# TACOMA 3825 S WARNER ST TACOMA, WA 98409 VMF NGDV-EV UPGRADE

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



# VICINITY MAP

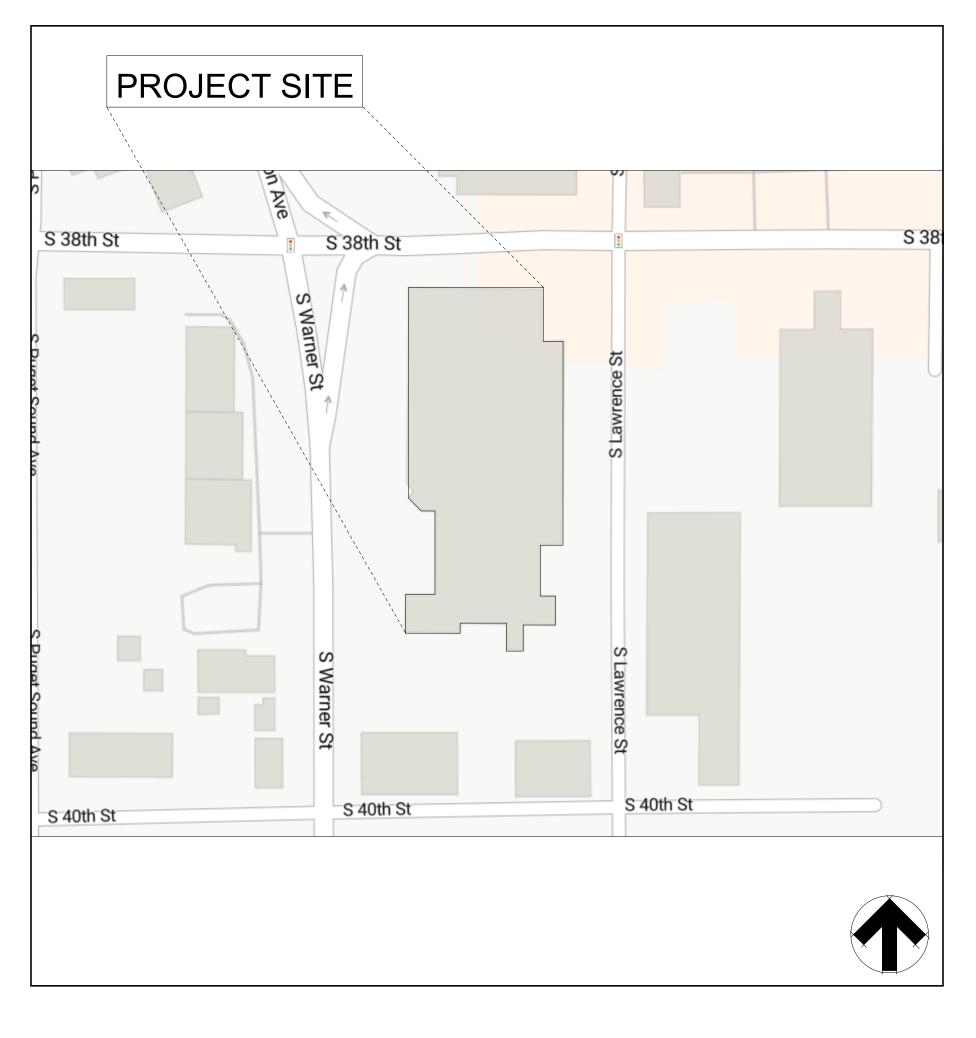


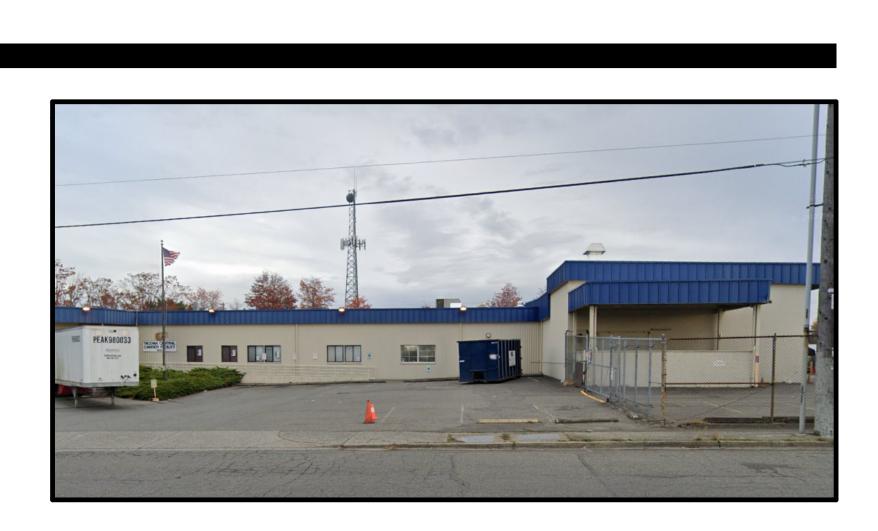
**FINANCE NUMBER:** PROJECT NUMBER: DATE:

548330-005 E10234 Jan 26, 2024

# **UNITED STATES** POSTAL SERVICE

# LOCATION MAP





90% DESIGN SUBMITTAL



## ABBREVIATIONS

P.S.I.

PART

PC.

PL.

PNL.

PO.T.

POL.

PR.

PT.

PT.E.

Q.T.

Q.T.B.

QTR.

QZ.

R

R.A.

R.B.

R.C.P.

R.D.

R.F.

R.O.

R.R.

R.T.

RAD.

RB.T.

REF.

REFR.

REINF

REV.

RM.

RND.

S.A.

S.D.

S.V.

S/V

SAN.

SECT

SH.

SHR.

SHT.

SIM.

SP.D.

SQ.

ST.

STD.

STL.

T.B.

T.O.

T.P.

T.S.

T.T.D.

TELE.

THK.

ΤV

TYP.

UL

UR.

UTIL.

V.B.

POUNDS PER SQUARE FOOT

S.A.B.

RE.

Q

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	ACOUSTIC CEILING TILE	FBGL.
		FIN.
Ч.D.	AREA DRAIN	FIN. FLR.
		FL.
		FLASH.
	ACCESS DOOR	FLR.
	ACCESS PANEL	FLUOR.
ACCESS.	ACCESSIBLE	FND.
ADJ.	ADJUSTABLE	FR.
AGG.	AGGREGATE	FRT.
ALT.	ALTERNATE or ALTERNATIVE	FT.
ALUM.	ALUMINUM	FTG.
	ANODIZED	FUR.
	APPROXIMATE(LY)	G
	ARCHITECTURAL or ARCHITECT	G.B.
ASPH.		G.C.
	ATTENTION	G.D.
B		G.M.B.
	BELOW FINISH FLOOR	G.O.
-	BOTTOM OF	GA.
B.O.C.	BOTTOM OF CONCRETE or CURB	GAL.
B.O.F.	BOTTOM OF FOOTING	GALV.
B.U.R.	BUILT UP ROOFING	GL.
BD.	BOARD	GND.
BL	BUILDING LINE	GR.
BLDG.	BUILDING	GT.
BLK.	BLOCK	GYP.BD.
BLKG.	BLOCKING	H
BM	BEAM	H.
	BOTTOM	H.B.
BR.	BRICK	H.C.
BRG.	BEARING	H.M.
C		H.P.
C.B.	CATCH BASIN	H.V.A.C.
C.F.	CUBIC FEET	
C.G.	CORNER GUARD	HD.
C.J.	CONTROL JOINT	HDCP.
C.M.P.	CORRUGATED METAL PIPE	HDW.
	CONCRETE MASONRY UNIT	HDWD.
C.O.	CLEAN OUT	HN.R.
C.T.	CERAMIC TILE	HORIZ.
		HR.
	CERAMIC TILE BASE	HT.
C.Y.	CUBIC YARD	
CAB.(S)	CABINET(S)	
CEM.	CEMENT	I.D.
CFCI	CONTRACTOR FUNISHED	IN.
	CONTRACTOR INSTALLED	INFO.
CH.R.	CHAIR RAIL	INSUL.
CL or	CENTER LINE	INT.
CLG.	CEILING	J
	CLOSET	JAN.
CLR.	COLUMN	JST.
CONC.	CONCRETE	JT.
CONF.	CONFERENCE	K
	CONNECTION	KIT.
	CONSTRUCTION	L
CONT.	CONTINUOUS or CONTINUE	L.F.
CONTR.	CONTRACTOR	L.L.H.
CPT.	CARPET	L.L.V.
CPT.T.	CARPET TILE	L.P.
	CRASH RAIL	LAM.
CSK.	COUNTERSINK OR	LAV.
00N.	COUNTERSUNK	LAV. LBR.
D		
D.	DEEP or DEPTH	LKR.
	DOWNSPOUT	LKR.
D.S.		LOC.
D.T.	DRAIN TILE	LT.
	DOUBLE	
DBL.		Μ
DEG.	DEGREE	M M.B.
	DEGREE DETAIL	
DEG.		M.B.
DEG. DET. DIA.	DETAIL	M.B. M.B. M.D.F.
DEG. DET. DIA.	DETAIL DIAMETER	M.B. M.B. M.D.F. M.O.
DEG. DET. DIA. DIAG.	DETAIL DIAMETER DIAGONAL	M.B. M.B. M.D.F. M.O. M.T.
DEG. DET. DIA. DIAG. DIFF. DIM.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION	M.B. M.B. M.D.F. M.O. M.T. MACH.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER	M.B. M.D.F. M.O. M.T. MACH. MAS.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DR.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DR. DWG.(S)	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DOOR DRAWING(S)	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DR. DWG.(S) DWL.(S)	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S)	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DR. DR. DWG.(S) DWL.(S) DWR.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S)	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWR. E	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DR. DWG.(S) DWL.(S) DWR. E	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DR. DWG.(S) DWL.(S) DWR. E	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DR. DWG.(S) DWL.(S) DWR. E	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DR. DWG.(S) DWL.(S) DWR. E E.F. E.I.F.S.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT	M.B. M.D.F. M.O. M.T. MACH. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.J.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MTD.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.M. E.M. E.W.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MTD. MTL.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.M. E.W. E.W. E.W.C.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DN. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.M. E.W. E.W. E.W. E.W. E.W.C. EA.	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL. MW.
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.M. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL. MVV. N
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH EACH ELECTRIC or ELECTRICAL	M.B. M.D.F. M.O. M.T. MACH. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL. MVV. N
DEG. DET. DIA. DIAG. DIFF. DIM. DISP. DN. DN. DN. DN. DWG.(S) DWL.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL. MVV. N N.I.C. N.T.S.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER	M.B. M.D.F. M.O. M.T. MACH. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL. MVV. N
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.F. E.I.F.S. E.J. E.M. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER EPOXY FLOORING	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL. MVV. N N.I.C. N.T.S.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER EPOXY FLOORING	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFG. MFR. MIN. MISC. MTD. MTL. MULL. MULL. MV. N N.I.C. N.T.S. NEG.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.F. E.I.F.S. E.J. E.M. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER EPOXY FLOORING	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL. MVV. N N.I.C. N.T.S. NEG. NO. or # NOM.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.F. E.I.F.S. E.J. E.M. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER EPOXY FLOORING EQUAL EQUIPMENT	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFG. MFR. MH. MIN. MISC. MTD. MTL. MULL. MULL. MV. N N.I.C. N.T.S. NEG. NO. or # NOM. O
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.M. E.F. E.I.F.S. E.J. E.M. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER EPOXY FLOORING EQUAL EQUIPMENT EXHAUST	M.B. M.D.F. M.O. M.T. MACH. MACH. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MFR. MIN. MISC. MTD. MTL. MULL. MV. N N.I.C. N.T.S. NEG. NO. or # NOM. O O.A.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.J. E.M. E.F. E.J. E.M. E.R. E.J. E.M. E.P. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER EPOXY FLOORING EQUAL EQUIPMENT EXHAUST EXISTING	M.B. M.D.F. M.O. M.T. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MH. MIN. MISC. MFR. MH. MIN. MISC. MTD. MTL. MULL. MV. N N.I.C. N.T.S. NEG. NO. or # NOM. O O.A. O.C.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.H. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER EPOXY FLOORING EQUAL EQUIPMENT EXHAUST EXISTING EXPOSED	M.B. M.D.F. M.O. M.T. MACH. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFG. MFR. MFR. MIN. MISC. MTD. MTL. MULL. MV. N N.I.C. N.T.S. NEG. NO. or # NOM. O O.A. O.C. O.D.
DEG. DET. DIA. DIAG. DIAG. DIFF. DIM. DISP. DIM. DISP. DN. DR. DWG.(S) DWL.(S) DWL.(S) DWR. E E.F. E.I.F.S. E.J. E.H. E.Y. E.W. E.W. E.W. E.W. E.W. E.W. E.W	DETAIL DIAMETER DIAGONAL DIFFUSER DIMENSION DISPENSER DOWN DOOR DRAWING(S) DOWELS(S) DRAWER EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ENTRY MAT ELECTRICAL PANEL EACH WAY ELECTRIC WATER COOLER EACH ELEVATION ELECTRIC or ELECTRICAL ENCLOSURE ENGINEER EPOXY FLOORING EQUAL EQUIPMENT EXHAUST EXISTING EXPOSED AGGREGATE	M.B. M.D.F. M.O. M.T. MACH. MACH. MAS. MATL. MAX. MECH. MEMB. MEZZ. MFG. MFR. MFR. MH. MIN. MISC. MTD. MTL. MULL. MV. N N.I.C. NT. S. NC. or # NOM. O O.A. O.C. O.H.
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FIBERGLASS FINISH **FINISH FLOOR** FLOW LINE FLASHING FLOOR FLUORESCENT FOUNDATION FRAME FIRE RETARDANT FEET or FOOT FOOTING FURRING **GRAB BAR GENERAL CONTRACTOR** GRID GLASS MARKER BOARD **GLASS OPENING** GAUGE GALLON GALVANIZED GLASS GROUND GRADE GROUT GYPSUM BOARD HIGH HOSE BIBB HOLLOW CORE HOLLOW METAL **HIGH POINT** HEATING, VENTILATING AND AIR CONDITIONING HEAD HANDICAP HARDWARE HARDWOOD HANDRAIL HORIZONTAL HOUR **HEIGHT INISIDE DIAMETER** INCH INFORMATION INSULATION INTERIOR JANITOR CLOSET JOIST JOINT **KITCHEN** LINEAR FEET or LINEAR FOOT LONG LEG HORIZONTAL LONG LEG VERTICAL LOW POINT LAMINATE or LAMINATED LAVATORY LUMBER LOCKER LOCKER LOCATION LIGHT MOP BASIN MOP BASIN MEDIUM DENSITY FIBERBOARD MASONRY OPENING METAL TRIM MACHINE MASONRY MATERIAL MAXIMUM MECHANICAL MEMBRANE MEZZANINE MANUFACTURING MANUFACTURER or MANUFACTURED MANHOLE MINIMUM MISCELLANEOUS MOUNTED METAL MULLION MILLWORK NOT IN CONTRACT NOT TO SCALE NEGATIVE NUMBER NOMINAL OVERALL or OUTSIDE AIR ON CENTER OUTSIDE DIAMETER **OPPOSITE HAND** OVER OWNER FURNISHED CONTRACTOR INSTALLED OFFICE OWNER FURNISHED OWNER INSTALLED OVERHEAD OPENING **OPPOSITE** PORCELAIN TILE BASE PORCELAIN FLOOR TILE PLASTIC LAMINATE or PLASTIC LAMINATED

P.T.D. PAPER TOWEL DISPENSE P.T.R. PAPER TOWEL RECEPTAC P.V.C. POLYVINYLCHLORIDE P.W.T. PORCELAIN WALL TILE PARTICAL PARTN. PARTITION PIECE PERIM. PERIMETER PLATE or PROPERTY LINE PLASTER PLAS. PLBG. PLUMBING PLYWOOD PLYWD. PANEL PORCELAIN TILE POLISHED PORT. PORTABLE PAIR PRCST. PRECAST PREFABRICATED PREFAB. PREFIN. PREFINISHED PROPERTY PROP. PAINT or PAINTED EPOXY PAINT QUARRY TILE QUARRY TILE BASE QUARTER QUARTZ SURFACE RISER **RETURN AIR** RUBBER BASE **REINFORCED CONCRETE PIPE** ROOF DRAIN RUBBER FLOORING ROUGH OPENING RESTROOM **RESILIENT TILE** RADIUS RUBBER STAIR TREAD RB.S.T RUBBER TILE REFER TO REFERENCE REFRIGERATOR REINFORCE, REINFORCED or REINFORCING REQ'D. REQUIRED **REVISION or REVISED** ROOM ROUND SUPPLY AIR SOUND ATTENUATION BLANKETS SEALED CONCRETE S.CONC. SMOKE DETECTOR S.D.T. STATIC DISSIPATIVE TILE SANITARY NAPKIN RECEPTACLE S.N.R. S.P.M.R. SINGLE-PLY MEMBRANE ROOF(ING) S.S.M. SOLID SURFACE MATERIAL S.T.C. SOUND TRANSMISSION COEFFICIENT SHEET VINYL **STAIN & VARNISH** SANITARY SCHED. SCHEDULE SECTION SHELF SHOWER SHEET SIMILAR TO SOAP DISPENSER SPEC. SPECIFICATION(S) SQAURE SQ.FT. SQUARE FEET STAIN ST.STL. STAINLESS STEEL STANDARD STEEL STORAGE STOR. STRUCT. STRUCTURE or STRUCTURAL SUSPENDED SUSP. TREAD TOP & BOTTOM Т.& В. T.& G. TONGUE & GROOVE TACK BOARD TOP OF TOP OF CONCRETE or CURB T.O.C. T.O.M. TOP OF MASONRY T.O.P. TOP OF PANEL or PAVING T.O.S. TOP OF STEEL TOP OF WALL T.O.W. **TOILET PARTITION** TRANSITION STRIP TOILET TISSUES DISPENSER TELEPHONE TEMP. TEMPERED or TEMPORARY THICK THROUGH THRU. TRANS. TRANSFORMER TELEVISION TYPICAL UNLESS NOTED OTHERWISE U.N.O. U.REFR. UNDERCOUNTER REFRIGERATOR U.S.D. UNDERSIDE OF DECK UNDERWRITERS LABORATORY UNFIN. UNFINISHED URINAL UTILITIES VINYL VINYL BASE V.C.T. VINYL COMPOSITION TILE

POUNDS PER SQUARE INCH PAPER TOWEL DISPENSER PAPER TOWEL RECEPTACLE POLYVINYLCHLORIDE PORCELAIN WALL TILE PARTICAL PARTICAL PARTITION PIECE PERIMETER PLATE OF PROPERTY LINE PLASTER PLUMBING PLYWOOD PANEL PORCELAIN TILE POLISHED PORTABLE PAIR PRECAST PREFABRICATED PREFINISHED PROPERTY PAINT OF PAINTED EPOXY PAINT	W.W.F. W/ W/O WD. WD.B. WIN. WSCOT. WT. Y	VESTIBULE WIDE or WIDTH WHITE BOARD WATER CLOSET WOOD FLOORING WIRE GLASS WATER HEATER WORKING POINT WINDOW TREATMENT WELDED WIRE FABRIC WITH WITHOUT WOOD WOOD BASE WINDOW WAINSCOT WEIGHT
	Y.D.	YARD DRAIN
	Y.H.	YARD HYDRANT
QUARRY TILE	YD.	YARD
QUARRY TILE BASE	ID.	IAND

ARCH. GRAPHIC SYMBOLS				
ROOM NAME	ROOM NUMBER & NAME			
BAY 01	SERVICE BAY TAG			
Ref AD101 Ref	EXTERIOR ELEVATION REFERENCE			
A101 SIM	DETAIL / CALLOUT REFERENCE			
0	COLUMN CENTER LINE			
0	EXISTING COLUMN CENTER LINE			
	REFERENCE NUMBER OF DRAWING DRAWING TITLE			
	1/8" = 1'-0"			
	DRAWING SCALE			
	SHEET NUMBER OF DRAWING			
A3-02A A3-02A Match line Match line	MATCH LINE REFERENCE			
P1a PT-1	PARTITION TYPE			
?	KEYED NOTE SYMBOL			
#	LIFT TAG			
EQXXX	FURNITURE, FIXTURES, EQUIPMENT			
(1t)	GLAZED OPENING REFERENCE			
	DRAWING REVISION			
VCT-1 CPT-1 TS-1	FLOOR MATERIAL REFERENCE			

## MATERIALS LEGEND

EARTH

CONCRETE

4
222223

SAND CONCRETE MASONRY UNIT BRICK **RIGID INSULATION** 

GRAVEL

**BATT INSULATION ROUGH LUMBER** 

WOOD BLOCKING

## **GENERAL NOTES**

- 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.
- ALL DIMENSIONS ARE FINISHED DIMENSIONS TO FACE OF GYP. BOARD, CMU WALLS, ETC. UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY 3 ARCHITECT AND OWNER OF ALL DISCREPANCIES PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL VERIFY AND BECOME FAMILIAR W/ ALL EXISTING CONDITIONS.
- 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.
- PATCH ALL FINISHES DISTURBED BY THE WORK AND WHERE UNFINISHED SURFACES HAVE BEEN EXPOSED BY DEMOLITION, PATCHING MUST MATCH ADJACENT MATERIALS, COLORS AND FINISHES.
- RESTORE OR REPLACE ALL EXISTING FINISHES DAMAGED BY WORK UNDER THIS CONTRACT.
- CHIP, GRIND AND / OR FILL EXISTING FLOOR SLABS AS REQUIRED TO 8. 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.
- FILL ALL DEPRESSED AREAS AND HOLES IN EXISTING CONCRETE 9 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. DO NOT PAINT OVER "UL", "FM", OR SIMILAR LABELS, INCLUDING MECHANICAL AND ELECTRICAL NAME PLATES.
- 21. 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.
- 22. ALL PENETRATIONS TO BE 2-HR FIRE-RATED PER USPS MPF SPECIFICATION, SECTION 3.6.
- 23. ALL FIXTURES & MECHANICAL SYSTEMS WITHIN LIFT CLEARANCE AREAS KEYNOTED AS 160 ON SHEET AD150 SHALL BE RELOCATED ABOVE 16' - 3" A.F.F.
- 24. CONTRACTOR TO VERIFY INSTALLATION SEQUENCE/PREPARE SITE FOR INSTALLATION OF OWNER INSTALLED LIFT PRIOR TO INSTALLATION OF FLOORING.
- 25. WITHIN THE PROJECT LIMITS/AREA OF WORK, PAINT ALL EXISTING BOLLARDS SAFETY YELLOW TO COMPLY WITH USPS STANDARDS. CONTRACTOR TO FIELD VERIFY QUANTITY
- 26. CONTRACTOR TO CONFIRM EXISTING CONDITIONS ALLOW ADEQUATE CLEARANCE FOR NEW LIFT(S) PRIOR TO LIFT INSTALLATION; CONTRACTOR TO NOTIFY ARCHITECT AND OWNER OF ANY CONFLICTS PRIOR TO COMMENCING WORK.
- 27. EGRESS PATHS MUST REMAIN CLEAR OF OBSTRUCTION AT ALL TIMES TO ENSURE SAFE EMERGENCY EXIT. ANY EXISTING EQUIPMENT OR FURNITURE WITHIN THE PATH OF TRAVEL MUST BE RELOCATED OR REMOVED. CONTRACTOR TO WORK WITH OWNER AS NEEDED TO DETERMINE RELOCATION AREA.

	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	DETAILS
ARCHITE A001	CTURAL SCHEDULES
AD100	<b>OVERALL FIRST FLOOR &amp; MEZZANINE DEMOLITIO</b>
AD150	OVERALL FIRST FLOOR & MEZZANINE DEMOLITIO CEILING PLAN
A100	OVERALL PROPOSED FIRST FLOOR & MEZZANINE
A150	OVERALL PROPOSED FIRST FLOOR & MEZZANINE CEILING PLAN
A200	EXTERIOR ELEVATIONS
A500	DETAILS
ELECTRIC	1
E001	ELECTRICAL GENERAL INFORMATION
E001.R	ELECTRICAL GENERAL INFORMATION
ES100	ELECTRICAL SITE PLAN
ES100.R	ELECTRICAL SITE PLAN
ED100	ELECTRICAL DEMOLITION PLAN
ED100.R	ELECTRICAL DEMOLITION PLAN

**ELECTRICAL POWER & LIGHTING PLANS** 

E100.R ELECTRICAL POWER & LIGHTING PLANS

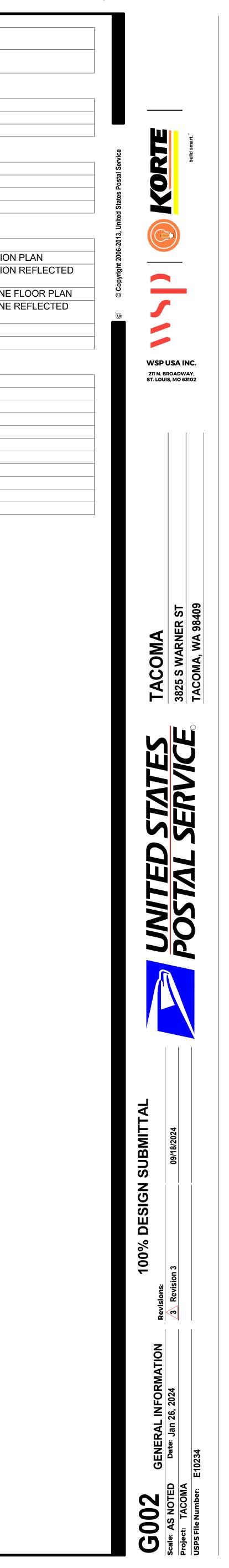
ELECTRICAL ONE-LINE DIAGRAM

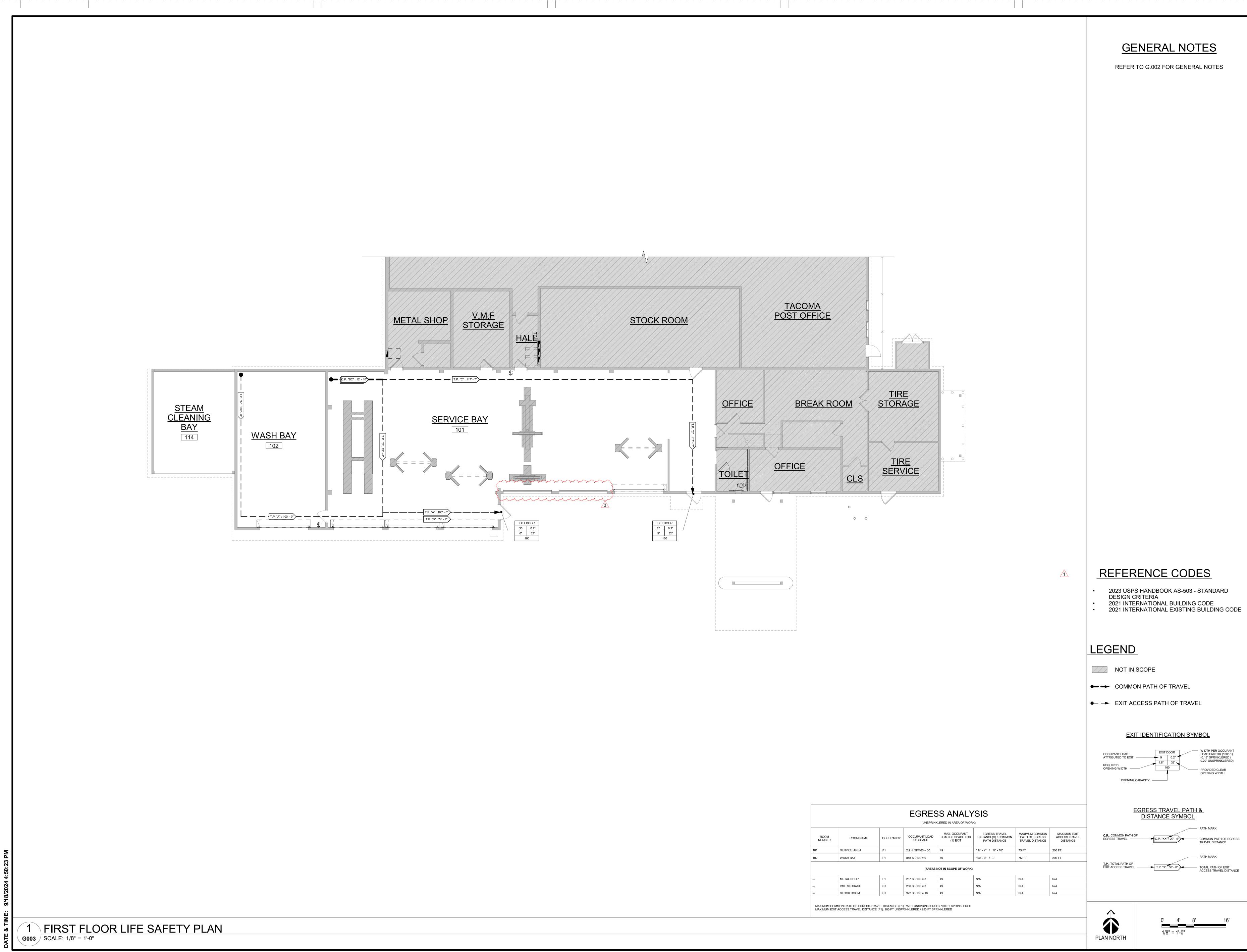
E400 R ELECTRICAL ONE-LINE DIAGRAM

E401 ELECTRICAL SCHEDULES

E100

E400





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 WIDTH PER OCCUPANT LOAD FACTOR (1005.1) (0.15" SPRINKLERED / 0.20" UNSPRINKLERED)
 PROVIDED CLEAR OPENING WIDTH

