LYNNWOOD (NORTH)
6821 208TH ST SW
LYNNWOOD, WA 98036
VMF NGDV-EV UPGRADE

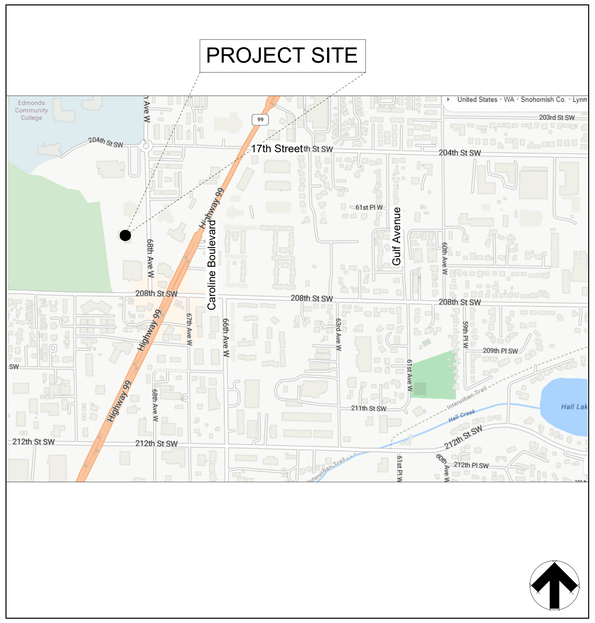
USPS FACILITIES R&A TEAM
475 L'ENFANT PLAZA SW
WASHINGTON DC, 20260-0004

FINANCE NUMBER: 544830-G01
PROJECT NUMBER: E09779
DATE: Jan 12, 2024

90% DESIGN SUBMITTAL

UNITED STATES POSTAL SERVICE

VICINITY MAP



LOCATION MAP

WSP USA INC.
211 N. BROADWAY,
ST. LOUIS, MO 63102

LYNNWOOD (NORTH)
6821 208TH ST SW
LYNNWOOD, WA 98036

90% DESIGN SUBMITTAL

Revisions:

G001 COVER SHEET

Scale: AS NOTED
Date: Jan 12, 2024
Project: LYNNWOOD (NORTH)
USPS File Number: E09779

DATE & TIME: 1/12/2024 6:38:16 PM

ABBREVIATIONS

A	
A.C.T.	ACOUSTIC CEILING TILE
A.D.	AREA DRAIN
A.F.F.	ABOVE FINISH FLOOR
A.W.P.	ACOUSTICAL WALL PANEL
AC. DR.	ACCESS DOOR
AC. PL.	ACCESS PANEL
ACCESS.	ACCESSIBLE
ADJ.	ADJUSTABLE
AGG.	AGGREGATE
ALT.	ALTERNATE or ALTERNATIVE
ALUM.	ALUMINUM
ANOD.	ANODIZED
APPROX.	APPROXIMATE(LY)
ARCH.	ARCHITECTURAL or ARCHITECT
ASPH.	ASPHALT
ATTN.	ATTENTION
B	
B.F.F	BELOW FINISH FLOOR
B.O.	BOTTOM OF
B.O.C.	BOTTOM OF CONCRETE or CURB
B.O.F.	BOTTOM OF FOOTING
B.U.R.	BUILT UP ROOFING
BD.	BOARD
BL	BUILDING LINE
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM	BEAM
BOTT.	BOTTOM
BR.	BRICK
BRG.	BEARING
C	
C.B.	CATCH BASIN
C.F.	CUBIC FEET
C.G.	CORNER GUARD
C.J.	CONTROL JOINT
C.M.P.	CORRUGATED METAL PIPE
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
C.T.	CERAMIC TILE
C.T.B.	CERAMIC TILE BASE
C.Y.	CUBIC YARD
CAB.(S)	CABINET(S)
CEM.	CEMENT
CFCI	CONTRACTOR FUNISHED CONTRACTOR INSTALLED
CH.R.	CHAIR RAIL
CL or	CENTER LINE
CLG.	CEILING
CLO.	CLOSET
CLR.	COLUMN
CONC.	CONCRETE
CONF.	CONFERENCE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS or CONTINUE
CONTR.	CONTRACTOR
CPT.	CARPET
CPT.T.	CARPET TILE
CR.R	CRASH RAIL
CSK.	COUNTERSINK OR COUNTERSUNK
D	
D.	DEEP or DEPTH
D.S.	DOWNSPOUT
D.T.	DRAIN TILE
DBL.	DOUBLE
DEG.	DEGREE
DET.	DETAIL
DIA.	DIAMETER
DIAG.	DIAGONAL
DIFF.	DIFFUSER
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
DR.	DOOR
DWG.(S)	DRAWING(S)
DWL.(S)	DOWELS(S)
DWR.	DRAWER
E	
E.F.	EACH FACE
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM
E.J.	EXPANSION JOINT
E.M.	ENTRY MAT
E.P.	ELECTRICAL PANEL
E.W.	EACH WAY
E.W.C.	ELECTRIC WATER COOLER
EA.	EACH
EL.	ELEVATION
ELEC.	ELECTRIC or ELECTRICAL
ENCL.	ENCLOSURE
ENGR.	ENGINEER
EP.F.	EPOXY FLOORING
EQ.	EQUAL
EQUIP.	EQUIPMENT
EXH.	EXHAUST
EXIST.	EXISTING
EXP.	EXPOSED
EXP. AGG.	EXPOSED AGGREGATE
EXP. STR.	EXPOSED STRUCTURE
EXT.	EXTERIOR
F	
F.& I.	FURNISH & INSTALL
F.A.	FIRE ALARM
F.A.WP.	FLUID APPLIED WATERPROOFING
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.O.C.	FACE OF CONCRETE
F.P.	FIRE PROTECTION
F.R.P.	FIBERGLASS REINFORCED PANEL
F.R.P.	FIBERGLASS REINFORCED PLASTIC
FAB.	FABRIC
FBGL.	FIBERGLASS
FIN.	FINISH
FIN. FLR.	FINISH FLOOR
FL.	FLOW LINE
FLASH.	FLASHING
FLR.	FLOOR
FLUOR.	FLUORESCENT
FND.	FOUNDATION
FR.	FRAME
FRT.	FIRE RETARDANT
FT.	FEET or FOOT
FTG.	FOOTING
FUR.	FURRING
G	
G.B.	GRAB BAR
G.C.	GENERAL CONTRACTOR
G.D.	GRID
G.M.B.	GLASS MARKER BOARD
G.O.	GLASS OPENING
GA.	GAUGE
GAL.	GALLON
GALV.	GALVANIZED
GL.	GLASS
GND.	GROUND
GR.	GRADE
GT.	GROUT
GYP.BD.	GYPSUM BOARD
H	
H.	HIGH
H.B.	HOSE BIBB
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
H.P.	HIGH POINT
H.V.A.C.	HEATING, VENTILATING AND AIR CONDITIONING
HD.	HEAD
HDCP.	HANDICAP
HDW.	HARDWARE
HDWD.	HARDWOOD
HN.R.	HANDRAIL
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
I	
I.D.	INISIDE DIAMETER
IN.	INCH
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
J	
JAN.	JANITOR CLOSET
JST.	JOIST
JT.	JOINT
K	
KIT.	KITCHEN
L	
L.F.	LINEAR FEET or LINEAR FOOT
L.L.H.	LONG LEG HORIZONTAL
L.L.V.	LONG LEG VERTICAL
L.P.	LOW POINT
LAM.	LAMINATE or LAMINATED
LAV.	LAVATORY
LBR.	LUMBER
LKR.	LOCKER
LKR.	LOCKER
LOC.	LOCATION
LT.	LIGHT
M	
M.B.	MOP BASIN
M.B.	MOP BASIN
M.D.F.	MEDIUM DENSITY FIBERBOARD
M.O.	MASONRY OPENING
M.T.	METAL TRIM
MACH.	MACHINE
MAS.	MASONRY
MATL.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MEMB.	MEMBRANE
MEZZ.	MEZZANINE
MFG.	MANUFACTURING
MFR.	MANUFACTURER or MANUFACTURED
MH.	MANHOLE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MTD.	MOUNTED
MTL.	METAL
MULL.	MULLION
MW.	MILLWORK
N	
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NEG.	NEGATIVE
NO. or #	NUMBER
NOM.	NOMINAL
O	
O.A.	OVERALL or OUTSIDE AIR
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.H.	OPPOSITE HAND
o/	OVER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFF.	OFFICE
OFOI	OWNER FURNISHED OWNER INSTALLED
OH.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
P	
P.B.	PORCELAIN TILE BASE
P.F.T.	PORCELAIN FLOOR TILE
P.LAM.	PLASTIC LAMINATE or PLASTIC LAMINATED
P.S.F.	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCH
P.T.D.	PAPER TOWEL DISPENSER
P.T.R.	PAPER TOWEL RECEPTACLE
P.V.C.	POLYVINYLCHLORIDE
P.W.T.	PORCELAIN WALL TILE
PART.	PARTICAL
PARTN.	PARTITION
PC.	PIECE
PERIM.	PERIMETER
PL.	PLATE or PROPERTY LINE
PLAS.	PLASTER
PLBG.	PLUMBING
PLYWD.	PLYWOOD
PNL.	PANEL
PO.T.	PORCELAIN TILE
POL.	POLISHED
PORT.	PORTABLE
PR.	PAIR
PRCST.	PRECAST
PREFAB.	PREFABRICATED
PREFIN.	PREFINISHED
PROP.	PROPERTY
PT.	PAINT or PAINTED
PT.E.	EPOXY PAINT
Q	
Q.T.	QUARRY TILE
Q.T.B.	QUARRY TILE BASE
QTR.	QUARTER
QZ.	QUARTZ SURFACE
R	
R.	RISER
R.A.	RETURN AIR
R.B.	RUBBER BASE
R.C.P.	REINFORCED CONCRETE PIPE
R.D.	ROOF DRAIN
R.F.	RUBBER FLOORING
R.O.	ROUGH OPENING
R.R.	RESTROOM
R.T.	RESILIENT TILE
RAD.	RADIUS
RB.S.T.	RUBBER STAIR TREAD
RB.T.	RUBBER TILE
RE.	REFER TO
REF.	REFERENCE
REFR.	REFRIGERATOR
REINF.	REINFORCE, REINFORCED or REINFORCING
REQ'D.	REQUIRED
REV.	REVISION or REVISED
RM.	ROOM
RND.	ROUND
S	
S.A.	SUPPLY AIR
S.A.B.	SOUND ATTENUATION BLANKETS
S.CONC.	SEALED CONCRETE
S.D.	SMOKE DETECTOR
S.D.T.	STATIC DISSIPATIVE TILE
S.N.R.	SANITARY NAPKIN RECEPTACLE
S.P.M.R.	SINGLE-PLY MEMBRANE ROOF(ING)
S.S.M.	SOLID SURFACE MATERIAL
S.T.C.	SOUND TRANSMISSION COEFFICIENT
S.V.	SHEET VINYL
S/V	STAIN & VARNISH
SAN.	SANITARY
SCHED.	SCHEDULE
SECT.	SECTION
SH.	SHELF
SHR.	SHOWER
SHT.	SHEET
SIM.	SIMILAR TO
SP.D.	SOAP DISPENSER
SPEC.	SPECIFICATION(S)
SQ.	SQAURE
SQ.FT.	SQUARE FEET
ST.	STAIN
ST.STL.	STAINLESS STEEL
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURE or STRUCTURAL
SUSP.	SUSPENDED
T	
T.	TREAD
T.& B.	TOP & BOTTOM
T.& G.	TONGUE & GROOVE
T.B.	TACK BOARD
T.O.	TOP OF
T.O.C.	TOP OF CONCRETE or CURB
T.O.M.	TOP OF MASONRY
T.O.P.	TOP OF PANEL or PAVING
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
T.P.	TOILET PARTITION
T.S.	TRANSITION STRIP
T.T.D.	TOILET TISSUES DISPENSER
TC	TIME CLOCK
TELE.	TELEPHONE
TEMP.	TEMPERED or TEMPORARY
THK.	THICK
THRU.	THROUGH
TRANS.	TRANSFORMER
TV	TELEVISION
TYP.	TYPICAL
U	
U.N.O.	UNLESS NOTED OTHERWISE
U.REFR.	UNDERCOUNTER REFRIGERATOR
U.S.D.	UNDERSIDE OF DECK
UL	UNDERWRITERS LABORATORY
UNFIN.	UNFINISHED
UR.	URINAL
UTIL.	UTILITIES
V	
V.	VINYL
V.B.	VINYL BASE
V.C.T.	VINYL COMPOSITION TILE
V.S.R.	VINYL STAIR RISERS
V.S.T.	VINYL STAIR TREADS
V.T.	VINYL TILE
V.T.S.	VINYL TRANSITION STRIPS
VERT.	VERTICAL
VEST.	VESTIBULE
W	
W.	WIDE or WIDTH
W.B.	WHITE BOARD
W.C.	WATER CLOSET
W.F.	WOOD FLOORING
W.GL.	WIRE GLASS
W.H.	WATER HEATER
W.P.	WORKING POINT
W.T.	WINDOW TREATMENT
W.W.F.	WELDED WIRE FABRIC
W/	WITH
W/O	WITHOUT
WD.	WOOD
WD.B.	WOOD BASE
WIN.	WINDOW
WSCOT.	WAINSCOT
WT.	WEIGHT
Y	
Y.D.	YARD DRAIN
Y.H.	YARD HYDRANT
YD.	YARD

ARCHITECTURAL GRAPHIC SYMBOLS

ROOM NAME
101
ROOM NUMBER & NAME

BAY
01
SERVICE BAY TAG

Ref / Ref
XX
AD101
Ref / Ref
EXTERIOR ELEVATION REFERENCE

1
A101
SIM
DETAIL / CALLOUT REFERENCE

0
COLUMN CENTER LINE

0
EXISTING COLUMN CENTER LINE

REFERENCE NUMBER OF DRAWING
DRAWING TITLE
1
A101
VIEW NAME
SCALE: 1/8" = 1'-0"
DRAWING SCALE
SHEET NUMBER OF DRAWING

A3-02A
Match line
A3-02A
Match line
MATCH LINE REFERENCE

P1a
PT-1
PARTITION TYPE

?
KEYED NOTE SYMBOL

#
LIFT TAG

EQXXX
FURNITURE, FIXTURES, EQUIPMENT

1t
GLAZED OPENING REFERENCE

1
DRAWING REVISION

VCT-1
CPT-1
TS-1
FLOOR MATERIAL REFERENCE

MATERIALS LEGEND

EARTH
CONCRETE
SAND
CONCRETE MASONRY UNIT
BRICK
RIGID INSULATION
GRAVEL
BATT INSULATION
ROUGH LUMBER
WOOD BLOCKING

GENERAL NOTES

1. EEXISTING CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM EXISTING DRAWINGS AND FIELD SURVEY AND SHALL NOT BE CONSTRUED AS "AS-BUILT." THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
2. ALL DIMENSIONS ARE FINISHED DIMENSIONS TO FACE OF GYP. BOARD, CMU WALLS, ETC. UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY ARCHITECT AND OWNER OF ALL DISCREPANCIES PRIOR TO COMMENCING WORK.
4. CONTRACTOR SHALL VERIFY AND BECOME FAMILIAR W/ ALL EXISTING CONDITIONS.
5. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS INCLUDING THE BUILDING AND MAINTENANCE OF (DUST TIGHT PARTITIONS, DAILY VACUUMING, MOPPING, FLOOR MATS AND PROVISIONS OF CLEAN FLOOR MATS AT PROJECT ENTRANCES) TO PREVENT THE INFILTRATION OF DIRT AND DUST FROM THE CONSTRUCTION AREAS INTO THE OWNER OCCUPIED AREA.
6. PATCH ALL FINISHES DISTURBED BY THE WORK AND WHERE UNFINISHED SURFACES HAVE BEEN EXPOSED BY DEMOLITION, PATCHING MUST MATCH ADJACENT MATERIALS, COLORS AND FINISHES.
7. RESTORE OR REPLACE ALL EXISTING FINISHES DAMAGED BY WORK UNDER THIS CONTRACT.
8. CHIP, GRIND AND / OR FILL EXISTING FLOOR SLABS AS REQUIRED TO PROVIDE SMOOTH LEVEL SURFACE SUITABLE FOR APPLICATIONS OF FINISH FLOOR MATERIALS, LEVEL ALL FLOORS TO WITHIN 1/8" PER FOOT TOLERANCE MAX., INCLUDING FLOOR LEVEL DIFFERENCES THAT OCCUR BETWEEN PARTITIONS SHOWN TO BE REMOVED.
9. FILL ALL DEPRESSED AREAS AND HOLES IN EXISTING CONCRETE SLABS WITH FIRE RATED NON-SHRINKING CEMENTITIOUS FILL.
10. PATCH / REPAIR FLOOR SUBSTRATE WHERE PARTITIONS, FLOOR OR FINISHES HAVE BEEN REMOVED.
11. PATCH / REPAIR FLOORS, BASES AND WALLS TO PROVIDE AN EVEN SUBSTRATE SUITABLE FOR APPLICATIONS OF SCHEDULED FINISHES AND AS REQUIRED BY FINISH MATERIAL MANUFACTURER.
12. PATCH / REPAIR ALL GAPS, HOLES, ETC. IN ALL CORRIDOR WALLS, ABOVE CEILING TO ACHIEVE A SMOKE BARRIER.
13. PLUG HOLES THROUGH FLOOR SLABS WHERE PIPES OR DUCTS HAVE BEEN REMOVED WITH FIRE RATED NON-SHRINKING GROUT, FINISH FLUSH WITH EXISTING FLOOR SLAB AND TROWEL SMOOTH. SEE MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR REMOVAL OF EXISTING PIPES, CONDUITS AND DUCTS.
14. ALL PENETRATIONS IN GYPSUM BOARD PARTITIONS SHALL BE SEALED WITH ACOUSTICAL SEALANT OR FIRE RATED ASSEMBLIES WHERE REQUIRED BY THE DRAWINGS ON BOTH SIDES OF PARTITIONS.
15. ALL NEW OPENINGS THROUGH EXISTING MASONRY WALL/PARTITIONS SHALL BE REINFORCED WITH STEEL ANGLES AS REQUIRED. VERIFY LINTEL SIZE WITH ARCHITECT AND / OR STRUCTURAL ENGINEER.
16. PROVIDE DOGLEG OFFSET IN PARTITIONS WHERE EXISTING AND / OR NEW EQUIPMENT, DUCTWORK, PIPES, ETC OCCUR TO PERMIT CONSTRUCTION OF A CONTINUOUS PARTITION TO STRUCTURE ABOVE.
17. PIPE AND COLUMN FURRING SHALL BE HELD AS CLOSE TO THE PIPING AND / OR COLUMNS AS POSSIBLE, UNLESS OTHERWISE NOTED. VERIFY CONDITIONS WITH ARCHITECT.
18. UNLESS OTHERWISE NOTED, ALL PARTITIONS, DOORS AND DOOR FRAMES IN SCHEDULED ROOMS SHALL BE CLEANED, PRIMED AND PAINTED. INCL. GRILLS, LOUVERS AND VENTS. PROTECT AND/OR REMOVE AND REINSTALL EXISTING DOOR HARDWARE PRIOR TO PAINTING.
19. WITHIN THE PROJECT LIMITS/AREA OF WORK, PAINT ALL PLASTER, GYPSUM BOARD SURFACES, CONCRETE, CONCRETE MASONRY UNITS, STEEL, ETC. - UNLESS OTHER FINISHES ARE SCHEDULED.
20. WITHIN THE PROJECT LIMITS, PAINT ALL EXPOSED NEW AND EXISTING PIPING, CONDUIT, WIREMOLD, ELECTRICAL PANELS, DUCTWORK, EQUIPMENT ACCESS PANELS, HANGER SUPPORTS, UNISTRUT ETC -TO MATCH WALL FINISHES,UNLESS OTHERWISE NOTED.
21. SEE MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS TO DETERMINE QUANTITIES OF DIFFUSERS, GRILLES, LIGHT FIXTURES, SPRINKLER HEADS, ETC. THE LOCATIONS OF CEILING MOUNTED DIFFUSERS, GRILLES, SPRINKLER HEADS, FIXTURES, ETC NOT SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLANS MUST BE VERIFIED WITH THE ARCHITECT/ENGINEER PRIOR TO THE INSTALLATION. NOTIFY ARCHITECT OF ANY CONFLICTS.
22. SEE MECHANICAL DRAWINGS FOR DUCT PENETRATIONS THRU PARTITIONS AND PROVIDE REQUIRED OPENINGS. SUCH OPENINGS SHALL BE FRAMED WITH STUD TRACK AND METAL TRIM. CAULK PERIMETER AFTER INSULATION OF DUCT WORK ON BOTH SIDES OR PARTITION. PROVIDE FIRE RATED SEALANT AT ALL RATED PARTITIONS ON BOTH SIDES.
23. OWNER SUPPLIED EQUIPMENT AND / OR FURNITURE ITEMS ARE INDICATED WITH DASHED LINES AND/OR MARKED WITH AN (*).
24. WITHIN THE PROJECT LIMITS, CLEAN, PRIME, AND PAINT ALL EXISTING LOWER BUMPERS. INSTALL NEW UPPER BUMPERS WHERE THERE ARE LOWER BUMPERS
25. ALL INTERIOR COLUMNS, CLEAN, PRIME, AND PAINT. (TYP.)LOCATIONS IN WORKROOM
26. ALL WALL, DOOR, AND CEILING MOUNTED SIGNAGE TO BE REPLACED
27. ALL PENETRATIONS TO BE 2-HR FIRE-RATED PER USPS MPF SPECIFICATION, SECTION 3.6
28. ALL FIXTURES & MECHANICAL SYSTEMS WITHING EXISTING SERVICE AREAS WITH LIFTS AT OR BELOW 15' - 3" A.F.F. SHALL BE RELOCATED ABOVE 15' - 3" A.F.F.
29. CONTRACTOR TO VERIFY INSTALLATION SEQUENCE/PREPARE SITE FOR INSTALLATION OF OWNER INSTALLED LIFT PRIOR TO INSTALLATION OF FLOORING

SHEET INDEX	
SHEET NUMBER	SHEET NAME
GENERAL	
G001	COVER SHEET
G002	GENERAL INFORMATION
G003	LIFE SAFETY PLAN
CIVIL	
C001	GENERAL NOTES
CD100	EXISTING CONDITIONS AND DEMOLITION PLAN
C200	PROPOSED CONDITIONS
C500	DELAILS
ARCHITECTURAL	
A001	SCHEDULES
AD100	OVERALL FIRST FLOOR & MEZZANINE DEMOLITION PLAN
AD150	OVERALL FIRST FLOOR & MEZZANINE DEMOLITION REFLECTED CEILING PLAN
A100	OVERALL PROPOSED FIRST FLOOR & MEZZ. FLOOR PLAN
A150	OVERALL PROPOSED FIRST FLOOR & MEZZ. FLOOR PLAN
A200	EXTERIOR ELEVATIONS
A500	DETAILS
ELECTRICAL	
E001	ELECTRICAL GENERAL INFORMATION
ES100	ELECTRICAL SITE PLAN
ED100	ELECTRICAL DEMOLITION PLAN
E100	ELECTRICAL POWER & LIGHTING PLANS
E400	ELECTRICAL ONE-LINE DIAGRAM
E401	ELECTRICAL SCHEDULES
E500	ELECTRICAL DETAILS

KORTE build a smart.

WSP USA INC.
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ST. LOUIS, MO 63102

UNITED STATES POSTAL SERVICE®

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G002 GENERAL INFORMATION
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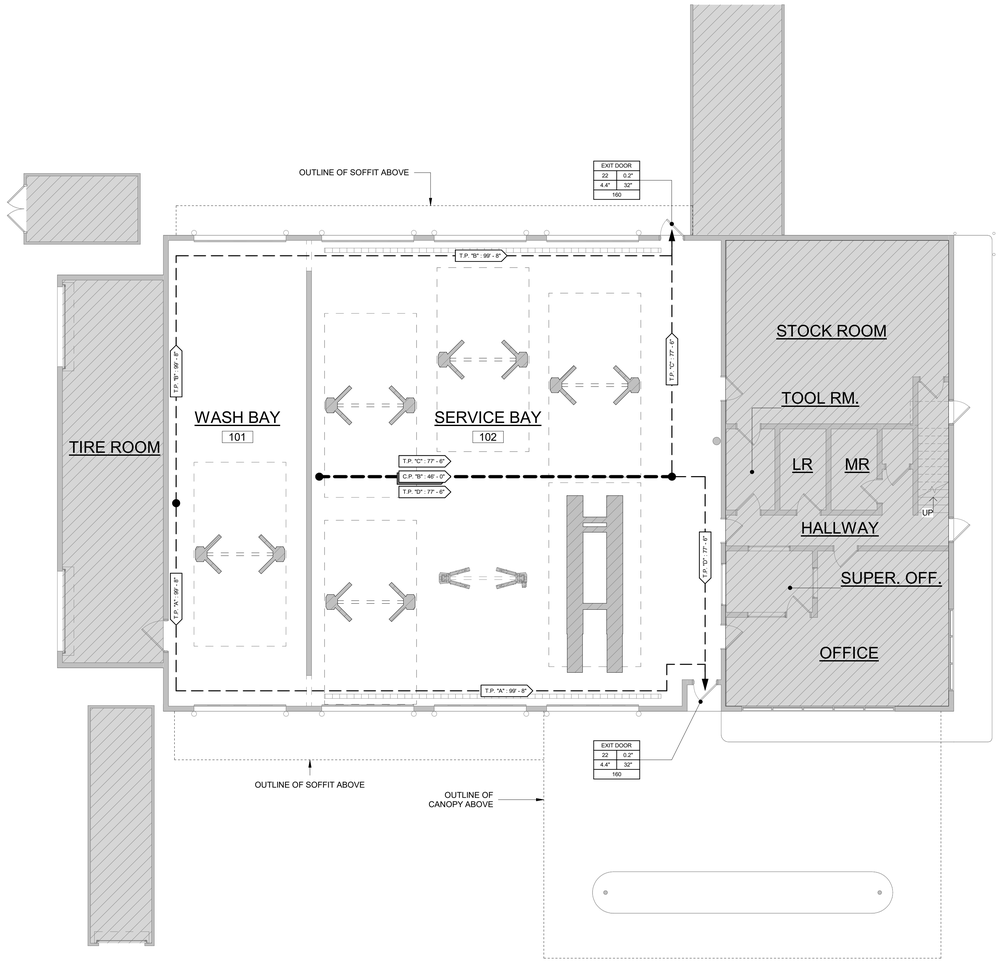


1 G003 FIRST FLOOR LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

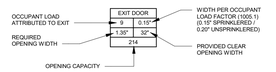
GENERAL NOTES

REFER TO G.002 FOR GENERAL NOTES

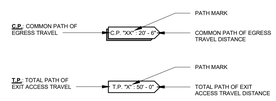
LEGEND

- NOT IN SCOPE
- COMMOM PATH OF TRAVEL
- EXIT ACCESS PATH OF TRAVEL

EXIT IDENTIFICATION SYMBOL



EGRESS TRAVEL PATH & DISTANCE SYMBOL



EGRESS ANALYSIS

(NO SPRINKLERS IN AREA OF WORK)

ROOM NUMBER	ROOM NAME	OCCUPANCY	OCCUPANT LOAD OF SPACE	MAX. OCCUPANT LOAD OF SPACE FOR (1) EXIT	EGRESS TRAVEL DISTANCE(S) / COMMON PATH DISTANCE	MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
101	WASH BAY	F1	1,094 SF/100 = 11	49	99' - 8" / --	75 FT	200 FT
102	SERVICE BAY	F1	3,217 SF/100 = 33	49	77' - 6" / 46' - 0"	75 FT	200 FT

MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (F1): 75 FT UNSPRINKLERED / 100 FT SPRINKLERED
MAXIMUM EXIT ACCESS TRAVEL DISTANCE (F1): 200 FT UNSPRINKLERED / 250 FT SPRINKLERED

PLAN NORTH

0' 4' 8' 16'
1/8" = 1'-0"

KORTE build-a-smart
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GENERAL NOTES

1. DESIGN IS BASED OFF USPS STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. IT IS THE CONTRACTOR IS RESPONSIBLE TO POSSESS AND TO BE FAMILIAR WITH THES DOCUMENTS AND SCHEDULING REQUIREMENTS APPLICABLE TO THE PROJECT.

2. DESIGN HAS INCORPORATED STATE AND LOCAL DESIGN STANDARDS, SPECIFICATIONS, AND CODES. IT IS THE CONTRACTOR IS RESPONSIBLE TO POSSESS AND TO BE FAMILIAR WITH THESE STANDARDS, REFERENCE DOCUMENTS, AND SCHEDULING REQUIREMENTS APPLICABLE TO THE PROJECT.

3. ALL WORK SPECIFIED AS A DEPARTMENT OF TRANSPORTATION ITEM SHALL BE GOVERNED BY THE WASHINGTON DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS AS WELL AS THE CURRENT EDITION OF THE LOCAL JURISDICTION STORM WATER MANAGEMENT MANUAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POSSESS AND TO BE FAMILIAR WITH APPLICABLE SECTIONS.

4. THESE CONTRACT DRAWINGS SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST.

5. CONTRACTOR TO PROVIDE COST ESTIMATE FOR SIX DIRECTIONAL SIGNS (INCLUDING BASE AND FOUNDATION) WITH LOCATION TO BE DETERMINED. SIGN K-6 OF THE USPS DIRECT VENDOR SIGNAGE CATALOG.

DEMOLITION NOTES

1. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO ANY DEMOLITION PROCESS. CERTAIN ACTIVITIES ASSOCIATED WITH CONSTRUCTION WILL REQUIRE AIR PERMITS INCLUDING BUT NOT LIMITED TO:MOBILE CONCRETE BATCH PLANTS, MOBILE ASPHALT PLANTS, CONCRETE CRUSHERS, LARGE GENERATORS, ETC.THESE ACTIVITIES WILL REQUIRE SPECIFIC WASHINGTON DEPARTMENT OF ENVIRONMENT PROTECTION OR LOCAL GOVERNING AUTHORITIES AIR PERMITS FOR INSTALLATION AND OPERATION. CONTRACTORS MUST SEEK AUTHORIZATION FROM THE CORRESPONDING GOVERNING BODIES. FOR DEMOLITION OF ALL COMMERCIAL SITES, A NOTIFICATION FOR RESTORATION AND DEMOLITION MUST BE SUBMITTED TO THE WASHINGTON DEP AND LOCAL GOVERNING AUTHORITIES TO DETERMINE ANY CORRECTIVE ACTIONS THAT MAY BE REQUIRED.

2. DEMOLITION INCLUDES THE FOLLOWING:
2.A. TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO COMMENCING DEMOLITION OPERATIONS (WHEN APPLICABLE).
2.B. DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS NECESSARY FOR THE PROPOSED CONSTRUCTION OF NEW IMPROVEMENTS.
2.C. REROUTING, RELOCATING, DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE UTILITIES IN PLACE (WHICHEVER IS APPLICABLE).

