

ABBREVIATIONS

A.B. ANCHOR BOLT	FL. FLOOR	PART. PARTITION
ABV ABOVE	F.L. FLOW LINE	PART. BD. PARTICLE BOARD
ACT ACOUSTIC CEILING TILE	FLASH FLASHING	PL. PLATE
A/C ASPHALTIC CONCRETE	FLEX. FLEXIBLE	PLAS. PLASTER
AC. ACOUSTICAL	FLUOR. FLUORESCENT	PL.GL. PLATE GLASS
ADJ. ADJUSTABLE	F.O.C. FACE OF CONCRETE	PLAM. PLASTIC LAMINATE
AFF ABOVE FINISH FLOOR	F.O.F. FACE OF FINISH	PLYWD. PLYWOOD
AGGR. AGGREGATE	F.O.S. FACE OF STUDS	PNL. PANEL
ALUM ALUMINUM	FNDN. FOUNDATION	P.O.C. POINT OF CONNECTION
ALT ALTERNATE	FPRF. FIREPROOF	PR. PAIR
APPROX APPROXIMATE	FP/HB FROSTPROOF HOSE BIBB	PRCST. PRECAST
ARCH ARCHITECT OR ARCHITECTURAL	FR. FRAME	PT. POINT
	FRP FIBER REINFORCED PANEL	PVC POLYVINYL CHLORIDE
	FT. FOOT OR FEET	
	FTG. FOOTING	
	FURR. FURRING	
	FUT. FUTURE	
		Q.T. QUARRY TILE
		R. RISER
		RAD. RADIUS
		R.B. RESILIENT BASE
		R.D. ROOF DRAIN
		RECOM. RECOMMENDED
		REF. REFERENCE
		REFR. REFRIGERATOR
		REINF. REINFORCED
		REQD. REQUIRED
		RESIL. RESILIENT
		RET. RETAINING
		REV. REVISE OR REVISION
		RM. ROOM
		R.O. ROUGH OPENING
		RDWD. REDWOOD
		R.W.L. RAIN WATER LEADER
		S. SOUTH
		S.B. SPLASH BLOCK
		SCWD. SOLID CORE WOOD DOOR
		SCHED. SCHEDULE
		SCUP. SCUPPER
		SD. STORM DRAIN
		SECT. SECTION
		SG. SPANDREL GLASS
		SHF. SHELF
		SHR. SHEET
		SHWR. SHOWER
		SIM. SIMILAR
		S&P. SHELF & POLE
		SPEC. SPECIFICATION
		SQ. SQUARE
		SS. SANITARY SEWER
		SSMH. SANITARY SEWER MAN HOLE
		S.STL. STAINLESS STEEL
		STA. STATION
		STD. STANDARD
		STL. STEEL
		STOR. STORAGE
		STRUCT. STRUCTURAL
		SUSP. SUSPENDED
		SYM. SYMMETRICAL
		S.G.L. SOLAR GLASS
		S. to S. STUD TO STUD
		T. TREAD or TEMPERED
		T.B. TACK BOARD
		T.O.BM. TOP OF BEAM
		T.O.C. TOP OF CURB
		T.D. TOILET PAPER DISPENSER
		T&G. TONGUE & GROOVE
		T.O.BL. TOP OF BLOCK
		T.O.P. TOP OF PLATE
		T.O.S. TOP OF STEEL
		T.P. TOP OF PAVEMENT
		TV. TELEVISION
		T.O.W. TOP OF WALL
		TPO. THERMOPLASTIC POLYOLEFIN
		TEL. TELEPHONE
		TEMP. TEMPERED OR TEMPORARY
		TERR. TERRAZZO
		THK. THICK
		THRESH. THRESHOLD
		TRANS. TRANSFORMER
		TYP. TYPICAL
		U.L. UNDERWRITERS LABORATORY
		U.H. UNIT HEATER
		U.N.O. UNLESS NOTED OTHERWISE
		VCT. VINYL COMPOSITION TILE
		VERT. VERTICAL
		VEST. VESTIBULE
		V.I.F. VERIFY IN FIELD
		VT. VINYL TILE
		VWC. VINYL WALL COVERING
		W. WEST
		W/ WITH
		W.C. WATER CLOSET
		WD. WOOD
		WDW. WINDOW
		W.GL. WIRE GLASS
		WH. WATER HEATER
		W.I. WROUGHT IRON
		W/O. WITHOUT
		WP. WATERPROOF
		WR. WASTE RECEIPTACLE
		WSCOT. WAINSCOT
		WT. WEIGHT
		WUI. WILDLAND-URBAN INTERFACE
		WV. WATER VALVE
		WWM. WELDED WIRE MESH
		YD. YARD
		YD. YARD DRAIN
BD. BOARD	GA. GAUGE	
BLDG. BUILDING	GALV. GALVANIZED	
BLK. BLOCK	G.B. GRAB BAR	
BLKG. BLOCKING	GD. GARBAGE DISPOSAL	
BLW. BELOW	G.I. GALVANIZED IRON	
BM. BEAM	GL. GLASS OR GLAZE	
B.M. BENCHMARK	GLB. GLUE-LAMINATED BEAM	
B.O.B. BOTTOM OF BEAM	GLU-LAM. GLUE-LAMINATED	
B.O.C. BACK OF CURB	GND. GROUND	
B.O.F. BOTTOM OF FOOTING	GR. GRADE	
B.O.S. BOTTOM OF STRUCTURE	GSF. GROSS SQUARE FEET	
BOT. BOTTOM	GYP. BD. GYPSUM BOARD	
		H.B. HOSE BIBB
		H.C. HOLLOW CORE
		HDBD. HARDBOARD
		HDWD. HARDWOOD
		HDWR. HARDWARE
		HM. HOLLOW METAL
		HORIZ. HORIZONTAL
		HR. HOUR
		HT. HEIGHT
		I.D. INSIDE DIAMETER
		I.E. INVERT ELEVATION
		IN. INCH
		INCL. INCLUDING
		INSUL. INSULATION
		INT. INTERIOR
		JAN. JANITOR
		JT. JOINT
		K.D. KILN DRIED
		KIT. KITCHEN
		KO. KNOCKOUT
		K.P. KICK PLATE
		LAB. LABORATORY
		LAM. LAMINATE
		LAV. LAVATORY
		L.B. POUND
		LF. LINEAR FEET
		LSL. LAMINATED STRAND LUMBER
		LT. LEFT
		LV. LOUVER
		LVL. LAMINATED VENEER LUMBER
		LVT. LUXURY VINYL TILE
		MACH. MACHINE
		MATL. MATERIAL
		MAX. MAXIMUM
		M.B. MACHINE BOLT
		MECH. MECHANICAL
		MEZZ. MEZZANINE
		MFG. MANUFACTURING
		MFR. MANUFACTURER
		MH. MANHOLE
		MIN. MINIMUM OR MINUTE
		MIR. MIRROR
		MISC. MISCELLANEOUS
		M.O. MASONRY OPENING
		M.S. MACHINE SCREW
		MTD. MOUNTED
		MTL. METAL
		MULL. MULLION
		N. NORTH
		N.A.P. NOT A PART
		N.I.C. NOT IN CONTRACT
		NO. or # NUMBER
		NOM. NOMINAL
		N.T.S. NOT TO SCALE
		OBS. OBSCURE
		O.C. ON CENTER
		OCC. OCCUPANCY
		O.D. OUTSIDE DIAMETER
		OFF. OFFICE
		O.F/O.I. OWNER FURNISHED/OWNER INSTALLED
		O.H. OVERHEAD
		OPNG. OPENING
		OPP. OPPOSITE
		O.R.D. OVERFLOW ROOF DRAIN
		OSB. ORIENTED STRAND BOARD
		O.T.S. OPEN TO STRUCTURE
		OBS. OBSCURE
		O.C. ON CENTER
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		OPNG. OPENING
		OPP. OPPOSITE
		O.R.D. OVERFLOW ROOF DRAIN
		OSB. ORIENTED STRAND BOARD
		O.T.S. OPEN TO STRUCTURE

GENERAL NOTES

- THESE GENERAL NOTES PERTAIN TO WORK DESCRIBED ON ALL CONTRACT DOCUMENTS.
- THE CONTRACT DOCUMENTS CONSIST OF THE OWNER CONTRACTOR AGREEMENT, THE CONDITIONS OF CONTRACT (GENERAL, SUPPLEMENTARY, AND OTHER CONDITIONS), THE DRAWINGS, THE SPECIFICATIONS, AND ALL ADDENDA ISSUED PRIOR TO AND ALL MODIFICATIONS ISSUED AFTER EXECUTION OF THE CONTRACT.
- FORMGREY STUDIO, LLC IS THE AUTHOR OF THESE PLANS AND CLAIMS A COPYRIGHT IN THESE PLANS AND THE DESIGNS CONTAINED IN THESE PLANS. THIS CLAIM IS MADE UNDER TITLE 17 OF THE UNITED STATES CODE AND ALL APPLICABLE TREATIES AND FOREIGN LAWS. THESE COPYRIGHTED DRAWING FILES ARE TO BE USED FOR REFERENCE ONLY. FORMGREY STUDIO, LLC WILL TAKE NO RESPONSIBILITY FOR ANY CHANGES MADE TO THESE DOCUMENTS BY ANOTHER PARTY AND NO LICENSE IS GIVEN FOR TRANSFER OF THESE COPYRIGHTS TO ANOTHER PARTY.
- THE WORK COMPRISES THE COMPLETED CONSTRUCTION REQUIRED BY THE CONTRACT DOCUMENTS AND INCLUDES ALL LABOR NECESSARY TO PRODUCE SUCH CONSTRUCTION, AND ALL MATERIALS AND EQUIPMENT INCORPORATED OR TO BE INCORPORATED IN SUCH CONSTRUCTION.
- SHOP DRAWINGS, PRODUCT DATA AND SAMPLES ARE NOT A PART OF THE CONTRACT DOCUMENTS. THE ARCHITECT WILL REVIEW THEM, BUT ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE WORK AND WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ANY DEVIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT'S REVIEW OF SHOP DRAWINGS, PRODUCT DATA OR SAMPLES.
- THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS AND SHALL AT ONCE REPORT TO THE ARCHITECT ANY ERROR, INCONSISTENCY OR OMISSIONS HE MAY DISCOVER. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK AT ANY TIME WITHOUT CONTRACT DOCUMENTS OR, WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES FOR SUCH PORTION OF THE WORK.
- ALL WORK IS TO CONFORM WITH THE CONTRACT DOCUMENTS. DRAWINGS ARE NOT TO BE SCALED FOR INFORMATION IF UNABLE TO LOCATE DIMENSIONS FOR ANY ITEM OF WORK, CONSULT WITH THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.
- IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONTRACT DOCUMENTS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR AND SHALL BE REVIEWED BY THE ARCHITECT.
- ALL WORK SHALL BE PERFORMED WITHIN STRICT CONFORMANCE TO THE MINIMUM STANDARDS OF THE CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE AND ALL APPLICABLE NATIONAL, STATE, AND LOCAL LAWS, REGULATIONS AND ORDINANCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL SAFETY DURING CONSTRUCTION, AND ALL WORK SHALL CONFORM TO PERTINENT SAFETY REGULATIONS.
- THE CONTRACTOR SHALL COORDINATE LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING AND PLUMBING INCLUDING ALL PIPING, DUCT WORK AND CONDUIT. COORDINATE ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF THE ABOVE EQUIPMENT.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS/HER BEST SKILL AND ATTENTION, HE/SHE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACTS AND OMISSIONS OF HIS/HER EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND OTHER PERSONS PERFORMING ANY WORK UNDER A CONTRACT WITH THE CONTRACTOR.
- THE CONTRACTOR SHALL PURSUE WORK IN A CONTINUOUS AND DILIGENT MANNER TO INSURE TIMELY COMPLETION OF THE PROJECT.
- THE CONTRACTOR AT ALL TIMES SHALL KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY HIS/HER OPERATIONS. AT THE COMPLETION OF THE WORK, HE/SHE SHALL REMOVE ALL HIS/HER WASTE MATERIALS AND RUBBISH FROM AND ABOUT THE PROJECT AS WELL AS ALL HIS/HER TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, AND SURPLUS MATERIALS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR PROTECTION OF ALL EXISTING AND PROPOSED PIPING, UTILITIES, STRUCTURES, ADJACENT STREETS, AND IMPROVEMENTS DURING THE PERIOD OF CONSTRUCTION.
- UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIAL, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, WATER, HEAT, UTILITIES, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL SUBMIT WEEKLY JOB STATUS REPORTS TO THE ARCHITECT. THE REPORT SHALL STATE ACTUAL PROGRESS OF THE JOB AND LIST ANY CHANGES OR CONDITIONS WITHIN THE SCOPE OF THE CONTRACT DOCUMENTS AFFECTING THE JOB PROGRESS.
- WHERE CONFLICTS OCCUR, COORDINATE THE LAYOUT AND EXACT LOCATION OF ALL PARTITIONS, DOORS, TELEPHONES AND ELECTRICAL/COMMUNICATION OUTLETS AND SWITCHES WITH ARCHITECT IN THE FIELD BEFORE PROCEEDING WITH CONSTRUCTION.
- WHERE CONFLICT IS ENCOUNTERED BETWEEN THE CONTRACT DOCUMENTS THAT WILL MATERIALLY AFFECT THE QUALITY OR EXTENT OF THE WORK, SUCH CONFLICT SHALL BE RESOLVED TO THE SATISFACTION OF THE ARCHITECT BEFORE THE AFFECTED ITEMS AND/OR MATERIALS ARE PURCHASED, FABRICATED AND/OR INSTALLED.
- WHERE PRE-MANUFACTURED OR PRE-FABRICATED ITEMS AND/OR MATERIALS ARE TO BE INSTALLED - THE CONTRACTOR SHALL VERIFY ROUGH OR FINISHED DIMENSIONS IN THE FIELD PRIOR TO PURCHASE OR FABRICATION.
- THE CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS TO BE FREE FROM DEFECTS FOR A MINIMUM OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE, AND PROMPTLY REMEDY SUCH DEFECTS AND ANY SUBSEQUENT DAMAGE CAUSED BY THE DEFECTS OR REPAIR THEREOF, AT NO EXPENSE TO THE OWNER. GUARANTEE PERIODS OF GREATER THAN ONE YEAR MAY BE REQUIRED AND CONTAINED WITHIN THE CONTRACT DOCUMENTS.
- UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS THE CONTRACTOR SHALL SECURE AND PAY FOR THE BUILDING PERMIT AND FOR ALL OTHER PERMITS AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
- WHERE ANY ITEM AND/OR MATERIAL IS INDICATED IN THE CONTRACT DOCUMENTS, AND NOT NECESSARILY DETAILED IN EACH SPECIFIC CASE, BUT IS REQUIRED FOR A COMPLETE AND PROFESSIONAL INSTALLATION - SUCH ITEM AND/OR MATERIAL SHALL BE PROVIDED AS IF SHOWN AND DETAILED IN FULL. PROVIDE MEANS TO FURNISH AND INSTALL.