 PATH MARK
 COMMON PATH OF EGRESS TRAVEL DISTANCE
 PATH MARK
 TOTAL PATH OF EXIT ACCESS TRAVEL DISTANCE

\_\_\_\_\_ KORTE WSP USA INC. 211 N. BROADWAY, ST. LOUIS, MO 63102 R ST A N TACON 3825 S WAI TACOMA, V **POSTAL SERVICE** DESIGN SUBMITTAL 09/18/2024 100% က avisions 3 Revi LIFE SAFETY PLAN Date: Jan 26, 2024 GOO3 Scale: AS NOTEI Project: TACOM

16'

ENERAL NOTES DESIGN IS BASED OFF USPS STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. THE	GENERAL PLAN AND 1. PRIOR TO STARTING CON	SURVEY NOTES	HALL BE RESPONSIBLE
CONTRACTOR IS RESPONSIBLE TO POSSESS AND TO BE FAMILIAR WITH THESE DOCUMENTS AND SCHEDULING REQUIREMENTS APPLICABLE TO THE PROJECT.	FABRICATION SHALL BEG	MITS AND APPROVALS HAVE BEEN IN UNTIL THE CONTRACTOR HAS F IMENTS APPROVED BY ALL OF THE	RECEIVED AND THOROU
DESIGN HAS INCORPORATED STATE AND LOCAL DESIGN STANDARDS, SPECIFICATIONS, AND CODES. THE CONTRACTOR IS RESPONSIBLE TO POSSESS AND TO BE FAMILIAR WITH THESE STANDARDS, REFERENCE DOCUMENTS, AND SCHEDULING REQUIREMENTS APPLICABLE TO THE PROJECT.	2. THE CONTRACTOR'S ATTE PLAN NOTES."	ENTION IS DIRECTED TO THE SECT	TION OF THESE NOTES
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.		FORMED IN ACCORDANCE WITH T NDARDS OF THE LOCAL GOVERNI	,
IT IS THE CORRENT 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. ALL WORK WITHIN THE RI JURISDICTION AND SPECI	IGHTS OF WAY SHALL BE IN ACCO IFICATIONS.	RDANCE WITH THE GO
THESE CONTRACT DRAWINGS SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST.		ORDINATE ANY MAINTENANCE OF HE LOCAL JURISDICTION PRIOR TO	
EMOLITION NOTES	AND WASTE FROM THE SI COMPLETION OF PROJEC TEMPORARY SEDIMENT C MANAGER. IF POWER WA STORM SYSTEM. ALL SED	IPLETED IN A NEAT AND ORDERLY ITE INCLUDING TIMELY REMOVAL ( T, CONTRACTOR SHALL CLEAN TH CONTROLS, AS DIRECTED BY THE ( ASHING IS USED, NO SEDIMENT LAI DIMENT LADEN MATERIAL ON PAVE	OF ANY CONCRETE SP HE PAVED AREAS PRIO CITY AND/OR CONSTRU DEN WATER SHALL BE EMENT OR WITHIN THE
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	7. THESE PROJECT CONSTR	ID REMOVED FROM THE SITE AT C RUCTION DOCUMENTS SHALL NOT WSP CORPORATION AND THE CO	CONSTITUTE A CONTR
GENERATORS, ETC. THESE ACTIVITIES WILL REQUIRE SPECIFIC WASHINGTON STATE OF ECOLOGY 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 EPD(ENVIRONMENT PROTECTION DIVISION) AND LOCAL GOVERNING AUTHORITIES TO DETERMINE ANY CORRECTIVE ACTIONS THAT MAY BE DECLURED.	8. THE ENGINEER WILL NOT TECHNIQUES, SEQUENCE SUBCONTRACTORS. ANY	BE RESPONSIBLE FOR CONSTRUCT S OR PROCEDURES UTILIZED IN C SEQUENCING OR SUGGESTED NO N THE UNDERSTANDING OF PROJE	CTION OR SAFETY, ME/ CONSTRUCTION BY THE OTATIONS WHICH MAY
CORRECTIVE ACTIONS THAT MAY BE REQUIRED. DEMOLITION INCLUDES THE FOLLOWING: A. TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO	OUTSIDE REFERENCE SO	HER REFERENCES CONTAIN HERE PURCE LOCATIONS SUCH AS, BUT 1	NOT LIMITED TO, LOCA
<ol> <li>TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO COMMENCING DEMOLITION OPERATIONS (WHEN APPLICABLE).</li> <li>DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS NECESSARY FOR THE PROPOSED CONSTRUCTION OF NEW IMPROVEMENTS.</li> </ol>	OTHER INDUSTRY SOURC CONTENT CONTAINED HE	RENCE MANUALS, MANUFACTURE CES. WSP DOES NOT WARRANT INF REIN IT IS SHOWN SOLELY FOR RE	FORMATION OR REPRE EFERENCE ONLY OF DE
<ul> <li>REROUTING, RELOCATING, DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE</li> <li>UTILITIES IN PLACE (WHICHEVER IS APPLICABLE).</li> </ul>	CONSTRUCTION MANAGE INFORMATION FROM THE	ION.THE CONSTRUCTION TEAM MI R, WHERE APPLICABLE) SHALL OE RESPECTIVE SOURCE TO CONST	BTAIN THÈ MOST CURR RUCT THE IMPROVEME
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	BETWEEN THE ORIGINAL MATERIAL,THE CONSTRUC	PECTIVE GOVERNING AGENCIES. I DESIGN INTENT AND THE CONSTR CTION MANAGER OR THE PROJEC	RUCTION TEAM OBTAIN
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.		N OPERATIONS TO ENSURE MINIM	
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.	STREETS, WALKS, OR OTH OWNER AND AUTHORITIE OBSTRUCTED TRAFFIC W		ED FACILITIES WITHOU E ALTERNATE ROUTES
CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION/PROJECT MANAGER INCLUDING THE FOLLOWING:	THE OWNER PROVIDED S SITE'S POSSIBLE BELOW	ERGROUND FACILITIES SHOWN ON SURVEY. IT SHALL BE THE CONTRA GRADE FEATURES, INCLUDING BU	CTOR'S FULL RESPON IT NOT LIMITED TO, RO
<ul> <li>DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY.</li> <li>DATES FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.</li> </ul>	CONTRACTOR SHALL CON TO STARTING CONSTRUC	LL CONDUCT A WALK THROUGH WI NTACT THE VARIOUS UTILITY COM CTION. NO ADDITIONAL COMPENSA	IPANIES TO LOCATE TH ATION SHALL BE PAID T
IDENTIFY AND ACCURATELY LOCATE UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.	BE DISTURBED.	CAUSED BY THEIR WORK FORCE	
REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPD NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE	THE CONTRACTOR SHALL CONTRACTOR SHALL NOT TO PROCEEDING WITH CO BE PAID TO THE CONTRAC	FIELD VERIFY ALL EXISTING CON TIFY CONSTRUCTION/PROJECT MA ONSTRUCTION FOR NECESSARY C CTOR FOR WORK HAVING TO BE R	IDITIONS PRIOR TO CO ANAGER IF ANY DISCRE CHANGES. NO EXTRA C REDONE DUE TO INFOR
THROUGHOUT CONSTRUCTION OPERATIONS. 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.	13. THE CONTRACTOR SHALL BENCHMARKS AND A HOF CONTROL DATUM TO CON NOTIFY THE CONSTRUCT	PLANS IF SUCH NOTIFICATION HA RUN AN INDEPENDENT VERTICAL RIZONTAL CONTROL TRAVERSE TH NFIRM GEOMETRIC DATA. IT IS THI ION MANAGER OF ANY DISCREPAN	L CONTROL TRAVERSE IROUGH THE REFEREN E CONTRACTORS RESI
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.	CONSTRUCTION. 14. FROST DEPTH OF SITE AF	REA IS 30".	
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.	CURBING) SHALL MEET TH DEPARTMENT OF TRANSF	ND SPECIFICATIONS CIFIC PORTLAND CEMENT CONCRE HE MINIMUM REQUIREMENTS OF T PORTATION (WSDOT) AND THE AME THE RESPECTIVE ASTM STANDARD	HE LATEST EDITIONS C ERICAN CONCRETE INS
CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.	NORMAL WEIGHT CONCRE	IING, PLACEMENT, CURING, AND S ETE IS 4000 PSI AT 28 DAY STRENC ECIFICATIONS WITHIN THE CONST	GTH. CONTRACTOR SH
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.	PLACEMENT CONDITIONS	MIX DESIGN SHOP DRAWINGS SHA AND BE SUBMITTED TO THE CONS PROJECT REQUIREMENTS.	
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.	WITH CONCRETE PAVEME EXTERIOR VEHICULAR CC	E CURBS SHALL HAVE JOINTS PER ENT JOINTS WHERE APPLICABLE, 1 DNCRETE PAVEMENT AND FLATWC NSION JOINTS PER ACI 330 TYPICA	TYPICALLY BEING 10 FT ORK SHALL HAVE CONT
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	LESS 1	THAN 4 INCHES	JM JOINT SPACING 8 FEET
SHALL CONTACT GEOTECHNICAL ENGINEER PRIOR TO FILLING ANY AREAS TO OBSERVE FILL PROCEDURES.	5-	<5 INCHES <6 INCHES HES-<8 INCHES	10 FEET 12.5 FEET 15 FEET
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.	3. ALL JOINTS, INCLUDING S PRIOR TO SEALING. JOINT APPLIED ELASTOMERIC, A	HES-10 INCHES GAWED JOINTS, SHALL BE SEALED. I SEALING MATERIALS SHALL COM ASTM D 5893 TYPE NS FOR SILICON STOMERIC. SEALER WIDTH, DEPTH	1PLY WITH ASTM D 6690 NE RUBBER, AND TT-S-
CONTRACTOR TO WET SAWCUT EXISTING PAVEMENT TO REMAIN AT NEXT NEAREST JOINT PRIOR TO REMOVALS OF CURB, GUTTER, PAVEMENT, ETC.		R MANUFACTURES RECOMMENDAT 1 OR ASTM D8139 AND EXTEND TH	
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.	1.25 TO 1 AND HAVE A MEI PATHWAYS) WHICH SHALI TRAFFIC AREAS. STAGGE	SHALL BE SQUARE WITH A LENGTH DIUM BROOM FINISH (TRANSVERS L BE TO MINIMUM STRENGTH PRIC RED/OFFSET JOINT, INTERIOR CO	E, SLIP RESISTANT FO DR TO OPENING FOR VI RNERS, ANGLES LESS
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.	5. ALL JOINTING (IF) SHOWN	HAN 18-INCHES WIDE, AND ODD SH PAVEMENT CASTINGS SHALL BE	PROVIDED IN ACCORD
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.	COINCIDES WITH THEIR M THROUGH ANY PLACED C POSSIBLE TO KEEP UNNE SHOP DRAWING OF THEIR PRIOR TO PLACEMENT FO CONCRETE, WHICH HAS N	FULLY RESPONSIBLE FOR FINAL L/ MEANS AND METHODS TO ENSURE CONCRETE. JOINTS SHALL BE APP CESSARY CRACKS FROM DEVELO R PAVEMENT JOINT LAYOUT TO OW OR RECORD. THE CONTRACTOR SHOT BEEN PLACED/FINISHED IN AC DE EFFECTED AREA AT NO ADDITIC COMPLETION.	NO UNDESIRED CRAC ROPRIATELY PLACED A PING. CONTRACTOR S WNER / CONSTRUCTION HALL REPLACE ANY CR CORDANCE WITH ACI S
	ADDED TO CONCRETE ON BY THE WRITTEN BATCH F ADMIXTURES MAY BE UTII ADVERSE PLACEMENT CO	E AT JOB SITE WITH APPROPRIATE N SITE WHICH EXCEEDS THE MAXIN PLANT TICKET FROM THE SUPPLIE LIZED TO ACHIEVE DESIRED WORH ONDITIONS. ADMIXTURES SHALL B ITTEN INSTRUCTIONS AND MEET T	MUM ALLOWED W/C RA R. SUPERPLASTICIZER KABILITY OR TO ACCOU BE UTILIZED ONLY IN AG
	CONCRETE UTILIZING POZ MATERIALS SHALL BE IN A FLY ASH SHALL MEET THE LOSS ON IGNITION MUST I MINIMUM. SILICA FUME SI	/E A MIN. 5 YEARS EXPERIENCE W ZZOLAN MATERIALS. MIX DESIGNS ACCORDANCE WITH LOCAL DOT SF E REQUIREMENTS OF ASTM C618, ( NOT EXCEED 5%. SLAG CEMENT A HALL BE DRY DENSIFIED MEETING L BE IN ACCORDANCE WITH ACI 21	S WHICH UTILIZED POZ PECIFICATIONS AND AC CLASS C OR CLASS F, I ACCORDING TO ASTM C S THE REQUIREMENTS
		LOW-SHRINKAGE/WELL GRADED P ARE RESISTANT TO FREEZE/THAW	

## LE FOR MAKING SURE ISTRUCTION OR ROUGHLY REVIEWED ALL DRITIES.

ES ENTITLED "GRADING

FICATIONS AND THE

OVERNING

WNER'S

ALL EXCESS MATERIAL PLATTER. UPON OR TO REMOVAL OF RUCTION/PROJECT E WASHED INTO THE E STORM SYSTEM NSE.

TRACTUAL TRACTOR/OR OTHER AFFILIATED PARTIES.

EANS, METHODS, HE CONTRACTOR OR Y APPEAR IN THE PLANS

ATTAINED FROM AL AUTHORITY OCUMENTATION, OR RESENTATION OF SAID DESIGN INTENT AT THE OR AND RENT DETAILED **MENTS UNDER THE** ES ARE DISCOVERED NED REFERENCE N SHALL BE NOTIFIED

WITH ROADS, STREETS, SE OR OBSTRUCT OUT PERMISSION FROM ES AROUND CLOSED OR

SED ON NSIBILITY TO BECOME FAMILIAR WITH OOMS, VAULTS, PRESENTATIVE. THEIR FACILITIES PRIOR TO THE CONTRACTOR ARE NOT INTENDED TO

WERE BASED ON OWNERS PROVIDED DATA. ONSTRUCTION. REPANCIES EXIST PRIOR COMPENSATION SHALL RMATION SHOWN

E TO CHECK ENCED PROJECT SPONSIBILITY TO START OF

ALK, PAVEMENT OR OF THE WASHINGTON NSTITUTE (ACI) SED, MIXING, JM STRENGTH FOR HALL REFER TO TS FOR VARIATIONS THE ACTUAL FIELD MANAGER IN

TS ARE TO ALIGN FT TO 12 FT. ALL NTROL JOINTS PER

EANED AND DRIED 90 FOR HOT S-00230C FOR PPLICATION MATERIAL SHALL ONTACTING

GREATER THAN OR PEDESTRIAN VEHICULAR S THAN 60 PERMITTED. DANCE WITH ACI

ITENT. THE ING WHICH CKS FORM AS SOON AS SHALL SUBMIT ON MANAGER RACKED I STANDARDS, TO ROJECT WITHIN

TER SHALL BE RATIO AS INDICATED ER AND/OR OTHER OUNT FOR ACCORDANCE WITH S OF ASTM C494

ACEMENT OF DZZOLAN ACI STANDARDS , EXCEPT THE C989, GRADE 100 S OF ASTM C1240.

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**

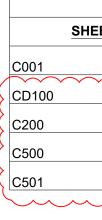
- AND ENSURE THE UTILITY COMPANIES HAVE THE ESSENTIALS REQUIRED FOR COMPLETE SERVICE INSTALLATION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER OF ANY TIME FRAMES ESTABLISHED BY UTILITY COMPANIES WHICH WILL NOT MEET OPENING DATE.
- CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, INVERT ELEVATION, AND CONDITION 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.
- 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** 

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

- 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 WHICH PREVENTS A DISCHARGE TO WATERS OF THE STATE. SUFFICIENT DISTANCE MUST BE 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.
- SUGGESTED METHODS OF CONSTRUCTION DUST CONTROL MAY INCLUDE THE FOLLOWING: 3.1. CONSTRUCTION SEQUENCING AND DISTURBING ONLY SMALL AREAS AT A TIME CAN GREATLY TEMPORARY STABILIZATION MEASURES SHOULD BE CONSIDERED PRIOR TO DISTURBANCES.
- 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
- 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
- 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.



# CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IMMEDIATELY AFTER BID IS AWARDED

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

APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. WHEN USED, SUPPRESSANTS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND IN A MANNER, PROVIDED BETWEEN APPLICATIONS AND NEARBY BRIDGES, CATCH BASINS, AND OTHER

REDUCE PROBLEMATIC DUST FROM THE SITE. IF LAND MUST BE DISTURBED, ADDITIONAL 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

WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION.

PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHTS TO

## SPILLS AND CONTAMINATION

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: PREVENT SPILLS

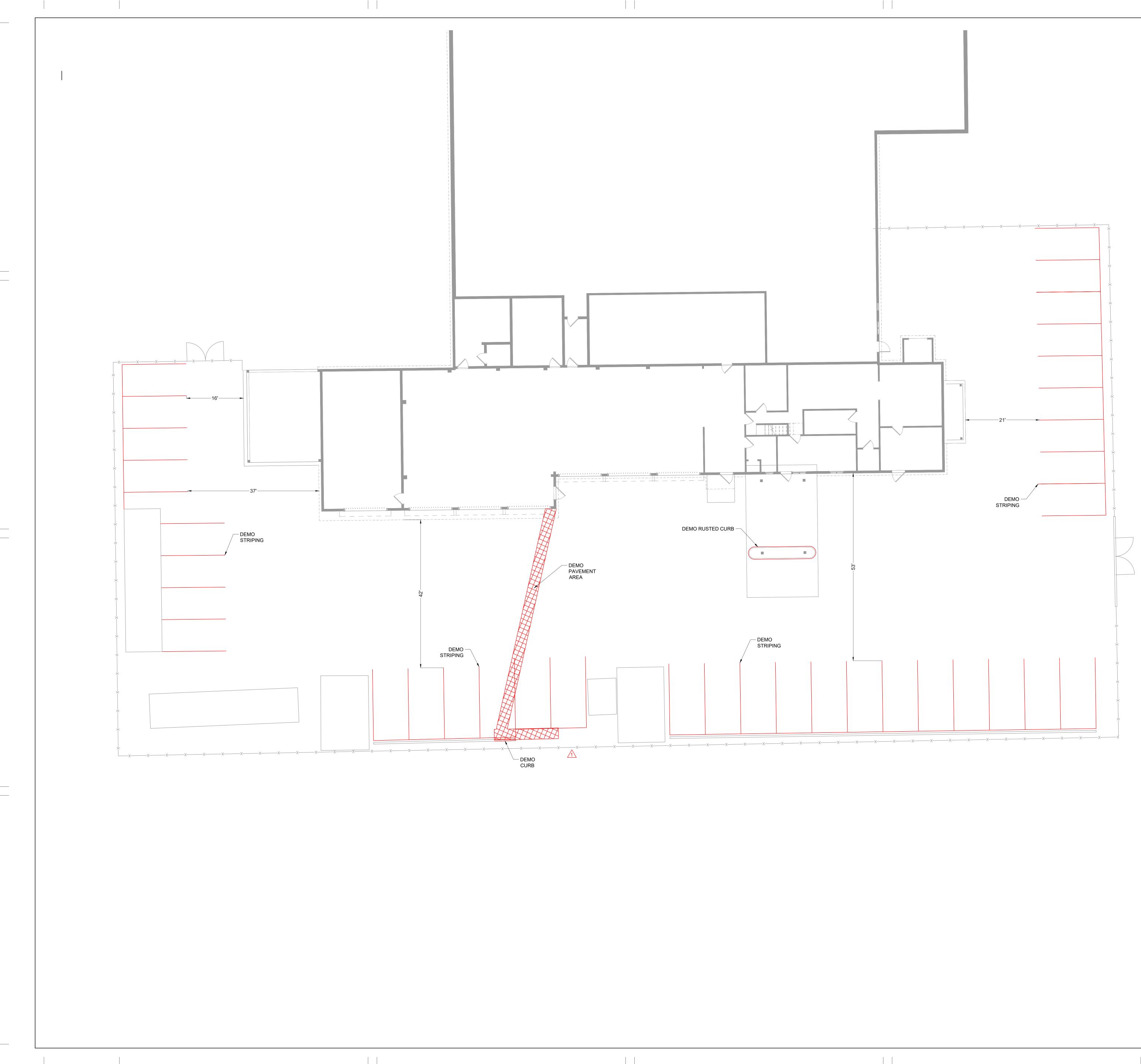
- USE PRODUCTS UP
- FOLLOW LABEL DIRECTIONS FOR DISPOSAL REMOVE LIDS FROM EMPTY BOTTLES AND CANS WHEN DISPOSING IN TRASH
- RECYCLE WASTES WHENEVER POSSIBLE DON'T POUR INTO WATERWAYS, STORM DRAINS OR ONTO THE GROUND
- DON'T POUR DOWN THE SINK, DOOR DRAIN OR SEPTIC TANKS DON'T BURY CHEMICALS OR CONTAINERS
- DON'T BURN CHEMICALS OR CONTAINERS DON'T MIX CHEMICALS TOGETHER

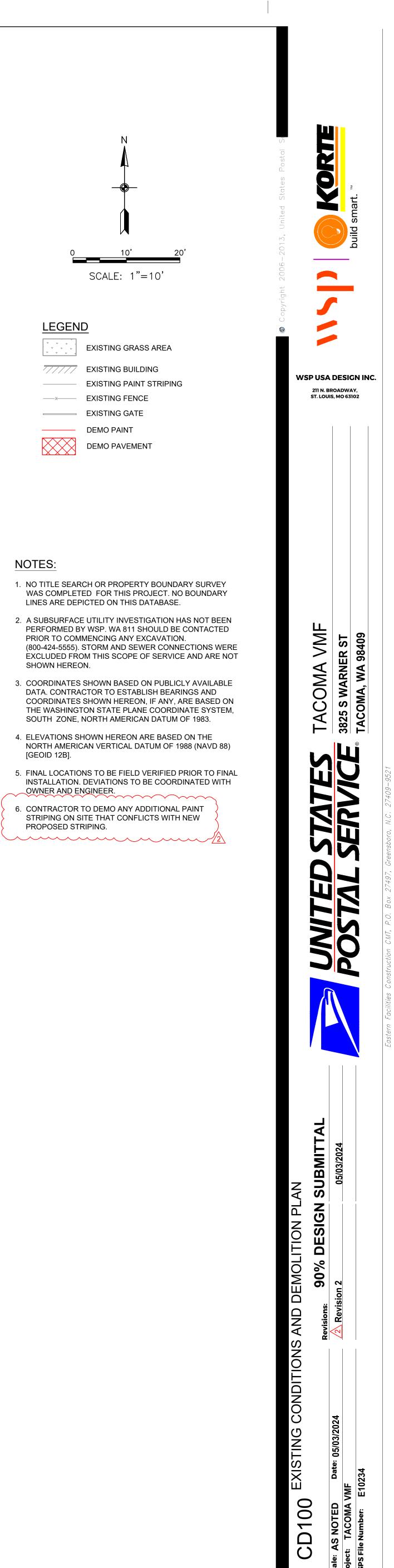
ANY DISCHARGE OF PETROLEUM OR PETROLEUM PRODUCTS OF LESS THAN 25 GALLONS ONTO A PERVIOUS SURFACE SHALL BE LEGALLY REMOVED AND PROPERLY TREATED OR PROPERLY DISPOSED OF, OR OTHERWISE REMEDIATED, SO THAT NO CONTAMINATION FROM THE DISCHARGE REMAINS ON-SITE. SPILLS OF 25 GALLONS OR MORE OF PETROLEUM PRODUCTS SHALL BE REPORTED TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY, 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 STATE DEPARTMENT OF ECOLOGY.

- 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 STATE DEPARTMENT OF ECOLOGY.
- 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 STATE DEPARTMENT OF ECOLOGY APPROVED CD&D LAND FILL.
- 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 I			
C501	DETAILS II			
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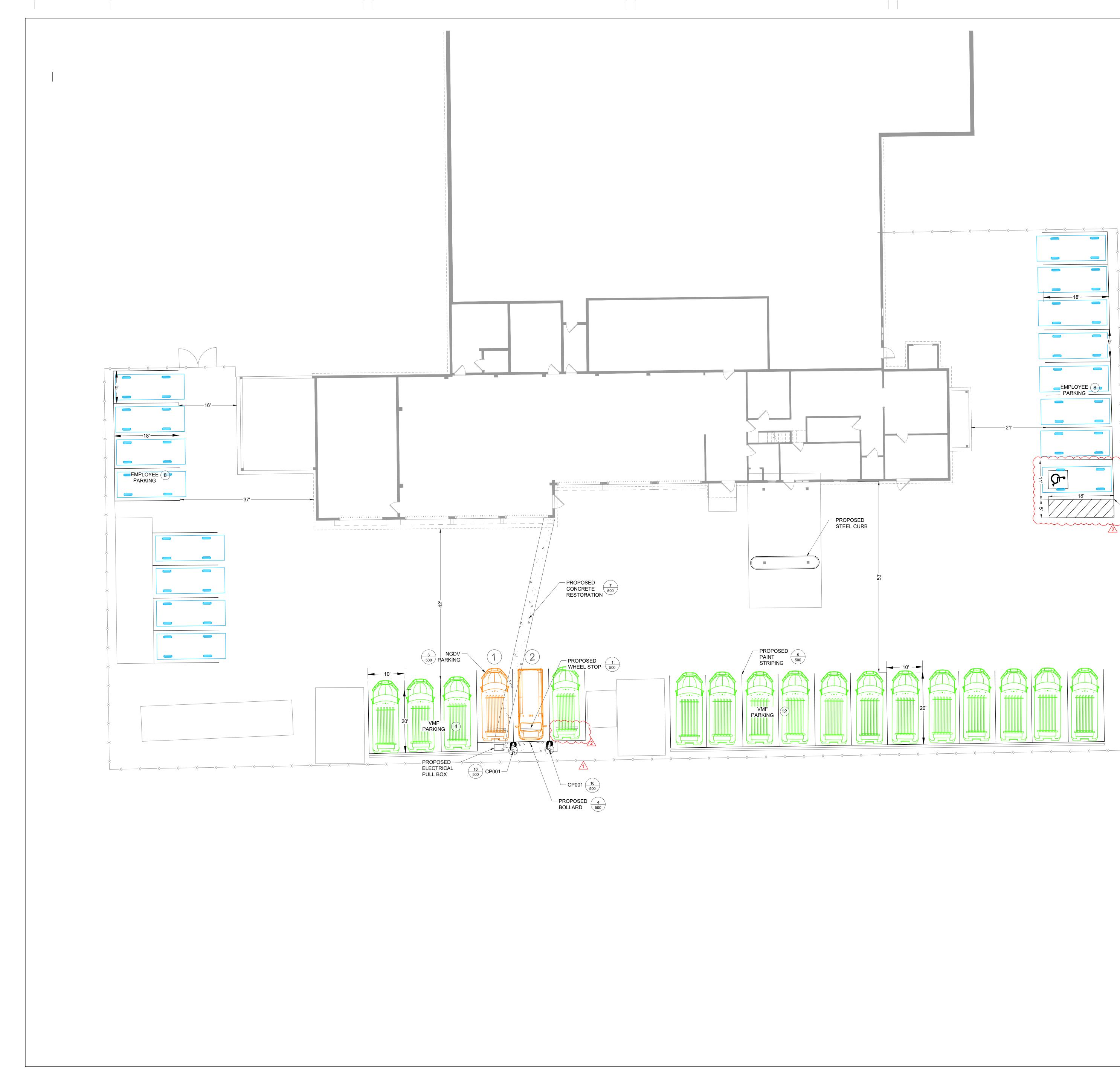
## LEGEND

	—
* * * * * * * * * *	EXISTING GRASS AR
/////	EXISTING BUILDING
	EXISTING PAINT STR
X	EXISTING FENCE
	EXISTING GATE
	DEMO PAINT
	DEMO PAVEMENT

## NOTES:

- LINES ARE DEPICTED ON THIS DATABASE.
- PRIOR TO COMMENCING ANY EXCAVATION. SHOWN HEREON.

- PROPOSED STRIPING.



