

D-BAT ALTERATIONS AT 3200 INDUSTRIAL BOULEVARD FOR SNAPTOBER, LLC



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NOTE:
SITE DIGITAL IMAGE IS OFFERED FOR INFORMATIONAL PURPOSES ONLY; THERE IS NO INTENT TO GUARANTEE THE ACCURACY OF THE INFORMATION PRESENTED; ALL CONTRACTORS SHALL VISIT THE SITE TO PERSONALLY ASCERTAIN THE NATURE OF THE WORK INVOLVED AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO THE SUBMISSION OF A BID.

Google Earth

1 PROJECT LOCATION MAP
CS NOT TO SCALE

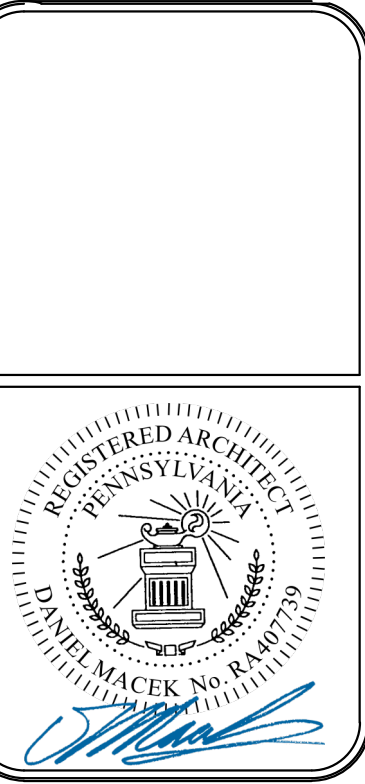
Drawing #	Drawing Title
CS	COVER SHEET
A001	BUILDING LIFE SAFETY PLANS, AND CODE SUMMARY, AND GENERAL NOTES
A002	GENERAL NOTES
A003	SITE PLAN AND TYPICAL DETAILS
A101	FIRST FLOOR PLAN
A102	MEZZANINE FLOOR PLAN
A501	PARTIAL BUILDING ELEVATIONS AND SECTIONS
A801	STAIR CALLOUTS
A802	ENTRY STAIR CALLOUTS
MEP001	GENERAL NOTES, ABBREVIATIONS AND LEGEND
M101	MECHANICAL FIRST FLOOR PLAN - NEW WORK
M102	MECHANICAL SECOND FLOOR PLAN - NEW WORK
M601	MECHANICAL SCHEDULES
F101	PLUMBING FIRST FLOOR PLAN - NEW WORK
FC01	PLUMBING FIXTURE SCHEDULE, RISER DIAGRAMS AND DETAILS
E101	ELECTRICAL FIRST FLOOR PLAN - NEW WORK
E102	ELECTRICAL MEZZANINE FLOOR PLAN - NEW WORK
E201	ELECTRICAL LIGHTING FIRST FLOOR PLAN - NEW WORK
E202	ELECTRICAL LIGHTING MEZZANINE FLOOR PLAN - NEW WORK
E501	LIGHTING CONTROL PLANS, DETAILS, AND SCHEDULES
E502	LIGHTING CONTROL DIAGRAMS
EG01	ELECTRICAL DIAGRAMS, DETAILS AND SCHEDULES
EG02	ELECTRICAL PANEL SCHEDULES
Grand total: 23	

SYMBOLS LEGEND

- 1-0' A.F.F. CEILING TAG w/ HEIGHT
- BUILDING ELEVATION
- COLUMN LINE
- INTERIOR ELEVATION
- NUMBERED KEY NOTE (sheet specific)
- BUILDING SECTION
- MODEL NUMBER, as per manufacturer basis of design
- UNIT DESCRIPTION (width/height/depth)
- WALL TYPE
- DOOR TAG
- LEVEL or PLAN VIEW
- ROOM TAG
- WALL SECTION
- SPOT ELEVATION
- STOREFRONT ELEVATION TAG
- FIRE EXTINGUISHER
- DEMOUNTABLE PARTITION ELEVATION
- CONTROL JOINT
- COLUMN ISOLATION JOINT

ABBREVIATIONS LEGEND

A.C.	air conditioning	EQ.	equal	NO. (N)	number
A.C.I.	American Concrete Institute	EQUP.	equipment	NOM.	nominal
A.C.E.	acoustical ceiling tile	E.W.	each way	NRC	noise reduction coefficient
ACOUS.	acoustic	E.W.C.	electric water cooler	N.T.S.	not to scale
ADJ.	adjustable	EXH.	exhaust	O.C.	on center
A.F.F.	above finished floor	EXIST.	existing	O.D.	outside diameter
ALT.	alternate	EXP.	exposed	O.H.	overhead
ALUM.	aluminum	EXP. JT./EXT. JT.	expansion joint	OPP.	opposite
AMT.	amount	EXT.	exterior	ORL	opposite
ANCO.	annotated	F.D.	fire department	OSHA	Occupational Safety and Health Administration
ANSI	American National Standards Institute	F.D.V.	fire department valve	OZ.	ounce
A.P.	access panel	F.E.	fire extinguisher	P.A.	public address
APPROX.	approximately	F.E.C.	fire extinguisher cabinet	PARTN.	partition
ARCH.	architectural	FIN.	finish (finishes)	P.C.	Plumbing Contractor
ASHRAE	American Society of Heating, Refrigeration & Air-Conditioning Engineers	FIN.	finish	P.C.	plaster
		F.R.	fire-resistant	PCST	precast
ASME	American Society of Mechanical Engineers	FT. (f)	feet	PERF.	perforated
ASPH	asphalt	FTG.	footing	PL	plate
ASTM	American Society of Testing Materials	GA.	gauge	PLAS.	plaster
A.V.	audio/visual	GALV.	galvanized	PLBG.	plumbing
B	at	G.C.	General Contractor	PLD.	plywood
<	align	GL.BLK.	glass block	PML	panel
angle	angle	GR.	grade	PLG.	paneling
BD	board	GRD.	ground	POL.	polished
BT	blowdown	GRDM.	grommet	PORC.	porcelain
BDG	building	G.T.	glazed tile	PORC. ENAM.	porcelain enamel
BLK	block	GDW	gypsum drywall	PR	paper
BLDG	building	GWB	gypsum wall board	PREFAB.	prefabricated
BLKND	bulkhead	GYP.	gypsum	PSI	pounds per square inch
B.M.	bench mark	H.B.	hose bib	PSF	pounds per square foot
BM.	beam	H.C.	Handing Contractor	PT	paint
BOCA	Building Officials Conference of America	HCF.	handicap (ped)	PTD	pointed
		HD.	head	PVC	polyvinyl chloride
BRG.	bearing	HDD.	hardboard	PVMT	movement
BRK	brick	HWD.	hardwood	PS	percent
BRZ.	bronze	HDWE.	hardware	QT	quarry tile
BSMT.	basement	H.M.	hollow metal	QTY	quantity
BOTT.	bottleneck of	HCKZ.	hollow core	R.	radius
B.T.U.	British Thermal Unit	HVAC	heating, ventilating, air conditioning	R.	risers (star)
B.U.R.	built-up	IBC	International Building Code	R.A.	return air
BY	by	I.D.	inside diameter	RAD.	radius
CAB.	cabinet	ILLUM.	illuminated	R.C.	Roofing Contractor
CAFE.	cafe/terrace	IN. (f)	inches	RD	roof drain
C.B.	cabin basin	INCL.	included, including	RECP.	refrigerator
CEM.	cement	INSUL.	insulation, insulating	REF.	refrigerator
CER.	ceramic	AC.FIN.	acrylic finish	REINP.	reinforcing
CHKD	checked	INT.	interior	REQD.	required
C.I.	chickboard	INT.	interior	REV.	revised
C.J.	cold joint	J.B.	junction box	RM	room
C.J.	control joint	JST.	joint	R.O.	rough opening
CLG. HT.	ceiling height	JT.	joint	RUB.	rubber
C.I.J.	column isolation joint	K.E.C.	Kitchen Equipment Contractor	R.W.C.	rain water conductor
CONF.	conference	K. (KIP)	thousands pounds	RB	rubber base
CONSTR.	construction	KVA	kilovolt-ampere	S.A.	supply air
CONT.	continuous	LAM.	laminated	SAN.	sanitary
CONTR.	contractor	LAT.	lateral	SCHED.	schedule
C.P.	clay pavers	L.C.	Landscape Contractor	S.D.	storm drain
C.S.	ceramic tile	LVL.	Level	SECT.	section
C.T.	center	L.L.H.	long leg horizontal	S.F.	square feet
CTR.	center	L.L.V.	long leg vertical	SHT.	sheet
CONC.	concrete	L.F.	low point	SHWR.	shower
CU. FT.	cubic foot	LT.	light	S.I.	square inch
CU.YD	cubic yard	L.TG.	lighting	SIM.	similar
C	centerline	L.TGA.	lightscape structural	SPEC.	specification
CL	centerline	LTWT. CONC.	lightscape concrete	S.P.R.	single-ply roofing
DEG. ()	degrees	LVR.	lower	SPRK.	sprinkler
D.F.	drinking fountain	LWR.	lower	SQ.	square
DIA. ()	diameter	MACH.	machine	SS	stainless steel
DIAG.	diagonal	MAS.	masonry	STD.	standard
DIM.	dimension	MATL.	material	STL.	steel
DIM. PARTN.	dimensional partition	MAX.	maximum	STRUC.	structural
DMSG. PARTN.	dismantling partition	MCCIT.	mechanical	SURF.MTD.	surface mounted
DN.	down	MED.	medium	STRUCT. FMS.	structural framing
DR.	door	MPL.	manufacturer	SUSP.	suspended
DTL.	detail	M.H.	manhole	S.V.	square yard
DWG.	drawing	MIN.	minimum	T.	thead
E.	east	MISC.	miscellaneous	TJ	top of
EA.	each	MISG.	miscellaneous	TB.	top of
E.C.	Electrical Contractor	M.O.	moisture	T.C.	terra cotta
ED.	education	M.K.	moisture resistant	T.C.	top of curb
EL.	elevation	MTO.	moisture	T4.G	top edge and groove
ELEC.	electrical	MTL.	metal	TEL.	telephone
ELEV.	elevator	N.	north	TEMP.	tempored (or temporary)
EMER.	emergency	NFPA	National Fire Protection Association	THRU.	through
ENCL.	enclosure	N.I.C.	not in contract	THUSD.	threshold
ENGR.	engineer			TYP.	typical
				T.Z.	terrazzo



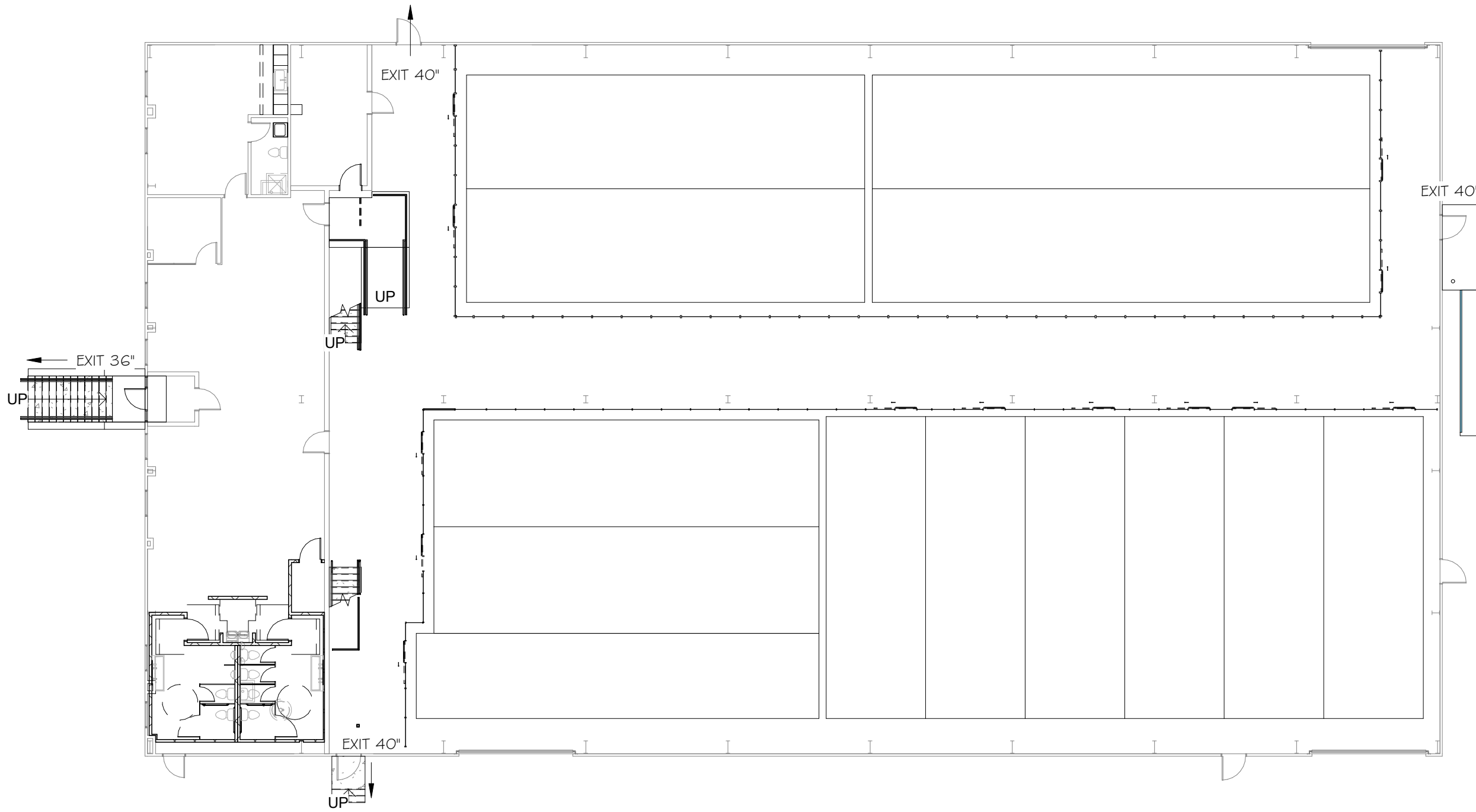
COVER SHEET

D-BAT ALTERATIONS
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3200 INDUSTRIAL BOULEVARD

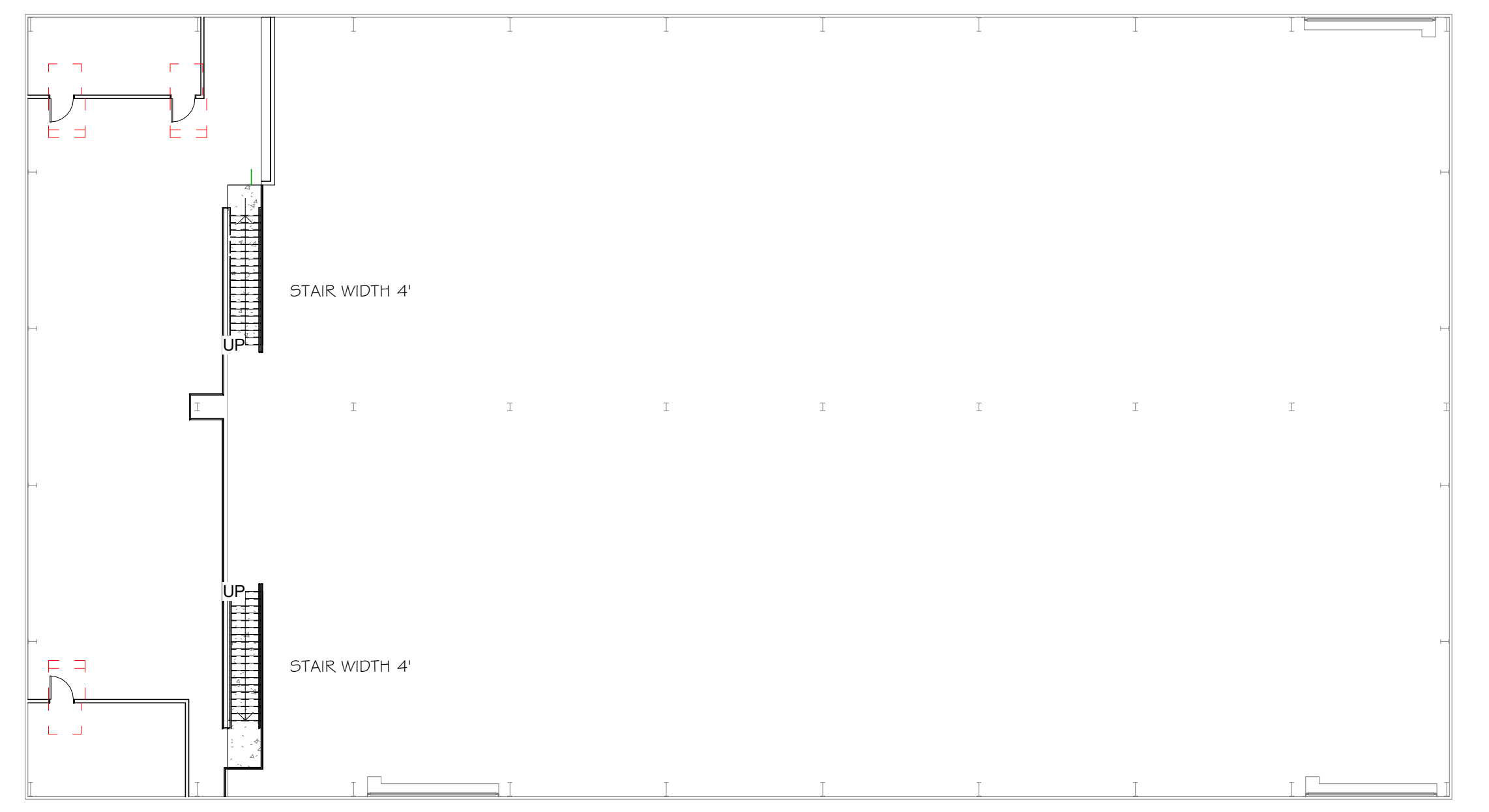
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REVISIONS	
Revision Number	Revision Date
PROJECT STATUS PLAN DOCUMENTS	
DATE	6/17/2022
DRAWN BY	DGM
JOB NO.	2172
SHEET NO.	CS



1 LIFE SAFETY PLAN - FIRST FLOOR
1/16" = 1'-0"



2 LIFE SAFETY PLAN - MEZZANINE
1/16" = 1'-0"

CODE SUMMARY - PA-UCC INTERNATIONAL BUILDING CODE - 2018

IBC CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION
SECTION 304.1: BUSINESS GROUP B, TRAINING AND SKILL DEVELOPMENT NOT IN A SCHOOL OR ACADEMIC PROGRAM

IBC CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS
TABLE 504.3 - ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE
GROUP B: CONSTRUCTION TYPE IIB: 55 FT
ACTUAL (APPROXIMATE) = 22 FT

TABLE 504.4 - ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE
GROUP B: CONSTRUCTION TYPE IIB: 3
ACTUAL = 1

SECTION 505.2.1: MEZZANINE IS LESS THAN 1/3 OF FLOOR AREA; AGGREGATE AREA OF MEZZANINE SHALL NOT BE GREATER THAN ONE-THIRD OF THE FLOOR AREA OF THAT ROOM IN WHICH IT IS LOCATED
BATTING CAGES: 15,457 SQUARE FEET
MEZZANINE: 2,681 SQUARE FEET
15,457SF / 3 = 5,152SF; 5,152SF > 2,681SF

505.2.2 MEANS OF EGRESS: COMPLY WITH PROVISIONS OF IBC CHAPTER 10

505.2.3 OPENNESS: SHALL BE OPEN AND UNOBSTRUCTED TO THE ROOM IN WHICH THE MEZZANINE IS LOCATED; EXCEPTION 1, PORTIONS MAY BE ENCLOSED PROVIDED THE OCCUPANT LOAD OF THE AGGREGATE AREA OF THE ENCLOSED SPACE IS NOT GREATER THAN 10; EXCEPTION 3, PORTIONS MAY BE ENCLOSED PROVIDED THAT THE AGGREGATE FLOOR AREA OF THE ENCLOSED SPACE IS NOT GREATER THAN 10 PERCENT OF THE MEZZANINE AREA

TABLE 506.2 - ALLOWABLE AREA FACTOR
CONSTRUCTION TYPE IIB
GROUP B: (NON-SPRINKLERED) 23,000 SQUARE FEET
ACTUAL SQUARE FEET = 18,138 < 23,000 SQUARE FEET

IBC CHAPTER 6: TYPES OF CONSTRUCTION
TABLE 601 - FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
CONSTRUCTION TYPE IIB
PRIMARY STRUCTURAL FRAME 0 HOURS
BEARING WALLS EXTERIOR / INTERIOR 0 HOURS
NONBEARING WALLS 0 HOURS
FLOOR CONSTRUCTION 0 HOURS
ROOF CONSTRUCTION 0 HOURS

TABLE 602 - FIRE RATING BASED ON SEPERATION DISTANCE
DISTANCE = X < 5
OCCUPANCY GROUP = B
CONSTRUCTION TYPE = IIB
RATING REQUIRED = 1 hrs (EXISTING WALL TO REMAIN)

IBC CHAPTER 8: INTERIOR FINISHES
TABLE 803.1.3: INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY
GROUP B-OCCUPANCIES: INTERIOR EXIT STAIRWAYS AND RAMP AND EXIT PASSAGEWAYS: class-A
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMP: class-B
ROOMS & ENCLOSED SPACES: class-C

IBC CHAPTER 9: FIRE PROTECTION SYSTEMS
SECTION 903, AUTOMATIC SPRINKLER SYSTEMS: NOT REQUIRED
SECTION 907.2.2, FIRE ALARM AND DETECTION SYSTEMS: NOT REQUIRED TO BE PROVIDED WITH A MANUAL FIRE ALARM SYSTEM; THE OCCUPANT LOAD OF ALL FLOORS IS LESS THAN 500 AND THE OCCUPANT LOAD ABOVE THE LOWEST LEVEL OF EXIST DISCHARGE IS LESS THAN 100

IBC CHAPTER 10: MEANS OF EGRESS
SECTION 1004 OCCUPANT LOAD: 139 OCCUPANTS (TABLE 1004.5, BUSINESS AREAS 150 GROSS; 20,819 SQUARE FEET/150 GROSS = 138.8)
SECTION 1005 MEANS OF EGRESS SIZING
36 inches minimum
TABLE 1017.2 TRAVEL DISTANCE
B OCCUPANCIES: 200ft
CHAPTER 11: ACCESSIBILITY
ALL NEW WORK SHALL COMPLY WITH IBC-2021, CH. 11 AND ICC A117.1-2017

SEE ALSO FIXTURE MOUNTING SCHEDULE

IBC CHAPTER 3: PROVISIONS FOR ALL COMPLIANCE METHODS
SECTION 305, ACCESSIBILITY FOR EXISTING BUILDINGS:
SECTION 305.4, CHANGE OF OCCUPANCY, COMPLETE CHANGE OF OCCUPANCY:
- NOT FEWER THAN ONE ACCESSIBLE BUILDING ENTRANCE
- NOT FEWER THAN ONE ACCESSIBLE ROUTE FROM AN ACCESSIBLE BUILDING ENTRANCE TO PRIMARY FUNCTION AREAS
- SIGNAGE COMPLYING WITH SECTION 1111 OF IBC
- ACCESSIBLE PARKING, WHERE PARKING IS BEING PROVIDED
- NOT FEWER THAN ONE ACCESSIBLE ROUTE CONNECTING ACCESSIBLE PARKING TO AN ACCESSIBLE ENTRANCE

SECTION 305.6, ALTERATIONS: FACILITY THAT IS ALTERED SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 11 OF IBC

SECTION 305.7, ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION: WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE; THE COSTS OF PROVIDING THE ACCESSIBLE ROUTE ARE NOT REQUIRED TO EXCEED 20 PERCENT OF THE COSTS OF THE ALTERATIONS AFFECTING THE AREA OF PRIMARY FUNCTION

SECTION 305.8.1, SCOPING FOR ALTERATIONS, ENTRANCES: WHERE AN ALTERATION INCLUDES ALTERATIONS TO AN ENTRANCE THAT IS NOT ACCESSIBLE, AND THE FACILITY HAS AN ACCESSIBLE ENTRANCE, THE ALTERED ENTRANCE IS NOT REQUIRED TO BE ACCESSIBLE UNLESS REQUIRED BY SECTION 305.7; SIGNAGE COMPLYING WITH SECTION 1111 OF IBC SHALL BE PROVIDED.

SECTION 305.8.10, SCOPING FOR ALTERATIONS, TOILET ROOMS: WHERE TECHNICALLY INFEASIBLE TO ALTER EXISTING TOILET ROOMS TO BE ACCESSIBLE, AN ACCESSIBLE FAMILY OR ASSISTED-USE TOILET CONSTRUCTED IN ACCORDANCE WITH 1109.2.1 OF IBC IS PERMITTED; DIRECTIONAL SIGNS SHALL BE PROVIDED AT THE INACCESSIBLE TOILET ROOM INDICATING WHERE THE ACCESSIBLE TOILET IS

IBC CHAPTER 6: CLASSIFICATION OF WORK
SECTION 604: LEVEL 3 ALTERATIONS; WORK AREA EXCEEDS 50 PERCENT OF THE BUILDING AREA

IBC CHAPTER 7: ALTERATIONS - LEVEL 1
SECTION 703, FIRE PROTECTION: ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.
SECTION 704, MEANS OF EGRESS: ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS.
SECTION 706, STRUCTURAL: GRAVITY LOAD-CARRYING ELEMENTS THAT ARE ALTERED RESULTING IN AN INCREASE IN DESIGN LOAD OF MORE THAN 5 PERCENT SHALL BE ALTERED AS NEEDED TO CARRY THE GRAVITY LOADS REQUIRED BY THE IBC FOR NEW STRUCTURES
SECTION 707, ENERGY CONSERVATION: ALTERATIONS TO EXISTING BUILDINGS ARE PERMITTED WITHOUT REQUIRING ENTIRE BUILDING TO COMPLY WITH THE ENERGY REQUIREMENTS OF IECC; ALTERATIONS SHALL CONFORM TO IECC AS THEY RELATE TO NEW CONSTRUCTION

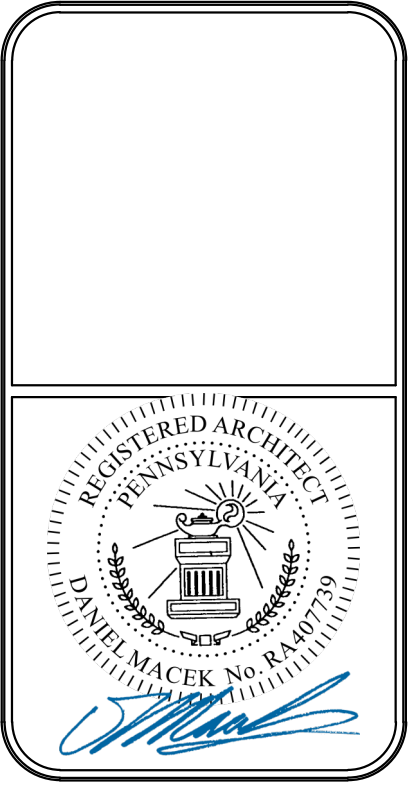
IBC CHAPTER 8: ALTERATIONS - LEVEL 2
SECTION 802.2.1 EXISTING VERTICAL OPENINGS: FIRE RESISTANT RATED CONSTRUCTION IS NOT REQUIRED DUE TO EXCEPTION 3.1, THE ENCLOSURE SHALL NOT BE REQUIRED WHERE CONNECTING THE MAIN FLOOR AND MEZZANINE(S)
802.4 INTERIOR FINISH: INTERIOR FINISH OF WALLS AND CEILINGS IN ANY WORK AREA SHALL COMPLY WITH IBC
802.5 GUARDS: GUARDS SHALL BE PROVIDED WHERE ELEVATION CHANGES EXCEED 30 INCHES
803.2.2 AUTOMATIC SPRINKLER SYSTEMS GROUPS A, B...: NOT REQUIRED; THE WORK AREA IS NOT REQUIRED TO BE PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THE IBC (IBC, SECTION 903 AUTOMATIC SPRINKLER SYSTEMS)
803.4 FIRE ALARM AND NOTIFICATION: THE WORK AREA IS NOT REQUIRED BY BE PROVIDED WITH A MANUAL FIRE ALARM SYSTEM
805.3.2 NUMBER OF EXITS, MEZZANINES: TWO INDEPENDENT MEAN OF EGRESS REQUIRED; TRAVEL DISTANCE TO AN EXIT EXCEEDS 75 FEET
805.7 MEANS-OF-EGRESS LIGHTING: COMPLY WITH IBC
805.8 EXIT SIGNS: COMPLY WITH IBC
807.1 ELECTRICAL, NEW INSTALLATIONS: COMPLY WITH NFPA70
808.1 MECHANICAL, RECONFIGURED OR CONVERTED SPACES: COMPLY WITH IMC
809.1 PLUMBING, MINIMUM FIXTURES: SEE IBC CHAPTER 10, SECTION 1009 BELOW
SECTION 810, ENERGY CONSERVATION: AC

IBC CHAPTER 9: ALTERATIONS - LEVEL 3
SECTION 904, FIRE PROTECTION (SEE ALSO SECTION 803.2):
904.1.4, OTHER REQUIRED AUTOMATIC SPRINKLER SYSTEMS: NOT REQUIRED; THE WORK AREA IS NOT REQUIRED TO BE PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THE IBC (IBC, SECTION 903 AUTOMATIC SPRINKLER SYSTEMS)
904.2 FIRE ALARM AND DETECTION SYSTEMS: NOT REQUIRED; FIRE ALARM AND DETECTION SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 907 OF THE IBC; THE WORK AREA IS NOT REQUIRED TO BE PROVIDED WITH A MANUAL FIRE ALARM SYSTEM; THE OCCUPANT LOAD OF ALL FLOORS IS LESS THAN 500 AND THE OCCUPANT LOAD ABOVE THE LOWEST LEVEL OF EXIST DISCHARGE IS LESS THAN 100 (IBC, SECTION 907.2.2)
SECTION 905, MEANS OF EGRESS (SEE ALSO SECTION 805):
905.2 MEANS-OF-EGRESS LIGHTING: PROVIDE WITH ARTIFICIAL LIGHTING WITHIN THE EXIT ENCLOSURE
905.3 EXIT SIGNS: PROVIDE WITH EXIT SIGNS IN ACCORDANCE WITH IBC
SECTION 906, STRUCTURAL: NO WORK INVOLVES SUBSTANTIAL STRUCTURAL ALTERATIONS
SECTION 907, ENERGY CONSERVATION: ALTERATIONS TO EXISTING BUILDINGS ARE PERMITTED WITHOUT REQUIRING ENTIRE BUILDING TO COMPLY WITH THE ENERGY REQUIREMENTS OF IECC; ALTERATIONS SHALL CONFORM TO IECC AS THEY RELATE TO NEW CONSTRUCTION