3. REMOVE AND LEGALLY DISPOSE OF ITEMS CALLED OUT TO BE REMOVED. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. THOSE ITEMS INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN SHALL BE CLEANED, SERVICED, AND OTHERWISE PREPARED FOR REUSE. CONTRACTOR TO STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED.

4. PROTECT ITEMS INDICATED TO REMAIN AGAINST DAMAGE AND SOILING THROUGHOUT CONSTRUCTION. WHEN PERMITTED BY THE CONSTRUCTION MANAGER OR OWNER, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION THROUGHOUT CONSTRUCTION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS. PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY DEMOLITION OPERATIONS AT THE CONTRACTORS COST.

5. CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION/PROJECT MANAGER INCLUDING THE FOLLOWING:
5.A. DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY.
5.B. DATES FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
5.C. IDENTIFY AND ACCURATELY LOCATE UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.

6. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING DEP/EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

7. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE THROUGHOUT CONSTRUCTION OPERATIONS.
7.A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER'S REPRESENTATIVE AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO GOVERNING AUTHORITIES.

8. LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES SERVING THE SITE. ARRANGE TO SHUT OFF AND CAP UTILITIES WITH UTILITY COMPANIES AND FOLLOW THEIR RESPECTIVE UTILITY KILL AND CAP POLICIES. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING BY THE UTILITY COMPANY.

9. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA. SAFE PASSAGE INCLUDES THE ERECTION OF TEMPORARY PROTECTION AND/OR BARRICADES AS PER LOCAL GOVERNING AUTHORITIES AND IN ACCORDANCE WITH THE CURRENT ADA REGULATIONS. USE OF EXPLOSIVES WILL NOT BE PERMITTED.

10. CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.

11. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE PERMITTED. NO BURNING OF ANY MATERIALS ON SITE SHALL BE PERMITTED.

12. IT IS NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED IN THE COURSE OF THIS CONTRACT. IF ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, DO NOT DISTURB THE MATERIALS. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER AND THE OWNER.

13. FILLING BELOW-GRADE AREAS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF PAVEMENTS, AND OTHER REMOVED ITEMS WITH SOIL MATERIALS ACCORDING TO REQUIREMENTS PER THE ON-SITE GEOTECHNICAL ENGINEER'S REPRESENTATIVE. CONTRACTOR SHALL CONTACT GEOTECHNICAL ENGINEER PRIOR TO FILLING ANY AREAS TO OBSERVE FILL PROCEDURES.

14. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY GOVERNING REGULATIONS.

15. CONTRACTOR TO WET SAWCUT EXISTING PAVEMENT TO REMAIN AT NEXT NEAREST JOINT PRIOR TO REMOVALS OF CURB, GUTTER, PAVEMENT, ETC.

16. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS WITH SMALL HANDHELD GRINDERS OR SCARIFIERS OR OTHER METHODS, WITH THE APPROVAL OF THE CONSTRUCTION MANAGER. TAKE CARE DURING MARKING REMOVAL NOT TO SCAR, DISCOLOR, OR OTHERWISE DAMAGE THE PAVEMENT SURFACE. DO NOT OVERPAINT OR USE OTHER METHODS OF COVERING MARKINGS INSTEAD OF REMOVAL.

17. WHEN NOTED AND ALLOWED BY THE OWNER, THE CONTRACTOR MAY RE-USE EXISTING WHEELSTOPS FOR THE PROPOSED SITE. CONTRACTOR AND CONSTRUCTION MANAGER SHALL COORDINATE WHICH EXISTING WHEELSTOPS MAY BE RE-USED PRIOR TO DEMOLITION. CONTRACTOR SHALL ENSURE THAT ALL RE-USED WHEELSTOPS ARE PROTECTED DURING CONSTRUCTION.

18. CONTRACTOR SHALL FULLY SECURE WORK AREA WITH THE APPROPRIATE SIGNAGE, FENCING, AND BARRICADES WHICH ACCOMMODATE VISUALLY IMPAIRED PERSONS AS AGREED UPON WITH SITE CONSTRUCTION/PROJECT MANAGER AND OWNER TO WARN AND KEEP PEOPLE OUT OF THE SITE WORK AREA FOR THE DURATION OF THE PROJECT.

GENERAL PLAN AND SURVEY NOTES

1. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.

2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SECTION OF THESE NOTES ENTITLED “GRADING PLAN NOTES."

3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.

4. ALL WORK WITHIN THE RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE GOVERNING JURISDICTION AND SPECIFICATIONS.

5. CONTRACTOR SHALL COORDINATE ANY MAINTENANCE OF TRAFFIC WITH THE OWNER'S REPRESENTATIVE AND THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION.

6. ALL WORK SHALL BE COMPLETED IN A NEAT AND ORDERLY MANNER REMOVING ALL EXCESS MATERIAL AND WASTE FROM THE SITE INCLUDING TIMELY REMOVAL OF ANY CONCRETE SPLATTER. UPON COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN THE PAVED AREAS PRIOR TO REMOVAL OF TEMPORARY SEDIMENT CONTROLS, AS DIRECTED BY THE CITY AND/OR CONSTRUCTION/PROJECT MANAGER. IF POWER WASHING IS USED, NO SEDIMENT LADEN WATER SHALL BE WASHED INTO THE STORM SYSTEM. ALL SEDIMENT LADEN MATERIAL ON PAVEMENT OR WITHIN THE STORM SYSTEM SHALL BE COLLECTED AND REMOVED FROM THE SITE AT CONTRACTOR'S EXPENSE.

7. THESE PROJECT CONSTRUCTION DOCUMENTS SHALL NOT CONSTITUTE A CONTRACTUAL RELATIONSHIP BETWEEN WSP CORPORATION AND THE CONTRACTOR/SUBCONTRACTOR/OR OTHER AFFILIATED PARTIES.

8. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION OR SAFETY, MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES UTILIZED IN CONSTRUCTION BY THE CONTRACTOR OR SUBCONTRACTORS. ANY SEQUENCING OR SUGGESTED NOTATIONS WHICH MAY APPEAR IN THE PLANS IS INTENDED TO ASSIST IN THE UNDERSTANDING OF PROJECT INTENT.

9. DETAILS, NOTES, AND OTHER REFERENCES CONTAIN HEREIN MAY HAVE BEEN ATTAINED FROM OUTSIDE REFERENCE SOURCE LOCATIONS SUCH AS, BUT NOT LIMITED TO, LOCAL AUTHORITY AGENCIES, DESIGN REFERENCE MANUALS, MANUFACTURE'S RECOMMENDED DOCUMENTATION, OR OTHER INDUSTRY SOURCES. WSP DOES NOT WARRANT INFORMATION OR REPRESENTATION OF SAID CONTENT CONTAINED HEREIN IT IS SHOWN SOLELY FOR REFERENCE ONLY OF DESIGN INTENT AT THE TIME OF PLAN PREPARATION.THE CONSTRUCTION TEAM MEMBERS (CONTRACTOR AND CONSTRUCTION MANAGER, WHERE APPLICABLE) SHALL OBTAIN THE MOST CURRENT DETAILED INFORMATION FROM THE RESPECTIVE SOURCE TO CONSTRUCT THE IMPROVEMENTS UNDER THE AUTHORITY OF THE RESPECTIVE GOVERNING AGENCIES. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN THE ORIGINAL DESIGN INTENT AND THE CONSTRUCTION TEAM OBTAINED REFERENCE MATERIAL,THE CONSTRUCTION MANAGER OR THE PROJECT'S CONTACT PERSON SHALL BE NOTIFIED PRIOR TO COMMENCING OF ASSOCIATED WORK.

10. CONDUCT CONSTRUCTION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS.

11. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE BASED ON BEST AVAILABLE INFORMATION. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO BECOME FAMILIAR WITH THE SITE'S POSSIBLE BELOW GRADE FEATURES, INCLUDING BUT NOT LIMITED TO, ROOMS, VAULTS, UTILITIES, ETC. AND SHALL CONDUCT A WALK THROUGH WITH THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR REPAIR TO DAMAGE CAUSED BY THEIR WORK FORCE TO FACILITIES WHICH ARE NOT INTENDED TO BE DISTURBED.

12. ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ON THE AS-BUILT DATA. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION/PROJECT MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.

13. THE CONTRACTOR SHALL RUN AN INDEPENDENT VERTICAL CONTROL TRAVERSE TO CHECK BENCHMARKS AND A HORIZONTAL CONTROL TRAVERSE THROUGH THE REFERENCED PROJECT CONTROL DATUM TO CONFIRM GEOMETRIC DATA. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

14. FROST DEPTH OF SITE AREA IS 18".

CONCRETE NOTES AND SPECIFICATIONS

1. ALL EXTERIOR SITE SPECIFIC PORTLAND CEMENT CONCRETE (PCC) (I.E. SIDEWALK, PAVEMENT OR CURBING) SHALL MEET THE MINIMUM REQUIREMENTS OF THE LATEST EDITIONS OF THE WASHINGTON DEPARTMENT OF TRANSPORTATION (WSDOT) AND THE AMERICAN CONCRETE INSTITUTE (ACI) SPECIFICATIONS USING THE RESPECTIVE ASTM STANDARDS FOR MATERIALS USED, MIXING, TRANSPORTATION, FORMING, PLACEMENT, CURING, AND SEALING. THE MINIMUM STRENGTH FOR NORMAL WEIGHT CONCRETE IS 4000 PSI AT 28 DAY STRENGTH. CONTRACTOR SHALL REFER TO DETAILS, NOTES, AND SPECIFICATIONS WITHIN THE CONSTRUCTION DOCUMENTS FOR VARIATIONS TO THIS SPECIFICATION. MIX DESIGN SHOP DRAWINGS SHALL BE TAILORED TO THE ACTUAL FIELD PLACEMENT CONDITIONS AND BE SUBMITTED TO THE CONSTRUCTION/PROJECT MANAGER IN ACCORDANCE WITH THE PROJECT REQUIREMENTS.

2. ALL EXTERIOR CONCRETE CURBS SHALL HAVE JOINTS PER ACI 330. CURB JOINTS ARE TO ALIGN WITH CONCRETE PAVEMENT JOINTS WHERE APPLICABLE, TYPICALLY BEING 10 FT TO 12 FT. ALL EXTERIOR VEHICULAR CONCRETE PAVEMENT AND FLATWORK SHALL HAVE CONTROL JOINTS PER TABLE BELOW AND EXPANSION JOINTS PER ACI 330 TYPICAL RECOMMENDATIONS.

SLAB THICKNESS- "T"	MAXIMUM JOINT SPACING
LESS THAN 4 INCHES	8 FEET
4 INCHES - <5 INCHES	10 FEET
5 INCHES - <6 INCHES	12.5 FEET
6 INCHES - <8 INCHES	15 FEET
8 INCHES - 10 INCHES	15 FEET

3. ALL JOINTS, INCLUDING SAWED JOINTS, SHALL BE SEALED. JOINTS SHALL BE CLEANED AND DRIED PRIOR TO SEALING. JOINT SEALING MATERIALS SHALL COMPLY WITH ASTM D 6690 FOR HOT APPLIED ELASTOMERIC, ASTM D 5893 TYPE NS FOR SILICONE RUBBER, AND TT-S-00230C FOR SINGLE COMPONENT ELASTOMERIC. SEALER WIDTH, DEPTH, AND PREPARED APPLICATION SURFACES SHALL BE PER MANUFACTURES RECOMMENDATIONS. JOINT FILLER MATERIAL SHALL CONFORM TO ASTM D1751 OR ASTM D8139 AND EXTEND THE FULL DEPTH OF CONTACTING SURFACE.

4. ALL CONCRETE PANELS SHALL BE SQUARE WITH A LENGTH TO WIDTH RATIO NO GREATER THAN 1.25 TO 1 AND HAVE A MEDIUM BROOM FINISH (TRANSVERSE, SLIP RESISTANT FOR PEDESTRIAN PATHWAYS) WHICH SHALL BE TO MINIMUM STRENGTH PRIOR TO OPENING FOR VEHICULAR TRAFFIC AREAS. STAGGERED/OFFSET JOINT, INTERIOR CORNERS, ANGLES LESS THAN 60 DEGREES, SLABS LESS THAN 18-INCHES WIDE, AND ODD SHAPES SHALL NOT BE PERMITTED. BLOCKOUTS AROUND ALL PAVEMENT CASTINGS SHALL BE PROVIDED IN ACCORDANCE WITH ACI RECOMMENDATIONS.

5. ALL JOINTING (IF) SHOWN HEREIN IS ONLY A GENERAL GUIDELINE OF DESIGN INTENT. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR FINAL LAYOUT OF THE JOINTING WHICH COINCIDES WITH THEIR MEANS AND METHODS TO ENSURE NO UNDESIRED CRACKS FORM THROUGH ANY PLACED CONCRETE. JOINTS SHALL BE APPROPRIATELY PLACED AS SOON AS POSSIBLE TO KEEP UNNECESSARY CRACKS FROM DEVELOPING. CONTRACTOR SHALL SUBMIT SHOP DRAWING OF THEIR PAVEMENT JOINT LAYOUT TO OWNER / CONSTRUCTION MANAGER PRIOR TO PLACEMENT FOR RECORD. THE CONTRACTOR SHALL REPLACE ANY CRACKED CONCRETE, WHICH HAS NOT BEEN PLACED/FINISHED IN ACCORDANCE WITH ACI STANDARDS, TO THE NEXT JOINT PAST THE EFFECTED AREA AT NO ADDITIONAL COST TO THE PROJECT WITHIN ONE YEAR OF PROJECT COMPLETION.

6. CONCRETE SHALL ARRIVE AT JOB SITE WITH APPROPRIATE W/C RATIO. NO WATER SHALL BE ADDED TO CONCRETE ON SITE WHICH EXCEEDS THE MAXIMUM ALLOWED W/C RATIO AS INDICATED BY THE WRITTEN BATCH PLANT TICKET FROM THE SUPPLIER. SUPERPLASTICIZER AND/OR OTHER ADMIXTURES MAY BE UTILIZED TO ACHIEVE DESIRED WORKABILITY OR TO ACCOUNT FOR ADVERSE PLACEMENT CONDITIONS. ADMIXTURES SHALL BE UTILIZED ONLY IN ACCORDANCE WITH THE MANUFACTURES WRITTEN INSTRUCTIONS AND MEET THE REQUIREMENTS OF ASTM C494 AND/OR ASTM C1017.

7. CONTRACTOR SHALL HAVE A MIN. 5 YEARS EXPERIENCE WITH SUCCESSFUL PLACEMENT OF CONCRETE UTILIZING POZZOLAN MATERIALS. MIX DESIGNS WHICH UTILIZED POZZOLAN MATERIALS SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE WASHINGTON DEPARTMENT OF TRANSPORTATION (WSDOT) SPECIFICATIONS AND ACI STANDARDS. FLY ASH SHALL MEET THE REQUIREMENTS OF ASTM C618, CLASS C OR CLASS F, EXCEPT THE LOSS ON IGNITION MUST NOT EXCEED 5%. SLAG CEMENT ACCORDING TO ASTM C989, GRADE 100 MINIMUM. SILICA FUME SHALL BE DRY DENSIFIED MEETING THE REQUIREMENTS OF ASTM C1240. USE OF MATERIALS SHALL BE IN ACCORDANCE WITH ACI 211.1.

8. AGGREGATES SHALL BE LOW-SHRINKAGE/WELL GRADED PER ASTM C33 AND THE LOCAL DOT SPECIFICATIONS WHICH ARE RESISTANT TO FREEZE/THAW, SULFATE ATTACK, AND ARE NOT ALKALI-CARBONATE AGGREGATES OR SUSCEPTIBLE TO ALKALI-AGGREGATE REACTIVITY. SLAG AGGREGATES SHALL NOT BE PERMITTED IN ANY CONCRETE MIX.

GENERAL UTILITY NOTES

1. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IMMEDIATELY AFTER BID IS AWARDED AND ENSURE THE UTILITY COMPANIES HAVE THE ESSENTIALS REQUIRED FOR COMPLETE SERVICE INSTALLATION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER OF ANY TIME FRAMES ESTABLISHED BY UTILITY COMPANIES WHICH WILL NOT MEET OPENING DATE.

2. CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, INVERT ELEVATION, AND CONDITION OF EXISTING UTILITIES WHICH ARE INTENDED TO BE UTILIZED AS A CONNECTION POINT FOR ALL PROPOSED UTILITIES PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO ENSURE EXISTING UTILITIES ARE IN GOOD CONDITION AND FREE FLOWING (IF APPLICABLE). IF ELEVATIONS, SIZE, OR LOCATION DIFFER FROM WHAT IS SHOWN ON PLANS, CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER IMMEDIATELY.

3. WHERE PLANS PROVIDE FOR PROPOSED WORK TO BE CONNECTED TO, OR CROSS OVER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING THE PROPOSED WORK. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE RESULTS IN A CHANGE IN THE PLAN, THE CONSTRUCTION MANAGER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED WORK WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY. PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT ITEM.

4. UTILITY SERVICE PROVIDERS RULES AND REQUIREMENTS TAKE PRECEDENCE OVER INFORMATION HEREIN. IF DISCREPANCY ARISES, CONTRACTOR SHALL FULLY COORDINATE WITH UTILITY SERVICE PROVIDER PRIOR TO START OF CONSTRUCTION.

GRADING PLAN NOTES

1. AT A MINIMUM ALL FILLED AREAS SHALL BE COMPACTED TO 98% OF STANDARD PROCTOR MAXIMUM DRY DENSITY PER A.S.T.M. TEST D-698. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 2% BELOW OPTIMUM.

DUST CONTROL NOTES

1. DUST CONTROL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. IF POSSIBLE GRADING SHALL BE DONE BY PHASING IN ORDER TO MINIMIZE THE AMOUNT OF LAND DISTURBANCE AT ONE TIME. IF PHASING IS NOT AN OPTION, DUST SHALL BE CONTROLLED WITH WATER DURING EARTHWORK OPERATIONS. AFTER EARTHWORK OPERATIONS, THE EXPOSED SOILS SHALL BE COVERED WITH STRAW OR MULCH UNTIL SEEDED.

2. DUST CONTROL OR DUST SUPPRESSANTS MAY BE USED TO PREVENT NUISANCE CONDITIONS WHEN APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. WHEN USED, SUPPRESSANTS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND IN A MANNER, WHICH PREVENTS A DISCHARGE TO WATERS OF THE STATE. SUFFICIENT DISTANCE MUST BE PROVIDED BETWEEN APPLICATIONS AND NEARBY BRIDGES, CATCH BASINS, AND OTHER WATERWAYS. APPLICATION (EXCLUDING WATER) MAY NOT OCCUR WHEN RAIN IS IMMINENT AS NOTED IN THE SHORT TERM FORECAST. OIL MAY NOT BE APPLIED FOR DUST CONTROL.

3. SUGGESTED METHODS OF CONSTRUCTION DUST CONTROL MAY INCLUDE THE FOLLOWING:
3.1. CONSTRUCTION SEQUENCING AND DISTURBING ONLY SMALL AREAS AT A TIME CAN GREATLY REDUCE PROBLEMATIC DUST FROM THE SITE. IF LAND MUST BE DISTURBED, ADDITIONAL TEMPORARY STABILIZATION MEASURES SHOULD BE CONSIDERED PRIOR TO DISTURBANCES.
3.2. APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS.
3.3. SPRAY DISTURBED SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS MAY BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
3.4 GRADED ROADWAYS AND OTHER SUITABLE AREAS MAY BE STABILIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO PROVIDE CONTROL OF SOIL EMISSIONS
3.5 EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED TO THE EXTENT POSSIBLE. SNOW FENCING OR OTHER SUITABLE BARRIER MAY BE PLACED PERPENDICULAR TO PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHTS TO CONTROL AIR CURRENTS AND BLOWING SOIL.
3.6 WHEN TEMPORARY DUST CONTROL MEASURES ARE USED; REPETITIVE TREATMENT SHOULD BE APPLIED AS NEED TO ACCOMPLISH SATISFACTORY CONTROL.
3.7 PAVED AREAS THAT HAVE ACCUMULATED SEDIMENT FROM CONSTRUCTION SHOULD BE CLEANED DAILY, OR AS NEEDED, UTILIZING A STREET SWEEPER OR BUCKET-TYPE ENDLOADER OR SCRAPER.

SPILLS AND CONTAMINATION

1. CONSTRUCTION PERSONNEL, INCLUDING SUBCONTRACTORS WHO MAY USE OR HANDLE HAZARDOUS OR TOXIC MATERIALS, SHALL BE MADE AWARE OF THE FOLLOWING GENERAL GUIDELINES REGARDING DISPOSAL AND HANDLING OF HAZARDOUS AND CONSTRUCTION WASTES:
a. PREVENT SPILLS
b. USE PRODUCTS UP
c. FOLLOW LABEL DIRECTIONS FOR DISPOSAL
d. REMOVE LIDS FROM EMPTY BOTTLES AND CANS WHEN DISPOSING IN TRASH
e. RECYCLE WASTES WHENEVER POSSIBLE
f. DON'T POUR INTO WATERWAYS, STORM DRAINS OR ONTO THE GROUND
g. DON'T POUR DOWN THE SINK, DOOR DRAIN OR SEPTIC TANKS
h. DON'T BURY CHEMICALS OR CONTAINERS
i. DON'T BURN CHEMICALS OR CONTAINERS
j. DON'T MIX CHEMICALS TOGETHER

2. ANY DISCHARGE OF PETROLEUM OR PETROLEUM PRODUCTS OF LESS THAN 25 GALLONS ONTO A PERVIOUS SURFACE SHALL BE LEGALLY REMOVED AND PROPERLY TREATED OR PROPERLY DISPOSED OF, OR OTHERWISE REMEDIATED, SO THAT NO CONTAMINATION FROM THE DISCHARGE REMAINS ON-SITE. SPILLS OF 25 GALLONS OR MORE OF PETROLEUM PRODUCTS SHALL BE REPORTED TO THE WASHINGTON EPA, THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE DISCOVERY OF THE RELEASE. ALL SPILLS WHICH CONTACT WATERS OF THE STATE MUST BE REPORTED TO THE WASHINGTON EPA.

3. SPILL REPORTING REQUIREMENTS: SPILLS ON PAVEMENT SHALL BE ABSORBED WITH SAWDUST OR KITTY LITTER AND DISPOSED OF WITH THE TRASH AT A LICENSED SANITARY LAND FILL. HAZARDOUS OR INDUSTRIAL WASTES SUCH AS MOST SOLVENTS, GASOLINE, OIL-BASED PAINTS, AND CEMENT CURING COMPOUNDS REQUIRE SPECIAL HANDLING. SPILLS SHALL BE REPORTED TO THE WASHINGTON EPA.

4. CONTAINERS SHALL BE PROVIDED FOR THE PROPER COLLECTION OF ALL WASTE MATERIAL INCLUDING CONSTRUCTION DEBRIS, TRASH, PETROLEUM PRODUCTS AND ANY HAZARDOUS MATERIALS USED ON-SITE. CONTAINERS SHALL BE COVERED AND NOT LEAKING. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THAT MATERIAL. CONSTRUCTION DEMOLITION AND DEBRIS (CD&D) WASTE MUST BE DISPOSED OF AT THE WASHINGTON EPA APPROVED CD&D LAND FILL.

5. PROCESS WASTE WATER/LEACHATE MANAGEMENT : EPA'S CONSTRUCTION GENERAL PERMIT ONLY ALLOWS THE DISCHARGE OF STORM WATER AND DOES NOT INCLUDE OTHER WASTE STREAMS/DISCHARGES SUCH AS VEHICLE AND/OR EQUIPMENT WASHING, ON-SITE SEPTIC LEACHATE CONCRETE WASH OUTS, WHICH ARE CONSIDERED PROCESS WASTEWATERS. ALL PROCESS WASTEWATERS MUST BE COLLECTED AND PROPERLY DISPOSED AT AN APPROVED DISPOSAL FACILITY. IN THE EVENT, LEACHATE OR SEPTAGE IS DISCHARGED; IT MUST BE ISOLATED FOR COLLECTION AND PROPER DISPOSAL AND CORRECTIVE ACTIONS TAKEN TO ELIMINATE THE SOURCE OF WASTE WATER.

6. WASTES GENERATED BY CONSTRUCTION ACTIVITIES (I.E. CONSTRUCTION MATERIALS SUCH AS PAINTS, SOLVENTS, FUELS, CONCRETE, WOOD, ETC) MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS. HAZARDOUS AND TOXIC SUBSTANCES ARE USED ON VIRTUALLY ALL CONSTRUCTION SITES. GOOD MANAGEMENT OF THESE SUBSTANCES IS ALWAYS NEEDED.

7. NO CONSTRUCTION RELATED WASTE MATERIALS ARE TO BE BURIED OR BURNED ON-SITE.

8. HANDLING CONSTRUCTION CHEMICALS: MIXING, PUMPING, TRANSFERRING OR OTHER HANDLING OF CONSTRUCTION CHEMICALS SUCH AS FERTILIZER, LIME, ASPHALT, CONCRETE DRYING COMPOUNDS, AND ALL OTHER POTENTIALLY HAZARDOUS MATERIALS SHALL BE PERFORMED IN AN AREA AWAY FROM ANY WATERCOURSE, DITCH OR STORM DRAIN.

9. EQUIPMENT FUELING AND MAINTENANCE, OIL CHANGING, ETC., SHALL BE PERFORMED AWAY FROM WATERCOURSES, DITCHES OR STORM DRAINS, IN AN AREA DESIGNATED FOR THAT PURPOSE. THE DESIGNATED AREA SHALL BE EQUIPPED FOR RECYCLING OIL AND CATCHING SPILLS. SECONDARY CONTAINMENT SHALL BE PROVIDED FOR ALL FUEL OIL STORAGE TANKS. THESE AREAS MUST BE INSPECTED EVERY SEVEN DAYS AND WITHIN 24 HRS. OF A 0.5 INCH OR GREATER RAIN EVENT TO ENSURE THERE ARE NO EXPOSED MATERIALS WHICH WOULD CONTAMINATE STORM WATER. SITE OPERATORS MUST BE AWARE THAT SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) REQUIREMENTS MAY APPLY. AN SPCC PLAN IS REQUIRED FOR SITES WITH ONE SINGLE ABOVE GROUND TANK OF 660 GALLONS OR MORE, ACCUMULATIVE ABOVE GROUND STORAGE OF 1330 GALLONS OR MORE, OR 42,000 GALLONS OF UNDERGROUND STORAGE. CONTAMINATED SOILS MUST BE PROPERLY DISPOSED OF IN ACCORDANCE WITH LOCAL GOVERNING AUTHORITY REGULATIONS. SPCC PLAN AND APPROVALS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTAMINATED SOILS: IF SUBSTANCES SUCH AS OIL, DIESEL FUEL, HYDRAULIC FLUID, ANTIFREEZE, ARE SPILLED, LEAKED, OR RELEASED ONTO THE SOIL, THE SOIL SHOULD BE DUG UP AND DISPOSED OF AT LICENSED SANITARY LAND FILL OR OTHER APPROVED PETROLEUM CONTAMINATED SOIL REMEDIATION FACILITY (NOT A CONSTRUCTION / DEMOLITION DEBRIS LAND FILL). NOTE THOSE STORM WATER RUNOFFS ASSOCIATED WITH CONTAMINATED SOILS ARE NOT BE AUTHORIZED UNDER CURRENT REGULATIONS OF CONSTRUCTION ACTIVITIES.

11. CONTRACTOR SHALL TAKE PREVENTIVE MEASURES FOR WATER DISCHARGES FROM CONTAMINATED SOILS BY ANY MEANS POSSIBLE, INCLUDING THE FOLLOWING:
11.1. THE USE OF BERMS, TRENCHES, AND PITS TO COLLECT CONTAMINATED RUNOFF AND PREVENT DISCHARGES.
11.2. PUMPING RUNOFF INTO A SANITARY SEWER (WITH PRIOR WRITTEN APPROVAL OF THE SANITARY SEWER SERVICE OPERATOR) OR INTO A CONTAINER FOR TRANSPORT TO AN APPROPRIATE TREATMENT/DISPOSAL FACILITY.
11.3. COVERING AREAS OF CONTAMINATION WITH TARPS OR OTHER METHODS THAT PREVENT STORMWATER FROM COMING INTO CONTACT WITH CONTAMINATED MATERIALS.