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# \_\_\_\_X\_\_\_\_X\_\_\_\_X\_\_\_\_X\_\_\_\_X\_\_\_\_X\_\_\_\_X\_\_\_\_X ᡗᡣ L\_\_\_\_ - PROPOSED 13 SIGN POST 500 —18'— -PROPOSED ACCESSIBLE PARKING ·····

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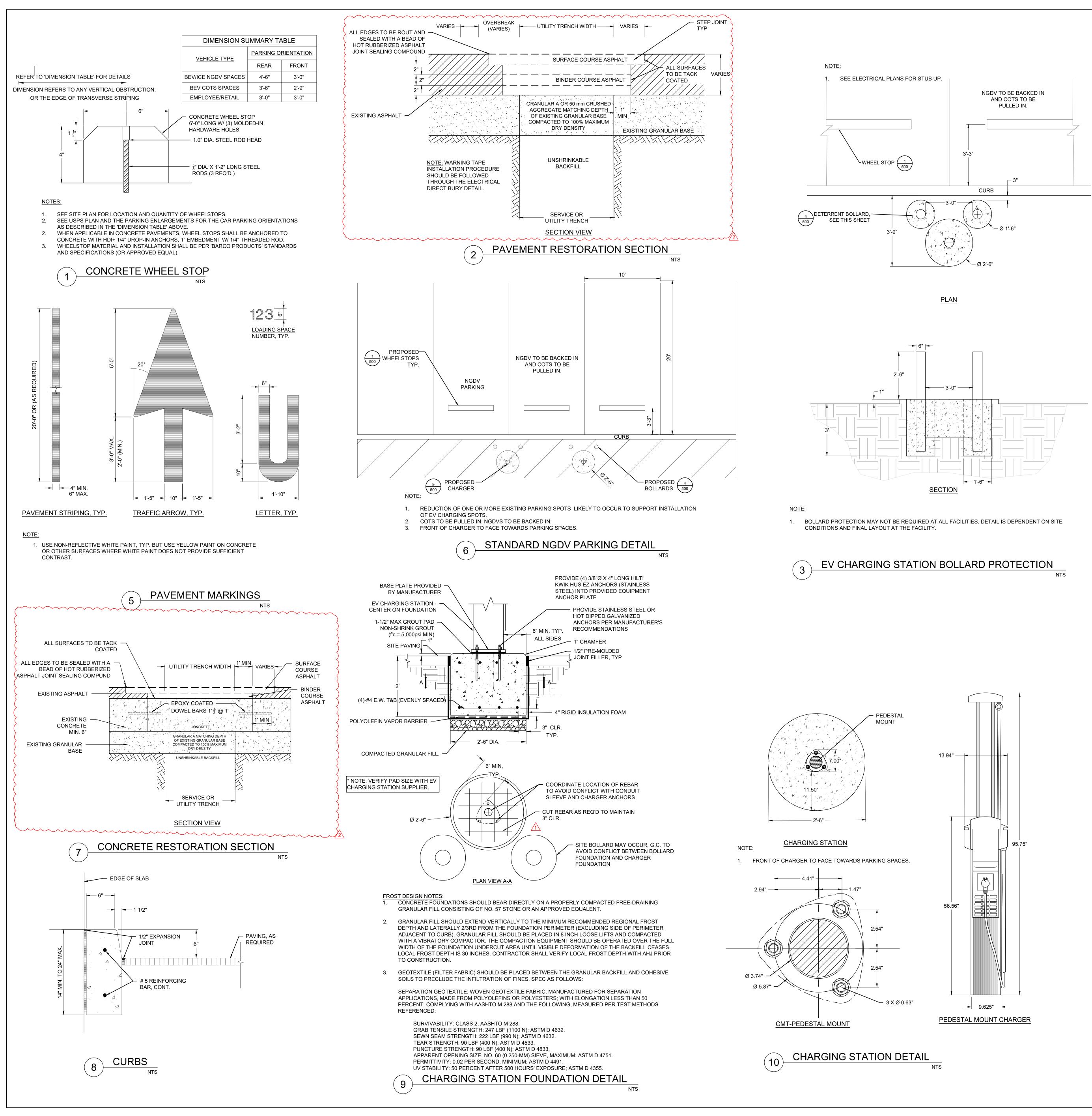
# EXISTING BUILDING —×— EXISTING FENCE EXISTING GATE Ġ.

## NOTES:

- LINES ARE DEPICTED ON THIS DATABASE.
- PRIOR TO COMMENCING ANY EXCAVATION. SHOWN HEREON.
- [GEOID 12B].
- OWNER AND ENGINEER.
- EXISTING CONCRETE.
- SITE.
- 8. CONTRACTOR TO RESTORE CONCRETE WHERE REQUIRED FOR CHARGER, BOLLARD, AND CONDITIONS. (IE. GRASS=GRASS, CONCRETE=CONCRETE, ETC.)

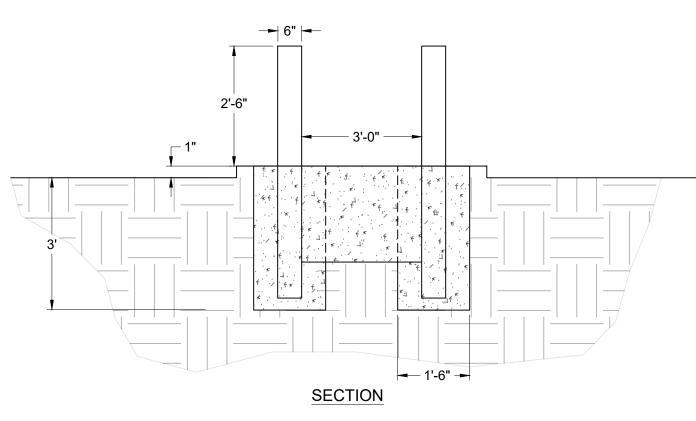
PARKING TYPE	PROVID
EMPLOYEE PARKING	16
VMF PARKING	16
VMF CHARGING PARKING	2

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



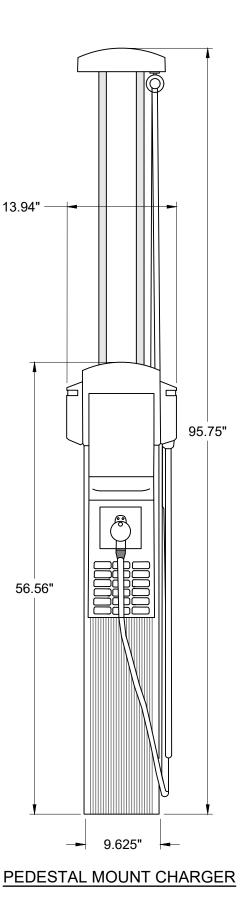
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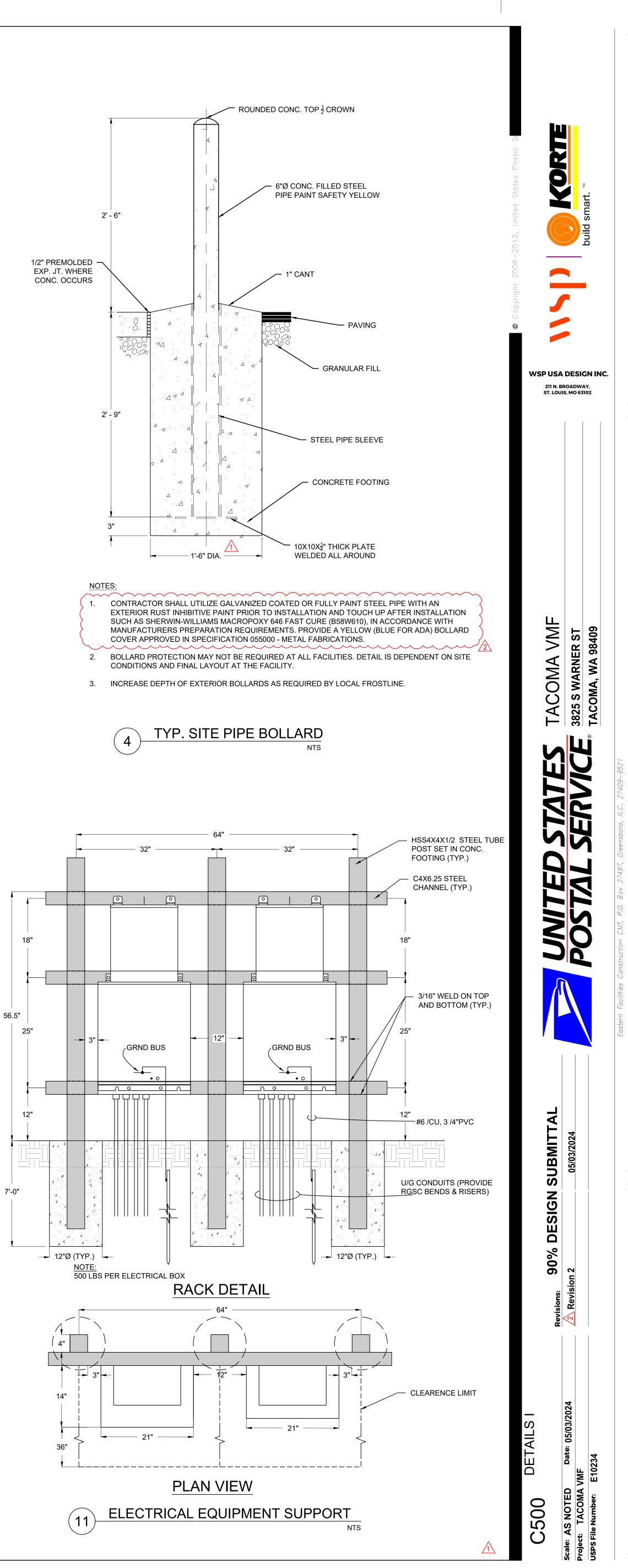
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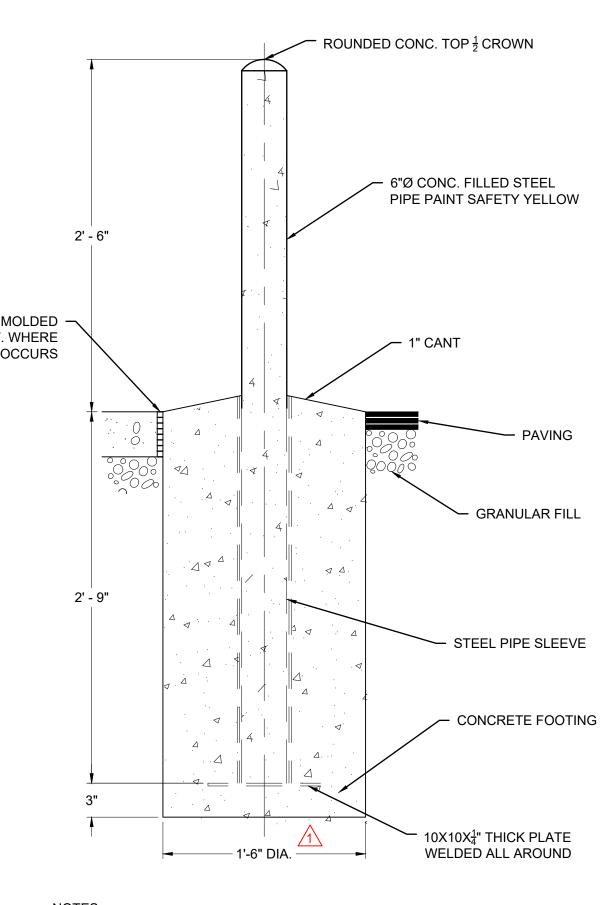


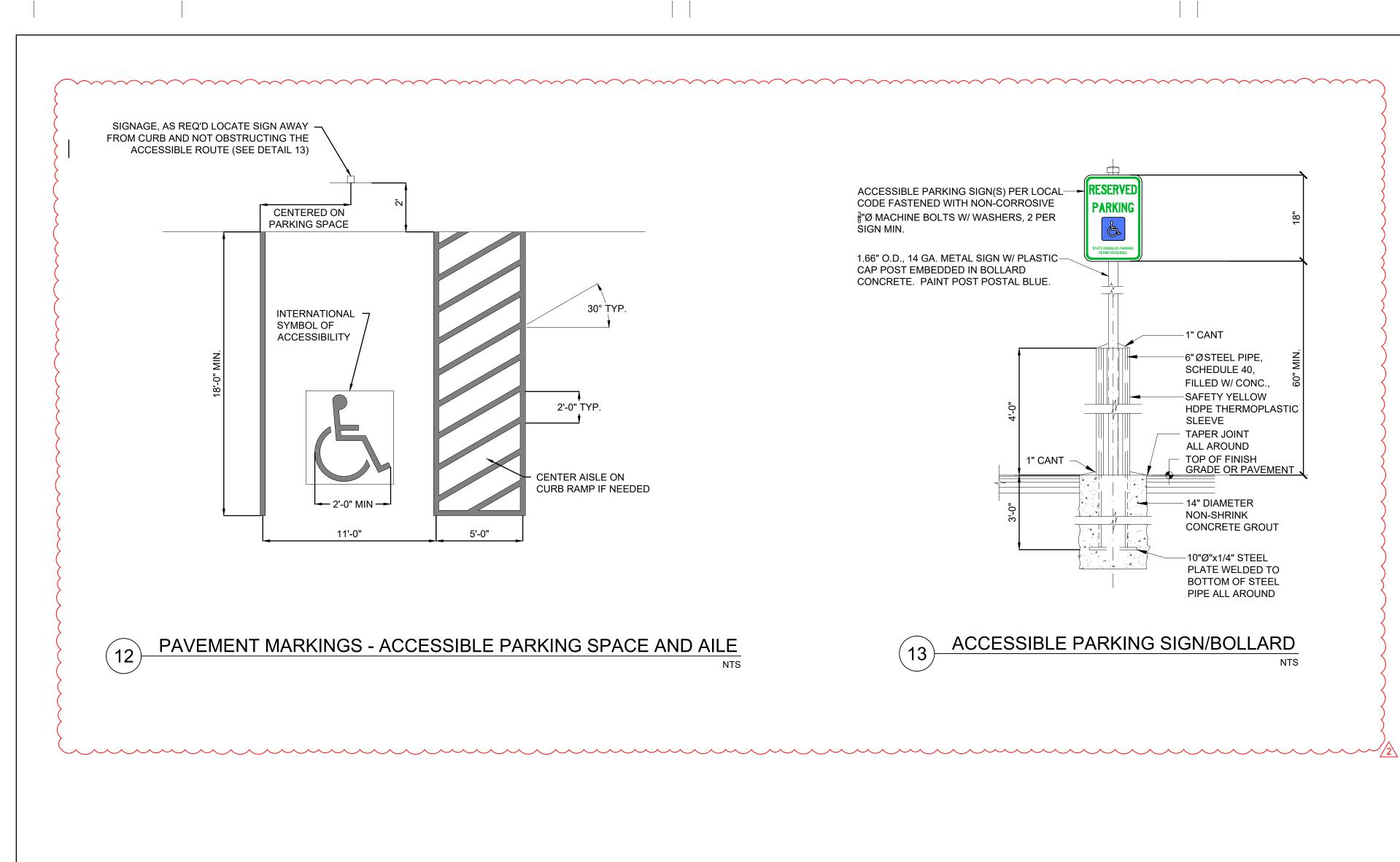






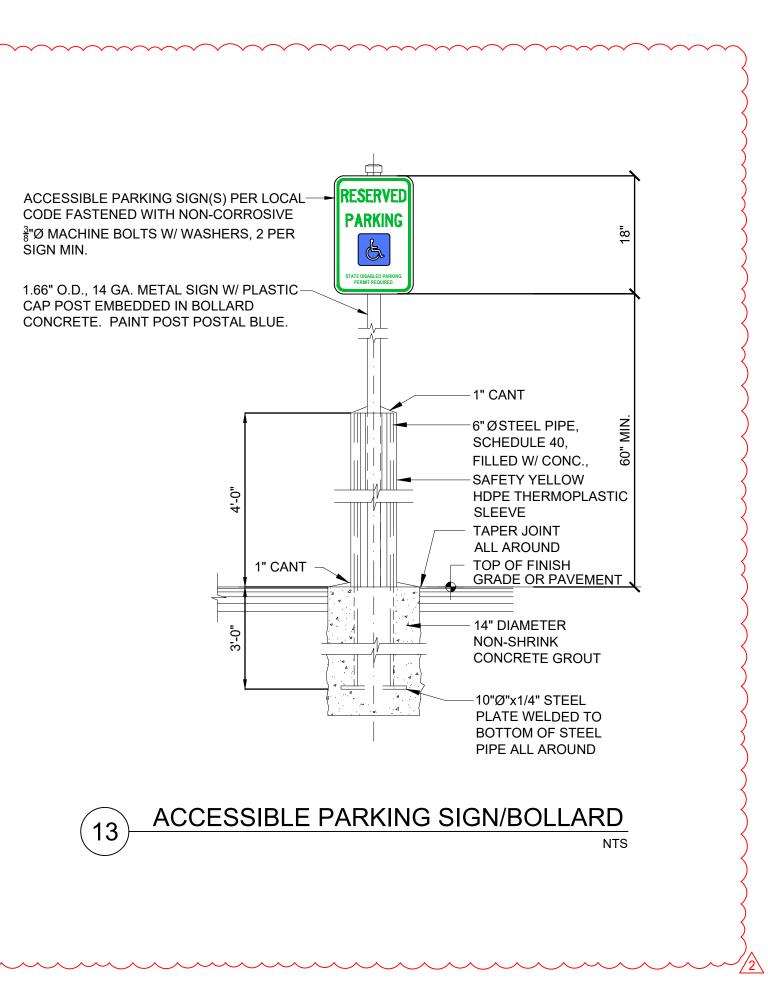






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## ROOM FINISH SCHEDULE-

				WALLS				;
		FLOOR		NOF	RTH	EAST		SOL
NO.	ROOM NAME	MATERIAL	FLOOR FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL
101	SERVICE BAY	CONC.	EPOXY	EXIST. CONC.	P - 1	EXIST. CONC./CMU	P - 1	EXIST. CONC.
102	WASH BAY	CONC.	EPOXY	EXIST. CMU	P - 1	EXIST. CONC./CMU	P - 1	EXIST. CONC.

	DOC	OR	FR/	AME						
NO.	MATERIAL	FINISH	MATERIAL	FINISH				REMARKS		
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					
109	EXIST.	P - 6	EXIST.		1, 2, 3, & 4					
110	EXIST.	P - 6	EXIST.		1, 2, 3, & 4					
111	EXIST.	P - 6	EXIST.	P - 6	1, 2, 3, & 4					
					NEW O	VERHEAD DOOR SCI	HEDULE			
		SIZE		TVDE		DOOR		FRAME		
NO. N101	WIDTH 12' - 0"	SIZE HEIGHT 12' - 0"	THICKNESS 3/4"	TYPE	MEW ON MATERIAL STL.	DOOR FINISH FACTORY POWDER COAT TO	HEDULE MATERIAL STL.	FINISH FACTORY POWDER COAT TO	1, 2, & 3	REMARKS
NO. N101 N102		HEIGHT			MATERIAL	DOOR	MATERIAL	FINISH		REMARKS
N101	12' - 0"	HEIGHT 12' - 0"	3/4"	COILING	MATERIAL STL.	DOOR FINISH FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO	MATERIAL STL.	FINISH FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO	1, 2, & 3	REMARKS
N101 N102	12' - 0" 12' - 0"	HEIGHT 12' - 0" 12' - 0"	3/4"	COILING	MATERIAL STL. STL.	DOOR FINISH FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO	MATERIAL STL. STL.	FINISH FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO	1, 2, & 3 1, 2, & 3	REMARKS
N101 N102 N103	12' - 0" 12' - 0" 12' - 0"	HEIGHT 12' - 0" 12' - 0" 12' - 0"	3/4" 2" 2"	COILING SECTIONAL SECTIONAL	MATERIAL STL. STL. STL.	DOOR FINISH FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO	MATERIAL STL. STL. STL.	FINISHFACTORY POWDER COAT TO MATCH EXIST.FACTORY POWDER COAT TO MATCH EXIST.	1, 2, & 3 1, 2, & 3 1, 2, & 3 1, 2, & 3 1, 2, & 3	REMARKS
N101 N102 N103 N104	12' - 0"         12' - 0"         12' - 0"         12' - 0"         12' - 0"	HEIGHT 12' - 0" 12' - 0" 12' - 0" 12' - 0"	3/4" 2" 2" 3/4"	COILING SECTIONAL SECTIONAL COILING	MATERIAL STL. STL. STL. STL.	DOOR FINISH FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO MATCH EXIST. FACTORY POWDER COAT TO	MATERIAL STL. STL. STL. STL.	FINISHFACTORY POWDER COAT TO MATCH EXIST.FACTORY POWDER COAT TO MATCH EXIST.	1, 2, & 3 1, 2, & 3 1, 2, & 3 1, 2, & 3 1, 2, & 3	REMARKS

- 1ST FLO	OR						
				CEILING			
UTH	WE	ST					
FINISH	MATERIAL	FINISH	MATERIAL	FINISH		REMARKS	
P - 1	EXIST. CONC.	P - 1	EXIST.	EXIST. TO REMAIN	1		
P - 1	EXIST. CONC.	P - 1	EXIST.	EXIST. TO REMAIN	1		

			LIFT SC	HEDULE		
SERVICE BAY	EXISTI	NG LIFT		NEW LIFT		
NUMBER	LIFT TYPES	CAPACITY LB	LIFT NUMBER	LIFT TYPES	CAPACITY LB	REMARKS

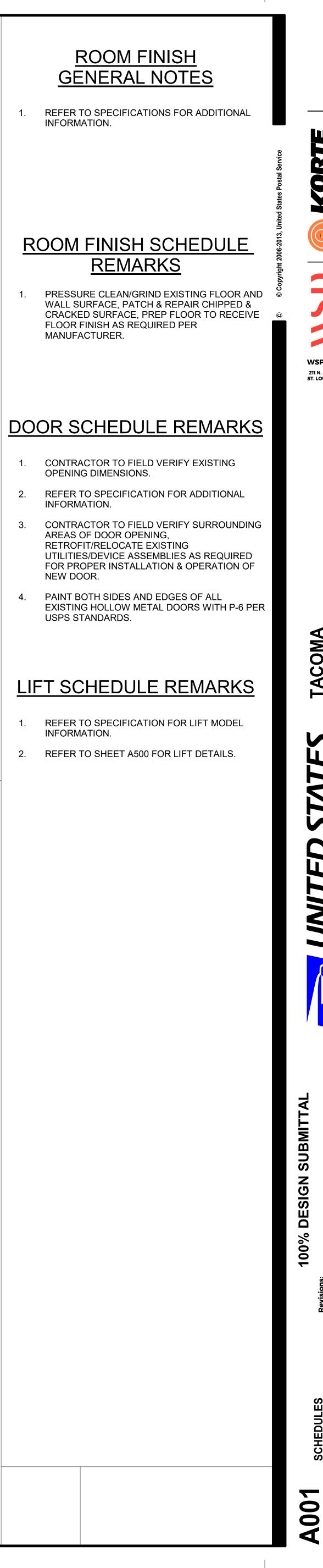
## ROOM FINISH GENERAL NOTES

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

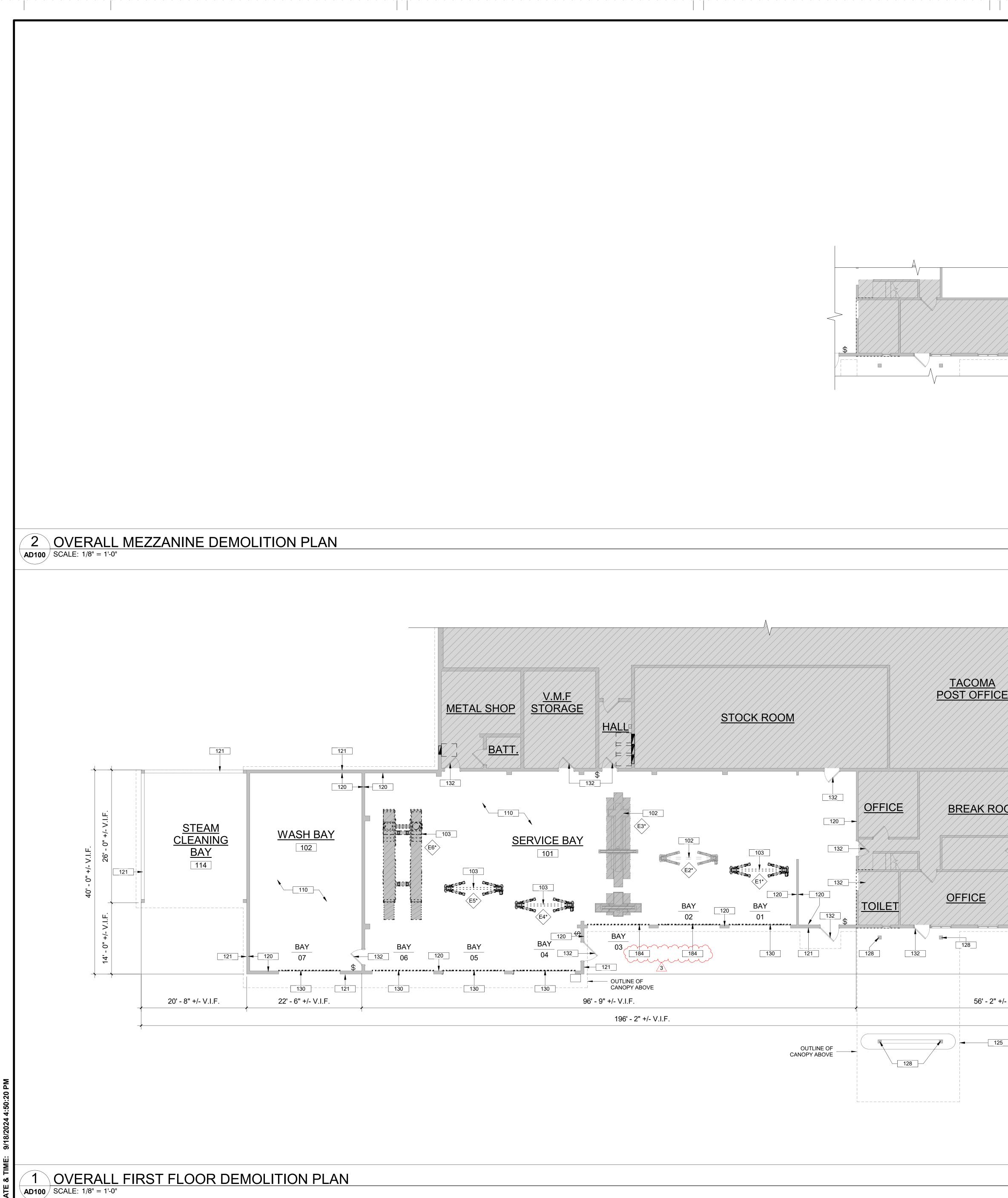
- 1. CONTRACTOR TO FIELD VERIFY EXISTING OPENING DIMENSIONS.
- 2. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
- 3. CONTRACTOR TO FIELD VERIFY SURROUNDING AREAS OF DOOR OPENING, RETROFIT/RELOCATE EXISTING UTILITIES/DEVICE ASSEMBLIES AS REQUIRED FOR PROPER INSTALLATION & OPERATION OF NEW DOOR.
- 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.