IBC CHAPTER 10: CHANGE OF OCCUPANCY
PREVIOUS OCCUPANCY CONSISTEN WITH OCCUPANCY CLASSIFICATION F-1
1009.1, PLUMBING, INCREASED DEMAND: NEW OCCUPANCY IS SUBJECT TO INCREASED/DIFFERENT PLUMBING FIXTURE REQUIREMENTS
PREVIOUS OCCUPANCY:
GROUP B TOTAL OCCUPANTS = 36 (18 MEN & 18 WOMEN)
WCS: MEN = 2
WOMEN = 2
LAV: MEN = 1
WOMEN = 1
DRINKING FOUNTAIN = 1
GROUP F-1 TOTAL OCCUPANTS = 155 (78 MEN & 78 WOMEN)
WCS: MEN = 1
WOMEN = 1
LAV: MEN = 1
WOMEN = 1
DRINKING FOUNTAIN = 1
PREVIOUS REQUIRED FIXTURE COUNT:
WCS: MEN = 3
WOMEN = 3
LAV: MEN = 2
WOMEN = 2
DRINKING FOUNTAIN = 2
SERVICE SINK = 1
CURRENT OCCUPANCY:
GROUP B TOTAL OCCUPANTS = 139 (70 MEN & 70 WOMEN)
WCS: MEN = 4
WOMEN = 4
LAV: MEN = 3
WOMEN = 3
DRINKING FOUNTAIN = 2
SERVICE SINK = 1
1011.2.1, FIRE PROTECTION SYSTEMS: NOT REQUIRED; NEW GROUP B IS NOT REQUIRED TO BE PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THE IBC (IBC, SECTION 903 AUTOMATIC SPRINKLER SYSTEMS)
1011.2.2, FIRE ALARM AND DETECTION SYSTEMS: NOT REQUIRED; NEW GROUP B IS NOT REQUIRED TO BE PROVIDED WITH A MANUAL FIRE ALARM SYSTEM; THE OCCUPANT LOAD OF ALL FLOORS IS LESS THAN 500 AND THE OCCUPANT LOAD ABOVE THE LOWEST LEVEL OF EXIST DISCHARGE IS LESS THAN 100 (IBC, SECTION 907.2.2)
SECTION 1011.3, INTERIOR FINISH: COMPLY WITH REQUIREMENTS OF IBC
SECTION 1011.4.2, MEANS OF EGRESS FOR CHANGE OF USE TO AN EQUAL OR LOWER HAZARD CATEGORY: COMPLY WITH IBC SECTION 905
SECTION 1011.6.2, EXTERIOR WALL BATTING FOR CHANGE OF OCCUPANCY CLASSIFICATION TO AN EQUAL OR LESSER HAZARD CATEGORY: EXISTING EXTERIOR WALLS, INCLUDING OPENINGS, SHALL BE ACCEPTED
SECTION 1011.6.3, OPENING PROTECTIVES: EXCEPTION GROUP B IS A LESSER HAZARD THAN GROUP F-1, EXTERIOR OPENING PROTECTIVES ARE NOT REQUIRED

GENERAL NOTES:

- A. ALL CONSTRUCTION WORK SHALL CONFORM WITH THE APPLICABLE CODES AND ORDINANCES OF THE AUTHORITY(IES) HAVING JURISDICTION. THE CONTRACTOR(S) SHALL POST NOTICES AND COMPLY WITH THE GOVERNING LAWS OF THE JURISDICTION. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AS REQUIRED BY ALL APPLICABLE CODES AND AUTHORITIES, HAVING JURISDICTION.
- B. THE WORK SHALL BE PROPERLY SUPERVISED BY THE CONTRACTORS JOB SITE SUPERINTENDENT. SUFFICIENT PERSONNEL SHALL BE EMPLOYED TO COMPLETE THE WORK WITHIN THE CONTRACT TIME. PERSONNEL SHALL BE SKILLED IN THE TASK(S) ASSIGNED.
- C. THE CONTRACTOR(S) SHALL AT ALL TIMES MAINTAIN ADEQUATE PROTECTION TO SAFEGUARD THE PUBLIC AND ALL PERSONS ENGAGED IN THE PERFORMANCE OF WORK. CONTRACTORS SHALL TAKE PRECAUTIONARY MEASURES TO ENSURE THE SAFETY OF THE PUBLIC ON AND SURROUNDING THE SITE DURING ALL CONSTRUCTION ACTIVITIES.
- D. THE CONTRACTOR(S) SHALL VISIT THE SITE(S) TO PERSONALLY ASCERTAIN THE NATURE OF THE WORK INVOLVED AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE SITE(S) PRIOR TO THE SUBMISSION OF A BID. THE CONTRACTOR(S) IS/ARE RESPONSIBLE FOR BECOMING FAMILIAR WITH THE EXISTING CONDITIONS. ALL DISCREPANCIES FOUND SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE SUBMISSION OF A BID.
- E. THE CONTRACTOR(S) SHALL VERIFY ALL LINES, LEVELS AND DIMENSIONS INDICATED ON THE DRAWINGS AND SHALL REPORT ALL INCONSISTENCIES TO THE ARCHITECT BEFORE STARTING WORK. RE-CHECK DIMENSIONS PRIOR TO ORDERING MANUFACTURED AND FABRICATED ITEMS. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR ON THE SITE; CONTRACTOR(S) IS/ARE RESPONSIBLE FOR PROPER FIT OF ALL WORK. THE DRAWINGS ARE DIAGRAMMATIC; CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS AT THE SITE PRIOR TO ANY INSTALLATION.
- F. PROTECT ALL UTILITY LINES DURING CONSTRUCTION, WHETHER SPECIFICALLY SHOWN ON THE DRAWINGS OR NOT. CONTRACTOR(S) SHALL VERIFY THE LOCATION(S) AND, WHERE NECESSARY, THE DEPTH OR HEIGHT OF ALL UTILITIES, REGARDLESS OF OWNERSHIP OF UTILITIES, PUBLIC OR PRIVATE, PRIOR TO CONSTRUCTION. CONTRACTOR(S) SHALL ANTICIPATE ALL WORK REQUIRED AND INCLUDE THESE ITEMS AS PART OF THEIR BASE BID. CONTRACTOR(S) SHALL TAKE ALL NECESSARY PRECAUTIONS AND SAFETY MEASURES IN AND AROUND EXISTING UTILITIES, INCLUDING LOCATING THE EXISTING UTILITIES, BURIED AND ABOVE GROUND, IN AND AROUND ALL NEW CONSTRUCTION; SUPPORT ANY EXPOSED UTILITIES FOUND OR UNCOVERED DURING THE COURSE OF CONSTRUCTION; IN THE EVENT UTILITIES ARE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE SHALL REPAIR ANY AND ALL DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO THE EXISTING UTILITIES IN A MANNER CONSISTENT WITH ALL PERTINENT FEDERAL, STATE AND LOCAL CODES, ORDINANCES, REGULATIONS, ETC., INCLUDING ALL UTILITY REGULATIONS GOVERNING THE DAMAGED UTILITY/SERVICE; ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- G. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR THE INFORMATION FOUND WITHIN ALL CONTRACT DOCUMENTS, IN SO FAR AS SUCH INFORMATION PERTAINS TO THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO ALL DRAWINGS, DRAWING SHEETS, SPECIFICATIONS, ETC.; WHERE ARCHITECTURAL, PLUMBING, MECHANICAL, ELECTRICAL, ETC., DRAWINGS INDICATE WORK TO BE COMPLETED, WHETHER PROVIDED, FURNISHED OR INSTALLED, BY A CONTRACTOR, THE PRESCRIBED CONTRACTOR SHALL BE RESPONSIBLE FOR THAT WORK; RESPONSIBILITY SHALL EXTEND TO APPLICABLE GENERAL NOTES, SPECIFIC NOTATIONS, SCHEDULES, ETC.
- H. ALL AREAS DISTURBED DUE TO CONTRACTOR ACTIVITIES DURING CONSTRUCTION, SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION/APPEARANCE.
- I. THE CONTRACTOR SHALL NOT BLOCK OR DELAY ANY PUBLIC ROAD OR ACCESS DRIVE TO THE SITE AND SHALL MAINTAIN ACCESS AND SERVICES TO ALL OWNERS FACILITIES AND UTILITIES AT ALL TIMES.
- J. SEALANTS SHALL BE PROVIDED AT ALL JOINTS WHERE DIFFERENT MATERIALS ABUT.
- K. INFORMATION FOR THESE DOCUMENTS HAS BEEN GATHERED FROM AVAILABLE SOURCES. THERE IS NO INTENT TO GUARANTEE THE ACCURACY AND COMPLETENESS OF THIS INFORMATION. CONTRACTOR SHALL INVESTIGATE AND VERIFY ACTUAL CONDITIONS AT THE SITE IN SO FAR AS SUCH INFORMATION AFFECTS INDIVIDUAL CONTRACTS.
- L. CONTRACTOR SHALL COORDINATE LOCATION OF STAGING/STORAGE AREAS WITH THE OWNER.



BUILDING LIFE SAFETY PLANS, AND CODE SUMMARY, AND GENERAL NOTES

D-BAT ALTERATIONS
3200 INDUSTRIAL BOULEVARD
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REVISIONS	
Revision Number	Revision Date
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DATE 6/17/2022	
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JOB NO. 2172	
SHEET NO. A001	

ACCESSIBILITY REQUIREMENTS AND MOUNTING HEIGHTS

<p>Spout outlets of wheelchair accessible drinking fountains shall be 36 inches maximum above the finish floor. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the floor.</p> <p>Water Flow: The spout shall provide a flow of water 4 inches high minimum and shall be located 5 inches maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 30 degrees maximum. Where spouts are located between 3 inches and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.</p> <p>Knee and Toe Clearance shall comply as indicated.</p> <p>(A) PLAN (B) ELEVATION</p>	<p>Water Closet type shall be vented with plumbing fixture schedule. Controls for flush valves shall be mounted on the wide (open) side of the water closet no more than 44 inches above finished floor.</p> <p>SIDE WALL GRAB BARS BY GC FOR WATER CLOSETS BY PC REAR WALL GRAB BAR BY GC FOR WATER CLOSETS BY PC</p>
<p>DRINKING FOUNTAIN SPOUT LOCATION BY PC</p> <p>(A) PROTRUDING DISPENSER BELOW GRAB BAR (B) PROTRUDING DISPENSER ABOVE GRAB BAR (C) RECESSED DISPENSER</p>	<p>Water Closet type shall be vented with plumbing fixture schedule. Controls for flush valves shall be mounted on the wide (open) side of the water closet no more than 44 inches above finished floor.</p> <p>(A) WALL HUNG TYPE (B) STALL TYPE</p> <p>Water Closet type shall be vented with plumbing fixture schedule. Controls for flush valves shall be mounted on the wide (open) side of the water closet no more than 44 inches above finished floor.</p> <p>(A) WHEELCHAIR ACCESSIBLE WATER CLOSETS (B) AMBULATORY ACCESSIBLE WATER CLOSETS</p>
<p>DISPENSER BY GC - OUTLET LOCATION (ADULT)</p> <p>Water Closet type shall be verified with plumbing fixture schedule. Controls for flush valves shall be mounted on the wide (open) side of the water closet no more than 44 inches above finished floor.</p> <p>Faucet shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operating parts shall be 5.0 pounds maximum. Water supply and drain pipes under lavatories and sinks shall be insulated. There shall be no sharp or abrasive surfaces under lavatories and sinks. Toe and knee clearances shall be provided.</p> <p>(A) ELEVATION (B) PLAN</p>	<p>HEIGHT AND DEPTH OF URINALS</p> <p>A KNEE CLEARANCE OF 24 INCHES MINIMUM ABOVE THE FLOOR SHALL BE PERMITTED AT LAVATORIES AND SINKS USED PRIMARILY BY CHILDREN AGES 6 THROUGH 12 WHERE THE RIM OR COUNTER SURFACE IS 31 INCHES MAXIMUM ABOVE THE FLOOR.</p> <p>(A) ELEVATION (B) PLAN</p>
<p>WATER CLOSET BY PC - HEIGHT</p> <p>(A) ELEVATION</p>	<p>KNEE CLEARANCE AT BUILDING ELEMENTS</p> <p>DESIGNATION "FE" REQUIRES EXTINGUISHER AND MOUNTING HOOK ONLY. ALL OTHERS SHALL REQUIRE CABINET IN ADDITION TO ABOVE (MAY BE INDICATED AS "FEC")</p> <p>(A) ELEVATION (B) PLAN</p>
<p>TOE CLEARANCE AT BUILDING ELEMENTS</p>	<p>SIGNAGE BY GC (UNO) LOCATION OF TACTILE SIGNS AT DOORS</p>
<p>HEIGHT OF RAISED CHARACTERS ABOVE FLOOR</p>	<p>TYPICAL TOP HANDRAIL EXTENSIONS AT STAIRS</p>
<p>TYPICAL TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMP</p> <p>(A) STAIRS (B) RAMPS</p>	<p>TYPICAL RAMP WITH GUARD</p>
<p>TYPICAL HANDRAIL HEIGHT</p>	<p>TYPICAL CIRCULAR HANDRAIL CROSS SECTION</p>

SIGN LEGEND

SIGN A TACTILE AND VISUAL SIGNS BEARING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY, SIMILAR TO THE ONE ABOVE, COMPLYING WITH ICC A 117.1 SHALL BE PROVIDED AT THE PUBLIC TOILET FACILITIES. CHARACTERS SHALL BE MOUNTED 48" MIN. AND 60" MAX ABOVE THE FLOOR (MEASURE THEM FROM THE BASELINE OF THE CHARACTERS).

SIGN B TACTILE EXIT SIGNS, SIMILAR TO THE ONE ABOVE, COMPLYING WITH ICC ANSII 117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE

SIGN C PROVIDE AT ALL EGRESS DOORS.

SIGN D PROVIDE AT TOP AND BOTTOM OF EACH INTERIOR STAIR.

SIGN E

3" = 1'-0"

TYPE A

- 5/8" GDW; EXTEND TO UNDERSIDE OF ROOF DECK.
- 3 5/8" COLD FORMED MTL. STUD @ 16" CTRS.
- 5/8" GDW; STOP 4" ABOVE CLG.

TYPE B

- 3 5/8" COLD FORMED MTL. FRAMING @ 16" CTRS.; BRACE TO STRUCTURE ABOVE
- 1/2" CBU; STOP 4" ABOVE CLG.
- TILE (AT OWNER'S DISCRETION USE FRP).

TYPE C

- 5/8" GDW; STOP 4" ABOVE CLG.
- 1/2" CBU; STOP 4" ABOVE CLG.
- TILE (AT OWNER'S DISCRETION USE FRP).

TYPE D

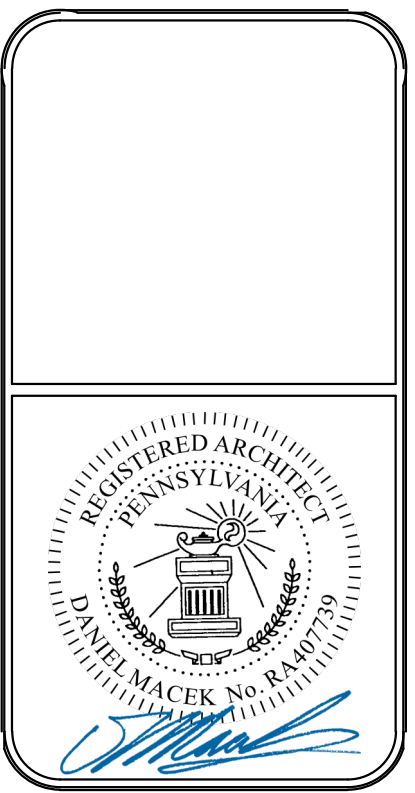
- TILE (AT OWNER'S DISCRETION USE FRP).
- 1/2" CBU; STOP 4" ABOVE CLG.
- 3 5/8" COLD FORMED MTL. FRAMING @ 16" CTRS.; BRACE TO STRUCTURE ABOVE
- 5/8" GDW TO UNDERSIDE OF ROOF DECK.

TYPE E

- EXISTING WALL CONSTRUCTION TO REMAIN
- 1-1/2" COLD FORMED MTL. HAT CHANNEL HORIZONTAL @ 16" CTRS.
- 1/2" CBU; STOP 4" ABOVE CLG.
- TILE (AT OWNER'S DISCRETION USE FRP).

NOTE: WHERE CBU STOPS, PROVIDE 5/8" GDW TO UNDERSIDE OF DECK. NOTE: USE GDW IN LIEU OF CBU IF FRP IS USED.

WALL TYPES
1 1/2" = 1'-0"



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PRINCIPALS: Andrew M. Canzian, P.A., Dan Macken, P.A., Heather Wenzel

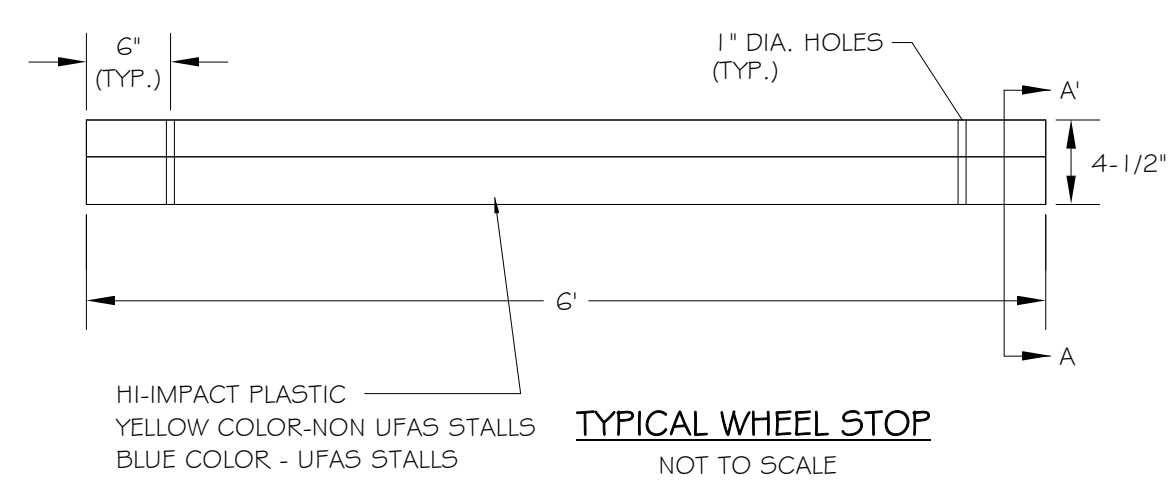
REVISIONS	
Revision Number	Revision Date
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6/17/2022	
DRAWN BY	
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JOB NO.	
2172	
SHEET NO.	
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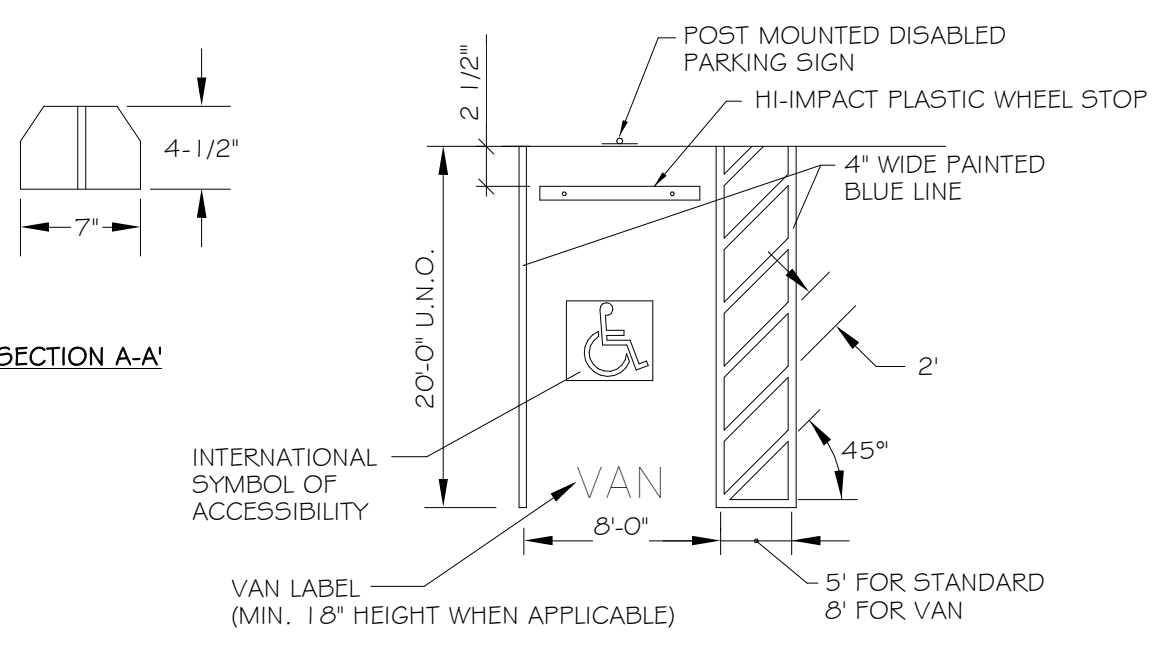
1 Site plan
A003 1" = 30'-0"

NOTE: BACKGROUND IMAGE SCALE IS APPROXIMATE.

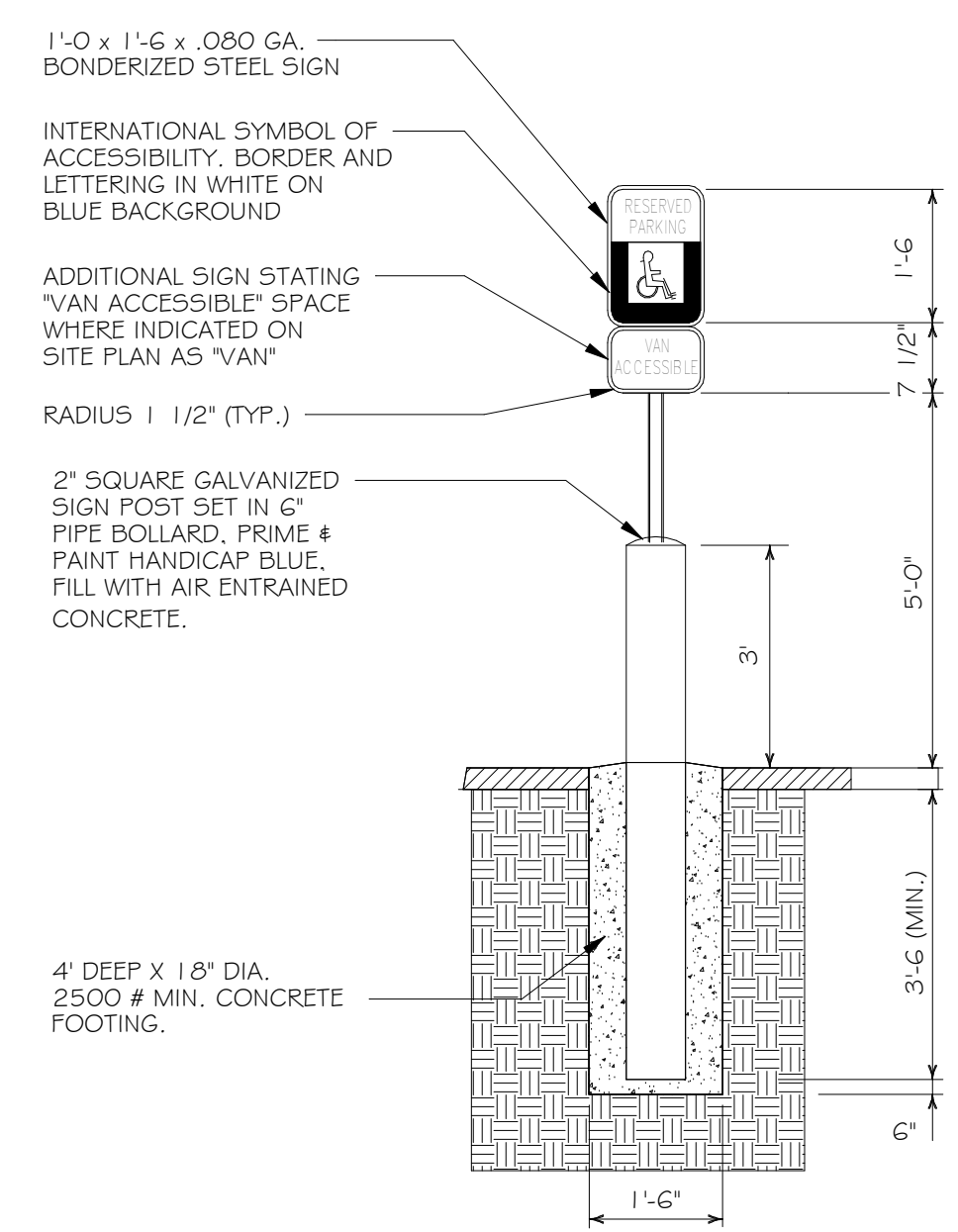
PROPOSED PARKING
TOTAL: 30 SPACES
ACCESSIBLE: 2 SPACES



PRODUCT SPEC. - REFERENCE ROADTECH MANUFACTURING SPEC. DELUXE MODEL
MANUFACTURER INFORMATION IS LOCATED AT: WWW.ROADTECH.COM.
CONTRACTOR CAN SUBMIT 'AN-EQUAL' PRODUCT



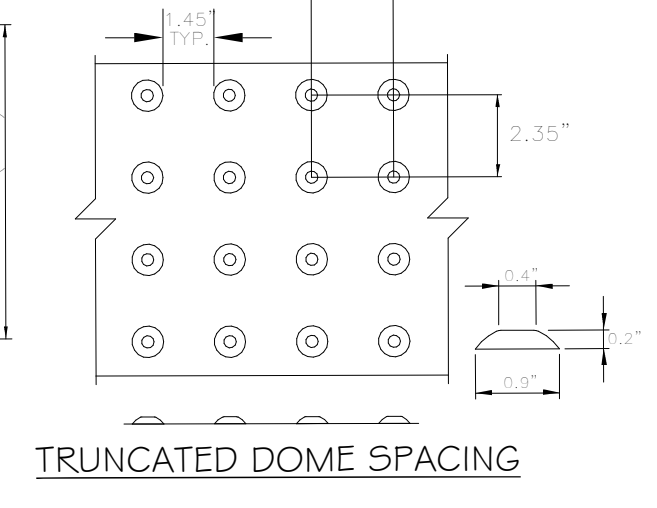
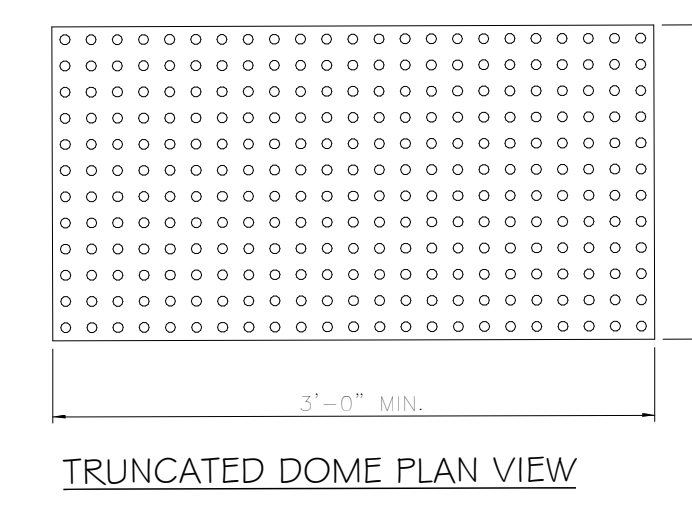
3 ACCESSIBLE PARKING STALL LAYOUT
A003 1" = 1'-0"



NOTES

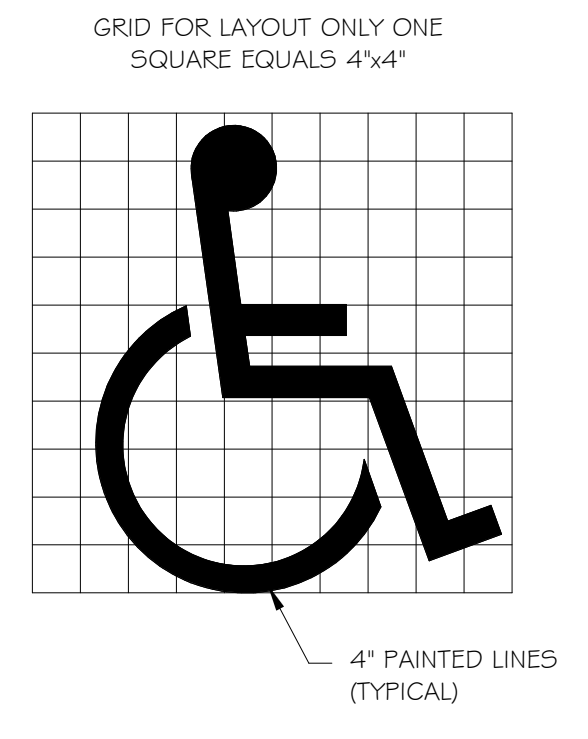
A. PROVIDE (1) SIGN AT EACH HANDICAPPED PARKING SPACE
B. REMOVE THE VAN SIGN FOR THE OTHER ADA ACCESSIBLE STALL; WHERE "VAN" IS NOT INDICATED, PROVIDE MIN. 1 "VAN" SIGN.

4 PARKING SIGN
A003 1/2" = 1'-0"

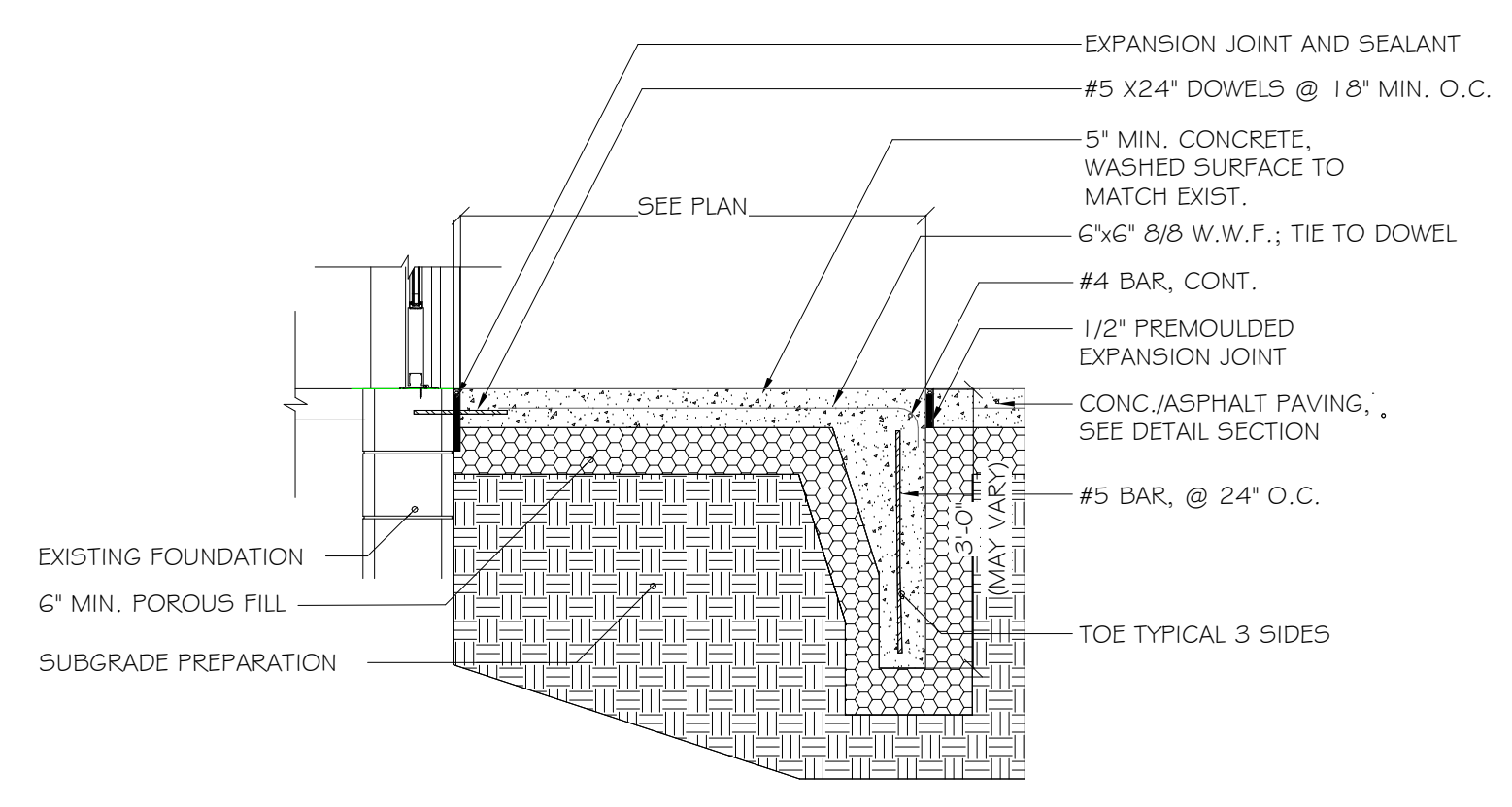


NOTES:

1. DETECTABLE WARNINGS SHALL BE OF THE PAVEMENT OR MAT TYPE WITH ADHESIVE PER MANUFACTURERS SPECIFICATIONS.
2. WIDTH OF DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 4 FEET AND VARY WITH WIDTH OF RAMP.
3. LENGTH OF DETECTABLE WARNING AREA SHALL BE 2 FEET REGARDLESS OF SECTION WIDTH.
4. DETECTABLE WARNING AREA CAN BE SQUARE WHERE USED IN A CURB RADIUS.
5. DETECTABLE WARNING DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
6. DETECTABLE WARNING AREA SHALL BE COLORED BRIGHT YELLOW.
7. IF MATS ARE TO BE USED, EDGES SHALL BE BEVELED TO ELIMINATE TRIP HAZARD.
8. ACCEPTABLE MANUFACTURERS INCLUDE: STRONGWELL INDUSTRIES, VANGUARD ADA PRODUCTS AND COTE-L INDUSTRIES, INC.