SHEET INDEX

SHEET NUMBER	SHEET NAME
C001	GENERAL NOTES
CD100	EXISTING CONDITIONS AND DEMOLITION PLAN
C200	PROPOSED CONDITIONS
C500	DETAILS

WSP USA INC.
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314/206-4444

LYNNWOOD
6821 208TH ST SW
LYNNWOOD, WA 98036

90% DESIGN SUBMITTAL

Revisions: 0

C001 GENERAL NOTES

Scale: AS INDICATED Date: 01/10/2024
Project: LYNNWOOD
USPS Project Number: E09779

US Postal Service Facilities Department, 475 L'Enfant Plaza, Washington, D.C. 20260

CD100 EXISTING CONDITIONS AND DEMOLITION PLAN

Scale: AS INDICATED Date: 01/10/2024
Project: LYNNWOOD
USPS Project Number: E09779

Revisions:
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NOTES:

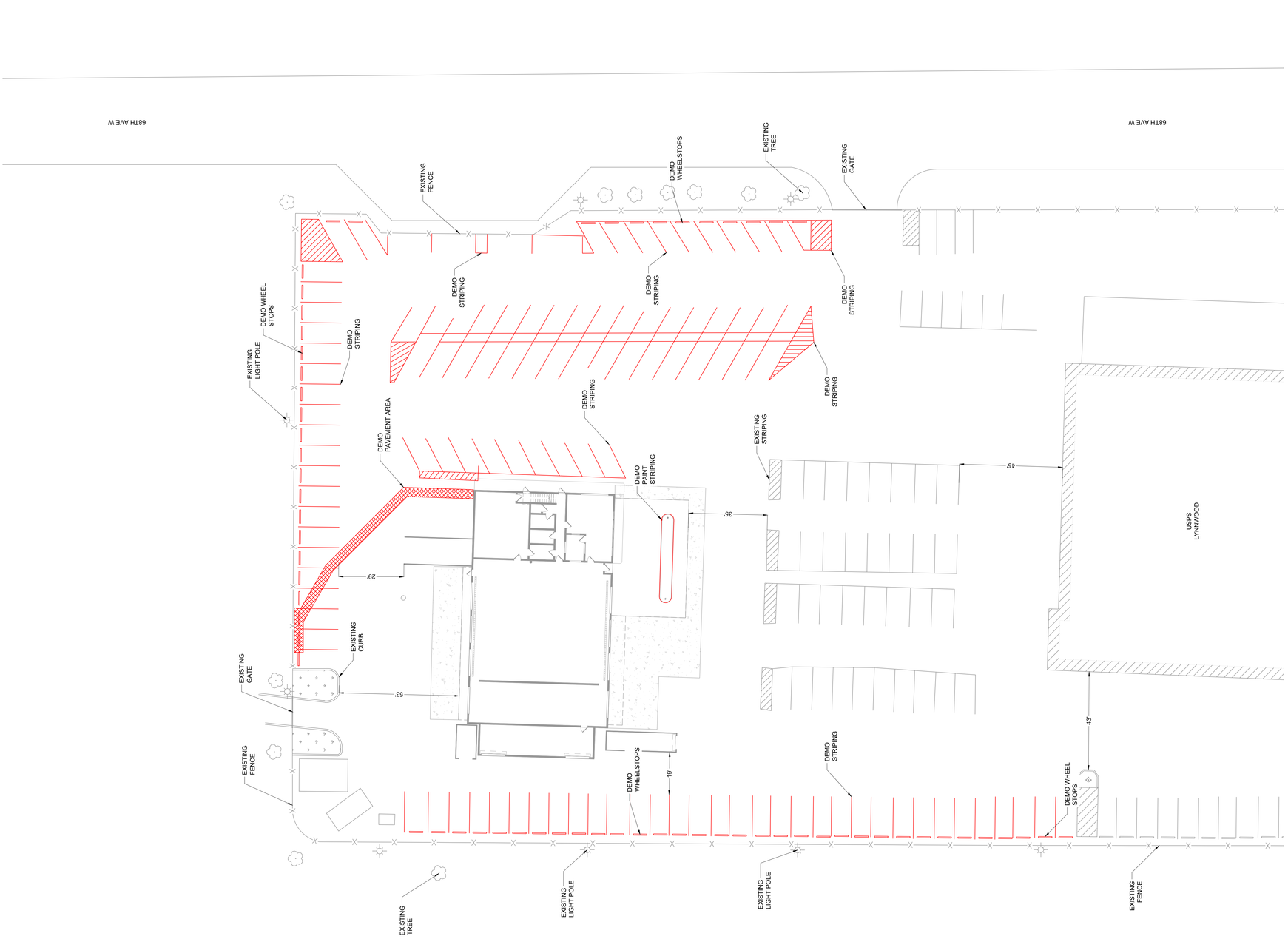
1. NO TITLE SEARCH OR PROPERTY BOUNDARY SURVEY WAS COMPLETED FOR THIS PROJECT. NO BOUNDARY LINES ARE DEPICTED ON THIS DATABASE.
2. A SUBSURFACE UTILITY INVESTIGATION HAS NOT BEEN PERFORMED BY WSP. WASHINGTON 811 SHOULD BE CONTACTED PRIOR TO COMMENCING ANY EXCAVATION. (800-424-5555). STORM AND SEWER CONNECTIONS WERE EXCLUDED FROM THIS SCOPE OF SERVICE AND ARE NOT SHOWN HEREON.
3. COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA. CONTRACTOR TO FIELD VERIFY BEFORE USING. COORDINATES SHOWN HEREON, IF ANY, ARE BASED ON THE WASHINGTON STATE PLANE COORDINATE SYSTEM. NORTH ZONE. NORTH AMERICAN DATUM OF 1983.
4. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) [GEOID 12B].
5. FINAL LOCATIONS TO BE FIELD VERIFIED PRIOR TO FINAL INSTALLATION. DEVIATIONS TO BE COORDINATED WITH OWNER AND ENGINEER.
6. CONTRACTOR TO DEMO ANY ADDITIONAL PAINT STRIPING ON SITE THAT CONFLICTS WITH NEW PROPOSED STRIPING.

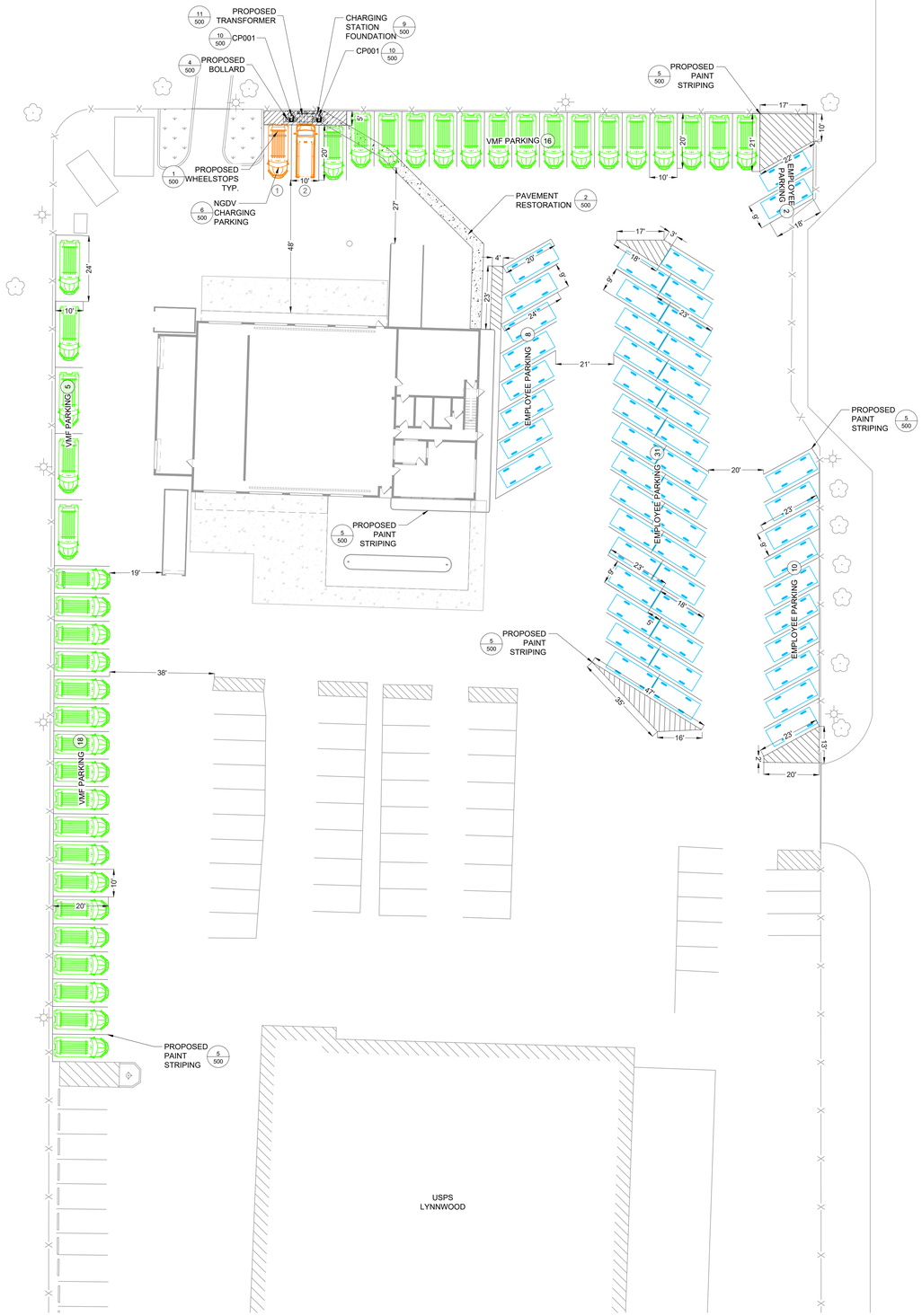
LEGEND

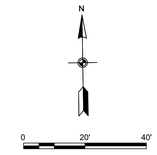
- EXISTING GRASS AREA
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING PAINT STRIPING
- EXISTING GATE
- EXISTING FIRE HYDRANT
- EXISTING BOLLARD
- EXISTING LIGHT POST
- EXISTING TREE
- DEMO PAINT
- DEMO PAVEMENT

N

0 20' 40'
SCALE: 1"=20'







SCALE: 1"=20'

LEGEND

- EXISTING GRASS AREA
- EXISTING PAINT STRIPING
- EXISTING FENCE
- EXISTING GATE
- EXISTING BOLLARD
- EXISTING LIGHT POST
- EXISTING TREE
- EXISTING FIRE HYDRANT
- PROPOSED PAINT STRIPING
- PROPOSED PAVEMENT RESTORATION
- VMF PARKING
- EMPLOYEE PARKING
- VMF CHARGING PARKING

NOTES:

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3. COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA. CONTRACTOR TO ESTABLISH BEARINGS AND COORDINATES SHOWN HEREON, IF ANY, ARE BASED ON THE WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983.
4. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) [GEOID 12B].
5. FINAL LOCATIONS TO BE FIELD VERIFIED PRIOR TO FINAL INSTALLATION. DEVIATIONS TO BE COORDINATED WITH OWNER AND ENGINEER.
6. CONTRACTOR TO REPAIR ALL SIZEABLE CRACKS ALONG EXISTING CONCRETE.
7. CONTRACTOR TO REPAINT ALL EXISTING BOLLARDS ON SITE.

PARKING SPACES		
PARKING TYPE	PROVIDED	KIT No.
EMPLOYEE PARKING	51	
VMF PARKING	39	
VMF CHARGING PARKING	2	CP001

*FINAL CHARGER SCHEDULE TO BE DEPICTED IN ELECTRICAL PLANS. ASSOCIATED CHARGER PER PARKING NUMBER TO BE DEPICTED IN ELECTRICAL PLANS.

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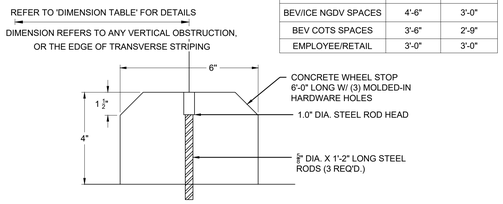
C200 PROPOSED CONDITIONS

Revisions: 0

Scale: AS INDICATED Date: 01/10/2024
Project: LYNNWOOD
USPS Project Number: E09779

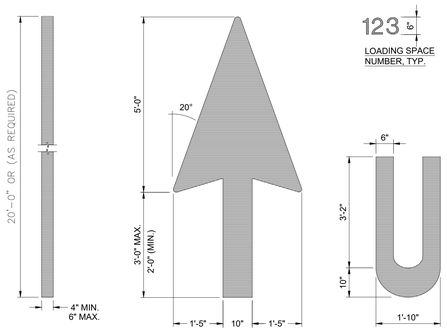
DIMENSION SUMMARY TABLE		
VEHICLE TYPE	PARKING ORIENTATION	
	REAR	FRONT
BEV/ICE NGDV SPACES	4'-6"	3'-0"
BEV COTS SPACES	3'-6"	2'-9"
EMPLOYEE/RETAIL	3'-0"	3'-0"



NOTES:

1. SEE SITE PLAN FOR LOCATION AND QUANTITY OF WHEELSTOPS.
2. SEE USPS PLAN AND THE PARKING ENLARGEMENTS FOR THE CAR PARKING ORIENTATIONS AS DESCRIBED IN THE 'DIMENSION TABLE' ABOVE.
2. WHEN APPLICABLE IN CONCRETE PAVEMENTS, WHEEL STOPS SHALL BE ANCHORED TO CONCRETE WITH HDI+ 1/4" DROP-IN ANCHORS, 1" EMBEDMENT W/ 1/4" THREADED ROD.
3. WHEELSTOP MATERIAL AND INSTALLATION SHALL BE PER 'BARCO PRODUCTS' STANDARDS AND SPECIFICATIONS (OR APPROVED EQUAL).

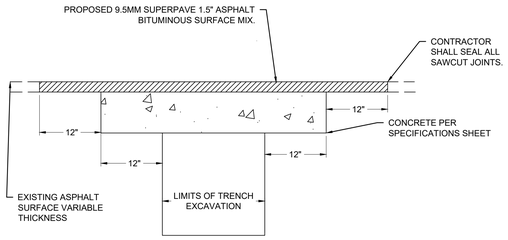
1 CONCRETE WHEEL STOP
NTS



NOTE:

1. USE NON-REFLECTIVE WHITE PAINT, TYP. BUT USE YELLOW PAINT ON CONCRETE OR OTHER SURFACES WHERE WHITE PAINT DOES NOT PROVIDE SUFFICIENT CONTRAST.

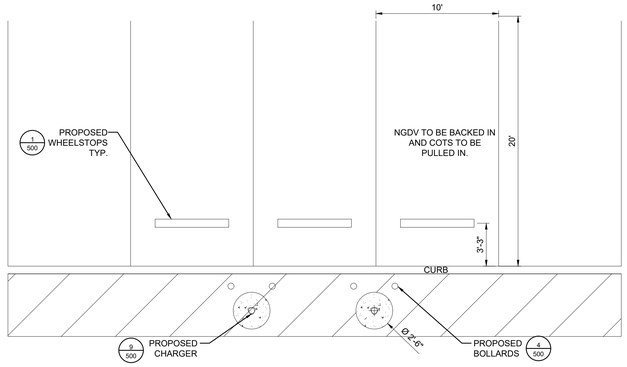
5 PAVEMENT MARKINGS
NTS



NOTE:

1. MATCH EXISTING GRADE TO FACILITATE EXISTING DRAINAGE PATTERN.

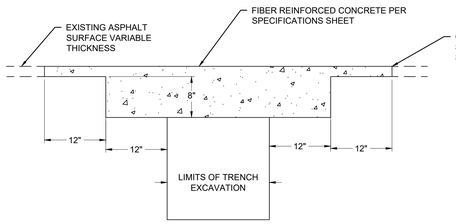
2 PAVEMENT RESTORATION SECTION
NTS



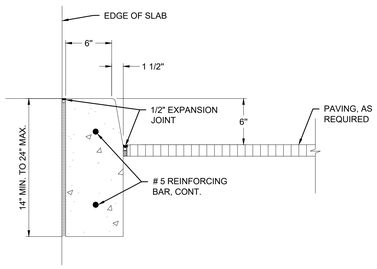
NOTE:

1. REDUCTION OF ONE OR MORE EXISTING PARKING SPOTS LIKELY TO OCCUR TO SUPPORT INSTALLATION OF EV CHARGING SPOTS.
2. COTS TO BE PULLED IN. NGDVS TO BE BACKED IN.
3. FRONT OF CHARGER TO FACE TOWARDS PARKING SPACES.

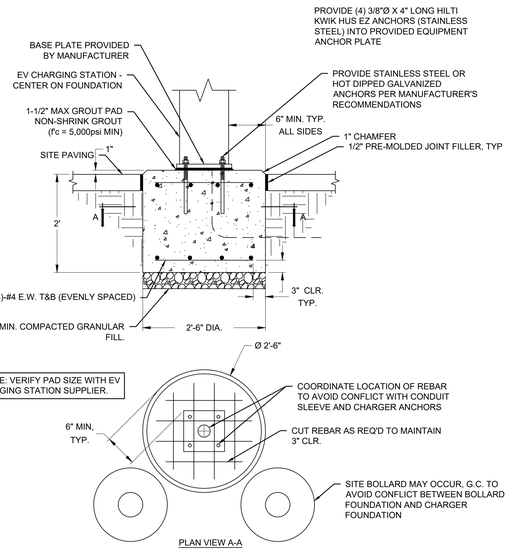
6 STANDARD NGDV PARKING DETAIL
NTS



7 CONCRETE RESTORATION SECTION
NTS



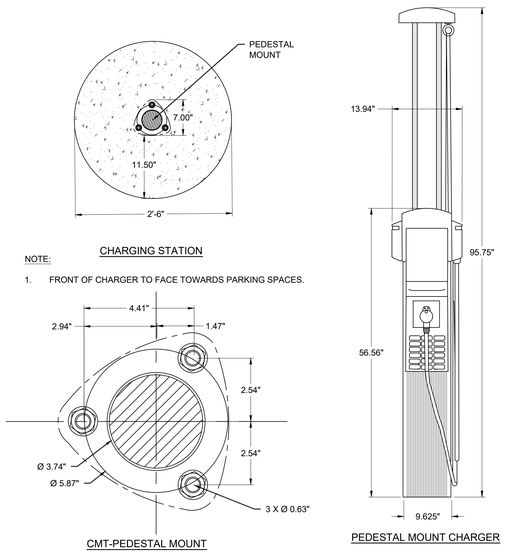
8 CURBS
NTS



NOTES:

1. CONCRETE FOUNDATIONS SHOULD BE SUPPORTED ON A 12 INCH COMPACTED LAYER OF APPROVED FREE-DRAINING GRANULAR MATERIAL.
2. APPROVED MATERIAL SHOULD BE COMPACTED OVER THE FULL WIDTH OF THE INFILL AREA UNTIL VISIBLE DEFORMATION OF THE BACKFILL CEASES.

9 CHARGING STATION FOUNDATION DETAIL
NTS



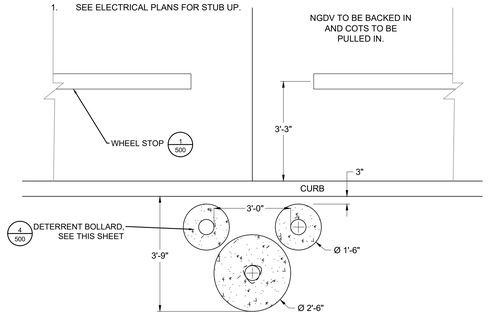
NOTE:

1. FRONT OF CHARGER TO FACE TOWARDS PARKING SPACES.

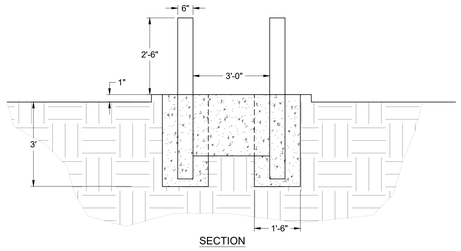
10 CHARGING STATION DETAIL
NTS

NOTE:

1. SEE ELECTRICAL PLANS FOR STUB UP.



PLAN

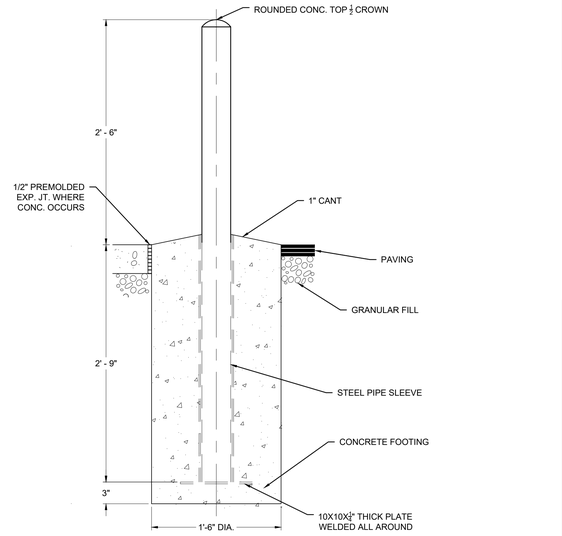


SECTION

NOTE:

1. BOLLARD PROTECTION MAY NOT BE REQUIRED AT ALL FACILITIES. DETAIL IS DEPENDENT ON SITE CONDITIONS AND FINAL LAYOUT AT THE FACILITY.

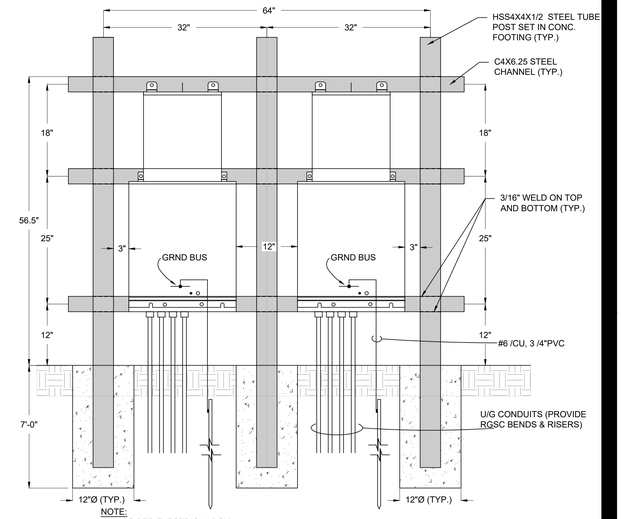
3 EV CHARGING STATION BOLLARD PROTECTION
NTS



NOTES:

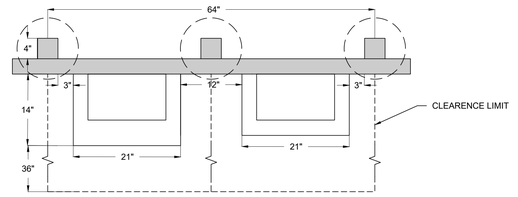
1. CONTRACTOR SHALL UTILIZE GALVANIZED COATED OR FULLY PAINT STEEL PIPE WITH AN EXTERIOR RUST INHIBITIVE PAINT PRIOR TO INSTALLATION AND TOUCH UP AFTER INSTALLATION SUCH AS SHERWIN-WILLIAMS MACROPOXY 646 FAST CURE (B58W610), IN ACCORDANCE WITH MANUFACTURERS PREPARATION REQUIREMENTS. PROVIDE A YELLOW (BLUE FOR ADA) BOLLARD COVER SUCH AS A STREET SMART SOLUTIONS POST GUARD, DOME-TOP COVER BY US-POSTMAN.COM OR APPROVED EQUAL DETERRENT BOLLARD.
2. BOLLARD PROTECTION MAY NOT BE REQUIRED AT ALL FACILITIES. DETAIL IS DEPENDENT ON SITE CONDITIONS AND FINAL LAYOUT AT THE FACILITY.
3. INCREASE DEPTH OF EXTERIOR BOLLARDS AS REQUIRED BY LOCAL FROSTLINE.

4 TYP. SITE PIPE BOLLARD
NTS



NOTE:
500 LBS PER ELECTRICAL BOX

RACK DETAIL



PLAN VIEW

11 ELECTRICAL EQUIPMENT SUPPORT
NTS

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Revisions:
-0-

C500 DETAILS

Scale: AS INDICATED Date: 01/10/2024
Project: LYNNWOOD
USPS Project Number: E09779

US Postal Service Facilities Department, 475 L'Enfant Plaza, Washington, D.C. 20260

ROOM FINISH SCHEDULE- 1ST FLOOR

NO.	ROOM NAME	FLOOR MATERIAL	FLOOR FINISH	WALLS								CEILING		REMARKS
				NORTH		EAST		SOUTH		WEST				
				MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
101	WASH BAY	CONC.	EPOXY	EXIST.	P-1	EXIST.	P-1	EXIST.	P-1	EXIST.	P-1	EXIST.	EXIST. TO REMAIN	1
102	SERVICE BAY	CONC.	EPOXY	EXIST.	P-1	EXIST.	P-1	EXIST.	P-1	EXIST.	P-1	EXIST.	EXIST. TO REMAIN	1

LIFT SCHEDULE

SERVICE BAY NUMBER	EXISTING LIFT		NEW LIFT			REMARKS
	LIFT TYPES	CAPACITY LB	LIFT NUMBER	LIFT TYPES	CAPACITY LB	

REFINISHED DOOR SCHEDULE

NO.	DOOR		FRAME		REMARKS
	MATERIAL	FINISH	MATERIAL	FINISH	
101	EXIST.	P-6	EXIST.	P-6	1, 2, 3 & 4
102	EXIST.	P-6	EXIST.	P-6	1, 2, 3 & 4
103	EXIST.	P-6	EXIST.	P-6	1, 2, 3 & 4
104	EXIST.	P-6	EXIST.	P-6	1, 2, 3 & 4
105	EXIST.	P-6	EXIST.	P-6	1, 2, 3 & 4
106	EXIST.	P-6	EXIST.	P-6	1, 2, 3 & 4
107	EXIST.	P-6	EXIST.	P-6	1, 2, 3 & 4
108	EXIST.	P-6	EXIST.	P-6	1, 2, 3 & 4

ROOM FINISH GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ROOM FINISH SCHEDULE REMARKS

1. PRESSURE CLEAN/GRIND EXISTING FLOOR AND WALL SURFACE, PATCH & REPAIR CHIPPED & CRACKED SURFACE, PREP FLOOR TO RECEIVE FLOOR FINISH AS REQUIRED PER MANUFACTURER.

DOOR SCHEDULE REMARKS

1. CONTRACTOR TO FIELD VERIFY EXISTING OPENING DIMENSIONS.
2. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO FIELD VERIFY SURROUNDING AREAS OF DOOR OPENING, RETROFIT/RELOCATE EXISTING UTILITIES/DEVICE ASSEMBLIES AS REQUIRED FOR PROPER INSTALLATION & OPERATION OF NEW DOOR.
4. PAINT BOTH SIDES AND EDGES OF ALL EXISTING HOLLOW METAL DOORS WITH P-6 PER USPS STANDARDS.

LIFT SCHEDULE REMARKS

1. REFER TO SPECIFICATION FOR LIFT MODEL INFORMATION.
2. REFER TO SHEET A500 FOR LIFT DETAILS.

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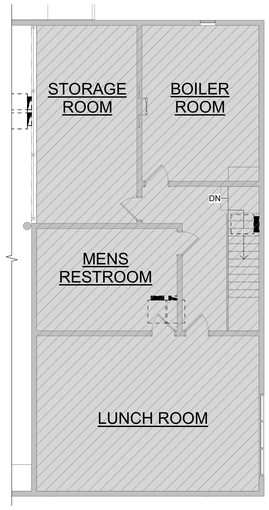
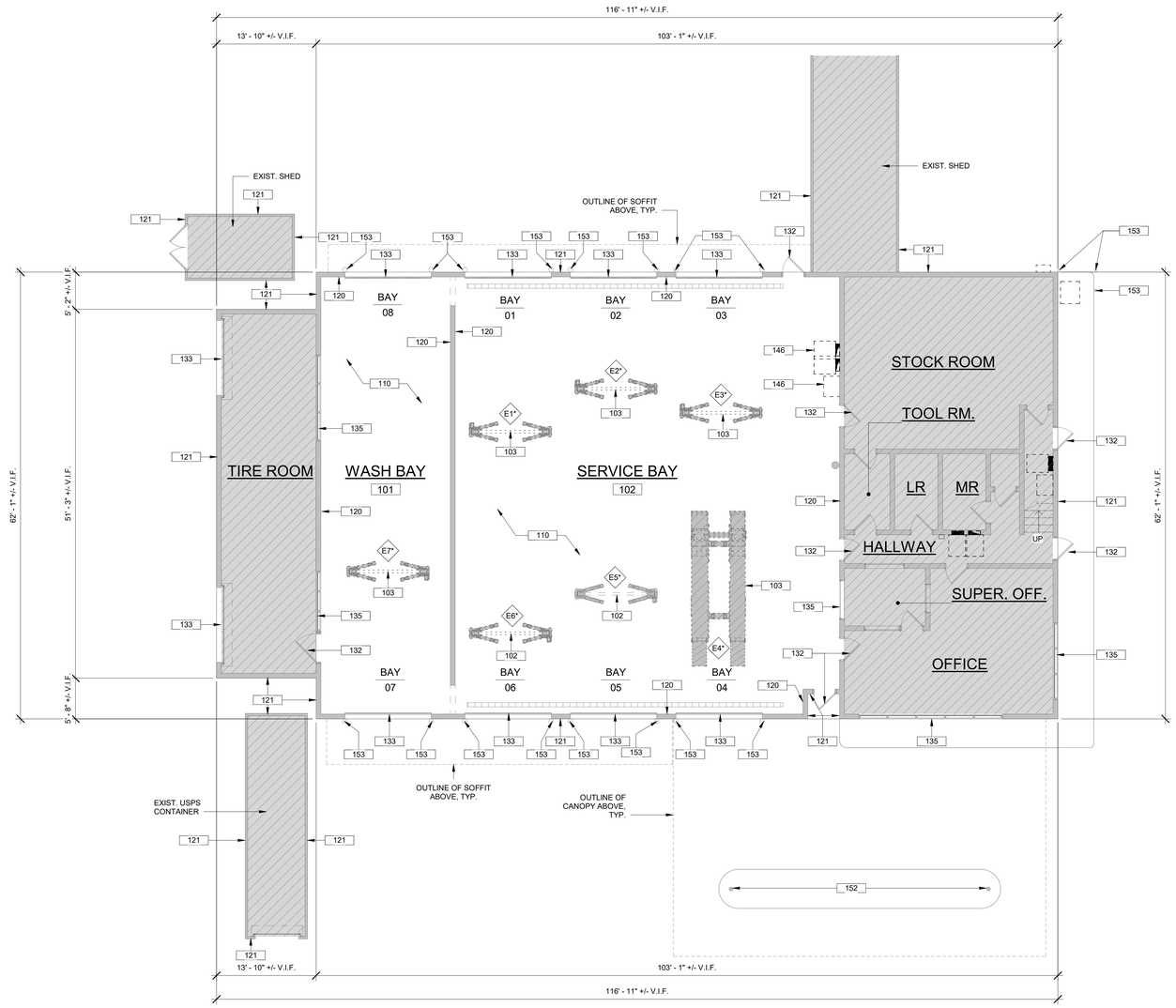
Revisions:

A001 SCHEDULES
Scale: AS NOTED
Date: Jan 12, 2024
Project: LYNNWOOD (NORTH)
USPS File Number: E09779

DATE & TIME: 1/12/2024 6:38:09 PM



2 OVERALL MEZZANINE DEMOLITION PLAN
AD100 SCALE: 1/8" = 1'-0"



1 OVERALL FIRST FLOOR DEMOLITION PLAN
AD100 SCALE: 1/8" = 1'-0"

DEMO GENERAL NOTES

ITEMS BELOW APPLY TO DASHED LINES AS INDICATED ON THE DEMOLITION PLAN UNLESS OTHERWISE NOTED.