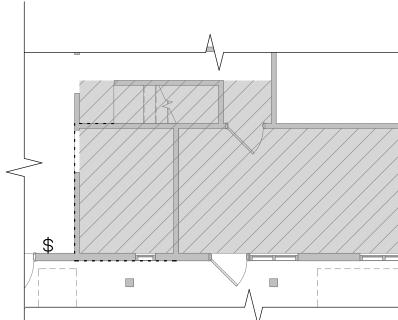
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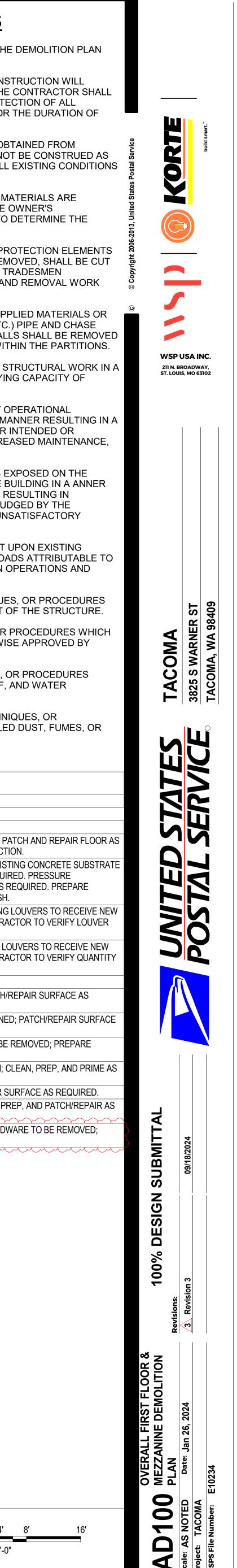
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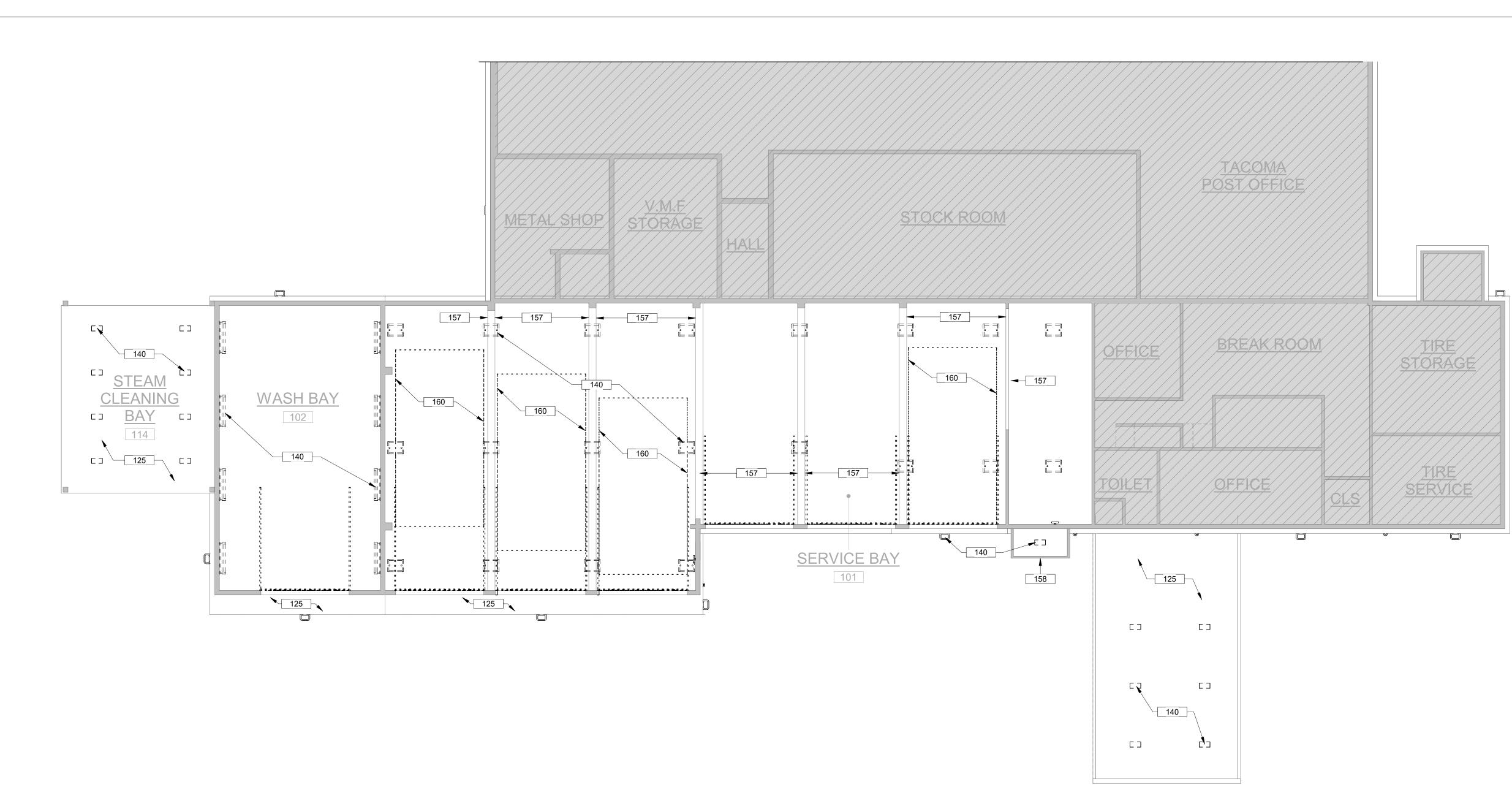
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		DEMO GENERAL NOTES
		BELOW APPLY TO DASHED LINES AS INDICATED ON THE SS OTHERWISE NOTED.
		THE BUILDING AREAS ADJACENT TO THE AREA OF CONST REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. THE O TAKE EVERY PRECAUTION FOR THE SAFETY AND PROTEC PERSONS IN THE BUILDING UNDER CONSTRUCTION FOR T THE PROJECT.
		EXISTING CONDITIONS ARE BASED ON INFORMATION OBT EXISTING DRAWINGS AND FIELD SURVEY AND SHALL NOT "AS-BUILT." THE CONTRACTOR SHALL FIELD VERIFY ALL E PRIOR TO CONSTRUCTION.
		IN THE EVENT THAT QUESTIONABLE ENVIRONMENTAL MA SUSPECTED OR IDENTIFIED BY THE CONTRACTOR, THE O REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY TO D EXTENT OF MATERIAL AND THE COURSE OF ACTION.
		ALL MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROWITHIN THE AREA OF DEMOLITION THAT ARE TO BE REMO AND CAPPED AND MADE SAFE BY A SUBCONTRACTOR TRA APPROPRIATE TO THE SCOPE PRIOR TO DEMOLITION AND OCCURRING BY THE DEMOLITION SUBCONTRACTOR.
		ALL DASHED PARTITIONS, WALL FURRING, SURFACE APPL FINISHES (I.E. WALL COVERINGS, WOOD PANELING, ETC.) FURRING IN INTERIOR SPACES AND AT PERIMETER WALLS FULL HEIGHT INCLUDING DOORS AND FRAMES, ETC. WITH
		REQUIREMENTS OF STRUCTURAL WORK: DO NOT CUT STI MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING LOAD/DEFLECTION RATIO.
		OPERATIONAL AND SAFETY LIMITATIONS: DO NOT CUT OP ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MAN REDUCTION OF CAPACITIES TO PERFORM IN A MANNER IN RESULTING IN A DECREASED OPERATIONAL LIFE, INCREA
0	8.	OR DECREASED SAFETY. VISUAL REQUIREMENTS: DO NOT CUT WORK WHICH IS EX EXTERIOR OR EXPOSED IN OCCUPIED SPACES OF THE BU RESULTING IN A REDUCTION OF VISUAL QUALITIES OR RE SUBSTANTIAL EVIDENCE OF THE DEMOLITION WORK JUDG ARCHITECT TO BE CUT AND PATCHED IN A VISUALLY UNSA
	9.	MANNER. LOADING: DO NOT SUPERIMPOSE LOADS AT ANY POINT U STRUCTURE BEYOND DESIGN CAPACITY INCLUDING LOAD MATERIALS, CONSTRUCTION EQUIPMENT, DEMOLITION OF SHORING AND BRACING.
	10.	VIBRATION: DO NOT USE MEANS, METHODS, TECHNIQUES WHICH WOULD INDUCE VIBRATION INTO ANY ELEMENT OF
		FIRE: DO NOT USE MEANS, METHODS, TECHNIQUES, OR P WOULD PRODUCE ANY FIRE HAZARD UNLESS OTHERWISE CONTRACTING OFFICER.
		WATER: DO NOT USE MEANS, METHODS, TECHNIQUES, OF WHICH WOULD PRODUCE EXCESSIVE WATER RUN-OFF, A POLLUTION.
	13.	AIR POLLUTION: DO NOT USE MEANS, METHODS, TECHNIC PROCEDURES WHICH WOULD PRODUCE UNCONTROLLED OTHER DAMAGING AIR POLLUTION.
	MARK	KEYNOTES LEGEND - DEMO DESCRIPTION
	102 103 110 120 121	<ul> <li>EXISTING LIFT TO REMAIN. NOT IN CONTRACT (N.I.C.)</li> <li>EXISTING LIFT TO BE REPLACED/INSTALLED BY OTHERS (N.I.C.). PAT REQUIRED. CONTRACTOR TO VERIFY SEQUENCE OF CONSTRUCTIO</li> <li>EXISTING FLOOR FINISH TO BE REMOVED; CLEAN AND PREP EXISTIN FOR NEW FLOOR FINISH. PATCH AND REPAIR SURFACE AS REQUIRE WASH/CLEAN EXISTING TRENCH DRAINS AND COVER PLATES AS RE EXISTING STRIPED CIRCLUATION AREAS TO RECEIVE NEW FINISH.</li> <li>PREPARE INTERIOR WALL SURFACES AND ASSOCIATED EXISTING L FINISH; CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED; CONTRAC QUANTITY.</li> <li>POWER WASH EXTERIOR WALL SURFACES; PREPARE EXISTING LOU FINISH; CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED; CONTRAC</li> </ul>
	124 125	OF LOUVERS. EXISTING FENCE TO REMAIN. N.I.C. PRESSURE WASH/CLEAN EXISTING CANOPY STRUCTURE; PATCH/RE
	128 130	REQUIRED.         EXISTING EXTERIOR COLUMN TO BE PRESSURE WASHED/CLEANED;         AS REQUIRED.         EXISTING OVERHEAD DOOR AND ALL RELATED HARDWARE TO BE R         OPENNING AD REQUIRED.
STORAGE	132	OPENING AS REQUIRED TO RECEIVE NEW DOOR. PREPARE EXISTING DOOR AND FRAME TO RECEIVE NEW FINISH; CL REQUIRED; TYP.
TIRE SERVICE	148 153 184	PRESSURE WASH/CLEAN EXISTING STRUCTURE; PATCH/REPAIR SUI PREPARE EXISTING BOLLARD TO RECEIVE NEW FINISH; CLEAN, PRE REQUIRED; TYP. EXISTING OVERHEAD SECTIONAL DOOR AND ALL RELATED HARDWA PREPARE OPENING AS REQUIRED TO RECEIVE NEW DOOR.
+/- V.I.F.		
25		
		EGEND NOT IN SCOPE
		INDICATES ELEMENTS TO BE DEMO'D. SEE KEYNOTES FOR DETAILS
	$\langle$	# LIFT TAG E# INDICATES EXISTING LIFTS #* INDICATES LIFTS NOT IN SCOPE
		0' 4'
		PLAN NORTH

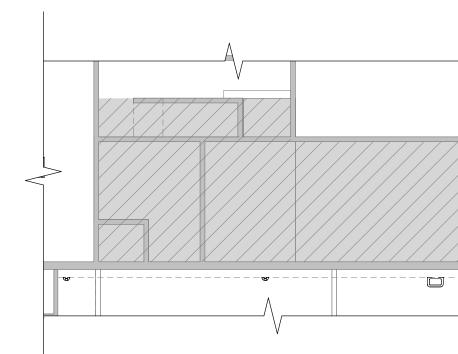


## 2 OVERALL MEZZANINE DEMOLITION REFLECTED CEILING PLAN AD150 SCALE: 1/8" = 1'-0"



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

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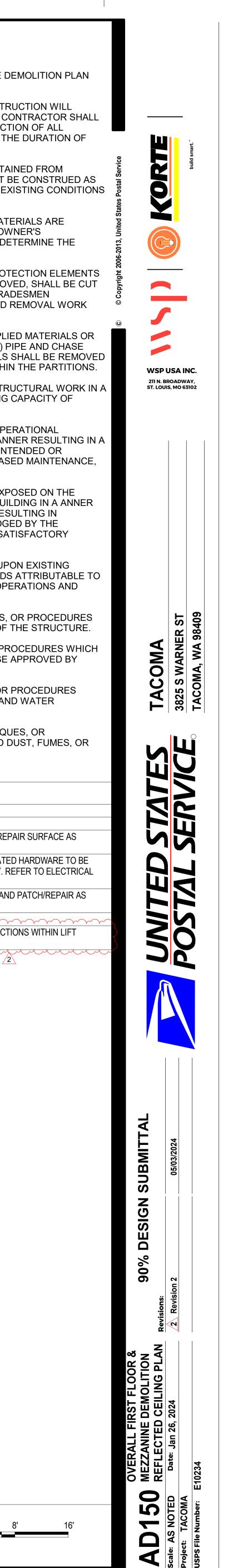
		<u>DEMO GENERAL NOTES</u>
		IS BELOW APPLY TO DASHED LINES AS INDICATED ON THE DEMOLITIO ESS OTHERWISE NOTED.
	1.	THE BUILDING AREAS ADJACENT TO THE AREA OF CONSTRUCTION W REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. THE CONTRACTO TAKE EVERY PRECAUTION FOR THE SAFETY AND PROTECTION OF AL PERSONS IN THE BUILDING UNDER CONSTRUCTION FOR THE DURATI THE PROJECT.
L	2.	EXISTING CONDITIONS ARE BASED ON INFORMATION OBTAINED FRO EXISTING DRAWINGS AND FIELD SURVEY AND SHALL NOT BE CONST "AS-BUILT." THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CO PRIOR TO CONSTRUCTION.
	3.	IN THE EVENT THAT QUESTIONABLE ENVIRONMENTAL MATERIALS AF SUSPECTED OR IDENTIFIED BY THE CONTRACTOR, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY TO DETERMINE EXTENT OF MATERIAL AND THE COURSE OF ACTION.
	4.	ALL MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION E WITHIN THE AREA OF DEMOLITION THAT ARE TO BE REMOVED, SHAL AND CAPPED AND MADE SAFE BY A SUBCONTRACTOR TRADESMEN APPROPRIATE TO THE SCOPE PRIOR TO DEMOLITION AND REMOVAL OCCURRING BY THE DEMOLITION SUBCONTRACTOR.
	5.	ALL DASHED PARTITIONS, WALL FURRING, SURFACE APPLIED MATER FINISHES (I.E. WALL COVERINGS, WOOD PANELING, ETC.) PIPE AND C FURRING IN INTERIOR SPACES AND AT PERIMETER WALLS SHALL BE FULL HEIGHT INCLUDING DOORS AND FRAMES, ETC. WITHIN THE PAR
	6.	REQUIREMENTS OF STRUCTURAL WORK: DO NOT CUT STRUCTURAL MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING CAPACITY LOAD/DEFLECTION RATIO.
	7.	OPERATIONAL AND SAFETY LIMITATIONS: DO NOT CUT OPERATIONAL ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MANNER RESU REDUCTION OF CAPACITIES TO PERFORM IN A MANNER INTENDED O RESULTING IN A DECREASED OPERATIONAL LIFE, INCREASED MAINT OR DECREASED SAFETY.
	8.	VISUAL REQUIREMENTS: DO NOT CUT WORK WHICH IS EXPOSED ON EXTERIOR OR EXPOSED IN OCCUPIED SPACES OF THE BUILDING IN A 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 UNSATISFACTO MANNER.
	9.	LOADING: DO NOT SUPERIMPOSE LOADS AT ANY POINT UPON EXISTI STRUCTURE BEYOND DESIGN CAPACITY INCLUDING LOADS ATTRIBU MATERIALS, CONSTRUCTION EQUIPMENT, DEMOLITION OPERATIONS SHORING AND BRACING.
	10.	VIBRATION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCI WHICH WOULD INDUCE VIBRATION INTO ANY ELEMENT OF THE STRU
	11.	FIRE: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURE WOULD PRODUCE ANY FIRE HAZARD UNLESS OTHERWISE APPROVE CONTRACTING OFFICER.
	12.	WATER: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDU WHICH WOULD PRODUCE EXCESSIVE WATER RUN-OFF, AND WATER POLLUTION.
	13.	AIR POLLUTION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE UNCONTROLLED DUST, FUN OTHER DAMAGING AIR POLLUTION.
		KEYNOTES LEGEND - DEMO
	MAF	DESCRIPTION
	12	5 PRESSURE WASH/CLEAN EXISTING CANOPY STRUCTURE; PATCH/REPAIR SURFAC REQUIRED.
	140	EXISTING LIGHT FIXTURES/ELECTRICAL EQUIPMENT AND ALL RELATED HARDWAF REMOVED. CONTRACTOR TO VERIFY EXISTING FIXTURE QUANTITY. REFER TO EL DRAWINGS FOR ADDITIONAL INFORMATION.
	15	7 PREPARE EXISTING BEAM TO RECEIVE NEW FINISH; CLEAN, PREP AND PATCH/RE REQUIRED; TYP.
		SERVICE AREAS SHALL BE RELOCATED ABOVE 16' - 3" A.F.F.

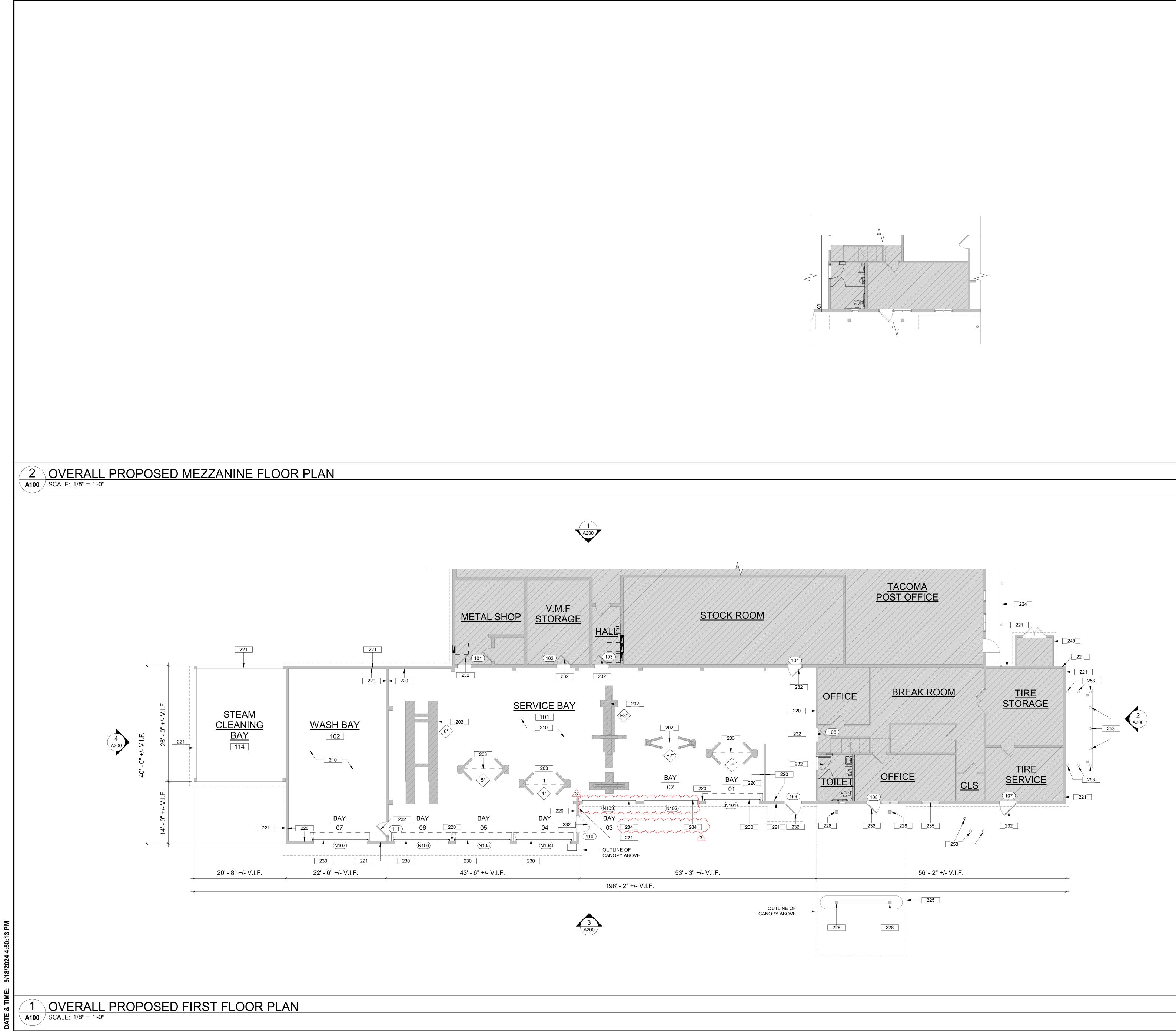
## LEGEND

NOT IN SCOPE

INDICATES ELEMENTS TO BE DEMO'D. SEE KEYNOTES FOR DETAILS

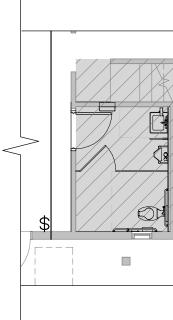






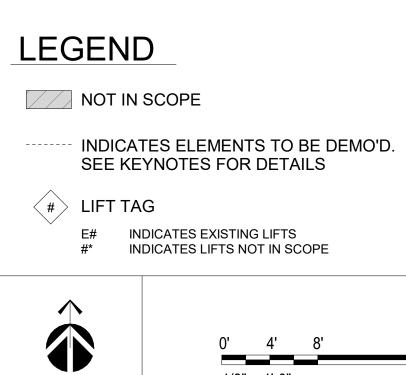
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REFER TO G.002 FOR GENERAL NOTES

<ul> <li>(N.I.C.). PATCH AND REPAIR FLOOR AS REQUIRED. CONTRACTOR TO VERIFY SEQUENCE OF CONSTRUCTION.</li> <li>210 INSTALL NEW FLOOR SURFACE; CLEAN AND PREPARE EXISTING SUBSTRATE FOR NEW FLOOR FINISH. PRESSURE WASH/CLEAN EXISTING TRENCH DRAINS AN COVER PLATES AS REQUIRED. REPAINT STRIPED CIRCULATION AREAS TO MATCH EXISTING.</li> <li>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 FOF ADDITIONAL INFORMATION.</li> <li>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.</li> <li>224 EXISTING FENCE TO REMAIN. N.I.C.</li> <li>225 PRESSURE WASH/CLEAN EXISTING CANOPY STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>228 PRESSURE WASH/CLEAN EXISTING EXTERIOR COLUMN 230 NEW ROLL-UP DOOR ASSEMBLY; PAINT TO MATCH EXISTING; REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.</li> <li>232 EXISTING DOOR AND FRAME TO BE PAINTED; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH. PAIN ALL SIDES AND EDGES OF DOOR/FRAME; REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION; TYP</li> <li>235 WASH/CLEAN EXISTING STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>236 WASH/CLEAN EXISTING STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>237 PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.</li> </ul>		KEYNOTES LEGEND
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<ul> <li>225 PRESSURE WASH/CLEAN EXISTING CANOPY STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>228 PRESSURE WASH/CLEAN EXISTING EXTERIOR COLUMN</li> <li>230 NEW ROLL-UP DOOR ASSEMBLY; PAINT TO MATCH EXISTING; REFER TO DOOR SCHEDULE FOR ADDITIONA INFORMATION.</li> <li>232 EXISTING DOOR AND FRAME TO BE PAINTED; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH. PAIN' ALL SIDES AND EDGES OF DOOR/FRAME; REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION; TYP</li> <li>235 WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WINDOW AND FRAME ASSEMBLY; TYP.</li> <li>248 PRESSURE WASH/CLEAN EXISTING STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>253 PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.</li> </ul>	221	EXTERIOR LOUVERS; CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW PAINT; LOUVER COLOR TO MATCH EXISTING; CONTRACTOR TO VERIFY QUANTITY OF
<ul> <li>STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>PRESSURE WASH/CLEAN EXISTING EXTERIOR COLUMN</li> <li>NEW ROLL-UP DOOR ASSEMBLY; PAINT TO MATCH EXISTING; REFER TO DOOR SCHEDULE FOR ADDITIONA INFORMATION.</li> <li>EXISTING DOOR AND FRAME TO BE PAINTED; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH. PAIN ALL SIDES AND EDGES OF DOOR/FRAME; REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION; TYP</li> <li>WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WINDOW AND FRAME ASSEMBLY; TYP.</li> <li>PRESSURE WASH/CLEAN EXISTING STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.</li> </ul>	224	EXISTING FENCE TO REMAIN. N.I.C.
<ul> <li>230 NEW ROLL-UP DOOR ASSEMBLY; PAINT TO MATCH EXISTING; REFER TO DOOR SCHEDULE FOR ADDITIONA INFORMATION.</li> <li>232 EXISTING DOOR AND FRAME TO BE PAINTED; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH. PAIN' ALL SIDES AND EDGES OF DOOR/FRAME; REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION; TYP</li> <li>235 WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WINDOW AND FRAME ASSEMBLY; TYP.</li> <li>248 PRESSURE WASH/CLEAN EXISTING STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>253 PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.</li> </ul>	225	
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<ul> <li>WINDOW AND FRAME ASSEMBLY; TYP.</li> <li>248 PRESSURE WASH/CLEAN EXISTING STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.</li> <li>253 PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.</li> </ul>	232	PREP AND PRIME AS REQUIRED FOR NEW FINISH. PAINT
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WITH USPS STANDARDS; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; TYP.	248	,
284 NEW SECTIONAL DOOR ASSEMBLY: PAINT TO MATCH	253	
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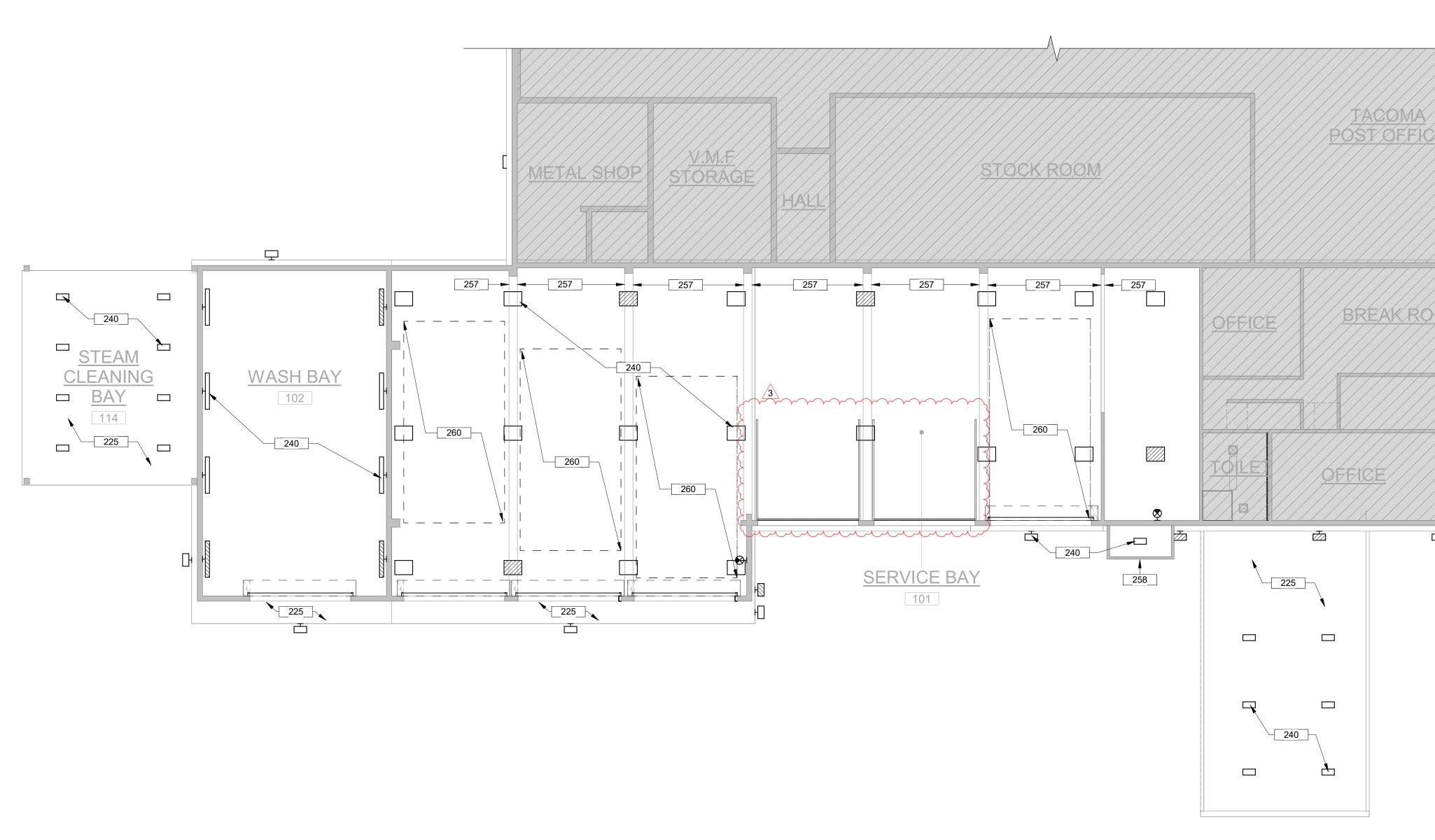
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0' 4' 8' 1/8" = 1'-0"

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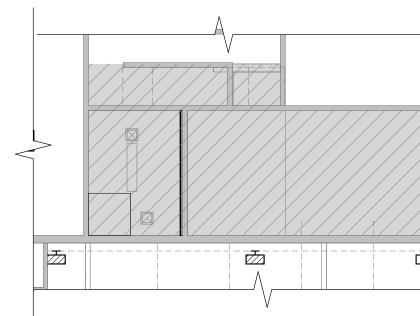