5 TACTILE WARNING STRIP
A003 1" = 1'-0"



7 FROST WALL ENTRY SLAB
A003 1/2" = 1'-0"

GENERAL SITE NOTES

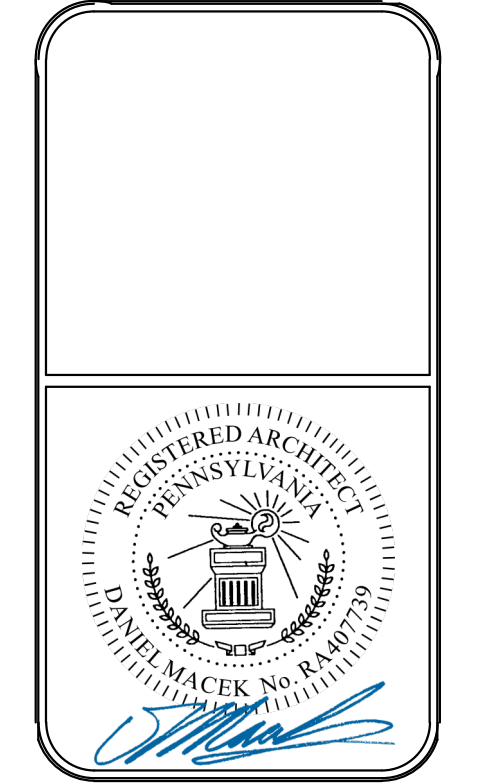
1. NEW CONCRETE WALKS SHALL HAVE A MAXIMUM SLOPE OF 1:20 AND SHALL HAVE A MAXIMUM CROSS-SLOPE OF 1:50 UNLESS NOTED OTHERWISE.
2. UNLESS NOTED OTHERWISE, REINFORCE ALL CONCRETE WALKS, PLATFORMS, STOOPS, ETC. WITH 6x6xW1.4W1.4 MESH.
3. CONTRACTION JOINTS FOR ALL CONCRETE SIDEWALKS UP TO EIGHT FEET (8') WIDE SHALL BE LOCATED SUCH THAT INDIVIDUAL SECTIONS BETWEEN CONTRACTION JOINTS HAVE A LENGTH EQUAL TO THE WIDTH OF THE CONCRETE SIDEWALK UNLESS NOTED OTHERWISE. SAW CUTTING SHALL NOT BE AN ACCEPTABLE MEANS OF PLACING CONTRACTION JOINTS.
4. INSTALL ASPHALT IMPREGNATED PREMOULDED EXPANSION JOINTS IN ALL CONCRETE PAVING AT THE INTERSECTION(S) OF CURBS, STEPS, DIFFERING MATERIALS, ETC., AND/OR AS INDICATED OR DIRECTED BY THE ARCHITECT. PROVIDE SEALANT AT ALL EXPANSION JOINTS. SAW CUTTING SHALL NOT BE AN ACCEPTABLE MEANS OF PROVIDING EXPANSION JOINTS UNLESS DIRECTED BY THE OWNER OR ARCHITECT.

GENERAL SITE NOTES

5. INSTALL ASPHALT IMPREGNATED PREMOULDED EXPANSION JOINT IN NEW CURBS AT 20'-0" INTERVALS MAXIMUM. PROVIDE SEALANT AT ALL EXPANSION JOINTS. SAW CUTTING SHALL NOT BE AN ACCEPTABLE MEANS OF PROVIDING EXPANSION JOINTS UNLESS DIRECTED BY THE OWNER OR ARCHITECT.
6. GENERAL CONTRACTOR SHALL PROTECT ANY TREE OR SHRUB NOT SHOWN TO BE REMOVED WITHIN THE LIMITS OF THE CONTRACT.
7. WHERE EXISTING EARTHWORK REQUIRES CUT AND FILL, USE POROUS SUB-BASE MATERIAL AS FILL MATERIAL TO ESTABLISH NEW GRADE CONTOURS AND ELEVATIONS. PROVIDE COMPACTED LIFTS FOR ALL FILL.
8. WHERE NEW EXTERIOR CONCRETE PAVING AND WALKS OCCUR, CONTRACTOR SHALL REMOVE ALL EXISTING IMPROVEMENTS UNLESS OTHERWISE NOTED.
9. WHERE ADJOINING EXISTING WALKS, PAVING, CURBS ETC. NEW IMPROVEMENTS SHALL ALIGN WITH ALL EXPOSED SURFACES SUCH THAT TRANSITIONS ARE SMOOTH, FLUSH AND EVEN. PROVIDE ALL EXCAVATION/FILL NECESSARY TO ENSURE PROPER INSTALLATION AND SMOOTH TRANSITION.
10. WHERE NEWLY ESTABLISHED PAVING ELEVATIONS AND PROFILES CREATE A DIFFERENCE IN ELEVATION BETWEEN NEW CONCRETE WALKING SURFACE(S) AND EXISTING CONCRETE PAVING WALKING SURFACES TO REMAIN IN EXCESS OF 1/4", PROVIDE NEW TAPERED TRANSITION
11. WHERE NEWLY ESTABLISHED PAVING ELEVATIONS AND PROFILES CREATE A DIFFERENCE IN ELEVATION BETWEEN NEW CONCRETE WALKING SURFACE(S) AND ADJACENT LANDSCAPE, BACKFILL AND FEATHER AS REQUIRED TO MEET EXISTING GRADES
12. THE UNDERGROUND UTILITIES SHOWN HEREON HAVE NOT BEEN PHYSICALLY LOCATED. CJA MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. CJA DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN AND ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE SHOWN AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.
13. CONSTRUCTION NOTES AND TYPICAL MAY ONLY APPEAR ONCE ON THE DRAWINGS, BUT APPLY TO SIMILAR CONDITIONS.
14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN THE EXACT LOCATION, DEPTH, AND SIZE OF THE UTILITIES PRIOR TO CONSTRUCTION AND COORDINATE THE TIE-IN POINTS WITH THE ARCHITECT, MEP, AND THE APPROPRIATE UTILITY COMPANY.
15. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
16. ALL DEMOLISHED MATERIALS SHALL BE PROPERLY DISPOSED OF OFFSITE IN APPROVED DIP LANDFILL.
17. ALL PUBLIC AREAS MUST BE RESTORED TO PRE-EXISTING CONDITIONS. ALL SIDEWALK AND STREET DISTURBANCE MUST BE RESTORED AS PER SPECIFICATIONS AND REGULATIONS.
18. SAWCUT PAVEMENT FULL DEPTH WHERE PAVEMENT IS INDICATED FOR REMOVAL AND WHERE IT ABUTS PAVEMENT TO REMAIN. PAVEMENT REMOVAL INCLUDES SUBBASE MATERIALS



2 SITE DIGITAL IMAGE
A003 1 1/2" = 1'-0"



D-BAT ALTERATIONS
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PRINCIPALS: Andrew M. Canzian, R.A., Dan Maczek, R.A., Heather Wenzel

REVISIONS	
Revision Number	Revision Date

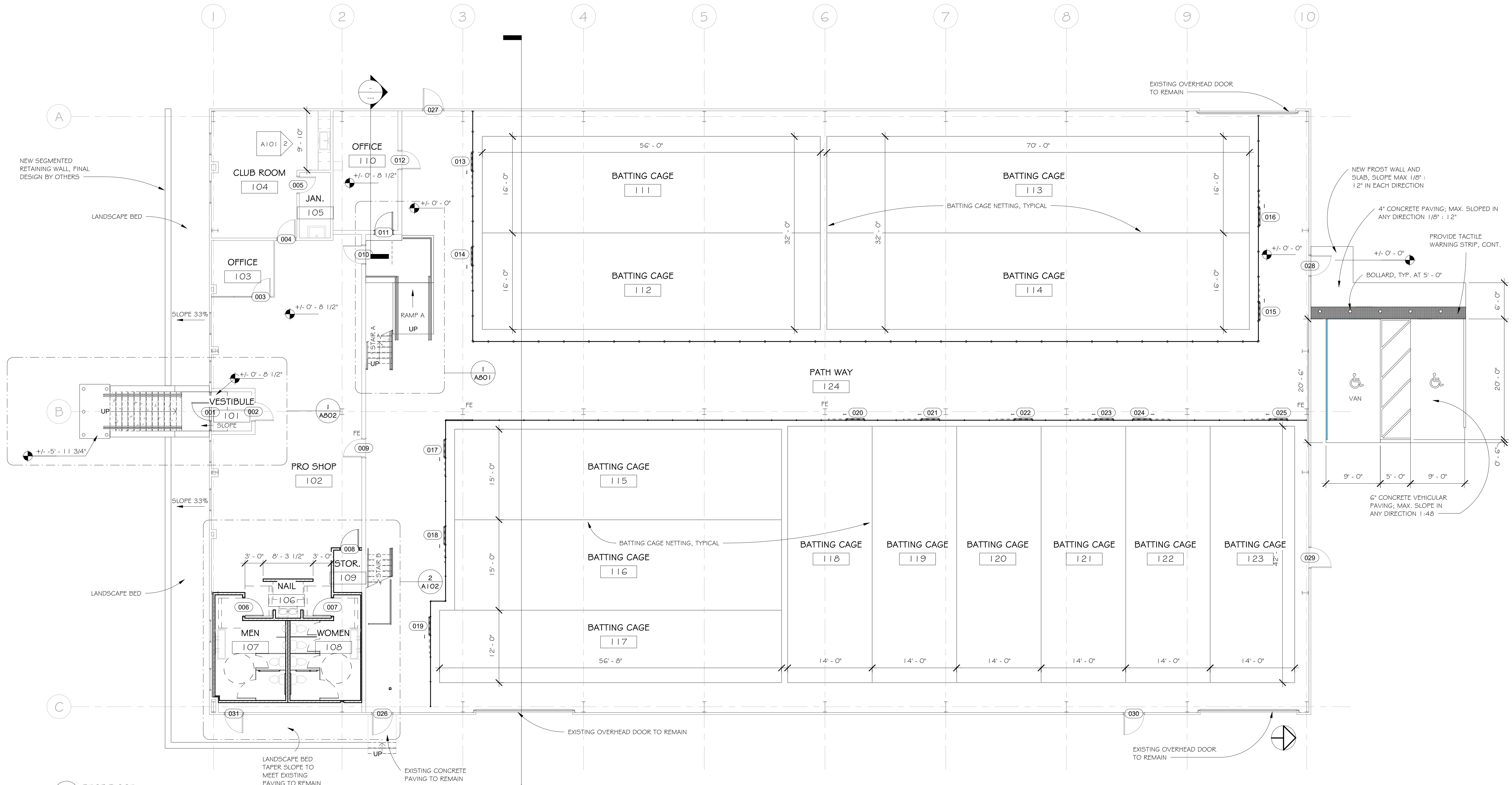
PROJECT STATUS
PLAN DOCUMENTS

DATE
6/17/2022

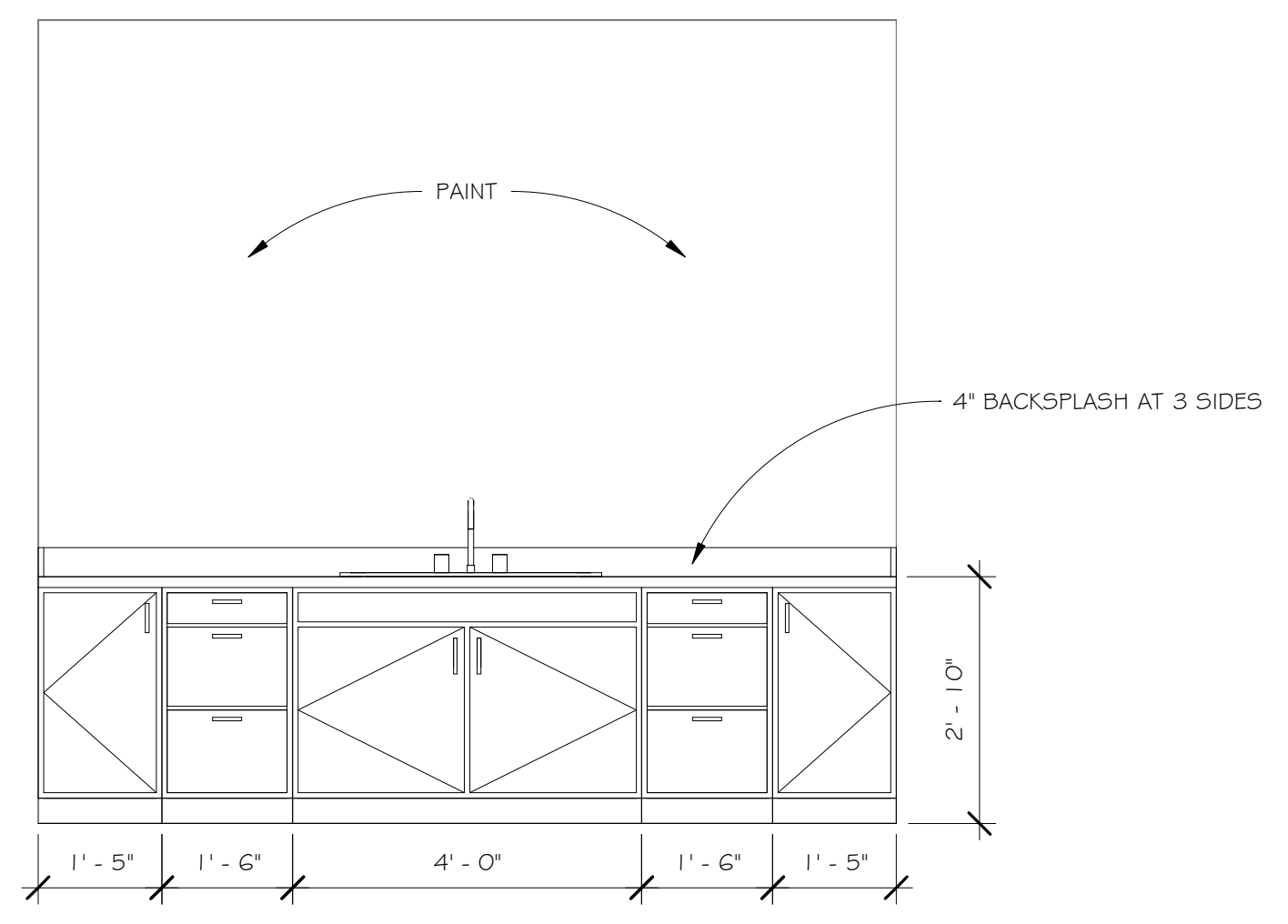
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2172

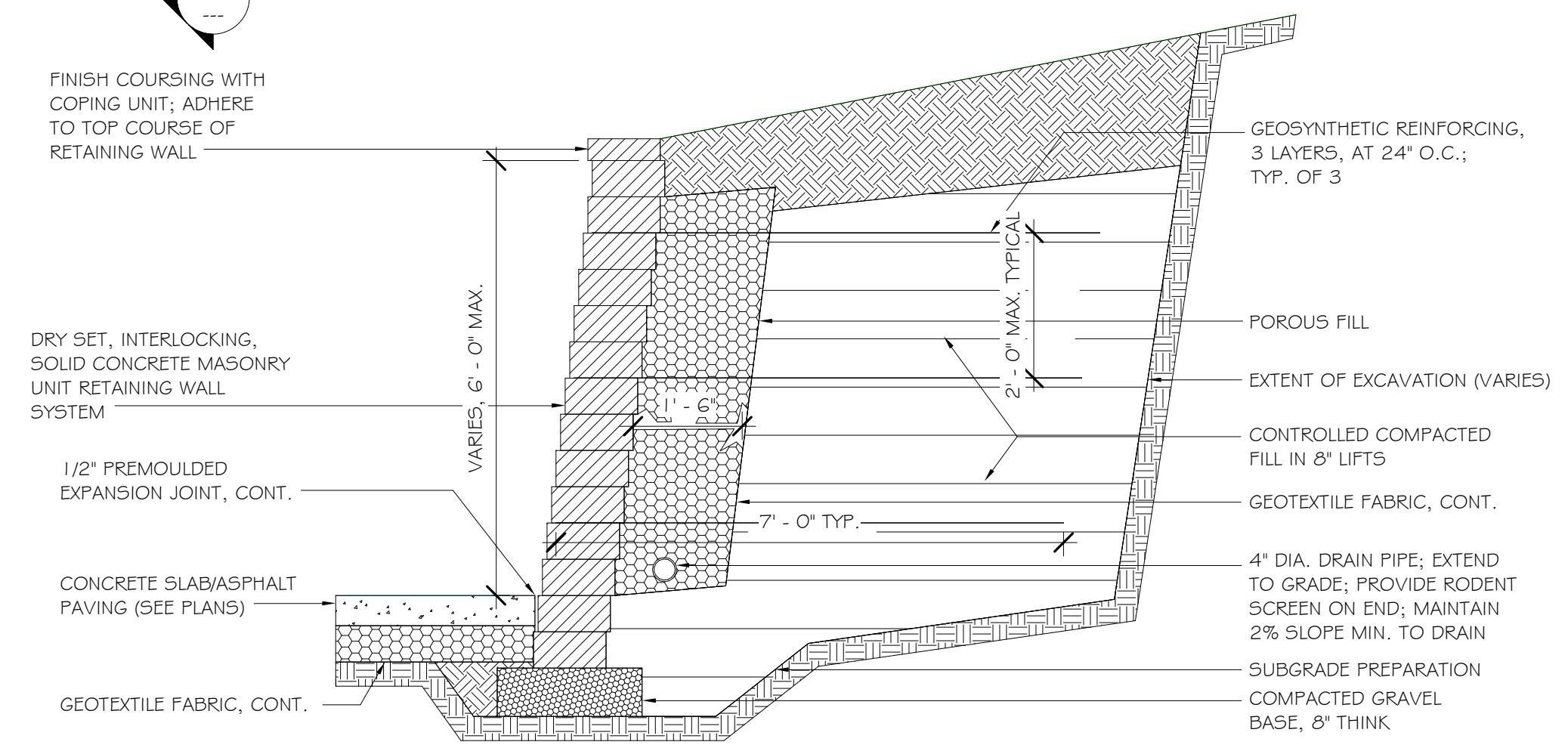
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1 FIRST FLOOR
1/8" = 1'-0"



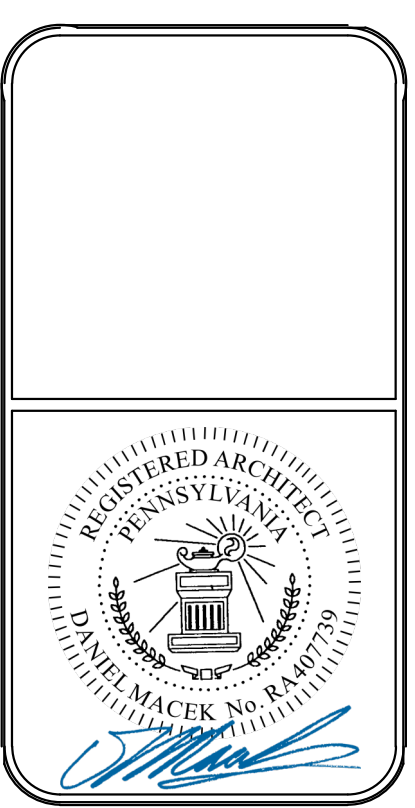
2 KITCHENETTE ELEVATION
1/2" = 1'-0"



3 TYPICAL SEGMENTED RETAINING WALL
1/2" = 1'-0"

GENERAL FLOOR PLAN NOTES

- FLOORING:**
 PRO SHOP: SPECIFIED CARPETS ARE MAINSTREET BY PHILADELPHIA: 1) COLOR CORRELATE GREY # 16505 (COUNTERPART 5481 G AND 2) COLOR COPILOT BLUE # 16400 (COUNTERPART 5481 G), BOTH COLORS GO TOGETHER TO MAKE THE PRO SHOP. DEPENDING ON SIZE, YOU WILL EITHER HAVE 1 OR 2 CARPET TILES OF CORRALTE (GREY) GOING AROUND THE OUTSIDE WALL AND FILL IN THE REMAINING AREA WITH COPLOT (BLUE) TO COMPLETE THE PRO SHOP CARPET. THERE IS ALSO A VCT TILE OPTION FOR THIS AREA: GENTIAN BLUE 51946 & SOFT COOL GRAY 51860.
- OFFICES / LOUNGE:** SPECIFIED CARPET OR VCT TILE FROM ABOVE (solid colors not 2 color with border)
- STORAGE:** SPECIFIED CARPETS FROM ABOVE OR VCT TILE IN COLOR GENTIAN BLUE 51946 OR SOFT COOL GRAY 51860.
- MEN'S / WOMEN'S RESTROOM / PARTY ROOM:** VCT TILE COLOR GENTIAN BLUE 51946
- CAGE AREA WALKWAY -** ARMSTRONG VCT TILE IN 51814 POMEGRANATE RED
- PAINT COLORS:**
 Call or Visit Sherwin Williams and provide our corporate number, 972-398-1000
 Reference Store #: 7591
 Purchase Date: 3/27/2019
 Account #: 255764441
 - ALL OFFICES - D-BAT White (Pro Shop walls = slat wall)
TRAINING/CAGE AREA:
 - UP TO 10'-6" ON ALL WALLS INSIDE THE TRAINING AREA: D-BAT Red
 - 1'-6" STRIPE ON ALL WALLS INSIDE THE TRAINING AREA: D-BAT Gold
 - FROM 12'-0" TO DECK OF STRUCTURE ON ALL WALLS IN TRAINING AREA: D-BAT Green
- CEILING:**
 - OFFICE AREA - 2X2' 2ND LOOK SUSPENDED ACOUSTICAL CEILING TILE SYSTEM - NON-DIRECTIONAL FISSURED PANELS, WHITE, REGULAR EDGE, ARMSTRONG DUNE OR APPROVED EQUAL.
 - CAGE / TRAINING AREA: THE CEILING SHOULD BE SPRAYED WHITE. CONSULT WITH D-BAT CORPORATE IF NOT WHITE CURRENTLY
- CAGE REQUIREMENTS:**
 THERE SHOULD BE A MINIMUM OF 2' CLEARANCE FROM THE TOP OF THE CAGE TO THE LOWEST HANGING POINT - MINIMUM CLEAR HEIGHT 18' FROM FLOOR TO LOWEST HANGING POINT.
- FENCING:**
 8' GREEN POWDER COATED CHAINLINK FENCING WILL BE SUPPLIED BY LOCAL OR D-BAT PREFERRED VENDOR. THE CHAINLINK FENCING WILL BE INSTALLED 1.5 FEET FROM CAGE NETTING AS A BARRIER BETWEEN CAGES AND WALKWAY.



FIRST FLOOR PLAN
 D-BAT ALTERATIONS
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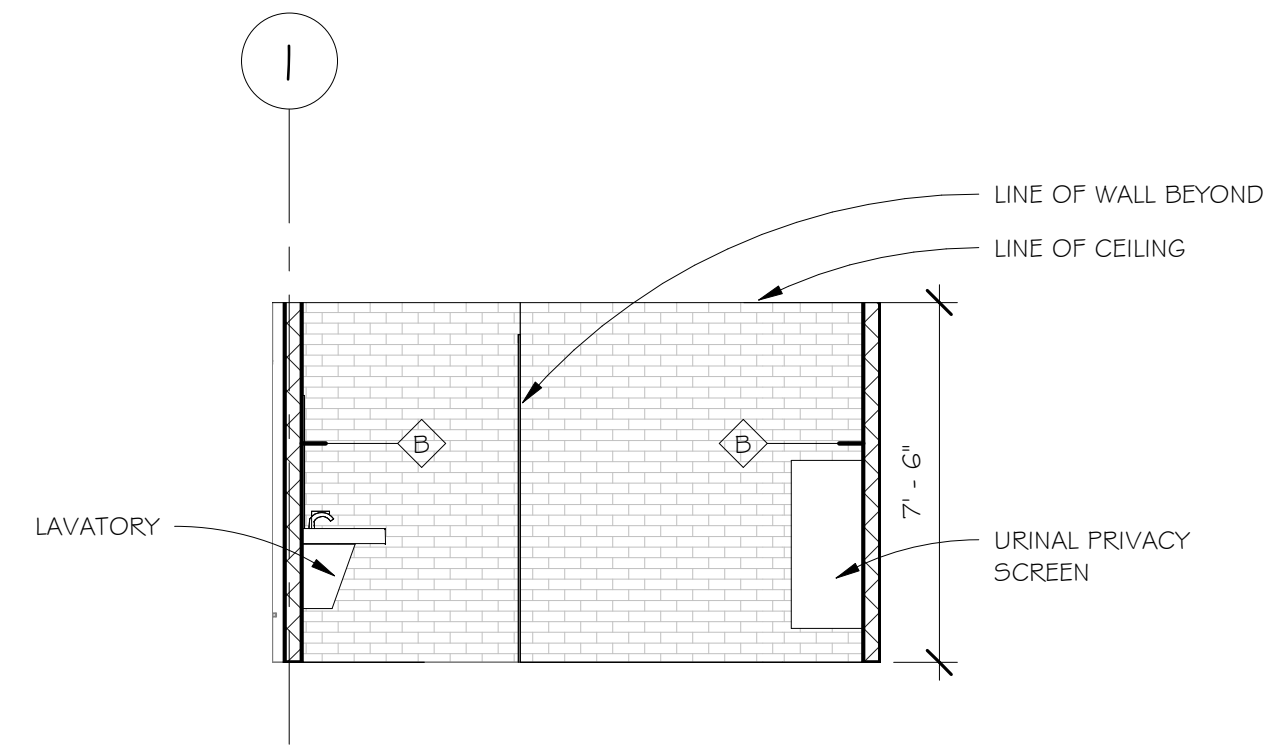
PROJECT STATUS
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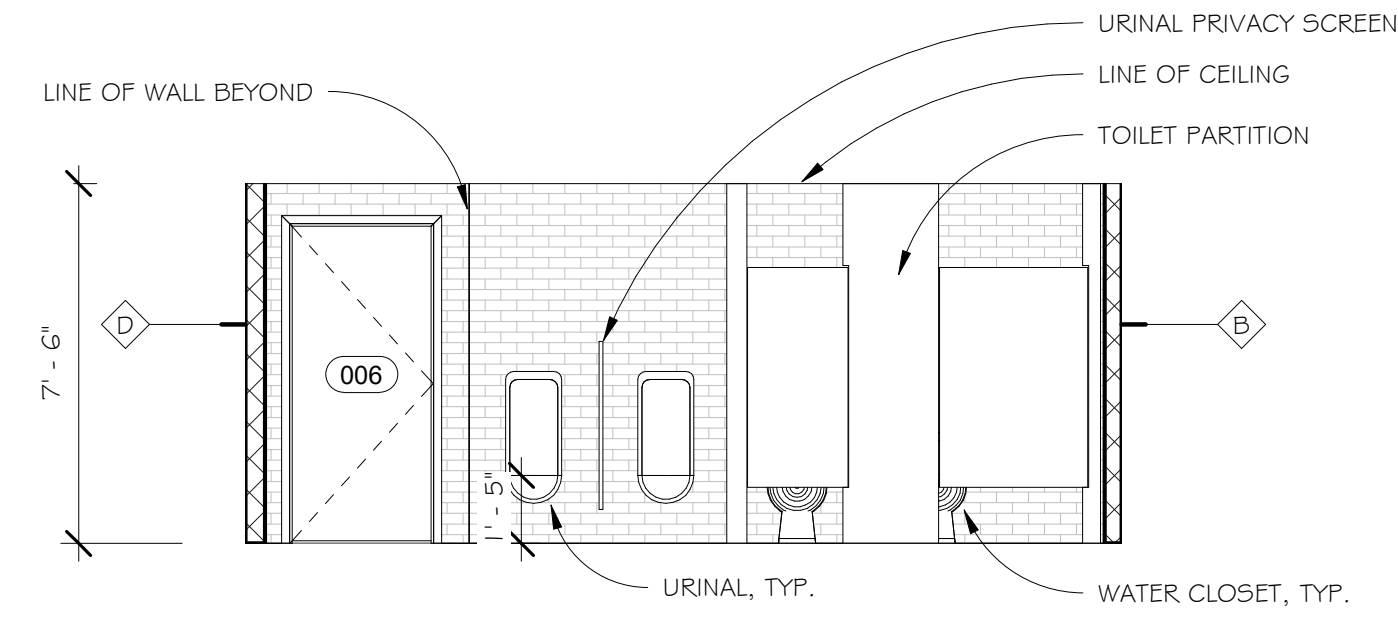
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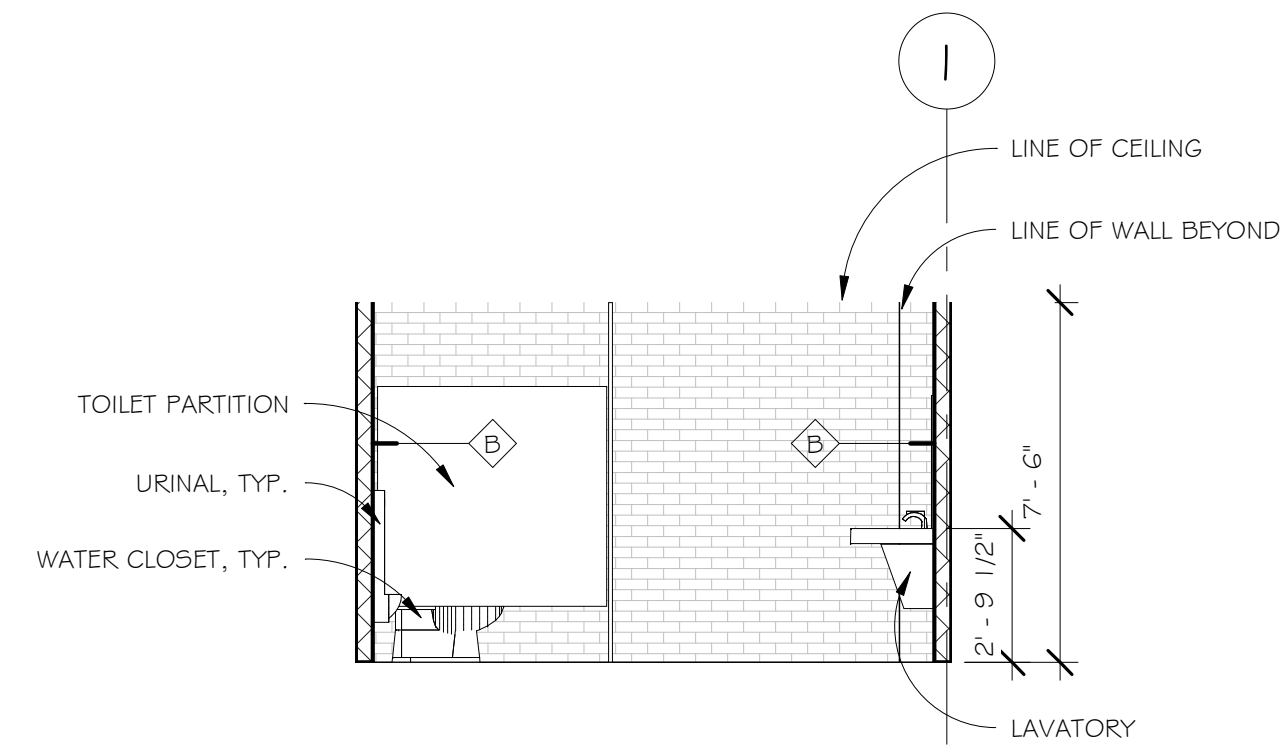
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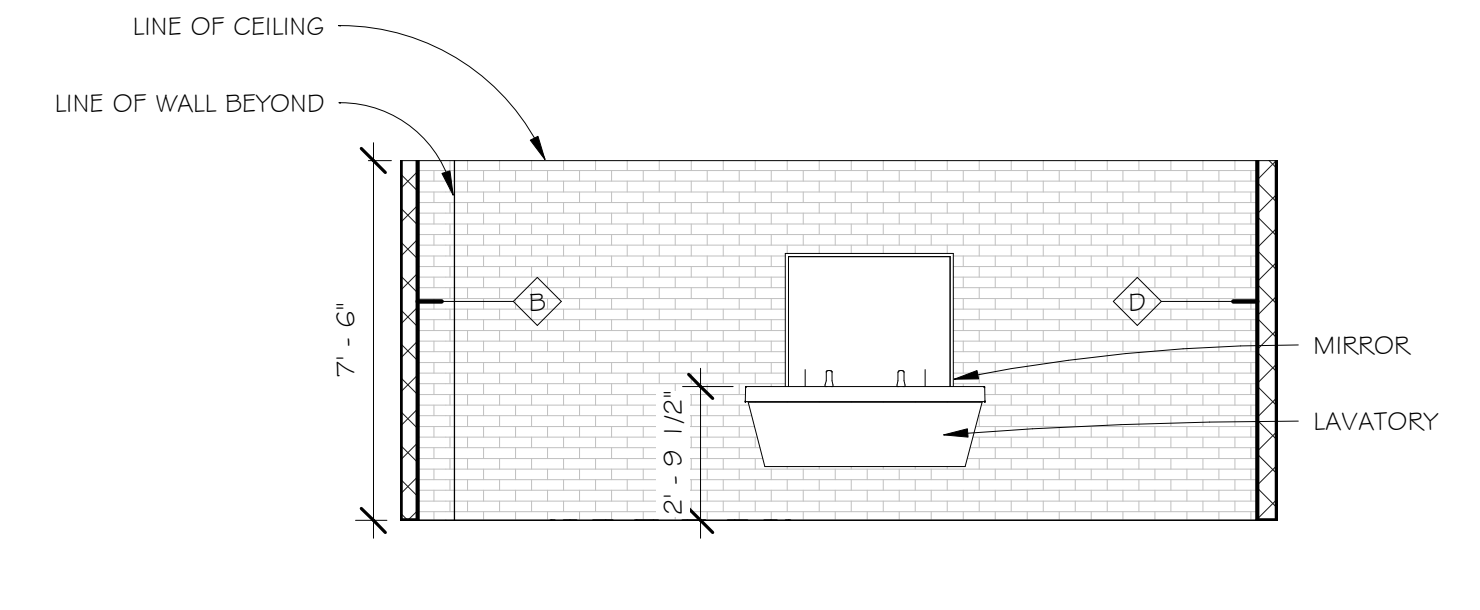
1 MENS - ELEVATION A
A501 1/4" = 1'-0"