1. THE BUILDING AREAS ADJACENT TO THE AREA OF CONSTRUCTION WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION FOR THE SAFETY AND PROTECTION OF ALL PERSONS IN THE BUILDING UNDER CONSTRUCTION FOR THE DURATION OF THE PROJECT.
2. EXISTING CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM EXISTING DRAWINGS AND FIELD SURVEY AND SHALL NOT BE CONSTRUED AS "AS-BUILT." THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
3. IN THE EVENT THAT QUESTIONABLE ENVIRONMENTAL MATERIALS ARE SUSPECTED OR IDENTIFIED BY THE CONTRACTOR, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY TO DETERMINE THE EXTENT OF MATERIAL AND THE COURSE OF ACTION.
4. ALL MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION ELEMENTS WITHIN THE AREA OF DEMOLITION THAT ARE TO BE REMOVED, SHALL BE CUT AND CAPPED AND MADE SAFE BY A SUBCONTRACTOR TRADESMEN APPROPRIATE TO THE SCOPE PRIOR TO DEMOLITION AND REMOVAL WORK OCCURRING BY THE DEMOLITION SUBCONTRACTOR.
5. ALL DASHED PARTITIONS, WALL FURRING, SURFACE APPLIED MATERIALS OR FINISHES (I.E. WALL COVERINGS, WOOD PANELING, ETC.) PIPE AND CHASE FURRING IN INTERIOR SPACES AND AT PERIMETER WALLS SHALL BE REMOVED FULL HEIGHT INCLUDING DOORS AND FRAMES, ETC. WITHIN THE PARTITIONS.
6. REMOVE ALL FLOOR AND BASE MATERIALS AND MASTIC. PREPARE FLOOR AND WALL SURFACES TO RECEIVE NEW FLOOR AND BASE FINISH MATERIALS.
7. EXCEPT AS NOTED, REMOVE ALL CEILING SYSTEMS, INCLUDING, BUT NOT LIMITED TO:
   A. ACOUSTICAL CEILING AND GRID SYSTEMS (SUSPENDED OR OTHERWISE), INCLUDING ALL SUPPORTING / SUSPENSION SYSTEMS.
   B. SUSPENDED GYPSUM AND / OR PLASTER CEILING, INCLUDING ALL SUPPORTING / SUSPENSION SYSTEMS.
   C. CEILING SYSTEMS ABOVE FINISHED / EXPOSED CEILING.
   D. GYPSUM BOARD AND / OR PLASTER SOFFITS, CEILING RETURNS AND / OR DRAPERY POCKETS, ETC.
8. REMOVE ALL CASEWORK, EQUIPMENT, & MISCELLANEOUS ITEMS, INCLUDING BUT NOT LIMITED TO:
   A. SHELVING BRACKETS, STANDARDS, CABINETS, COUNTERTOPS, UNISTRUT SUPPORTS, AND WALL ATTACHMENTS, ETC, UNLESS NOTED OTHERWISE.
9. OWNER HAS FIRST RIGHT OF SALVAGE TO ANY MATERIALS OR EQUIPMENT REMOVED UNDER THIS CONTRACT. OWNER WILL NOTIFY CONTRACTOR AS TO WHERE DESIGNED AREA IS AVAILABLE FOR STORAGE OF SALVAGED ITEMS.
10. REQUIREMENTS OF STRUCTURAL WORK: DO NOT CUT STRUCTURAL WORK IN A MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING CAPACITY OF LOAD/DEFLECTION RATIO.
11. OPERATIONAL AND SAFETY LIMITATIONS: DO NOT CUT OPERATIONAL ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MANNER RESULTING IN A REDUCTION OF CAPACITIES TO PERFORM IN A MANNER INTENDED OR RESULTING IN A DECREASED OPERATIONAL LIFE, INCREASED MAINTENANCE, OR DECREASED SAFETY.
12. VISUAL REQUIREMENTS: DO NOT CUT WORK WHICH IS EXPOSED ON THE EXTERIOR OR EXPOSED IN OCCUPIED SPACES OF THE BUILDING IN A MANNER RESULTING IN A REDUCTION OF VISUAL QUALITIES OR RESULTING IN SUBSTANTIAL EVIDENCE OF THE DEMOLITION WORK JUDGED BY THE ARCHITECT TO BE CUT AND PATCHED IN A VISUALLY UNSATISFACTORY MANNER.
13. LOADING: DO NOT SUPERIMPOSE LOADS AT ANY POINT UPON EXISTING STRUCTURE BEYOND DESIGN CAPACITY INCLUDING LOADS ATTRIBUTABLE TO MATERIALS, CONSTRUCTION EQUIPMENT, DEMOLITION OPERATIONS AND SHORING AND BRACING.
14. VIBRATION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD INDUCE VIBRATION INTO ANY ELEMENT OF THE STRUCTURE.
15. FIRE: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE ANY FIRE HAZARD UNLESS OTHERWISE APPROVED BY CONTRACTING OFFICER.
16. WATER: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE EXCESSIVE WATER RUN-OFF, AND WATER POLLUTION.
17. AIR POLLUTION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE UNCONTROLLED DUST, FUMES, OR OTHER DAMAGING AIR POLLUTION.

KEYNOTES LEGEND - DEMO

MARK	DESCRIPTION
102	EXISTING LIFT TO REMAIN. NOT IN CONTRACT (N.I.C.)
103	EXISTING LIFT TO BE REPLACED/INSTALLED BY OTHERS (N.I.C.). PATCH AND REPAIR FLOOR AS REQUIRED. CONTRACTOR TO VERIFY SEQUENCE OF CONSTRUCTION.
110	EXISTING FLOOR FINISH TO BE REMOVED; CLEAN AND PREP EXISTING CONCRETE SUBSTRATE FOR NEW FLOOR FINISH. PATCH AND REPAIR SURFACE AS REQUIRED. PRESSURE WASH/CLEAN EXISTING TRENCH DRAINS AND COVER PLATES AS REQUIRED. PREPARE EXISTING STRIPED CIRCLUATION AREAS TO RECEIVE NEW FINISH.
120	PREPARE INTERIOR WALL SURFACES AND ASSOCIATED EXISTING LOUVERS TO RECEIVE NEW FINISH; CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED; CONTRACTOR TO VERIFY LOUVER QUANTITY.
121	POWER WASH EXTERIOR WALL SURFACES; PREPARE EXISTING LOUVERS TO RECEIVE NEW FINISH; CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED; CONTRACTOR TO VERIFY QUANTITY OF LOUVERS.
132	PREPARE EXISTING DOOR AND FRAME TO RECEIVE NEW FINISH; CLEAN, PREP, AND PRIME AS REQUIRED; TYP.
133	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING OVERHEAD SECTIONAL DOOR AND FRAME ASSEMBLY; TYP.
135	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WINDOW AND FRAME ASSEMBLY; TYP.
146	EXISTING ELECTRICAL EQUIPMENT; REFER TO ELECTRICAL DRAWINGS FOR SCOPE.
152	PREPARE EXISTING COLUMN BASE TO RECEIVE NEW FINISH; CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED; TYP.
153	PREPARE EXISTING BOLLARD TO RECEIVE NEW FINISH; CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED; TYP.

LEGEND

- NOT IN SCOPE
- INDICATES ELEMENTS TO BE DEMO'D. SEE KEYNOTES FOR DETAILS
- # LIFT TAG
  - E# INDICATES EXISTING LIFTS
  - #* INDICATES LIFTS NOT IN SCOPE

PLAN NORTH

0' 4' 8' 16'
1/8" = 1'-0"

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Revisions:

AD100 OVERALL FIRST FLOOR & MEZZANINE DEMOLITION PLAN

Scale: AS NOTED
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USPS File Number: E69779

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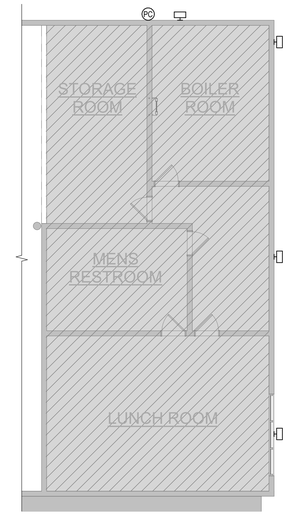
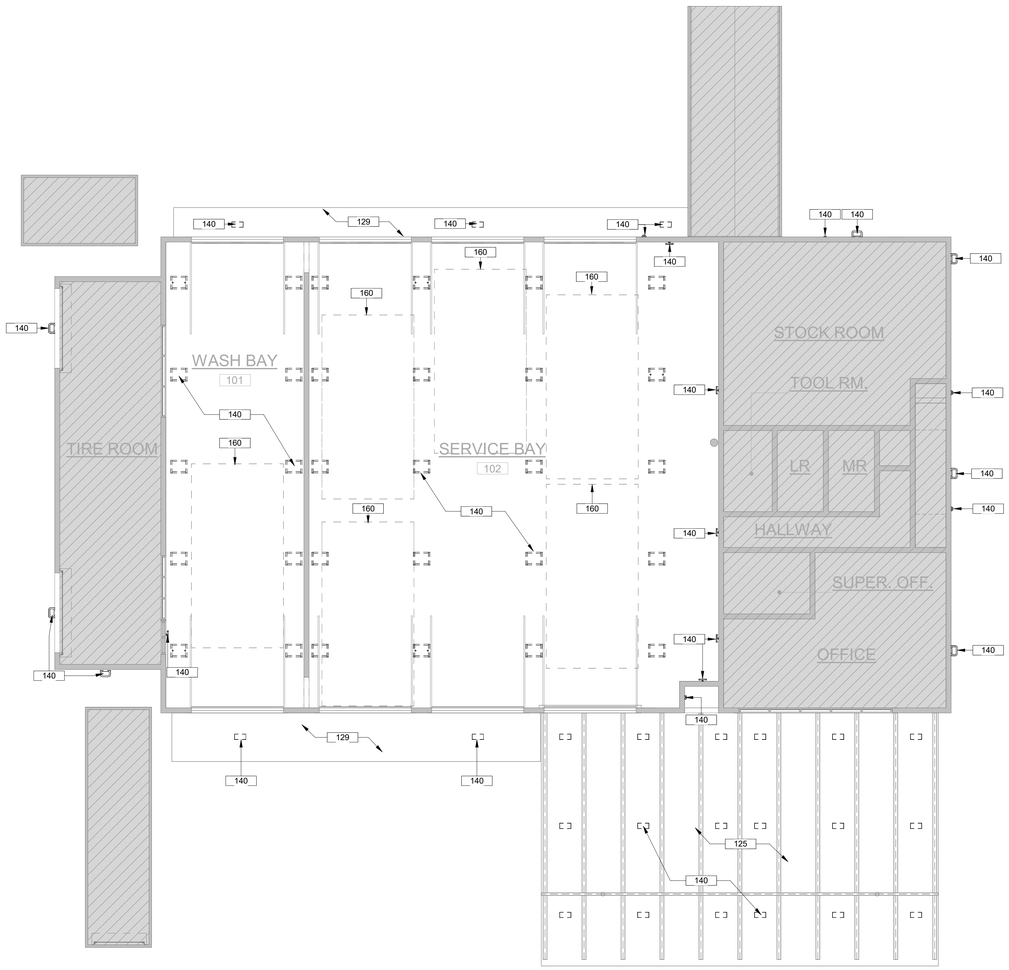


2 AD150 OVERALL MEZZANINE DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



1 AD150 OVERALL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

DEMO GENERAL NOTES

ITEMS BELOW APPLY TO DASHED LINES AS INDICATED ON THE DEMOLITION PLAN UNLESS OTHERWISE NOTED.

1. THE BUILDING AREAS ADJACENT TO THE AREA OF CONSTRUCTION WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION FOR THE SAFETY AND PROTECTION OF ALL PERSONS IN THE BUILDING UNDER CONSTRUCTION FOR THE DURATION OF THE PROJECT.
2. EXISTING CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM EXISTING DRAWINGS AND FIELD SURVEY AND SHALL NOT BE CONSTRUED AS "AS-BUILT." THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
3. IN THE EVENT THAT QUESTIONABLE ENVIRONMENTAL MATERIALS ARE SUSPECTED OR IDENTIFIED BY THE CONTRACTOR, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY TO DETERMINE THE EXTENT OF MATERIAL AND THE COURSE OF ACTION.
4. ALL MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION ELEMENTS WITHIN THE AREA OF DEMOLITION THAT ARE TO BE REMOVED, SHALL BE CUT AND CAPPED AND MADE SAFE BY A SUBCONTRACTOR TRADESMEN APPROPRIATE TO THE SCOPE PRIOR TO DEMOLITION AND REMOVAL WORK OCCURRING BY THE DEMOLITION SUBCONTRACTOR.
5. ALL DASHED PARTITIONS, WALL FURRING, SURFACE APPLIED MATERIALS OR FINISHES (I.E. WALL COVERINGS, WOOD PANELING, ETC.) PIPE AND CHASE FURRING IN INTERIOR SPACES AND AT PERIMETER WALLS SHALL BE REMOVED FULL HEIGHT INCLUDING DOORS AND FRAMES, ETC. WITHIN THE PARTITIONS.
6. REMOVE ALL FLOOR AND BASE MATERIALS AND MASTIC. PREPARE FLOOR AND WALL SURFACES TO RECEIVE NEW FLOOR AND BASE FINISH MATERIALS.
7. EXCEPT AS NOTED, REMOVE ALL CEILING SYSTEMS, INCLUDING, BUT NOT LIMITED TO:
   A. ACOUSTICAL CEILING AND GRID SYSTEMS (SUSPENDED OR OTHERWISE), INCLUDING ALL SUPPORTING / SUSPENSION SYSTEMS.
   B. SUSPENDED GYPSUM AND / OR PLASTER CEILING, INCLUDING ALL SUPPORTING / SUSPENSION SYSTEMS.
   C. CEILING SYSTEMS ABOVE FINISHED / EXPOSED CEILING.
   D. GYPSUM BOARD AND / OR PLASTER SOFFITS, CEILING RETURNS AND / OR DRAPERY POCKETS, ETC.
8. REMOVE ALL CASEWORK, EQUIPMENT, & MISCELLANEOUS ITEMS, INCLUDING BUT NOT LIMITED TO:
   A. SHELVING BRACKETS, STANDARDS, CABINETS, COUNTERTOPS, UNISTRUT SUPPORTS, AND WALL ATTACHMENTS, ETC, UNLESS NOTED OTHERWISE.
9. OWNER HAS FIRST RIGHT OF SALVAGE TO ANY MATERIALS OR EQUIPMENT REMOVED UNDER THIS CONTRACT. OWNER WILL NOTIFY CONTRACTOR AS TO WHERE DESIGNED AREA IS AVAILABLE FOR STORAGE OF SALVAGED ITEMS.
10. REQUIREMENTS OF STRUCTURAL WORK: DO NOT CUT STRUCTURAL WORK IN A MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING CAPACITY OF LOAD/DEFLECTION RATIO.
11. OPERATIONAL AND SAFETY LIMITATIONS: DO NOT CUT OPERATIONAL ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MANNER RESULTING IN A REDUCTION OF CAPACITIES TO PERFORM IN A MANNER INTENDED OR RESULTING IN A DECREASED OPERATIONAL LIFE, INCREASED MAINTENANCE, OR DECREASED SAFETY.
12. VISUAL REQUIREMENTS: DO NOT CUT WORK WHICH IS EXPOSED ON THE EXTERIOR OR EXPOSED IN OCCUPIED SPACES OF THE BUILDING IN A MANNER RESULTING IN A REDUCTION OF VISUAL QUALITIES OR RESULTING IN SUBSTANTIAL EVIDENCE OF THE DEMOLITION WORK JUDGED BY THE ARCHITECT TO BE CUT AND PATCHED IN A VISUALLY UNSATISFACTORY MANNER.
13. LOADING: DO NOT SUPERIMPOSE LOADS AT ANY POINT UPON EXISTING STRUCTURE BEYOND DESIGN CAPACITY INCLUDING LOADS ATTRIBUTABLE TO MATERIALS, CONSTRUCTION EQUIPMENT, DEMOLITION OPERATIONS AND SHORING AND BRACING.
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16. WATER: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE EXCESSIVE WATER RUN-OFF, AND WATER POLLUTION.
17. AIR POLLUTION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE UNCONTROLLED DUST, FUMES, OR OTHER DAMAGING AIR POLLUTION.

KEYNOTES LEGEND - DEMO	
MARK	DESCRIPTION
125	PRESSURE WASH/CLEAN EXISTING CANOPY. PATCH/REPAIR SURFACE AS REQUIRED.
129	PREPARE EXISTING SOFFIT TO RECEIVE NEW FINISH; PRESSURE WASH/CLEAN AND PATCH/REPAIR SURFACE AS REQUIRED.
140	EXISTING LIGHT FIXTURES/ELECTRICAL EQUIPMENT AND ALL RELATED HARDWARE TO BE REMOVED. CONTRACTOR TO VERIFY EXISTING FIXTURE QUANTITY. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
160	ALL UTILITIES, FIXTURES, MECHANICAL SYSTEMS OR ANY OBSTRUCTIONS WITHIN LIFT SERVICE AREAS SHALL BE RELOCATED ABOVE 15' - 3" A.F.F.

LEGEND

NOT IN SCOPE

INDICATES ELEMENTS TO BE DEMOLISHED. SEE KEYNOTES FOR DETAILS

PLAN NORTH

0' 4' 8' 16'
1/8" = 1'-0"

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Revisions:

AD150 OVERALL FIRST FLOOR & MEZZANINE DEMOLITION REFLECTED CEILING PLAN

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Project: LYNNWOOD (NORTH) USPS File Number: E09779

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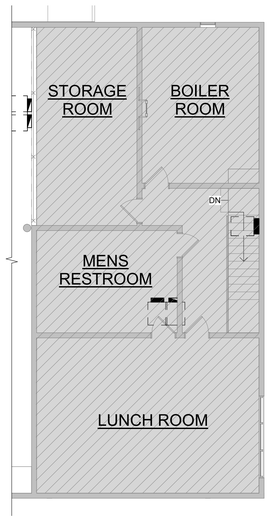
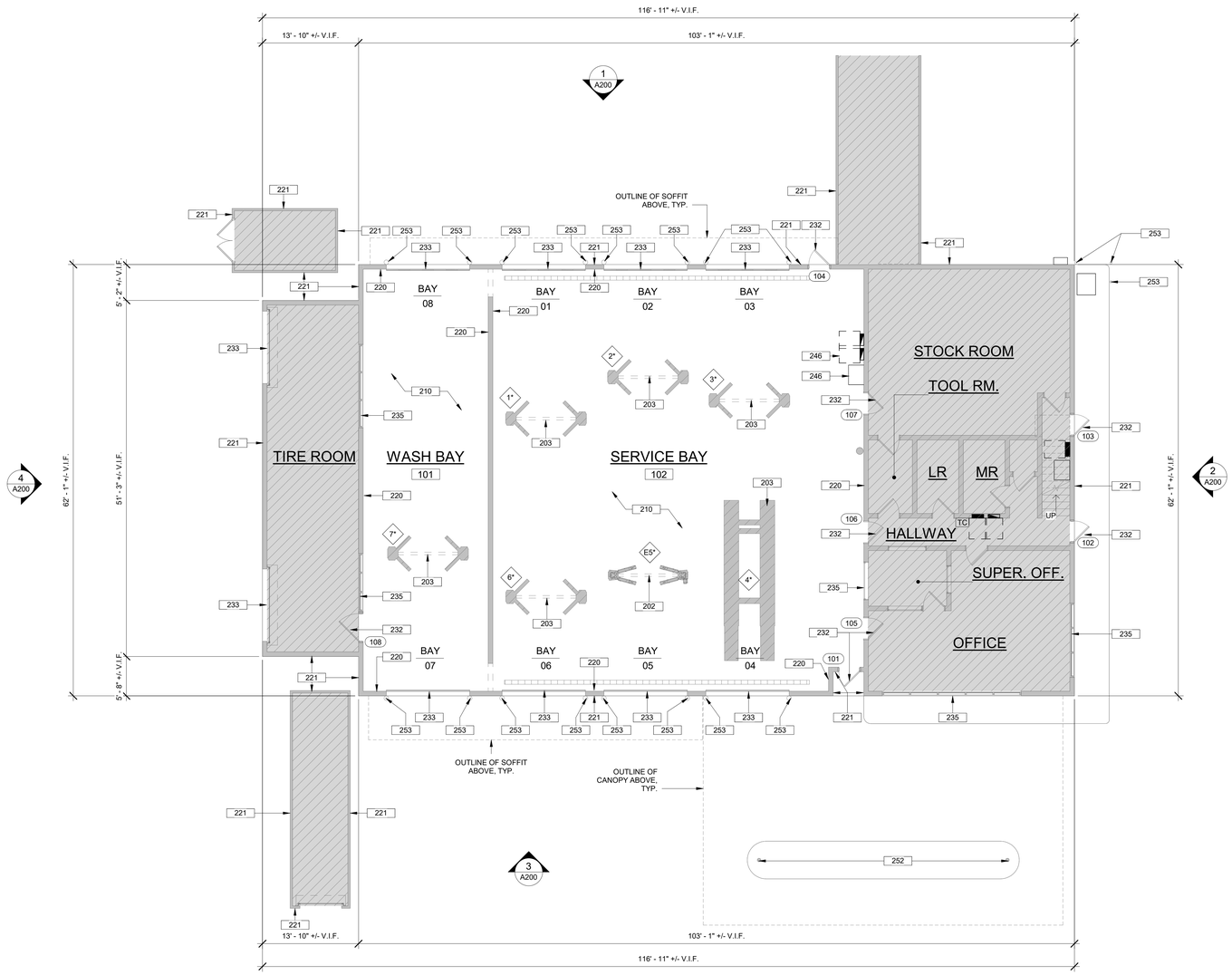


2 A100 OVERALL PROPOSED MEZZANINE PLAN
SCALE: 1/8" = 1'-0"



1 A100 OVERALL PROPOSED FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

REFER TO G.002 FOR GENERAL NOTES

KEYNOTES LEGEND	
MARK	DESCRIPTION
202	EXISTING LIFT TO REMAIN. NOT IN CONTRACT (N.I.C.)
203	EXISTING LIFT TO BE REPLACED/INSTALLED BY OTHERS (N.I.C.). PATCH AND REPAIR FLOOR AS REQUIRED. CONTRACTOR TO VERIFY SEQUENCE OF CONSTRUCTION.
210	INSTALL NEW FLOOR SURFACE; CLEAN AND PREPARE EXISTING SUBSTRATE FOR NEW FLOOR FINISH. PRESSURE WASH/CLEAN EXISTING TRENCH DRAINS AND COVER PLATES AS REQUIRED. REPAINT STRIPED CIRCULATION AREAS TO MATCH EXISTING.
220	PAINT INTERIOR WALL SURFACES AND ASSOCIATED EXISTING LOUVERS; CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW PAINT; TYP. U.N.O.; CONTRACTOR TO VERIFY LOUVER QUANTITY; LOUVER COLOR TO MATCH WALL COLOR. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
221	POWER WASH EXTERIOR WALL SURFACES; PAINT EXTERIOR LOUVERS; CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW PAINT; LOUVER COLOR TO MATCH EXISTING; CONTRACTOR TO VERIFY QUANTITY OF LOUVERS.
232	EXISTING DOOR AND FRAME TO BE PAINTED; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH. PAINT ALL SIDES AND EDGES OF DOOR/FRAME; REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION; TYP.
233	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING OVERHEAD SECTIONAL DOOR AND FRAME ASSEMBLY; TYP.
235	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WINDOW AND FRAME ASSEMBLY; TYP.
246	EXISTING ELECTRICAL EQUIPMENT; REFER TO ELECTRICAL DRAWINGS FOR SCOPE.
252	PAINT EXISTING COLUMN BASE SAFETY YELLOW TO COMPLY WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.
253	PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.

LEGEND

NOT IN SCOPE

LIFT TAG
E# INDICATES EXISTING LIFTS
#* INDICATES LIFTS NOT IN SCOPE

PLAN NORTH

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Revisions:

A100 OVERALL PROPOSED FIRST FLOOR & MEZZ. FLOOR PLAN

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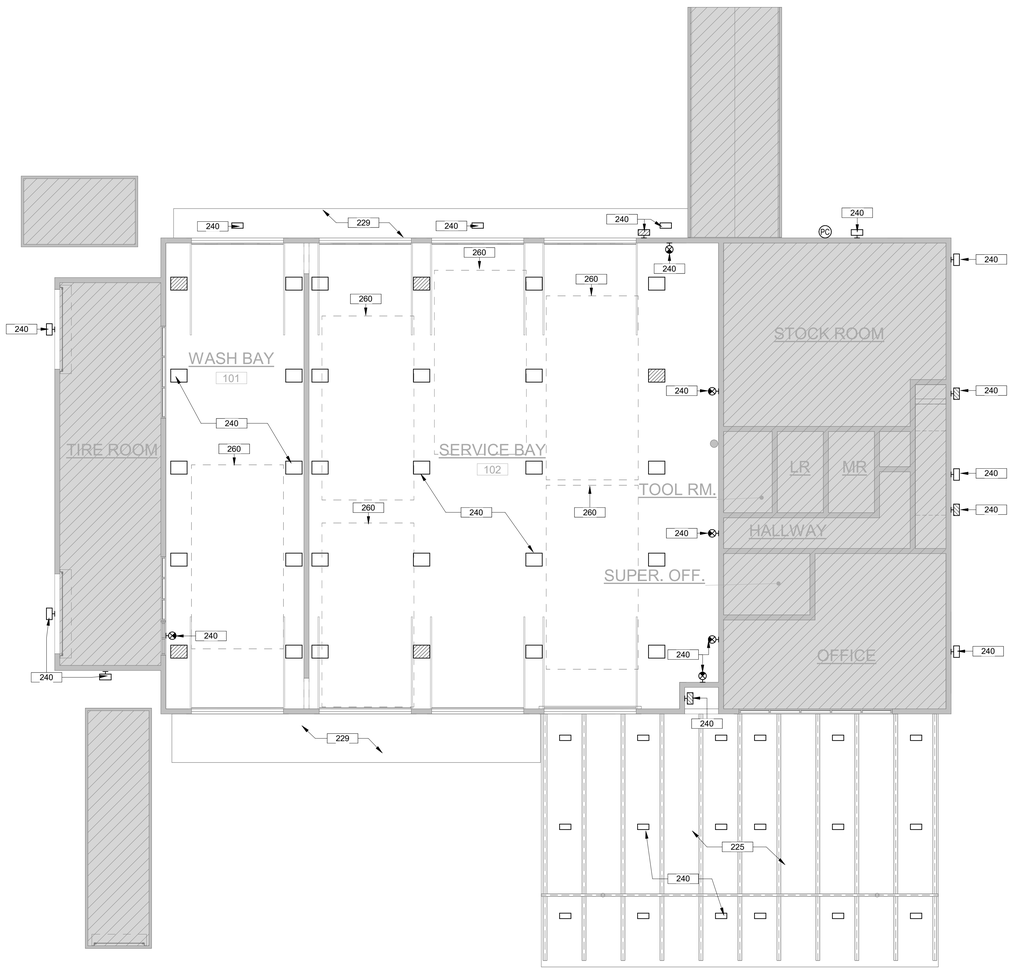
DATE & TIME: 1/12/2024 6:38:10 PM

2 A150 OVERALL PROPOSED MEZZANINE REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



1 A150 OVERALL PROPOSED FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

REFER TO G.002 FOR GENERAL NOTES

KEYNOTES LEGEND	
MARK	DESCRIPTION
225	PRESSURE WASH/CLEAN EXISTING CANOPY. PATCH/REPAIR SURFACE AS REQUIRED.
229	PAINT EXISTING SOFFIT; CLEAN, PREP, AND PRIME SURFACE TO RECEIVE NEW FINISH; COLOR TO MATCH EXISTING.
240	NEW LIGHT FIXTURE ASSEMBLY/ELECTRICAL EQUIPMENT; TYP. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
260	ALL UTILITIES, FIXTURES, MECHANICAL SYSTEMS OR ANY OBSTRUCTIONS WITHIN LIFT SERVICE AREAS SHALL BE RELOCATED ABOVE 15' - 3" A.F.F.

LEGEND

NOT IN SCOPE

PLAN NORTH

0' 4' 8' 16'
1/8" = 1'-0"

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A150 OVERALL PROPOSED FIRST FLOOR & MEZZ. FLOOR PLAN

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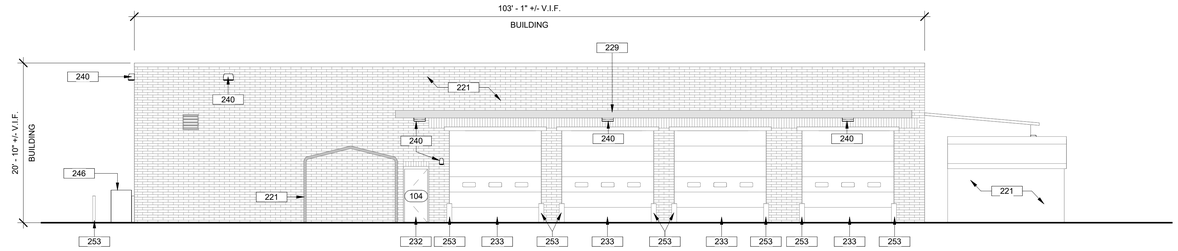
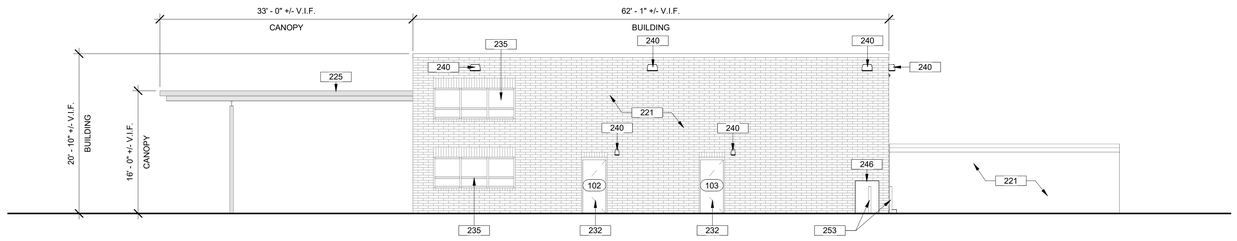
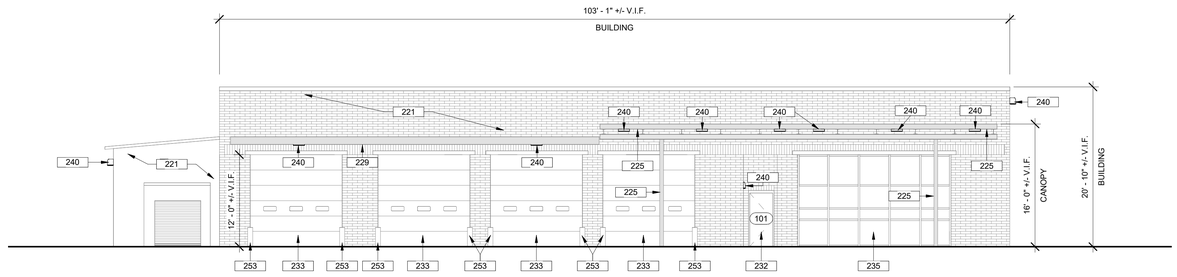


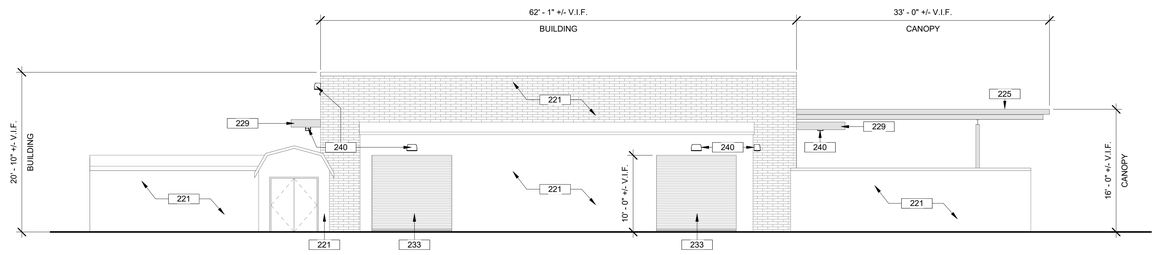
1 NORTH ELEVATION
A200 SCALE: 1/8" = 1'-0"



2 EAST ELEVATION
A200 SCALE: 1/8" = 1'-0"



3 SOUTH ELEVATION
A200 SCALE: 1/8" = 1'-0"



4 WEST ELEVATION
A200 SCALE: 1/8" = 1'-0"

GENERAL NOTES

REFER TO G.002 FOR GENERAL NOTES

KEYNOTES LEGEND	
MARK	DESCRIPTION
221	POWER WASH EXTERIOR WALL SURFACES; PAINT EXTERIOR LOUVERS; CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW PAINT; LOUVER COLOR TO MATCH EXISTING; CONTRACTOR TO VERIFY QUANTITY OF LOUVERS.
225	PRESSURE WASH/CLEAN EXISTING CANOPY. PATCH/REPAIR SURFACE AS REQUIRED.
229	PAINT EXISTING SOFFIT; CLEAN, PREP, AND PRIME SURFACE TO RECEIVE NEW FINISH; COLOR TO MATCH EXISTING.
232	EXISTING DOOR AND FRAME TO BE PAINTED; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH. PAINT ALL SIDES AND EDGES OF DOOR/FRAME; REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION; TYP.
233	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING OVERHEAD SECTIONAL DOOR AND FRAME ASSEMBLY; TYP.
235	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WINDOW AND FRAME ASSEMBLY; TYP.
240	NEW LIGHT FIXTURE ASSEMBLY/ELECTRICAL EQUIPMENT; TYP. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
246	EXISTING ELECTRICAL EQUIPMENT; REFER TO ELECTRICAL DRAWINGS FOR SCOPE.
253	PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.