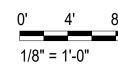
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1 OVERALL PROPOSED FIRST FLOOR REFLECTED CEILING PLAN A150 SCALE: 1/8" = 1'-0"



	GENERAL NO REFER TO G.002 FOR GENE
	KEYNOTES LEGEN         MARK       DESCRIPTI         225       PRESSURE WASH/CLEAN EXISTING PATCH/REPAIR SURFACE AS REQUIND VIPORMATION.         240       NEW LIGHT FIXTURE ASSEMBLYEL TYP. REFER TO ELECTRICAL DRAWN INFORMATION.         257       PAINT EXISTING BEAM UNTIL CELLIN PRIME AS REQUIRED FOR NEW FIN TYP.         258       PRESSURE WASH/CLEAN EXISTING 260         260       ALL UTILITIES, FIXTURES, MECHAN OBSTRUCTIONS WITHIN LIFT SERV RELOCATED ABOVE 16'-3' A.F.F.
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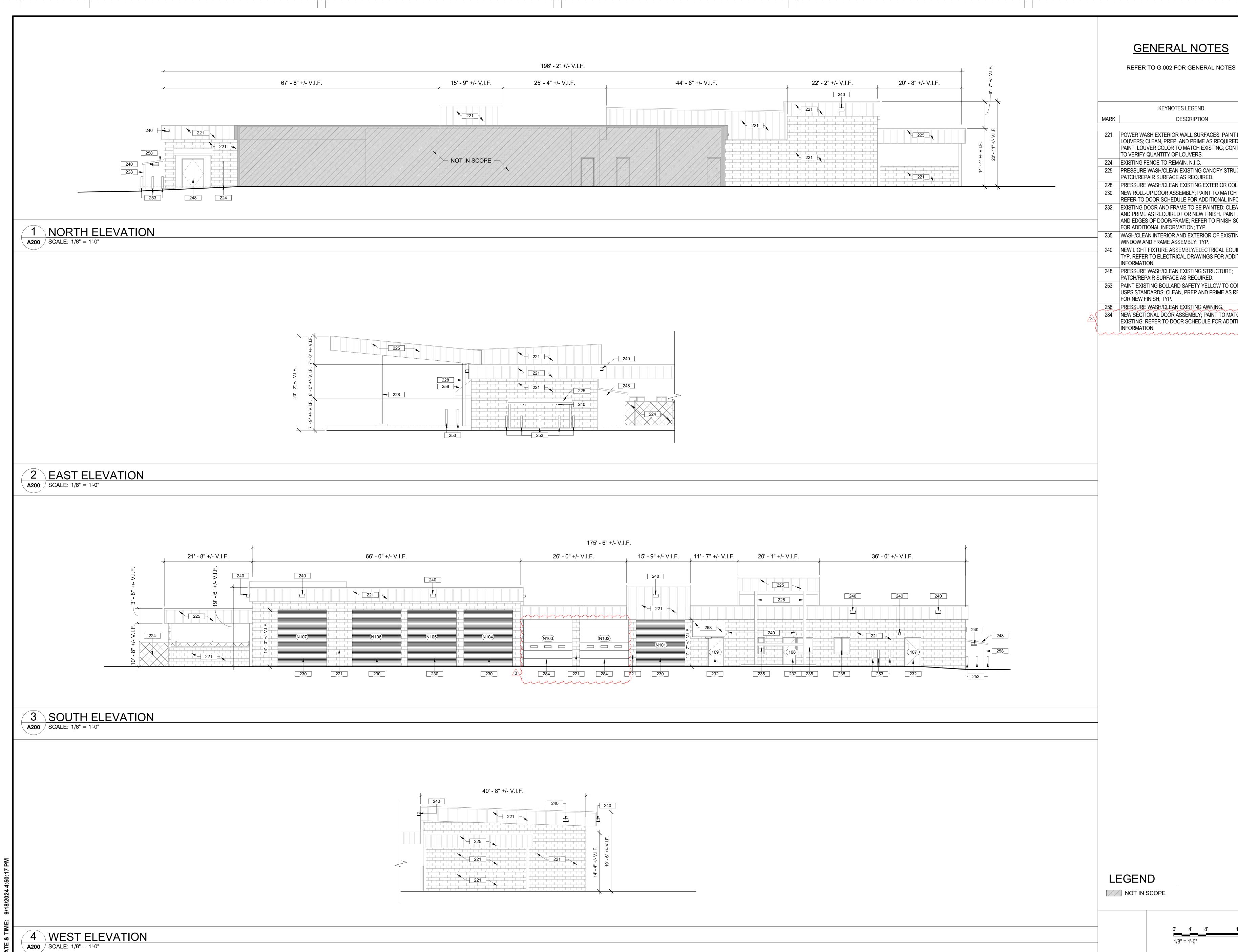


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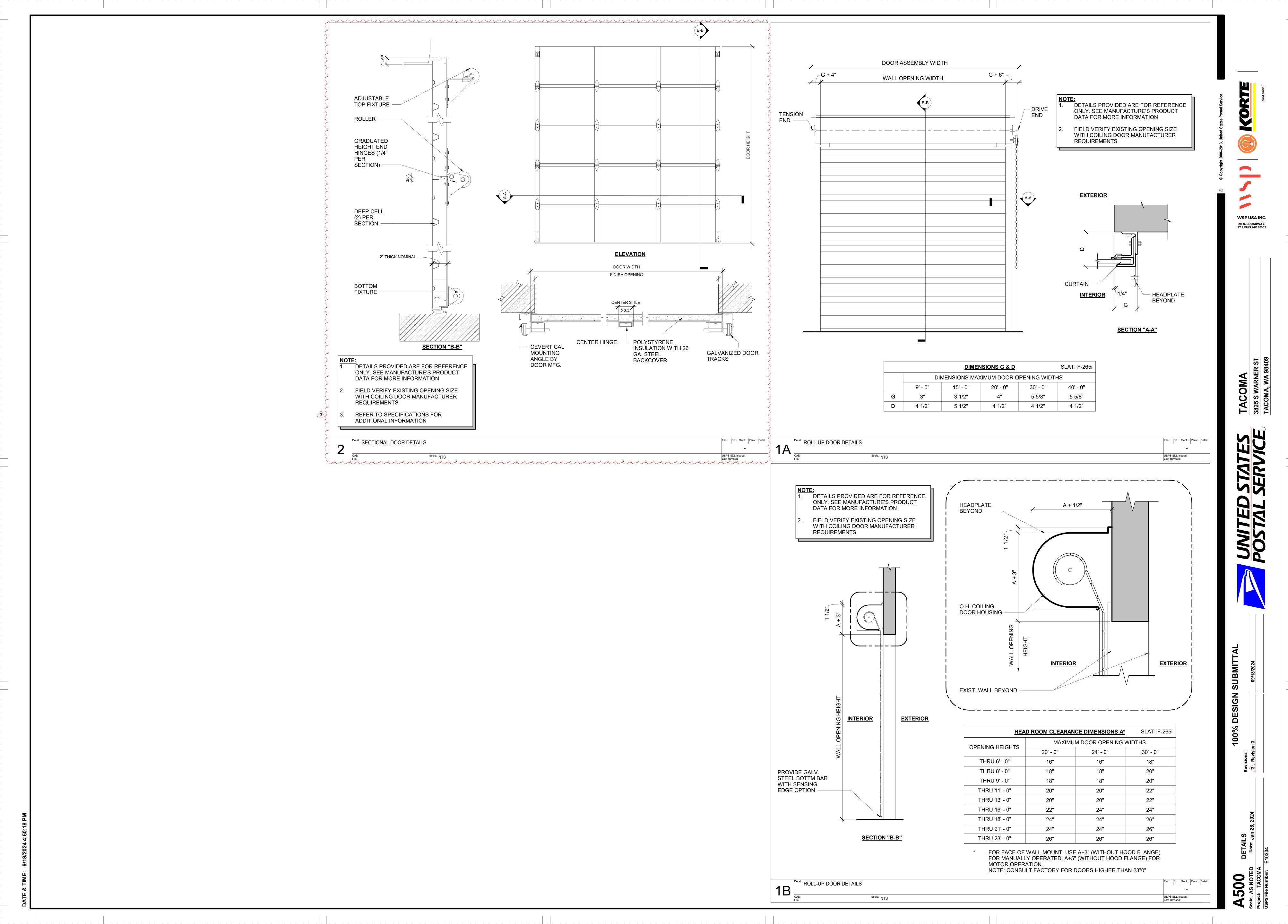
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	9' - 0"	15' - 0"	20' - 0"	30' - 0"	40' - 0"		
G	3"	3 1/2"	4"	5 5/8"	5 5/8"		
D	4 1/2"	5 1/2"	4 1/2"	4 1/2"	4 1/2"		

- 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**

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- 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 ᠃᠊ᠺᠷᡋ᠍ᢧ᠋ᡦᡋ᠊ᠯ᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆᠆
- 6. GENERAL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE RATED AT MINIMUM 60°C.

## <u>C. SITE WORK</u>

- 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 DIAGRAMMA
- 2. UNLESS OTHERWISE INDICATED, AL MINIMUM #12 AWG WIRE SIZE. CIRC SHALL BE MINIMUM #10 AWG WIRE
- THAN 300' SHALL BE MINIMUM #8 AW 3. UNLESS OTHERWISE INDICATED, AL 98% CONDUCTIVITY CONTINUOUS FROM OUTLET TO OUTLET.
- 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 A CABLE ARMOR OR SHEATH SHALL NOT BE USED AS THE ONLY EQUIPMENT GROUNDING CONDUCTOR
- 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 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 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 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.
- 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 4. IN INSTANCES WHERE A TRACK LIGHTING SYSTEM, DIMMING SYSTEM,
- SHALL COORDINATE ALL NECESSARY COMPONENTS OF SUCH 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 (16'-3".) COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE MINIMUM 16'-3" 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 16'-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 16'-3" 4. ANY NEW LIGHTING, CONTROLS, POWER, CONDUIT AND APPURTENANCES ROUTED AS PART OF THE PROJECT SHALL NOT
- INTERFERE WITH VEHICLE LIFT CLEARANCE AREA. . REFER TO A500 FOR LIFT CLEARANCE DETAIL. 6. THIS SCOPE OF WORK DOES NOT APPLY TO ALIGNMENT LIFTS.

## J. DEMO GENERAL NOTES

- 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 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 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.

TICALLY.
L CIRCUITS 100' OR LESS SHALL BE
UITS OVER 100' BUT LESS THAN 200'
SIZE. CIRCUITS OVER 200' BUT LESS
VG WIRE SIZE.
L CONDUCTORS SHALL BE COPPER,

4. UNLESS OTHERWISE INDICATED, CONDUCTOR SIZES #12 AWG AND #10

WHETHER OR NOT INDICATED ON THE DRAWINGS. METAL RACEWAY, OR

CONFIGURATION OF RECEPTACLES FOR EQUIPMENT FURNISHED BY THE

ON THE SAME CIRCUIT AS THE GFCI RECEPTACLE DO NOT DE-ENERGIZE

ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF

SWITCHES/DIMMERS UNDER A SINGLE COVER PLATE IN ALL AREAS THAT REQUIRE MORE THAN ONE SWITCH TO CONTROL ELECTRICAL DEVICES. AND/OR LIGHTING CONTROL SYSTEM IS SPECIFIED, THE CONTRACTOR SYSTEM(S) WITH THE MANUFACTURER PRIOR TO BID AND INCLUDE ALL

CLEARANCE ABOVE ALL NEW LIFTS, WHETHER LIFT(S) ARE PROVIDED

BACK TO THE POINT OF ORIGINATION. ENERGIZE ALL EXISTING DEVICES

ACCOMMODATE ALL NEW CONSTRUCTION, INCLUDING ARCHITECTURAL,

	E	ELECTRICAL ABBREVIATIONS
AFC		ABOVE FINISHED COUNTER
AFF		ABOVE FINISHED FLOOR
AHJ ATS		AUTHORITY HAVING JURISDICTION AUTOMATIC TRANSFER SWITCH
BFC		BELOW FINISHED CEILING
BOF C		BOTTOM OF FIXTURE CONDUIT
CB,C	/B OR	
CKT CKT	BKR	CIRCUIT
CCT	/	CLOSED CIRCUIT T.V.
CLG CR		
CUH		CRITICAL (EMERGENCY SYSTEM) CABINET HEATER
EC		ELECTRICAL CONTRACTOR ELECTRIC
E	;	EMERGENCY
EMS	-	
EVSE	=	ELECTRICAL VEHICLE SUPPLY EQUIPMENT
EP EWC		EXPLOSION PROOF ELECTRIC WATER COOLER
EVVC		EXISTING
F FA		FUSE FIRE ALARM
	P, FAP	FIRE ALARM CONTROL PANEL
FCU FIXT		FAN COIL UNIT
FLR		FIXTURE FLOOR
FLUC		
FTP, FTU	FISOR	FAN TERMINAL UNIT
FUT G, Gl		FUTURE GROUND (EQUIPMENT)
GEF		GENERAL EXHAUST FAN
GEN		
HP	, GFI	GROUND FAULT CIRCUIT INTERRUPTER HORSE POWER
	т	HIGH VOLTAGE HEAT TRACE
IC		INTERRUPTING CAPACITY
ICAN IG	D	INCANDESCENT ISOLATED GROUND
IGF		GROUND FAULT INDICATION ONLY
JB KEF		JUNCTION BOX KITCHEN EXHAUST FAN
LTG		LIGHTING
LTS LV		LIGHTS LOW VOLTAGE
MAT		MASTER ANTENNA
MCB MCC		MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER
MDP MH		MAIN DISTRIBUTION PANEL MANHOLE
MLO		MAIN LUGS ONLY
MTD MW		MOUNT OR MOUNTED MICROWAVE
Ν		NEW DEVICE
NC (r NEC	N.C.)	NORMALLY CLOSED NATIONAL ELECTRIC CODE
NEM	4	NATIONAL ELECTRICAL MANUFATURER ASSOCIATION
NF		NONFUSED
NIC NL		NOT IN CONTRACT NIGHT LIGHT
	N.O.)	NORMALLY OPEN
OH PB		OVERHEAD PULL BOX
PLGN	/ILD	PLUGMOLD
PNL PWR		PANEL POWER
R		RELOCATED DEVICE
RECE	· · /	RECEPTACLE(S)
REF		REFRIGERATOR
RF SEF		RETURN AIR FAN SMOKE EXHAUST FAN
SF		SUPPLY AIR FAN
SP (3		SPACE ONLY SPARE
ST (S SW	5.T.)	SHUNT TRIP SWITCH
TEL		TELEPHONE
TF TP		TRANSFER FAN TAMPER PROOF
ΤV		TELEVISION
TVSS	<b>b</b>	TRANSIENT VOLTAGE SURGE SUPPRESSION
UF		UNDERFLOOR
UG UH		UNDERGROUND UNIT HEATER
UNO	(U.N.O.)	UNLESS NOTED OR INDICATED OTHERWISE
U.N.K	K	UNKNOWN
V VFD		VOLTAGE VARIABLE FREQUENCY DRIVE
VP		VAPOR PROOF
VV W		VARIABLE VOLUME UNIT WIRE
W/		WITH
WG WP		WIRE GUARD WEATHER PROOF
WΤ	<b>`</b>	WATER TIGHT
XFMF +xx	۲	TRANSFORMER MOUNTING HEIGHT IN INCHES. AFF UNO.
UCR		UNDER CABINET REFRIGERATOR

	POWER SYMBOLS LEGEND	
	ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWING (MBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCA	
SYMBOL	DESCRIPTION	MNTG. HT.
OTMEOL		(U.N.O.)
$\Theta$	SINGLE RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	24" AFF
¢	DUPLEX RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	24" AFF
<b></b>	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT	24" AFF
₽		24" AFF
⇔ <sub>wp</sub>	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
<b>+</b>	QUADRUPLEX RECEPTACLE (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	24" AFF
<del>\$</del>	QUADRUPLEX RECEPTACLE ON EMERGENCY CIRCUIT (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	24" AFF
$\bigotimes$	SPECIAL PURPOSE RECEPTACLE (NEMA AS INDICATED)	24" AFF
۲	FLOOR MOUNTED RECEPTACLE IN FLOOR BOX OR POKE- THRU DEVICE - FLUSH MOUNTED, UNO	24" AFF
-\$-	CEILING MOUNTED RECEPTACLE - CONFIGURATION UNO	24" AFF
ΟЮ	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	24" AFF
() H)	MOTOR	AS REQ'D
₩D <sub>D/T</sub>	WALL MOUNTED JUNCTION BOX FOR DATA/TELEPHONE - SIZE & MOUNTING AS REQUIRED	FLOOR
	POWER POLE	CLNG
	PLUGMOLD	AS REQ'D
└ <u></u> X/Y/Z	DISCONNECT SWITCH (X=FRAME SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES)	≤ 6' - 0" AFF TO TOP
└ <u></u> \X/-/Z	DISCONNECT SWITCH NON-FUSED (X=FRAME SIZE, Z=NUMBER OF POLES)	≤ 6' - 0" AFF TO TOP
\$ <sub>M</sub>	MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD AND PILOT LIGHT	AS REQ'D
순	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	
<u> </u>	GROUND BAR	
ATS	AUTOMATIC TRANSFER SWITCH ANNUNCIATOR PANEL	AS REQ'D

	GENERAL NOT
DEVICE, A) 24" AF B) 42" AF C) 60" AF	ALL MOUNTING F UNLESS OTHERV F INDICATES TO F INDICATES TO F INDICATES TO F INDICATES TO
	CONFIRM ALL BA GS PRIOR TO ELE
<u>\</u> 2\ -	LEGEND NOTES
02/E100 - <u>02</u> E100	DENOTES: REFE E100
	DENOTES: REFE DRAWING (SHEE
	EQUIPMENT (ID) EQUIPMENT. RE BOOK / FF&E DC REQUIREMENTS

2018	WASHINGTON S
2018	WASHINGTON S
2009	ICC/ANSI A117.1 FACILITIES DESI
2018	INTERNATIONAL AMENDMENTS
2018	WASHINGTON S
2018	FUEL GAS CODE
2018	WASHINGTON S
2020	NATIONAL ELEC
2018	INTERNATIONAL
2005	USPS STANDAR
2023	USPS STANDAR
2009	USPS BUILDING

## ATIONS AND MOUNTING HEIGHTS

HEIGHTS REFER TO BOTTOM OF VISE INDICATED. BOTTOM OF DEVICE; CENTER OF DEVICE: BOTTOM OF DEVICE;

BOTTOM OF DEVICE; CKBOX SIZE WITH VENDOR SHOP

ECTRICAL ROUGH-IN.

: DENOTES "SEE LEGEND NOTE NO. 2"

ERENCE DETAIL 02 ON DRAWING (SHEET)

ERENCE ENLARGED DETAIL PLAN 02 ON ET) E100

NUMBER FOR OWNER PROVIDED FER TO OWNER'S EQUIPMENT DCUMENTS FOR DEFINITION AND

## CODES AND STANDARDS

TATE BUILDING CODE

STATE EXISTING BUILDING CODE

ACCESSIBLE AND USABLE BUILDINGS AND IGN STANDARD

. ENERGY CONSERVATION CODE (IECC) WITH STATE

TATE MECHANICAL CODE

E OF WASHINGTON

STATE PLUMBING CODE

CTRIC CODE (NEC / NFPA 70)

L FIRE CODE (IFC)

RDS FOR FACILITY ACCESSIBILITY (RE-4)

RDS DESIGN CRITERIA

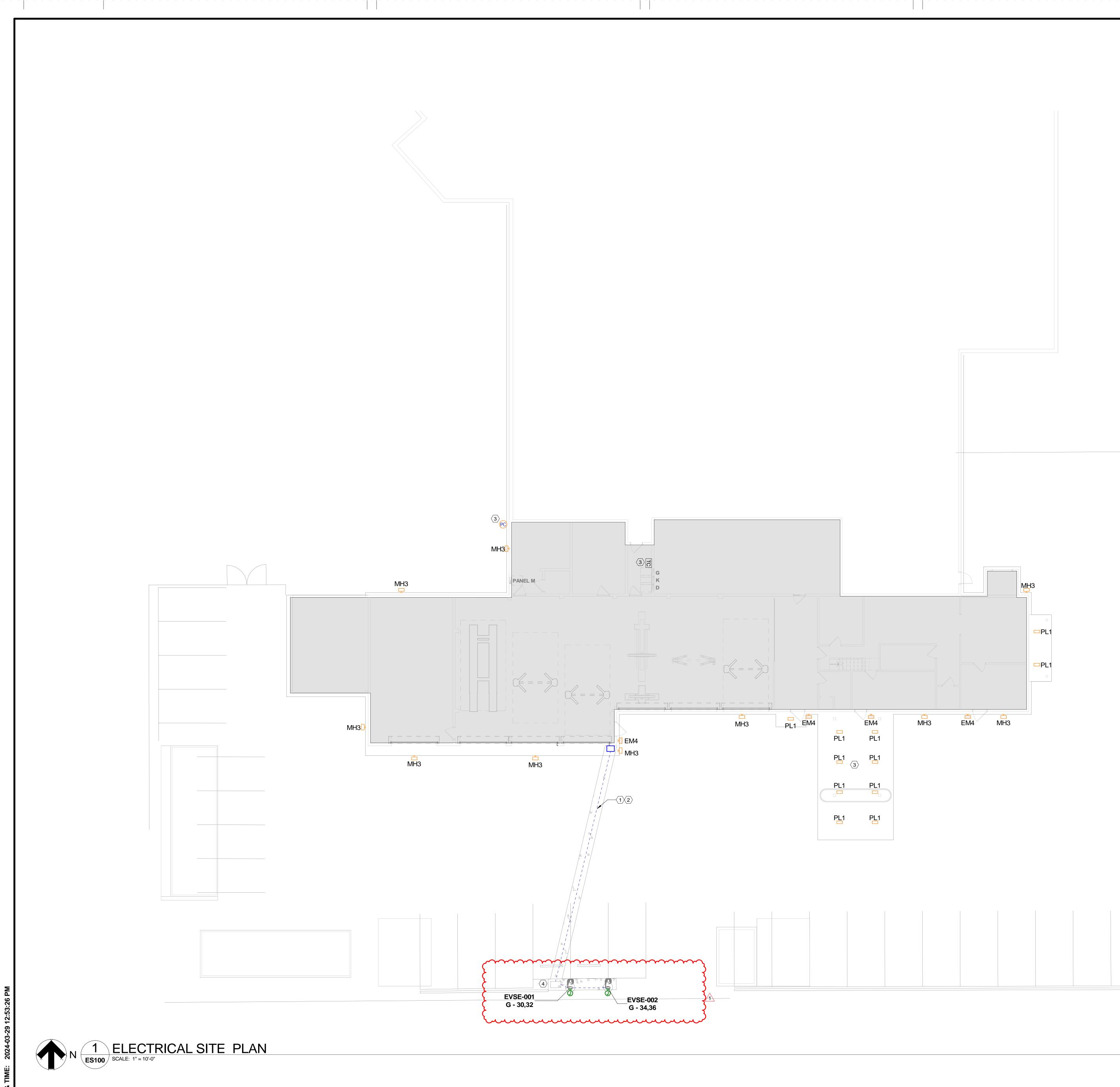
AND SITE SECURITY REQUIREMENTS HANDBOOK RE-5

LIGHTING SYMBOLS LEGEND													
S	YMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCA	LE. MNTG. HT.											
SYMBOL	DESCRIPTION	(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)												
0 🗆	RECESSED/SURFACE DOWNLIGHT FIXTURE												
ØØ	RECESSED/SURFACE DOWNLIGHT FIXTURE (EMERGENCY)	NOTE 3											
오 모	WALL MOUNTED FIXTURE	NOTE 2											
Ø₽	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											
2////////	HANGING RECTANGULAR PENDANT FIXTURE	NOTE 4											
		NOTE 4											
	HANGING CIRCULAR PENDANT FIXTURE												
	HANGING CIRCULAR PENDANT FIXTURE (EMERGENCY)	NOTE 4											
	EMERGENCY LIGHTING UNIT. WALL MOUNTED BATTERY- POWERED LIGHTING. CONNECT TO NORMAL CIRCUIT IN AREA SERVED												
⊗ ō <u>ē</u>	CEILING MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	NOTE 2											
፼ t፼ t <b>፼</b> t	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.												
모	WALL PACK LIGHT FIXTURE												
	WALL PACK LIGHT FIXTURE (EMERGENCY)	NOTE 2											
⊶≭	EXTERIOR LIGHT POLE FIXTURE ON NORMAL CIRCUIT.	NOTE 2											
1	SPOT/FLOOD LIGHT FIXTURE.												
\$	WALL SWITCH SPST, 20A, 120/277V	NOTE 5											
\$ <sub>D</sub>	WALL DIMMER SWITCH	NOTE 5											
\$к	KEY OPERATED WALL SWITCH	NOTE 5											
\$ <sub>LV</sub>	LOW VOLTAGE WALL SWITCH	NOTE 5											
\$ <sub>P</sub>	WALL SWITCH WITH PILOT LIGHT	NOTE 5											
1. ALL S SHOW2. REFE3. REFE4. REFEFOR M FIXTU5. REFE	<ul> <li>\$T WALL SWITCH WITH ADJUSTABLE COUNTDOWN TIMER NOTE 5</li> <li>LIGHTING NOTES:         <ol> <li>ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.</li> <li>REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.</li> <li>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.</li> <li>REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR MOUNTING HEIGHTS OF PENDANT FIXTURES. REFER TO LIGHTING FIXTURE SCHEDULE FOR PENDANT MATERIAL.</li> <li>REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL MOUNTING HEIGHTS. WHERE MOUNTING HEIGHT IS NOT INDICATED BY ARCHITECT, PROVIDE AT</li> </ol> </li></ul>												
	OCCUPANCY SENSOR/CONTROLS SYMBOLS LEGEND												
	ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWING YMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCA												
SYMBOL	DESCRIPTION	MNTG. HT. (U.N.O.)											
OS     OCCUPANCY SENSOR, DUAL TECHNOLOGY													
VS <sup>DT</sup> VACANCY SENSOR, DUAL TECHNOLOGY													
\$0     WALL SWITCH OCCUPANCY SENSOR CONTROL													
\$ <sub>от</sub>	WALL TIMER SWITCH OCCUPANCY SENSOR CONTROL	NOTE 1											
\$v	WALL SWITCH VACANCY SENSOR CONTROL	NOTE 1											
1. REFEF	NCY SENSOR/CONTROLS NOTES: R TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING L DEVICES.	HEIGHTS											

	OCCUPANCY SENSOR/CONTROLS SYMBOLS LEGEND	
S	ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWIN YMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO S	
SYMBOL	DESCRIPTION	MN (U
(OS)	OCCUPANCY SENSOR, DUAL TECHNOLOGY	CI
(OS) US	OCCUPANCY SENSOR, ULTRASONIC	CI
(VS) <sup>DT</sup>	VACANCY SENSOR, DUAL TECHNOLOGY	CI
\$ <sub>0</sub>	WALL SWITCH OCCUPANCY SENSOR CONTROL	NC
\$ <sub>от</sub>	WALL TIMER SWITCH OCCUPANCY SENSOR CONTROL	NC
\$v	WALL SWITCH VACANCY SENSOR CONTROL	NC

SHEET INDEX											
Sheet Number	Sheet Name										
E001	ELECTRICAL GENERAL INFORMATION										
ES100	ELECTRICAL SITE PLAN										
ED100	ELECTRICAL DEMOLITION PLAN										
E100	<b>ELECTRICAL POWER &amp; LIGHTING PLANS</b>										
E400	ELECTRICAL ONE-LINE DIAGRAM										
E401	ELECTRICAL SCHEDULES										
E500	ELECTRICAL DETAILS										
E501	ELECTRICAL DETAILS										