PROPERTY INFORMATION

ADDRESS	1701 E PRATER WAY, SPARKS NV 89434
APN	037-271-31
BLOCK	N/A
LOT	N/A
SUBDIVISION	N/A
ZONE	MUD
F.A.R.	N/A

CODES

PER CITY OF SPARKS, BASED ON THE 2018 BUILDING CODES:

- 2010 ADA STANDARDS
- 2018 INTERNATIONAL BUILDING CODE
- 2018 UNIFORM MECHANICAL CODE
- 2018 UNIFORM PLUMBING CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- 2018 INTERNATIONAL EXISTING BUILDING CODE
- 2017 NATIONAL ELECTRICAL CODE

2018 NORTHERN NEVADA AMENDMENTS

OCCUPANCY GROUP	B
NON-SEPARATED OR SEPARATED USES	
CONSTRUCTION TYPE	III-B
FULLY SPRINKLERED	YES

OCCUPANT LOAD (AREA OF WORK): 49

PLUMBING FIXTURES

WHOLE BUILDING EXISTING PLUMBING FIXTURE COUNT:

SINKS	4
MOP SINKS	3
FLOOR SINKS	1
LAVATORIES	22
TOILETS	21
URINALS	7
SHOWERS	3
	60

WHOLE BUILDING FINAL PLUMBING FIXTURE COUNT:

SINKS	5
MOP SINKS	3
FLOOR SINKS	1
LAVATORIES	21
TOILETS	20
URINALS	7
MOP SINKS	3
SHOWERS	3
	59

PROJECT TEAM

OWNER

CITY OF SPARKS
431 PRATER WAY, SPARKS NV 89431
O (775) 353-2306; C (775) 224-2976
ROB BIDART: RBIDART@CITYOFSPARKS.NV.GOV

ARCHITECTURAL

FORMGREY STUDIO LLC
525 ROBERTS STREET #100, RENO NV 89502
(775) 507-7200
NATE HUDSON: NHUDSON@FORMGREY.COM

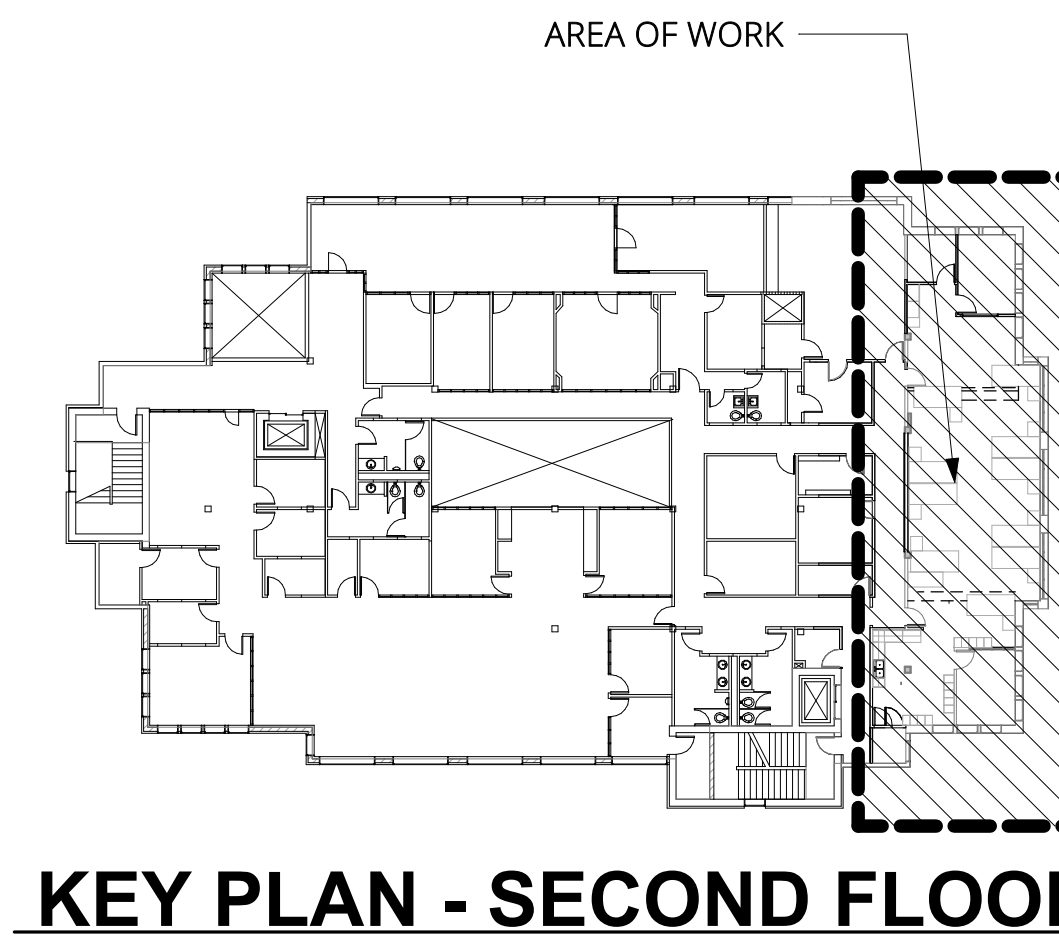
MECHANICAL, PLUMBING, & ELECTRICAL

KIMLEY-HORN AND ASSOCIATES, INC.
5370 KIETSKA LAND, SUITE 100, RENO NV 89511
(775) 787-7552
MATT MYRES: MATT.MYRES@KIMLEY-HORN.COM

CITY ENGINEER

JON R. ERICSON, PE, P.T.O.E.

DATE



KEY PLAN - SECOND FLOOR
1/32" = 1'-0"

SHEET INDEX

GENERAL

a001 TITLE SHEET - PROJECT INFORMATION, CODES

ARCHITECTURAL

a200 DEMOLITION PLAN
a201 FLOOR PLAN, SECTIONS, INTERIOR ELEVATIONS & FINISH SCHEDULE
a600 CEILING DEMOLITION PLAN
a601 REFLECTED CEILING PLAN & DOOR SCHEDULE

MECHANICAL & PLUMBING

mp001 MECHANICAL SCHEDULES, SPECIFICATIONS AND SYMBOLS
mp100 MECHANICAL DEMO ENLARGED PLAN
mp200 MECHANICAL ENLARGED PLAN AND DETAILS

ELECTRICAL

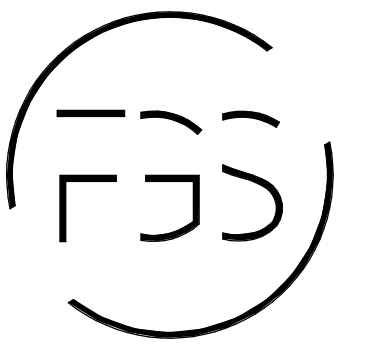
e001 ELECTRICAL SYMBOL LEGEND & ABBREVIATIONS
e002 ELECTRICAL SPECIFICATIONS
e101 LEVEL 2 DISPATCH POWER PLAN - DEMOLITION
e102 LEVEL 2 DISPATCH LIGHTING PLAN - DEMOLITION
e201 LEVEL 2 DISPATCH POWER PLAN
e202 LEVEL 2 DISPATCH LIGHTING PLAN
e601 PANEL SCHEDULES
e602 LIGHTING FIXTURE SCHEDULES & DETAILS

BID # 20/21-009
PWP # WA-2021-153

TITLE SHEET, PROJECT
INFORMATION, CODES

a001

No.	Description	Date
1	PLAN REVIEW #1	12-07-20



FORMGREY STUDIO
525 Roberts Street #100, Reno, NV 89502 | www.formgrey.com
(775) 507-7200

PD DISPATCH REMODEL

City of Sparks Bldg. Permit #SBLD20-23787

1701 E Prater Way
Sparks NV 89434



CONSTRUCTION SET 01-29-21

FGS #2019-15

2/1/2021 8:03:27 AM

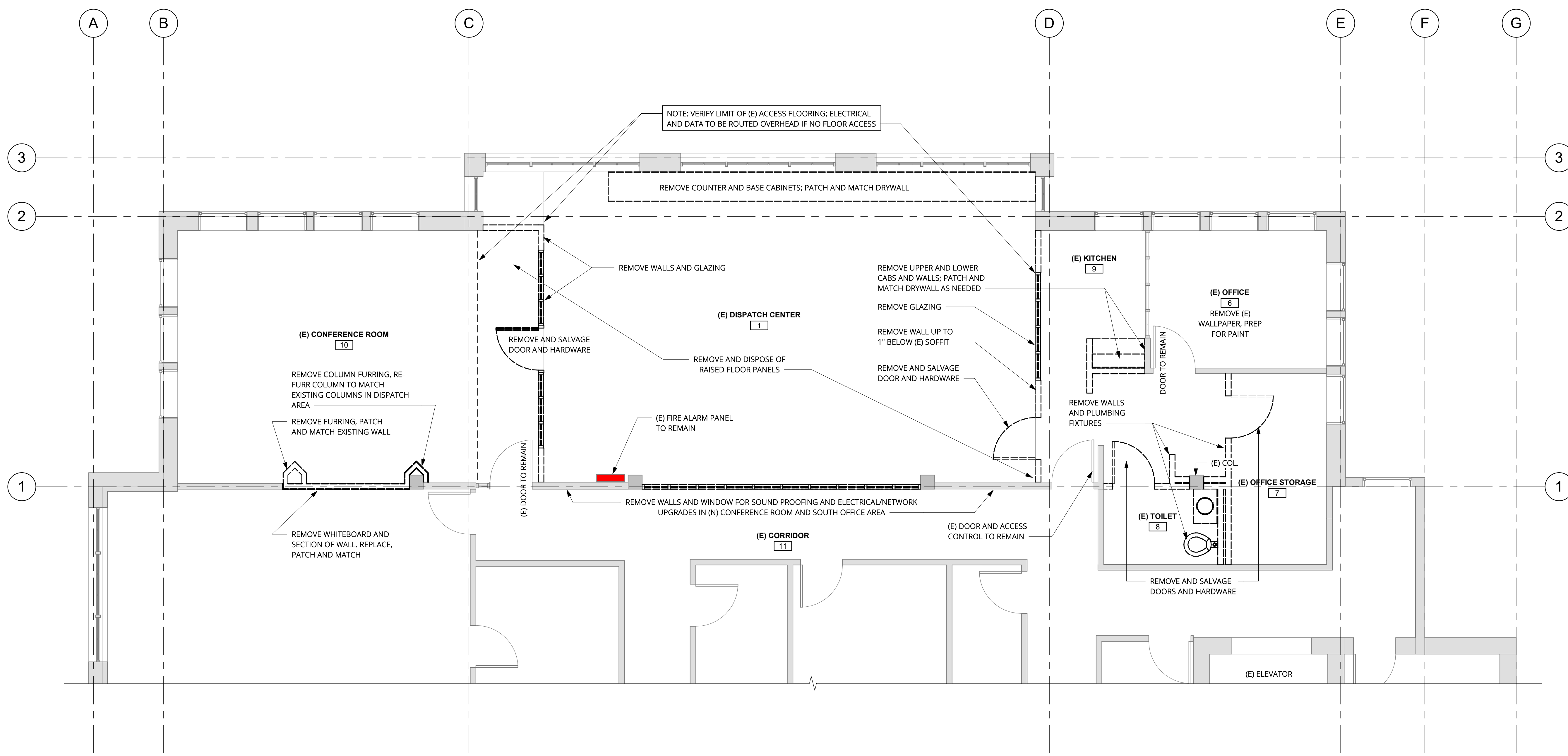
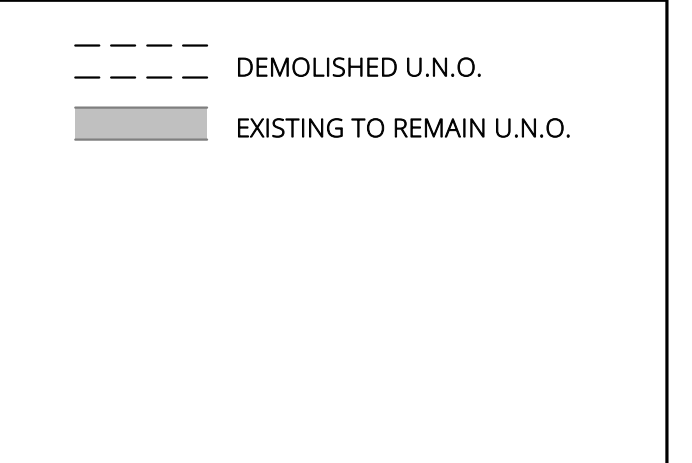
VICINITY MAP



DEMOLITION NOTES

1. ALL DEMOLITION WORK SHALL BE PERFORMED WITH "DUE CARE AND DILIGENCE" SO AS TO PREVENT THE ARBITRARY DESTRUCTION OF ADJACENT CONSTRUCTION DESIGNATED TO REMAIN.
2. CARE SHALL ALSO BE TAKEN TO PREVENT THE INTERRUPTION OF CONCEALED UTILITIES WHICH ARE TO REMAIN.
3. ANY UTILITIES DISCOVERED DURING THE DEMOLITION PROCESS WHICH WERE PREVIOUSLY UNIDENTIFIED SHALL BE REPORTED TO THE ARCHITECT BEFORE REMOVAL OR DISCONNECTION.
4. REMOVE ALL EXISTING CONSTRUCTION AS DESIGNATED ON DEMOLITION PLAN.
5. PATCH EXISTING CONSTRUCTION TO REMAIN TO MATCH EXISTING ADJACENT CONSTRUCTION AND FINISHES UNLESS NOTED OTHERWISE.
6. WHERE EXISTING DOORS AND WINDOWS ARE DESIGNATED TO BE REMOVED, PATCH OPENING WITH CONSTRUCTION TO MATCH EXISTING ADJACENT CONSTRUCTION UNLESS NOTED OTHERWISE.
7. ALL EQUIPMENT SUCH AS PLUMBING FIXTURES, ELECTRICAL FIXTURES AND EQUIPMENT, MECHANICAL EQUIPMENT, AIR CONDITIONING UNITS, ETC., TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER OR STORED AS DIRECTED BY THE OWNER.

