRED. FIRE PROTECTION SYSTEM SHUTDOWNS ARE ONLY TO OCCUR BETWEEN THE HOURS OF 8AM AND 5PM. THE SYSTEM SHALL BE OPERATIONAL AGAIN AFTER 5PM. THIS CONTRACTOR TO COORDINATE FIRE PROTECTION SYSTEM SHUTDOWNS WITH THE OWNER AT LEAST 24 HOURS PRIOR TO THE BEGINNING OF THE SHUTDOWN.

PLAN KEYNOTES

1. CONTRACTOR TO EXTEND EXISTING FIRE SUPPRESSION SYSTEM SERVING BUILDING INTO NEW VESTIBULE TO PROVIDE COVERAGE PER OCCUPANCY HAZARD CATEGORY AS SHOWN.

SPECIFICATIONS NOTE

ALL EQUIPMENT, MATERIALS AND INSTALLATION PRACTICES TO MEET THE REQUIREMENTS WITHIN THE SPECIFICATIONS OF THIS PROJECT

NOTE TO FIRE SUPPRESSION CONTRACTOR

1. IT IS THE SUPPRESSION CONTRACTOR'S RESPONSIBILITY TO CONTRACT/ COORDINATE THE INTERFACE BETWEEN THE EXISTING FIRE ALARM CONTROL PANEL AND FIRE SPRINKLER TO MONITOR FOR WATER FLOW ALARM.
2. IT IS THE SUPPRESSION CONTRACTOR'S RESPONSIBILITY TO CONTRACT/COORDINATE THE INTERFACE BETWEEN THE FIRE ALARM CONTROL PANEL AND THE SORTER MACHINE SHUNT-TRIP BREAKER (SDUS MACHINE). THE CABLING HAS BEEN/WILL BE PROVIDED BETWEEN THE FACP AND SDUS SHUNT-TRIP BREAKER AS PART OF THE SDUS SCOPE OF WORK. HOWEVER, THE REQUIRED RELAY(S), POWER SUPPLY, TERMINATIONS, AND TESTING AT THE FACP TO TRIGGER DURING WATER FLOW ALARM WILL NEED TO BE INCLUDED IN YOUR SCOPE OF WORK.

SEISMIC NOTE

THIS PROJECT IS LOCATED IN A SEISMIC REGION. CONTRACTOR TO PROVIDE AND INSTALL THE APPROPRIATE SEISMIC RESTRAINTS AND CURBS AS REQUIRED PER CODE. ALL SEISMIC RESTRAINTS SHALL BE RATED AND APPROVED FOR THE SEISMIC DESIGN CATEGORY RATING FOR THE SITE AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS IN ORDER TO MAINTAIN RATING.

FIRE SYMBOL LEGEND

SYMBOL	DESCRIPTION
	WET PIPE SPRINKLER SYSTEM LIGHT HAZARD. CONCEALED HEADS.
+	WET PIPE SPRINKLER SYSTEM LIGHT HAZARD. UPRIGHT HEADS.
	WET PIPE SPRINKLER SYSTEM ORDINARY HAZARD GROUP I. UPRIGHT HEADS.

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FP-101

FIRE PROTECTION PLAN

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