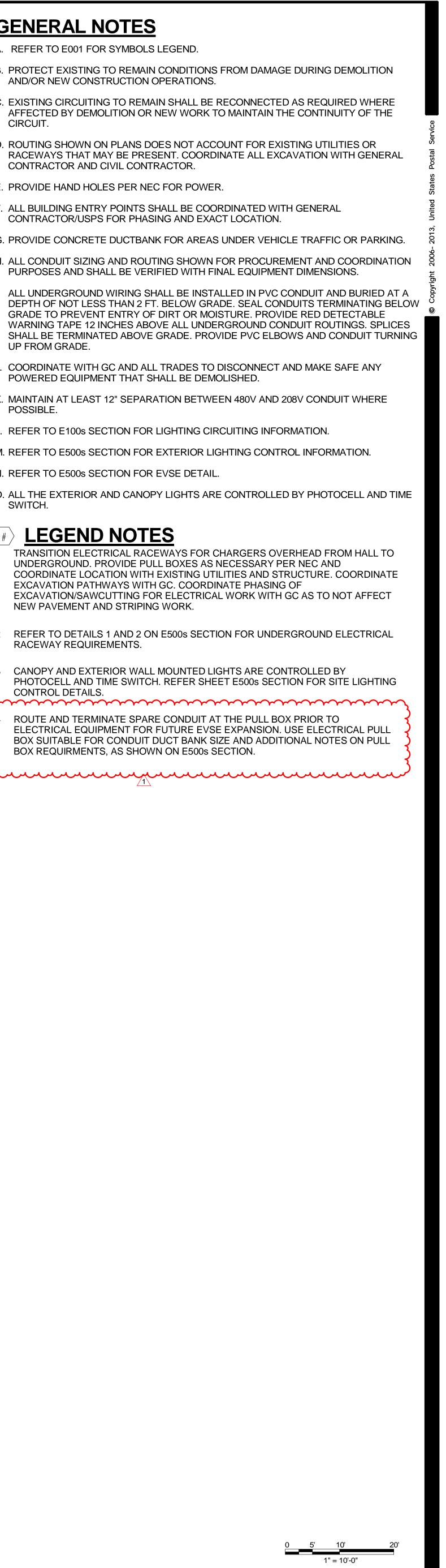
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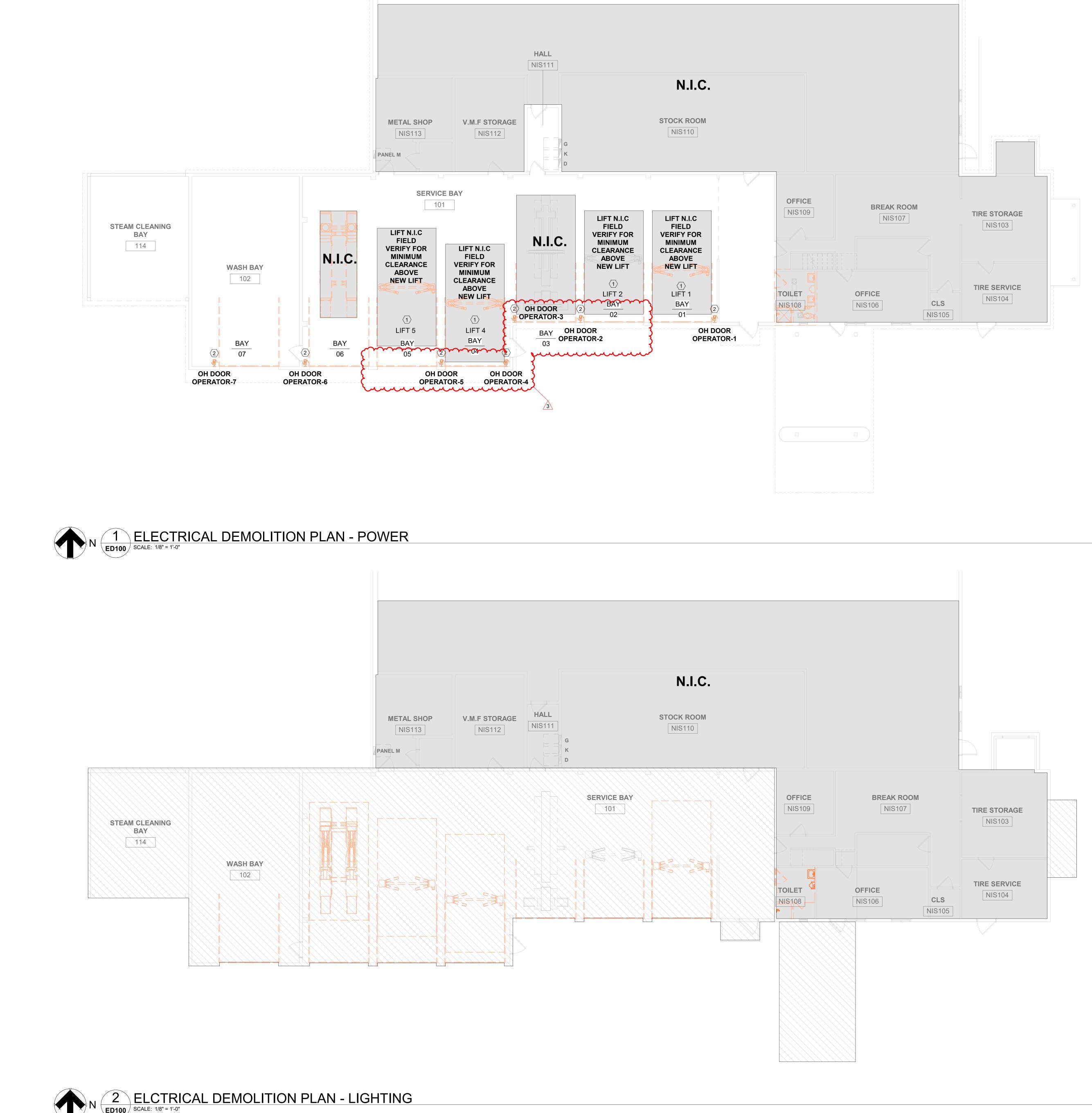
- A. REFER TO E001 FOR SYMBOLS LEGEND.
- B. PROTECT EXISTING TO REMAIN CONDITIONS FROM DAMAGE DURING DEMOLITION AND/OR NEW CONSTRUCTION OPERATIONS.
- C. EXISTING CIRCUITING TO REMAIN SHALL BE RECONNECTED AS REQUIRED WHERE AFFECTED BY DEMOLITION OR NEW WORK TO MAINTAIN THE CONTINUITY OF THE CIRCUIT.
- 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
- 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 E100s SECTION FOR LIGHTING CIRCUITING INFORMATION.
- M. REFER TO E500s SECTION FOR EXTERIOR LIGHTING CONTROL INFORMATION.
- N. REFER TO E500s SECTION FOR EVSE DETAIL.
- O. ALL THE EXTERIOR AND CANOPY LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH.

## **LEGEND NOTES**

- 1 TRANSITION ELECTRICAL RACEWAYS FOR CHARGERS OVERHEAD FROM HALL 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.
- 2 REFER TO DETAILS 1 AND 2 ON E500s SECTION FOR UNDERGROUND ELECTRICAL RACEWAY REQUIREMENTS.
- 3 CANOPY AND EXTERIOR WALL MOUNTED LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH. REFER SHEET E500s SECTION FOR SITE LIGHTING CONTROL DETAILS.
- ROUTE AND TERMINATE SPARE CONDUIT AT THE PULL BOX PRIOR TO ELECTRICAL EQUIPMENT FOR FUTURE EVSE EXPANSION. USE ELECTRICAL PULL BOX SUITABLE FOR CONDUIT DUCT BANK SIZE AND ADDITIONAL NOTES ON PULL BOX REQUIRMENTS, AS SHOWN ON E500s SECTION.







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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

- 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 16'-3" A.F.F. MINIMUM. FIELD VERIFY EXTENT OF WORK (CONDUITS, ETC.) THAT SHALL BE MODIFIED TO ACCOMMODATE MIN CLEARANCE HEIGHT DURING PREPROPOSAL MEETING. <u>/2</u>
- DISCONNECT, DEMO EXISTING OVERHEAD DOOR CONNECTIONS AND ASSOCIATED CONDUITS. CONNECT NEW OVERHEAD DOOR TO EXISTING PANEL AND CIRCUIT BREAKERS SAVED FROM DEMOLITION. EC HAS TO FIELD VERIFY THAT THE EXISTING CIRCUIT BREAKER ARE PROPER WORKING CONDITION, IF NOT REPLACE WITH NEW CIRCUIT BREAKER.

## **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.





## **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 E500s SECTION 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

- 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 16'-3" A.F.F. MINIMUM. FIELD VERIFY EXTENT OF WORK (CONDUITS, ETC.) THAT SHALL BE MODIFIED TO
- PREPROPOSAL MEETING. 2 CANOPY AND EXTERIOR WALL MOUNTED LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH. REFER TO E500s SECTION FOR SITE LIGHTING CONTROL
- 3 PROVIDE NEMA 6P ENCLOSURES FOR LIGHTING CONTROL DEVICES IN WASH BAY.

DETAILS.

- 4 TIME SWITCH FOR HIGH OUTPUT PROGRAMMED FOR MAXIMUM OF 4 HRS. REFER TO LIGHTING CONTROL SCHEDULE ON E500s SECTION FOR MORE INFORMATION.
- 5 DISCONNECT, DEMO EXISTING DOOR OPERATOR AND MOTOR UNITS. INSTALL NEW DOOR OPERATOR AND MOTOR UNITS IN SAME LOCATIONS AS EXISTING UNITS AND CONNECT TO EXISTING PANEL AND CIRCUITBREAKERS. REFER TO SHEET E500s SECTION FOR MOTOR DETAILS.
- CIRCUIT NEW BATTERY-BACKED EMERGENCY LIGHT FIXTURE TO EXISTING INTERIOR LIGHTING CIRCUIT. PROVIDE UNSWICTHED HOT CONDUCTOR TO SENSENORMAL POWER LOSS.

ACCOMMODATE MIN. CLEARANCE HEIGHT DURING



	COPPER WIRE & CONDUIT SCHEDULE														
TAG AMPACITY			PHASE	N	EUTRAL		GROUND	CONDUIT							
		NO. WIRES	SIZE (AWG OR KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	QTY.	SIZE						
100	100	3	#3	-	-	1	#8	1	1 1/4"						
100/2	100	2	#1	-	-	1	#6	1	1 1/4"						
100N	100	3	#3	1	#3	1	#8	1	1 1/4"						
NOTES			THWN/THWN-2 C		RS AND PVC/EMT		SIZES IN NEC T								

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2. AMPACITY BASED ON 60°C RATING. 2 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.

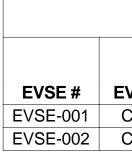
ELECTRICAL LO (984- TACO	
UTILITY PROVIDER	TACOMA POWER
UTILITY CONTACT	Jordan Whitely Jwhiteley@cityoftacoma.org 253-244-8057
VMF FED BY MAIN BUILDING	YES
EXISTING MAIN BUILDING TRANSFORMER SIZE (IF APPLICABLE)	225kVA
VMF DISTRIBUTION VOLTAGE	208/120 V
EXISTING VMF TRANSFORMER SIZE	N/A
EXISTING VMF DISTRIBUTION SIZE (MCB)	1200 A
VMF BUILDING CAPACITY (80% OF MCB)	960 A
MAX KW AVAILABLE	225 KW
EXISTING PEAK LOAD MONTH	85 KW
NEC EXISTING LOAD FACTOR OF 25% PEAK	21.25 KW
REMAINING CAPACITY	118.75 KW
ADDED CHARGER LOAD	(2) CHARGERS AT 16,640 W EACH =33.3KW (208V 1Ø)
UTILITY UPGRADE NEEDED	NO
FEEDER FROM MAIN BUILDING UPGRADE NEEDED (IF APPLICABLE)	NO
NOTES	PEAK CONSUMPTION INFORMATION OBTAINED FROM BILLS
NOTES: SCOPE OF WORK IS RENOVATION NEW/ADDED LOADS ARE SHOWN ON PA	

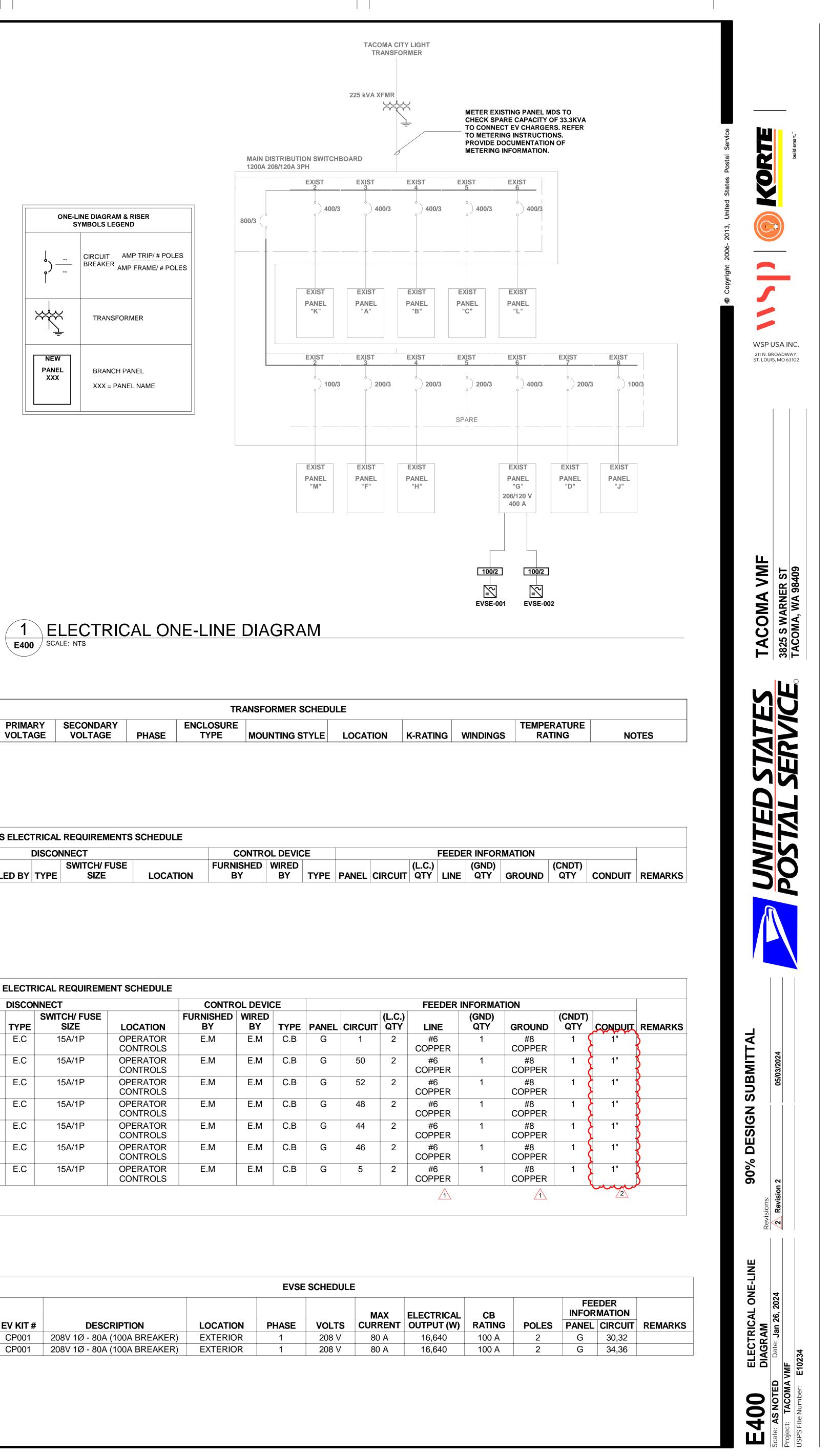
					TR	ANSFORMER SCHEDU	JLE				
IDENTIFICATION	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	ENCLOSURE TYPE	MOUNTING STYLE	LOCATION	K-RATING	WINDINGS	TEMPERATURE RATING	1

	LIFTS ELECTRICAL REQUIREMENTS SCHEDULE																						
									DISCONNECT						OL DEVIC	CE							
								ENCLOSURE	FURNISHED			SWITCH/ FUSE		FURNISHED	WIRED			(L.C.)		(GND)		(CNDT)	
NAME	DESCRIPTION	LOCATION	HP	VOLTAGE	PHASE	MCA	MOCP	TYPE	BY	<b>INSTALLED BY</b>	TYPE	SIZE	LOCATION	BY	BY	TYPE	E PANEL CIRCUIT	QTY	LINE	QTY	GROUND	QTY	CONDUIT
			•	•																•			

							l.				DISCO	NNECT		CONTR	OL DEVI	CE	FEEDER INFORMATION							
NAME	DESCRIPTION	LOCATION	HP	VOLTAGE	PHASI	E MCA	MOCP	ENCLOSURE TYPE	FURNISHED BY	INSTALLED BY	TYPE	SWITCH/ FUSE SIZE	LOCATION	FURNISHED BY	WIRED BY		PANEL	CIRCUIT	(L.C.) QTY	LINE	(GND) QTY	GROUND	(CNDT) QTY	) CONDUI
OH DOOR OPERATOR-1	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 1	E.C	E.C	E.C	15A/1P	OPERATOR CONTROLS	E.M	E.M	C.B	G	1	2	#6 COPPER	1	#8 COPPER	1	1"
OH DOOR OPERATOR-2	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 1	E.C	E.C	E.C	15A/1P	OPERATOR CONTROLS	E.M	E.M	C.B	G	50	2	#6 COPPER	1	#8 COPPER	1	1"
OH DOOR OPERATOR-3	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 1	E.C	E.C	E.C	15A/1P	OPERATOR CONTROLS	E.M	E.M	C.B	G	52	2	#6 COPPER	1	#8 COPPER	1	1"
OH DOOR OPERATOR-4	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 1	E.C	E.C	E.C	15A/1P	OPERATOR CONTROLS	E.M	E.M	C.B	G	48	2	#6 COPPER	1	#8 COPPER	1	1"
OH DOOR OPERATOR-5	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 1	E.C	E.C	E.C	15A/1P	OPERATOR CONTROLS	E.M	E.M	C.B	G	44	2	#6 COPPER	1	#8 COPPER	1	1"
OH DOOR OPERATOR-6	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 1	E.C	E.C	E.C	15A/1P	OPERATOR CONTROLS	E.M	E.M	C.B	G	46	2	#6 COPPER	1	#8 COPPER	1	1"
OH DOOR OPERATOR-7	MODEL RHX	WASH BAY	0.5	120 V	1	4 A	15 A	NEMA 4	E.C	E.C	E.C	15A/1P	OPERATOR CONTROLS	E.M	E.M	C.B	G	5	2	#6 COPPER	1	#8 COPPER	1	1"
NOTES :	TING CB HAS RATING F						`B	-	1	1				1	1	1	1	1	1				I	2

1. IF EXISTING CB HAS RATING EQUAL TO OR GREATER THAN 15A, USE EXISTING CB





## OVERHEAD DOOR ELECTRICAL REQUIREMENT SCHEDULE

			EVSE	SCHEDULI	E					
					MAX	ELECTRICAL	СВ			eder Mation
EV KIT #	DESCRIPTION	LOCATION	PHASE	VOLTS	CURRENT	OUTPUT (W)	RATING	POLES	PANEL	CIRCUI
CP001	208V 1Ø - 80A (100A BREAKER)	EXTERIOR	1	208 V	80 A	16,640	100 A	2	G	30,32
CP001	208V 1Ø - 80A (100A BREAKER)	EXTERIOR	1	208 V	80 A	16,640	100 A	2	G	34,36
4			•	•		• ·				

			LIGHTING FIXTURE SC	HEDULE					
TYPE	COUNT	DESCRIPTION	MOUNTING	COLOR TEMP.	LUMENS	VA	VOLTAGE	MANUFACTURER	CATALOG NUMBER
B4	5	4' WALL MOUNTED LED LIGHT WITH GASKET, POLYSTER POWDER COATED, FLAT POLY CLEAR DIFFUSER, MEDIUM DISTRIBUTION, RMBK WALL MOUNTED KIT, WET LOCATION, NEMA 4X RATED, WHITE FINISH.	WALL-12' AFF	4,000K	17933	122	120 V	LITHONIA	FEX L48 18000LM FPCL MD MVOLT GZ10 40K 80CRI RMBK NLTAIR RSBG10 DWHXD CI
B4E	3	4' WALL MOUNTED LED LIGHT WITH GASKET, POLYSTER POWDER COATED, FLAT POLY CLEAR DIFFUSER, MEDIUM DISTRIBUTION, RMBK WALL MOUNTED KIT, WET LOCATION, NEMA 4X RATED, WHITE FINISH. PROVIDE WITH BATTERY PACK	WALL-12' AFF	4,000K	17933	122	120 V	LITHONIA	FEX L48 18000LM FPCL MD MVOLT GZ10 40K 80CRI RMBK NLTAIR RSBG10 DWHXD CI E10WLCP
EM4	4	WALL MOUNTED EMERGENCY EXIT DISCHARGE LIGHT, SELF DIAGNOSTIC LITHIUM IRON PHOSPHATE BATTERY, FIELD CONFIGURABLE THROW OPTICS.	WALL-8' AFF	-	-	12	120 V	LITHONIA	AFF OEL DDBTXD UVOLT LTP SDRT FCT CW
MH3	10	WALL MOUNTED LED LIGHT, TYPE 4 DISTRIBUTION, WHITE FINISH, IP 65 RATED, WET LOCATION LISTED.	WALL-15' AFF	4,000K	3053	29	120 V	LITHONIA	MRWLED P2 40K SR4 MVOLT PIR DDBXD
PL1	20	EXTERIOR SURFACE MOUNTED LED CANOPY LIGHTS, DIE CAST ALUMINUM HOUSING, TYPE 5 MEDIUM DISTRIBUTION, IP66 RATED, WET LOCATION LISTED.	SURFACE - 14' 8" AFF	4,000K	11564	107	120 V	LITHONIA	DSXSC LED 30C 1000 40K T5M MVOLT SRM DWHXD
W3	16	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.	CABLE - 18' AFF	4,000K	148690	97	120 V	LITHONIA	XIB L24 15000LM ATWD MVOLT GZ10 40K 80CRI NLTAIR2 RMSOD45 DHWXD
W3E	4	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	148690	97	120 V	LITHONIA	XIB L24 15000LM ATWD MVOLT GZ10 40K 80CRI NLTAIR2 RMSOD45 DHWXD E15WMC
X1	2	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	120 V	LITHONIA	LQM S W 3 R 120/277 ELN SD
	EC TO PRO	FIXTURE SCHEDULE IS BASIS OF DESIGN AND SUBSTITUTIONS BASED ON SPECIFICATIONS SECTION 26 51 00 IS ACCEPTABLE, HOWEVER, ANY SUBSTITUTIONS MOUNTING HARDWARE FOR WALL/CEILING/PENDENT MOUNT. VIDE MOUNTING HARDWARE FOR WALL/CEILING/PENDENT MOUNT. VITH LUMINAIRE MOUNTED OCCUPANCY SENSORS AS PER SCHEDULE.	TES CHOSEN SHALL MEET	CONSTRUCTION DE	ADLINE. CONTR	ACTOR SHA	ALL REFER TO SPEC	CIFICATIONS FOR ADDITION	IAL REQUIREMENTS.

### LIGHTING CONTROL DEVICE SCHEDULE DESCRIPTION MANUFACTURER COUNT NOTES MODEL PHOTOCELL K4141C OR 2002 INTERMATIC OR TORK 1 TIME CLOCK INTERMATIC OR TORK ET70000 OR ELC 1 SERIES nLIGHT ACUITY nPOD MA 2L TIME SWITCH 4 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

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		NORMAL BUSINESS HOURS		AFTER BUSINE		
TAG	SPACE TYPE	LIGHTING	RECEPTACLES	LIGHTING		
01	VEHICLE SERVICE BAY	OCCUPANCY SENSOR ACTIVATES TO 50%. OFF AFTER 20 MINUTES OF INACTIVITY	N/A	NO CHANGE		
03	WASH BAY	OCCUPANCY SENSOR ACTIVATES TO 50%. OFF AFTER 20 MINUTES OF INACTIVITY	N/A	NO CHANGE		
04	EXTERIOR LIGHTING	CONTROLLED VIA PHOTOCELL ONLY	N/A	FOR THE TIME BETWEEN 1 HOUR AFT HOURS AND 1 HOUR PRIOR TO BUSIN CONTROLLED BY PHOTOCELL AND OC SENSOR		
05	EXTERIOR CANOPY	CONTROLLED VIA PHOTOCELL ONLY	N/A	FOR THE TIME BETWEEN 1 HOUR AFT HOURS AND 1 HOUR PRIOR TO BUSIN CONTROLLED BY PHOTOCELL AND OC SENSOR		
NOTE						
1.		TIME SCHEDULES MUST BE VERIFIED WITH OWNER P		-		
2.		ITY AND COVERAGE PATTERN OF OCCUPANCY/VACAN SHALL BE VERIFIED BY SELECTED MANUFACTURER F				
3.	PROVIDE NUMBE	R OF RELAYS/POWER PACKS TO CONTROL ALL LIGHT	ING ZONES AND C	CIRCUITS SHOWN ON PLANS.		
4.	PROVIDE UNSWI	TCHED HOT CONDUCTOR TO FIXTURES WITH INTEGR/	AL BATTERY PACK	S TO SENSE POWER LOSS.		
F						

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.

## LIGHTING CONTROL REQUIREMENTS AND SEQUENCE OF OPERATIONS

SS HOURS		CONTROL	OCCUPANCY	SENSOR		MANUAL OV	ERRIDE	EMERGE	
	RECEPTACLES	SYSTEM TYPE	TYPE / LOCATION	SETPOINT	PHOTOCELL CONTROL	DEVICE	DURATION	FIXTUR CONTRO	
	N/A	STANDALONE	DUAL-TECH / INTEGRAL	AUTO ON TO 50% / OFF IN 20 MIN	N/A	TIMER SWITCH - HIGH OUTPUT	4 HRS	NO	
	N/A	STANDALONE	DUAL-TECH / INTEGRAL	AUTO ON TO 50% / OFF IN 20 MIN	N/A	TIMER SWITCH - HIGH OUTPUT	4 HRS	NO	
TER BUSINESS NESS HOURS; ICCUPANCY	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	
TER BUSINESS NESS HOURS; ICCUPANCY	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	

TO COVER ENTIRE ROOM/SPACE CONTROLLED. QUANTITY AND LOCATION OF SENSORS INDICATED ON DRAWINGS IS FOR COORDINATION AND PRICING

E	XISTING: G LOCATION: HALL NIS MAIN BUS: 400 A MCB: N/A VOLTAGE: 120/208 V					N ENCLO: BUS MOUN	FROM: VIRES: 4 SURE: N TYPE: JTING: R LUGS: N	IEMA 1				NEUTRAL B GROUND B AIC AVAILAE AIC RATI	BUS: YES BLE:	
CKT NO.	DESCRIPTION	TRIP	POLES	~~~	A		В		с	POLES	TRIP	DESC	RIPTION	
1	OH DOOR OPERATOR -1	15	1	466	974					1	20	WASH BAY L	GHTS	
3	STEAM CLE BAY LIGHTS	20	1			856	0	$\sim$		1	20	SPARE		
5	OH DOOR OPERATOR -7	15	<u>} 1</u>					466	0	1	20	LIGHTS		
7	LIGHTS	1 20	1	0	0					1	20	LIGHTS		
9	LIGHTS	20	1			0	0			1	20	LIGHTS		
11	LIGHTS	20	1		0			0	0	1	20	LIGHTS		
13 15	FUEL CANOPY		1		0	0	0			1	20 20	LIGHTS LIGHTS		
15	NOTE 1	20	2			0	0	0	0	1	20	NOTE 1		
19	NOTE 1	20	1	0	0			0	0	1	20	NOTE 1		
21	WASHER CONTROL	20	1	0	0	0	0			1	20	NOTE 1		
23	RECEPTACLES	20	1			Ŭ		0	0	1	20	NOTE 1		
25				0	1467				-	1	20	EXTR & CANO	<b>DPY LIGHT</b>	6
27	TRASH COMPACTOR	20	3			0	1965			1	20	SERVICE BAY		
29								0	8320	2	100	EVSE-001		
31				0	8320					2	100	EV3E-001		
33	PUMP "PB-1"	20	3			0	8320			2	100	EVSE-002		
35								0	8320	-	100			
37	10.44			0	0	-				_				
39	AC-11	30	3			0	0	0	0	3	20	HP-3		
41 43				0	466			0	0	1	15	OH DOOR OP		
43	AC-11	110	3	0	John Mark	0	466	<u> </u>		1	15	OH DOOR OP		
47			5			0	1	0	466			OH DOOR OP		
49				0	466					1	15	OH DOOR OP		
51	AC-6	25	3		Cir.	0	466	1	1	1	15	OH DOOR OP		
53							$\overline{\mathbf{u}}$	0		1	L'	SPACE		
		OTAL LO			59 VA	12,0	73 VA	17,	572 VA					
$\sim$	TOTALC	URRENT	(AMPS)	101	LAA~	100	).6 A		16.5 A		$\sim$	$\sim$	$\sim$	$\sim$
	LOAD CLASSIFICATION	AD	DED LO	AD (VA)	A		ESTIMAT AND (VA)				F	PANEL TOTALS	6	
	LGHT		5,263	3		5	5,263						kVA	AM
	EV CHARGER		33,28				3,280		E	XISTING	CONNE	CTED LOAD:	TBD	ТЕ
	OH DOOR		3,262				3,379					CTED LOAD:	TBD	TE
<b></b>			5,202	<u> </u>		J	,,,,,,,		INL			DDED LOAD:	41.8	11
														-
1	<del>manna</del>	hun	n n	<u>~~</u>	n n	<u>~~</u>	n n	ىر بىر				ED DEMAND:	41.9	
NC	DTES: 1. LOAD AND CB SIZE UI	NKNOWN	, EC TO	VERIFY										