WALL LEGEND

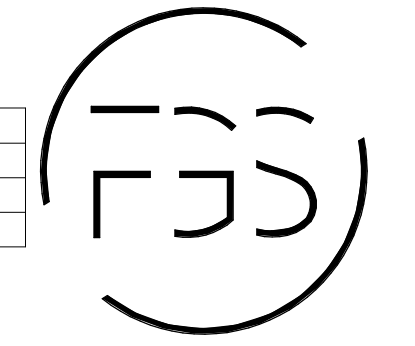


DEMOLITION PLAN

a200

REVISIONS

No.	Description	Date



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(775) 507-7200

PD DISPATCH REMODEL

City Of Sparks Bldg. Permit #SBLD20-23787

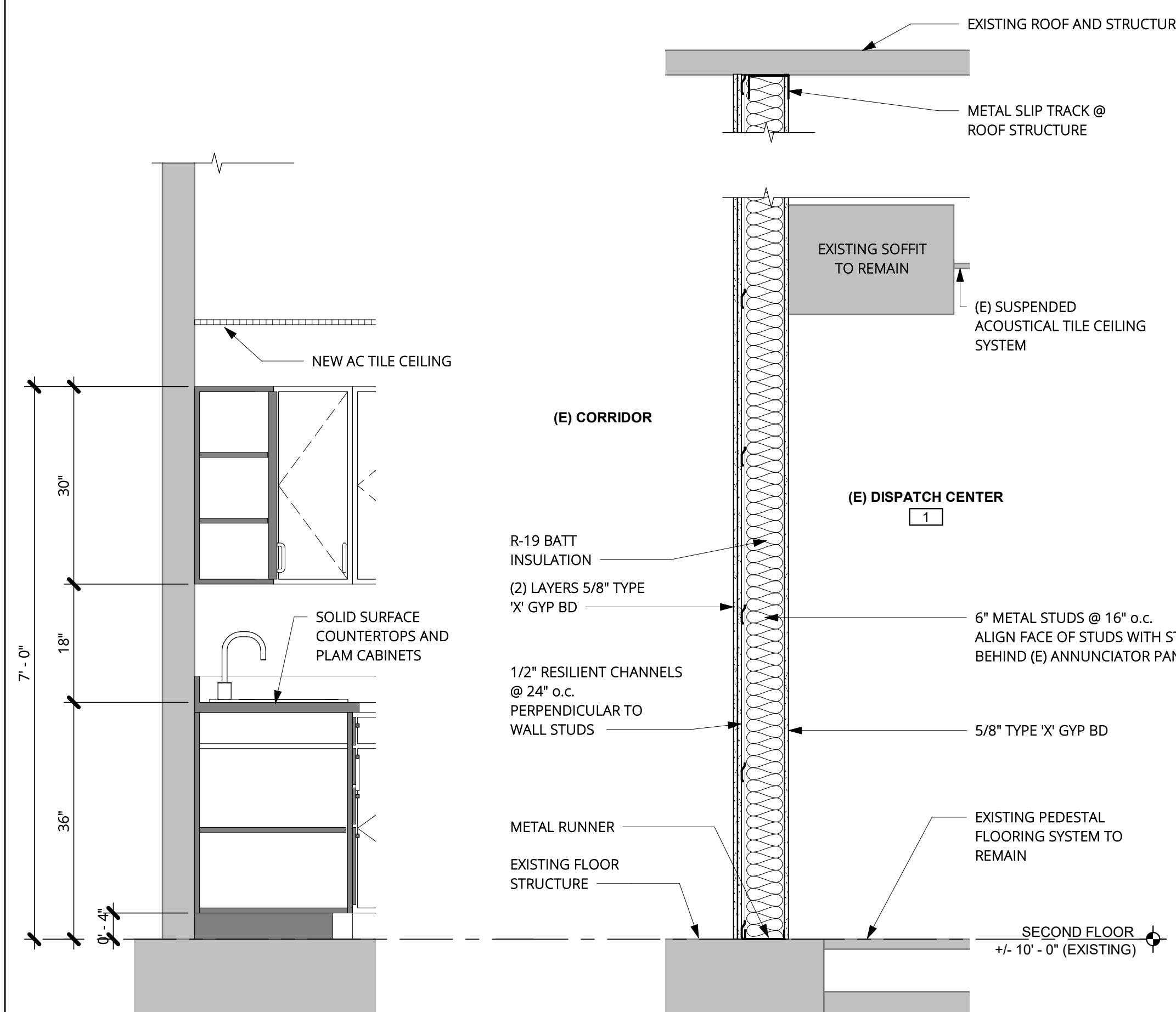
1701 E Prater Way
Sparks NV 89434



CONSTRUCTION SET 01-29-21

DEMOLITION PLAN

1/4" = 1'-0"



6 KITCHEN COUNTER
3/4" = 1'-0"
REFERENCE - a201 / X

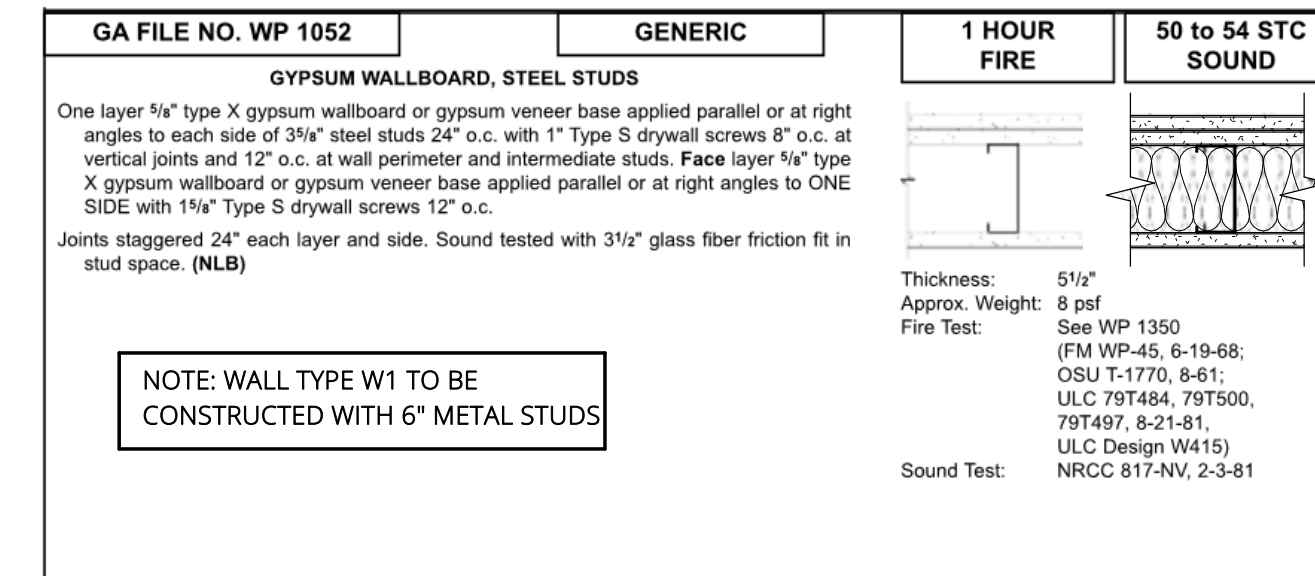
5 SOUND WALL
3/4" = 1'-0"
REFERENCE - a201 / X

4 CEILING TRANSITION
3/4" = 1'-0"
REFERENCE - a201 / X

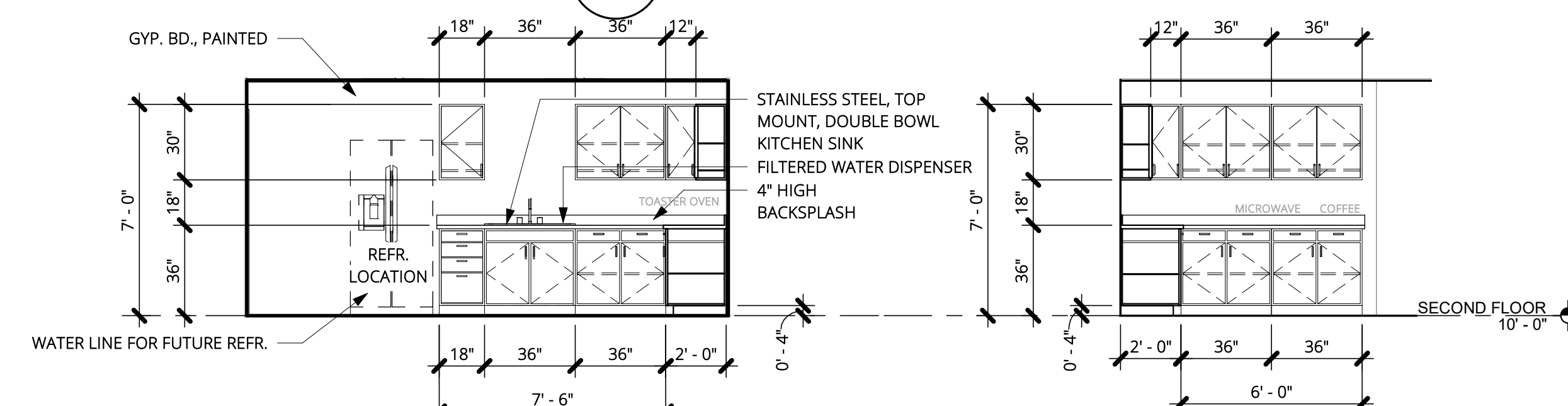
ROOM FINISH SCHEDULE

#	NAME	BASE FINISH	CEILING FINISH	FLOOR FINISH	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL	COMMENTS
1	(E) DISPATCH CENTER	6" RUBBER	AC TILE	CARPET	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	REMOVE (E) WALLPAPER
2	OFFICE	6" RUBBER	AC TILE	CARPET	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	REMOVE (E) WALLPAPER
3	CLOSET	6" RUBBER	AC TILE	LVT	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	REMOVE (E) WALLPAPER
4	BREAK AREA	6" RUBBER	PAINTED GYP. BD	LVT	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	REMOVE (E) WALLPAPER
5	CLOSET	6" RUBBER	AC TILE	LVT	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	REMOVE (E) WALLPAPER
6	(E) OFFICE	6" RUBBER	AC TILE	LVT	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	PAINTED GYP. BD	REMOVE (E) WALLPAPER
11	(E) CORRIDOR	MATCH EXISTING	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	MATCH EXISTING	EXISTING TO REMAIN	

- FINISH NOTES:**
- RESILIENT FLOOR:** LUXURY VINYL TILE BY FRAMEWORK. STYLE AND COLOR TO BE S&S FLOORING GROUP LVT "1014 PARTITION".
 - CARPET:** LOW VOC, TIMBER BY KINETEX FLOORING, W/ LOW VOC PAD. STYLE AND COLOR TO BE "1923 ASPEN".
 - BASE:** 6" RUBBER, BURKE "BLACK/BROWN".
 - WALLS:** SUBSTRATE - DRYWALL, SMOOTH FINISH; PAINT - SHERWIN WILLIAMS ZERO VOC PAINT OR APPROVED EQUAL; COLOR - SW1011; SHEEN - SEMI-GLOSS.
 - CEILING:** SUBSTRATE - DRYWALL, SMOOTH FINISH; PAINT - SHERWIN WILLIAMS ZERO VOC PAINT OR APPROVED EQUAL; COLOR - SW1011; SHEEN - SEMI-GLOSS.
 - ACOUSTICAL TILE CEILINGS:** TO MATCH EXISTING ARMSTRONG CORTEGA 704A 24"x24" ANGLED TEGULAR TILES, WHITE, WITH 15/16" GRID SYSTEM.
 - COUNTER TOPS:** WILSONART SOLID SURFACE OR EQUAL. COLOR - 9092MG "BLACK ONYX MIRAGE" OR 9227SS "HIDDEN SPACE" - OWNER TO CONFIRM.
 - CABINETS:** WILSONART "COMPACT LAMINATE" HIGH-PRESSURE SOLID COMPOSITE OR EQUAL. COLOR - 1573 "FROSTY WHITE".