0' 4' 8' 16'
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A500 DETAILS

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USPS File Number: E09779

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A. SUPPLEMENTAL GENERAL CONDITIONS
1. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND IT IS THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE WITH ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLE INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICE NECESSARY SO AS TO PROVIDE A COMPLETE, FUNCTIONING ELECTRICAL SYSTEM IN SAFE WORKING ORDER.
2. SYMBOLS FOR VARIOUS ELEMENTS AND SYSTEMS ARE SHOWN ON THE DRAWINGS. SHOULD THERE BE ANY DOUBT REGARDING THE MEANING OR INTENT OF THE SYMBOLS USED, AN INTERPRETATION SHALL BE OBTAINED FROM THE ARCHITECT IN WRITING. THE DECISION OF THE ARCHITECT SHALL BE FINAL.
3. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO EXAMINE THE CONTRACT DOCUMENTS CAREFULLY BEFORE SUBMITTING THEIR BID, WITH PARTICULAR ATTENTION TO ERRORS, OMISSIONS, CONFLICTS WITH PROVISIONS OF LAWS AND CODES HAVING JURISDICTION, CONFLICTS BETWEEN DRAWINGS OR DRAWINGS AND SPECIFICATIONS, AND AMBIGUOUS DEFINITION OF THE EXTENT OF COVERAGE BETWEEN CONTRACTS. ANY SUCH DISCREPANCY SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ARCHITECT FOR CORRECTION. SHOULD ANY OF THESE ERRORS, OMISSIONS, CONFLICTS, OR AMBIGUITIES EXIST, THE CONTRACTOR SHALL HAVE THEM EXPLAINED AND ADJUSTED IN WRITING BEFORE SIGNING THE CONTRACT OR PROCEEDING WITH THE WORK; OTHERWISE, THE CONTRACTOR SHALL, AT THEIR OWN EXPENSE, SUPPLY THE PROPER MATERIALS AND LABOR TO MAKE GOOD ANY DAMAGE OR DEFECTS IN THEIR WORK OR THE RESULTS OBTAINED THEREFROM, CAUSED BY SUCH DISCREPANCY.
4. WHEREVER CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, THE BETTER QUALITY, OR LARGER SIZE SHALL PREVAIL UNLESS THE ARCHITECT INFORMS THE CONTRACTOR OTHERWISE IN WRITING.
5. THE SCALE OF EACH DRAWING IS RELATIVELY ACCURATE; ANY DIMENSIONS SHOWN ARE APPROXIMATE TO CENTERLINE FROM ASSUMED BUILDING PERIMETER. THE CONTRACTOR SHALL OBTAIN THE NECESSARY DIMENSIONS FOR ANY EXACT TAKEOFFS FROM THE ARCHITECT. NO ADDITIONAL COST TO THE OWNER WILL BE CONSIDERED FOR FAILURE TO OBTAIN EXACT DIMENSIONS WHERE NOT CLEAR OR IN ERROR ON THE DRAWINGS. ANY DEVICE OR FIXTURE ROUGHED IN IMPROPERLY AND NOT POSITIONED ON IMPLIED CENTER-LINES OR AS REQUIRED BY GOOD PRACTICE MUST BE REPOSITIONED AT NO COST TO THE OWNER.
6. ONLY EXPERIENCED CRAFTSMEN KNOWLEDGEABLE IN THEIR RESPECTIVE TRADE SHALL PERFORM THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF NFPA STANDARD 70 (NATIONAL ELECTRICAL CODE). CONTRACTOR SHALL ALSO CONFORM TO ALL APPLICABLE LOCAL CODES AND AMENDMENTS.
8. UNLESS OTHERWISE INDICATED, ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS. THEY SHALL ALSO BE LISTED/LABELED BY A NATIONALLY RECOGNIZED LABORATORY IN ACCORDANCE WITH NFPA 70. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND WITHIN THEIR LISTING/LABELING REQUIREMENTS AND RESTRICTIONS.
9. PROVIDE SHOP DRAWINGS FOR ENGINEER'S REVIEW FOR ALL ELECTRICAL EQUIPMENT, DEVICES, AND MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND SEPARATELY SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST. REFER TO SPECIFICATIONS (PROJECT MANUAL) FOR REQUIREMENTS.
10. PROVIDE MINIMUM 2-HOUR RATED FIRESTOPPING AT ALL ELECTRICAL PENETRATIONS THROUGH WALLS. REFER TO SPECIFICATION SECTION 078400 FIRESTOPPING. REFER TO 078400 SECTION 3.6 SCHEDULES FOR LIST OF ACCEPTABLE FIRESTOPPING ASSEMBLIES

B. ELECTRICAL EQUIPMENT
1. PROVIDE AN IDENTIFICATION NAMEPLATE FOR EACH ELECTRICAL EQUIPMENT, APPURTENANCE DEPICTING THE DESIGNATION INDICATED ON THE DRAWINGS. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
2. WEATHERPROOF ENCLOSURES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT, DEVICES AND APPURTENANCES (ALL SYSTEMS) INSTALLED OUTDOORS.
3. COORDINATE AND SCHEDULE ALL POWER OUTAGES WITH OWNER. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
4. SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT OR DEVICES OF A PARTICULAR MANUFACTURER. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.
5. DO NOT USE PERMANENT INK WHEN MAKING FIELD MARKINGS OR TEMPORARY CIRCUIT LABELS ON PANELS. CONTRACTOR SHALL USE REMOVABLE TAPE/TAGS FOR ALL TEMPORARY MARKINGS AND SHALL REMOVE THESE TEMPORARY MARKINGS AT THE CONCLUSION OF THIS PROJECT.

C. SITE WORK
1. COORDINATE WITH THE SITE WORK FOR THE LOCATION, DIMENSIONS AND ELEVATION OF ALL DUCTBANKS/SERVICE CONDUITS EXTERNAL TO THE BUILDING PRIOR TO INSTALLATION OF ALL DUCTBANKS/SERVICE CONDUITS INTERNAL TO THE BUILDING.
2. COORDINATE ALL ELECTRICAL UTILITY SERVICE REQUIREMENTS WITH UTILITIES REPRESENTATIVE PRIOR TO COMMENCING ANY ELECTRICAL SITE WORK. CONTRACTOR SHALL SCHEDULE ALL NECESSARY MEETINGS BETWEEN UTILITY COMPANIES CONSTRUCTION FOREMAN, ELECTRICAL SUBCONTRACTORS, AND VARIOUS SUBCONTRACTORS RESPONSIBLE FOR SITE CONSTRUCTION PRIOR TO ELECTRICAL ROUGH-IN.

D. CONDUIT & RACEWAY
1. ALL WORK SHALL BE COORDINATED SO THAT INTERFERENCES ARE AVOIDED. PROVIDE ALL NECESSARY OFFSETS IN CONDUITS, RACEWAYS, ETC., REQUIRED TO PROPERLY INSTALL THE WORK. EXPOSED WORK MUST BE KEPT AS CLOSE AS POSSIBLE TO WALLS, CEILINGS, COLUMNS, ETC., SO AS TO TAKE UP MINIMUM AMOUNT OF SPACE; ALL OFFSETS, FITTINGS, ETC., REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL EXPENSE TO THE OWNER. WORK SHALL BE COORDINATED WITH OTHER TRADES.
2. CONDUIT RUNS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR SIZING AND LOCATING PULL BOXES PER NFPA 70 AND FOR COORDINATION WITH OTHER DISCIPLINES.
3. PENETRATIONS OF WALLS, FLOORS, AND ROOFS FOR THE PASSAGE OF ELECTRICAL RACEWAYS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF WORK. ALL SUCH PENETRATIONS SHALL BE PROPERLY SEALED OFF AFTER INSTALLATION OF RACEWAY SO AS TO MAINTAIN THE STRUCTURAL, WATER PROOF, AND FIRE PROOF INTEGRITY OF THE WALL, FLOOR, OR ROOF SYSTEM PENETRATED.
4. SEAL ALL CONDUITS THAT PENETRATE THE FLOOR SLAB TO MAKE THEM WATER TIGHT. THE CONDUITS SHALL BE DRIED PRIOR TO INSTALLATION OF WIRE/CABLE AND SHALL BE SEALED AT TERMINATIONS.
5. ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A UL APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL PLANS FOR FIRE RATED WALLS.
6. ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS.
7. OR FROM BUILDING CONTROL POWER DISTRIBUTION SYSTEM.

E. BRANCH CIRCUITS AND FEEDERS
1. CIRCUITING IS SHOWN DIAGRAMMATICALLY.
2. UNLESS OTHERWISE INDICATED, ALL CIRCUITS 100' OR LESS SHALL BE MINIMUM #12 AWG WIRE SIZE. CIRCUITS OVER 100' BUT LESS THAN 200' SHALL BE MINIMUM #10 AWG WIRE SIZE. CIRCUITS OVER 200' BUT LESS THAN 300' SHALL BE MINIMUM #8 AWG WIRE SIZE.
3. UNLESS OTHERWISE INDICATED, ALL CONDUCTORS SHALL BE COPPER, 98% CONDUCTIVITY CONTINUOUS FROM OUTLET TO OUTLET.
4. UNLESS OTHERWISE INDICATED, CONDUCTOR SIZES #12 AWG AND #10 AWG SHALL BE SOLID. CONDUCTOR SIZES #8 AWG AND LARGER MAY BE STRANDED.
5. A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED WITH THE CIRCUIT CONDUCTORS FOR GROUNDING WHETHER OR NOT INDICATED ON THE DRAWINGS. METAL RACEWAY, OR A CABLE ARMOR OR SHEATH SHALL NOT BE USED AS THE ONLY EQUIPMENT GROUNDING CONDUCTOR.
6. HOMERUN CIRCUITS FOR ISOLATED GROUND RECEPTACLES SHALL BE SEPARATED FROM OTHER CIRCUITS. EACH CIRCUIT SHALL HAVE ITS OWN NEUTRAL CONDUCTOR AND EACH HOMERUN SHALL CONTAIN AN ISOLATED AND EQUIPMENT GROUND CONDUCTOR.

F. WIRING DEVICES
1. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATION AND MOUNTING HEIGHT OF ALL WALL AND FLOOR MOUNTED ELEMENTS (OUTLETS, LIGHT SWITCHES, CONTROLLERS, POKE-THRU, ETC). ALL WALL/FLOOR MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL WALL/FLOOR TYPES IN ALL AREAS. DO NOT SCALE OR DIMENSION LOCATIONS FROM THESE DRAWINGS.
2. COORDINATE THE LOCATION AND INSTALLATION DETAIL OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS (WALL ELEVATIONS, MILLWORK DETAILS, ETC.) AND WITH MILLWORK MANUFACTURER PRIOR TO ELECTRICAL ROUGH-IN.
3. WALL AND FLOOR MOUNTED POWER RECEPTACLES SHOWN NEAR DATA OUTLETS SHALL BE LOCATED WITHIN SIX (6) INCHES OF THE DATA OUTLET. LOCATE AT SAME MOUNTING HEIGHT UNLESS NOTED OTHERWISE.
4. VERIFY THE EXACT POWER CONNECTION TYPE AND NEMA CONFIGURATION OF RECEPTACLES FOR EQUIPMENT FURNISHED BY THE OWNER, OTHER TRADES, OR UNDER A SEPARATE SECTION OF THIS CONTRACT PRIOR TO ELECTRICAL ROUGH-IN.
5. ALL RECEPTACLES LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE HOUSED IN ENCLOSURES THAT ARE RATED 'WEATHER-PROOF-WHILE-IN-USE' AND SHALL BE EQUIPPED WITH GFCI FOR PERSONNEL PROTECTION.
6. ALL GFCI RECEPTACLES SHALL BE CONNECTED SO THAT ALL DEVICES ON THE SAME CIRCUIT AS THE GFCI RECEPTACLE DO NOT DE-ENERGIZE UPON TRIPPING. ALL GFCI RECEPTACLES SHALL INCLUDE A LOCK-OUT FUNCTION TO PROTECT AGAINST THE USE OF MISWIRED DEVICES OR DEVICES THAT HAVE BEEN DAMAGED DUE TO DISABLING SURGES.

G. LIGHTING SYSTEM
1. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATION OF ALL CEILING ELEMENTS (LIGHTS, SPRINKLERS, DIFFUSERS, ETC). ALL CEILING MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL CEILING TYPES IN ALL AREAS. DO NOT SCALE OR DIMENSION LOCATIONS FROM THESE DRAWINGS.
2. PROVIDE AND INSTALL ALL SUPPORTS FOR LIGHT FIXTURES. SUPPORTS SHALL BE INDEPENDENT OF THE CEILING GRID SUPPORT SYSTEM.
3. LIGHT SWITCHES / OCCUPANCY SENSORS LOCATED IN A ROOM SHALL CONTROL ALL THE LIGHT FIXTURES IN THAT ROOM UNLESS NOTED OTHERWISE. CONTRACTOR SHALL GANG TOGETHER ALL SWITCHES/DIMMERS UNDER A SINGLE COVER PLATE IN ALL AREAS THAT REQUIRE MORE THAN ONE SWITCH TO CONTROL ELECTRICAL DEVICES.
4. IN INSTANCES WHERE A TRACK LIGHTING SYSTEM, DIMMING SYSTEM, AND/OR LIGHTING CONTROL SYSTEM IS SPECIFIED, THE CONTRACTOR SHALL COORDINATE ALL NECESSARY COMPONENTS OF SUCH SYSTEM(S) WITH THE MANUFACTURER PRIOR TO BID AND INCLUDE ALL NECESSARY ACCESSORIES TO INSTALL A COMPLETE AND FUNCTIONING SYSTEM.

H. 2-POST LIFT COORDINATION
1. LIFTS MAY BE PROVIDED AS PART OF PROJECT SCOPE OR BY USPS. REVIEW DRAWINGS AND LIFT SCHEDULE FOR SITE SPECIFIC INFORMATION.
2. MINIMUM VERTICAL CLEARANCE ABOVE ALL LIFTS IS 15'-3".
3. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE MINIMUM 15'-3" CLEARANCE ABOVE ALL NEW LIFTS, WHETHER LIFT(S) ARE PROVIDED AS PART OF SCOPE OF WORK FOR THE PROJECT OR PROVIDED BY OWNER. MAKE SAFE AND DISCONNECT ANY EQUIPMENT, DEVICES, LIGHTS, AND/OR CONDUIT WITH POWER RUNNING ALONG LIFT VEHICLE CLEARANCE AREA THAT INTERFERES WITH 15'-3" MINIMUM VERTICAL CLEARANCE REQUIREMENT. COORDINATE WITH GENERAL CONTRACTOR TO SHIFT/ADJUST ANY ELECTRICAL DEVICE/EQUIPMENT/RACEWAY/WIRING/ELEMENT RUNNING ALONG VERTICAL CLEAR AREA BEYOND 15'-3".
4. ANY NEW LIGHTING, CONTROLS, POWER, CONDUIT AND APPURTENANCES ROUTED AS PART OF THE PROJECT SHALL NOT INTERFERE WITH VEHICLE LIFT CLEARANCE AREA.
5. REFER TO A500 FOR LIFT CLEARANCE DETAIL.
6. THIS SCOPE OF WORK DOES NOT APPLY TO ALIGNMENT LIFTS.

J. DEMO GENERAL NOTES
1. PROVIDE UPDATED, TYPE WRITTEN DIRECTORY OF ALL CORRECT CIRCUITS WITH LOAD DEFINITIONS FOR EACH PANEL BOARD. DIRECTORY SHALL BE LOCATED INSIDE PANEL DOOR.
2. INFORMATION PROVIDED ON THESE DRAWINGS HAVE BEEN TAKEN FROM DESIGN DRAWING AND FIELD OBSERVATIONS CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PRICING AND COMMENCEMENT OF WORK.
3. WHERE EXISTING WALLS ARE DEMOLISHED, REMOVE ALL EXISTING ELECTRICAL DEVICES AND THEIR ASSOCIATED CONDUITS AND WIRING BACK TO THE POINT OF ORIGINATION. ENERGIZE ALL EXISTING DEVICES THAT WERE INTERRUPTED DURING DEMOLITION. WHERE ENTIRE CIRCUITS ARE REMOVED, TURN THE CIRCUIT BREAKER OFF AND LABEL AS "SPARE".
4. PROVIDE FOR ANY AND ALL DEMOLITION WORK NECESSARY TO ACCOMMODATE ALL NEW CONSTRUCTION, INCLUDING ARCHITECTURAL, MECHANICAL, PLUMBING OR ELECTRICAL WORK.
5. IF DEMOLITION IS REQUIRED TO INSTALL AN ITEM, THE CONTRACTOR SHALL RESTORE THE AREA TO PREVIOUS CONDITION, OR REPLACE DAMAGED ITEMS WITH NEW ITEMS TO MATCH EXISTING.
6. DESIGNATION 'EX' REPRESENTS EXISTING DEVICE OR LIGHT FIXTURE TO REMAIN AS CIRCUITED AND SWITCHED UNLESS NOTED OTHERWISE. EXISTING LIGHT FIXTURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.
7. A DEVICE WITH AN 'X' INDICATES EXISTING DEVICE TO BE REMOVED INCLUDING ALL ASSOCIATED CONDUIT AND WIRING.
8. A DEVICE WITH AN 'R' INDICATES EXISTING DEVICE TO BE RELOCATED INCLUDING ALL ASSOCIATED CONDUIT AND WIRING.
9. CONTRACTOR SHALL REMOVE ALL CONDUIT AND WIRING ASSOCIATED WITH DEVICES AND EQUIPMENT TO BE REMOVED AND/OR RELOCATED UNLESS NOTED OTHERWISE. PROVIDE AND INSTALL ALL NECESSARY DEVICES, EQUIPMENT AND ACCESSORIES REQUIRED TO MAINTAIN SERVICE TO ALL "EXISTING TO REMAIN" DEVICES AND EQUIPMENT THAT MAY BE INTERRUPTED DURING DEMOLITION.
10. WHERE EXISTING MECHANICAL/PLUMBING EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED ELECTRICAL FEEDS TO THE EQUIPMENT AND THEIR ASSOCIATED CONDUITS BACK TO THE POINT OF ORIGINATION.
11. REFER TO ARCHITECTURAL PLANS FOR AREAS WHERE CEILING IS DEMOLISHED. REMOVE ALL LIGHTING FIXTURES AND ASSOCIATED CONDUIT AND WIRING FROM THESE LOCATIONS.

ELECTRICAL ABBREVIATIONS

AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
ATS	AUTOMATIC TRANSFER SWITCH
BFC	BELOW FINISHED CEILING
BOF	BOTTOM OF FIXTURE
C	CONDUIT
CB,C/B OR CKT BKR	CIRCUIT BREAKER
CKT	CIRCUIT
CCTV	CLOSED CIRCUIT T.V.
CLG	CEILING
CR	CRITICAL (EMERGENCY SYSTEM)
CUH	CABINET HEATER
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC
E	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EP	EXPLOSION PROOF
EVSE	ELECTRIC VEHICLE SUPPLY EQUIPMENT
EWC	ELECTRIC WATER COOLER
EX	EXISTING
F	FUSE
FA	FIRE ALARM
FACP, FAP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FTP, FTS OR FTU	FAN TERMINAL UNIT
FUT	FUTURE
G, GND	GROUND (EQUIPMENT)
GEF	GENERAL EXHAUST FAN
GEN	GENERATOR
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSE POWER
HV	HIGH VOLTAGE
HWAT	HEAT TRACE
IC	INTERRUPTING CAPACITY
ICAND	INCANDESCENT
IG	ISOLATED GROUND
IGF	GROUND FAULT INDICATION ONLY
JB	JUNCTION BOX
KEF	KITCHEN EXHAUST FAN
LTG	LIGHTING
LTS	LIGHTS
LV	LOW VOLTAGE
MATV	MASTER ANTENNA
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MH	MANHOLE
MLO	MAIN LUGS ONLY
MTD	MOUNT OR MOUNTED
MW	MICROWAVE
N	NEW DEVICE
NC (N.C.)	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NF	NONFUSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO (N.O.)	NORMALLY OPEN
PB	PULL BOX
PLGMLD	PLUGMOLD
PNL	PANEL
PWR	POWER
R	RELOCATED DEVICE
RCPT(S) OR RECEPT	RECEPTACLE(S)
REF	REFRIGERATOR
RF	RETURN AIR FAN
SEF	SMOKE EXHAUST FAN
SF	SUPPLY AIR FAN
SO (S.O.)	SPACE ONLY
SP	SPARE
ST (S.T.)	SHUNT TRIP
SW	SWITCH
TEL	TELEPHONE
TF	TRANSFER FAN
TP	TAMPER PROOF
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
UF	UNDERFLOOR
UG	UNDERGROUND
UH	UNIT HEATER
UNK	UNKNOWN
UNO (U.N.O.)	UNLESS NOTED OR INDICATED OTHERWISE
V	VOLTAGE
VFD	VARIABLE FREQUENCY DRIVE
VP	VAPOR PROOF
VV	VARIABLE VOLUME UNIT
W	WIRE
W/	WITH
WG	WIRE GUARD
WP	WEATHER PROOF
WT	WATER TIGHT
XFMR	TRANSFORMER MOUNTING
+xx	HEIGHT IN INCHES. AFF UNO.
UCR	UNDER CABINET REFRIGERATOR

POWER SYMBOLS LEGEND

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.

SYMBOL	DESCRIPTION	MNTG. HT. (U.N.O.)
	SINGLE RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	24" AFF
	DUPLEX RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	24" AFF
	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT	24" AFF
	DUPLEX RECEPTACLE GFCI	24" AFF
WP	DUPLEX RECEPTACLE, GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A "WEATHERPROOF-WHILE-IN-USE" ENCLOSURE - 20A/125V/2P/3W/G NEMA 5-20R	24" AFF
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	6" AFC OR 44" AFF
	QUADRUPLEX RECEPTACLE (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	24" AFF
	QUADRUPLEX RECEPTACLE ON EMERGENCY CIRCUIT (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	24" AFF
	SPECIAL PURPOSE RECEPTACLE (NEMA AS INDICATED)	24" AFF
	FLOOR MOUNTED RECEPTACLE IN FLOOR BOX OR POKE-THRU DEVICE - FLUSH MOUNTED, UNO	24" AFF
	CEILING MOUNTED RECEPTACLE - CONFIGURATION UNO	24" AFF
J	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	24" AFF
J D/T	WALL MOUNTED JUNCTION BOX FOR DATA/TELEPHONE - SIZE & MOUNTING AS REQUIRED	FLOOR
	POWER POLE	CLNG
	PLUGMOLD	AS REQ'D
X/Y/Z	DISCONNECT SWITCH (X=FRAME SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES)	≤ 6' - 0" AFF TO TOP
X/-/Z	DISCONNECT SWITCH NON-FUSED (X=FRAME SIZE, Z=NUMBER OF POLES)	≤ 6' - 0" AFF TO TOP
$M	MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD AND PILOT LIGHT	AS REQ'D
	EMERGENCY POWER OFF BUTTON - WALL MOUNTED	AS REQ'D
	208Y/120V PANELBOARD	≤ 6' - 0" AFF TO TOP
	480Y/277V PANELBOARD	≤ 6' - 0" AFF TO TOP
	208Y/120V DISTRIBUTION PANELBOARD	≤ 6' - 0" AFF TO TOP
	480Y/277V DISTRIBUTION PANELBOARD	≤ 6' - 0" AFF TO TOP
	SWITCHBOARD	--
T	STEP-DOWN TRANSFORMER	--
	AUTOMATIC TRANSFER SWITCH	--
	GROUND BAR	
ATS	AUTOMATIC TRANSFER SWITCH ANNUNCIATOR PANEL	AS REQ'D

GENERAL NOTATIONS AND MOUNTING HEIGHTS

NOTE 1: ALL MOUNTING HEIGHTS REFER TO BOTTOM OF DEVICE, UNLESS OTHERWISE INDICATED.
A) 24" AFF INDICATES TO BOTTOM OF DEVICE;
B) 42" AFF INDICATES TO CENTER OF DEVICE;
C) 60" AFF INDICATES TO BOTTOM OF DEVICE;
D) 80" AFF INDICATES TO BOTTOM OF DEVICE;

NOTE 2: CONFIRM ALL BACKBOX SIZE WITH VENDOR SHOP DRAWINGS PRIOR TO ELECTRICAL ROUGH-IN.

2 - LEGEND NOTES: DENOTES "SEE LEGEND NOTE NO. 2"

02/E100 - DENOTES: REFERENCE DETAIL 02 ON DRAWING (SHEET) E100

02 E100 - DENOTES: REFERENCE ENLARGED DETAIL PLAN 02 ON DRAWING (SHEET) E100

717629 OR 717629 - EQUIPMENT (ID) NUMBER FOR OWNER PROVIDED EQUIPMENT. REFER TO OWNER'S EQUIPMENT BOOK / FF&E DOCUMENTS FOR DEFINITION AND REQUIREMENTS.

CODES AND STANDARDS

2018	WASHINGTON STATE BUILDING CODE
2018	WASHINGTON STATE EXISTING BUILDING CODE
2009	ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES DESIGN STANDARD
2018	INTERNATIONAL ENERGY CONSERVATION CODE (IECC) WITH STATE AMENDMENTS
2018	WASHINGTON STATE MECHANICAL CODE
2018	FUEL GAS CODE OF WASHINGTON
2018	WASHINGTON STATE PLUMBING CODE
2020	NATIONAL ELECTRIC CODE (NEC / NFPA 70)
2018	INTERNATIONAL FIRE CODE (IFC)
2005	USPS STANDARDS FOR FACILITY ACCESSIBILITY (RE-4)
2023	USPS STANDARDS DESIGN CRITERIA
2009	USPS BUILDING AND SITE SECURITY REQUIREMENTS HANDBOOK RE-5

LIGHTING SYMBOLS LEGEND

SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.

SYMBOL	DESCRIPTION	MNTG. HT. (U.N.O.)
	2'x4' LIGHT FIXTURE	NOTE 3
	2'x4' LIGHT FIXTURE (EMERGENCY)	NOTE 3
	2'x2' LIGHT FIXTURE	NOTE 3
	2'x2' LIGHT FIXTURE (EMERGENCY)	NOTE 3
	WALL MOUNTED LINEAR FIXTURE	NOTE 2
	WALL MOUNTED LINEAR FIXTURE (EMERGENCY)	NOTE 2
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE	NOTE 3
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE (EMERGENCY)	NOTE 3
	RECESSED/SURFACE DOWNLIGHT FIXTURE	NOTE 3
	RECESSED/SURFACE DOWNLIGHT FIXTURE (EMERGENCY)	NOTE 3
	WALL MOUNTED FIXTURE	NOTE 2
	WALL MOUNTED FIXTURE (EMERGENCY)	NOTE 2
	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH	NOTE 3
	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH (EMERGENCY)	NOTE 3
	HANGING RECTANGULAR PENDANT FIXTURE	NOTE 4
	HANGING RECTANGULAR PENDANT FIXTURE (EMERGENCY)	NOTE 4
	HANGING CIRCULAR PENDANT FIXTURE	NOTE 4
	HANGING CIRCULAR PENDANT FIXTURE (EMERGENCY)	NOTE 4
	EMERGENCY LIGHTING UNIT. WALL MOUNTED BATTERY-POWERED LIGHTING. CONNECT TO NORMAL CIRCUIT IN AREA SERVED	7'-6" A.F.F. U.N.O.
	CEILING MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	NOTE 2
	END MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	NOTE 2
	WALL MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	NOTE 2
	WALL PACK LIGHT FIXTURE	NOTE 2
	WALL PACK LIGHT FIXTURE (EMERGENCY)	NOTE 2
	EXTERIOR LIGHT POLE FIXTURE ON NORMAL CIRCUIT.	NOTE 2
	SPOT/FLOOD LIGHT FIXTURE.	--
$	WALL SWITCH SPST, 20A, 120/277V	NOTE 5
$D	WALL DIMMER SWITCH	NOTE 5
$K	KEY OPERATED WALL SWITCH	NOTE 5
$LV	LOW VOLTAGE WALL SWITCH	NOTE 5
$P	WALL SWITCH WITH PILOT LIGHT	NOTE 5
$T	WALL SWITCH WITH ADJUSTABLE COUNTDOWN TIMER	NOTE 5

LIGHTING NOTES:
1. ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.
2. REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR MOUNTING HEIGHTS. IT IS THE INTENT, UNLESS NOTED OTHERWISE, THAT SURFACE AND RECESSED FIXTURES ARE TO BE MOUNTED AT ARCHITECTS CEILING PLANE.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR MOUNTING HEIGHTS OF PENDANT FIXTURES. REFER TO LIGHTING FIXTURE SCHEDULE FOR PENDANT MATERIAL.
5. REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL MOUNTING HEIGHTS. WHERE MOUNTING HEIGHT IS NOT INDICATED BY ARCHITECT, PROVIDE AT 42" AFF TO CENTER.

OCCUPANCY SENSOR/CONTROLS SYMBOLS LEGEND

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.

SYMBOL	DESCRIPTION	MNTG. HT. (U.N.O.)
OS	OCCUPANCY SENSOR, DUAL TECHNOLOGY	CLNG
OS US	OCCUPANCY SENSOR, ULTRASONIC	CLNG
VS DT	VACANCY SENSOR, DUAL TECHNOLOGY	CLNG
$O	WALL SWITCH OCCUPANCY SENSOR CONTROL	NOTE 1
$OT	WALL TIMER SWITCH OCCUPANCY SENSOR CONTROL	NOTE 1
$V	WALL SWITCH VACANCY SENSOR CONTROL	NOTE 1

OCCUPANCY SENSOR/CONTROLS NOTES:
1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES.