	1/4" HIGH LETTERS (TYP)
	EVSE-XXX/CK-X
	6' - 3"
	PANEL DIRECTORY 1/4" HIGH LETTERS (TYP)
	EVSE-XXX 208VOLTS/1PH/80A
	FEED:
	LEV-X/EVSE-XXX/CKT-XX
	100A BKR
	6' - 11"
	CHARGING UNIT
	NOTES: 1. PROVIDE SELE ADHESIVE LAMOCOID NAMERI ATE ENGRAVED WITH WHITE LETTERS
	1. PROVIDE SELF ADHESIVE LAMOCOID NAMEPLATE ENGRAVED WITH WHITE LETTERS. CLEAN SURFACES BEFORE APPLICATION.
	2. REFER TO USPS SPECIFICATIONS 260500 COMMON WORK RESULTS FOR ELECTRICAL SPECIFICATIONS.
	3. DO NOT COVER CIRCUIT NUMBER FACTORY STAMPED INTO PANEL COVER.
	4. PANEL DIRECTORIES SHALL BE TYPED, LAMINATED, WEATHER RESISTANT AND PLACED ON INSIDE COVER OF EACH PANELBOARD
( <b>7</b> ) F	VSE LABELING REQUIREMENTS
	ALE: NTS
	1/4" HIGH LETTERS (TYP)
	EQUIPMENT DESIGNATION
	SYSTEM VOLTAGE
	FED FROM PANEL 'X'
	6' - 11"
	1. PROVIDE LAMOCOID NAMEPLATE ENGRAVED WITH WHITE LETTERS.
	2. NAMEPLATE SHALL BE THE FOLLOWING COLORS: GREEN - NORMAL POWER ON 480/277 VOLT SYSTEM
	BLACK - NORMAL POWER ON 208/120 VOLT SYSTEM RED - EMERGENCY POWER (ALL VOLTAGES)
	3. SECURE NAMEPLATE TO EQUIPMENT WITH TWO SHEET METAL SCREWS.
	4. PROVIDE A NAMEPLATE FOR EVERY MAJOR ELECTRICAL DEVICE OR ELECTRICAL CONTROLS SUCH AS: SWITCHBOARDS, DISTRIBUTION PANELS, PANELBOARDS, LIGHTING CONTROL PANELS, STARTERS,
	TRANSFORMERS, DISCONNECT SWITCHES, ETC. (AS APPLICABLE). 5. REFER TO USPS SPECIFICATIONS 260500 COMMON WORK RESULTS FOR ELECTRICAL DESCRIPTION.
	6. EQUIPMENT DESIGNATION SHOULD INDICATE NAME OF PANELBOARD OR TYPE OF EQUIPMENT BE SERVED
	(I.E. "PANEL LPA", "PUMP CWP-1"). 7. SYSTEM VOLTAGE SHALL INDICATE VOLTAGE AND PHASE SUCH AS: 480/277V,3Ø, 208/120V,1Ø, 240/120,1Ø, ETC
	8. THE THIRD LINE OF TEXT SHALL INDICATE UPSTREAM POWER SOURCE IDENTIFIED BY ITS NAME,
	SUCH AS "TRANSFORMER T1", PANEL "LPA", ETC.
<u> </u>	
	DISTRIBUTION EQUIPMENT NAMEPLATE DETAIL
<u>G</u>	ENERAL NAMEPLATES AND SIGNS
	SAFETY SIGNS: COMPLY WITH 29 CFR, CHAPTER XVII, PART 1910.145.
B.	ENGRAVED PLASTIC NAMEPLATES AND SIGNS: ENGRAVING STOCK, MELAMINE PLASTIC LAMINATE, MINIMUM 1/16 INCH (1.6 MM) THICK FOR SIGNS UP TO 20 SQ. IN. (129 SQ. CM) AND 1/8 INCH (3.2 MM) THICK FOR LARGER SIZES.
C	BAKED-ENAMEL SIGNS FOR INTERIOR USE: PREPRINTED ALUMINUM SIGNS, PUNCHED OR DRILLED FOR FASTENERS, WITH COLORS, LEGEND, AND SIZE REQUIRED FOR THE APPLICATION. 1/4-INCH (6.4-MM) GROMMETS IN CORNERS FOR MOUNTING.
D	EXTERIOR, METAL-BACKED, BUTYRATE SIGNS: WEATHER-RESISTANT, NONFADING, PREPRINTED, CELLULOSE-ACETATE BUTYRATE SIGNS WITH 0.0396-INCH (1-MM) GALVANIZED-STEEL BACKING; AND WITH COLORS, LEGEND, AND SIZE REQUIRED FOR THE APPLICATION. 1/4-INCH (6.4-MM) GROMMETS IN CORNERS FOR MOUNTING.
E	FASTENERS FOR NAMEPLATES AND SIGNS: SELF-TAPPING, STAINLESS-STEEL SCREWS OR NO. 10/32, STAINLESS-STEEL MACHINE SCREWS WITH NUTS AND FLAT AND LOCK WASHERS.
F.	CAUTION LABELS FOR INDOOR BOXES AND ENCLOSURES FOR POWER AND LIGHTING: INSTALL
	PRESSURE-SENSITIVE, SELF-ADHESIVE LABELS IDENTIFYING SYSTEM VOLTAGE WITH BLACK LETTERS ON ORANGE BACKGROUND. INSTALL ON EXTERIOR OF DOOR OR COVER.
9 \	SENERAL SIGNAGE REQUIREMENTS

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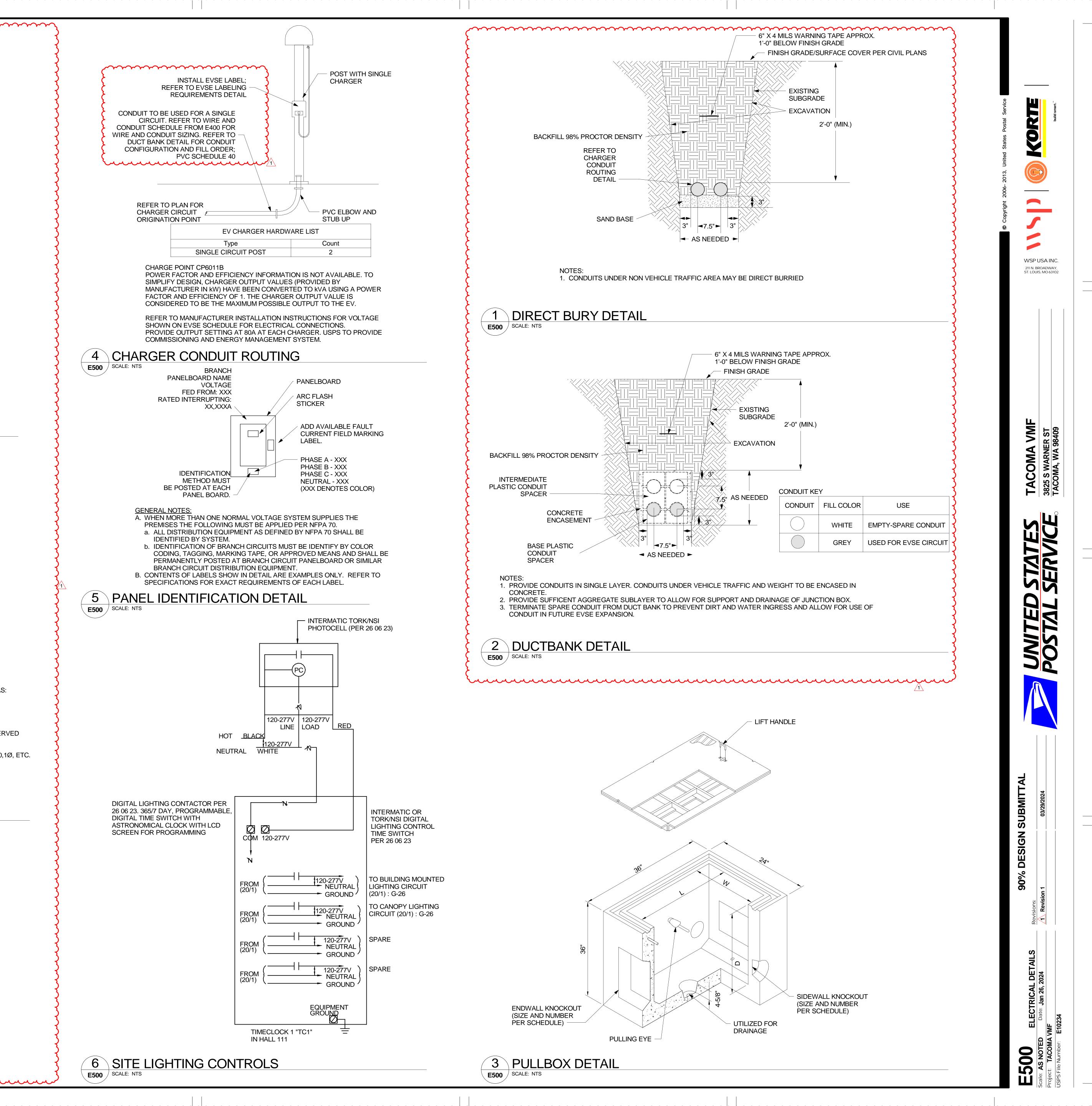
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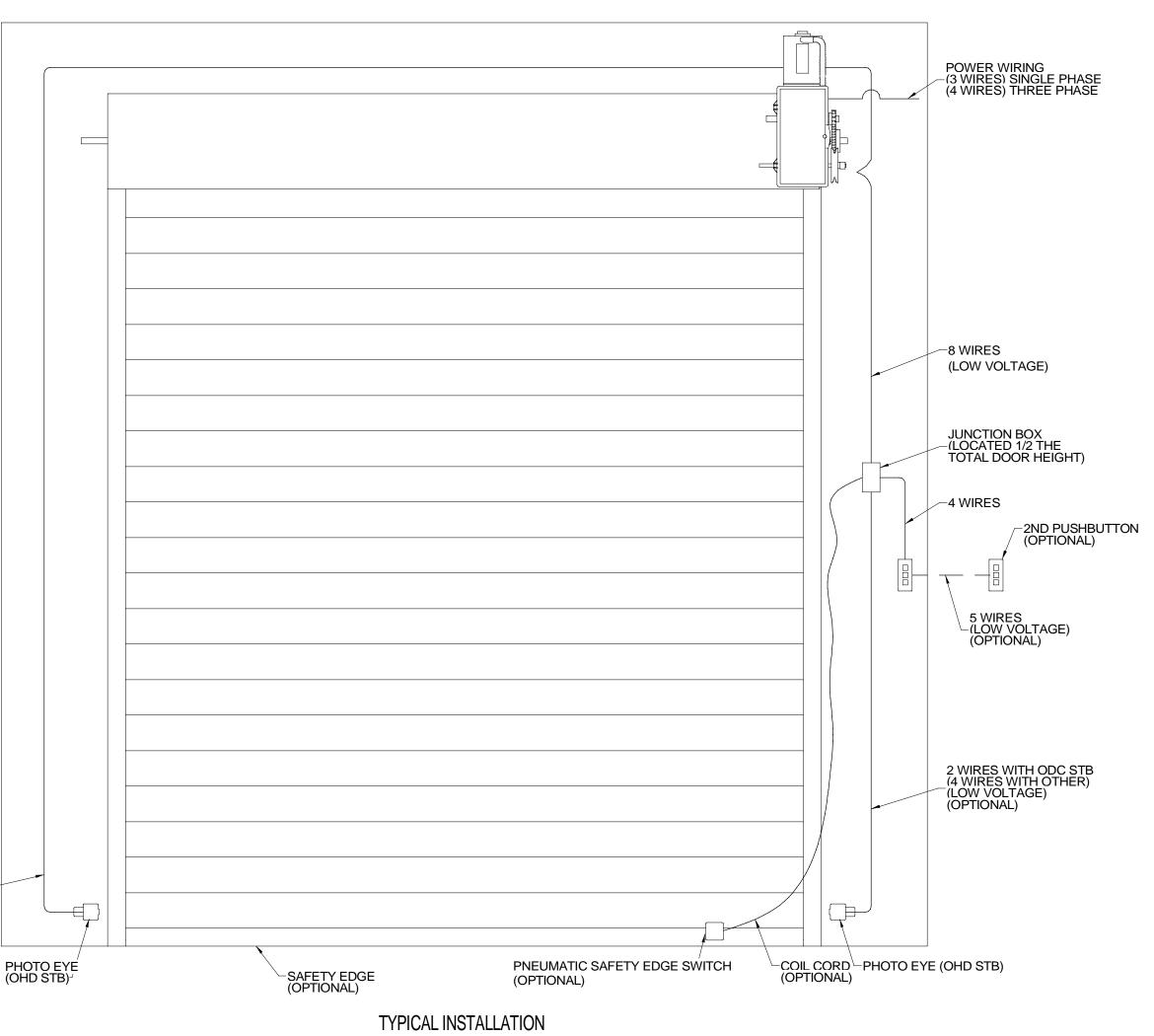
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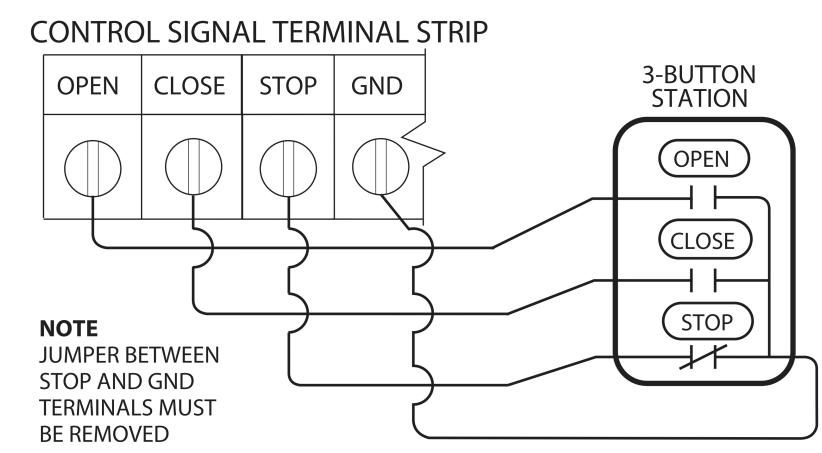
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	3 OVE E501 SCALE: N
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DATE & TIME:	



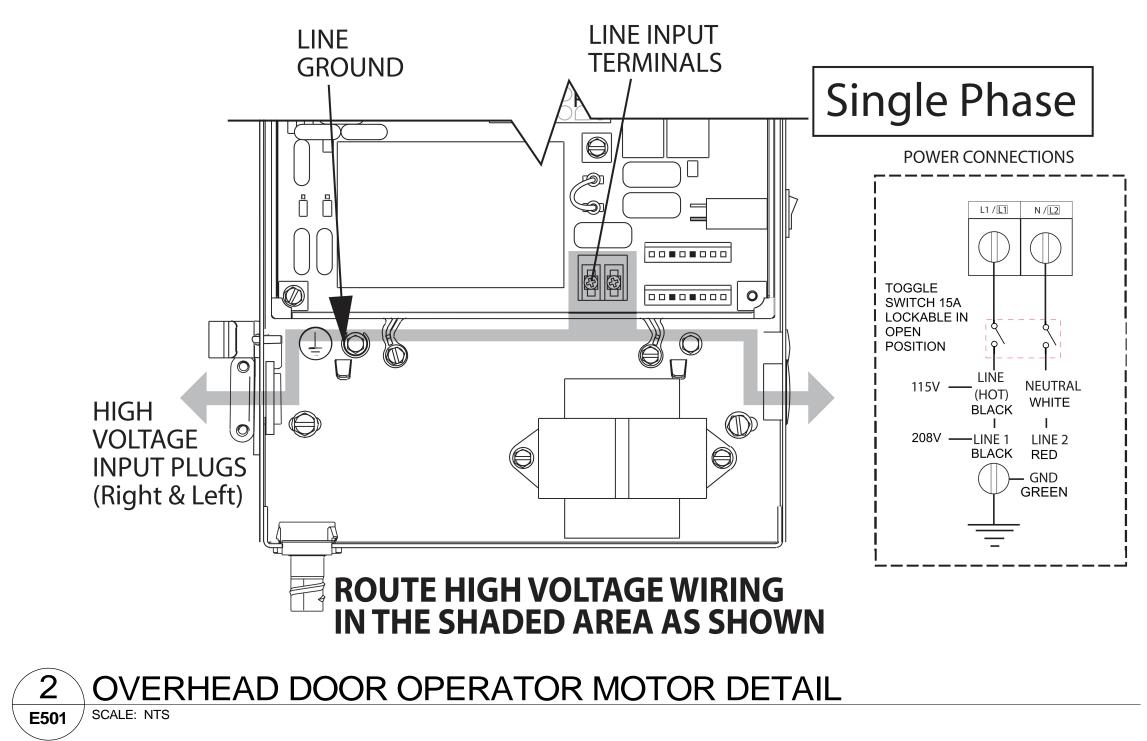
ERHEAD DOOR ELECTRICAL CONNECTION DETAIL

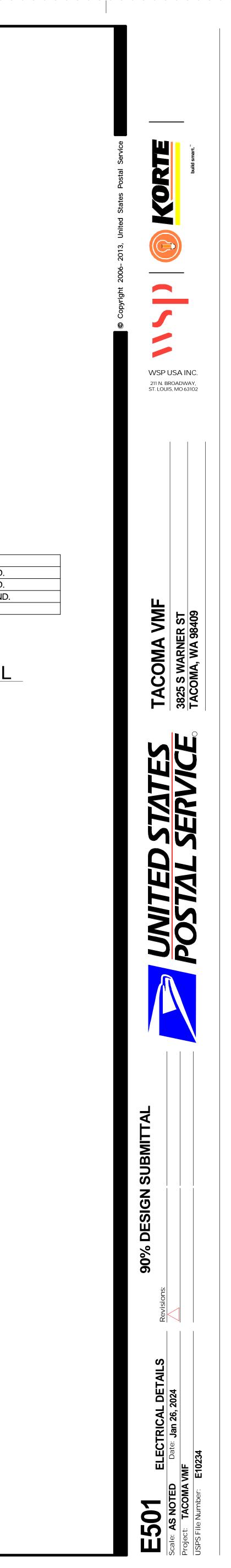


WALL CONTROL(S) MUST BE LOCATED SO THAT THE DOOR IS WITHIN SIGHT OF THE USER AND IS FAR ENOUGH FROM THE DOOR, OR POSITIONED SUCH THAT THE USER IS PREVENTED FROM COMING IN CONTACT WITH THE DOOR WHILE OPERATING CONTROLS.

		· · · · · · · · · · · · · · · · · · ·	
INPUT		FUNCTION	CONNECTION TYPE
11- POSITION	OPEN	Causes door to open if not at Up Limit. Causes a closing door to reverse.	Normally-Open Dry Contact to GND.
TERMINAL BLOCK	CLOSE	Causes door to close if not at Down Limit.	Normally-Open Dry Contact to GND.
INSIDE ELECTRIC BOX	STOP	Causes moving door to stop. Prevents the operator from running.	Normally-Closed Dry Contact to GND.
	GND	Common ground connection for Open, Close, Stop & 1-Btn Inputs.	

1 SCALE: NTS







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# EXHIBITS

NGDV CHECKLIST
CIVIL AUTO-TURN - NDGV

- CIVIL AUTO-TURN FIRETRUCK
  UNITED STATES POSTAL SERVICE FACILITIES FORM ECC-EZ
- LIGHTING CALCULATIONS
   EMERGENCY LIGHTING CALCULATIONS
   PHOTOS



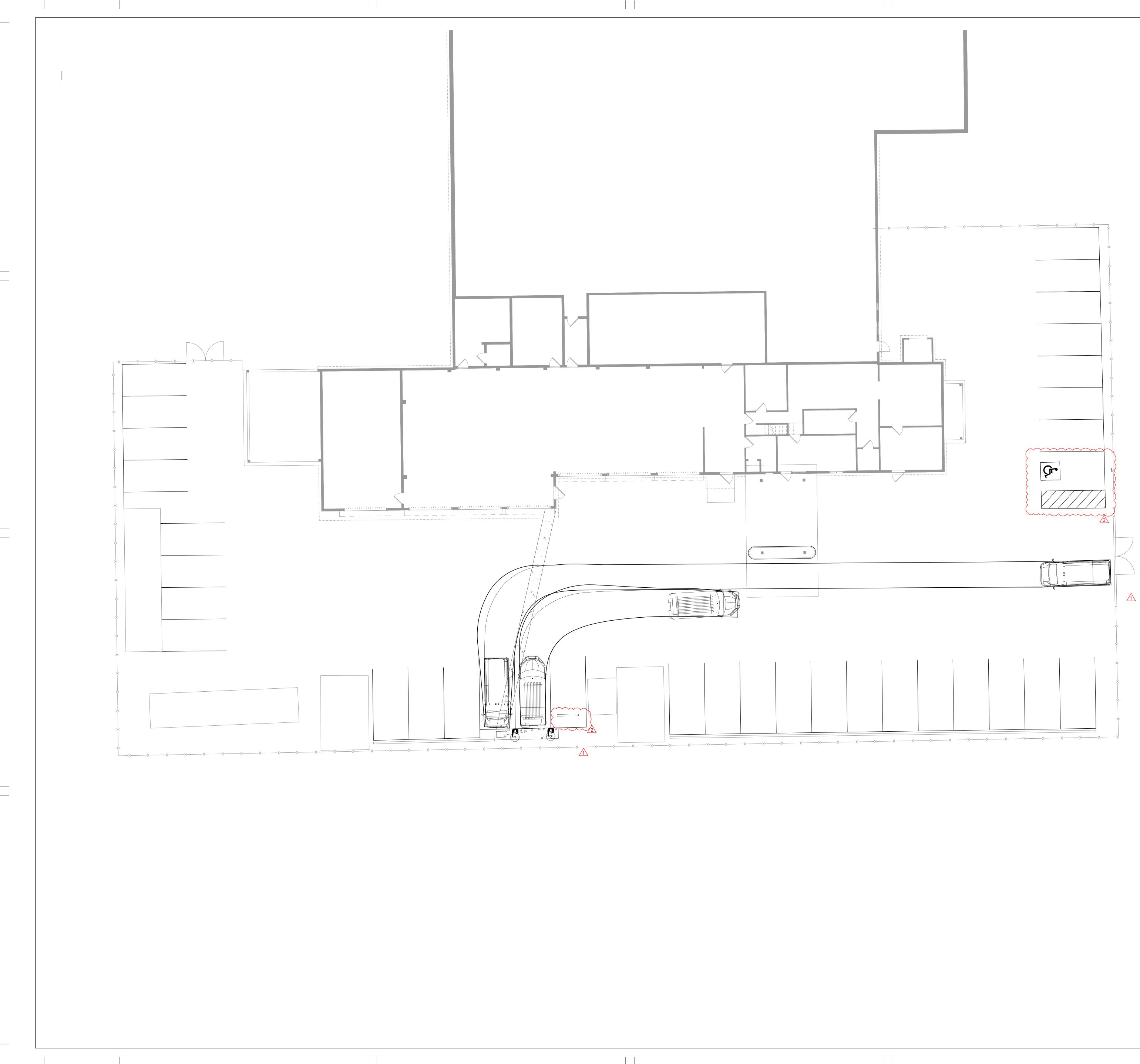
### **Design Checklist**

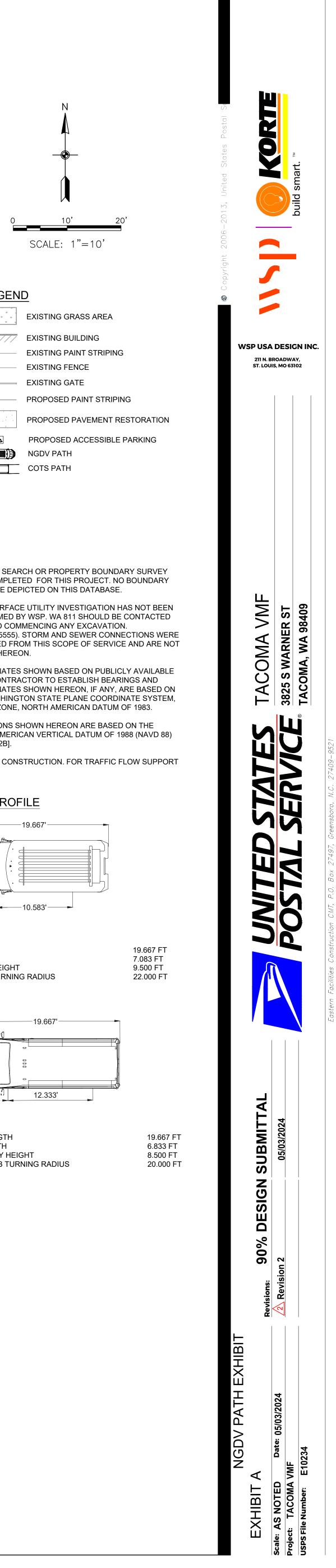
Facility Name: 548330-005-984-TACOMA VMF City, State, Zip: TACOMA, WA, 98409 Project Phase: 90% Design Reviewer (Individual/Firm Names): WSP Telephone Number: 314-206-4444 Date: 01/26/24

NOTES:

- 1. This checklist shall be utilized for the design and construction of facilities being modified due to the installation of charging stations.
- 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	<ul> <li>Image: A set of the set of the</li></ul>	*	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	<ul> <li>Image: A second s</li></ul>	*	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 <b>applied</b> per charge port (11.5 kW charger run at 208 V)	Refer to Electrical Infrastructure Design Requirements
12	<ul> <li>Image: A start of the start of</li></ul>	*	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	N/A	*	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	<ul> <li>✓</li> </ul>	*	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	<ul> <li>Image: A start of the start of</li></ul>	*	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.	