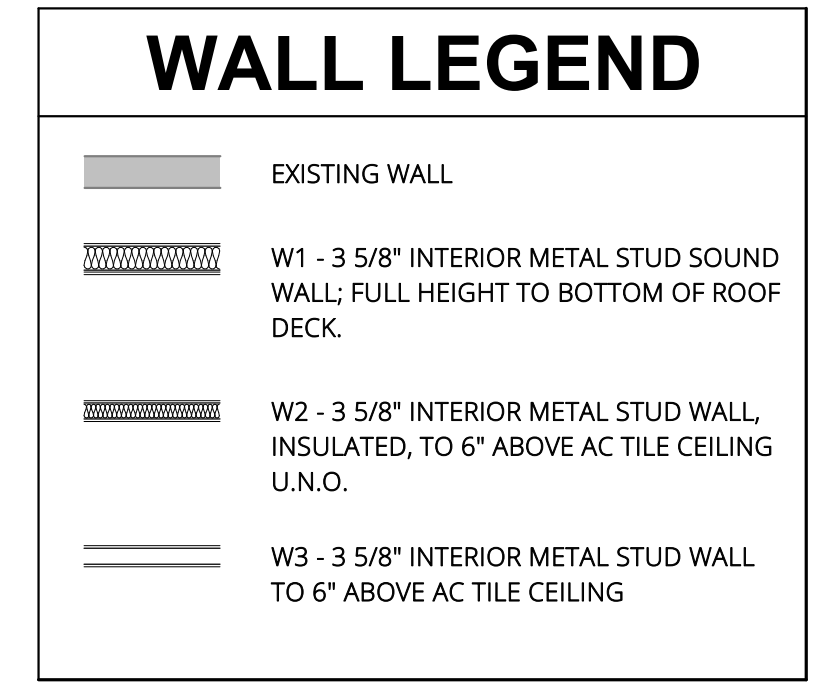


1 W1 - WALL ASSEMBLY
1 1/2" = 1'-0"

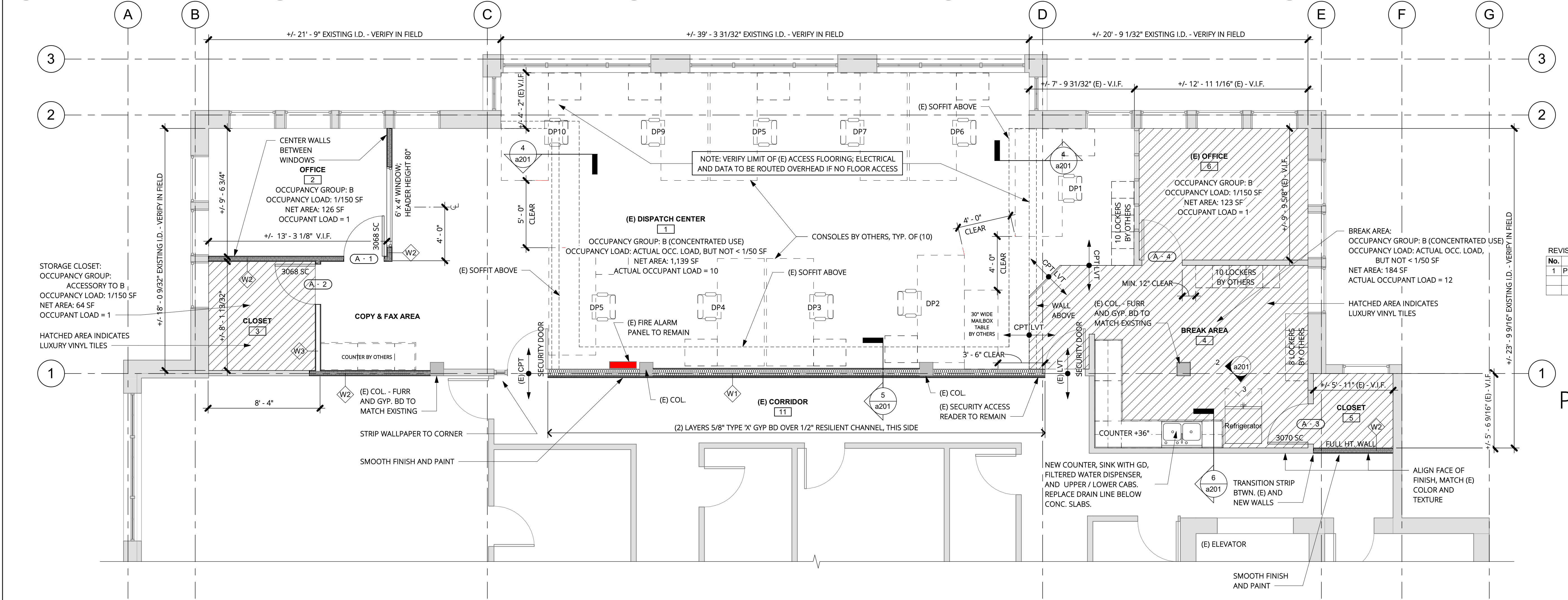


3 KITCHEN - WEST WALL
1/4" = 1'-0"
REFERENCE - a201 / X

2 KITCHEN - NORTH WALL
1/4" = 1'-0"
REFERENCE - a201 / X



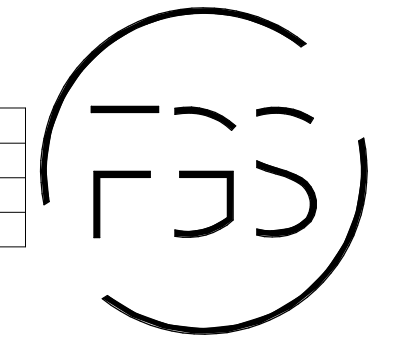
- ### FLOOR PLAN NOTES
- ALL DIMENSIONS ARE FROM FACE-OF-STUD TO FACE-OF-STUD, AND FACE-OF-BLOCK TO FACE-OF-BLOCK (U.N.O.)
 - ALL LUMBER TO BE FOREST STEWARDSHIP COUNCIL CERTIFIED DOUGLAS FIR#2 OR BETTER (U.N.O.)
 - ALL FINISH MATERIALS NOT SPECIFIED TO BE COORDINATED WITH OWNER AND/OR ARCHITECT.
 - PROVIDE SOLID BLOCKING BEHIND ALL FIXTURES AND WALL MOUNTED ACCESSORIES.
 - ANY WALLS THAT ARE MODIFIED, REPLACE GYP. BD. W/ 5/8" TYPE 'X' GYP. BD.
 - WHERE (E) STUD WIDTHS VARY FROM NEW WALL TYPE STUD WIDTH, MATCH (E) STUD WIDTH.
 - PROVIDE WALL & FLOOR STOPS AT DOORS AS REQUIRED.
 - (E) WALLS REQUIRING OPENINGS TO BE INFILLED SHALL MATCH (E) CONSTRUCTION & FIRE RATING.
 - ALL PLYWOOD SHEATHING SHALL BE FOREST STEWARDSHIP COUNCIL CERTIFIED (U.N.O.).
 - SEE SHEET a601 FOR DOOR SCHEDULE



PARTIAL SECOND FLOOR PLAN
1/4" = 1'-0"

FLOOR PLAN,
SECTIONS, INTERIOR
ELEVATIONS & FINISH
SCHEDULE

a201



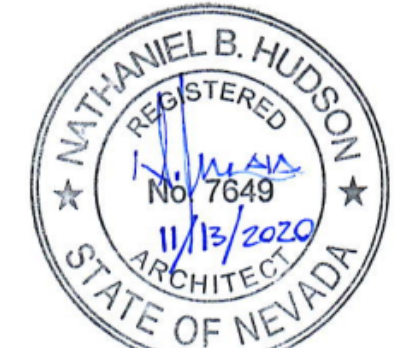
REVISIONS

No.	Description	Date
1	PLAN REVIEW #1	12-07-20

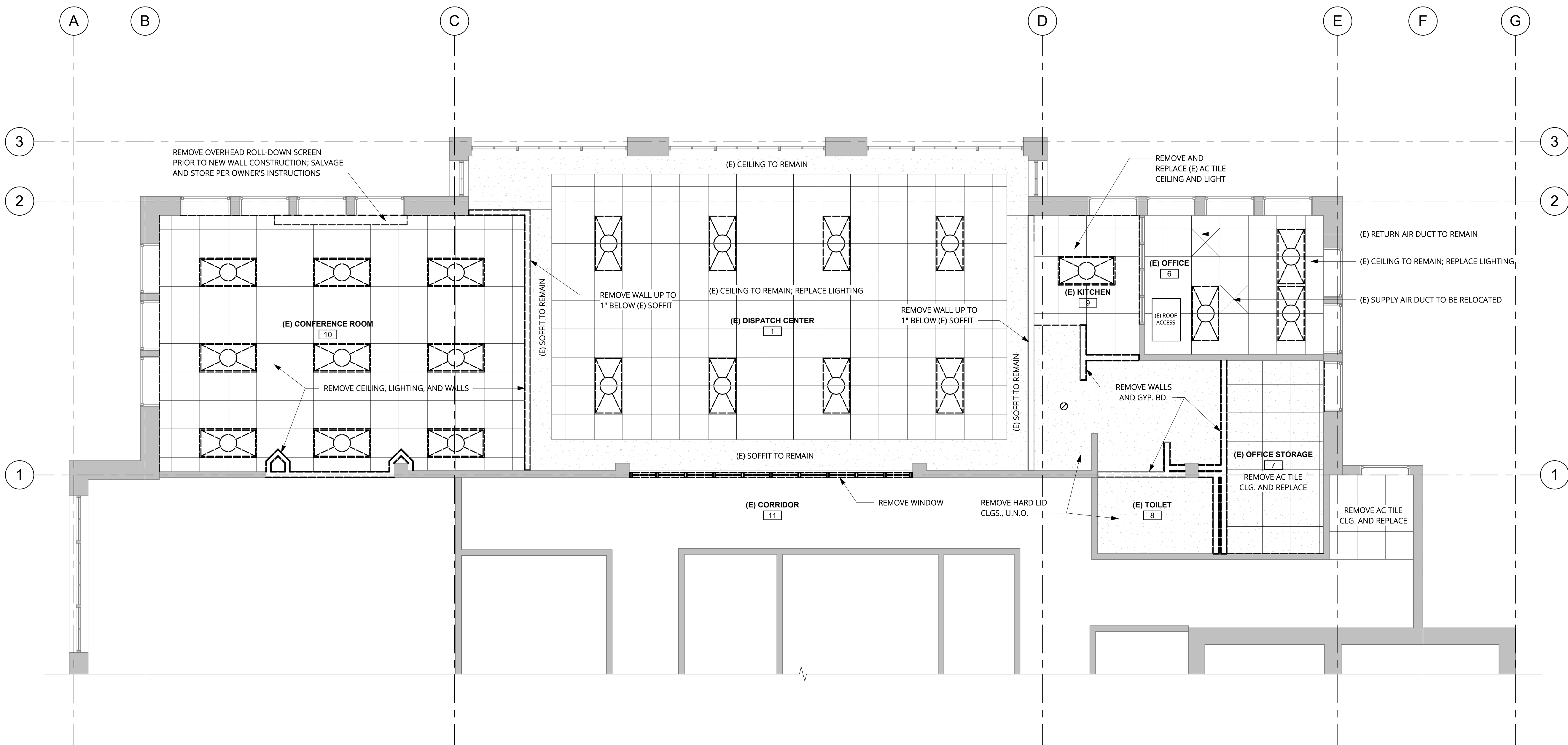
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PD DISPATCH REMODEL
City of Sparks Bldg. Permit #SBLD20-23787

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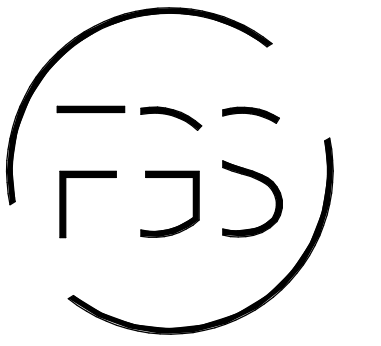


CONSTRUCTION SET 01-29-21



CEILING DEMOLITION PLAN

a600



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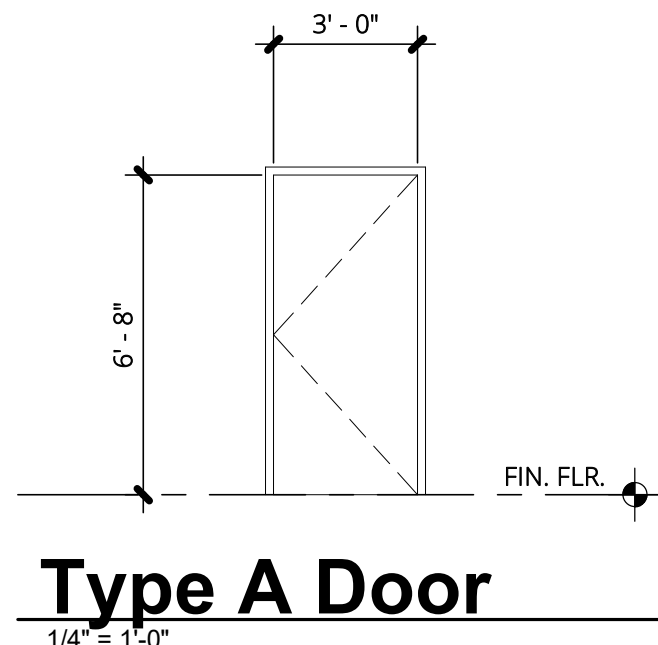
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CONSTRUCTION SET 01-29-21

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

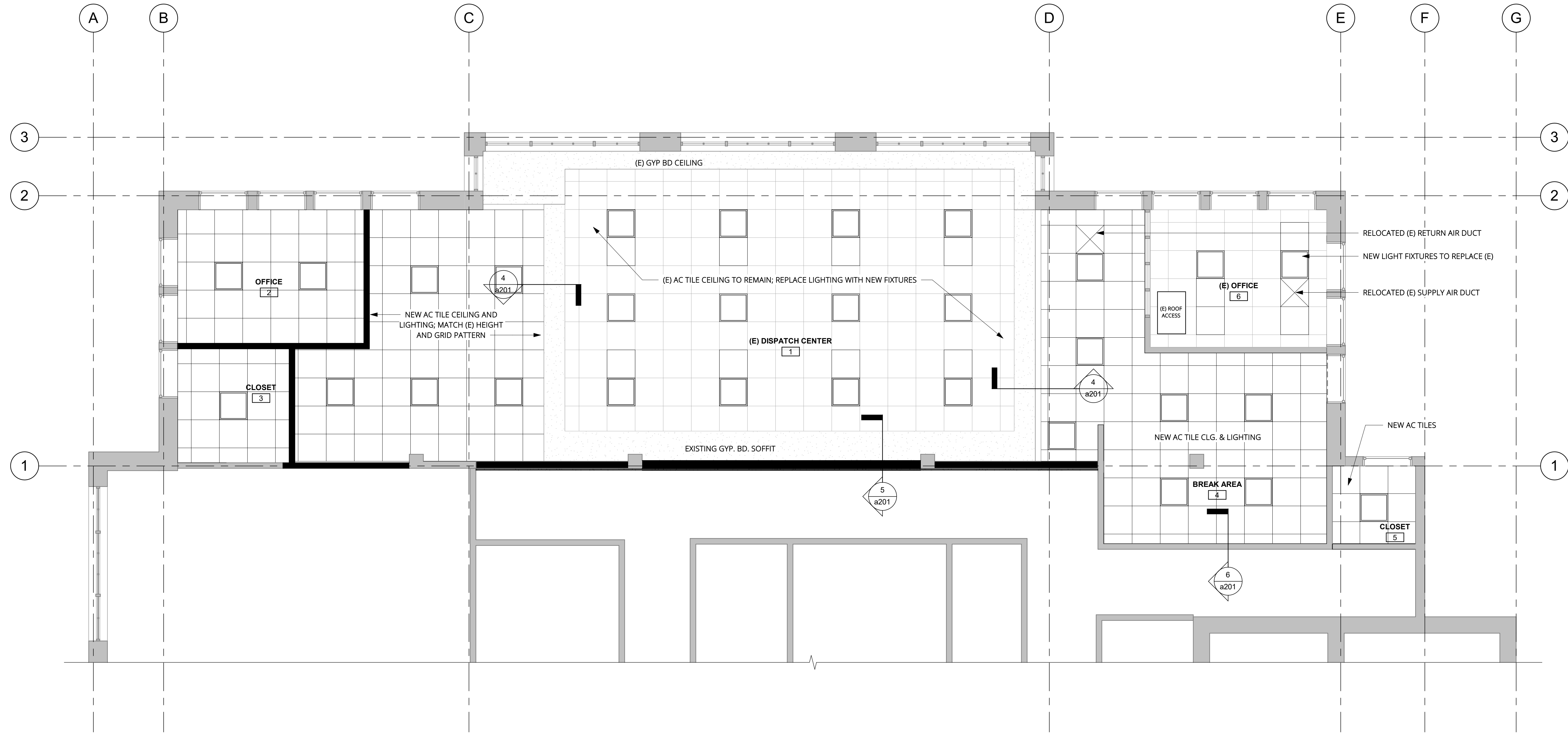


DOOR SCHEDULE											
#	TYPE	ROOM #.	WIDTH	HEIGHT	MATERIAL	FINISH	FIRE RATING	HARDWARE	FRAME MATERIAL	FRAME FINISH	COMMENTS
1	A	2 - OFFICE	3' - 0"	6' - 8"	WOOD	STAIN		RE-USE SALVAGED	HOLLOW METAL	PAINT	SALVAGED
2	A	3 - CLOSET	3' - 0"	6' - 8"	WOOD	STAIN		RE-USE SALVAGED	HOLLOW METAL	PAINT	SALVAGED
3	A	5 - CLOSET	3' - 0"	6' - 8"	WOOD	STAIN		RE-USE SALVAGED	HOLLOW METAL	PAINT	SALVAGED
4	A	6 - (E) OFFICE	3' - 0"	6' - 8"	WOOD	STAIN		RE-USE SALVAGED	HOLLOW METAL	PAINT	SALVAGED

NOTE: REUSE EXISTING HARDWARE; REPLACE DOOR JAMBS WITH NEW HOLLOW METAL FRAMES; SALVAGE (E) DOORS TO OWNER.