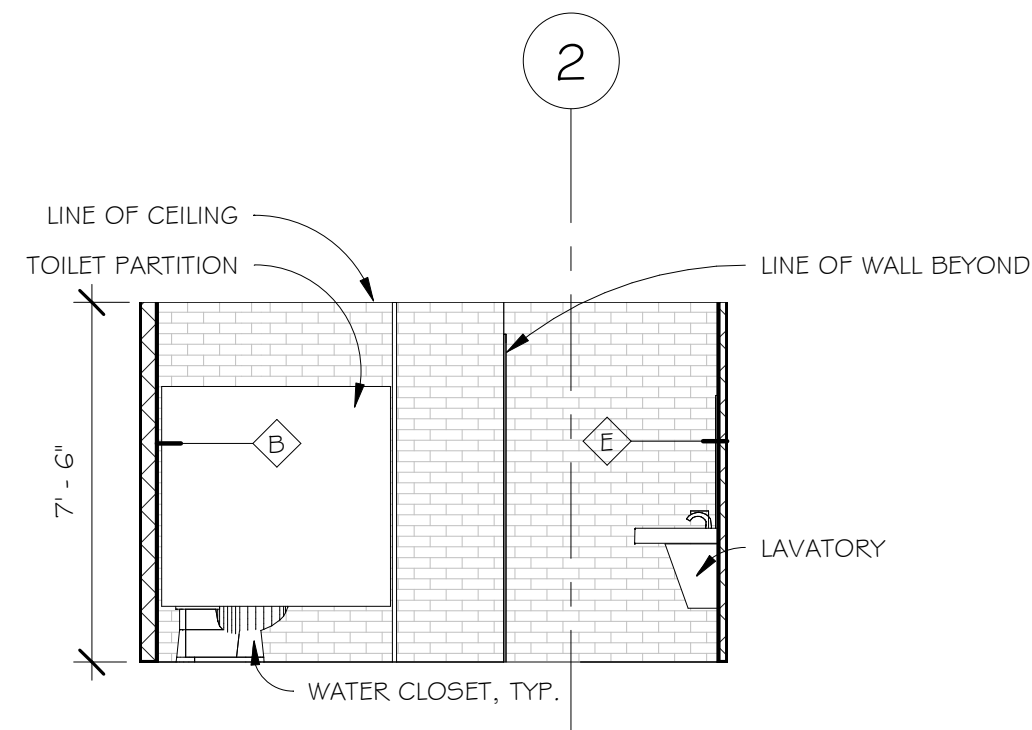
2 MENS - ELEVATION B
A501 1/4" = 1'-0"



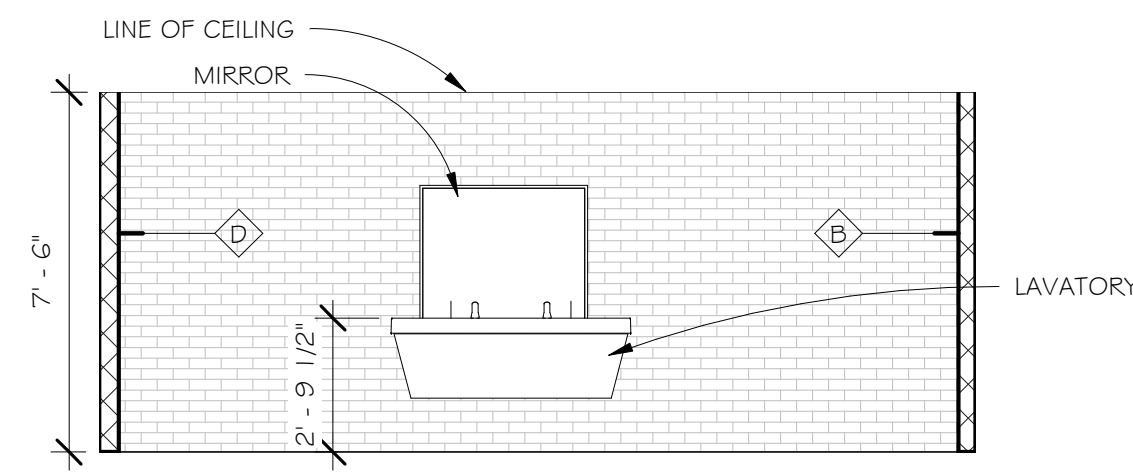
3 MENS - ELEVATION C
A501 1/4" = 1'-0"



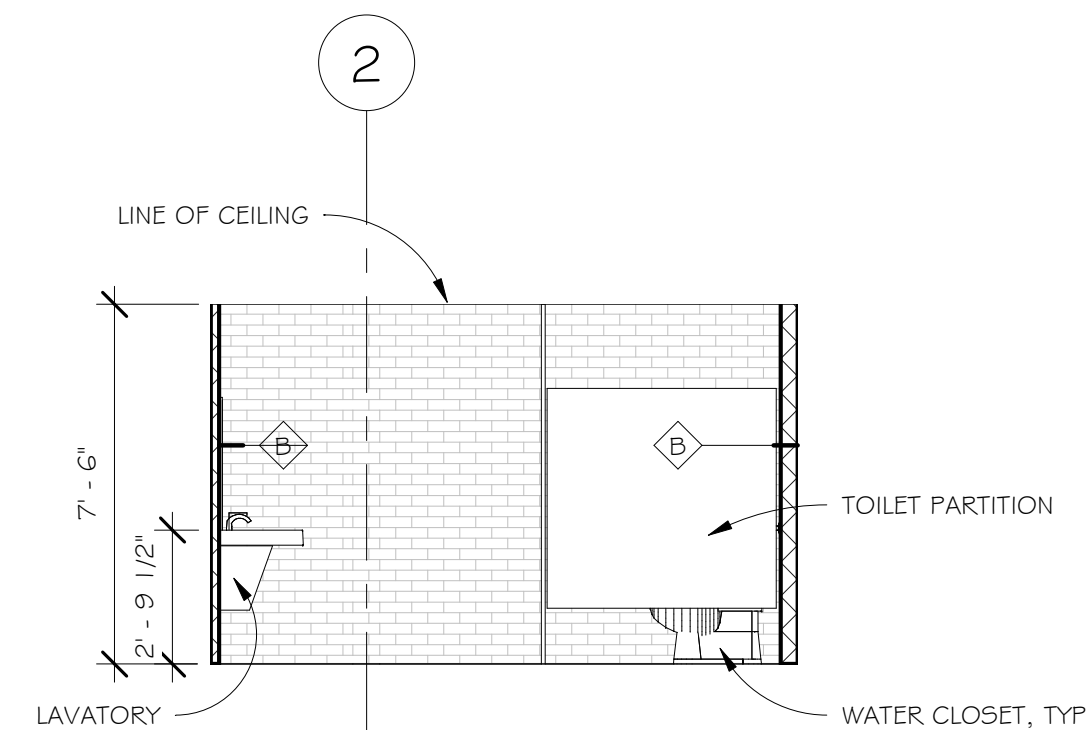
4 MENS - ELEVATION D
A501 1/4" = 1'-0"



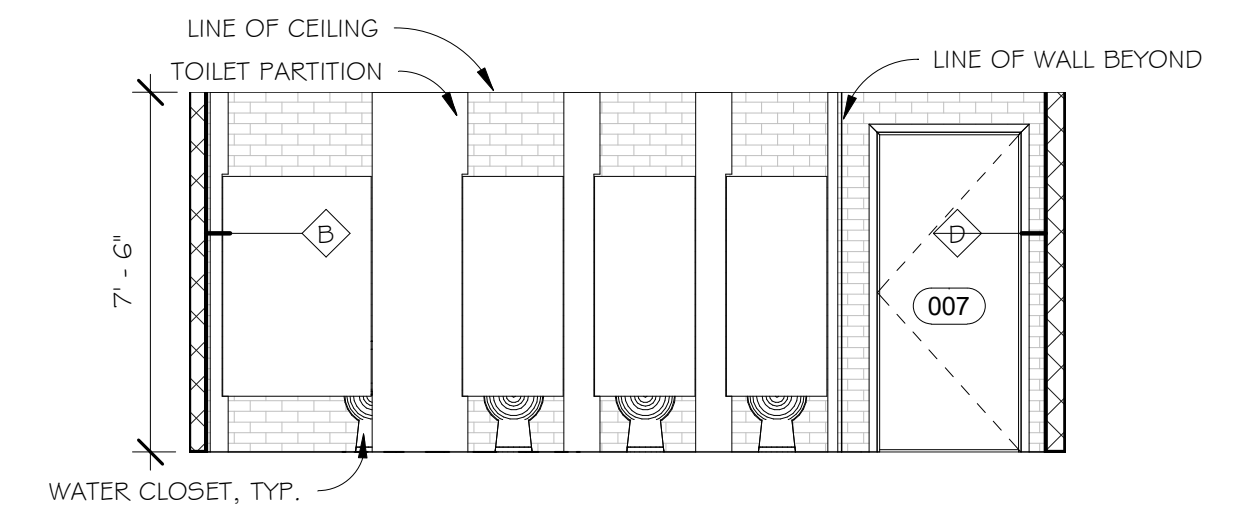
8 WOMENS - ELEVATION A
A501 1/4" = 1'-0"



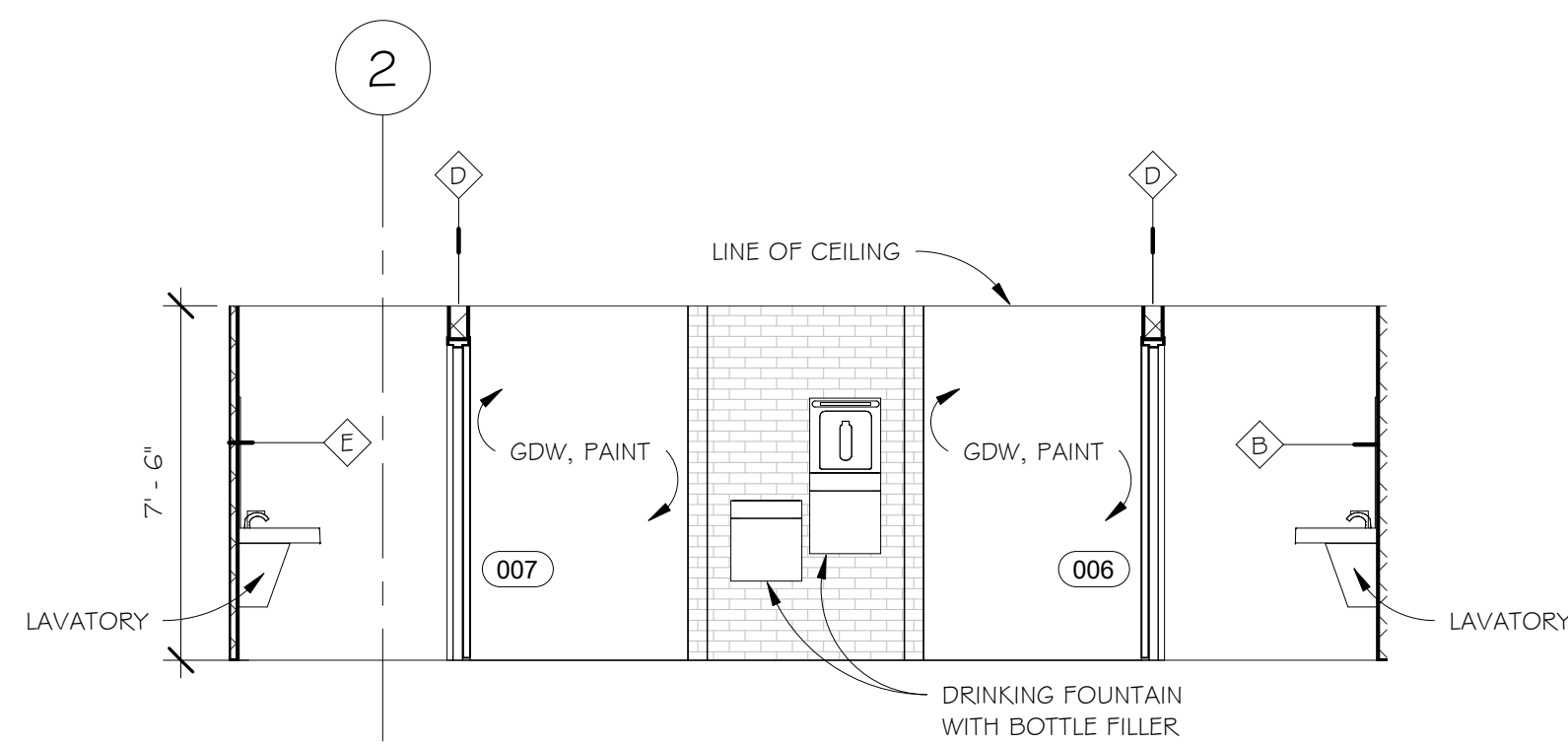
9 WOMENS - ELEVATION B
A501 1/4" = 1'-0"



10 WOMENS - ELEVATION C
A501 1/4" = 1'-0"



11 WOMENS - ELEVATION D
A501 1/4" = 1'-0"



12 VESTIBULE - ELEVATION A
A501 1/4" = 1'-0"



PARTIAL BUILDING ELEVATIONS AND SECTIONS

D-BAT ALTERATIONS
3200 INDUSTRIAL BOULEVARD
SNAPTOBER, LLC

CANZIAN / JOHNSTON & ASSOCIATES, LLC
ARCHITECTS
31 MAIN STREET NEW BRUNSWICK, PENNSYLVANIA 18906 • www.CanJohn.net • Tel: 724.391.0311 Fax: 724.391.4472
PRINCIPALS: Antoni M. Canzian, R.A., Dan Masick, R.A., Heather Wokosier

REVISIONS	
Revision Number	Revision Date

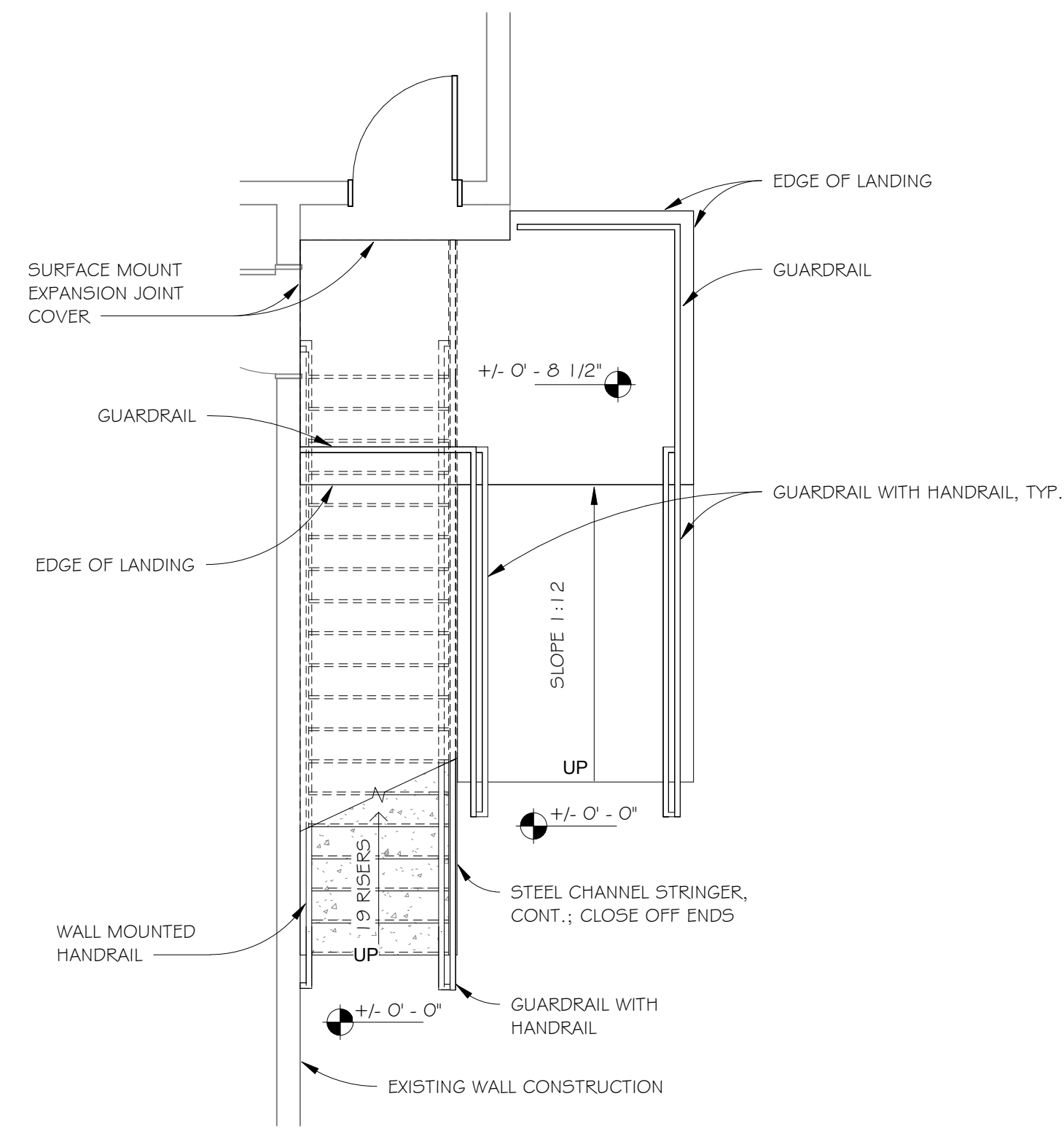
PROJECT STATUS
PLAN DOCUMENTS

DATE
6/17/2022

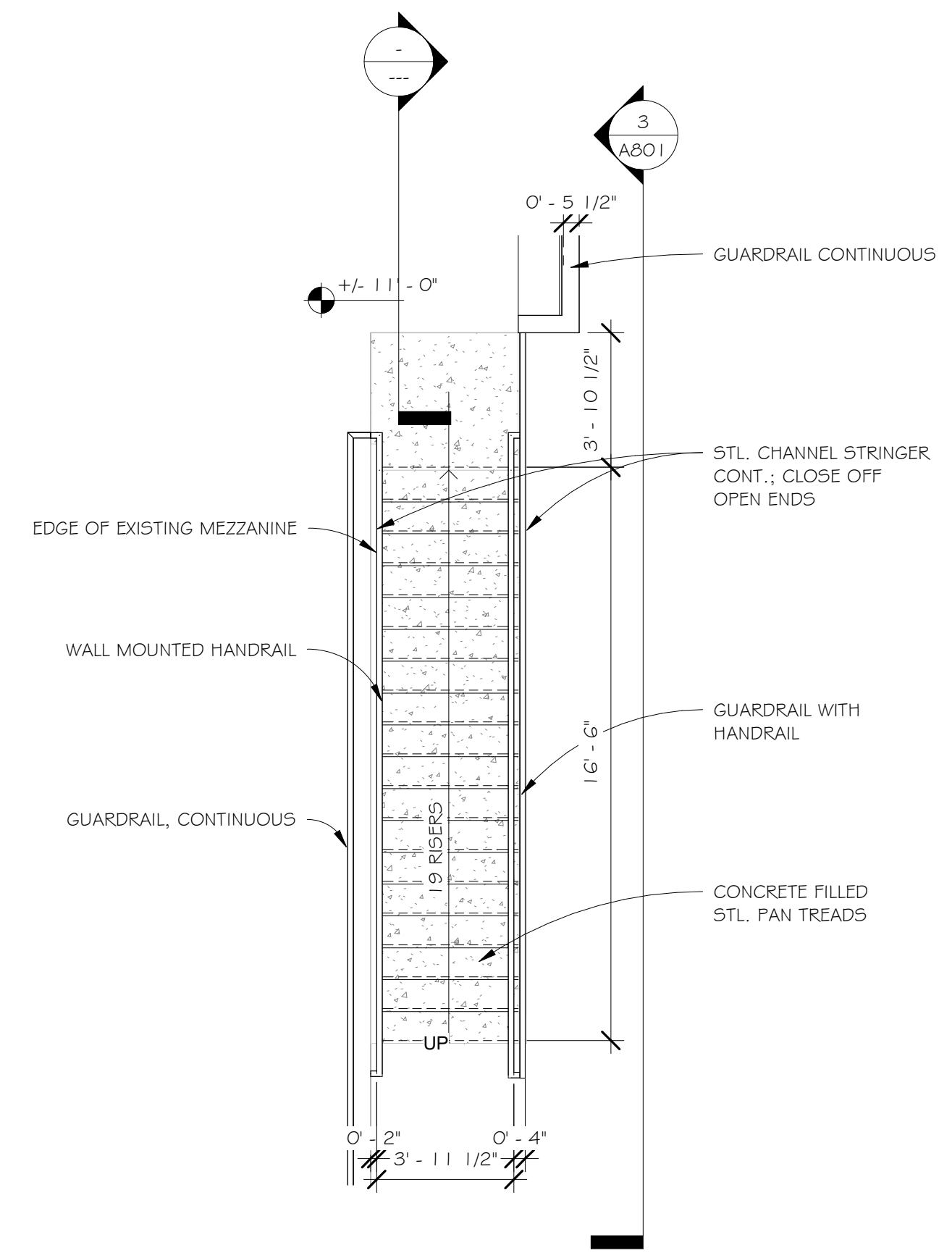
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JOB NO.
2172

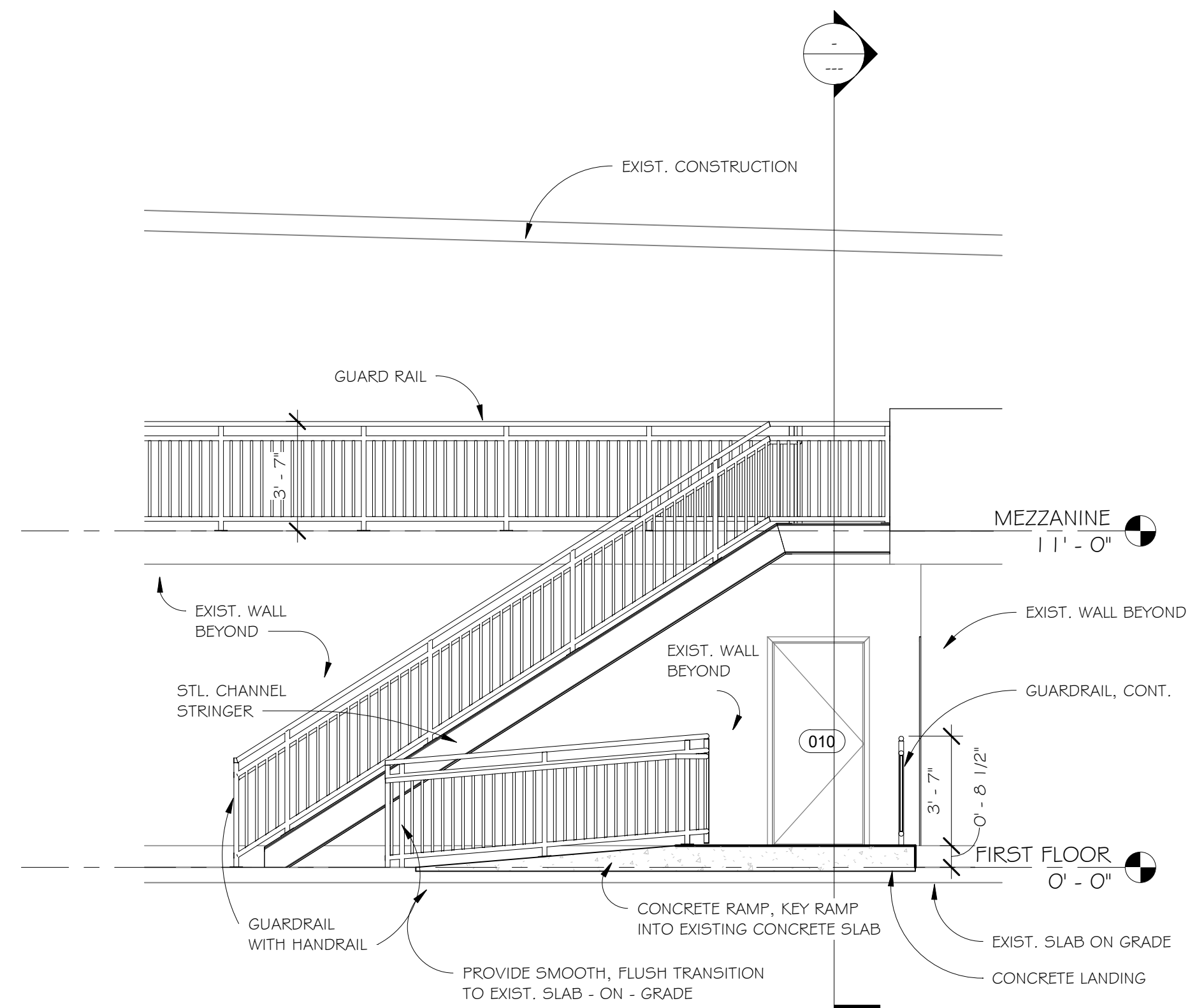
SHEET NO.
A501



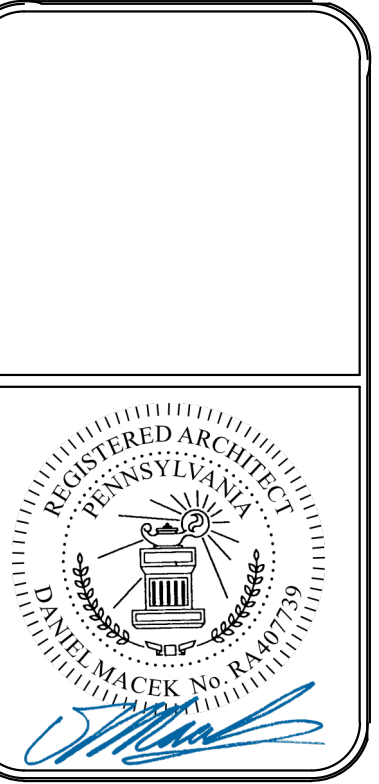
1 FIRST FLOOR PLAN - STAIR A
1/4" = 1'-0"



2 MEZZANINE PLAN - STAIR A
1/4" = 1'-0"



3 SECTION - RAMP
1/4" = 1'-0"



STAIR CALLOUTS

D-BAT ALTERATIONS
SNAFTOBER, LLC
3200 INDUSTRIAL BOULEVARD

CANZIAN / JOHNSTON & ASSOCIATES, LLC
ARCHITECTS

301 MARKET NEW BRUNSWICK, PENNSYLVANIA 18908 • www.CJArchitect.com • Tel: 724.339.0511 Fax: 724.339.4692

PRINCIPALS: Andrew M. Canzian, P.A., Dan Macek, P.A., Heather Wenstler

REVISIONS	
Revision Number	Revision Date

PROJECT STATUS
PLAN DOCUMENTS

DATE
6/17/2022

DRAWN BY
JAP

JOB NO.
2172

SHEET NO.
A801

GENERAL NOTES

- 1 ALL WORK SHALL MEET THE REQUIREMENTS OF ALL STATE AND LOCAL CODES AND REQUIREMENTS...
2 CONTRACTOR IS RESPONSIBLE TO FURNISH ANY AND ALL PERMITS REQUIRED FOR THE INSTALLATION...
3 ALL WORK SHALL BE CONDUCTED IN A SAFE MANNER IN ACCORDANCE WITH OSHA, INDUSTRY AND GOVERNMENT STANDARDS AND GUIDELINES...
4 PROVIDE ANYALL MISCELLANEOUS FITTINGS, BENDS, CONNECTORS, AND APPURTENANCES NECESSARY FOR A COMPLETE AND FUNCTIONAL SYSTEM...
5 COORDINATE FINAL LOCATIONS AND MOUNTING HEIGHTS FOR EQUIPMENT, OUTLETS, SWITCHES, ETC. WITH THE OWNER, ANSI A117.1 AND CURRENT ADA STANDARDS FOR ACCESSIBLE DESIGN...
6 CONTRACTOR SHALL USE ONLY NEW, HEAVY DUTY, COMMERCIAL GRADE MATERIALS. ALL MATERIALS AND EQUIPMENT USED SHALL BE LISTED AND LABELED FOR THE APPLICATION IN WHICH THEY ARE USED...
7 COORDINATE INSTALLATION OF MECHANICAL, PLUMBING, FUEL GAS AND ELECTRICAL INSTALLATIONS AROUND OTHER SYSTEMS AND BUILDING STRUCTURE TO AVOID OBSTRUCTIONS AND PRESERVE CLEARANCES...
8 LOCATE AND INSTALL COMPONENTS REQUIRING ACCESS SO THAT THEY MAY BE SERVICED, RESET, REPLACED AND/OR RECALIBRATED WITH NORMAL TOOLS AND EQUIPMENT...
9 OPENINGS MADE FOR MECHANICAL, PLUMBING, FUEL GAS AND ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE NEAT AND OF A MINIMUM SIZE...
10 INSTALL ALL MECHANICAL, PLUMBING, FUEL GAS AND ELECTRICAL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS...
11 PROVIDE HANGERS, SUPPORTS, AND SWAY BRACING FOR PIPING, DUCTWORK AND CONDUIT IN ACCORDANCE WITH THE APPROPRIATE CODE AND MATERIAL TYPE...
12 CONTRACTOR IS RESPONSIBLE TO DISPOSE OF ALL DEMOLITION AND CONSTRUCTION DEBRIS PROPERLY AND IN ACCORDANCE WITH APPLICABLE LOCAL AND ENVIRONMENTAL REGULATIONS...
13 PROVIDE FIRE PROOFING MATERIALS NECESSARY TO MAINTAIN CODE REQUIRED FIRE AND SMOKE BARRIERS AT ALL MECHANICAL, PLUMBING, FUEL GAS AND ELECTRICAL SYSTEM PENETRATIONS...
14 PROTECT ALL MECHANICAL, PLUMBING, FUEL GAS AND ELECTRICAL SYSTEMS AND EQUIPMENT DURING AND AFTER CONSTRUCTION UNTIL THE OWNER BECOMES RESPONSIBLE FOR THE SPACE...
15 PROVIDE ALL EXCAVATION, TRENCHING, SHORING, BEDDING, SAWCUTTING AND BACKFILLING AS NECESSARY TO SUPPORT THE MECHANICAL, PLUMBING, FUEL GAS AND ELECTRICAL SYSTEMS INSTALLATIONS...
16 PROVIDE IDENTIFICATION FOR ALL MECHANICAL, PLUMBING, FUEL GAS AND ELECTRICAL SYSTEMS AS REQUIRED BY THE APPLICABLE CODES...
17 DRAWINGS DEPICT GENERAL LOCATIONS FOR NEW & EXISTING ITEMS. CONTRACTOR SHALL EXPECT SOME VARIATION AND SHALL ACCOMMODATE WITHOUT ADDITIONAL COST TO THE OWNER...
18 PROVIDE CORROSION-PROOF RODENT/BIRD SCREENS FOR ALL BUILDING OPENINGS, WITH THE EXCEPTION OF THE DRYER VENT, SUCH AS AIR INTAKES, EXHAUSTS, VENTS, ETC...
19 PROVIDE MODULAR SEALING DEVICES TO FILL ANNULAR SPACE BETWEEN ALL PIPING, CONDUITS, ETC AND GENERAL BUILDING CONSTRUCTION FOR ALL PENETRATIONS TO THE EXTERIOR...
20 INSTALL ALL UNDERGROUND PIPING AND CONDUITS IN PROPERLY PREPARED TRENCHES...
21 CONTRACTOR SHALL WARRANT AND GUARANTEE, FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM THE DATE OF OWNER ACCEPTANCE...
22 PROVIDE AS BUILT DRAWINGS AND OPERATING AND MAINTENANCE MANUALS TO THE BUILDING OWNER UPON COMPLETION OF THE PROJECT WITHIN 90 DAYS OF SYSTEM ACCEPTANCE...
23 THE NOTES OF THIS SHEET AND PROJECT SPECIFICATIONS APPLY TO ALL CONTRACTORS...
24 PROVIDE EQUIPMENT SUBMITTALS UNDER THE PROVISIONS OF THE DIVISION 1 SPECIFICATIONS OR IN DUPLICATE ASBEST DIVISION 1 SPECIFICATIONS...