SHEET INDEX

Sheet Number	Sheet Name
E001	ELECTRICAL GENERAL INFORMATION
ES100	ELECTRICAL SITE PLAN
ED100	ELECTRICAL DEMOLITION PLAN
E100	ELECTRICAL POWER & LIGHTING PLANS
E400	ELECTRICAL ONE-LINE DIAGRAM
E401	ELECTRICAL SCHEDULES
E500	ELECTRICAL DETAILS

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UNITED STATES POSTAL SERVICE

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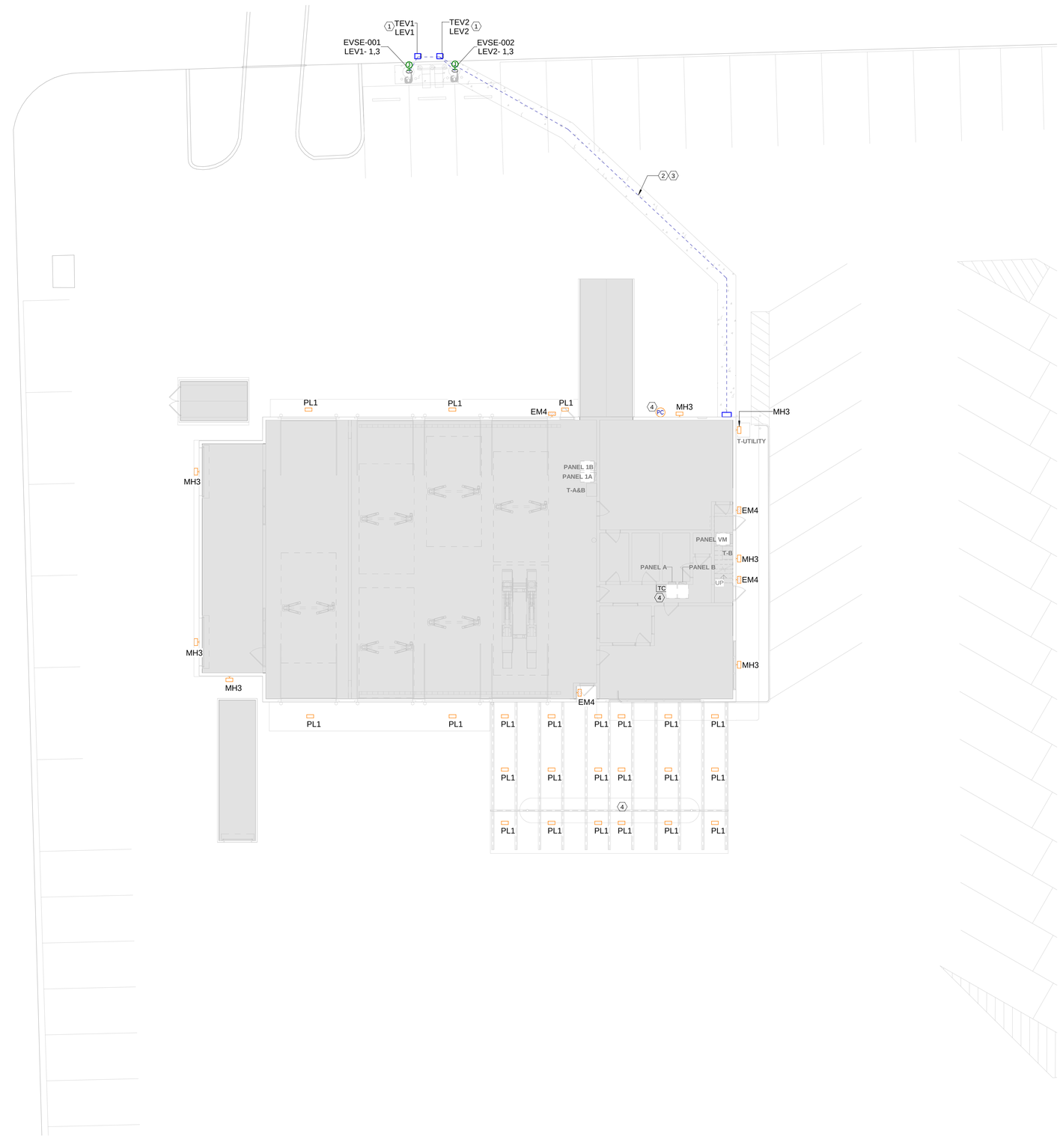

N

1 SITE PLAN
ES100
SCALE: 1" = 10'-0"

GENERAL NOTES

A. REFER TO E-001 FOR SYMBOLS LEGEND.

B. PROTECT EXISTING TO REMAIN CONDITIONS FROM DAMAGE DURING DEMOLITION AND/OR NEW CONSTRUCTION OPERATIONS.

C. EXISTING CIRCUITING TO REMAIN SHALL BE RECONNECTED AS REQUIRED WHERE AFFECTED BY DEMOLITION OR NEW WORK TO MAINTAIN THE CONTINUITY OF THE CIRCUIT.

D. ROUTING SHOWN ON PLANS DOES NOT ACCOUNT FOR EXISTING UTILITIES OR RACEWAYS THAT MAY BE PRESENT. COORDINATE ALL EXCAVATION WITH GENERAL CONTRACTOR AND CIVIL CONTRACTOR.

E. PROVIDE HAND HOLES PER NEC FOR POWER.

F. ALL BUILDING ENTRY POINTS SHALL BE COORDINATED WITH GENERAL CONTRACTOR/USPS FOR PHASING AND EXACT LOCATION.

G. PROVIDE CONCRETE DUCTBANK FOR AREAS UNDER VEHICLE TRAFFIC OR PARKING.

H. ALL CONDUIT SIZING AND ROUTING SHOWN FOR PROCUREMENT AND COORDINATION PURPOSES AND SHALL BE VERIFIED WITH FINAL EQUIPMENT DIMENSIONS.

I. ALL UNDERGROUND WIRING SHALL BE INSTALLED IN PVC CONDUIT AND BURIED AT A DEPTH OF NOT LESS THAN 2 FT. BELOW GRADE. SEAL CONDUITS TERMINATING BELOW GRADE TO PREVENT ENTRY OF DIRT OR MOISTURE. PROVIDE RED DETECTABLE WARNING TAPE 12 INCHES ABOVE ALL UNDERGROUND CONDUIT ROUTINGS. SPLICES SHALL BE TERMINATED ABOVE GRADE. PROVIDE PVC ELBOWS AND CONDUIT TURNING UP FROM GRADE.

J. COORDINATE WITH GC AND ALL TRADES TO DISCONNECT AND MAKE SAFE ANY POWERED EQUIPMENT THAT SHALL BE DEMOLISHED.

K. MAINTAIN AT LEAST 12" SEPARATION BETWEEN 480V AND 208V CONDUIT WHERE POSSIBLE.

L. REFER TO E100 FOR LIGHTING CIRCUITING INFORMATION.

M. REFER TO E500 FOR EXTERIOR LIGHTING CONTROL INFORMATION.

N. REFER TO E500 FOR ELECTRIC VEHICLE CHARGER DETAIL.

O. ALL THE EXTERIOR AND CANOPY LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH.

LEGEND NOTES

1 PROVIDE MOUNTING FOR 25 KVA MINI POWER ZONE. REFER TO CIVIL DRAWINGS FOR STRUCTURAL DETAIL. COORDINATE WITH EQUIPMENT SHOP DRAWINGS FOR CLEARANCE AND INSTALLATION INSTRUCTIONS.

2 TRANSITION ELECTRICAL RACEWAYS FOR CHARGERS OVERHEAD FROM UTILITY ROOM TO UNDERGROUND. PROVIDE PULL BOXES AS NECESSARY PER NEC AND COORDINATE LOCATION WITH EXISTING UTILITIES AND STRUCTURE. COORDINATE EXCAVATION PATHWAYS WITH GC. COORDINATE PHASING OF EXCAVATION/SAWCUTTING FOR ELECTRICAL WORK WITH GC AS TO NOT AFFECT NEW PAVEMENT AND STRIPING WORK.

3 REFER TO DETAILS 1 AND 2 ON E500 FOR UNDERGROUND ELECTRICAL RACEWAY REQUIREMENTS.

4 CANOPY AND EXTERIOR WALL MOUNTED LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH. REFER SHEET E500 FOR SITE LIGHTING CONTROL DETAILS.

0 5' 10' 20'
1" = 10'-0"

KORTE build smart.

WSP USA INC.
211 N. BROADWAY,
ST. LOUIS, MO 63102

LYNWOOD (NORTH) VMF
6821 208TH ST SW
LYNNWOOD WA 98036

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Revisions:

ES100 ELECTRICAL SITE PLAN
Scale: AS NOTED Date: Jan 10, 2024
Project: LYNWOOD (NORTH) VMF
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DEMO NOTES - POWER

A. DEMOLITION DRAWINGS ARE BASED ON EXISTING PLANS AND LIMITED FIELD INVESTIGATION.

B. PROVIDE DEMOLITION WORK SHOWN ON THE DRAWINGS AND RELATED AND INCIDENTAL DEMOLITION WORK REQUIRED TO COMPLETE NEW CONSTRUCTION WORK.

C. FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF DEMOLITION OPERATIONS. BRING ANY DISCREPANCIES WHICH MAY SIGNIFICANTLY AFFECT DEMOLITION OR NEW CONSTRUCTION WORK TO THE ATTENTION OF THE ENGINEER FOR REVIEW.

D. PROTECT EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING DEMOLITION AND/OR NEW CONSTRUCTION OPERATIONS.

LEGEND NOTES

1 COORDINATE WITH GENERAL CONTRACTOR TO DISCONNECT AND MAKE SAFE ANY EQUIPMENT ABOVE THIS LIFT. EQUIPMENT AND UTILITY ROUTING SHALL BE ADJUSTED TO INCREASE CLEARANCE ABOVE LIFT AREA TO 15'-3" A.F.F. MINIMUM. FIELD VERIFY EXTENT OF WORK (CONDUITS, ETC.) THAT SHALL BE MODIFIED TO ACCOMMODATE MIN. CLEARANCE HEIGHT DURING PREPROPOSAL MEETING.

DEMO NOTES - LIGHTING

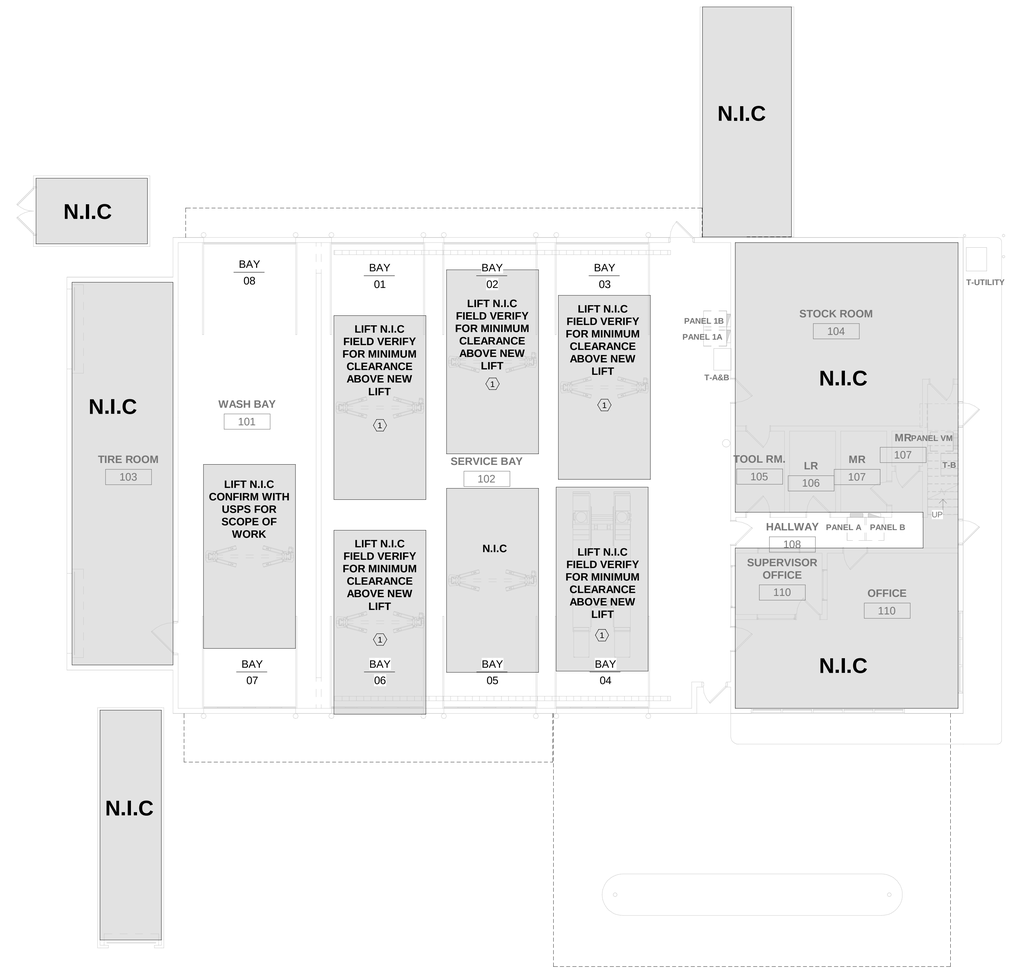
A. LIGHT FIXTURES AND ASSOCIATED LIGHTING CIRCUITRY & CONTROLS WITHIN THE INDICATED LIGHTING DEMOLITION AREAS TO BE REMOVED. CONTRACTOR SHALL REMOVE CONDUCTORS BACK TO SOURCE. REFER TO NEW WORK LIGHTING PLANS PRIOR TO START OF DEMOLITION. TRACE LIGHTING BACK TO PANEL AND VERIFY CIRCUIT NUMBER. ONLY VERTICAL CONDUIT HIDDEN IN BLOCK OR FINISHED WALLS MAY BE RE-USED TO MINIMIZE PATCHWORK. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND PREPARE PANELS FOR NEW CIRCUIT.

B. DISCONNECT AND REMOVE LIGHT SWITCHES AND ASSOCIATED WIRING AND CONDUIT ON EXISTING WALLS THAT ARE TO REMAIN WITHIN INDICATED LIGHTING DEMOLITION AREAS. REMOVE BRANCH CIRCUITS BACK TO EXISTING PANELS AND MARK AS "SPARE." LIGHTING CONTROLS TO BE REPLACED IN NEW WORK PHASE. PLACE NEW LIGHTING CONTROLS DEVICES IN LOCATION TO MINIMIZE PATCH WORK.

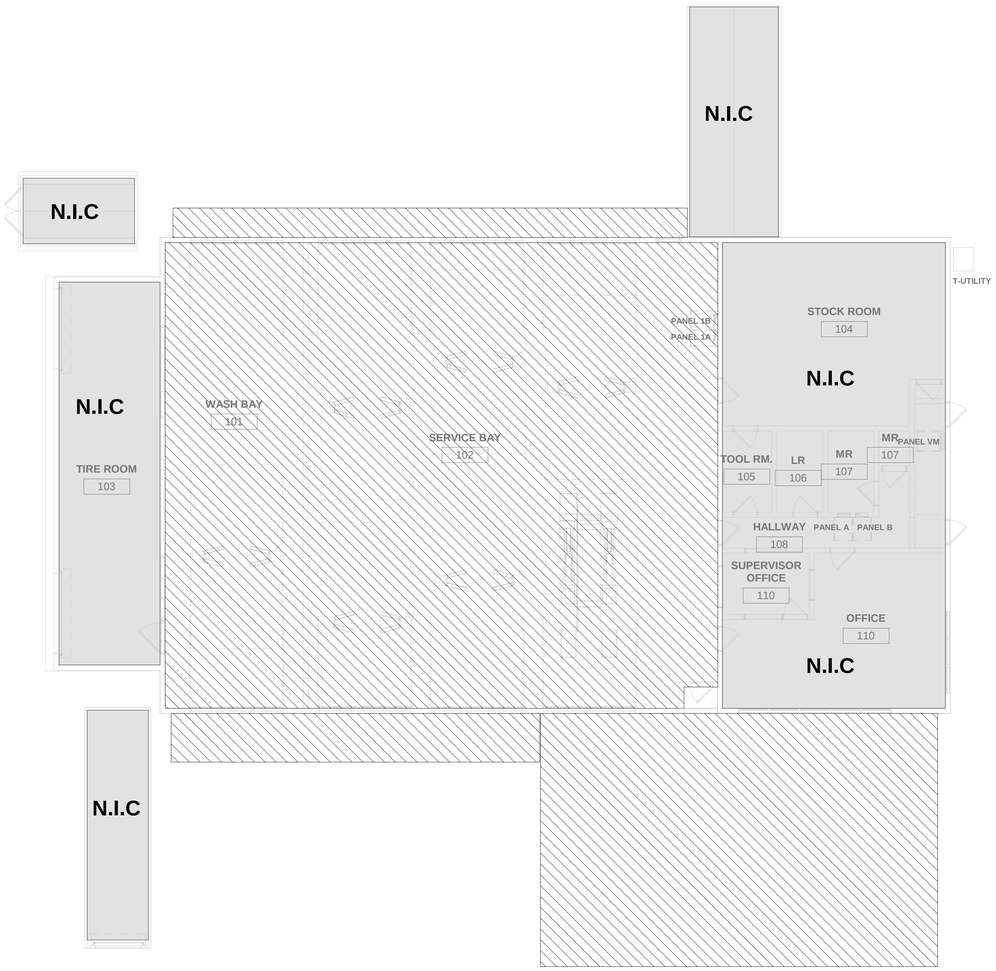
C. DISCONNECT EXTERIOR BUILDING MOUNTED LIGHTS. COORDINATE WITH GC TO PATCH AFTER DEMOLITION.

DEMO NOTES -LIFTS

A. FOR LIFTS THAT ARE NOT IN SCOPE OF WORK FOR THIS PROJECT, PROTECT AND MAINTAIN. FOR ALL LIFTS, FIELD VERIFY THAT NO ELECTRICAL WIRING, DEVICES, RACEWAYS, INTERFERE WITH MINIMUM 15'-3" CLEARANCE ABOVE REPLACEMENT LIFT LOCATION. IF DEVICE/EQUIPMENT/RACEWAY/WIRING INTERFERES WITH 15'-3" CLEARANCE, COORDINATE WITH GENERAL CONTRACTOR TO DISCONNECT AND MAKE SAFE TO ALLOW FOR RAISING. IF ELECTRICAL DEVICE/EQUIPMENT/WIRING RUNS THROUGH CLEARANCE ZONE, RAISE/ADJUST ROUTING TO ACHIEVE MINIMUM VERTICAL CLEARANCE.



N 1 ED100 LEVEL 1 POWER FLOOR PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"



N 2 ED100 LEVEL 1 LIGHTING PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"

0 4' 8' 16'
1/8" = 1'-0"

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GENERAL NOTES

A. REFER TO E001 FOR SYMBOL LEGEND, ABBREVIATIONS, AND NOTES.

B. REFER TO E400 FOR ONE-LINE DIAGRAMS, AND PANEL SCHEDULES.

C. REFER TO E401 FOR LIGHTING FIXTURE SCHEDULE AND LIGHTING CONTROLS SCHEDULE.

D. REFER TO E500 FOR DETAILS.

E. COORDINATE WITH GENERAL CONTRACTOR FOR FINAL LIGHT LOCATIONS WITH VERIFIED EXISTING BUILDING DIMENSIONS AND FINAL LIFT LOCATIONS TO MAINTAIN CLEARANCES AROUND AND ABOVE LIFT FOR VEHICLES.

LEGEND NOTES

1 COORDINATE WITH GENERAL CONTRACTOR TO DISCONNECT AND MAKE SAFE ANY EQUIPMENT ABOVE THIS LIFT. EQUIPMENT AND UTILITY ROUTING SHALL BE ADJUSTED TO INCREASE CLEARANCE ABOVE LIFT AREA TO 15'-3" A.F.F. MINIMUM. FIELD VERIFY EXTENT OF WORK (CONDUITS, ETC.) THAT SHALL BE MODIFIED TO ACCOMMODATE MIN. CLEARANCE HEIGHT DURING PREPROPOSAL MEETING.

2 CANOPY AND EXTERIOR WALL MOUNTED LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH. REFER SHEET E500 FOR SITE LIGHTING CONTROL DETAILS.

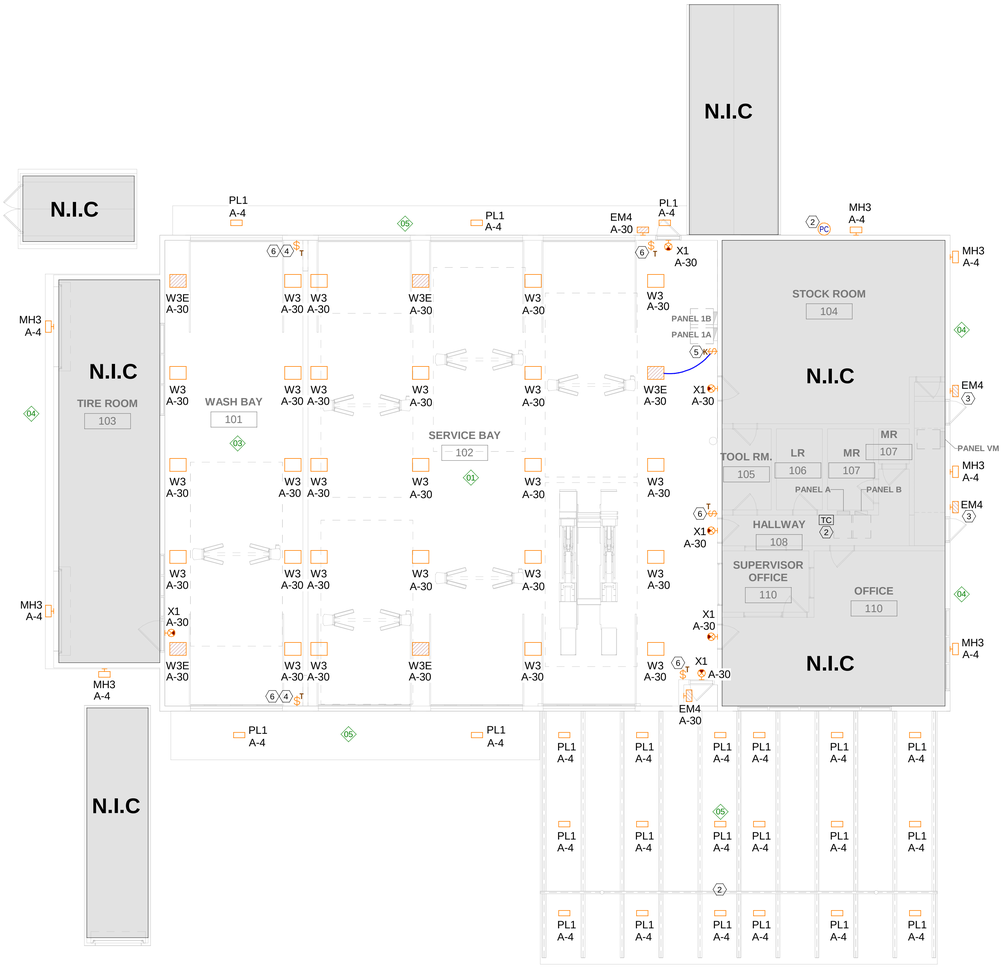
3 CIRCUIT NEW BATTERY-BACKED EMERGENCY LIGHT FIXTURE TO EXISTING INTERIOR LIGHTING CIRCUIT. PROVIDE UNSWICTHED HOT CONDUCTOR TO SENSE NORMAL POWER LOSS.

4 PROVIDE NEMA 6P ENCLOSURES FOR LIGHTING CONTROL DEVICES IN WASH BAY.

5 PROVIDE OVERRIDE MANUAL SWITCH FOR SINGLE HIGH BAY LIGHT NEAR ELECTRICAL EQUIPMENT.

6 TIME SWITCH FOR HIGH OUTPUT PROGRAMMED FOR MAXIMUM OF 4 HRS. REFER TO LIGHTING CONTROL SCHEDULE ON E401 FOR MORE INFORMATION.

N 1 E100 LEVEL 1 POWER FLOOR PLAN
SCALE: 1/8" = 1'-0"



N 2 E100 LEVEL 1 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16'
1/8" = 1'-0"

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COPPER WIRE & CONDUIT SCHEDULE

TAG	AMPACITY	PHASE		NEUTRAL		GROUND		CONDUIT	
		NO. WIRES	SIZE (AWG OR KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	QTY.	SIZE
20	20	3	#12	-	-	1	#12	1	3/4"
20N	20	3	#12	1	#12	1	#12	1	3/4"
30	30	3	#10	-	-	1	#10	1	3/4"
80/2	80	2	#4	-	-	1	#8	1	1"
100/2	100	2	#3	-	-	1	#8	1	1"

ALUMINUM WIRE & CONDUIT SCHEDULE

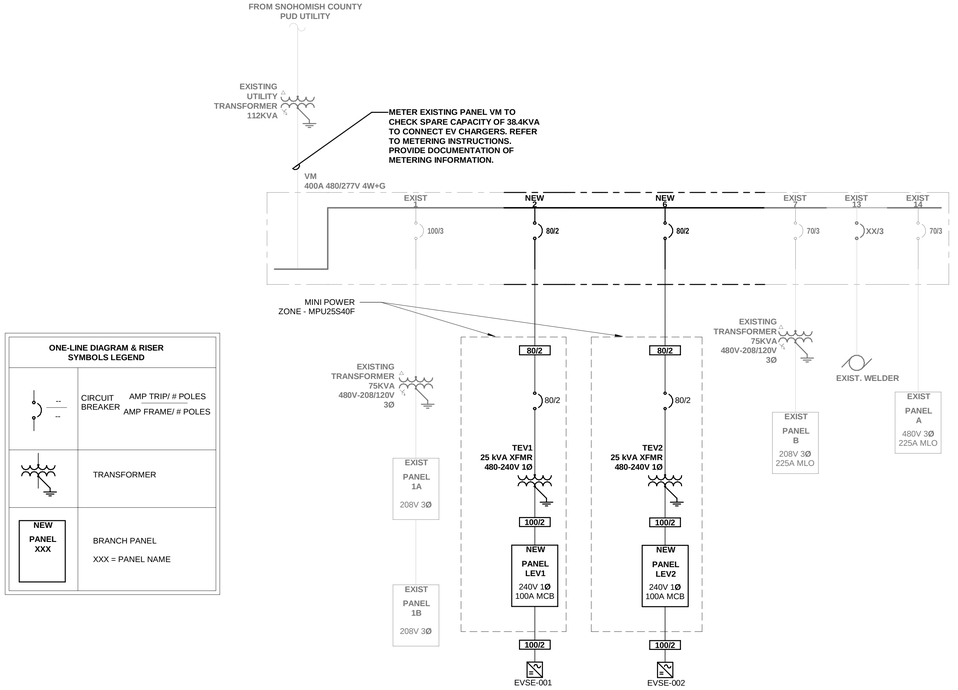
TAG	AMPACITY	PHASE		NEUTRAL		GROUND		CONDUIT	
		NO. WIRES	SIZE (AWG OR KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	QTY.	SIZE
110	110	3	1/0	-	-	1	#4	1	1 1/2"
110N	110	3	1/0	1	1/0	1	#4	1	2"
125	125	3	2/0	-	-	1	#4	1	2"
125N	125	3	2/0	1	2/0	1	#4	1	2"
150	150	3	3/0	-	-	1	#4	1	2"
150N	150	3	3/0	1	3/0	1	#4	1	2"

NOTES:

1. SIZES BASED ON THHN/THWN/THWN-2 CONDUCTORS AND PVC/EMT CONDUIT SIZES IN NEC TABLE 9. EXTERIOR CONDUCTORS SHALL BE 90° XHHW.
2. AMPACITY BASED ON 90°C RATING.
3. FEEDERS SERVING TRANSFORMERS DO NOT REQUIRE A GROUND. FOR TRANSFORMERS GEC, MATCH SIZE OF EGC SHOWN ON FEEDER SCHEDULE.
4. COMPACT STRANDED ALUMINUM CONDUCTORS MAY BE USED FOR CONDUCTORS #1/0 AND LARGER IF EQUIPPED WITH COMPRESSION LUGS AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

ELECTRICAL LOAD ANALYSIS (985- LYNNWOOD VMF)	
UTILITY PROVIDER	SNOHOMISH COUNTY PUD
UTILITY CONTACT	karl Haack kjhaack@snopud.com 425 670 3208
VMF FED BY MAIN BUILDING	NO
EXISTING MAIN BUILDING TRANSFORMER SIZE (IF APPLICABLE)	150KVA
VMF DISTRIBUTION VOLTAGE	480/277V
EXISTING VMF TRANSFORMER SIZE	112 KVA
EXISTING VMF DISTRIBUTION SIZE (MCB)	400 A
VMF BUILDING CAPACITY (80% OF MCB)	320 A
EXISTING ELEC PEAK LOAD (AS PER UTILITY)	118 KW (BOTH BUILDINGS)
EXISTING PEAK LOAD MONTH	Sep-14
NEC EXISTING LOAD FACTOR OF 25% PEAK	29.5 KW
REMAINING CAPACITY	101.4 KW (BOTH BUILDINGS) EC HAS TO METER VMF PANEL-VM FOR SPARE CAPACITY
ADDED CHARGER LOAD	(2) CHARGERS AT 19,200 W EACH =38.4 KW (240V 1Ø)
UTILITY UPGRADE NEEDED	NO
FEEDER FROM MAIN BUILDING UPGRADE NEEDED (IF APPLICABLE)	NO
NOTES	PEAK CONSUMPTION INFORMATION OBTAINED FROM UTILITY

NOTE: SCOPE OF WORK IS RENOVATION OF EXISTING BUILDING. ONLY NEW/ADDED LOADS ARE SHOWN ON PANEL SCHEDULES. EXISTING LOAD VALUES ARE NOT KNOWN AND DEPICTED AS 0.