CEILING LEGEND

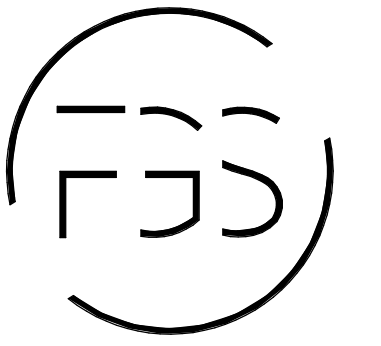
- 5/8" GYP. BD. CEILING TO INDICATED HEIGHT
- 2'x2' ACOUSTICAL TILE CEILING TO INDICATED HEIGHT



REFLECTED CEILING
PLAN & DOOR
SCHEDULE

a601

REVISIONS		
No.	Description	Date



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Sparks NV 89434



CONSTRUCTION SET 01-29-21

PARTIAL SECOND LEVEL REFLECTED CEILING PLAN
1/4" = 1'-0"

MECHANICAL SPECIFICATIONS

A. GENERAL

- THE INFORMATION INDICATED ON THESE DRAWINGS AS EXISTING IS BASED UPON INFORMATION TAKEN FROM AS-BUILT DRAWINGS, FIELD INVESTIGATION, AND INFORMATION OBTAINED FROM SUBMITTAL DATA, ETC. THE PLANS DO NOT GUARANTEE ACCURACY BUT ARE ONLY AN INDICATION OF EXISTING CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXACT CONDITIONS SUCH AS EQUIPMENT PLACEMENT, DUCTWORK (SIZE, ROUTING, AND ELEVATION), PIPING (SIZE, ROUTING, AND ELEVATION), ETC. THE DRAWINGS ARE INTENDED TO PROVIDE THE CONTRACTOR AN INDICATION OF THE SYSTEM INSTALLED IN THE FACILITY TO DATE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ADJUSTMENTS TO THE DRAWING INFORMATION AS REQUIRED TO MATCH EXISTING FIELD CONDITIONS.
 - THE CONTRACTOR SHALL INSTALL THE NEW EQUIPMENT, DUCTWORK, AND PIPING AROUND ALL EXISTING OBSTACLES INCLUDING: ELECTRICAL CONDUIT, DOMESTIC WATER PIPING, WASTE AND VENT PIPING, ACID WASTE AND VENT PIPING, CHILLED AND HEATING WATER PIPING, AND FIRE SPRINKLER PIPING. PROVIDE OFFSETS TO AVOID RELOCATION OF OTHER UTILITIES. RELOCATE UTILITIES IF THEY ARE IN CONFLICT WITH THE MECHANICAL SYSTEM INSTALLATION, CAUSE DEVIATIONS IN THE DESIGN INTENT, UNSATISFACTORY OPERATION, NOISY CONDITIONS, OR INTERFERE WITH MAINTENANCE. IT IS THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE ANY UTILITY RELOCATION WITH THE APPROPRIATE SUBCONTRACTOR.
 - PROVIDE ALL NECESSARY LABOR, MATERIALS, EQUIPMENT, SERVICES AND INSURANCES TO COMPLETE THE HEATING, VENTILATING AND AIR CONDITIONING WORK WITHIN THE FULL INTENT OF THE DRAWINGS AND SPECIFICATIONS CONTAINED HEREON AND TO THE ENTIRE SATISFACTION OF THE ARCHITECT/ENGINEER.
 - PROVIDE ALL PERMITS AND FEES AS REQUIRED FOR THE MECHANICAL WORK.
 - CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE PROJECT BEFORE BIDDING.
 - ALL WORK SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC), 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2018 INTERNATIONAL FIRE CODE (IFC), 2018 UNIFORM MECHANICAL CODE (UMC), 2018 UNIFORM PLUMBING CODE (UPC), 2017 NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS, AND ALL OTHER APPLICABLE CODES, RULES, AND LOCAL REQUIREMENTS.
 - GUARANTEE ALL WORK AND MATERIALS FOR A PERIOD OF ONE YEAR.
 - ALL DIMENSIONS AND MEASUREMENTS SHALL BE VERIFIED AT THE JOBSITE BEFORE FABRICATION AND/OR INSTALLATION OF THE EQUIPMENT.
 - PROVIDE AND INSTALL ALL EQUIPMENT, DUCT, PIPING, AND CONTROLS AS SHOWN ON THE DRAWINGS.
- ## B. SUBMITTALS
- ELECTRONIC SUBMITTALS IN ADOBE PDF FORMAT, IN LIEU OF PAPER COPIES, WILL BE ACCEPTABLE.
 - SUBSTITUTED ITEMS SHALL BE SUBMITTED WITH MANUFACTURER'S DESCRIPTIVE DATA AND MUST SHOW EQUALITY TO EQUIPMENT SPECIFIED. INFORMATION ON SUBSTITUTED ITEMS MUST BE COMPLETE, INCLUDING, BUT NOT LIMITED TO: DESIGN, CONSTRUCTION MATERIALS, CONSTRUCTION QUALITY, AND SOUND LEVELS. ENGINEER WILL NOT RESEARCH INFORMATION REQUIRED TO COMPARE EQUIPMENT. ENGINEER RESERVES THE RIGHT TO REQUIRE SPECIFIED EQUIPMENT.
 - SUBMIT MANUFACTURER'S DESCRIPTIVE DATA WITHIN TEN (10) WORKING DAYS AFTER AWARD OF THE CONTRACT. MATERIALS AND EQUIPMENT SHALL NOT BE ORDERED PRIOR TO SUBMITTAL APPROVAL. ALLOW TEN (10) WORKING DAYS AFTER RECEIPT OF SUBMITTALS IN THE ENGINEER'S OFFICE BEFORE REVIEWED. SUBMITTALS WILL BE RETURNED.
 - UPON COMPLETION OF THE PROJECT, AND PRIOR TO FINAL ACCEPTANCE PAYMENT, SUBMIT AS-BUILT DRAWINGS AND OPERATING AND MAINTENANCE INSTRUCTIONS.
- ## C. WORKMANSHIP
- ALL WORK TO BE PERFORMED BY QUALIFIED PERSONNEL NORMALLY ENGAGED IN THE RESPECTIVE LINE OF WORK.
 - PERFORM ALL WORK IN A MANNER NOT TO DISTURB THE NORMAL OPERATION OF THE BUILDING.
 - COORDINATE ALL WORK WITH THE OWNER'S REPRESENTATIVE.
 - COORDINATE ALL WORK WITH THE OTHER TRADES.
 - THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL WORK ACCEPTABLE TO THE OWNER'S REPRESENTATIVE.
- ## D. DEMOLITION
- DEMOLITION WORK SHALL NOT CREATE ANY DUST PROBLEMS IN THE WORKING SPACES.
- ## E. CUTTING, PATCHING, AND PAINTING
- ALL CUTTING AND PATCHING TO BE PERFORMED BY THE GENERAL CONTRACTOR.
 - CUTTING OF ALL OPENINGS SHALL BE COORDINATED WITH THE OWNER'S ENGINEERING REPRESENTATIVE.
 - WATER WILL NOT BE USED FOR CONCRETE CUTTING WITHOUT THE DIRECT SUPERVISION OF THE OWNER'S ENGINEERING REPRESENTATIVE.
 - WALL SURFACES SHALL BE PRIMED AND PAINTED. PAINT TYPE AND COLOR SHALL BE AS SPECIFIED BY THE OWNER'S REPRESENTATIVE.

F. PRODUCT HANDLING

- USE ALL MEANS NECESSARY TO PROTECT ALL MATERIALS AND EQUIPMENT BEFORE, DURING, AND AFTER INSTALLATION AND TO PROTECT THE MATERIALS AND WORK OF THE OTHER TRADES.
- IN THE EVENT OF DAMAGE, IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE OWNER.

G. SEISMIC RESTRAINTS

- ALL EQUIPMENT, DUCTWORK, PIPING, AND CONDUIT SHALL BE SEISMICALLY RESTRAINED PER THE 2018 IBC.
- REFERENCES: INTERNATIONAL BUILDING CODE (IBC) SECTION 1613.1, AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE 7) SECTION 13.6, SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION (SMACNA) SEISMIC RESTRAINT MANUAL, AND AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE) PLUMBING ENGINEERING DESIGN HANDBOOK.

H. EQUIPMENT

- EQUIPMENT SHALL BE AS SPECIFIED IN THE EQUIPMENT SCHEDULE OR AN APPROVED EQUAL IF NOTED.
- INSTALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
- GENERAL CONTRACTOR SHALL PROVIDE ALL CURBED OPENINGS IN ROOF FOR ALL ROOF MOUNTED EQUIPMENT.

I. IDENTIFICATION

- PLASTIC NAMEPLATES: LAMINATED THREE LAYER WITH ENGRAVED BLACK LETTERS ON A LIGHT CONTRASTING BACKGROUND COLOR. INSTALL PLASTIC NAMEPLATES WITH CORROSION RESISTANT MECHANICAL FASTENERS, OR ADHESIVE.

J. RELATED WORK

- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL POWER WIRING AND EQUIPMENT DISCONNECTS, UNLESS INCLUDED WITH EQUIPMENT, TO MAKE SYSTEM OPERATIONAL.

K. DUCTWORK

- AIR DISTRIBUTION DUCT SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH CURRENT EDITIONS OF THE ASHRAE GUIDE AND WITH S.M.A.C.N.A. DUCT CONSTRUCTION STANDARDS.
- FLEXIBLE DUCTWORK LOCATED IN UNCONDITIONED SPACE SHALL BE A FACTORY FABRICATED ASSEMBLY CONSISTING OF A FLAME RESISTANT, DOUBLE LAMINATION OF POLYESTER INNER LINER BONDED TO A COATED SPRING STEEL WIRE HELIX, 2" THICK FIBERGLASS INSULATION FOR AN INSULATING VALUE OF R6, AND AN OUTER VAPOR BARRIER JACKET OF METALIZED POLYESTER FILM. FLEXIBLE DUCT TO BE ATCO UPC-036. FLEXIBLE DUCT RUNOUTS SHALL NOT EXCEED 5 FEET IN LENGTH.
- MANUAL VOLUME DAMPERS: AIR BALANCE INC. MODELS AC-111 AND AC-112 OR APPROVED EQUAL. DAMPERS SHALL BE FURNISHED WITH INSULATION STANDOFFS AND LOCKING QUADRANT HANDLES. RESIDENTIAL TYPE WILL NOT BE PERMITTED.
- TEST & BALANCE TO BE CONDUCTED BY RAGLEN SYSTEM BALANCE OR A MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL, AND THEY SHALL SUBMIT THREE (3) COPIES OF A FINAL SYSTEM PERFORMANCE REPORT TO THE ENGINEER FOR APPROVAL AND BEFORE THE FINAL INSPECTION.
- AFTER COMPLETION OF THE INSTALLATION WORK, TEST AND REGULATE ALL COMPONENTS OF THE NEW SYSTEMS TO THE SATISFACTION OF THE OWNER'S ENGINEERING REPRESENTATIVE.
- DIFFUSERS, GRILLES, REGISTERS: ADJUST THROW PATTERN AS SHOWN ON THE DRAWINGS. ADJUST AIR QUANTITIES WITHIN -0 TO +10% OF THE DESIGN AIR QUANTITIES.