ELECTRICAL NOTES

- 1 PROVIDE AND UTILIZE NECESSARY SAFETY EQUIPMENT WHEN WORKING WITH WIRING, ENERGIZED ELECTRICAL EQUIPMENT...
2 TEST ALL ELECTRICAL CONNECTIONS AND COMPONENTS PRIOR TO ENERGIZING SYSTEMS AND CORRECT ALL DEFICIENCIES IDENTIFIED...
3 ALL CONDUCTORS SHALL BE COPPER, SINGLE CONDUCTORS, MINIMUM SIZE #12, UNO, MINIMUM RACEWAY SIZE SHALL BE 3/4"...
4 ALL GROUNDING ELECTRODE CONDUCTORS, EQUIPMENT GROUNDS AND BONDING JUMPERS SHALL BE COPPER AND SOLID FOR #8 AND SMALLER CONDUCTORS...
5 PROVIDE COPPER GROUNDING CONDUCTOR TO METAL WATER SERVICE ENTRANCE PIPE...
6 PROVIDE SOLID CONDUCTORS FOR #10 CONDUCTORS AND SMALLER, PROVIDE STRANDED CONDUCTORS FOR LARGER CONDUCTORS...
7 INSTALL ALL CONDUCTORS AND CABLES IN ACCORDANCE WITH CODE REQUIREMENTS AND NETA STANDARDS...
8 PROVIDE STUDY TO DETERMINE ARC FLASH HAZARD LEVELS FOR EACH PIECE OF ELECTRICAL EQUIPMENT...
9 PROVIDE 1" CONDUIT WITH SINGLE GANG BOX AND MUDRING AT EACH DATA DROP SHOWN...
10 AS NECESSARY, INCREASE CONDUCTOR SIZES, AT NO ADDITIONAL COST TO THE OWNER...
11 PROVIDE 6" - 12" SLACK AT ALL WIRING DEVICES...
12 COORDINATE WITH THE LOCAL ELECTRICAL UTILITY PROVIDER FOR CONNECTION DETAILS AND REQUIREMENTS...

MECHANICAL NOTES

- 1 PROVIDE 2G GAUGE, GALVANIZED SHEET METAL LOW PRESSURE DUCTWORK WITH SLIP FITTINGS IN ACCORDANCE WITH SMACNA, NFPA 90A AND NFPA 90B STANDARDS...
2 PROVIDE UL 181, CLASS 1 LISTED, INSULATED, FLEXIBLE DUCT AT EACH DIFFUSER/REGISTER CONNECTION...
3 PROVIDE EXTERIOR DUCT INSULATION WITH VAPOR BARRIER ON ALL SUPPLY AIR DUCTS...
4 PROVIDE ACCESSIBLE BALANCING DAMPERS IN THE BRANCH DUCT AT EACH INDIVIDUAL REGISTER, GRILLE, AND DIFFUSER...
5 ALL REFRIGERATION WORK SHALL BE PERFORMED BY LICENSED PERSONNEL ACCORDING TO ASHRAE 15...
6 PROVIDE THERMOSTATS, CONTROLLERS, PANELS, WIRING, ETC NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONING AUTOMATIC CONTROL SYSTEM...
7 TEST, ADJUST, AND BALANCE (TAB) ALL AIR HVAC SYSTEMS CONSTRUCTED OR MODIFIED AS PART OF THIS PROJECT...
8 PROVIDE GRAVITY BALANCED BACKDRAFT DAMPERS AT ALL EXTERIOR DUCT OPENINGS AS CLOSE AS POSSIBLE TO FAN INLET...
9 PROVIDE METAL-EDGED, FACTORY FABRICATED, GLASS FABRIC FLEXIBLE CONNECTOR DOUBLE COATED WITH NEOPRENE AT EACH FAN-DUCT CONNECTION POINT...
10 PROVIDE ACCESS AND SERVICE SPACE FOR ALL EQUIPMENT IN ACCORDANCE WITH IMC SECTION 306 AND OSHA REQUIREMENTS...

PLUMBING AND FUEL GAS NOTES

- 1 PROVIDE TESTING EQUIPMENT AND CONDUCT PRELIMINARY AND FINAL TESTING REQUIRED BY THE CODE...
2 ALL PIPING SHALL BE RUN PARALLEL OR PERPENDICULAR TO BUILDING WALLS...
3 PROVIDE MATERIALS AND EQUIPMENT WITH LESS THAN 8-PERCENT LEAD CONTENT...
4 SLOPE DRAINAGE AND VENT PIPING APPROPRIATELY FOR SIZE AS REQUIRED BY THE CODE...
5 PROVIDE SPECIAL CONNECTION FITTINGS REQUIRED TO MEET THE CODE WHERE CONNECTIONS ARE MADE TO EXISTING PLUMBING AND NATURAL GAS SYSTEMS...
6 PROVIDE ACCESSIBLE FULL-OPEN AND SHUTOFF VALVES IN ACCORDANCE WITH THE CODE AND MANUFACTURER RECOMMENDATIONS...
7 PROVIDE FLASHINGS REQUIRED FOR BUILDING ENVELOPE PENETRATIONS ASSOCIATED WITH THE PLUMBING SYSTEMS...
8 LOCATE PLUMBING AND FUEL GAS VENTS AS REQUIRED BY THE CODE...
9 NOTIFY THE ARCHITECT IMMEDIATELY IF THE WATER PRESSURE FROM THE STREET IS INSUFFICIENT TO PROVIDE THE CODE AND/OR MANUFACTURER REQUIRED FLOW PRESSURES...
10 ALL DOMESTIC WATER SYSTEM COMPONENTS SHALL BE NSF G1 COMPLIANT AND RATED FOR 125 PSIG MINIMUM...
11 DOMESTIC HOT WATER SHALL BE LIMITED TO 140°F, MAXIMUM...
12 PROVIDE UNIONS, DRIPS AND SEDIMENT TRAPS AT EACH PIECE OF GAS UTILIZATION EQUIPMENT...
13 PROVIDE PRESSURE REGULATORS AT EACH PIECE OF GAS UTILIZATION EQUIPMENT SUITABLE FOR THE SYSTEM PRESSURE AND EQUIPMENT...
14 PROVIDE CONDENSATE DRAIN SYSTEM FOR ALL REQUIRED FUEL BURNING APPLIANCES AND AIR CONDITIONING COILS INCLUDING TRAP, AUXILIARY DRAIN SYSTEM, AND PIPING FROM DRAINS...
15 PROVIDE INSULATION ON ALL EXPOSED PLUMBING PIPING AT HANDICAPPED ACCESSIBLE FIXTURES AS REQUIRED BY THE CODE...
16 PROVIDE 1/2" FLEXIBLE ELASTOMERIC INSULATION ON ALL WATER PIPING WITHIN EXTERIOR WALLS...
17 COORDINATE WITH THE LOCAL WATER, WASTEWATER, AND NATURAL GAS AUTHORITIES/UTILITIES FOR CONNECTION DETAILS AND REQUIREMENTS...
18 PROVIDE ONE-PIECE, CAST BRASS, CHROME PLATED ESCUTCHEONS AT ALL PIPING PENETRATIONS THROUGH FINISHED SURFACES...
19 PROVIDE PIPING SUPPORTS SPACED IN ACCORDANCE WITH THE CODE...
20 PROVIDE DIELECTRIC NIPPLES AT ALL TRANSITIONS BETWEEN FERROUS AND NON-FERROUS PIPING...
21 INSTALL CAST IRON WASTE AND VENT PIPING IN ACCORDANCE WITH CISPI'S "CAST IRON SOIL PIPE AND FITTINGS HANDBOOK"...
22 ALL INDOOR FUEL GAS PIPING SHALL BE PAINTED YELLOW OR OTHERWISE IDENTIFIED ALONG ITS ENTIRE LENGTH...

COMMISSIONING GENERAL NOTES

- 1 THE OWNER SHALL HIRE AN APPROVED COMMISSIONING AGENCY TO CONFORM WITH SECTION C408 OF THE IECC AND PROVIDE A/C PROFESSIONAL SERVICES WITH COPIES OF ALL DOCUMENTATION...
2 SYSTEMS TO BE COMMISSIONED INCLUDE: LIGHTING SYSTEMS AND CONTROLS; AND MECHANICAL SYSTEMS AND SERVICE WATER HEATER SYSTEMS...
3 THE COMMISSIONING AGENCY SHALL DEVELOP A COMMISSIONING PLAN IN ACCORDANCE WITH C408.2.1 WHICH SHALL INCLUDE AT A MINIMUM: AN ACTIVITY NARRATIVE OF WHAT MUST BE ACCOMPLISHED DURING EACH PHASE INCLUDING PERSONNEL INVOLVEMENT; A LIST OF EQUIPMENT AND SYSTEMS TO BE TESTED; A DESCRIPTION OF TESTS; OPERATIONAL FUNCTIONS TO BE TESTED; CONDITIONS UNDER WHICH TESTS WILL BE PERFORMED; AND THE MEASURABLE CRITERIA FOR ACCEPTABLE PERFORMANCE...
4 FUNCTIONAL PERFORMANCE TESTING, DEMONSTRATING THE PROPER FUNCTIONALITY OF SYSTEMS, SHALL MEET THE REQUIREMENTS OF C408.2.3 AND C408.3...

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes entries like AAV (AIR ADMITTANCE VALVE), AC (ABOVE COUNTER), ACCU (AIR COOLED CONDENSING UNIT), AF (AMP FRAME), AFF (ABOVE FINISHED FLOOR), AFG (ABOVE FINISHED GRADE), AFR (ABOVE FINISHED ROOF), AHU (AIR HANDLING UNIT), AIC (AMPERES INTERRUPTING CURRENT), ALT (ALTERNATE), ARCH (ARCHITECT), ATC (AMP TRIP), ATG (AUTOMATIC TEMPERATURE CONTROL), ATWS (AUTOMATIC TRANSFER SWITCH), AWG (AMERICAN WIRE GAUGE), BAS (BUILDING AUTOMATION SYSTEM), BC (BENEATH COUNTER), BFF (BELOW FINISHED FLOOR), BFG (BELOW FINISHED GRADE), BFP (BACKFLOW PREVENTER), BTU (BRITISH THERMAL UNIT), C (CONDUIT), CFM (CUBIC FEET PER MINUTE), CKT (CIRCUIT), CO (CARBON MONOXIDE), CO (CONTINUOUS OTHER), CU (CLEAN OUT), CW (COPPER), DEMO (DEMOLITION), DFC (DRINKING FOUNTAIN), DISC (DISCONNECT), Ø (DIAMETER), EC (ELECTRICAL CONTRACTOR), EF (EXHAUST FAN), EMT (ELECTRICAL METALLIC TUBING), ERV (ENERGY RECOVERY VENTILATOR), ET (EXPANSION TANK), ETR (EXISTING TO REMAIN), F (DEGREE FAHRENHEIT), FCO (FLOOR CLEANOUT), FD (FLOOR DRAIN), FLA (FULL LOAD AMPS), G (GROUND CONDUCTOR), GC (GENERAL CONTRACTOR), GCO (GRADE CLEAN OUT), GFI (GROUND FAULT CIRCUIT INTERRUPTER), GND (GROUND), HAC (HEATING AND COOLING), HC (HEATING CONTRACTOR), HOA (HAND-OFF-AUTOMATIC), HP (HORSEPOWER), HS (HAND SINK), HVAC (HEATING, VENTILATION & AIR CONDITIONING), HW (HOT WATER), HWR (HOT WATER RETURN), HWS (HOT WATER SUPPLY), JB (JUNCTION BOX), JS (JANITOR SINK), KIT (KITCHEN), KS (KITCHEN SINK), KVA (KILOVOLT-AMPERES), KW (KILOWATT), KWH (KILOWATT-HOUR), LAT (LEAVING AIR TEMPERATURE), LAV (LAVATORY), LBS (POUNDS), MAX (MAXIMUM), MBH (1 000 BTUS), MC (MECHANICAL CONTRACTOR), MCB (MAIN CIRCUIT BREAKER), MIN (MINIMUM), MS (MOP SINK), MUA (MAKE UP AIR), MV (MIXING VALVE), NCO (NON-CONTINUOUS OTHER), NG (NATURAL GAS), NIC (NOT IN CONTRACT), NTS (NOT TO SCALE), OED (OPEN END DUCT), OS (OCCUPANCY SENSOR), OSA (OUTSIDE AIR), OTH (OTHER), PB (PULL BOX), PC (PLUMBING CONTRACTOR), PNL (PANEL), RA (RETURN AIR), RCP (REFLECTED CEILING PLAN), RG (RETURN GRILLE), RPM (REVOLUTIONS PER MINUTE), SA (SUPPLY AIR), SAN (SANITARY), SD (SMOKE DETECTOR), SF (SQUARE FEET), SH (SHOWER), SK (SINK), SR (SUPPLY REGISTER), SS (STAINLESS STEEL), TP (TRAP PRIMER), TV (TELEVISION), TYP (TYPICAL), UC (UNDER COUNTER), UH (UNIT HEATER), UL (UNDERWRITERS LABORATORY), UNO (UNLESS NOTED OTHERWISE), UR (URNAL), V (VENT), V (VOLTAGE), VA (VOLT-AMPERES), VD (MANUAL VOLUME DAMPER), VS (VACANCY SWITCH), VTR (VENT THRU ROOF), W (WASTE), W (WATT), W (WITH), W/O (WITHOUT), WC (WATER CLOSET), WCO (WALL CLEANOUT), WH (WATER HEATER), WP (WEATHERPROOF), WWB (WALL WASHER BOX), XPMR (TRANSFORMER), Ø (PHASE)

LIGHTING LEGEND

- Single pole switch, 20 AMP
Three way switch, 20 AMP
Exit sign, faces/arrows as indicated
Wall sconce
2x2 light fixture
High bay light fixture
2 lamp emergency light battery power
Wall mounted exit sign

MECHANICAL LEGEND

- Airflow
Damper
Exhaust grille
Return grille
Supply grille
Thermostat

ELECTRICAL LEGEND

- Duplex receptacle, 20 AMP
GFCI duplex receptacle, 20 AMP
Quad duplex receptacle, 20 AMP
Weatherproof receptacle, 20 AMP
Duplex receptacle with USB, 20 AMP
Electrical panelboard
Electrical disconnect switch
Electrical homerun
Duplex receptacle, 20 AMP, cord reel

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REVISIONS

Table with 2 columns: Description and Date. Includes entries like 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24.

SNAPTOBER, LLC D-BAT ALTERATIONS

GENERAL NOTES, ABBREVIATIONS AND LEGEND

3200 INDUSTRIAL BOULEVARD



Table with 2 columns: Field and Value. Includes Date (6/28/2022), Scale (AS SHOWN), Sheet Number (MEP001), Project Number (22494).

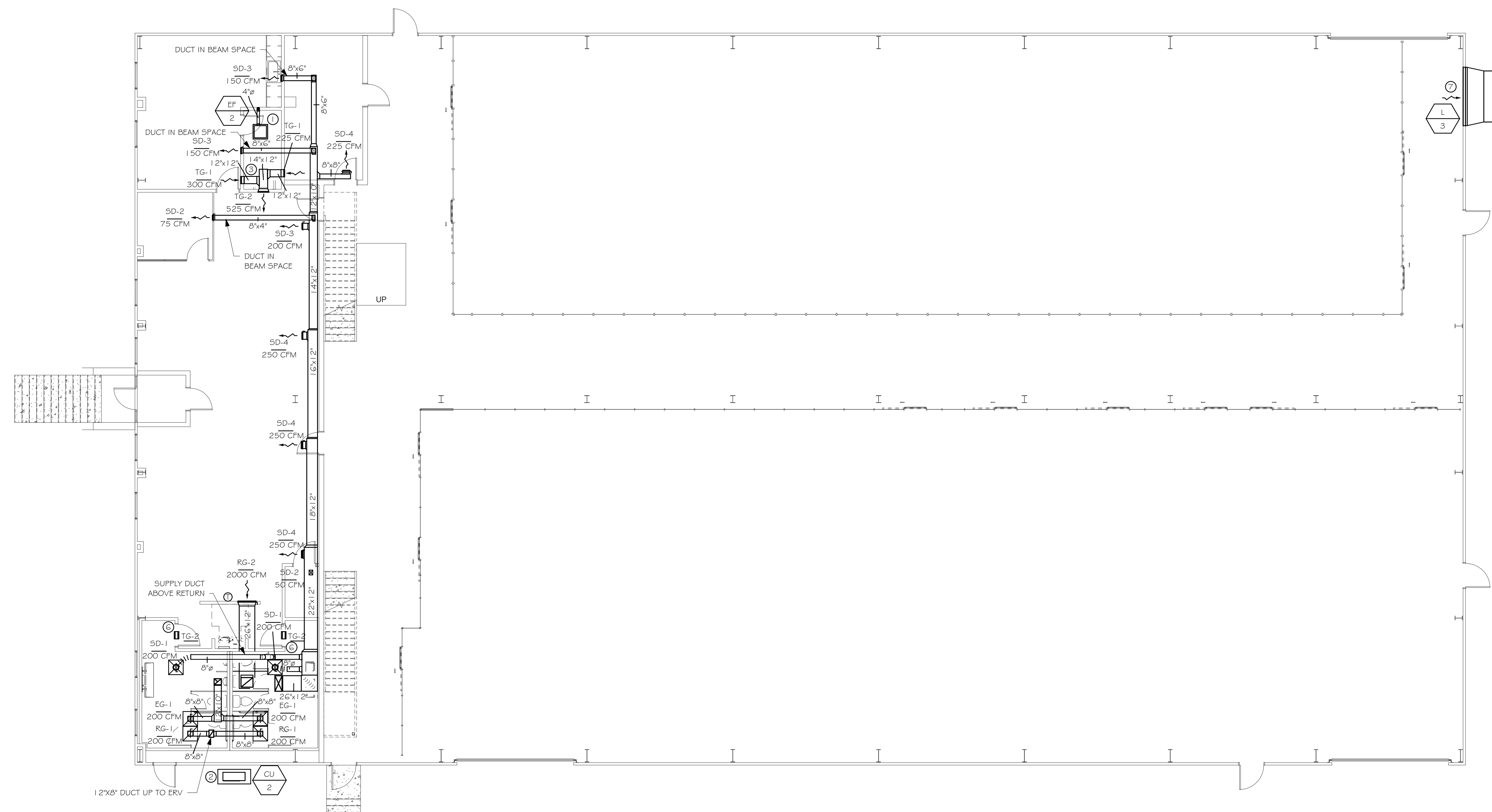
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- GENERAL NOTES:**
- ALL NOTES ON MEPOO1 APPLY TO THIS DRAWING.
 - PROVIDE DUCT INSULATION FOR THE FOLLOWING DUCTWORK WITH THE R-VALUE NOTED:
 - ERV-1 EXHAUST, SUPPLY, AND OUTDOOR AIR DUCTWORK - R-6
 - AHU-1 RETURN AND SUPPLY DUCTWORK - R-6
 - ARU-1 EXTERIOR RETURN AND SUPPLY DUCTWORK - R-12 WITH VAPOR BARRIER AND ALUMAGUARD ALL-WEATHER WRAP, OR EQUAL.

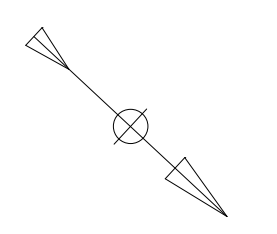
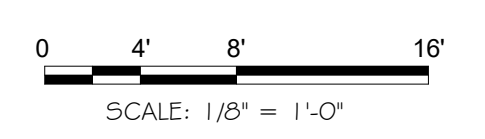
REVISIONS

NO.	DESCRIPTION

- NEW WORK KEYED NOTES:**
- PROVIDE EXHAUST FAN PER SCHEDULE. PROVIDE 4" EXHAUST DUCT THROUGH ROOF WITH ROOF CAP AND SEAL WEATHERTIGHT.
 - PROVIDE CONDENSING UNIT PER SCHEDULE. PROVIDE CONCRETE PAD PER DETAIL. PROVIDE REFRIGERANT PIPING AND CONTROL WIRING TO A-COIL.
 - INTERNALLY LINE TRANSFER DUCT WITH 1" SOUND SUPPRESSION DUCT LINER.
 - PROVIDE CONDENSING UNIT PER SCHEDULE. PROVIDE CONCRETE PAD PER DETAIL. PROVIDE REFRIGERANT PIPING AND CONTROL WIRING TO AIR ROTATION UNIT.
 - PROVIDE AIR ROTATION UNIT PER SCHEDULE AND MOUNT ON CONCRETE PAD PER DETAIL. PROVIDE DUCT PER PLAN ON SHEET M101 AND M102. PROVIDE REFRIGERANT PIPING BETWEEN AIR ROTATION UNIT AND CONDENSING UNIT. PROVIDE GAS PIPING AND MAKE CONNECTION, SEE GAS RISER DIAGRAM FOR DETAILS.
 - PROVIDE AIR TRANSFER GRILLE PER SCHEDULE ABOVE RESTROOM DOOR.
 - PROVIDE LOUVER PER SCHEDULE.



1 MECHANICAL FIRST FLOOR PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



SNAPTOBER, LLC
D-BAT ALTERATIONS

MECHANICAL FIRST FLOOR PLAN - NEW WORK

3200 INDUSTRIAL BOULEVARD
BETHEL PARK, PA 15102



Date	6/28/2022
Scale	AS SHOWN
Sheet Number	M101
Project Number	22494

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- GENERAL NOTES:**
- ALL NOTES ON MEPOI APPLY TO THIS DRAWING.
 - PROVIDE DUCT INSULATION FOR THE FOLLOWING DUCTWORK WITH THE R-VALUE NOTED:
 - ERV-1 EXHAUST, SUPPLY, AND OUTDOOR AIR DUCTWORK - R-6
 - AHU-1 RETURN AND SUPPLY DUCTWORK - R-6
 - ARU-1 EXTERIOR RETURN AND SUPPLY DUCTWORK - R-12 WITH VAPOR BARRIER AND ALUMAGUARD ALL-WEATHER WRAP, OR EQUAL.

- NEW WORK KEYED NOTES:**
- PROVIDE EXHAUST FAN AND CURB PER SCHEDULE. MOUNT EXHAUST FAN ON ROOF WITH 12" CURB NO LESS THAN 10' FROM ROOF EDGE. PROVIDE 12"X10" EXHAUST DUCT THROUGH ROOF AND MAKE DUCT CONNECTION. SEAL ROOF PENETRATION WEATHERTIGHT.
 - PROVIDE GRAVITY VENTILATOR PER SCHEDULE TO SERVE ERV-1. MOUNT GRAVITY VENTILATOR ON ROOF WITH 12" CURB. PROVIDE 10"X10" EXHAUST DUCT THROUGH ROOF AND MAKE DUCT CONNECTION. SEAL ROOF PENETRATION WEATHERTIGHT.
 - PROVIDE ERV PER SCHEDULE. INSTALL ERV IN THE MECHANICAL ROOM AND LOCATE TO MAINTAIN REQUIRED SERVICE CLEARANCES. PROVIDE ERV SUPPORT WITH VIBRATION ISOLATION HANGERS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. PROVIDE DUCT SYSTEM PER PLAN AND MAKE CONNECTIONS. PROVIDE CONTROL WIRING NECESSARY TO INTERLOCK ERV WITH AIR HANDLING UNIT SUCH THAT NEITHER PIECE OF EQUIPMENT CAN OPERATE WITHOUT THE OTHER.
 - PROVIDE FURNACE AND A-COIL PER SCHEDULE AND SUSPEND HORIZONTALLY FROM STRUCTURE USING VIBRATION ISOLATION SUPPORTS. PROVIDE DUCT PER PLAN. PROVIDE REFRIGERANT PIPING BETWEEN A-COIL AND CONDENSING UNIT. PROVIDE SECONDARY CONDENSATE DRAIN PAN AND WATER-LEVEL DETECTION DEVICE AND WIRING. PROVIDE CONDENSATE PIPING FROM THE A-COIL TO MOP SINK. PROVIDE THERMOSTAT IN LOCATION SHOWN ON SHEET M101 AND CONTROL WIRING. PROVIDE EXHAUST FLUE AND INTAKE PIPING THROUGH ROOF WITH CONCENTRIC VENT AND SEAL ROOF WEATHERTIGHT. PROVIDE LOUVER PER SCHEDULE.
 - PROVIDE 4" ROUND ROOF VENT, ACTIVE VENTILATION PRODUCTS INC. MODEL # RBV-4-C2-TP OR EQUAL, WITH TAIL PIPE ADAPTER FOR CONNECTION TO EXHAUST DUCT. COORDINATE ROOF VENT COLOR WITH OWNER.
 - PROVIDE FABRIC DUCT WITH PREFORATIONS TO DISTRIBUTE AIR INTO SPACE. DUCT SHALL BE HUNG WITH INTERNAL RINGS TO PREVENT DUCTWORK FROM LOSING SHAPE.

REVISIONS

NO.	DESCRIPTION

SNAPTOBER, LLC
D-BAT ALTERATIONS

MECHANICAL SECOND FLOOR PLAN - NEW WORK

BETHEL PARK, PA 15102
3200 INDUSTRIAL BOULEVARD

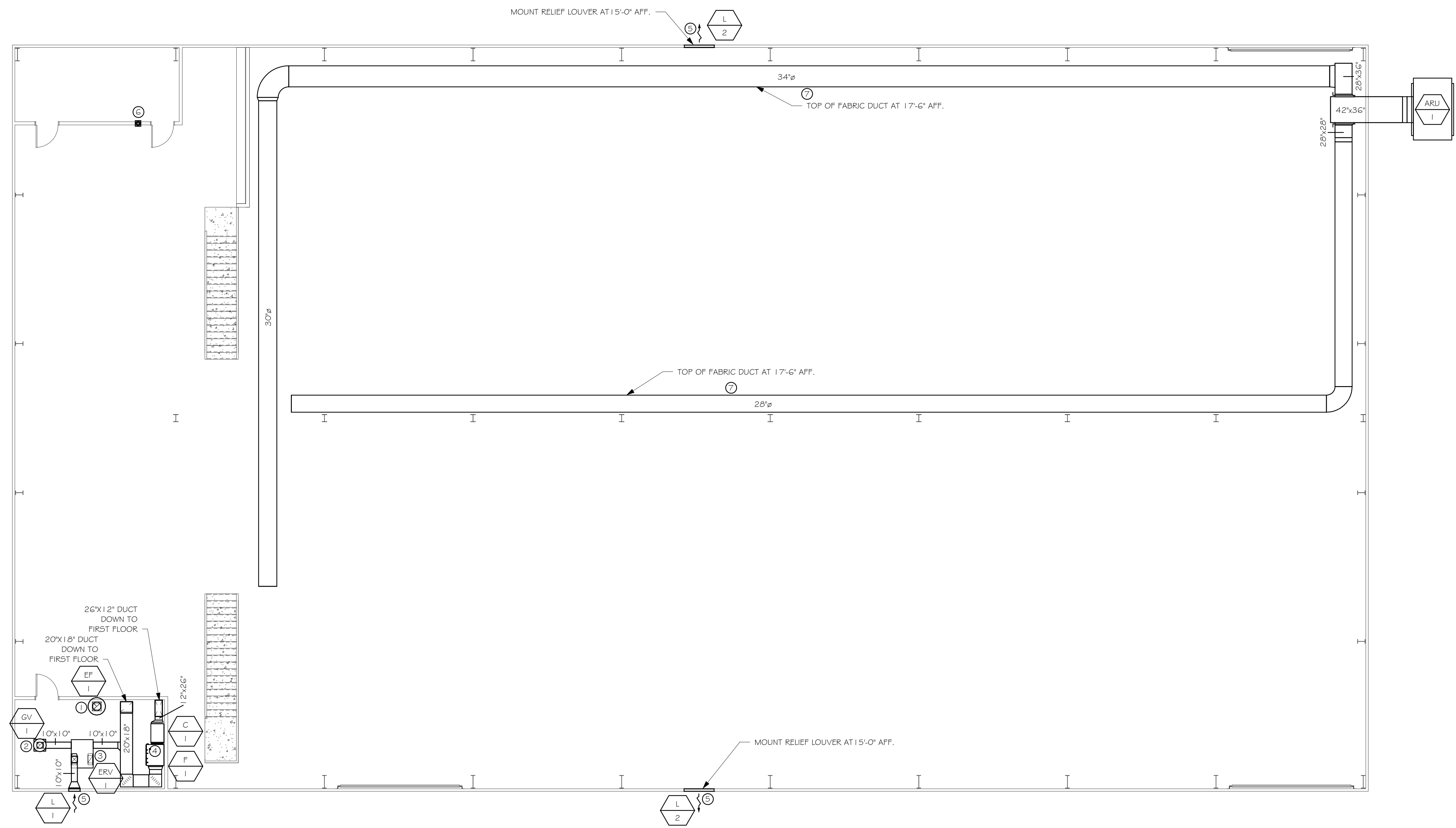
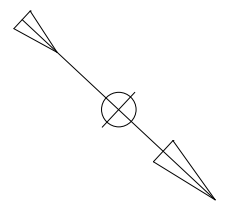
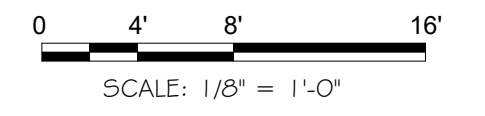


Date
6/28/2022

Scale
AS SHOWN

Sheet Number
M102

Project Number
22494



MECHANICAL SECOND FLOOR PLAN - NEW WORK
SCALE: 1/8" = 1'-0"

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REVISIONS

NO.	DATE	DESCRIPTION

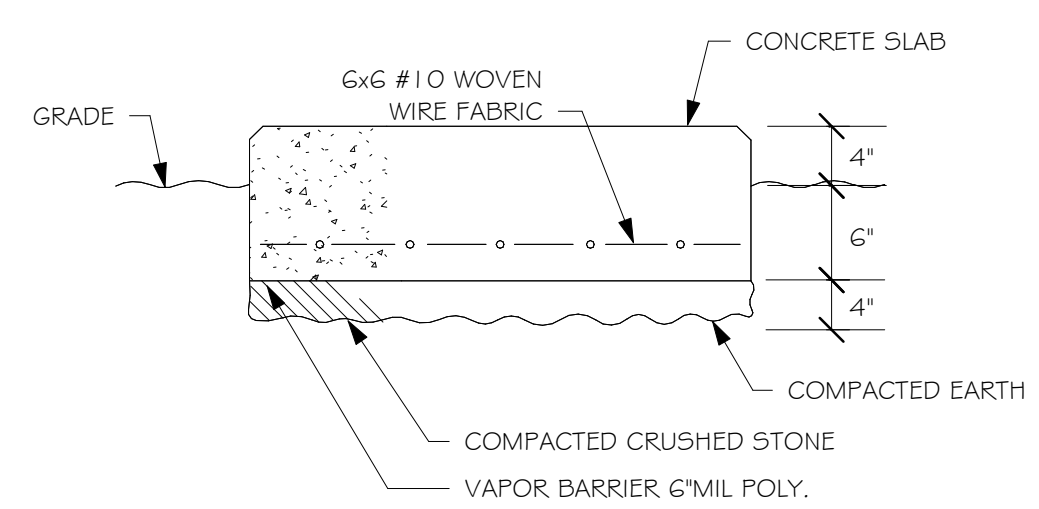
SNAPTOBER, LLC
D-BAT ALTERATIONS

MECHANICAL SCHEDULES

3200 INDUSTRIAL BOULEVARD
BETHEL PARK, PA 15102



Date: 6/28/2022
Scale: AS SHOWN
Sheet Number: M601
Project Number: 22494



NOTE:
SLAB SHALL EXTEND 6" BEYOND UNIT SIZE IN BOTH DIMENSIONS. UNIT SHALL BE CENTERED & LEVELED ON SLAB.