1 E400 ELECTRICAL ONE-LINE DIAGRAM
SCALE: NTS

ONE-LINE DIAGRAM & RISER SYMBOLS LEGEND

- CIRCUIT BREAKER — AMP TRIP/ # POLES; AMP FRAME/ # POLES
- TRANSFORMER
- NEW PANEL XXX — BRANCH PANEL; XXX = PANEL NAME

TRANSFORMER SCHEDULE

IDENTIFICATION	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	MOUNTING STYLE	LOCATION	K-RATING	WINDINGS	TEMPERATURE RATING	NOTES
TEV1	25	480 V	240	1	STEEL STRUCTURE	EXTERIOR	STD	ALUMINUM	150°C	
TEV2	25	480 V	240	1	STEEL STRUCTURE	EXTERIOR	STD	ALUMINUM	150°C	

NOTE: STOCK OPTIONS HAVE BEEN SPECIFIED DUE TO CONSTRUCTION SCHEDULE. EQUIPMENT LEAD TIMES HAVE BEEN COORDINATED WITH SCHNEIDER FOR 22.5/25 kVA MINI POWER-ZONE INTEGRATED EQUIPMENT FOR EVSE SUPPORT. COORDINATE WITH SCHNEIDER ELECTRIC ON PROCUREMENT OF MINI POWER-ZONE FOR USPS VMF PROGRAM

LIFTS ELECTRICAL REQUIREMENTS SCHEDULE

NAME	DESCRIPTION	LOCATION	HP	VOLTAGE	PHASE	MCA	MOCP	ENCLOSURE TYPE	DISCONNECT					CONTROL DEVICE			FEEDER INFORMATION								REMARKS
									FURNISHED BY	INSTALLED BY	TYPE	SWITCH/ FUSE SIZE	LOCATION	FURNISHED BY	WIRED BY	TYPE	PANEL	CIRCUIT	(L.C.) QTY	LINE	(GND) QTY	GROUND	(CNDT) QTY	CONDUIT	

EVSE SCHEDULE

EVSE #	EV KIT #	DESCRIPTION	LOCATION	PHASE	VOLTS	POWER OUTPUT	ELECTRICAL OUTPUT (VA)	CB RATING	POLES	FEEDER INFORMATION		REMARKS
										PANEL	CIRCUIT	
EVSE-001	CP001	240V 1Ø - 80A (100A BREAKER)	EXTERIOR	1	240 V	80 A	19,200	100 A	2	LEV1	1,3	
EVSE-002	CP001	240V 1Ø - 80A (100A BREAKER)	EXTERIOR	1	240 V	80 A	19,200	100 A	2	LEV2	1,3	

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LIGHTING FIXTURE SCHEDULE

TYPE	COUNT	DESCRIPTION	MOUNTING	COLOR TEMP.	LUMENS	VA	VOLTAGE	MANUFACTURER	CATALOG NUMBER
EM4	4	WALL MOUNTED EMERGENCY EXIT DISCHARGE LIGHT, SELF DIAGNOSTIC LITHIUM IRON PHOSPHATE BATTERY, FIELD CONFIGURABLE THROW OPTICS.	WALL-8' AFF	-	-	12	277 V	LITHONIA	AFFOELDWHGXDUVOLTLTPSDRTFCT
MH3	7	WALL MOUNTED LED LIGHT, TYPE 4 DISTRIBUTION, WHITE FINISH, IP 65 RATED, WET LOCATION LISTED.	WALL-11' AFF	4,000K	2863	29	277 V	LITHONIA	MRWLED P2 40K SR4 MVOLT PIR DWXHD
PL1	23	EXTERIOR SURFACE MOUNTED LED CANOPY LIGHTS, DIE CAST ALUMINUM HOUSING, TYPE 5 MEDIUM DISTRIBUTION, IP66 RATED, WET LOCATION LISTED.	SURFACE MOUNTED	4,000K	10092	107	277 V	LITHONIA	DSXSC LED 30C 1000 40K T5M MVOLT SRM PIR3FC3V DWHXD
W3	25	2'X2' HIGH BAY SUSPENDED LED LIGHT, TEXTURED ACRYLIC LENS, WIDE DISTRIBUTION, SUPER DURABLE WHITE COLOR FINISH, DIE CAST ALUMINUM HOSUING, THERMOSET POWDER COAT FINISH, WET LOCATION LISTED, IP65 RATED.	CABLE- 18' AFF	4,000K	148690	97	277 V	LITHONIA	XIB L24 15000LM ATWD MVOLT GZ10 40K 80CRI WGX DWHXD
W3E	5	2'X2' HIGH BAY SUSPENDED LED LIGHT, TEXTURED ACRYLIC LENS, WIDE DISTRIBUTION, SUPER DURABLE WHITE COLOR FINISH, DIE CAST ALUMINUM HOUSING, THERMOSET POWDER COAT FINISH, WET LOCATION LISTED, IP65 RATED. PROVIDE WITH SELF-DIAGNOSTIC BATTERY PACK.	CABLE- 18' AFF	4,000K	14860	97	277 V	LITHONIA	XIB L24 15000LM ATWD MVOLT GZ10 40K 80CRI NLTAIR2 RMSOD45 DHWXD E15WMCP
X1	6	SINGLE FACE WALL MOUNTED SELF POWERED AND SELF-DIAGNOSTICS LED EXIT LIGHT, WHITE HOUSING COLOR, RED COLORED LETTERS, NICKEL CADMIUM BATTERY.	ABOVE DOOR	N/A	N/A	1	277 V	LITHONIA	LQM S W 3 R 120/277 ELN SD

NOTES:
1. LIGHTING FIXTURE SCHEDULE IS BASIS OF DESIGN AND SUBSTITUTIONS BASED ON SPECIFICATIONS SECTION 26 51 00 IS ACCEPTABLE, HOWEVER, ANY SUBSTITUTES CHOSEN SHALL MEET CONSTRUCTION DEADLINE. CONTRACTOR SHALL REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. EC TO PROVIDE MOUNTING HARDWARE FOR WALL/CEILING/PENDENT MOUNT.
3. PROVIDE WITH LUMINAIRE MOUNTED OCCUPANCY SENSORS AS PER SCHEDULE.

LIGHTING CONTROL DEVICE SCHEDULE

DESCRIPTION	MANUFACTURER	MODEL	COUNT
OVERRIDE MANUAL SWITCH	nLIGHT ACUITY	nPOD KEY	1
PHOTOCELL	INTERMATIC OR TORK	K4141C OR 2002	1
TIME CLOCK	INTERMATIC OR TORK	ET70000 OR ELC SERIES	1
TIME SWITCH	nLIGHT ACUITY	nPOD MA 2L	5

LIGHTING CONTROL SCHEDULE IS BASIS OF DESIGN AND SUBSTITUTIONS BASED ON SPECIFICATIONS SECTION 26 06 23 IS ACCEPTABLE, HOWEVER, ANY SUBSTITUTES CHOSEN SHALL MEET CONSTRUCTION DEADLINE. CONTRACTOR SHALL REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

LIGHTING CONTROL REQUIREMENTS AND SEQUENCE OF OPERATIONS

TAG	SPACE TYPE	NORMAL BUSINESS HOURS		AFTER BUSINESS HOURS		CONTROL SYSTEM TYPE	OCCUPANCY SENSOR		PHOTOCELL CONTROL	MANUAL OVERRIDE		EMERGENCY FIXTURES CONTROLLED
		LIGHTING	RECEPTACLES	LIGHTING	RECEPTACLES		TYPE / LOCATION	SETPOINT		DEVICE	DURATION	
01	VEHICLE SERVICE BAY	OCCUPANCY SENSOR ACTIVATES TO 50%. OFF AFTER 20 MINUTES OF INACTIVITY	N/A	NO CHANGE	N/A	STANDALONE	DUAL-TECH / INTEGRAL	AUTO ON TO 50% / OFF IN 20 MIN	N/A	TIMER SWITCH - HIGH OUTPUT	4 HRS	NO
03	WASH BAY	OCCUPANCY SENSOR ACTIVATES TO 50%. OFF AFTER 20 MINUTES OF INACTIVITY	N/A	NO CHANGE	N/A	STANDALONE	DUAL-TECH / INTEGRAL	AUTO ON TO 50% / OFF IN 20 MIN	N/A	TIMER SWITCH - HIGH OUTPUT	4 HRS	NO
04	EXTERIOR LIGHTING	CONTROLLED VIA PHOTOCELL ONLY	N/A	FOR THE TIME BETWEEN 1 HOUR AFTER BUSINESS HOURS AND 1 HOUR PRIOR TO BUSINESS HOURS; CONTROLLED BY PHOTOCELL AND OCCUPANCY SENSOR	N/A	STANDALONE	TIME CLOCK/PHOTOCELL/ OCCUPANCY SENSOR	AUTO ON TO 100% / OFF IN 20 MIN	YES	ON/OFF VIA ASTRONOMICAL TIME CLOCK, PHOTOCELL, AND OCCUPANCY CONTROLS	OFF HOURS	N/A
05	EXTERIOR CANOPY	CONTROLLED VIA PHOTOCELL ONLY	N/A	FOR THE TIME BETWEEN 1 HOUR AFTER BUSINESS HOURS AND 1 HOUR PRIOR TO BUSINESS HOURS; CONTROLLED BY PHOTOCELL AND OCCUPANCY SENSOR	N/A	STANDALONE	TIME CLOCK/PHOTOCELL/ OCCUPANCY SENSOR	AUTO ON TO 100% / OFF IN 20 MIN	YES	ON/OFF VIA ASTRONOMICAL TIME CLOCK, PHOTOCELL, AND OCCUPANCY CONTROLS	OFF HOURS	N/A

NOTES:
1. SETPOINTS AND TIME SCHEDULES MUST BE VERIFIED WITH OWNER PRIOR TO PROGRAMMING.
2. PROVIDE QUANTITY AND COVERAGE PATTERN OF OCCUPANCY/VACANCY SENSORS WHERE REQUIRED BY THIS SCHEDULE TO COVER ENTIRE ROOM/SPACE CONTROLLED. QUANTITY AND LOCATION OF SENSORS INDICATED ON DRAWINGS IS FOR COORDINATION AND PRICING PURPOSES, AND SHALL BE VERIFIED BY SELECTED MANUFACTURER PRIOR TO SUBMISISON OF SHOP DRAWINGS.
3. PROVIDE NUMBER OF RELAYS/POWER PACKS TO CONTROL ALL LIGHTING ZONES AND CIRCUITS SHOWN ON PLANS.
4. PROVIDE UNSWITCHED HOT CONDUCTOR TO FIXTURES WITH INTEGRAL BATTERY PACKS TO SENSE POWER LOSS.
5. NO DAYLIGHTING IS PROVIDED IN THIS PROJECT DUE TO DISTANCE OF CEILING GRIDS/LIGHT FIXTURES FROM WINDOWS.
6. WASH BAYS WHICH HAVE LIFTS INSTALLED ARE CONSIDERED TO HAVE BEEN REPURPOSED INTO VEHICLE SERVICE BAYS. ENVIRONMENT IS CONSIDERED TO BE THE SAME AS VEHICLE SERVICE BAYS.
7. WIRELESS CONTROLS ENCOURAGED FOR WORK BAY HIGH BAY FIXTURES. PROVIDE HEAD END EQUIPMENT, POWER TO EQUIPMENT, AND PROGRAMMING AS NECESSARY TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
8. EACH MANUAL COUNTDOWN TIMER MUST BE DIGITAL TYPE MOUNTED AT 48" AFF TO ALLOW FOR LIGHTING FOR THE HIGH OUTPUT LEVEL ILLUMINATION ZONE TO BE ENERGIZED FOR UP TO (4) HOURS WITH OCCUPANCY DETECTION. SWITCH MUST BE LABELED FOR IDENTIFICATION AS DIRECTED BY USPS PERSONNEL.

NEW: LEV1

LOCATION: EXTERIOR
MAIN BUS: 100 A
MCB: 100A
VOLTAGE: 120/240 Single
FED FROM: TEV1
WIRES: 2W + G
ENCLOSURE: NEMA 3R
BUS TYPE: COPPER
MOUNTING: STEEL STRUCTURE
PANEL LUGS: MCB
NEUTRAL BUS: NO
GROUND BUS: YES
AIC AVAILABLE: 0 A
AIC RATING: 10000 A

CKT NO.	DESCRIPTION	TRIP	POLES	A (VA)	B (VA)	POLES	TRIP	DESCRIPTION	CKT NO.
1	**EVSE-001**	**100 A**	**2**	9600	--	1	--	SPACE	2
3					9600 --	1	--	SPACE	4
5	SPACE	--	1	-- --		1	--	SPACE	6
	TOTAL LOAD (VA)			9,600 VA	9,600 VA				
	TOTAL CURRENT (AMPS)			80.0 A	80.0 A				

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	kVA	AMPS
EV CHARGER	19,200	19,200			
			TOTAL CONNECTED LOAD:	19.2	80
			TOTAL ESTIMATED DEMAND:	19.2	80

NOTES:

NEW: LEV2

LOCATION: EXTERIOR
MAIN BUS: 100 A
MCB: 100A
VOLTAGE: 120/240 Single
FED FROM: TEV2
WIRES: 2W + G
ENCLOSURE: NEMA 3R
BUS TYPE: COPPER
MOUNTING: STEEL STRUCTURE
PANEL LUGS: MCB
NEUTRAL BUS: NO
GROUND BUS: YES
AIC AVAILABLE: 0 A
AIC RATING: 10000 A

CKT NO.	DESCRIPTION	TRIP	POLES	A (VA)	B (VA)	POLES	TRIP	DESCRIPTION	CKT NO.
1	**EVSE-002**	**100 A**	**2**	9600	--	1	--	SPACE	2
3					9600 --	1	--	SPACE	4
5	SPACE		1	-- --		1	--	SPACE	6
	TOTAL LOAD (VA)			9,600 VA	9,600 VA				
	TOTAL CURRENT (AMPS)			80.0 A	80.0 A				

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	kVA	AMPS
EV CHARGER	19,200	19,200			
			TOTAL CONNECTED LOAD:	19.2	80
			TOTAL ESTIMATED DEMAND:	19.2	80

NOTES:

EXISTING: PANEL VM

LOCATION: HALLWAY 108
MAIN BUS: 400 A
MCB: N/A
VOLTAGE: 480/277 WYE
FED FROM: T-UTILITY
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE:
MOUNTING: SURFACE
PANEL LUGS: MLO
NEUTRAL BUS: YES
GROUND BUS: YES
AIC AVAILABLE:
AIC RATING:

CKT NO.	DESCRIPTION	TRIP	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP	DESCRIPTION	CKT NO.
1	EXIST. PANEL 1A&1B XFMR 75KVA	100	3	0 9600			**2**	**80**	**TEV1 (NOTE-1)**	2
3					0 9600					4
5						0 9600	**2**	**80**	**TEV2 (NOTE-1)**	6
7				0 9600						8
9	EXIST. PANEL B VIA T-B	70	3		0 --		1	--	SPACE	10
11						0 --	1	--	SPACE	12
13				-- 0						14
15	EXIST. WELDER	--	3		-- 2664		3	70	EXIST. PANEL A	16
17						-- 2939				18
	TOTAL LOAD (VA)			19,200 VA	12,264 VA	12,539 VA				
	TOTAL CURRENT (AMPS)			69.5 A	44.2 A	45.4 A				

LOAD CLASSIFICATION	ADDED LOAD (VA)	ADDED ESTIMATED DEMAND (VA)	PANEL TOTALS	kVA	AMPS
LGHT	5,603	5,603			
EV CHARGER	38,400	38,400	EXISTING CONNECTED LOAD:	TBD	TBD
			REMOVED CONNECTED LOAD:	TBD	TBD
			TOTAL ADDED LOAD:	44	52.9
			TOTAL ADDED ESTIMATED DEMAND:	44	52.9

NOTES: 1. PROVIDE 80A/2P CIRCUIT BREAKER IN EXISTING SPARE/SPACE.
2. DEMO EXISTING SPARE AND MAKE IT AS SPACE.

EXISTING: PANEL A

LOCATION: HALLWAY 108
MAIN BUS: 225 A
MCB: N/A
VOLTAGE: 480/277 WYE
FED FROM: PANEL VM
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE:
MOUNTING: RECESSED
PANEL LUGS: MLO
NEUTRAL BUS: YES
GROUND BUS: YES
AIC AVAILABLE:
AIC RATING:

CKT NO.	DESCRIPTION	TRIP	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP	DESCRIPTION	CKT NO.
1	EXIST. LUBE ROOM LIGHTS	20	1	0 0			1	20	EXIST. BALCONY LIGHTS	2
3	EXIST. LUBE ROOM LIGHTS	20	1		0 2664		**1**	**20**	**EXT & CANOPY LTG (NOTE-1)**	4
5	EXIST. LUBE ROOM LIGHTS	20	1			0 0	1	20	EXIST. OFFICE & HALL LTS	6
7				0 0						8
9	EXIST. HYD PUMP & AIR COMPR	40	3		0 0		3	30	EXIST. HOT WATER TANK	10
11						0 0				12
13				0 0						14
15	EXIST. AIR HAND UNIT & AIR COMPR	20	3		0 0		3	20	EXIST. GAS ISLAND POLE LIGHT	16
17						0 0				18
19				0 0						20
21	EXIST. VEHICLE EXHAUST FAN	20	3		0 0		3	30	EXISTING LOAD	22
23						0 0				24
25	EXISTING LOAD	20	1	0 0			1	20	EXIST. GAS ISLAND FLOOD...	26
27	EXISTING LOAD	20	1		0 0		1	20	EXISTING LOAD	28
29	EXISTING LOAD	20	1			0 2939	**1**	**20**	**LTG-ROOMS 101&102 (NOTE-2)**	30
	TOTAL LOAD (VA)			0 VA	2,664 VA	2,939 VA				
	TOTAL CURRENT (AMPS)			0.0 A	11.1 A	12.1 A				

LOAD CLASSIFICATION	ADDED LOAD (VA)	ADDED ESTIMATED DEMAND (VA)	PANEL TOTALS	kVA	AMPS
LGHT	5,603	5,603			
			EXISTING CONNECTED LOAD:	TBD	TBD
			REMOVED CONNECTED LOAD:	TBD	TBD
			TOTAL ADDED LOAD:	5.6	6.7
			TOTAL ADDED ESTIMATED DEMAND:	5.6	6.7

NOTES: 1. DEMO EXISTING CIRCUIT, CONDUITS AND CONNECT NEW LIGHTING TO THE EXISTING CIRCUIT BREAKER.
2. PROVIDE 20A/1P CIRCUIT BREAKER IN EXISTING SPACE.

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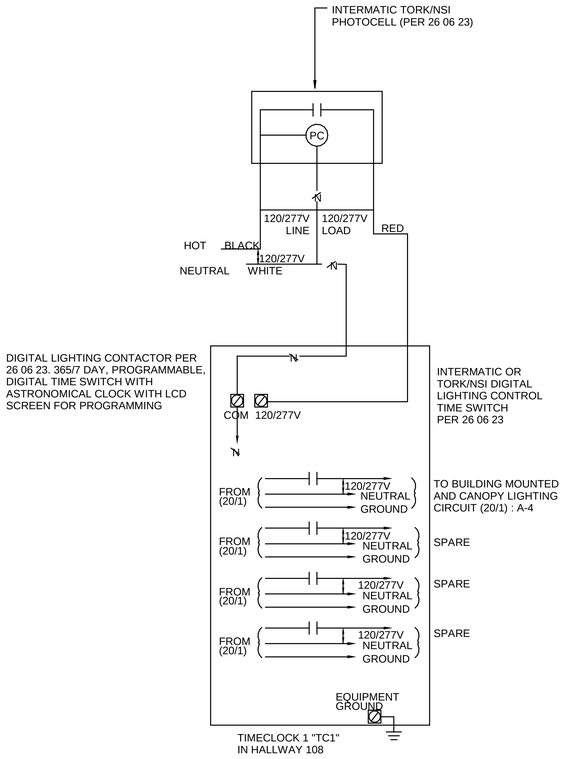
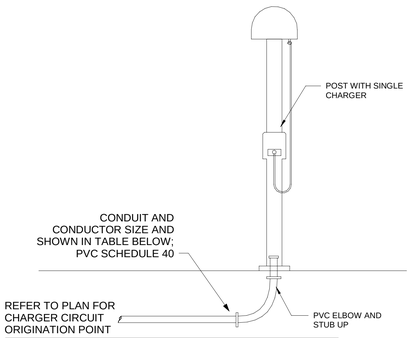
Revisions:

E401 ELECTRICAL SCHEDULES
Scale: AS NOTED
Date: Jan 10, 2024
Project: LYNWOOD (NORTH) VMF
USPS File Number: E09779



6 SITE LIGHTING CONTROLS
E500 SCALE: NTS



EV CHARGER HARDWARE LIST	
Type	Count
SINGLE CIRCUIT POST	2

CHARGE POINT CP6011B
POWER FACTOR AND EFFICIENCY INFORMATION IS NOT AVAILABLE. TO SIMPLIFY DESIGN, CHARGER OUTPUT VALUES (PROVIDED BY MANUFACTURER IN kW) HAVE BEEN CONVERTED TO kVA USING A POWER FACTOR AND EFFICIENCY OF 1. THE CHARGER OUTPUT VALUE IS CONSIDERED TO BE THE MAXIMUM POSSIBLE OUTPUT TO THE EV.

REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR VOLTAGE SHOWN ON EVSE SCHEDULE FOR ELECTRICAL CONNECTIONS. PROVIDE OUTPUT SETTING AT 80A AT EACH CHARGER. USPS TO PROVIDE COMMISSIONING AND ENERGY MANAGEMENT SYSTEM.

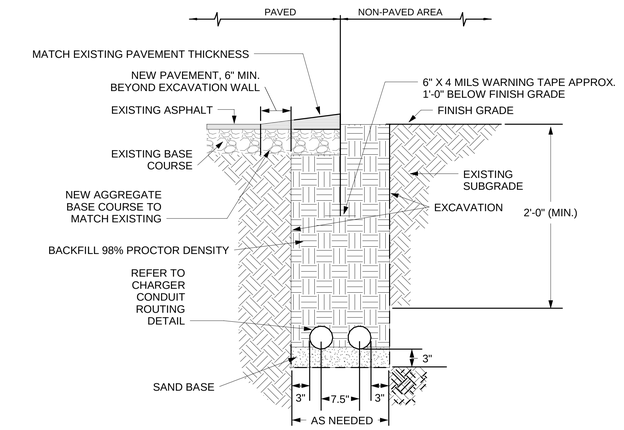
4 CHARGER CONDUIT ROUTING
E500 SCALE: NTS

EVSE-###

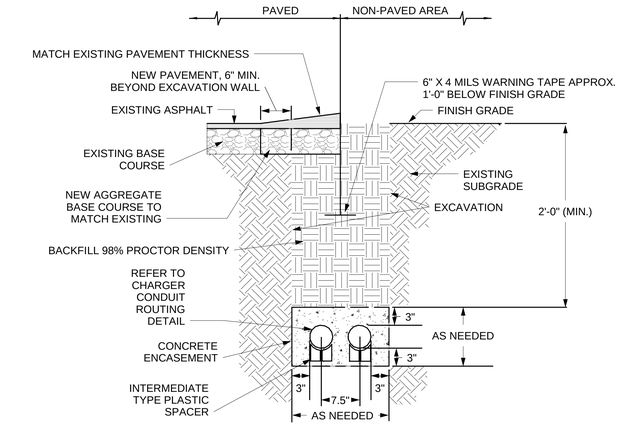
240V/1Ø/80A/100CB
FED FROM: PANEL NAME-CKT#

NOTE: PROVIDE LABEL ON EVSE. AFFIX LABEL TO EVSE STATION WHERE IT IS EASY TO READ. AVOID DIRECT SUNLIGHT IF POSSIBLE. REFERENCE SECTION 260500 - COMMON WORK RESULTS FOR ELECTRICAL FOR CURRENT LABELING STANDARDS FOR BREAKERS. PREFERRED LABEL TYPE IS INDUSTRY STANDARD ENGRAVED THREE-LAYER LAMINATED PHENOLIC PLASTIC LABELS.

5 EVSE TYPICAL LABEL
E500 SCALE: NTS

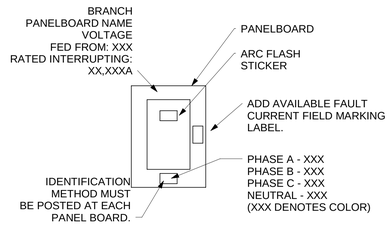


1 DIRECT BURY DETAIL
E500 SCALE: NTS



NOTE: PROVIDE CONDUITS IN SINGLE LAYER. CONDUITS UNDER VEHICLE TRAFFIC AND WEIGHT TO BE ENCASED IN CONCRETE.

2 DUCTBANK DETAIL
E500 SCALE: NTS



GENERAL NOTES:
A. WHEN MORE THAN ONE NORMAL VOLTAGE SYSTEM SUPPLIES THE PREMISES THE FOLLOWING MUST BE APPLIED PER NFPA 70.
   a. ALL DISTRIBUTION EQUIPMENT AS DEFINED BY NFPA 70 SHALL BE IDENTIFIED BY SYSTEM.
   b. IDENTIFICATION OF BRANCH CIRCUITS MUST BE IDENTIFY BY COLOR CODING, TAGGING, MARKING TAPE, OR APPROVED MEANS AND SHALL BE PERMANENTLY POSTED AT BRANCH CIRCUIT PANELBOARD OR SIMILAR BRANCH CIRCUIT DISTRIBUTION EQUIPMENT.
B. CONTENTS OF LABELS SHOW IN DETAIL ARE EXAMPLES ONLY. REFER TO SPECIFICATIONS FOR EXACT REQUIREMENTS OF EACH LABEL.

3 PANEL IDENTIFICATION DETAIL
E500 SCALE: NTS

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Revisions:

E500 ELECTRICAL DETAILS
Scale: AS NOTED Date: Jan 10, 2024
Project: LYNWOOD (NORTH) VMF
USPS File Number: E09779

EXHIBITS

- NGDV CHECKLIST
- CIVIL AUTO-TURN - NDGV
- CIVIL AUTO-TURN - FIRETRUCK
- UNITED STATES POSTAL SERVICE – FACILITIES FORM ECC-EZ
- LIGHTING CALCULATIONS
- EMERGENCY LIGHTING CALCULATIONS

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Revisions:

EXHIBITS

Scale: AS NOTED Date: Jan 12, 2024
Project: LYNNWOOD (NORTH)
USPS File Number: E09779

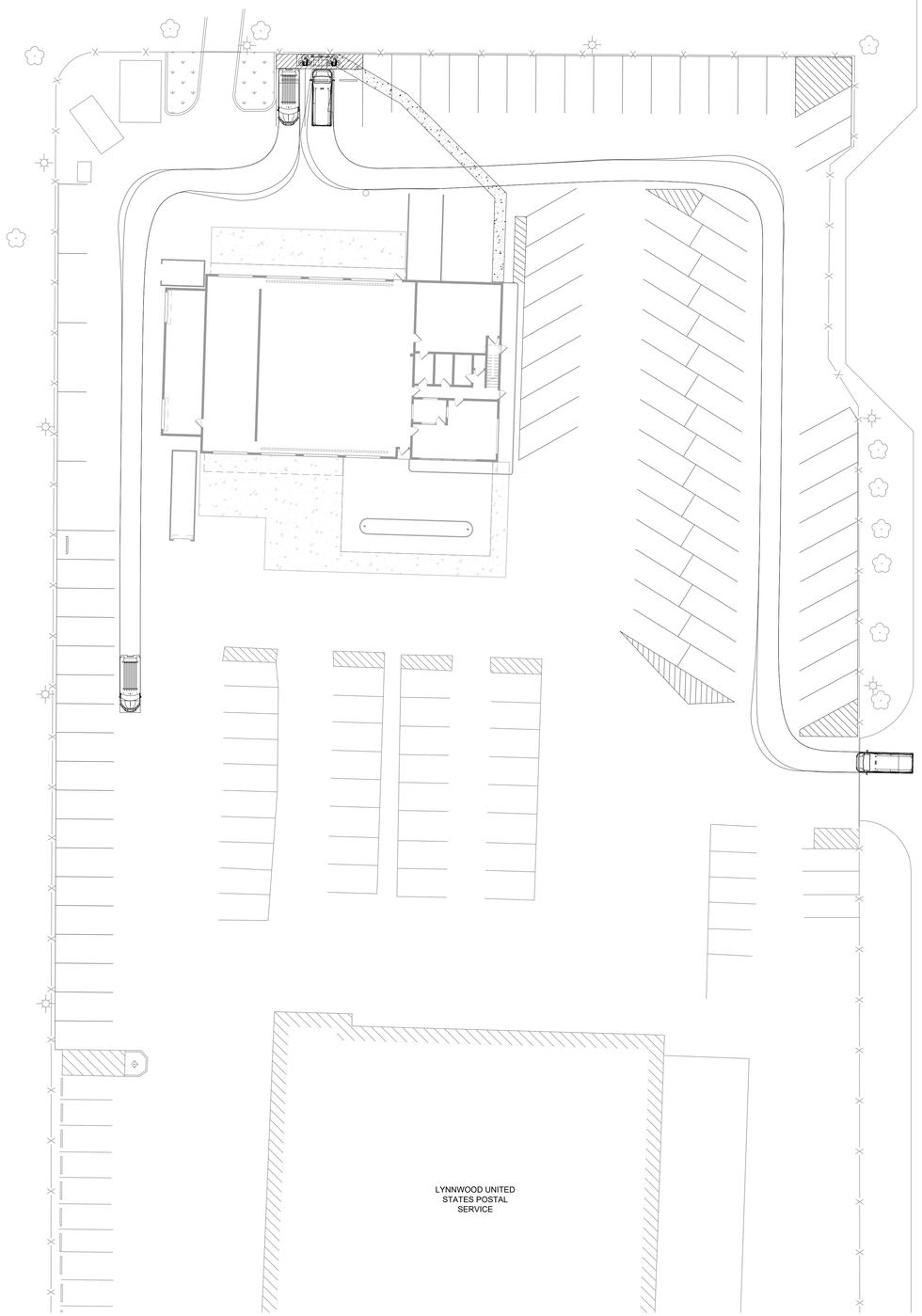
Design Checklist

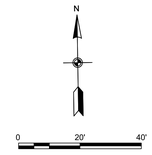
Facility Name: 544830-G01-LYNWOOD (NORTH) VMF
City, State, Zip: LYNNWOOD, WA, 98036
Project Phase: 90% Design
Reviewer (Individual/Firm Names): WSP
Telephone Number: 314-206-4444
Date: 01/10/24

NOTES:

1. This checklist shall be utilized for the design and construction of facilities being modified due to the installation of charging stations.
2. Design/Build entity shall submit completed checklist with each design submission. Solicitation A/E to review list submitted and return as part of the design review with comments or corrections. The design A/E for Design-Bid-Build projects shall submit completed checklist with each design submission.
3. Items identified with an asterisk (*) are high priority in the early preliminary design review stages.

Item No.	✓	Priority	Item	Comment
1	✓	*	Parking stall sizes meet dimensional requirements.	
2	N/A	*	Employees have a direct and safe walking route from exiting vestibule to vehicle parking space.	N/A for VMF program
3	N/A	*	Carriers loading area meets dimensional requirements.	N/A for VMF program
4	✓	*	Protection bollards for charging station meets design requirements.	Refer to Standard Detail.
5	N/A	*	Dock height requirements have been met for vehicles backing and loading from rear.	Refer to manual for vehicle type requirements (NGDV, COTS)
6	✓	*	Vehicles are placed closest to operational areas.	
7	✓	*	Vehicle minimum aisle drive width meets requirements.	
8	✓	*	Vehicle counts, vehicle type and charging station requirements have been included in chart as required.	
9	✓	*	Prioritize dual port chargers over single port chargers, if applicable to supplier.	N/A for VMF program
10	✓	*	Prioritize shared circuit over independent wiring, if applicable to supplier.	N/A for VMF program
11	✓	*	Maintain 9.6 kW charging minimum **applied** per charge port (11.5 kW charger run at 208 V)	Refer to Electrical Infrastructure Design Requirements
12	✓	*	Identification of which 208 V or 240 V system is included	
13	✓	*	Design is based on most cost-effective system meeting all design requirements.	Considerations for part availability and lead times including electrical infrastructure such as transformers, distribution panels, and other equipment can be included in decision making if annotated and communicated.
14	✓	*	Contingency factor has been included as required.	N/A for VMF program
15	✓	*	Prioritization to single supplier at each site.	Set for VMF program
16	✓	*	Prioritization to single supplier's kit at each site.	Set for VMF program
17	N/A	*	Phasing plan has been developed to support deployment of vehicles using existing building power. COTS BEV vehicles should be prioritized in the phasing plan.	N/A for VMF program
18	N/A	*	Separate utility integrated power meter has been included in the design to support electric vehicles.	
19	✓	*	Compliance has been met for labeling standards for parking spots, EVSE equipment and circuit labeling.	
20	✓	*	Required schedules have been included.	Refer to “Additional Standard Detail Requirements”.
21	N/A	*	Approval has been given by USPS Project Manager and/or Operational team for any deviation to standards prior to EV parking lot design reviews.	
22	N/A	*	Traffic flow arrows are depicted on the drawing.	