MECHANICAL SYMBOL LIST

(NOTE: ALL OF THE SYMBOLS INDICATED BELOW MAY NOT APPEAR ON THIS PROJECT)

	RL	REFRIGERANT LIQUID PIPING	CLG	CEILING
	RS	REFRIGERANT SUCTION PIPING	DB	DRY BULB TEMPERATURE
	U	UNION	DDC	DIRECT DIGITAL CONTROL
	P.D.	PIPING TEE DOWN	DL	DOOR LOUVER
	P.U.	PIPING TEE UP	DN	DOWN
	P.U.	PIPING ELBOW UP	(E)	EXISTING
	P.D.	PIPING ELBOW DOWN	EAT	ENTERING AIR TEMPERATURE
		BRANCH - TOP CONNECTION	EDB	ENTERING DRY BULB
		BRANCH - BOTTOM CONNECTION	*F	DEGREES FARENHEIT
	OR	ARROW INDICATES DIRECTION OF FLOW	F.A.	FROM ABOVE
	P.O.C.	POINT OF CONNECTION - NEW ITEMS TO EXISTING ITEMS	F.B.	FROM BELOW
	S.A.	SUPPLY AIR DUCT DOWN	FT.	FEET
	S.A.	SUPPLY AIR DUCT UP	LAT	LEAVING AIR TEMPERATURE
	R.A.	RETURN AIR DUCT DOWN	MAX	MAXIMUM
	R.A.	RETURN AIR DUCT UP	MBH	BRITISH THERMAL UNITS PER HOUR (THOUSANDS)
	E.A.	EXHAUST AIR DUCT DOWN	MIN	MINIMUM
	E.A.	EXHAUST AIR DUCT UP	(N)	NEW
	S.A.D.	SUPPLY AIR DIFFUSER WITH FLEX CONNECTION	RL / RS	REFRIGERANT LIQUID LINE / REFRIGERANT SUCTION LINE
	R.A.G.	RETURN AIR GRILLE OPEN TO CEILING SPACE	S.E.E.R.	SEASONAL ENERGY EFFICIENCY RATIO
	EQ	MECHANICAL EQUIPMENT INDICATED (SEE SCHEDULE)	SP	STATIC PRESSURE
	T	THERMOSTAT	STD	STANDARD
	R	ROOM TEMPERATURE SENSOR	T	TEMPERATURE
	AFF	ABOVE FINISHED FLOOR	T.A.	TO ABOVE
	AFG	ABOVE FINISHED GRADE	T.B.	TO BELOW
	BDD	BACKDRAFT DAMPER	TYP	TYPICAL
	BTUH	BRITISH THERMAL UNITS PER HOUR	WB	WET BULB TEMPERATURE
	CFM	CUBIC FEET PER MINUTE		

PLUMBING EQUIPMENT SCHEDULE

SYM	DESCRIPTION	MANUFACTURER & MODEL NO.	TRIM	CONNECTIONS				ELECTRICAL (VOLTS/Hz)
				W	V	HW	CW	
GD-1	GARBAGE DISPOSAL	BADGER 1 (113 HP)	WATERBORNE GREY ENAMEL QUIET DURA-DRIVE INDUCTION MOTOR	1 1/2"	N/A	N/A	N/A	120 / 1 / 60
S-1	BREAKROOM SINK SEE DETAIL 2 / MP200	AMERICAN STANDARD COLONY PRO MODEL No. 22DB.6332283C.075	3 HOLE DOUBLE COMPARTMENT STAINLESS STEEL ADA SINK WITH AMERICAN STANDARD STAINLESS STEEL FAUCET #7074000.075	2"	N/A	1/2"	1/2"	

EXISTING VAV BOX SCHEDULE

UNIT DESIGNATION	MAKE AND MODEL NUMBER	UNIT SIZE	CONTROL VALVE TYPE	NEW MAX AIR FLOW (CFM) @ 1.0" W.G.	NEW MIN AIR FLOW (CFM) @ 0.03" W.G.	REHEAT AIR VOLUME (CFM)	REHEAT COIL										CONTROLS
							CAPACITY (MBH)	EAT (°F)	LAT (°F)	WPD (Lb. Wg)	COIL APD. (IN W.C.)	FLOW (GPM)	EWT (°F)	LWT (°F)	ROWS		
VAV S9 (E)	ENVIRO-TEC SDR	08	2-WAY	750	375	375	15	55	87	0.23	0.46	1	150	119	2	DIGITAL ELECTRONIC	
VAV S12 (E)	ENVIRO-TEC SDR	10	2-WAY	1,180	525	525	20.6	55	92	0.4	0.33	1.25	150	116	2	DIGITAL ELECTRONIC	

NEW VAV BOX SCHEDULE (BY OTHERS)

UNIT DESIGNATION	MAKE AND MODEL NUMBER	STANDARD FEATURES AND OPTIONAL ACCESSORIES	UNIT SIZE	CONTROL VALVE TYPE	MAX AIR FLOW (CFM) @ 1.0" W.G.	MIN AIR FLOW (CFM) @ 0.03" W.G.	REHEAT AIR VOLUME (CFM)	REHEAT COIL										CONTROLS	DISCHARGE SOUND CRITERIA		RADIATED SOUND CRITERIA	
								CAPACITY (MBH)	EAT (°F)	LAT (°F)	WPD (Lb. Wg)	COIL APD. (IN W.C.)	FLOW (GPM)	EWT (°F)	LWT (°F)	ROWS	INLET STATIC (in wc)		SOUND PWR. LVL. (OCTAVES 2-7)	NC	SOUND PWR. LVL. (OCTAVES 2-7)	NC
VAV S10	ENVIRO-TEC SDR	MULTI-POINT AVERAGING VELOCITY SENSOR, 1/2" THICK FIBERGLASS INSULATION, 22 GAUGE UNIT CASING, NEMA 1 WIRING ENCLOSURE, UL 277V/10 TRANSFORMER, HOT WATER REHEAT COIL, MODULATING CONTROL VALVE PACKAGE INCLUDING ISOLATION BALL VALVES, UNIONS, AND PIT PORTS	14	2-WAY	2,400	1,200	1,200	46.6	55	96.1	2.7	0.33	2.75	150	118	2	DIGITAL ELECTRONIC	1	66.59,57.53,48.46	16	53.48,44.38,34.30	18

AIR DISTRIBUTION SCHEDULE

TAG	MANUFACTURE	TYPE	FACE	FRAME	MODEL	REMARKS
CD-1	TITUS	SUPPLY	SQUARE CONE	LAY-IN	TMS	

Mechanical Sheet List

Sheet Number	Sheet Name
MP001	MECHANICAL SCHEDULES, SPECIFICATIONS AND SYMBOLS
MP100	MECHANICAL DEMO ENLARGED PLAN
MP200	MECHANICAL ENLARGED PLAN AND DETAILS

PD DISPATCH REMODEL

City of Sparks

1701 E PRATER WAY
SPARKS NV 89434

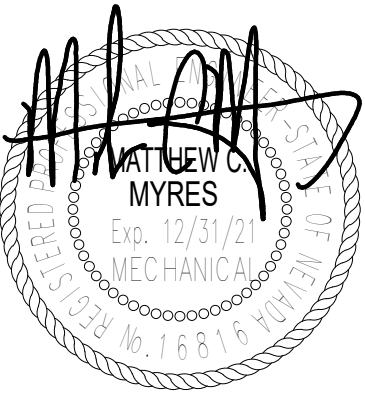
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CONSTRUCTION SET

FGS #2019-15

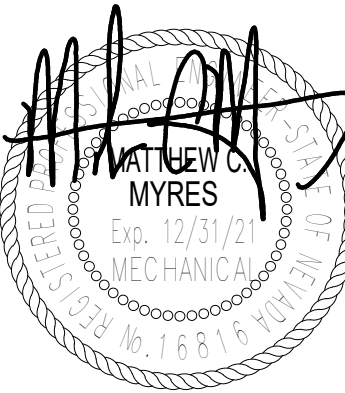
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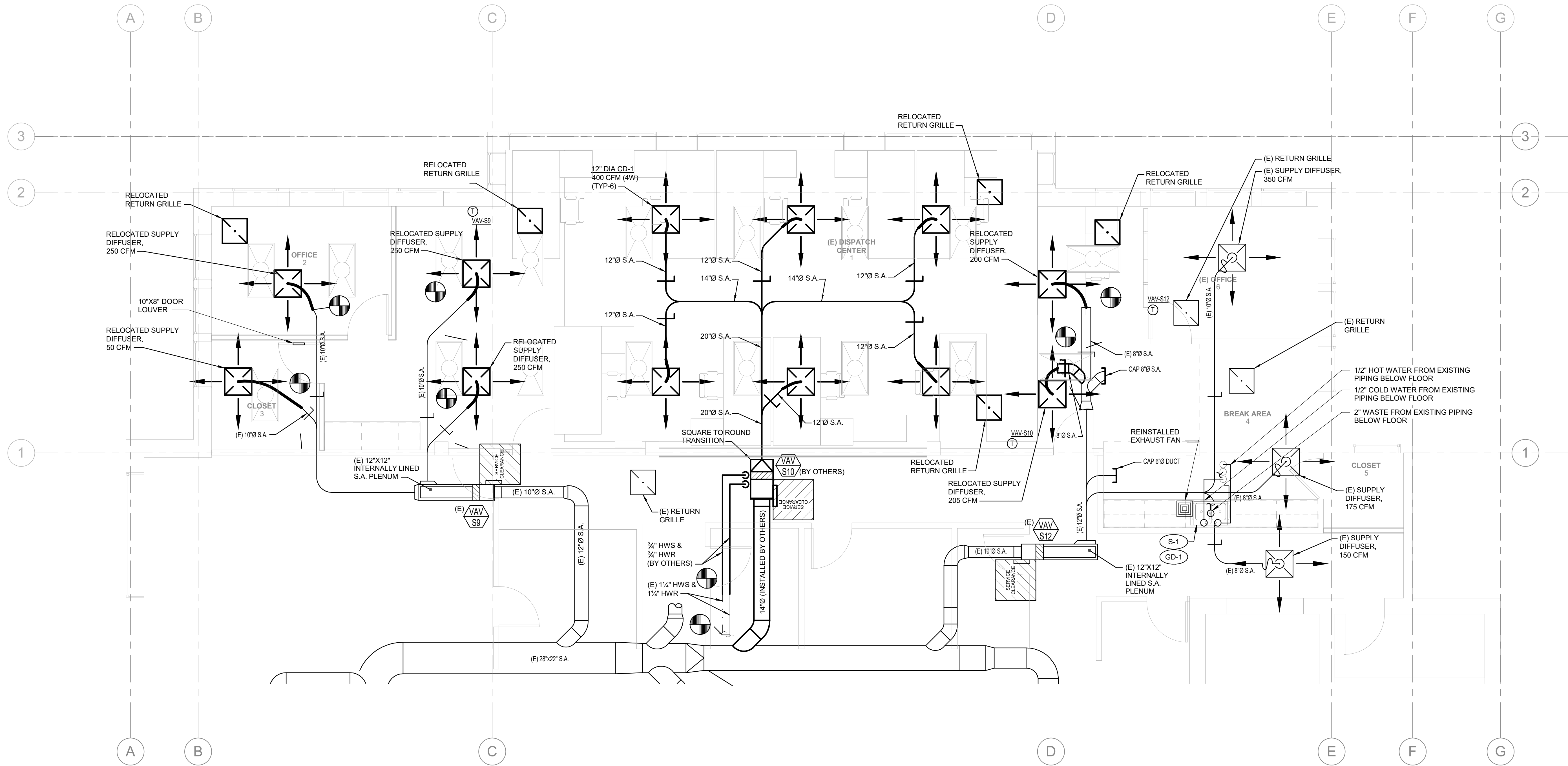


1/28/2021

MECHANICAL SCHEDULES, SPECIFICATIONS AND SYMBOLS MP001

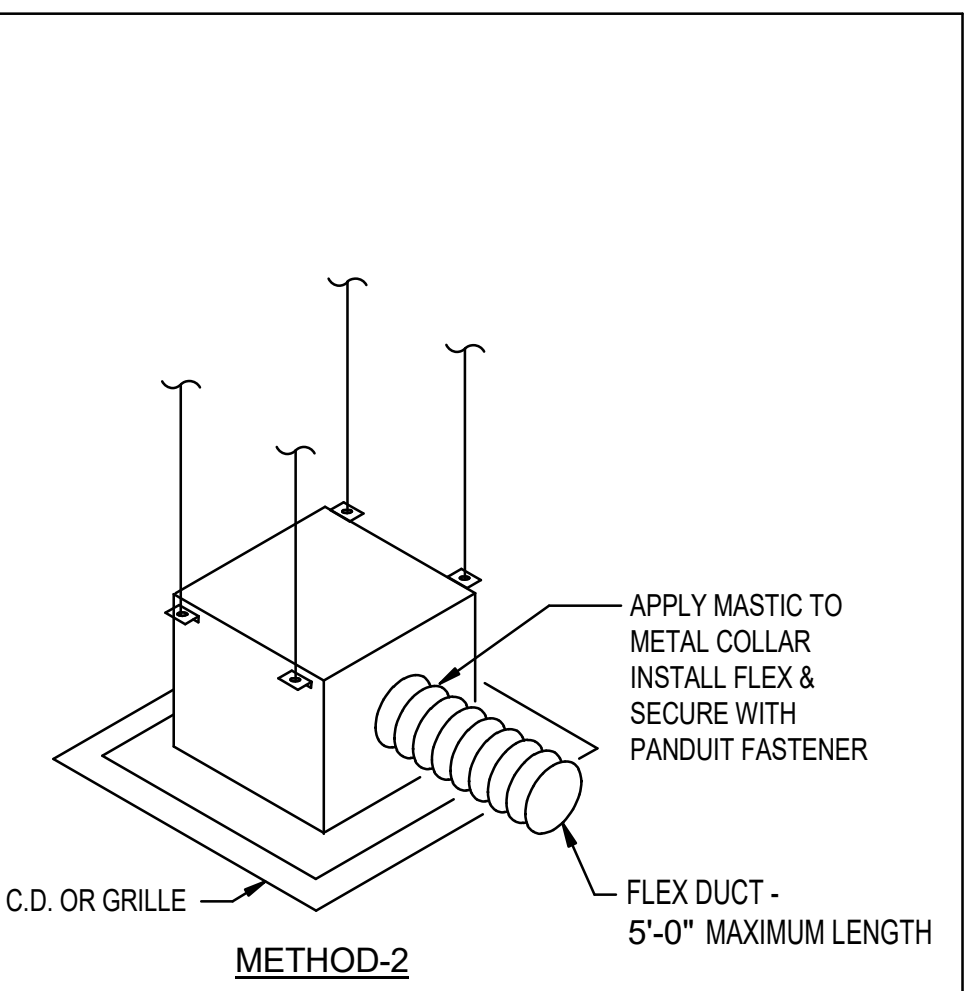
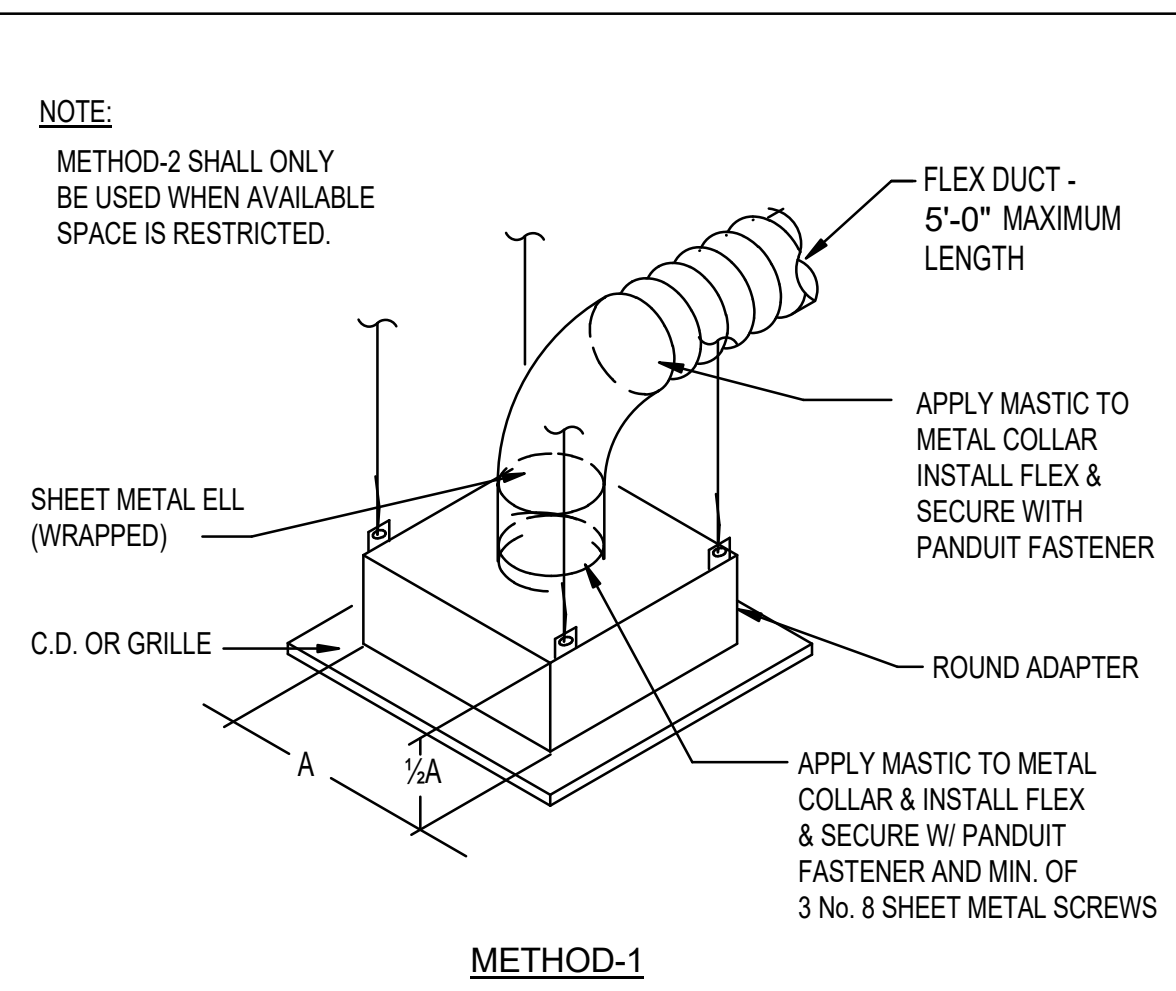