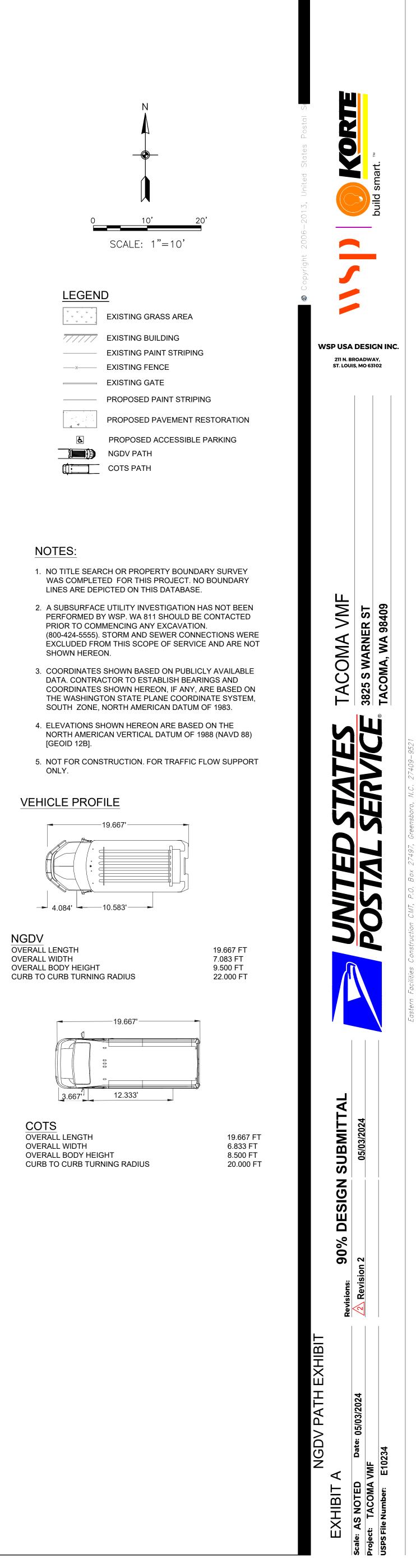


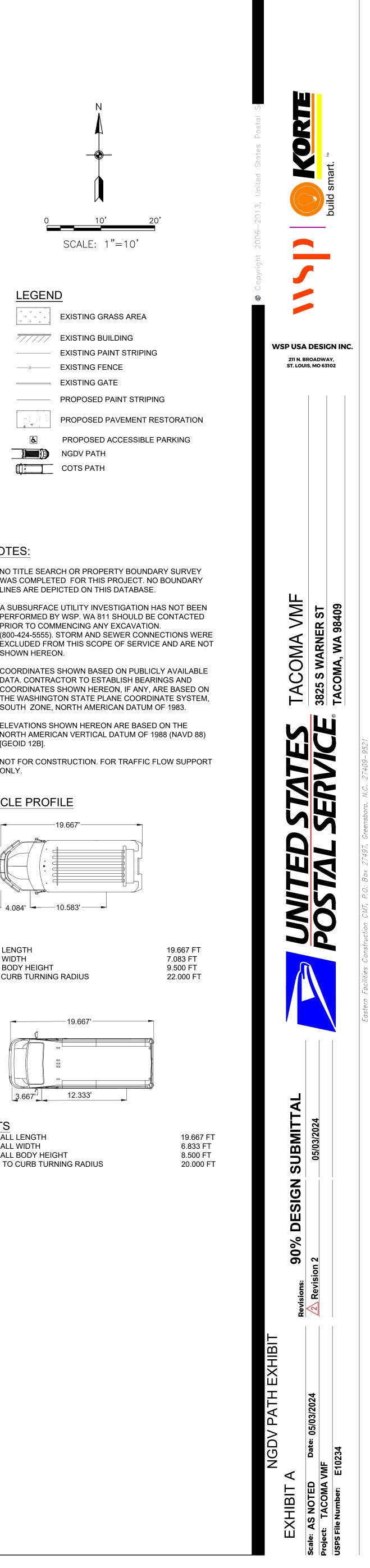


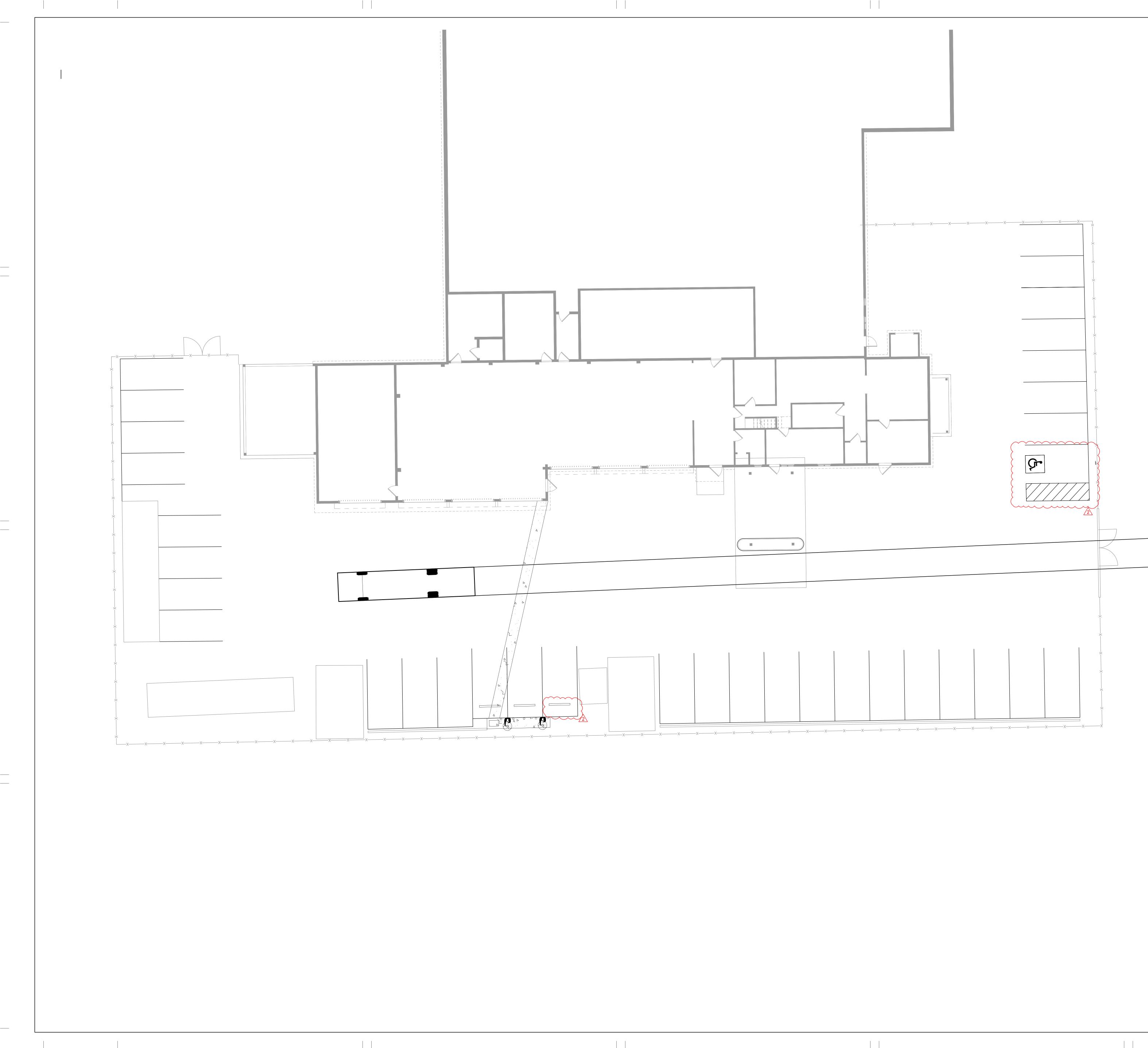
## **LEGEND** ——×—— EXISTING FENCE EXISTING GATE 4 7 NGDV PATH COTS PATH

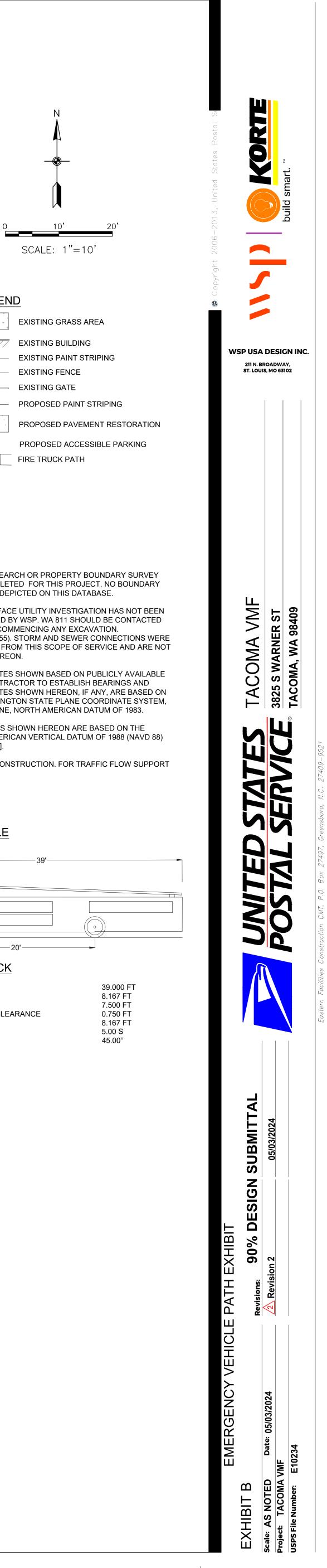
## NOTES:

## VEHICLE PROFILE

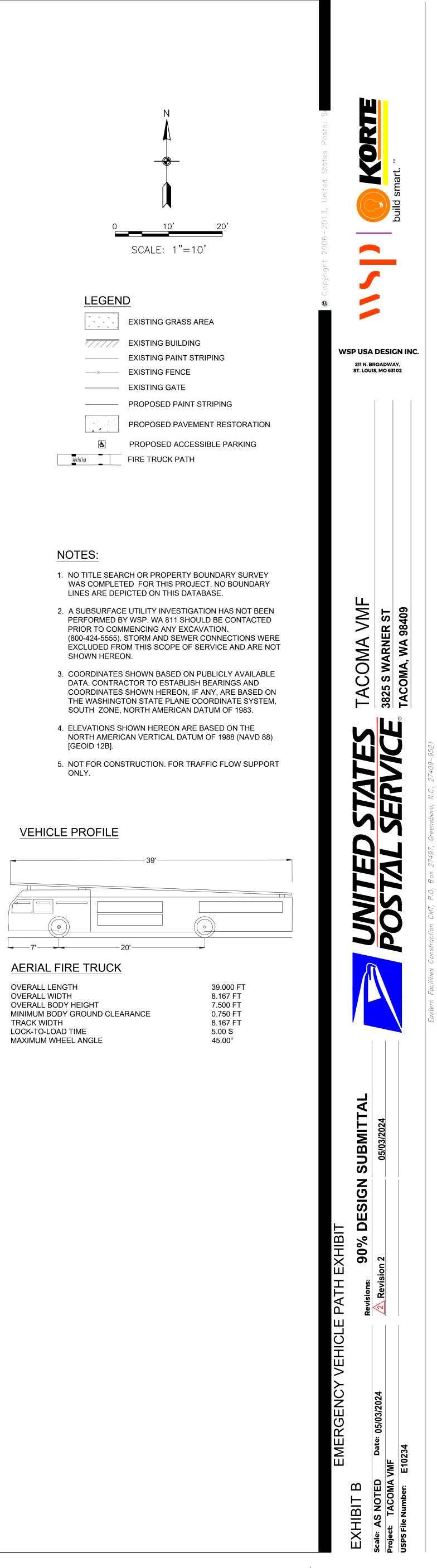








## **LEGEND** EXISTING BUILDING —×—— EXISTING FENCE EXISTING GATE 4 7 ;

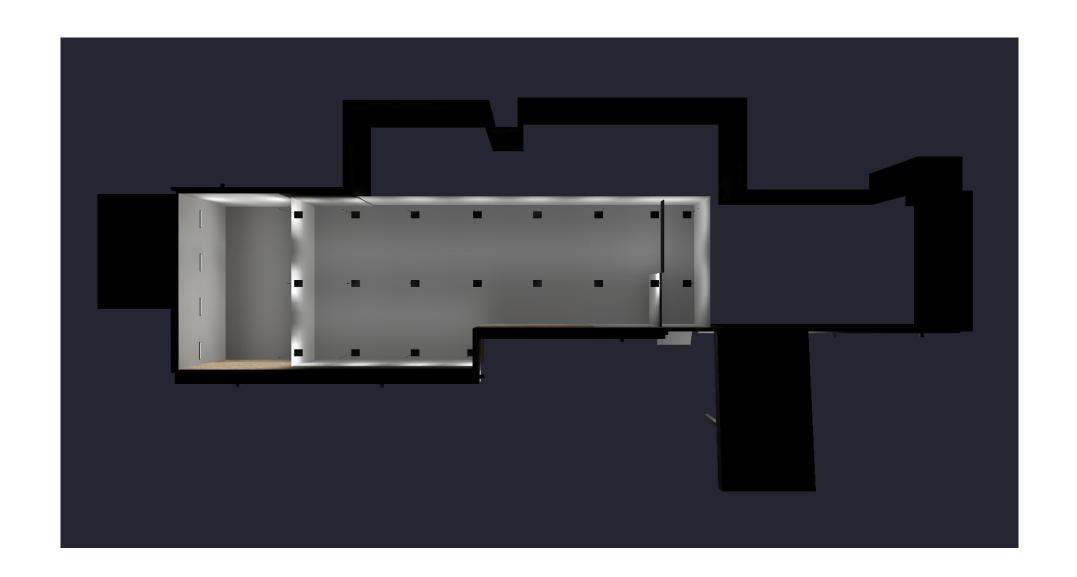


### **United States Postal Service – Facilities** Form ECC-EZ 0 ... \_ ...... .... .

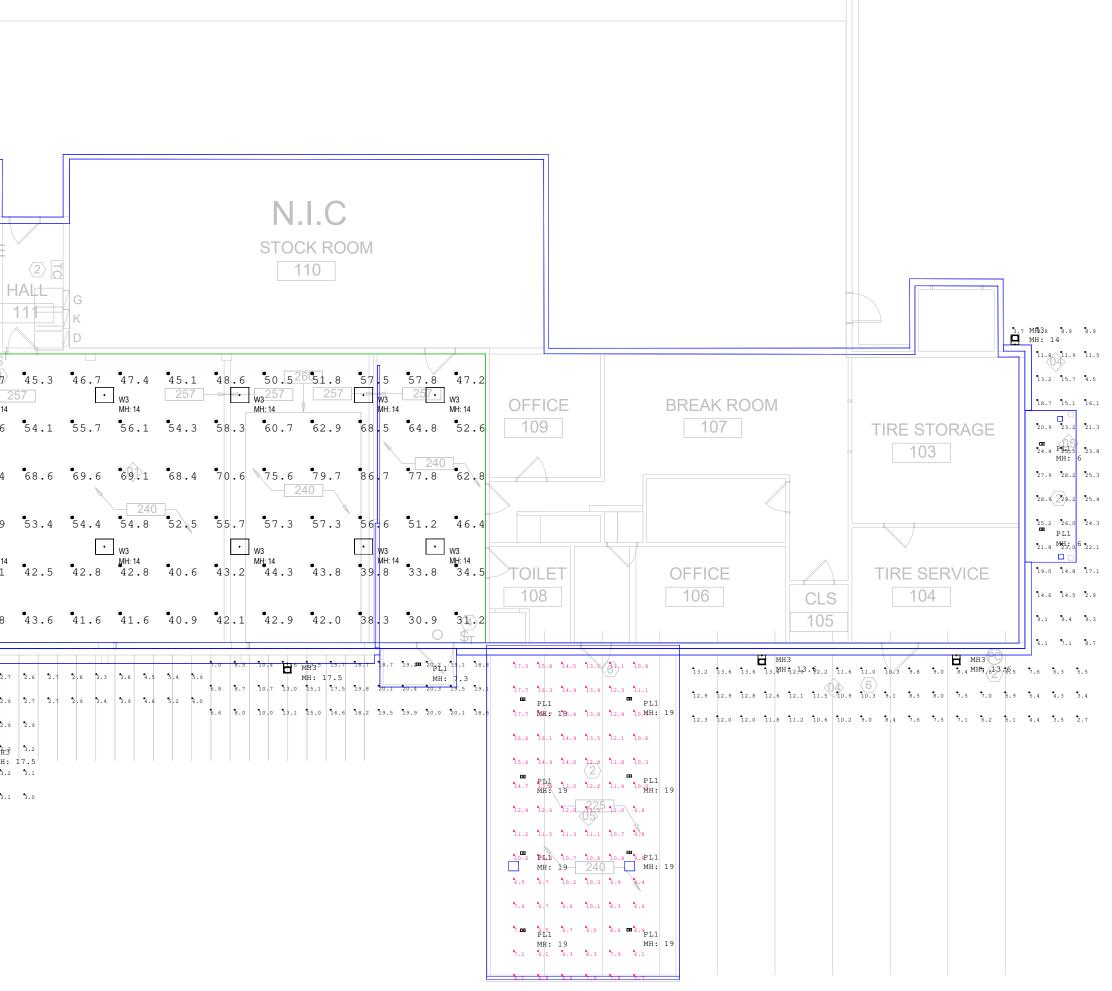
Energy Compliance Certification for Low to Mode Use this form ECC-EZ to certify compliance to USPS energy standa low/moderate energy impact. Upload completed form to the project Do NOT use this form ECC-EZ for projects that have high energy impact such as:	ards for all projects that cost from \$5000 to \$1 million and have t's eFMS Energy Work Summary prior to construction award.
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): spe         Other (contact Facilities HQ ESPM Group for guidance): specify	
BASIC FACILITY AND PROJECT DATA	Project of FOOD #
Project Manager Site name	Project or FSSP # Site Finance ID
Street address	District
City, State, ZIP	Area
Project Description	
Estimated \$ Sche	eduled construction completion date
"BEFORE" AND "AFTER" EQUIPMENT (NAMEPLATE) DATA         Equipment & Quantity       Tons or btu1         HVAC       OLD:	
NEW:	
Lamp Type         Quantity           Lighting OLD:	Avg foot candles Other(kwh/yr saved by Installing new fixtures)
NEW:	
Type/Material Roof Size (sf)	Insulation R-Value Other (BTU/yr savings) (or inches:)
NEW:	
Is the new roof Energy Star qualified?	
Other OLD:	
NEW:	
COMPLIANCE TO STANDARDS Which of these statements applies to this project?  A deviation from A	blies with all USPS Standard Design Criteria (SDC).
PROJECT MANAGER CERTIFICATION	TEAM LEADER APPROVAL
Name	Name
Signature Date	Signature Date

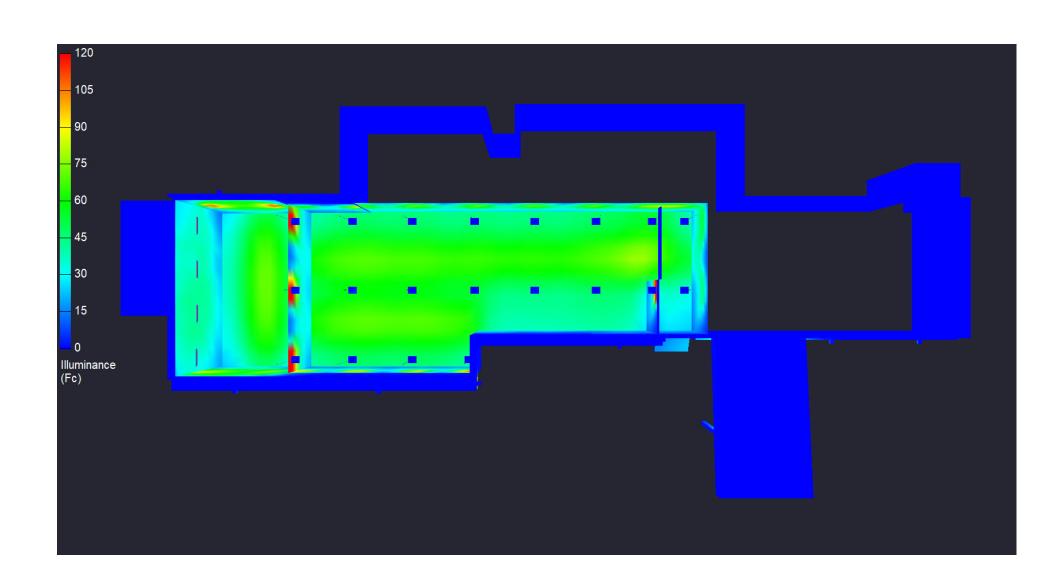
Upload completed form in PDF format to the project's eFMS Energy Work Summary prior to construction award. More information may be requested at the discretion of Facilities HQ Energy & Sustainability Program Management Group.

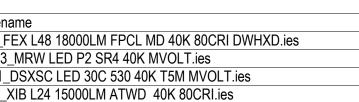
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20.0 27. MH: 1225	2 P26.2 MH: 12 B4				W3 260 MH: 14 260	• W3 MH: 14	257 W3 MH: 1
	B4 MH:12 8 26.6 36.3 65.	5 66.7 38.4	MH: 12 53.9	•55.6 •58	.8 57.4 56.0	•57.6 •55.0	
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<sup>3</sup> <sup>11.0</sup> 26.8 26,4 27.	1 27.1 <b>38.2</b> 71.	4 72.0 40.8	68.3	•72.4 •73	.5 72.8 71.5	1072.9 69.5	•69.4 •70.4
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MH: 12 • 10.6 • 25.5 • 25.4 • 26.	PL1 MH: 12 0 25.9 39.5 72.	8 73.6 42.0	57.9	<b>5</b> 9.9 <b>6</b> 2	.5 60.7 59.0	•60.6 •57.5	•56.8 •57.9
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1.2 13.3 12.4 15.6 16.4 17.4 18.2 18.4 18.	4 18.6 19.0						4
	<sup>16.1</sup> МНЗ В.1 65.	1 65.5 36.7	58.6	60.6 62	.9 61.2 60.1	61.9 60.0	•58.5 2.
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	9.6 9.8						
	7.7 7.9 3.6 1.9 2.2 2.5	мн3			MH3		MH .6 2.7 2.8 3.2 3



Tag Symbol	Qty	Label			Descriptio	on				Lum. Watts	Lum. Lumens	LLF	Filenar
Β4 □→	⊒ 8	B4_FEX L48 18000LM FPCL MD 40			FEX L48	18000L	M FPCL MD	40K 80CRI	DWHXD	121.84	17939	0.900	B4_FE
MH3 + O	10	MH3_MRW LED P2 SR4 40K MVOLT	-		MRW LEI	D P2 SF	R4 40K MVC	DLT		29.17	3053	0.900	MH3_N
PL1 🕀	19	PL1_DSXSC LED 30C 530 40K T5M			DSXSC L	ED 30C	530 40K T	5M MVOLT		53	6787	0.900	PL1_C
W3 ·	20	W3_XIB L24 15000LM ATWD 40K			XIB L24 1	5000LN	1 ATWD_ 40	OK 80CRI		97.02	14861	0.900	W3_X
Calculation Summary													
Label		CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z (Ca	alcs Plane Height)	Tai	arget Light Level	
Canopy Extension_East		Illuminance	Fc	16.93	29.2	2.9	5.84	10.07	0				
Canopy Extension_South e	ast	Illuminance	Fc	9.20	13.6	2.7	3.41	5.04	0				
Canopy South		Illuminance	Fc	15.50	20.4	6.6	2.35	3.09	0				
Main Canopy South		Illuminance	Fc	11.18	17.7	4.4	2.54	4.02	0				
North west Extension		Illuminance	Fc	3.26	6.5	1.9	1.72	3.42	0				
SERVICE BAY_102_Workp	lane	Illuminance	Fc	55.44	86.7	30.9	1.79	2.81	1				
South Extension		Illuminance	Fc	3.09	9.8	1.5	2.06	6.53	0				
Steam Cleaning Bay		Illuminance	Fc	25.83	27.2	22.8	1.13	1.19	0				
WASH BAY_101_Workplar	е	Illuminance	Fc	51.55	73.6	29.8	1.73	2.47	1				
West Extension		Illuminance	Fc	12.30	20.8	5.3	2.32	3.92	0				







TACOMA VMF PHOTOMETRICS	Drawn By:	– R	XXXXXXXXX NOTES
	Checked By:	evi	
	Date:23-01-2024	sioi	
	Scale:	าร	

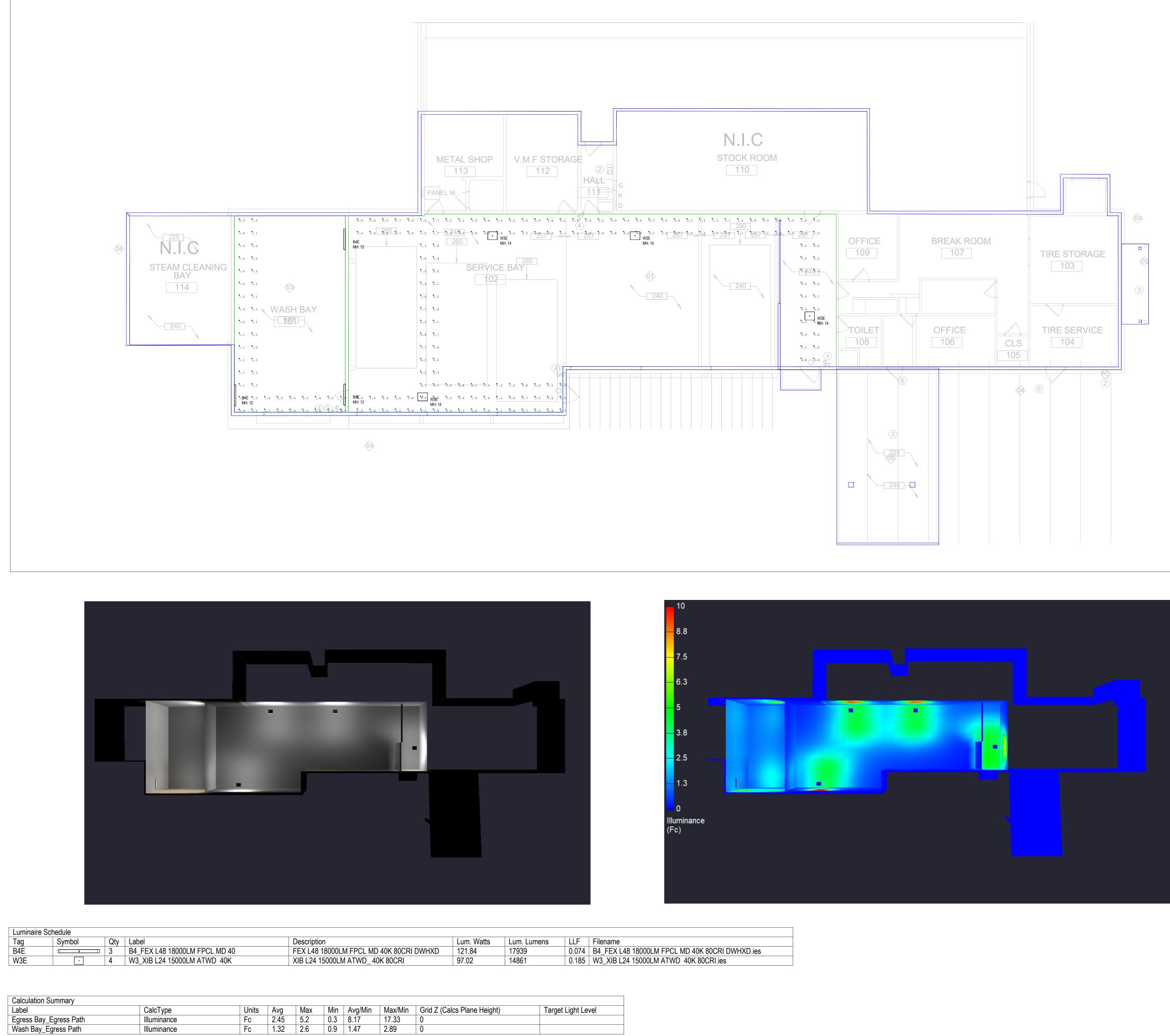
### NOTES

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'-03" AFF

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



TACOMA VMF PHOTOMETRICS	Drawn By:	1 xxxxxxxx NOTES
	Checked By:	evi
	Date:22-01-2024	sioi
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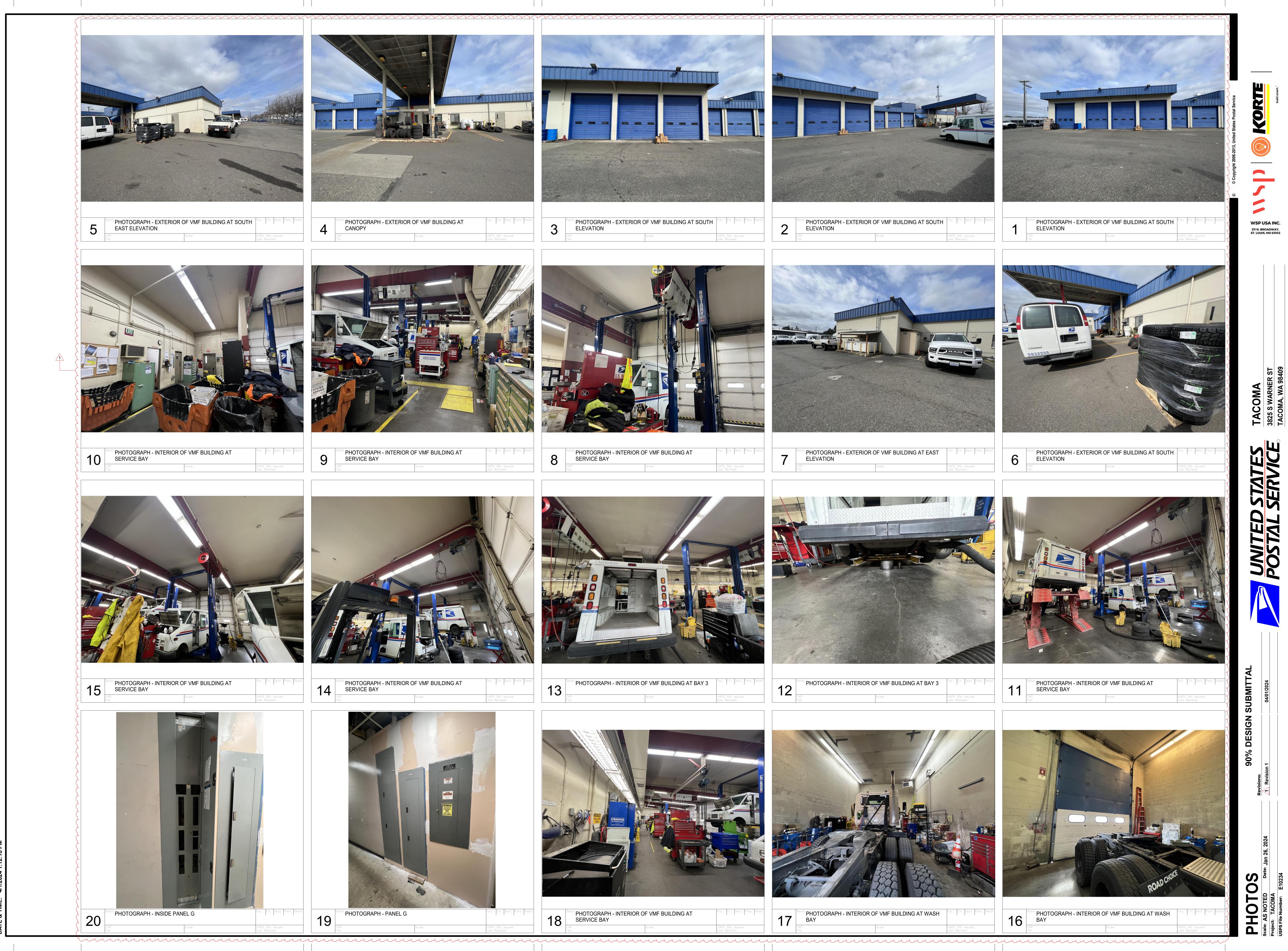
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APH - INTERIOR O AY	F VMF BUILDING AT	Fac.	Ch.	Sect.	Para.	Detail
	Scale:	USPS Last F		ssued: d:		