1 CONCRETE PAD DETAIL
SCALE: NONE

MARK	SERVES	WEIGHT (LBS)	AIRFLOW (CFM)	ESP (IN WG)	FAN HP	ELECTRICAL		BASIS OF DESIGN		NOTES
						VOLTS / PHASE	MCA / MOCP	MANUFACTURER	MODEL	
EF-1	RESTROOM	50	400	0.5	1/4	115 / 1	0.5 / 15	GREENHECK	AE-12-433-A4	1,2
EF-2	JANITOR'S CLOSET	10	50	0.1	1/16	120 / 1	0.4 / 15	BROAN	LP50100DC	3

NOTES:
1. PROVIDE WITH CANTED CURB, BIRDSCREEN AND BACKDRAFT DAMPER.
2. PROVIDE TIMECLOCK, RELAYS AND CONTROL WIRING TO OPERATE FAN DURING BUILDING OCCUPIED HOURS.
3. PROVIDE WITH BIRDSCREEN AND BACKDRAFT DAMPER.

MARK	SERVES	WEIGHT (LBS)	TOTAL CAPACITY (MBH)	MIN SEER	REFRIGERANT	ELECTRICAL		BASIS OF DESIGN		NOTES
						VOLTS / PHASE	MCA / MOCP	MANUFACTURER	MODEL	
CU-2	F-1	200	53.2	17	4-410A	208 / 1	36.5 / 40	DAIKIN	DX17V5601AA	1,2

NOTES:
1. PROVIDE CONTROL WIRING, REFRIGERANT PIPING, REFRIGERANT AND DISCONNECT.
2. PROVIDE MODULATING INVERTER COMPRESSOR.

MARK	SERVES	WEIGHT (LBS)	TOTAL AIRFLOW (CFM)	OUTSIDE AIRFLOW (CFM)	ESP (IN WG)	HEAT INPUT CAPACITY (MBH)	HEAT INPUT CAPACITY (MBH)	AFUE (%)	FUEL TYPE	HEATING EAT / LAT (°F)	ELECTRICAL		BASIS OF DESIGN		NOTES
											VOLTS / PHASE	MCA / MOCP	MANUFACTURER	MODEL	
F-1	PRO SHOP	150	2000	400	0.5	100	97	97	NAT GAS	67 / 112	115 / 1	15.4 / 20	DAIKIN	DM97MC1005CN	1,2,3

NOTES:
1. FURNACE, CONDENSING UNIT AND A-COIL SHALL ALL BE BY THE SAME MANUFACTURER AND SHALL BE LISTED BY THE MANUFACTURER FOR OPERATION TOGETHER.
2. PROVIDE UNIT WITH VARIABLE SPEED ECM FAN MOTOR, MODULATING GAS VALVE AND 5 BURNERS.
3. PROVIDE WITH DAIKIN ONE+ SMART THERMOSTAT AND CONTROL WIRING. FAN SHALL OPERATE DURING OCCUPIED HOURS.

MARK	SERVES	WEIGHT (LBS)	EXHAUST AIRFLOW	SUPPLY AIRFLOW	SUPPLY / EXHAUST ESP (IN WG)	HEAT RECOVERY				ELECTRICAL		BASIS OF DESIGN		NOTES				
						SUMMER OA EAT (°F)	SUMMER OA LAT (°F)	SUPPLY EFFICIENCY	WINTER OA EAT (°F)	WINTER OA LAT (°F)	EXHAUST EFFICIENCY	EXHAUST MOTOR (HP)	SUPPLY MOTOR (HP)		VOLTS / PHASE	MCA / MOCP	MANUFACTURER	MODEL
ERV-1	AHU-1	240	400	400	0.5	95 / 78	73.8 / 61.5	82.5	0 / -1.6	58.1 / 47.0	83.3	3/4	3/4	115 / 1	20.5 / 25	GREENHECK	MINIVENT-750-VG	1

NOTES:
1. PROVIDE WITH GRAVITY BACKDRAFT DAMPERS, MERV 8 2" PLEATED FILTERS AND TIMED EXHAUST PANEL FOR FROST CONTROL.

MARK	SERVICE	ACTIVE DIMENSIONS (W X H) (IN)	MIN % FREE AREA (SF)	FREE AREA (SF)	BASIS OF DESIGN		NOTES
					MANUFACTURER	MODEL	
L-1	INTAKE	18 X 18	39.3	0.88	GREENHECK	ESD-435	1
L-2	RELIEF	48 X 48	55.7	8.92	GREENHECK	ESD-435	2
L-3	RETURN	96 X 48	56.5	18.09	GREENHECK	ESD-435	1

NOTES:
1. PROVIDE WITH BIRDSCREEN AND MAKE DUCT CONNECTION.
2. PROVIDE WITH BAROMETRIC RELIEF DAMPER, BACKDRAFT DAMPER, AND BIRDSCREEN.

MARK	SERVICE	WEIGHT (LBS)	LOCATION	CFM	SP (IN WG)	THROAT AREA (SF)	BASIS OF DESIGN		NOTES
							MANUFACTURER	MODEL	
Gv-1	EXHAUST	10	ROOF	400	0.058	0.57	GREENHECK	GR5R-10	1

NOTES:
1. PROVIDE WITH CANTED CURB AND BIRDSCREEN.

MARK	SERVES	WEIGHT (LBS)	AIRFLOW (CFM)	EAT (°F)	LAT (°F)	TOTAL CAPACITY (BTU/H)	SENSIBLE CAPACITY (BTU/H)	REFRIGERANT	BASIS OF DESIGN		NOTES
									MANUFACTURER	MODEL	
C-1	PRO SHOP	75	2000	75.0 / 63.4	55.0 / 54.0	53.2	41.0	R-410A	DAIKIN	CHPP4961CG	1,2

NOTES:
1. FURNACE, CONDENSING UNIT AND A-COIL SHALL ALL BE BY THE SAME MANUFACTURER AND SHALL BE LISTED BY THE MANUFACTURER FOR OPERATION TOGETHER.
2. PROVIDE UNIT WITH HORIZONTAL CASED ALL-ALUMINUM EVAPORATOR COIL AND THERMOPLASTIC DRAIN PAN.

MARK	SERVICE	FACE SIZE (IN)	FINISH	MATERIAL	BASIS OF DESIGN		NOTES
					MANUFACTURER	MODEL	
EG-1	EXHAUST	24 X 24	WHITE	ALUMINUM	TITUS	50F	1,2,3
RG-1	RETURN	24 X 24	WHITE	ALUMINUM	TITUS	50F	1,2,3
RG-2	RETURN	36 X 18	WHITE	ALUMINUM	TITUS	350FL	1,2,3
SD-1	SUPPLY	24 X 24	WHITE	ALUMINUM	TITUS	OVNI-AA	1,2,3
SD-2	SUPPLY	8 X 6	WHITE	ALUMINUM	TITUS	301 FL	1,2,3
SD-3	SUPPLY	10 X 6	WHITE	ALUMINUM	TITUS	301 FL	1,2,3
SD-4	SUPPLY	12 X 8	WHITE	ALUMINUM	TITUS	301 FL	1,2,3
TG-1	TRANSFER	12 X 8	WHITE	ALUMINUM	TITUS	350FL	1,2
TG-2	TRANSFER	18 X 10	WHITE	ALUMINUM	TITUS	350FL	1,2

NOTES:
1. ALL DIFFUSER FINISHES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.
2. REFER TO DRAWINGS FOR NECK SIZE AND CFM.
3. PROVIDE WITH OPPOSED BLADE BALANCING DAMPER.

MARK	SERVES	TOTAL AIRFLOW (CFM)	OUTSIDE AIRFLOW (CFM)	ESP (IN WG)	HEAT INPUT CAPACITY (MBH)	HEAT CAPACITY (MBH)	AFUE	FUEL TYPE	EAT/LAT (°F)	DX COOLING			ELECTRICAL		BASIS OF DESIGN		NOTES		
										TOTAL CAPACITY (MBH)	SENS. CAPACITY (MBH)	EAT DB/WB (°F)	LAT DB/WB (°F)	COMPRESSOR QTY	VOLTS / PHASE	MCA / MOCP		MANUFACTURER	MODEL
ARU-1	BATTING CAGES	15,000	1,200	1.00	400	324	81.00	NAT	84.4 / 84.4	256.00	190.00	75 / 62.4	63.3 / 56.7	2.00	460 / 3	17.5 / 30	ENGINEERED AIR	DJ-CAT-11	1,2

NOTES:
1. PROVIDE UNIT WITH AIR ECONOMIZER, V-BANK FILTER, DWDI SUPPLY FAN, AND DISCHARGE PLENUM BOX.
2. UNIT SHALL BE OUTDOOR RATED.

MARK	SERVES	TOTAL CAPACITY (MBH)	MIN EER	REFRIGERANT	ELECTRICAL		BASIS OF DESIGN		NOTES
					VOLTS / PHASE	MCA / MOCP	MANUFACTURER	MODEL	
CU-1	ARU-1	256	11	R-410A	460 / 3	23.25 / 25 2.125 / 15	ENGINEERED AIR	CU242	-

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GENERAL NOTES:
 1. ALL NOTES ON MEPOO1 APPLY TO THIS DRAWING.

- NEW WORK KEYED NOTES:
- ① EXISTING WATER SERVICE TO REMAIN. PROVIDE PIPING PER RISER DIAGRAM FOR NEW DISTRIBUTION PIPING.
 - ② PROVIDE RESTROOM FIXTURES PER PLUMBING FIXTURE SCHEDULE. PROVIDE DOMESTIC HOT AND COLD WATER, SANITARY DRAIN AND VENT PIPING PER PLUMBING FIXTURE SCHEDULE AND RISER DIAGRAMS. TYPICAL.
 - ③ PROVIDE MOP SINK PER PLUMBING FIXTURE SCHEDULE. REWORK EXISTING DOMESTIC HOT AND COLD WATER, SANITARY DRAIN AND VENT PIPING AND PROVIDE FITTINGS AS NECESSARY PER PLUMBING FIXTURE SCHEDULE AND RISER DIAGRAMS.
 - ④ PROVIDE SINK PER PLUMBING FIXTURE SCHEDULE. REWORK EXISTING DOMESTIC HOT AND COLD WATER, SANITARY DRAIN AND VENT PIPING FROM EXISTING SINK AND PROVIDE FITTINGS AS NECESSARY PER PLUMBING FIXTURE SCHEDULE AND RISER DIAGRAMS.
 - ⑤ PROVIDE INSTANTANEOUS ELECTRIC WATER HEATER PER PLUMBING FIXTURE SCHEDULE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

REVISIONS

SNAPTOBER, LLC
 D-BAT ALTERATIONS

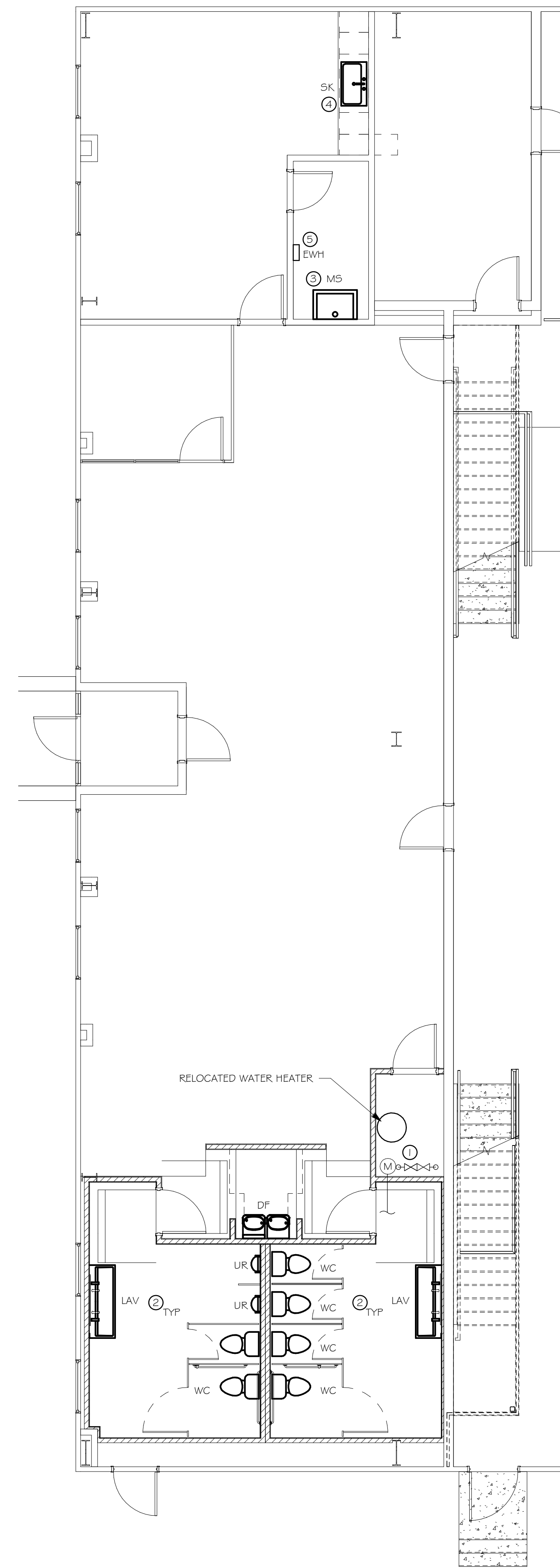
PLUMBING FIRST FLOOR PLAN - NEW WORK

3200 INDUSTRIAL BOULEVARD
 BETHEL PARK, PA 15102

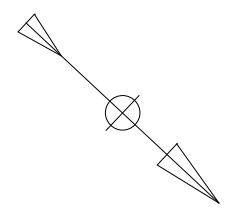
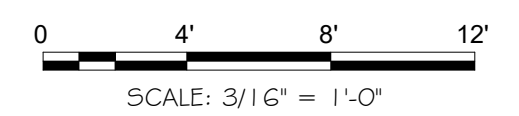
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Date: 6/28/2022
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 Sheet Number: P101
 Project Number: 22494



① PLUMBING FIRST FLOOR PLAN - NEW WORK
 SCALE: 3/16" = 1'-0"



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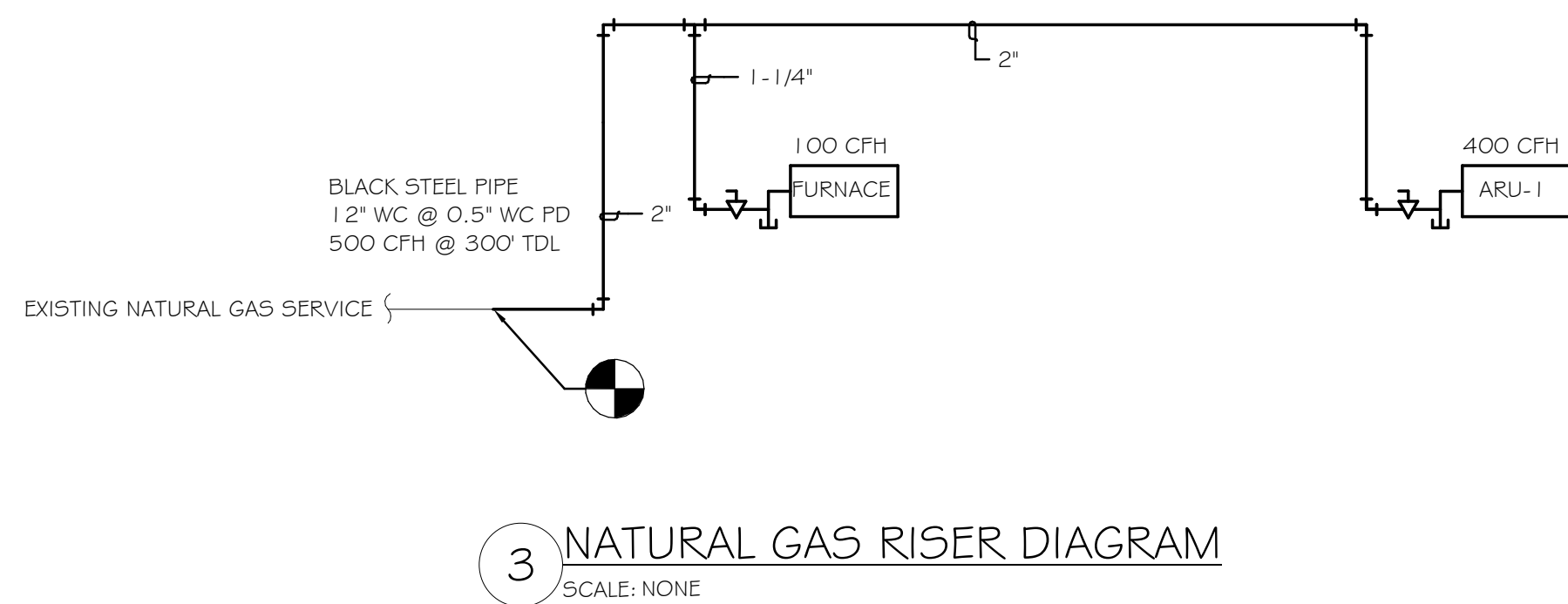
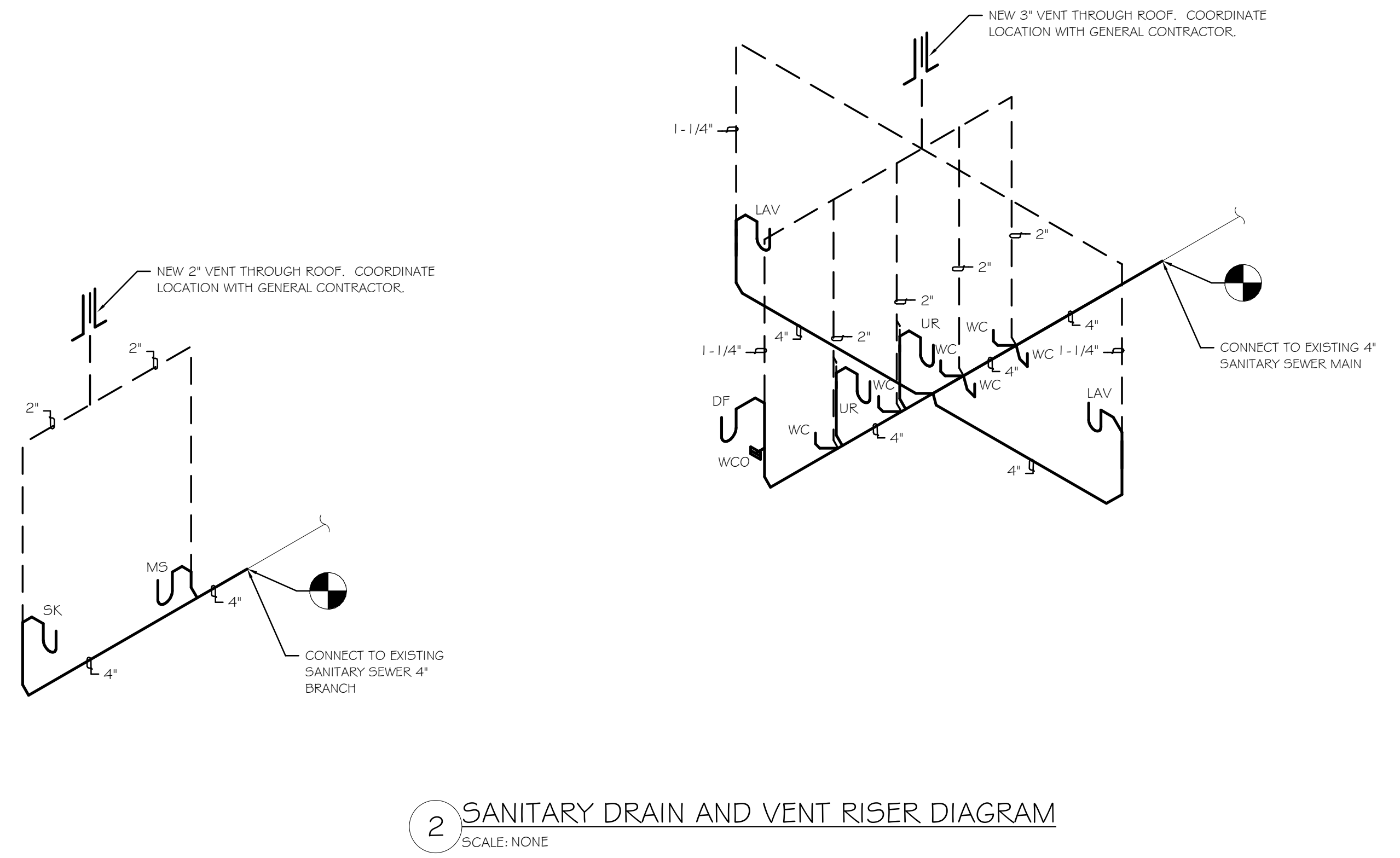
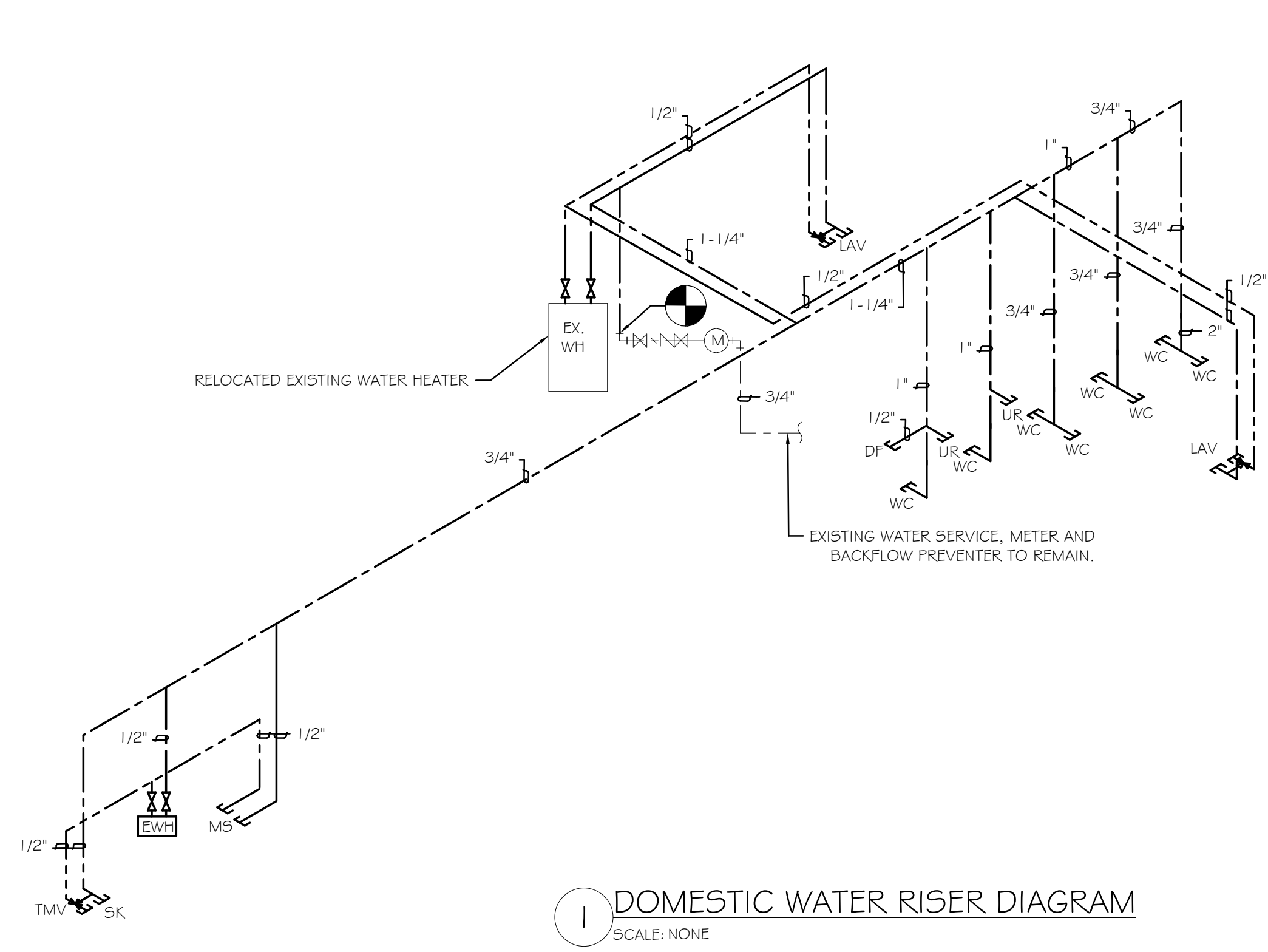
PLUMBING FIXTURE SCHEDULE, RISER DIAGRAMS AND DETAILS

BETHEL PARK, PA 15102
3200 INDUSTRIAL BOULEVARD

Barton & Loguidice



Date: 6/28/2022
Scale: AS SHOWN
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EQUIP DESIG	FIXTURE	FIXTURE UNITS								MANUFACTURER AND MODEL	REMARKS
		WSFU		CONNECTION SIZE (IN.)				VENT			
		DFU	COLD	HOT	CW	HW	WASTE				
WC	Water Closet (ADA Compliant)	4	5	-	1/2"	-	4"	2"	Kohler Highline K-3658 Church 29355	Vitreous china, floor mounted, two piece, flush tank, 1.28 gpf max. Provide with Church "29355" plastic elongated white seat. Provide with neoprene toilet seal/gasket.	
UR	Urinal (ADA Compliant)	2	5	-	3/4"	-	2"	1-1/2"	Kohler Bardon K-4991-ET Sloan SOLUS 8186-0.5-OR	White vitreous china, wall hung, 3/4" top spud unsl. Polished Chrome Finish, 0.5 GPF, battery powered flushometer.	
LAV	Lavatory (ADA Compliant)	1	1.5	1.5	1/2"	1/2"	1-1/2"	1-1/4"	BRADLEY VERGE LVAD2 WASHBAR DUO WBD1	Seamless, one-piece Eypress Lavatory Two Station System. Provide Washbar Duo Faucet & Soap Dispenser Combination. Provide battery operated and Thermal Mixing Valve options.	
DF	Drinking Fountain (ADA Compliant)	0.5	0.25	-	1/2"	-	1-1/2"	1-1/4"	Elkay EZH2O LZ5TL6W5LK	Bottle Filling Station & Versatile B-level ADA Cooler, Filtered & GPH Light Gray. Chilling Capacity of 8 GPH of 50°F drinking water.	
SK	Sink (ADA Compliant)	2	1	1	1/2"	1/2"	1-1/2"	1-1/4"	Elkay Lustertone LRADQ312265FD Zum Z812B4-XL	Elkay Lustertone™ Classic Stainless Steel 31" x 22" x 6-1/2", Single Bowl Drop-in ADA Sink with Perfect Drain and Quick-clip. Provide Zum Z812B4-XL 4" Centerset Gooseneck Faucet.	
TMV	Thermal Mixing Valve	-	-	-	1/2"	1/2"	-	-	Leonard model 170-LF	Set outlet temperature at 110°F maximum.	
MS	Mop Sink	2	2.5	2.5	1/2"	1/2"	3"	2"	Stern Williams HL-2110 T-10-VB, T-35, T-40, BP	Stern Williams HILLOW 36"x24"x12" Mop Sink. Provide T-10-VB faucet with vacuum breaker, adjustable top brace, 3/4" hose thread on spout with bucket hook inlets 8" on center, chrome finish. Provide T-35 Hose and wall hook. Hose 36" long, with 3/4" chrome couplings. Wall bracket of stainless steel. Provide T-40 Stainless Steel Mop Hanger of stainless steel with #4 finish, 24" long, with 3 rubber spring loaded grips. Provide BP Stainless Steel wall guards.	
EW1	Electric Water Heater	-	-	-	1/2"	1/2"	-	-	EDO24480T2T ML	Commercial/Industrial Thermostatic 3-Phase Tankless Electric Water Heater. 480V, 24kW, 10 AWG, 0.3 GPM turn-on with 4 GPM max flow.	
FCO	Floor Cleanout	-	-	-	-	-	4"	-	J.R. Smith 4120A	Duco cast iron floor cleanout with round adjustable sconated nickel-bronze top.	
WCO	Wall Cleanout	-	-	-	-	-	4"	-	J.R. Smith 9775	Stainless steel cover shallow wall cleanout with center screw.	

- NOTES:**
1. Provide all ancillary components such as wall carriers, mounting hardware, fixture supplies, stops, traps, etc.
 2. All equipment shall meet energy star requirements or equivalent.
 3. All supplies shall be braided flexible stainless steel.
 4. All stops and traps shall be McGuire chrome plated brass.