1/28/2021

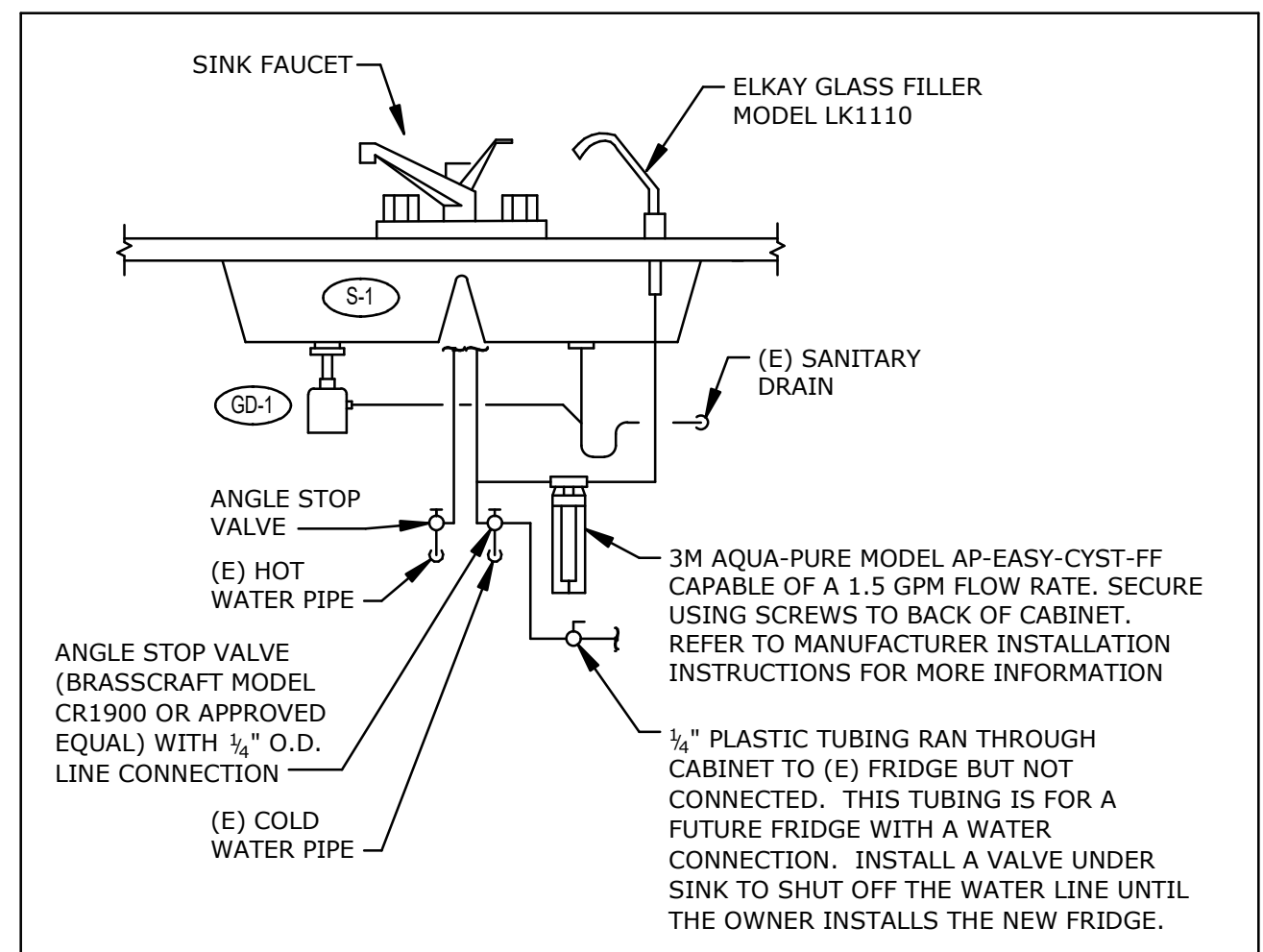


**MECHANICAL
 ENLARGED PLAN
 AND DETAILS
 MP200**

1 MECHANICAL ENLARGED PLAN
 SCALE: 1/4" = 1'-0"



1 LAY IN CEILING DIFFUSER DETAIL
 SCALE: N.T.S.



2 KITCHEN SINK PIPING DETAIL
 SCALE: N.T.S.

GENERAL NOTES:
 1. FOR ALL WASTE, COLD WATER, AND HOT WATER PIPING CONTRACTOR IS TO MATCH THE MATERIAL OF THE EXISTING PIPE FOR CONNECTION INTO THE NEW BREAKROOM SINK (S-1).

PD DISPATCH REMODEL
 City of Sparks
 1701 E PRATER WAY
 SPARKS NV 89434

No.	Description	Date

ELECTRICAL SYMBOLS

CONDUIT AND RACEWAY		MOUNTING (UON)
	CONDUIT RUN IN OR ON CEILING OR WALL.	NA
	CONDUIT RUN IN FLOOR, UNDER FLOOR, OR UNDERGROUND.	NA
	MARKS INDICATE QTY OF CONDUCTORS IN CONDUIT EXCLUDING GROUND. NO MARKS INDICATE (2) CONDUCTORS. ADD GROUND PER NEC FOR EMT & NON-METALLIC CONDUIT.	NA
	LONG MARK INDICATES GROUND FOR ISOLATED GROUNDING SYSTEM. SIZE PER NEC.	NA
	BRANCH CIRCUIT (DIAGRAMMATIC)	NA
	HOMERUN INDICATING PANEL AND CIRCUIT NUMBER.	NA
	HOMERUN WITH CIRCUIT NUMBER IN BRACKETS INDICATING MULTI-PHASE LOAD.	NA
	"ON" INDICATES CIRCUITING SPLIT AT DIFFERENT LOCATIONS	NA
	CONDUIT DOWN.	NA
	CONDUIT UP.	NA
	CONDUIT STUB AND CAP.	NA

POWER DEVICES		MOUNTING (UON)
	DUPLEX CONVENIENCE OUTLET, +18" AFF (TYPICAL).	W, +18" AFF
	DUPLEX CONVENIENCE OUTLET, COUNTER HEIGHT +48" AFF (TYPICAL).	W, FVMH
	CONVENIENCE OUTLET W/ GFCI PROTECTION.	W, +18" AFF
	CONVENIENCE OUTLET W/ GFCI PROTECTION & WEATHER PROOF-IN-USE COVER.	W, +18" AFF
	DUPLEX CONVENIENCE OUTLET W/ DEDICATED CIRCUIT & ISOLATED GROUND.	W, +18" AFF
	DUPLEX CONVENIENCE OUTLET FOR MONITOR. COORDINATE WITH ARCH/OWNER.	W, +60" AFF
	DUPLEX CONVENIENCE OUTLET WITH INTEGRAL USB CHARGING PORTS.	W, +18" AFF
	DUPLEX CONVENIENCE OUTLET FOR DRINKING FOUNTAIN. COORDINATE WITH MECH.	W, +30" AFF
	DUPLEX CONVENIENCE OUTLET W/ DEDICATED CIRCUIT FOR REFRIGERATOR.	W, +42" AFF
	DUPLEX CONVENIENCE OUTLET W/ DEDICATED CIRCUIT FOR WASTE DISPOSAL.	W, +18" AFF
	DOUBLE DUPLEX CONVENIENCE OUTLET.	W, +18" AFF
	DUPLEX CONVENIENCE OUTLET, CEILING MOUNTED, FVMH.	C, FVMH
	QUAD RECEPTACLE IN FLOOR BOX.	FL
	DUPLEX RECEPTACLE IN FLOOR BOX.	FL
	SPECIAL PURPOSE OUTLET, NEMA CONFIGURATION AND VOLTAGE AS NOTED.	W, FVMH
	JUNCTION BOX, SPECIFIC USE AS NOTED.	W, FVMH

LIGHTING (REFER TO LIGHTING FIXTURE SCHEDULE FOR DETAILS)		MOUNTING (UON)
	LIGHTING FIXTURE TAG, INDICATING FIXTURE ID.	
	HALF SHADING AND/OR 'EM' TAG INDICATES FIXTURE W/ 90 MIN. EMERGENCY BACKUP.	W
	RECESSED VOLUMETRIC TROFFER, 1'X4', 2'X2', 2'X4'	C
	STRIP LIGHT FIXTURE.	C
	LINEAR LIGHTING FIXTURE.	C, W, FL
	RECESSED SQUARE DOWNLIGHT FIXTURE.	C
	RECESSED AND/OR SEMI-RECESSED ROUND DOWNLIGHT FIXTURE.	C
	TRACK AND TRACK LIGHT FIXTURE.	C, W
	VANITY FIXTURE.	W
	EXIT SIGN, SINGLE FACE. ARROWS INDICATE PATH OF EGRESS. REFER TO PLANS FOR MOUNTING. ON UNSWITCHED LEG ON CIRCUIT.	FVM
	EXIT SIGN, DOUBLE FACE. ARROWS INDICATE PATH OF EGRESS. REFER TO PLANS FOR MOUNTING. ON UNSWITCHED LEG ON CIRCUIT.	FVM

TELECOMMUNICATION DEVICES		MOUNTING (UON)
	DATA OUTLET	W
	TELEPHONE OUTLET	W
	DATA/TELEPHONE OUTLET	W
	WIRELESS ACCESS POINT (WAP)	C

ELECTRICAL SYMBOLS

LIGHTING CONTROLS		MOUNTING (UON)
	LINE VOLTAGE LIGHT SWITCH, SINGLE POLE, +48" AFF.	W, +48" AFF
	THREE-WAY SWITCH, +48" AFF.	W, +48" AFF
	FOUR-WAY SWITCH, +48" AFF.	W, +48" AFF
	LINE VOLTAGE DIMMER SWITCH, +48" AFF.	W, +48" AFF
	KEYED SWITCH, +48" AFF.	W, +48" AFF
	LIGHT SWITCH, SINGLE POLE, LIGHTED HANDLE, +48" AFF.	W, +48" AFF
	MOMENTARY OVERRIDE SWITCH, +48" AFF.	W, +48" AFF
	LOW VOLTAGE DIMMING SWITCH, +48" AFF.	W, +48" AFF
	LINE VOLTAGE DIMMING SWITCH, OCCUPANCY SENSOR +48" AFF.	W, +48" AFF
	DIGITAL TIME SWITCH, +48" AFF.	W, +48" AFF
	MOMENTARY CONTACT SWITCH, +48" AFF.	W, +48" AFF
	OCCUPANCY SENSOR, DUAL TECHNOLOGY.	C
	PHOTOELECTRIC SENSOR.	C
	CONTROL ETHERNET GATEWAY HUB. REFER TO LIGHTING CONTROLS RISER DIAGRAM.	FVM
	CONTROL POWER PACK. REFER TO LIGHTING CONTROLS RISER DIAGRAM.	FVM
	CONTROL DEVICE. REFER TO LIGHTING CONTROLS RISER DIAGRAM.	W, +48" AFF

EQUIPMENT		MOUNTING (UON)
	MOTOR RATED SWITCH.	FVM
	MOTOR RATED HAND-OFF-AUTO SWITCH.	FVM
	EMERGENCY POWER OFF SWITCH, MUSHROOM TYPE.	W, FVMH
	DISCONNECT, HEAVY DUTY, NON-FUSIBLE.	W
	DISCONNECT, HEAVY DUTY, FUSIBLE.	W, FVMH
	MAGNETIC MOTOR STARTER.	W
	COMBINATION MOTOR STARTER & DISCONNECT.	W, FVMH
	VARIABLE FREQUENCY DRIVE.	W
	ELECTRICAL PANEL, SURFACE MOUNTED.	W
	ELECTRICAL PANEL, FLUSH MOUNTED.	W
	TRANSFORMER.	FL
	DISTRIBUTION PANELBOARD.	W, FVMH
	INVERTER.	W, FVMH
	EQUIPMENT CALLOUT.	
	AUXILIARY SYSTEM CABINET.	W, FVMH