SCALE: 1"=20'

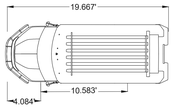
LEGEND

- EXISTING GRASS AREA
- EXISTING PAINT STRIPING
- EXISTING FENCE
- EXISTING GATE
- EXISTING BOLLARD
- EXISTING LIGHT POST
- EXISTING TREE
- PROPOSED PAINT STRIPING
- PROPOSED PAVEMENT RESTORATION
- NGDV PATH
- COTS PATH

NOTES:

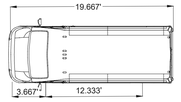
1. NO TITLE SEARCH OR PROPERTY BOUNDARY SURVEY WAS COMPLETED FOR THIS PROJECT. NO BOUNDARY LINES ARE DEPICTED ON THIS DATABASE.
2. A SUBSURFACE UTILITY INVESTIGATION HAS NOT BEEN PERFORMED BY WSP. WASHINGTON UTC SHOULD BE CONTACTED PRIOR TO COMMENCING ANY EXCAVATION. (800-424-5555). STORM AND SEWER CONNECTIONS WERE EXCLUDED FROM THIS SCOPE OF SERVICE AND ARE NOT SHOWN HEREON.
3. COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA. CONTRACTOR TO ESTABLISH BEARINGS AND COORDINATES SHOWN HEREON, IF ANY, ARE BASED ON THE WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983.
4. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) [GEOID 12B].
5. FINAL LOCATIONS TO BE FIELD VERIFIED PRIOR TO FINAL INSTALLATION. DEVIATIONS TO BE COORDINATED WITH OWNER AND ENGINEER.
6. CONTRACTOR TO REPAIR ALL SIZEABLE CRACKS ALONG EXISTING CONCRETE.
7. CONTRACTOR TO REPAINT ALL EXISTING BOLLARDS ON SITE.

VEHICLE PROFILE



NGDV

OVERALL LENGTH	19.667 FT
OVERALL WIDTH	7.083 FT
OVERALL BODY HEIGHT	9.500 FT
CURB TO CURB TURNING RADIUS	22.000 FT



COTS

OVERALL LENGTH	19.667 FT
OVERALL WIDTH	6.833 FT
OVERALL BODY HEIGHT	8.500 FT
CURB TO CURB TURNING RADIUS	20.000 FT

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Revisions:
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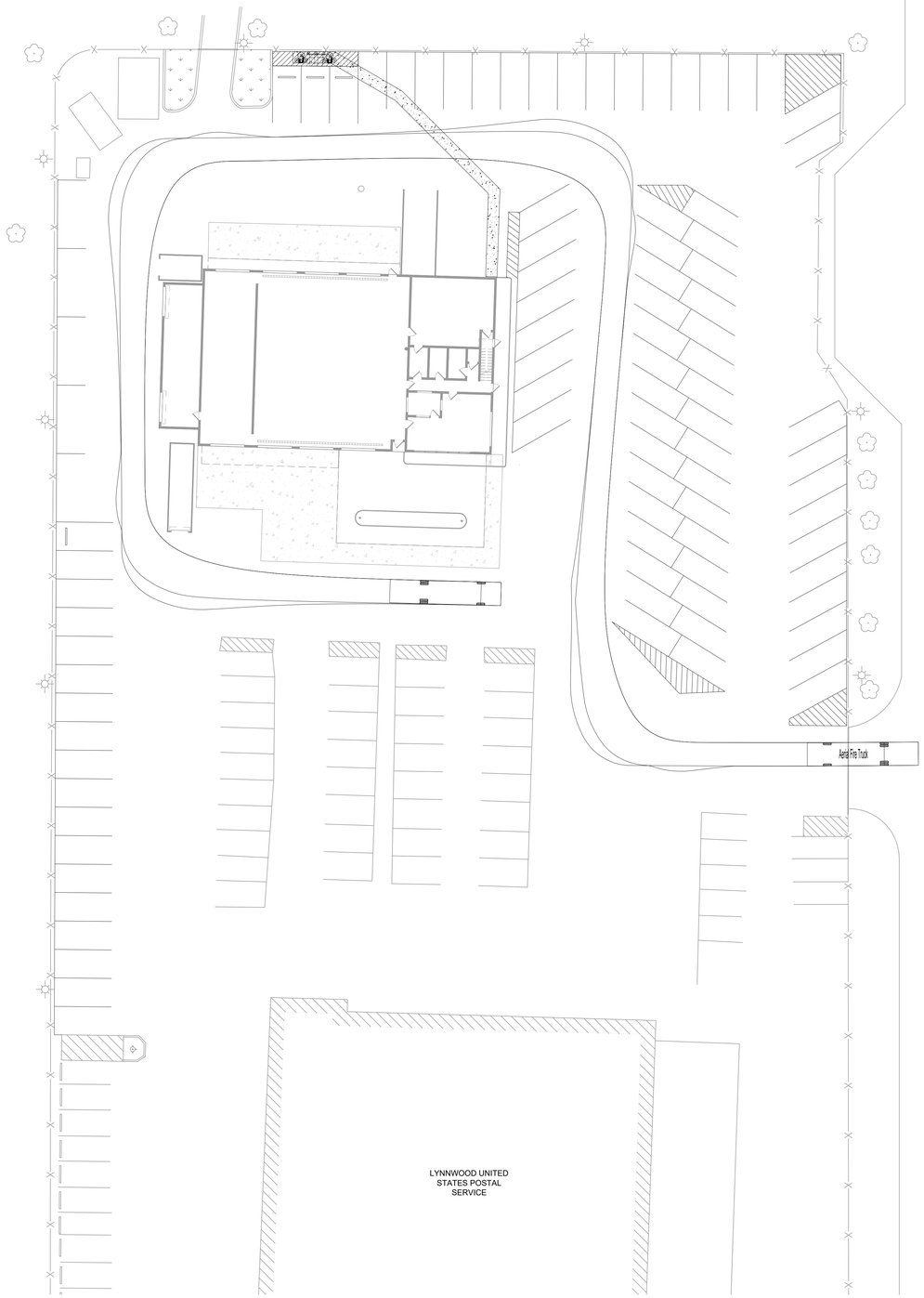
EXHIBIT-A NGDV PATH EXHIBIT

Scale: AS INDICATED Date: 01/10/2024
Project: LYNNWOOD
USPS Project Number: E09779

US Postal Service Facilities Department, 475 L'Enfant Plaza, Washington, D.C. 20260



N

0 20' 40'

SCALE: 1"=20'

LEGEND

- EXISTING GRASS AREA
- EXISTING PAINT STRIPING
- EXISTING FENCE
- EXISTING GATE
- EXISTING BOLLARD
- EXISTING LIGHT POST
- EXISTING TREE
- PROPOSED PAINT STRIPING
- PROPOSED PAVEMENT RESTORATION
- FIRE TRUCK PATH

NOTES:

1. NO TITLE SEARCH OR PROPERTY BOUNDARY SURVEY WAS COMPLETED FOR THIS PROJECT. NO BOUNDARY LINES ARE DEPICTED ON THIS DATABASE.
2. A SUBSURFACE UTILITY INVESTIGATION HAS NOT BEEN PERFORMED BY WSP. WASHINGTON UTC SHOULD BE CONTACTED PRIOR TO COMMENCING ANY EXCAVATION. (800-424-5555). STORM AND SEWER CONNECTIONS WERE EXCLUDED FROM THIS SCOPE OF SERVICE AND ARE NOT SHOWN HEREON.
3. COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA. CONTRACTOR TO ESTABLISH BEARINGS AND COORDINATES SHOWN HEREON, IF ANY, ARE BASED ON THE WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983.
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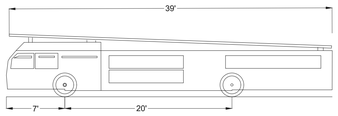
5. FINAL LOCATIONS TO BE FIELD VERIFIED PRIOR TO FINAL INSTALLATION. DEVIATIONS TO BE COORDINATED WITH OWNER AND ENGINEER.
6. CONTRACTOR TO REPAIR ALL SIZEABLE CRACKS ALONG EXISTING CONCRETE.
7. CONTRACTOR TO REPAINT ALL EXISTING BOLLARDS ON SITE.

VEHICLE PROFILE



AERIAL FIRE TRUCK

OVERALL LENGTH	39.000 FT
OVERALL WIDTH	8.167 FT
OVERALL BODY HEIGHT	7.500 FT
MINIMUM BODY GROUND CLEARANCE	0.750 FT
TRACK WIDTH	8.167 FT
LOCK-TO-LOAD TIME	5.00 S
MAXIMUM WHEEL ANGLE	45.00°

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EXHIBIT-B EMERGENCY VEHICLE PATH EXHIBIT

Revisions: 0

Scale: AS INDICATED Date: 01/10/2024
Project: LYNNWOOD
USPS Project Number: E09779

United States Postal Service – Facilities
Form ECC-EZ
Energy Compliance Certification for Low to Moderate Energy-Impact R&A Projects

Use this form ECC-EZ to certify compliance to USPS energy standards for all projects that cost from $5000 to $1 million and have low/moderate energy impact. Upload completed form to the project's eFMS Energy Work Summary prior to construction award.

Do NOT use this form ECC-EZ for projects that have high energy impact (including new space) and therefore require form ECC-S instead, such as:

- o *Any addition and/or deletion to conditioned sf*
- o *Central plant (chiller/ boiler/air handler) in building ≥ 20k sf*
- o *Comprehensive HVAC in building ≥ 20k sf*
- o *Comprehensive lighting in building ≥ 20k sf*
- o *Other significant energy impact (contact Facilities HQ Energy & Sustainability Program Management (ESPM) Group for guidance)*
- o *Roof replacement in building ≥ 40k sf*
- o *Compressed air systems / components for mail processing*
- o *Major energy-impacting project in building ≥ 75k sf*
- o *Project cost ≥ $1 million*

PROJECT TYPE

Which of these apply to your project? (check all that apply):

- ☐ HVAC hardware (e.g., DX unit, pump, ductwork)
- ☐ HVAC controls (e.g., thermostat, DDC, actuator)
- ☑ Lighting and/or lighting control
- ☐ Building envelope (e.g., window, roof, wall, door, dock seal): specify _____
- ☐ Other (contact Facilities HQ *ESPM* Group for guidance): specify _____
- ☐ Chiller ☐ Boiler ☐ Air handler
- ☐ Air compressor to support mechanization
- ☐ Water heater

BASIC FACILITY AND PROJECT DATA

Project Manager	Carolyn Heckert	Project or FSSP #	E09779
Site name	985 - LYNWOOD (NORTH) VMF	Site Finance ID	544830-G01
Street address	6821 208TH ST SW	District	PACIFIC
City, State, ZIP	LYNWOOD, WA 98036	Area	
Project Description	VMF Interior work area lighting upgrade		
Estimated $		Scheduled construction completion date	

"BEFORE" AND "AFTER" EQUIPMENT (NAMEPLATE) DATA

		Equipment & Quantity	Tons or btu10^6	Efficiency/age	Refrigerant & Energy SavingsKWH
☐ HVAC	OLD:			age:	
	NEW:			efficiency:	

		Lamp Type	Quantity	Avg foot candles	Other(kwh/yr saved by Installing new fixtures)
☑ Lighting	OLD:	Metal Halide assumed	20 Approx	25 (est.)	7,800 kwh approx. for Service Bay
	NEW:	LED fixture type W3 and W3E	30	50	1,748 kwh/yr saved for Service Bay - higher brightness

		Type/Material	Roof Size (sf)	Insulation R-Value	Other (BTU/yr savings)
☐ Roof	OLD:			(or inches:)	
	NEW:				

Is the new roof Energy Star qualified? ☐ NO ☐ YES

☐ Other OLD: _____

NEW: _____

COMPLIANCE TO STANDARDS

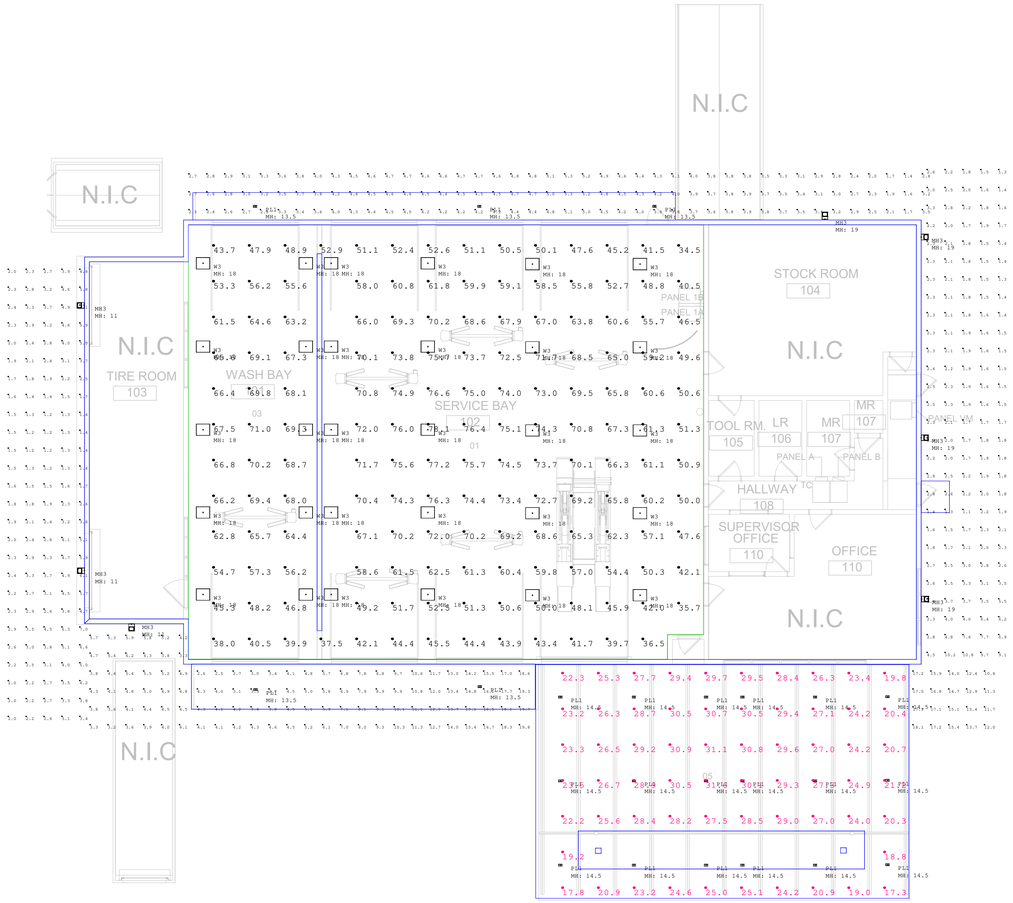
Which of these statements applies to this project? ☐ This project complies with all USPS Standard Design Criteria (SDC).

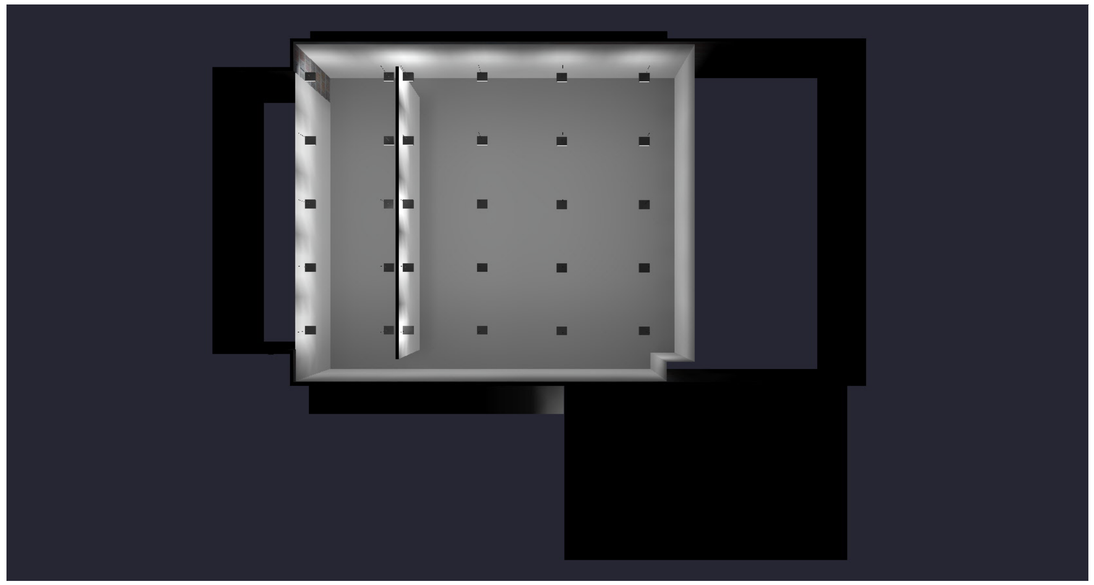
☑ A deviation from USPS Standard Design Criteria (SDC) is authorized for this project.

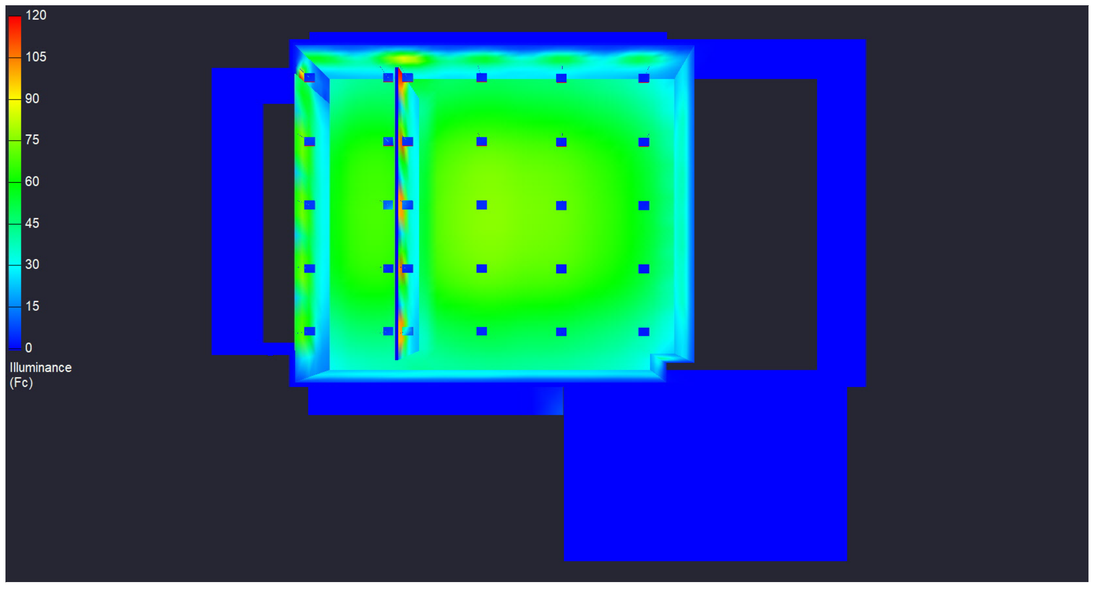
fixtures specified based on lead time/schedule

PROJECT MANAGER CERTIFICATION	**TEAM LEADER APPROVAL**
Name _____	Name _____
Signature _____ Date _____	Signature _____ Date _____

Upload completed form in PDF format to the project's eFMS Energy Work Summary prior to construction award.
More information may be requested at the discretion of Facilities HQ Energy & Sustainability Program Management Group.







Luminaire Schedule								
Tag	Symbol	Qty	Label	Description	Lum. Watts	Lum. Lumens	LLF	Filename
MH3		7	MH3_MRW LED P2 SR4 40K MVOLT	MRW LED P2 SR4 40K MVOLT	29.17	3053	0.900	MH3_MRW LED P2 SR4 40K MVOLT.ies
PL1		23	PL1_DSXSC LED 30C 530 40K T5M	DSXSC LED 30C 530 40K T5M MVOLT	53	6787	0.900	PL1_DSXSC LED 30C 530 40K T5M MVOLT.ies
W3		30	W3_XIB L24 15000LM ATWD 40K	XIB L24 15000LM ATWD_ 40K 80CRI	97.02	14861	0.900	W3_XIB L24 15000LM ATWD 40K 80CRI.ies

Calculation Summary									
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z (Calcs Plane Height)	Target Light Level
Canopy	Illuminance	Fc	25.75	31.6	17.3	1.49	1.83	0	
East Extension	Illuminance	Fc	2.56	10.8	1.1	2.33	9.82	0	
North Extension	Illuminance	Fc	3.78	5.3	1.4	2.70	3.79	0	
Service Bay_101_Workplane	Illuminance	Fc	60.06	78.1	34.5	1.74	2.26	1	
South Extention	Illuminance	Fc	8.72	19.8	2.5	3.49	7.92	0	
West Extension	Illuminance	Fc	2.87	7.0	1.2	2.39	5.83	0	

NOTES
1. ILLUMINANCE CALCULATIONS ARE BASED ON PUBLISHED CALCULATION METHODS AND ARE FOR REFERENCE ONLY. FIELD MEASURED RESULTS MAY DIFFER FROM CALCULATED RESULTS AND ARE DEPENDANT ON A VARIETY OF FACTORS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: MANUFACTURER'S PHOTOMETRY DATA, LINE VOLTAGE, LUMINAIRE PERFORMANCE, TEMPERATURE, AND ACTUAL CONDITION OF FINISHES AND ENVIRONMENT.

2. REFLECTANCE ASSUMPTIONS:
CEILING REFLECTANCE - 40%
WALL REFLECTANCE - 50%
FLOOR REFLECTANCE - 14%

3. CEILING HEIGHT IS 20'-00" AFF

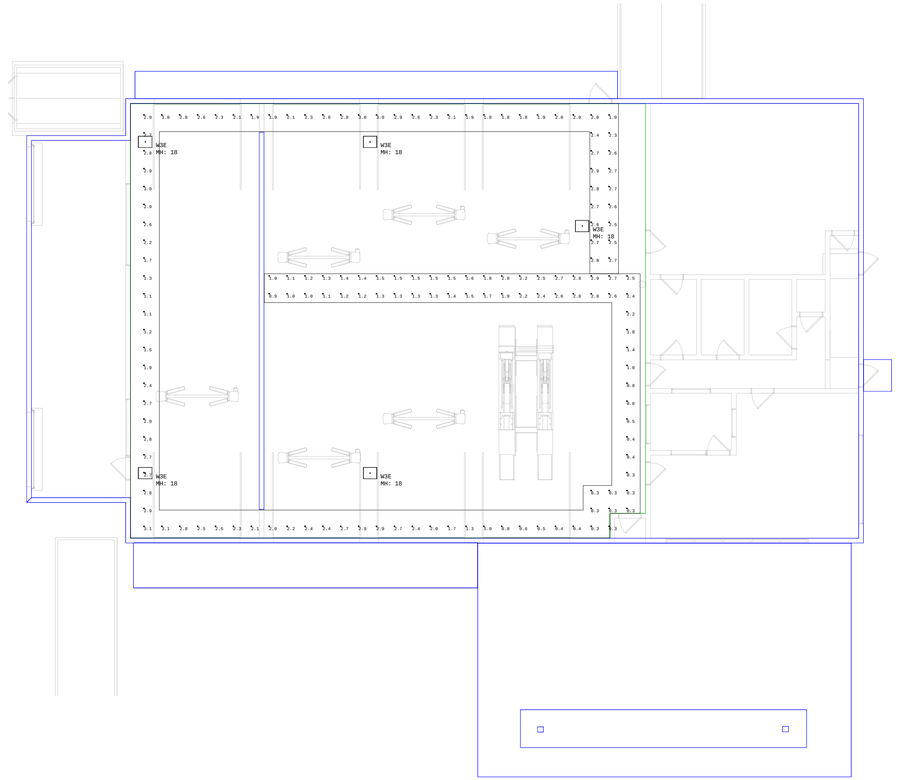
4.0.9 LLF CALCULATED BASED ON LINEAR INTERPOLATION TO 50,000 HOURS FROM MANUFACTURERS REPORTED LIFE.

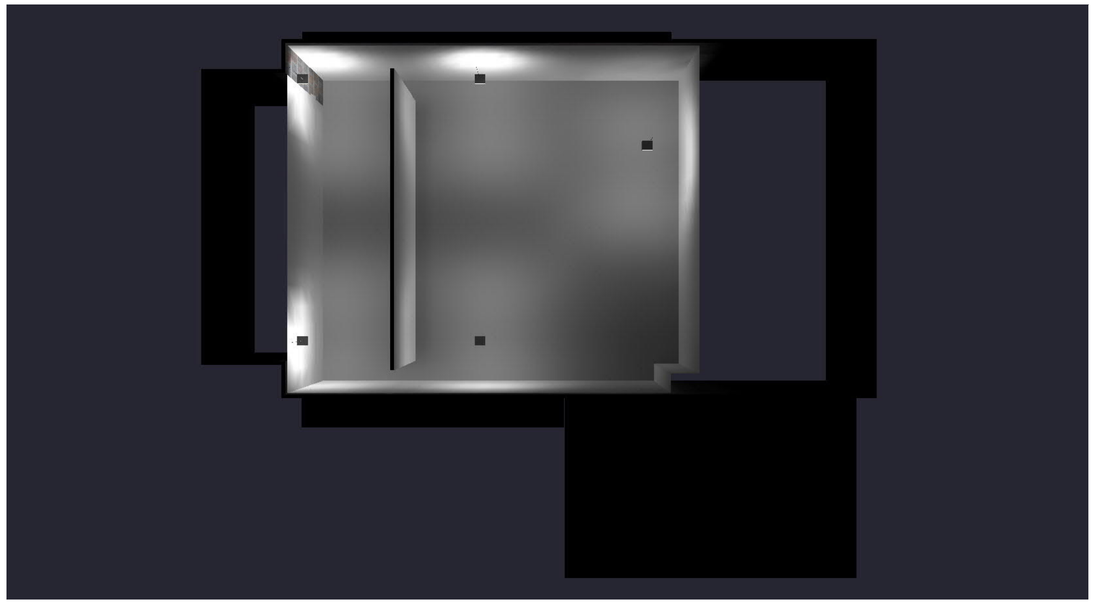
NOTES
xxxxxxxx
1
Revisions

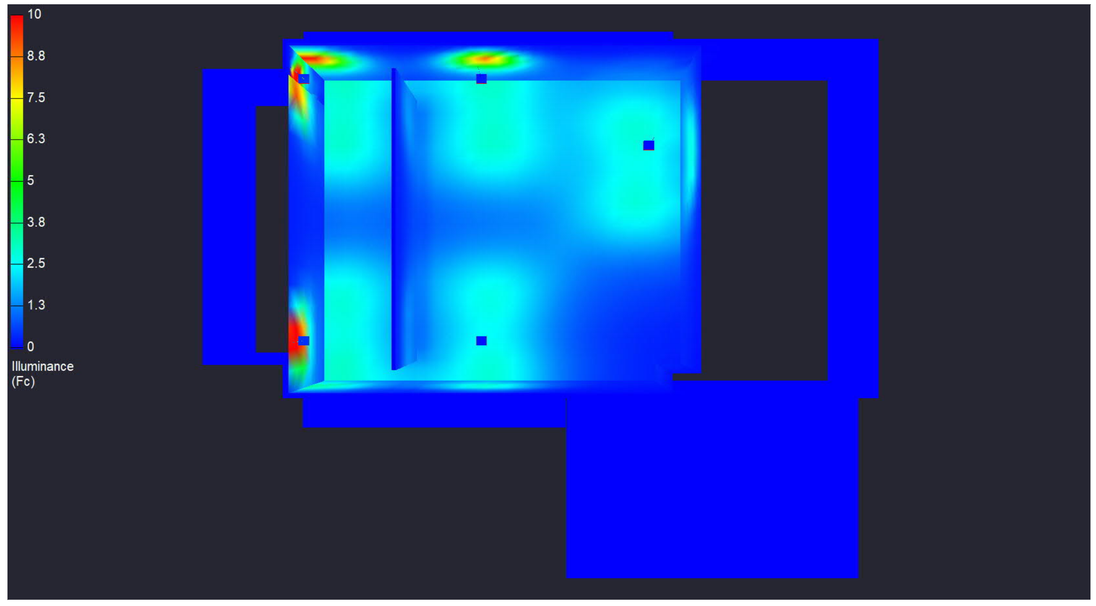
Drawn By:
Checked By:
Date:04-01-2024
Scale:

LYNWOOD VMF PHOTOMETRICS

WSP LIGHTING







Luminaire Schedule

Tag	Symbol	Qty	Label	Description	Lum. Watts	Lum. Lumens	LLF	Filename
W3E	-	5	W3_XIB L24 15000LM ATWD 40K	XIB L24 15000LM ATWD_ 40K 80CRI	97.02	14861	0.185	W3_XIB L24 15000LM ATWD 40K 80CRI.ies

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z (Calcs Plane Height)	Target Light Level
Egress Path_Service Bay	Illuminance	Fc	1.94	3.1	0.3	6.47	10.33	0	

NOTES
1. ILLUMINANCE CALCULATIONS ARE BASED ON PUBLISHED CALCULATION METHODS AND ARE FOR REFERENCE ONLY. FIELD MEASURED RESULTS MAY DIFFER FROM CALCULATED RESULTS AND ARE DEPENDANT ON A VARIETY OF FACTORS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: MANUFACTURER'S PHOTOMETRY DATA, LINE VOLTAGE, LUMINAIRE PERFORMANCE, TEMPERATURE, AND ACTUAL CONDITION OF FINISHES AND ENVIRONMENT.

2. REFLECTANCE ASSUMPTIONS:
CEILING REFLECTANCE - 40%
WALL REFLECTANCE - 50%
FLOOR REFLECTANCE - 14%

3. CEILING HEIGHT IS 20'-00" AFF

4.0.9 LLF CALCULATED BASED ON LINEAR INTERPOLATION TO 50,000 HOURS FROM MANUFACTURERS REPORTED LIFE.

1	xxxxxxxx	NOTES

Revisions

Drawn By:
Checked By:
Date:20-12-2023
Scale:

LYNWOOD VMF PHOTOMETRICS

WSP LIGHTING