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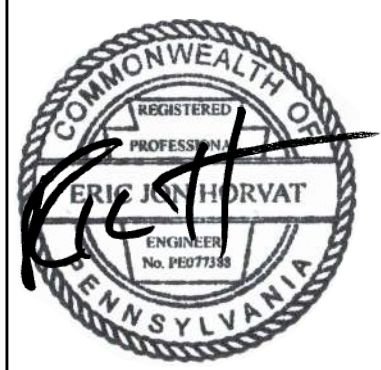
REVISIONS

NO.	DESCRIPTION

SNAPTOBER, LLC
D-BAT ALTERATIONS

ELECTRICAL FIRST FLOOR PLAN - NEW WORK

3200 INDUSTRIAL BOULEVARD
BETHEL PARK, PA 15102



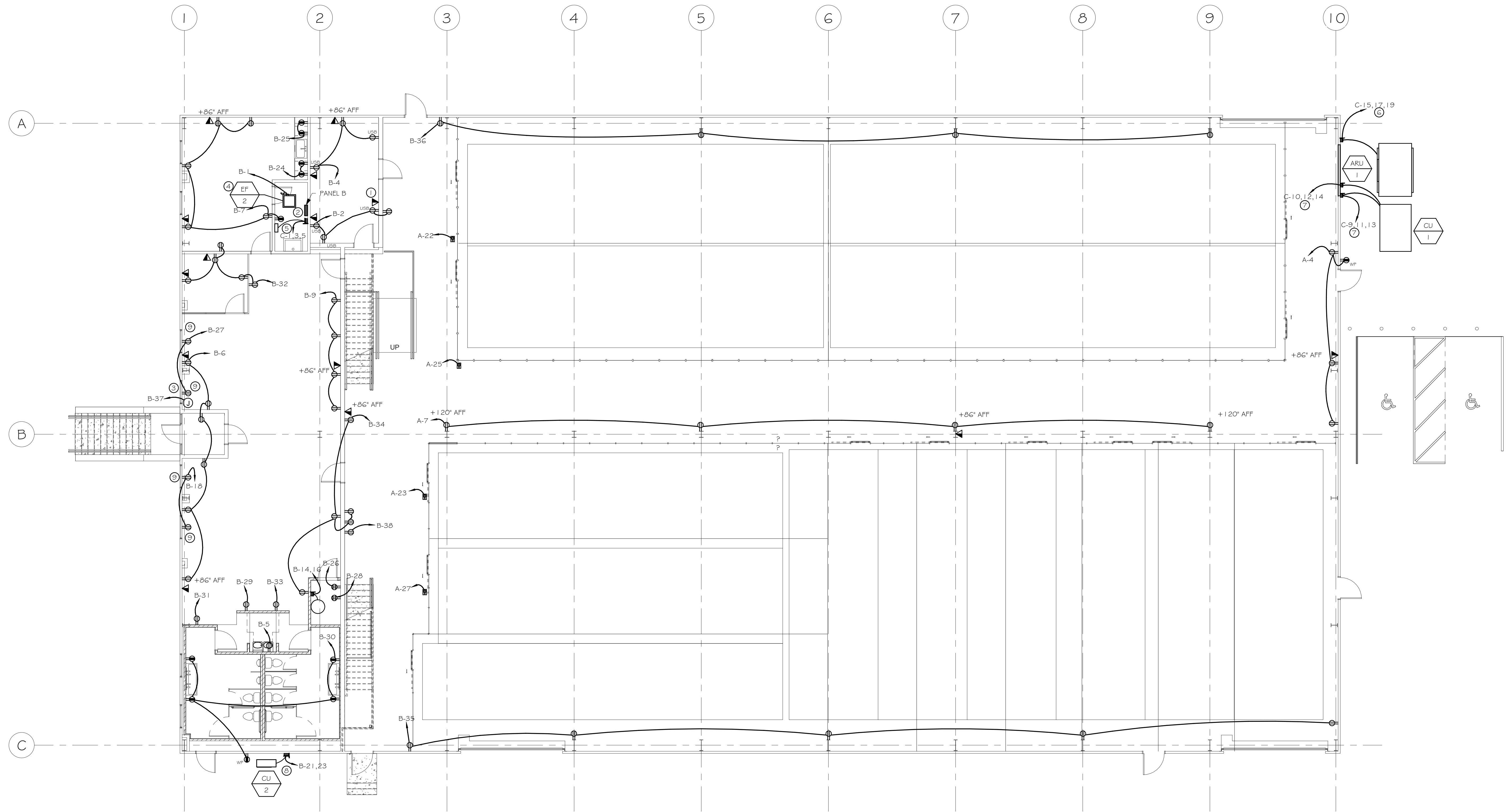
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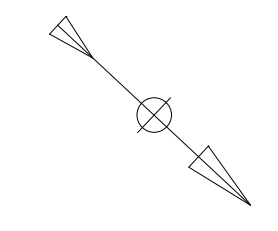
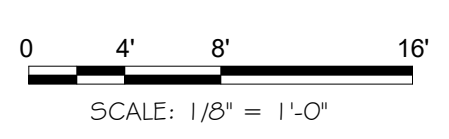
Sheet Number
E101

Project Number
22494

- GENERAL NOTES:**
- ALL NOTES ON SHEET MEPO01 APPLY TO THIS DRAWING.
 - PROVIDE THE FOLLOWING CIRCUIT CONDUCTORS BASED ON THE BREAKER RATINGS SHOWN IN THE PANELBOARD SCHEDULES:
 - 15A & 20A - #12AWG WITH #12AWG GND IN 3/4" CONDUIT
 - 25A & 30A - #10AWG WITH #10AWG GND IN 3/4" CONDUIT
 - 40A - #8AWG WITH #8AWG GND IN 3/4" CONDUIT
 - COORDINATE FINAL LAYOUT AND MOUNTING HEIGHT OF ALL ELECTRICAL DEVICES, DATA/COMMUNICATION DEVICES AND FIXTURES WITH OWNER PRIOR TO ROUGH-IN.
 - SEE PANELBOARD SCHEDULES AND ONE-LINE DIAGRAMS FOR CIRCUIT DESIGNATIONS AND ADDITIONAL INFORMATION.
 - REFER TO D-BAT PACKAGE DRAWINGS FOR NETWORK AND LOW VOLTAGE REQUIREMENTS.
- NEW WORK KEYED NOTES:**
- PROVIDE JUNCTION BOX AND CONDUIT IN WALL AS SHOWN IN DETAIL 3 ON SHEET EGO1 FOR DATA/COAX/MULTIWIRE CABLE AS SHOWN ON D-BAT LOW VOLTAGE DRAWINGS. TYPICAL ALL DATA OUTLETS.
 - PROVIDE PANEL B AND FEEDERS ACCORDING TO ONE-LINE DIAGRAM AND SCHEDULES.
 - PROVIDE JUNCTION BOX, AND BRANCH CIRCUITRY FROM PANEL AND TIME CLOCK FOR EXTERIOR SIGNAGE. COORDINATE WITH OWNER FOR FINAL LOCATION AND REQUIREMENTS FOR BRANCH CIRCUITRY ROUTING TO SIGNAGE.
 - PROVIDE 120V, SINGLE PHASE, 30A TOGGLE DISCONNECT SWITCH FOR EXHAUST FAN. PROVIDE BRANCH CIRCUITRY FROM PANEL TO DISCONNECT SWITCH AND EXHAUST FAN.
 - PROVIDE 480V, THREE PHASE, 60A HEAVY DUTY DISCONNECT SWITCH IN NEMA 1 RATED ENCLOSURE FOR WATER HEATER. PROVIDE BRANCH CIRCUITRY FROM PANEL TO DISCONNECT SWITCH AND WATER HEATER.
 - PROVIDE 480V, THREE PHASE, 30A HEAVY DUTY DISCONNECT SWITCH IN NEMA 1 RATED ENCLOSURE FOR AIR ROTATION UNIT. PROVIDE BRANCH CIRCUITRY FROM PANEL TO DISCONNECT SWITCH AND AIR ROTATION UNIT.
 - PROVIDE 480V, THREE PHASE, 30A HEAVY DUTY DISCONNECT SWITCH IN NEMA 3R RATED ENCLOSURE FOR CONDENSING UNIT. PROVIDE BRANCH CIRCUITRY FROM PANEL TO DISCONNECT SWITCH AND CONDENSING UNIT.
 - PROVIDE 208V, SINGLE PHASE, 60A HEAVY DUTY DISCONNECT SWITCH IN NEMA 3 RATED ENCLOSURE FOR HEAT PUMP. PROVIDE BRANCH CIRCUITRY FROM PANEL TO DISCONNECT SWITCH AND HEAT PUMP.
 - PROVIDE RECEPTACLE AND BRANCH CIRCUITRY FROM PANEL. MOUNT RECEPTACLE AT CEILING HEIGHT



1 ELECTRICAL FIRST FLOOR PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



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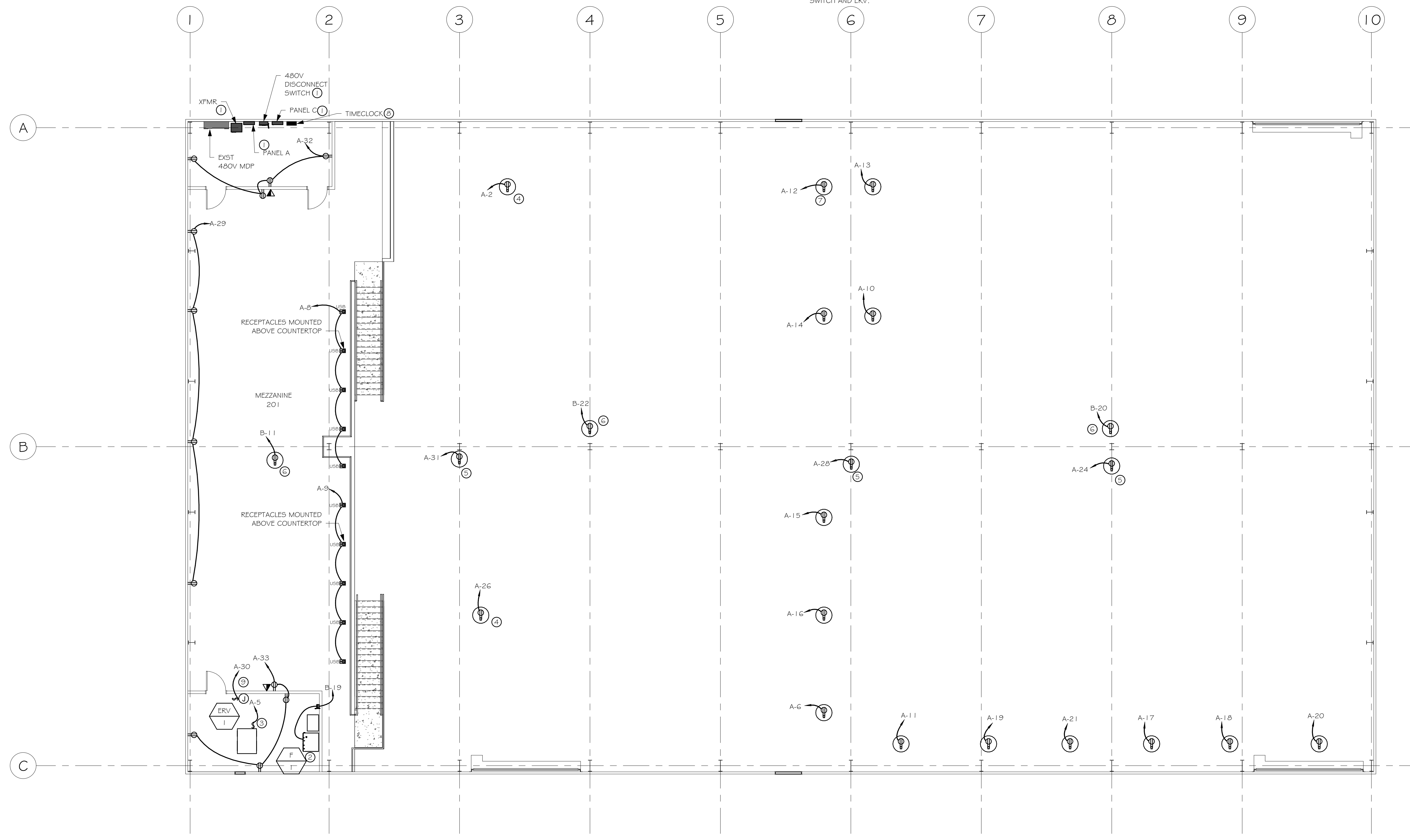
ELECTRICAL MEZZANINE FLOOR PLAN - NEW WORK
3200 INDUSTRIAL BOULEVARD
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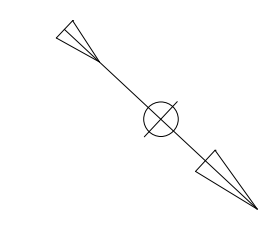
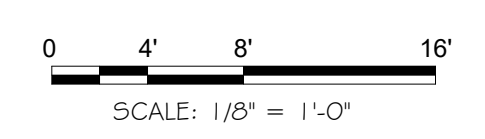


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- GENERAL NOTES:**
- ALL NOTES ON SHEET MEPO01 APPLY TO THIS DRAWING.
 - PROVIDE THE FOLLOWING CIRCUIT CONDUCTORS BASED ON THE BREAKER RATINGS SHOWN IN THE PANELBOARD SCHEDULES:
 - 15A - #20A - #12AWG WITH #12AWG GND IN 3/4" CONDUIT
 - 25A - #30A - #10AWG WITH #10AWG GND IN 3/4" CONDUIT
 - 40A - #90AWG WITH #10AWG GND IN 3/4" CONDUIT
 - COORDINATE FINAL LAYOUT AND MOUNTING HEIGHT OF ALL ELECTRICAL DEVICES, DATA/COMMUNICATION DEVICES AND FIXTURES WITH OWNER PRIOR TO ROUGH-IN. SEE PANELBOARD SCHEDULES AND ONE-LINE DIAGRAMS FOR CIRCUIT DESIGNATIONS AND ADDITIONAL INFORMATION.
- NEW WORK KEYED NOTES:**
- PROVIDE PANEL A & C, 75KVA TRANSFORMER, DISCONNECT SWITCH AND FEEDERS ACCORDING TO ONE-LINE DIAGRAM AND SCHEDULES. PROVIDE CIRCUIT BREAKERS IN MDP TO FEED PANEL C AND TRANSFORMER ACCORDING TO PANEL SCHEDULE.
 - PROVIDE 120V, 30A TOGGLE DISCONNECT SWITCH IN NEMA 1 RATED ENCLOSURE FOR FURNACE. PROVIDE BRANCH CIRCUITRY FROM PANEL TO DISCONNECT SWITCH AND FURNACE.
 - PROVIDE 120V, SINGLE PHASE, 30A TOGGLE DISCONNECT SWITCH IN NEMA 1 RATED ENCLOSURE FOR ERV UNIT. PROVIDE BRANCH CIRCUITRY FROM PANEL TO DISCONNECT SWITCH AND ERV.
 - PROVIDE CEILING MOUNTED CORD REEL RECEPTACLE FOR HITRAX MACHINE. COORDINATE LOCATIONS AND FINAL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
 - PROVIDE CEILING MOUNTED CORD REEL RECEPTACLE FOR CEILING FANS. COORDINATE LOCATIONS AND FINAL REQUIREMENTS WITH OWNER AND MANUFACTURER PRIOR TO ROUGH-IN.
 - PROVIDE CEILING MOUNTED CORD REEL RECEPTACLE FOR WIFI EQUIPMENT. COORDINATE LOCATIONS AND FINAL REQUIREMENTS WITH OWNER AND MANUFACTURER PRIOR TO ROUGH-IN.
 - PROVIDE CEILING MOUNTED CORD REEL RECEPTACLE FOR FITTING MACHINE. COORDINATE LOCATIONS AND FINAL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN. TYPICAL.
 - PROVIDE ASTRONOMICAL TIMECLOCK WITH 2-CHANNEL OUTPUTS FOR EXTERIOR LIGHTING AND SIGNAGE.
 - PROVIDE 120V, SINGLE PHASE, 30A TOGGLE DISCONNECT SWITCH FOR EXHAUST FAN. PROVIDE BRANCH CIRCUITRY FROM PANEL TO DISCONNECT SWITCH AND EXHAUST FAN.



1 ELECTRICAL MEZZANINE FLOOR PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



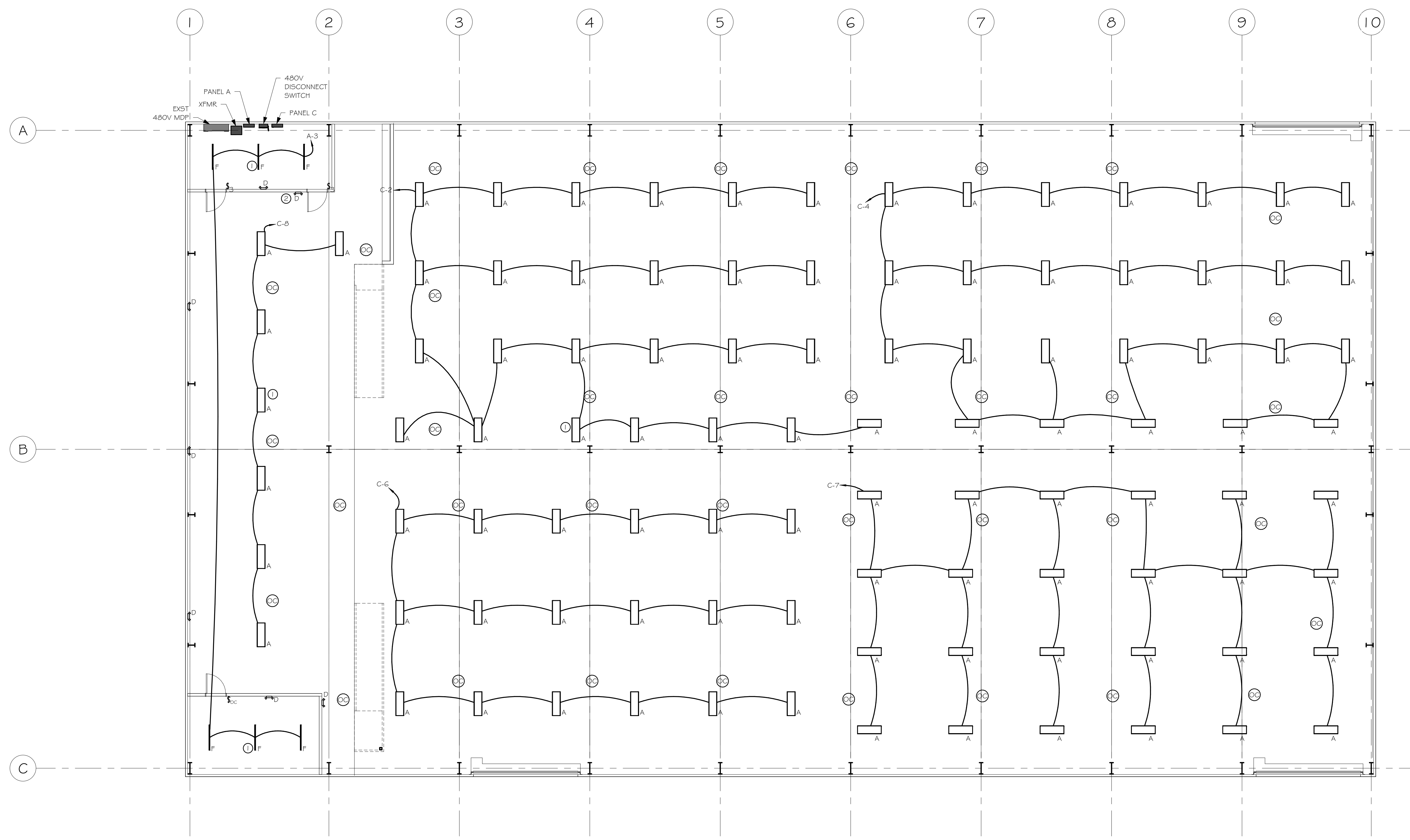
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- GENERAL NOTES:
- ALL NOTES ON SHEET MEPO01 APPLY TO THIS DRAWING.
 - PROVIDE THE FOLLOWING CIRCUIT CONDUCTORS BASED ON THE BREAKER RATINGS SHOWN IN THE PANELBOARD SCHEDULES:
 - 15A & 20A - #12AWG WITH #12AWG GND IN 3/4" CONDUIT
 - COORDINATE FINAL LAYOUT OF ALL LIGHTING DEVICES AND FIXTURES WITH OWNER PRIOR TO ROUGH-IN.
 - SEE PANELBOARD SCHEDULES AND ONE-LINE DIAGRAMS FOR CIRCUIT DESIGNATIONS AND ADDITIONAL INFORMATION.
 - LIGHTING CONTROL DEVICES ON LIGHTING PLAN INDICATE LOCATIONS ONLY. SEE LIGHTING CONTROL DIAGRAM AND SCHEDULES FOR ADDITIONAL LIGHTING CONTROL DEVICES AND WIRING REQUIRED.

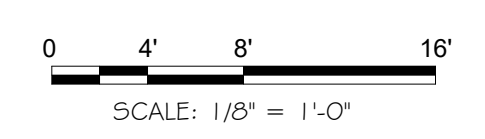
- NEW WORK KEYED NOTES:
- PROVIDE LIGHT FIXTURES PER SCHEDULE. PROVIDE LIGHTING CONTROL DEVICES AND CABLING TO LIGHT FIXTURES AS INDICATED ON SHEETS E501 & E502. PROVIDE BRANCH CIRCUITRY FROM PANEL TO LIGHT FIXTURES AND DEVICES. TYPICAL ALL NORMAL POWER LIGHT FIXTURES.
 - PROVIDE EXIT AND EMERGENCY LIGHT FIXTURES PER SCHEDULE. PROVIDE BRANCH CIRCUITRY FROM PANELBOARD TO FIXTURES. TYPICAL ALL EXIT AND EMERGENCY LIGHT FIXTURES.

REVISIONS

NO.	DESCRIPTION



2 ELECTRICAL LIGHTING MEZZANINE FLOOR PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



SNAPTOBER, LLC
D-BAT ALTERATIONS

ELECTRICAL LIGHTING MEZZANINE FLOOR PLAN -
NEW WORK

3200 INDUSTRIAL BOULEVARD

BETHEL PARK, PA 15102



Date	6/28/2022
Scale	AS SHOWN
Sheet Number	E202
Project Number	22494

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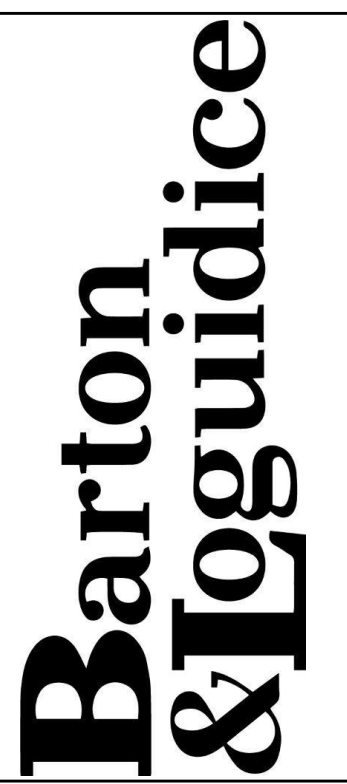
REVISIONS

NO.	DESCRIPTION

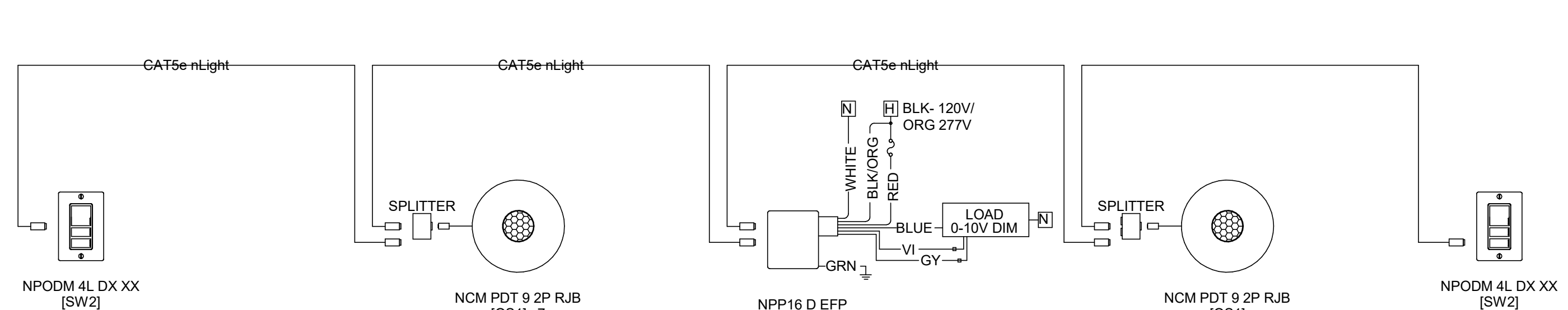
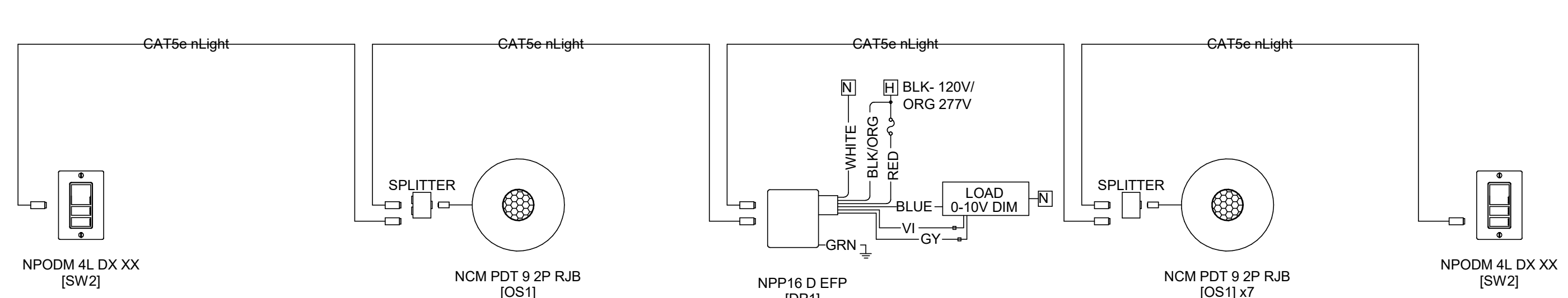
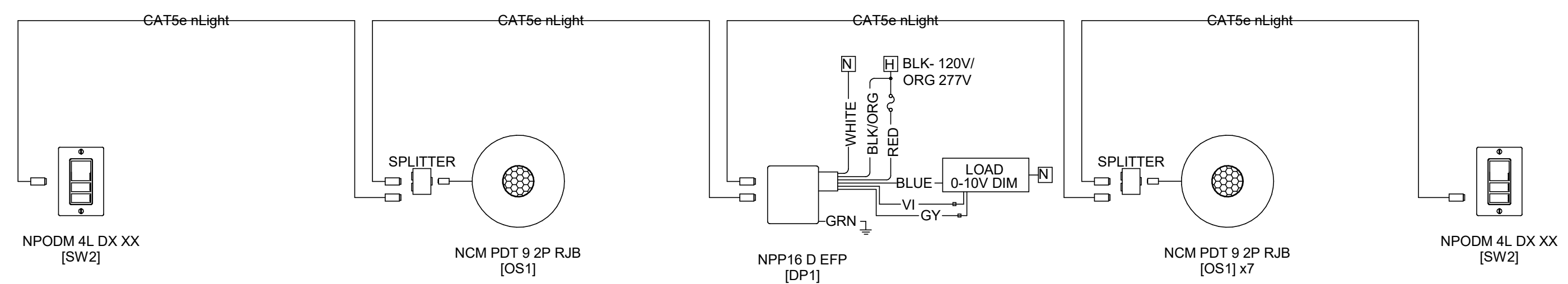
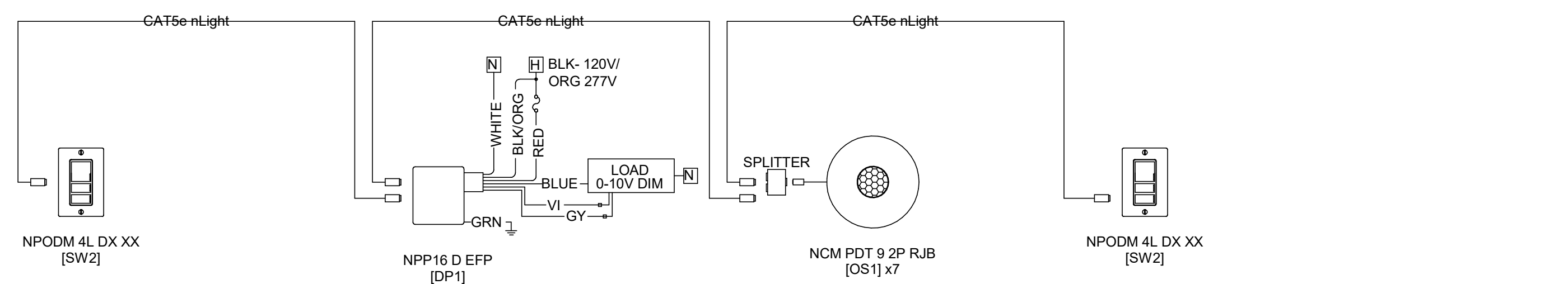
BETHEL PARK, PA 15102

SNAPTOBER, LLC
D-BAT ALTERATIONS
LIGHTING CONTROL DIAGRAMS

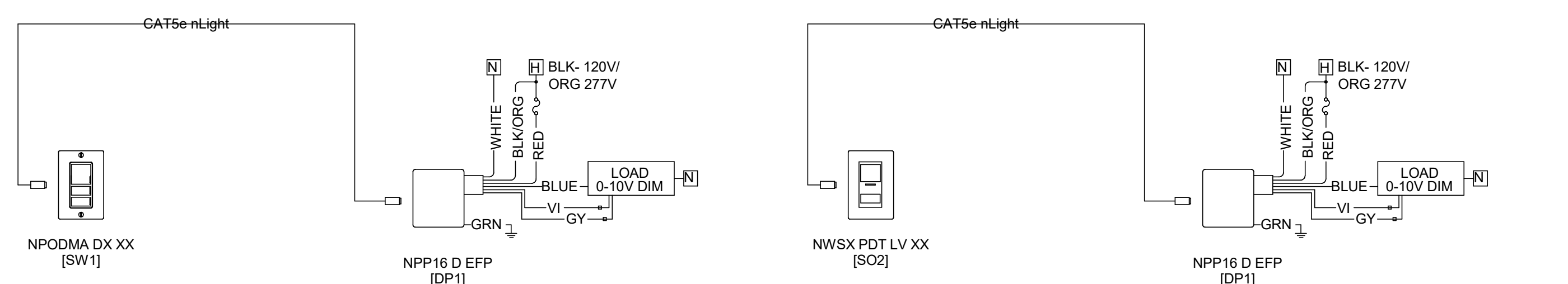
3200 INDUSTRIAL BOULEVARD



Date	6/28/2022
Scale	AS SHOWN
Sheet Number	E502
Project Number	22494

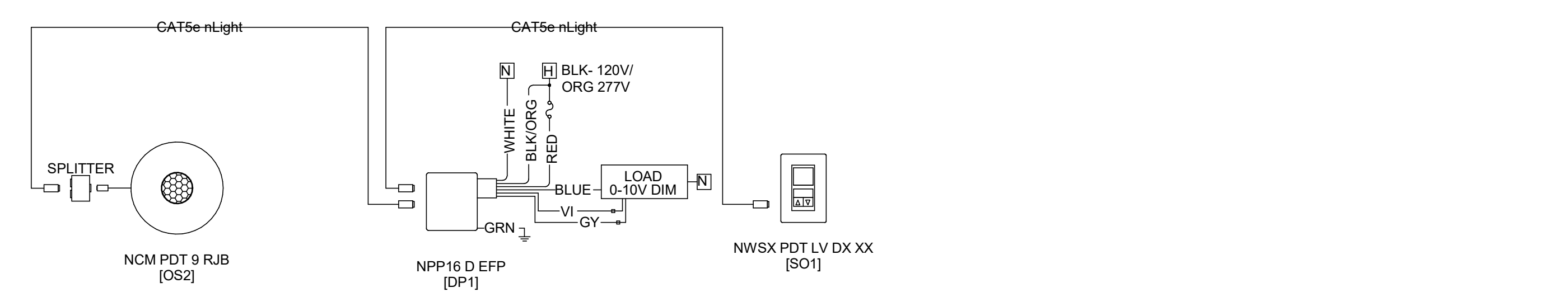


1 LIGHTING CONTROLS - BATTING AREA
SCALE: NONE

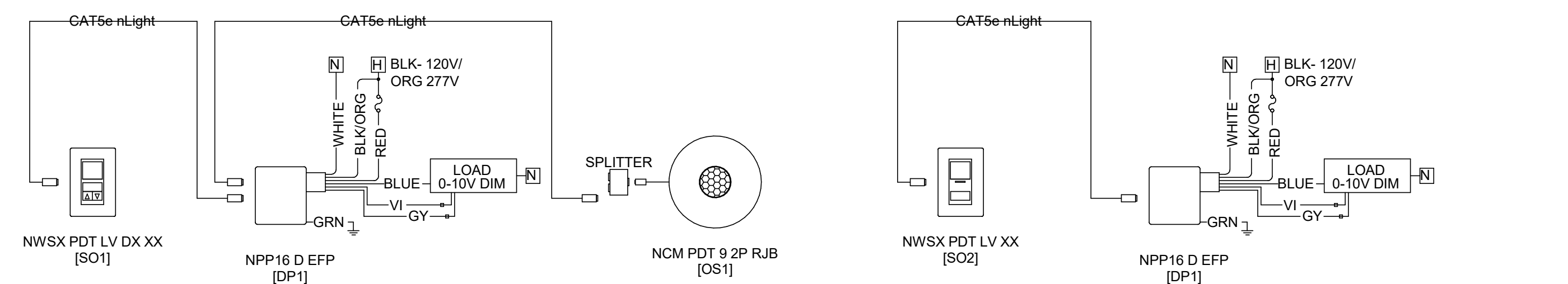


2 LIGHTING CONTROLS - ELEC ROOM
SCALE: NONE

3 LIGHTING CONTROLS - ENTRY VESTIBULE
SCALE: NONE

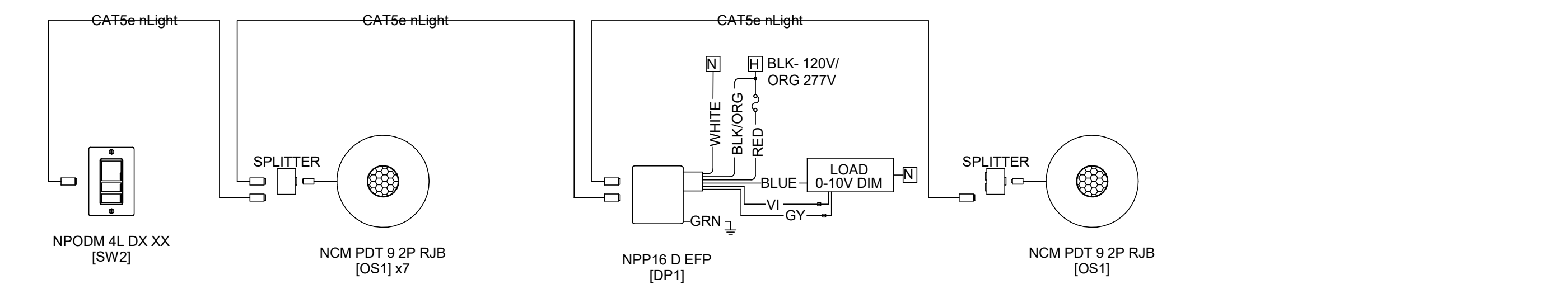


4 LIGHTING CONTROLS - GM OFFICE
SCALE: NONE

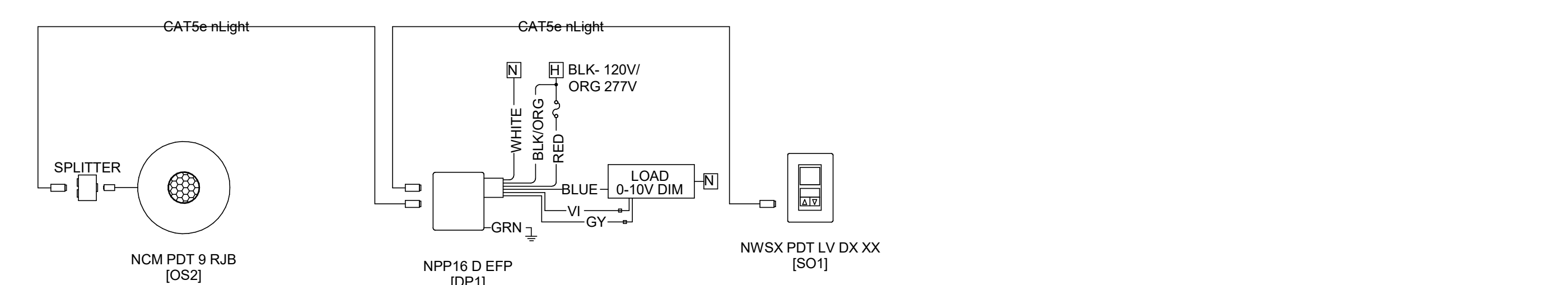


5 LIGHTING CONTROLS - INSTRUCTOR
SCALE: NONE

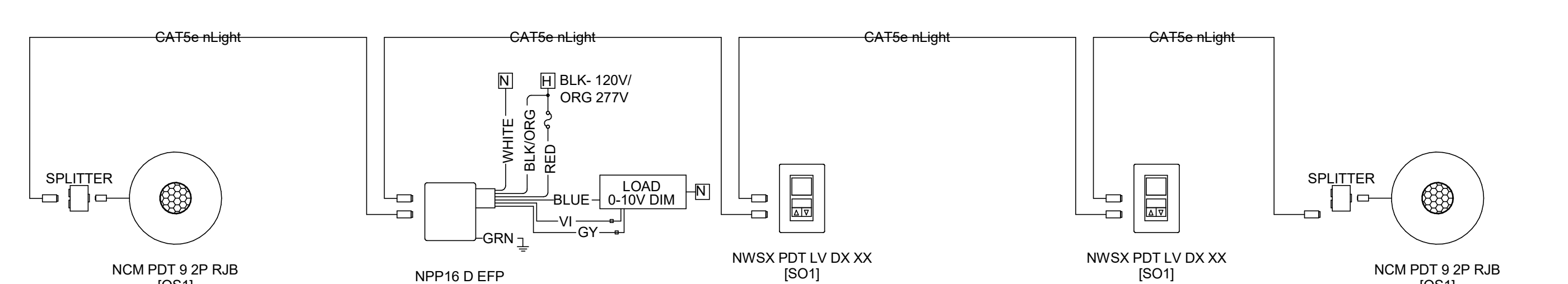
6 LIGHTING CONTROLS - MECH ROOM
SCALE: NONE



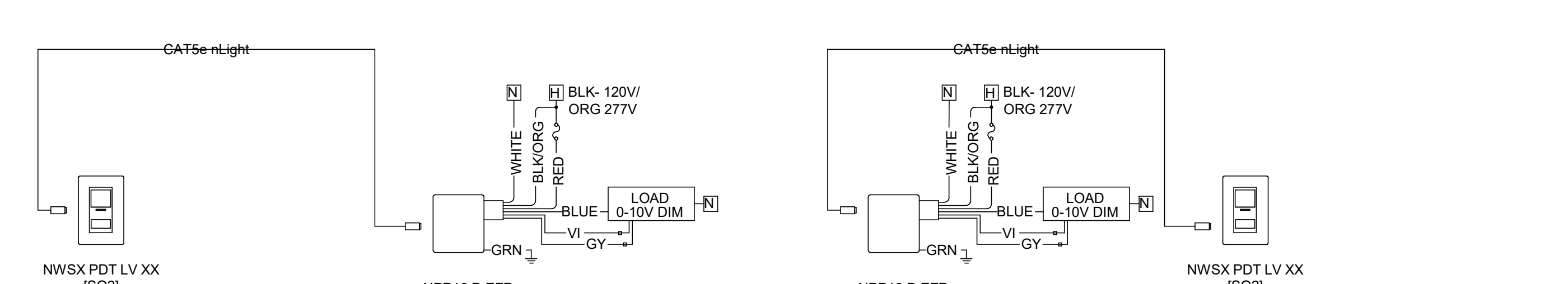
7 LIGHTING CONTROLS - MEZZANINE
SCALE: NONE



8 LIGHTING CONTROLS - GM OFFICE
SCALE: NONE



9 LIGHTING CONTROLS - PRO SHOP
SCALE: NONE



10 LIGHTING CONTROLS - RESTROOM
SCALE: NONE

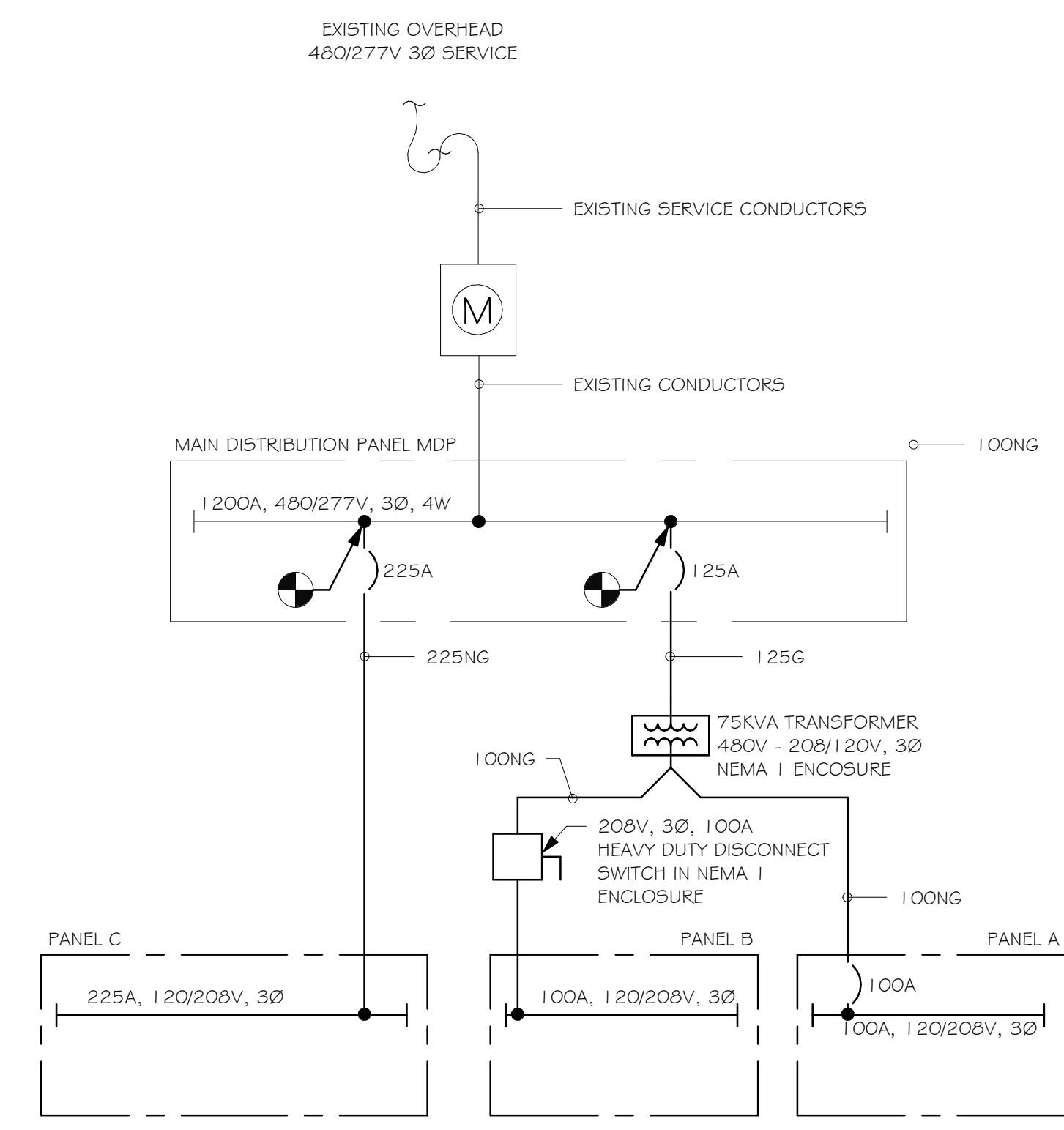
11 LIGHTING CONTROLS - STORAGE
SCALE: NONE

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GENERAL NOTES:
1. ALL NOTES ON MEPO01 APPLY TO THIS DRAWING.

REVISIONS

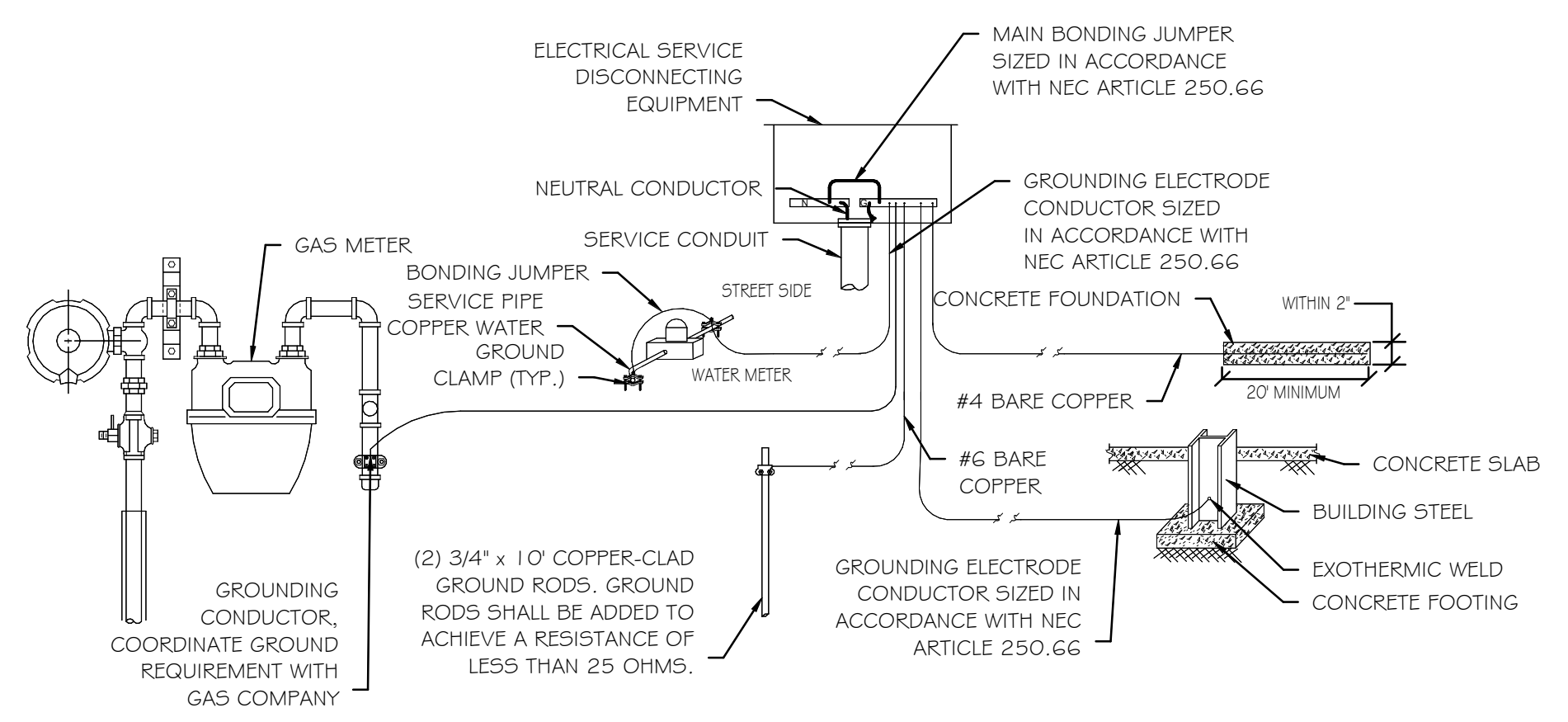
NO.	DESCRIPTION



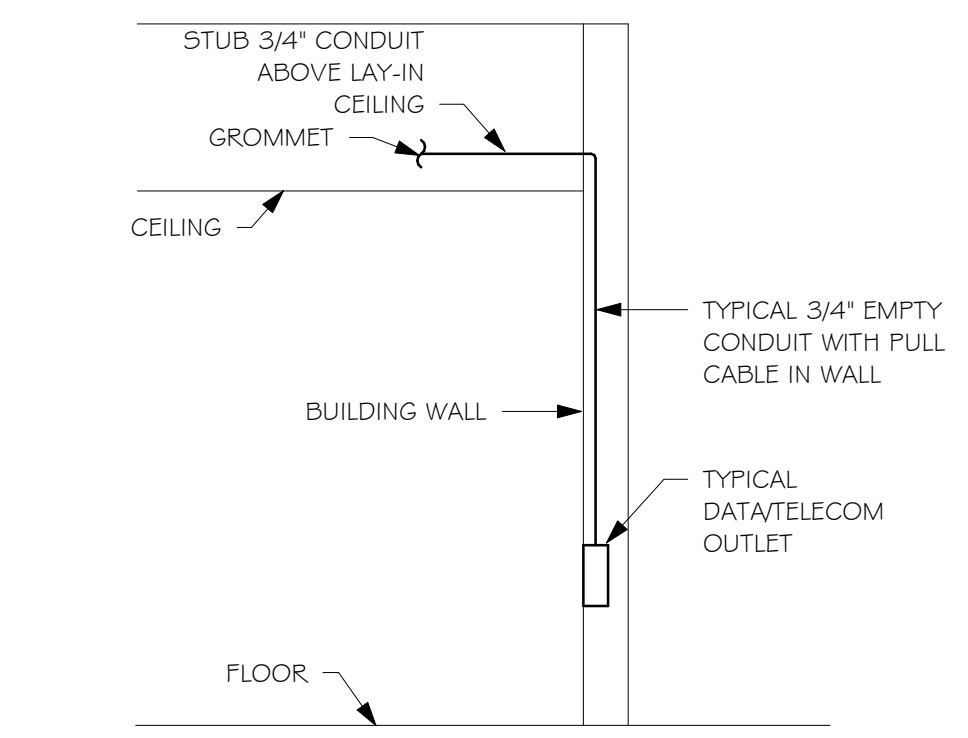
FEEDER DESIGNATION	CONDUCTOR SETS	CONDUCTOR SIZES			CONDUIT SETS	CONDUIT SIZE
		PHASE	NEUTRAL	GROUND		
20NG	1	#12	#12	#12	1	3/4"
30NG	1	#10	#10	#10	1	3/4"
40NG	1	#8	#8	#10	1	3/4"
50NG	1	#8	#8	#10	1	3/4"
60NG	1	#6	#6	#10	1	1"
70NG	1	#6	#6	#8	1	1"
80NG	1	#4	#4	#8	1	1-1/4"
90NG	1	#4	#4	#8	1	1-1/4"
100NG	1	#3	#3	#8	1	1-1/4"
125G	1	#2	-	#6	1	1-1/4"
225NG	1	4/0	4/0	#4	1	2-1/2"

NOTES:
1. REFER TO SHEET MEP001 FOR CONDUIT TYPES.
2. FEEDERS MAY HAVE BEEN UPSIZED TO ACCOUNT FOR VOLTAGE DROP.
3. ALL CONDUCTORS SHALL BE COPPER.
4. CONDUCTORS FOR MULTIPLE CIRCUITS MAY BE GROUPED AS PERMITTED BY THE NEC. INCREASE CONDUCTOR AND CONDUIT SIZES ACCORDINGLY.
5. ALL 20A CIRCUITS SHALL USE FEEDER 20NG UNLESS NOTED OTHERWISE.
6. ALL 30A CIRCUITS SHALL USE FEEDER 30NG UNLESS NOTED OTHERWISE.
7. FEEDER SIZES SHALL BE CONTINUED AS IDENTIFIED THROUGHOUT CIRCUIT UNLESS SPECIFICALLY CHANGED.

1 ELECTRICAL ONE-LINE DIAGRAM - NEW WORK
SCALE: NONE



2 SERVICE GROUNDING DETAIL
SCALE: NONE

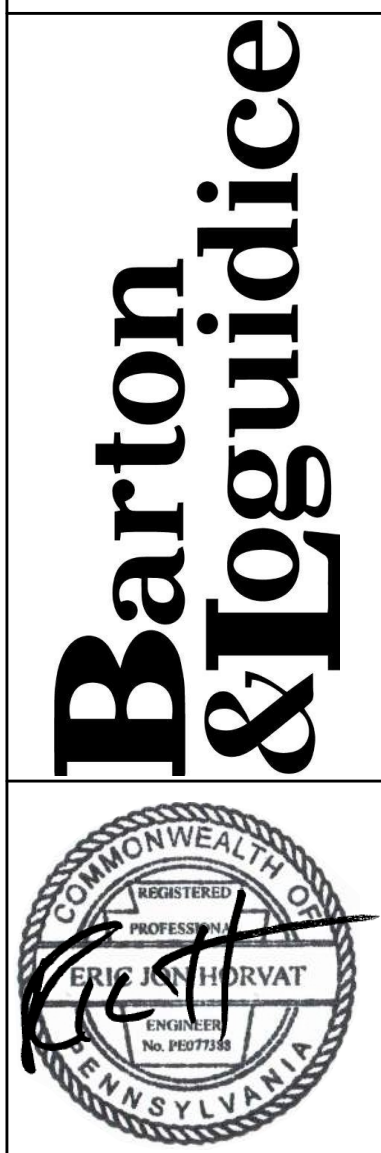


3 DATA/CONDUIT DETAIL
SCALE: NONE

ELECTRICAL DIAGRAMS, DETAILS AND SCHEDULES

SNAPTOBER, LLC
D-BAT ALTERATIONS

3200 INDUSTRIAL BOULEVARD
BETHEL PARK, PA 15102



Date: 6/28/2022
Scale: AS SHOWN
Sheet Number: E601
Project Number: 22494

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GENERAL NOTES:
 1. ALL NOTES ON MEPOO1 APPLY TO THIS DRAWING.

PANEL SCHEDULE MDP																
PANEL SECTION		PANEL VOLTAGE (VOLTS)		480/277		PANEL NOTES:										
PANEL LOCATION		PANEL BUS RATING (AMPS)		1200												
PANEL MOUNTING		FAULT CURRENT RATING (AIC)		1200												
		MAIN LUG ONLY (AMPS)		1200												
CKT	CIRCUIT DESIGNATION	LOAD TYPE	CB RATING	CB POLES	A (VA)	B (VA)	C (VA)	A (VA)	B (VA)	C (VA)	CB POLES	CB RATING	LOAD TYPE	CIRCUIT DESIGNATION	CKT	
1	PANEL C	Other; HVAC; Lighting	225 A	3	30482...			12175 VA				3	125 A	Other; Power; HVA...	XFMR	2
3					25682...			13351...			4					
5						24402 VA			14526...							6
7	SPARE	--	200 A	3	O VA			O VA			3	200 A	--	SPARE	8	
9						O VA			O VA						10	
11						O VA			O VA						12	
13	SPARE	--	200 A	3	O VA			O VA			3	200 A	--	SPARE	14	
15						O VA			O VA						16	
17						O VA			O VA						18	
LOAD CLASSIFICATION		CONNECTED LOAD		LOAD DEMAND FACTOR		CALCULATED LOAD		PANEL TOTALS								
LIGHTING		16623 VA		100.00%		16623 VA		TOTAL CONNECTED LOAD (VA): 117237 VA								
RECEPTACLE		21240 VA		FIRST 10KVA AT 100% REMAINING AT 50%		15620 VA		TOTAL ESTIMATED DEMAND (VA): 111617 VA								
MOTOR		7592 VA		LARGEST AT 125% REMAINING AT 100%		7592 VA		TOTAL CONNECTED (A): 141 A								
HVAC		37417 VA		100.00%		37417 VA		TOTAL ESTIMATE DEMAND (A): 134 A								
KITCHEN EQUIPMENT																

PANEL SCHEDULE A															
PANEL SECTION		PANEL VOLTAGE (VOLTS)		208/120		PANEL NOTES:									
PANEL LOCATION		PANEL BUS RATING (AMPS)		100											
PANEL MOUNTING		FAULT CURRENT RATING (AIC)		18,000											
		MAIN CIRCUIT BREAKER (AMPS)		100											
CKT	CIRCUIT DESIGNATION	LOAD TYPE	CB RATING	CB POLES	A (VA)	B (VA)	C (VA)	A (VA)	B (VA)	C (VA)	CB POLES	CB RATING	LOAD TYPE	CIRCUIT DESIGNATION	CKT
1	EMERGENCY/EGRESS LIGHTING	Lighting	20 A	1	64 VA			180 VA			1	20 A	Rece...	HITTRAX REC	2
3	ELEC/MECH ROOM LIGHTING	Lighting	20 A	1		210 VA			720 VA		1	20 A	Rece...	BATTING CAGE AREA RECS	4
5	ERV-1	Other	25 A	1			2460 VA			180 VA	1	20 A	Rece...	PITCHING MACHINE REC	6
7	BATTING CAGE AREA RECS	Rece...	20 A	1	720 VA			900 VA			1	20 A	Power	MEZZANINE RECS	8
9	MEZZANINE RECS	Power	20 A	1		900 VA			180 VA		1	20 A	Rece...	PITCHING MACHINE REC	10
11	PITCHING MACHINE REC	Rece...	20 A	1			180 VA			180 VA	1	20 A	Rece...	PITCHING MACHINE REC	12
13	PITCHING MACHINE REC	Rece...	20 A	1	180 VA			180 VA			1	20 A	Rece...	PITCHING MACHINE REC	14
15	PITCHING MACHINE REC	Rece...	20 A	1		180 VA			180 VA		1	20 A	Rece...	PITCHING MACHINE REC	16
17	PITCHING MACHINE REC	Rece...	20 A	1		180 VA			180 VA		1	20 A	Rece...	PITCHING MACHINE REC	18
19	PITCHING MACHINE REC	Rece...	20 A	1	180 VA			180 VA			1	20 A	Rece...	PITCHING MACHINE REC	20
21	PITCHING MACHINE REC	Rece...	20 A	1		180 VA			180 VA		1	20 A	Power	KIOSK REC	22
23	KIOSK REC	Power	20 A	1			180 VA			540 VA	1	20 A	Rece...	CEILING FAN REC	24
25	KIOSK REC	Power	20 A	1	180 VA			180 VA			1	20 A	Rece...	HITTRAX REC	26
27	KIOSK REC	Power	20 A	1		180 VA			540 VA		1	20 A	Rece...	CEILING FAN REC	28
29	MEZZANINE RECS	Rece...	20 A	1			720 VA			500 VA	1	20 A	Power	EF-1	30
31	CEILING FAN REC	Rece...	20 A	1	540 VA			720 VA			1	20 A	Rece...	ELECTRICAL ROOM RECS	32
33	MECHANICAL ROOMS RECS	Rece...	20 A	1		720 VA			O VA		1	20 A	--	SPARE	34
35	EXTERIOR LIGHTING	--	20 A	1		150 VA			O VA		1	20 A	--	SPARE	36
37	SPARE	--	20 A	1	O VA				O VA		1	20 A	--	SPARE	38
39	SPARE	--	20 A	1					O VA		1	20 A	--	SPARE	40
41	SPARE	--	20 A	1					O VA		1	20 A	--	SPARE	42
LOAD CLASSIFICATION		CONNECTED LOAD		LOAD DEMAND FACTOR		CALCULATED LOAD		PANEL TOTALS							
LIGHTING		274 VA		100.00%		274 VA		TOTAL CONNECTED LOAD (VA): 13824 VA							
RECEPTACLE		7920 VA		FIRST 10KVA AT 100% REMAINING AT 50% LARGEST AT 125% REMAINING AT 100%		7920 VA		TOTAL ESTIMATED DEMAND (VA): 13824 VA							
MOTOR								TOTAL CONNECTED (A): 38 A							
HVAC								TOTAL ESTIMATE DEMAND (A): 38 A							
KITCHEN EQUIPMENT															

PANEL SCHEDULE B															
PANEL SECTION		PANEL VOLTAGE (VOLTS)		208/120		PANEL NOTES:									
PANEL LOCATION		PANEL BUS RATING (AMPS)		100		* PROVIDE GFCI TYPE CIRCUIT BREAKER.									
PANEL MOUNTING		FAULT CURRENT RATING (AIC)		18,000											
		MAIN LUG ONLY (AMPS)		100											
CKT	CIRCUIT DESIGNATION	LOAD TYPE	CB RATING	CB POLES	A (VA)	B (VA)	C (VA)	A (VA)	B (VA)	C (VA)	CB POLES	CB RATING	LOAD TYPE	CIRCUIT DESIGNATION	CKT
1	EF-2	HVAC	15 A	1	31 VA			720 VA			1	20 A	Rece...	INSTRUCTORS RECS	2
3	Lighting	Lighting	20 A	1		35 VA			540 VA		1	20 A	Rece...	INSTRUCTORS RECS	4
5	* WATER FOUNTAIN REC	Rece...	20 A	1			180 VA			1080 VA	1	20 A	Rece...	PRO SHOP RECS	6
7	PARTY ROOM RECS	Rece...	20 A	1	1080 VA			314 VA			1	20 A	Lighting	FIRST FLOOR LIGHTING	8
9	PRO SHOP RECS	Rece...	20 A	1		720 VA			O VA		1	20 A	--		10
11	WIRELESS ACCESS POINT	Rece...	20 A	1			180 VA			O VA	1	20 A	--		12
13								1690 VA			2	25 A	Other	WATER HEATER	14
15									1690 VA						16
17										360 VA	1	20 A	Rece...	SHOW WINDOW RECS	18
19	HVAC	HVAC	20 A	1	1056 VA			180 VA			1	20 A	Rece...	WIRELESS ACCESS POINT	20
21	CU-2	HVAC	40 A	2		3796 VA			180 VA		1	20 A	Rece...	WIRELESS ACCESS POINT	22
23							3796 VA			360 VA	1	20 A	Rece...	PARTY ROOM KITCHENETTE RECS	24
25	PARTY ROOM KITCHENETTE RECS	Rece...	20 A	1	360 VA			360 VA			1	20 A	Rece...	DATA CLOSET RECS	26
27	SHOW WINDOW RECS	Rece...	20 A	1		360 VA			360 VA		1	20 A	Rece...	DATA CLOSET RECS	28
29	*VENDING MACHINE REC	Rece...	20 A	1			600 VA			900 VA	1	20 A	Rece...	RESTROOMS RECS	30
31	*VENDING MACHINE REC	Rece...	20 A	1	600 VA			900 VA			1	20 A	Rece...	GM OFFICE RECS	32
33	*VENDING MACHINE REC	Rece...	20 A	1		600 VA			900 VA		1	20 A	Rece...	PRO SHOP RECS	34
35	702 C WALL RECS	Rece...	20 A	1			900 VA			720 VA	1	20 A	Rece...	702 A WALL RECS	36
37	EXTERIOR SIGNAGE	Power	20 A	1	500 VA			180 VA			1	20 A	Rece...	LIGHTED SIGN	38
39	SPARE	--	20 A	1		O VA			O VA		1	20 A	--	SPARE	40
41	SPARE	--	20 A	1					O VA		1	20 A	--	SPARE	42
LOAD CLASSIFICATION		CONNECTED LOAD		LOAD DEMAND FACTOR		CALCULATED LOAD		PANEL TOTALS							
LIGHTING		349 VA		100.00%		349 VA		TOTAL CONNECTED LOAD (VA): 22848 VA							
RECEPTACLE		13320 VA		FIRST 10KVA AT 100% REMAINING AT 50% LARGEST AT 125% REMAINING AT 100%		11660 VA		TOTAL ESTIMATED DEMAND (VA): 21188 VA							
MOTOR		7592 VA				7592 VA		TOTAL CONNECTED (A): 63 A							
HVAC		1087 VA		100.00%		1087 VA		TOTAL ESTIMATE DEMAND (A): 59 A							
KITCHEN EQUIPMENT															

PANEL SCHEDULE C																	
PANEL SECTION		PANEL VOLTAGE (VOLTS)		480/277		PANEL NOTES:											
PANEL LOCATION		PANEL BUS RATING (AMPS)		225													
PANEL MOUNTING		FAULT CURRENT RATING (AIC)		35,000													
		MAIN CIRCUIT BREAKER (AMPS)		225													
CKT	CIRCUIT DESIGNATION	LOAD TYPE	CB RATING	CB POLES	A	B	C	A	B	C	CB POLES	CB RATING	LOAD TYPE	CIRCUIT DESIGNATION	CKT		
1	ELECTRIC WATER HEATER EWH	Other	40 A	3	9412 VA			4000 VA			1	20 A	Lighting	BATTING AREA LIGHTING	2		
3						9412 VA			4160 VA			1	20 A	Lighting	BATTING AREA LIGHTING	4	
5							9412 VA			2880 VA			1	20 A	Lighting	BATTING AREA LIGHTING	6
7	BATTING AREA LIGHTING	Lighting	20 A	1	3840 VA			1120 VA			1	20 A	Lighting	MEZZANINE LIGHTING	8		
9	CU-1	HVAC	25 A	3		6436 VA			830 VA		3	15 A	HVAC	CU-1	10		
11							6436 VA			830 VA							12
13								6436 VA			830 VA						
15	ARU-1	HVAC	30 A	3		4844 VA									16		
17							4844 VA										18
19								4844 VA									
21															22		
23															24		
25															26		
27															28		
29															30		
31															32		
33															34		
35															36		
37															38		
39															40		
41															42		
LOAD CLASSIFICATION		CONNECTED LOAD		LOAD DEMAND FACTOR		CALCULATED LOAD		PANEL TOTALS									
LIGHTING		16000 VA		100.00%		16000 VA		TOTAL CONNECTED LOAD (VA): 80565 VA									
RECEPTACLE				FIRST 10KVA AT 100% REMAINING AT 50% LARGEST AT 125% REMAINING AT 100%				TOTAL ESTIMATED DEMAND (VA): 80565 VA									
MOTOR								TOTAL CONNECTED (A): 97 A									
HVAC		36330 VA		100.00%		36330 VA		TOTAL ESTIMATE DEMAND (A): 97 A									
KITCHEN EQUIPMENT																	

REVISIONS