ABBREVIATIONS

1P	ONE POLE
1PH	SINGLE PHASE
2/C	TWO-CONDUCTOR
2P	TWO POLE
3/C	THREE-CONDUCTOR
3P	THREE POLE
3PH	THREE PHASE
3W	THREE WIRE
4PDT	FOUR POLE DOUBLE THROW
4PST	FOUR POLE SINGLE THROW
4W	FOUR WIRE
A/C	AIR CONDITIONING
AC	ALTERNATING CURRENT
ACS	ACCESS CONTROL SYSTEM
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJACENT
AFC	AVAILABLE FAULT CURRENT
AFF	ABOVE FINISHED FLOOR / GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ALCP	AREA LIGHT CONTACTOR PANEL
ALT	ALTERNATE
AMP	AMPERE
APPROX.	APPROXIMATE / APPROXIMATELY
AR	AS REQUIRED
ARCH	ARCHITECTURAL / ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BB	BUCK BOOST
BFB	BACK FEED BREAKER
BLDG	BUILDING
BRKR	BREAKER
BTU	BRITISH THERMAL UNIT
C	CEILING
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CFBA	CUSTOM COLOR / FINISH SELECTED BY ARCHITECT
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
CKT	CIRCUIT
CL	CENTERLINE
CLG	CEILING
CO	CONVENIENCE OUTLET, RECEPTACLE
CU	COPPER
DA	DAMPER ACTUATOR
dB	DECIBEL, UNIT OF SOUND LEVEL
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DISC	DISCONNECT
DN	DOWN
DPDT	DOUBLE POLE DOUBLE THROW
DWG	DRAWINGS
E	EAST
EA	EACH
EC	EMPTY CONDUIT WITH PULL WIRE
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY
EMB	EXTERNAL MAINTENANCE BYPASS
EMT	ELECTRICAL METALLIC CONDUIT
ENT	ELECTRICAL NONMETALLIC CONDUIT
EPO	EMERGENCY POWER OFF

ABBREVIATIONS

EQUIP	EQUIPMENT
EXIST	EXISTING
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FLA	FULL LOAD AMPERES
FMC	FLEXIBLE METAL CONDUIT
FPEN	FUSE PER EQUIPMENT NAMEPLATE
FSD	FIRE SMOKE DAMPER
FVM	FIELD VERIFY MOUNTING
FVMH	FIELD VERIFY MOUNTING HEIGHT
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
G	GROUND
GALV	GALVANIZED
GEC	GROUNDING ELECTRODE CONDUCTOR
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND
HD	HEAVY DUTY
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH-PRESSURE SODIUM
HV	HIGH VOLTAGE
HVAC	HEATING, VENTILATION & AIR CONDITIONING
Hz	HERTZ, UNIT OF FREQUENCY
I/O	INPUT / OUTPUT
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INIS	INSULATED / ISOLATED
IR	INFRARED
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
LED	LIGHT EMITTING DIODE
LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
LPS	LOW-PRESSURE SODIUM
LRA	LOCKED ROTOR AMPERES
LTG	LIGHTING
LV	LOW VOLTAGE
MAX	MAXIMUM
MBJ	MAIN BONDING JUMPER
MC	METAL CLAD
MCA	MINIMUM CIRCUIT AMPERES
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVER-CURRENT PROTECTION
MON	MONITOR
N	NORTH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION
NFC	NATIONAL FIRE CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION

ABBREVIATIONS

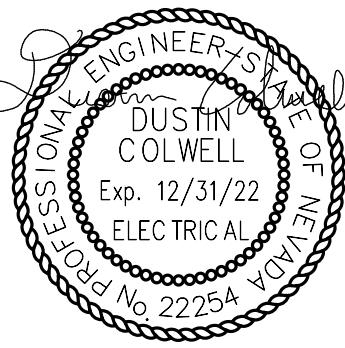
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NO	NUMBER
NTS	NOT TO SCALE
OAE	OR APPROVED EQUAL
OC	ON CENTER
OCF	OVER-CURRENT PROTECTION
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OHD	OVERHEAD DOOR
OL	OVERLOAD
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PROJ	PROJECTOR
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
R	RELOCATED DEVICE / EQUIPMENT
RAU	REMOTE ANNUNCIATOR UNIT
RCP	REFLECTED CEILING PLAN
REF	REFRIGERATOR
REV	REVISIONS / REVISED
RMC	RIGID METAL CONDUIT
RNC	RIGID NONMETALLIC CONDUIT
RPM	REVOLUTIONS PER MINUTE
RR	REMOVE & RELOCATE
S	SOUTH
S/N	SWITCH NEUTRAL
S/S	START / STOP
SCA	SHORT CIRCUIT AMPERES
SF	SQUARE FOOT / FEET
SFBA	STANDARD FINISH / COLOR BY ARCHITECT
SPD	SURGE PROTECTION DEVICE
SPDT	SINGLE POLE DOUBLE THROW
SPEC	SPECIFICATION
SPST	SINGLE POLE SINGLE THROW
SQ	SQUARE
ST	SINGLE THROW
STRUCT	STRUCTURAL
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TEMP	TEMPORARY
TL	TWISTLOCK
TP	TWISTED PAIR
TSP	TWISTED SHIELDED PAIR
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION (CABLE)
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UF	UNDERFLOOR / UNDERSLAB
UGND	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UNSW	UNSWITCHED
UPS	UNINTERRUPTIBLE POWER SOURCE
V	VOLTS / VOLTAGE
VA	VOLT AMPERE
VFD	VARIABLE FREQUENCY DRIVE
W	WEST
W/	WITH
W/O	WITHOUT
WH	WATER HEATER
WP	WEATHER PROOF (NEMA 3R)
X	REMOVE / DEMOLISH
XF	TRANSFORMER
XP	EXPLOSION PROOF
Y	WYE

ELECTRICAL DRAWING SCHEDULE

SHEET NUMBER	SHEET NAME
e001	ELECTRICAL SYMBOL LEGEND & ABBREVIATIONS
e002	ELECTRICAL SPECIFICATIONS
e101	LEVEL 2 DISPATCH POWER PLAN - DEMOLITION
e102	LEVEL 2 DISPATCH LIGHTING PLAN - DEMOLITION
e201	LEVEL 2 DISPATCH POWER PLAN
e202	LEVEL 2 DISPATCH LIGHTING PLAN
e601	PANEL SCHEDULES
e602	LIGHTING FIXTURE SCHEDULES & DETAILS

NUMBER OF SHEETS IN SET: 8

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01/26/2021

ELECTRICAL SYMBOL LEGEND & ABBREVIATIONS

e001

SPARKS PD DISPATCH REMODEL

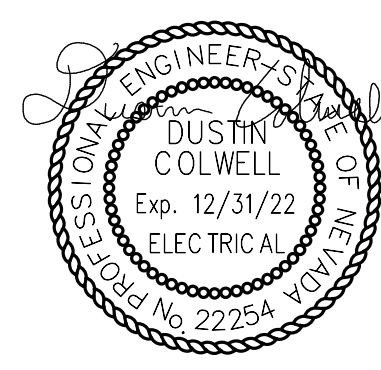
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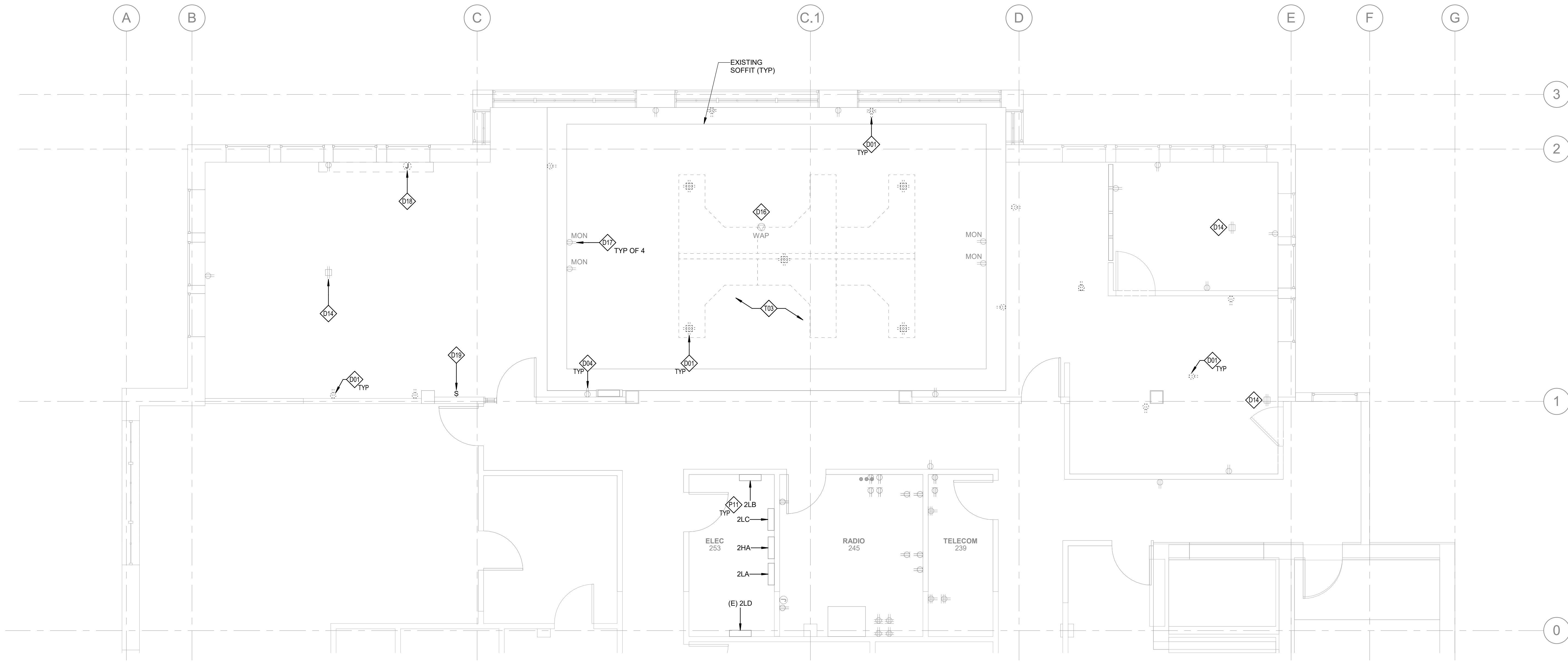
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 192079009

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**LEVEL 2 DISPATCH
 POWER PLAN -
 DEMOLITION**
e101

1 SECOND FLOOR DEMOLITION PLAN
 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- COORDINATE ALL NEW OR PROPOSED WORK WITH EXISTING CONDITIONS. FIELD CONFLICTS AND/OR DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
- EXISTING CONDITIONS ARE INDICATED ON THE DRAWINGS WITH HALF-TONE LINE WORK. DEMOLITION WORK IS INDICATED WITH FULL-TONE, DASHED LINE WORK, AND NEW OR PROPOSED WORK IS INDICATED WITH FULL-TONE, SOLID LINE WORK.
- FOR PANELBOARD SCHEDULES, FINAL CONDITIONS AFTER NEW WORK IS COMPLETED ARE SHOWN. FOR RETROFITS ON EXISTING EQUIPMENT, EXISTING CONDITIONS ARE INDICATED WITH NORMAL TYPE FACE AND/OR THE NOTATION (E). MODIFICATIONS ARE INDICATED IN THE DRAWINGS IN BOLD TYPE FACE.
- ALL WORK SHALL COMPLY WITH THE 2017 NFPA 70 NATIONAL ELECTRICAL CODE.

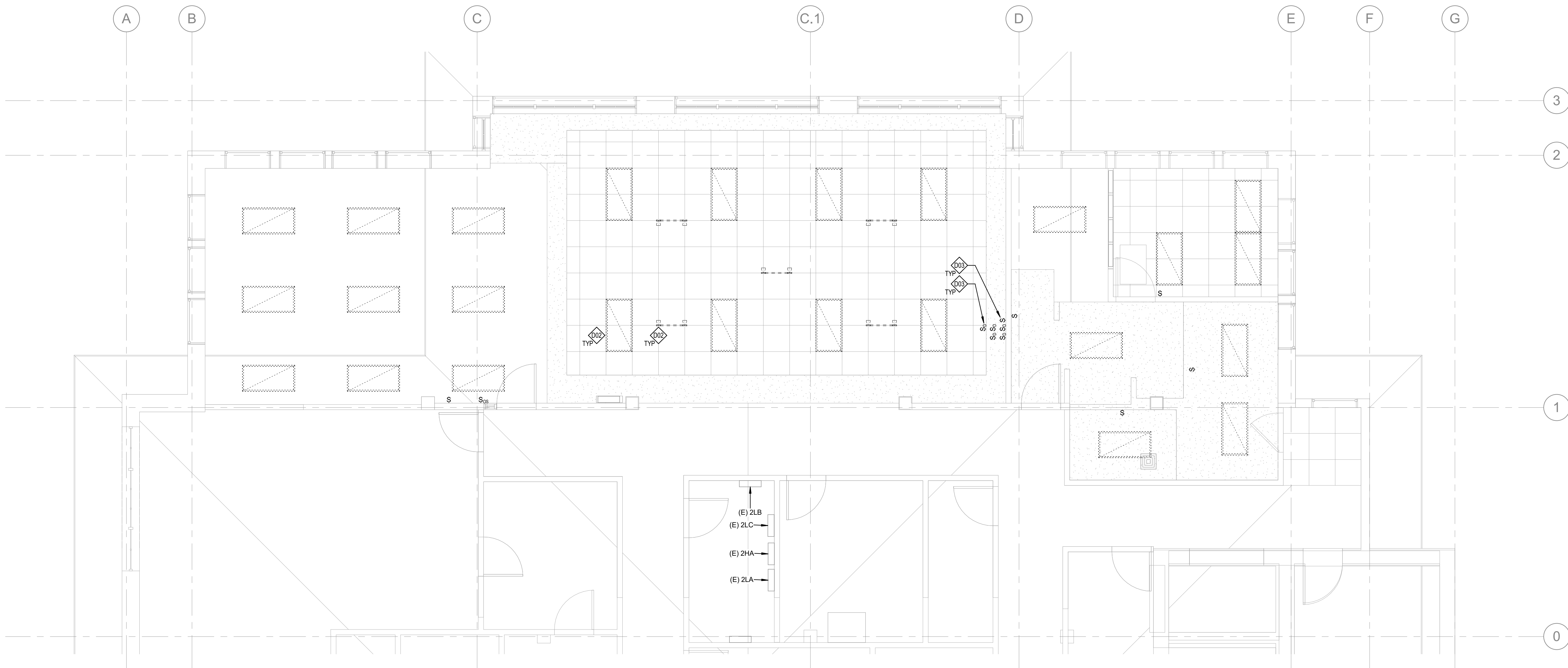
SHEET KEYNOTES

- D01 EXISTING WIRING DEVICE TO BE REMOVED. DISCONNECT FROM EXISTING CIRCUIT AND REMOVE ASSOCIATED CONDUIT AND CONDUCTORS. MAINTAIN THE EXISTING CIRCUIT AS REQUIRED. FIELD VERIFY.
- D04 EXISTING WIRING DEVICE TO REMAIN. PROTECT IN PLACE.
- D14 EXISTING FLOOR MOUNTED RECEPTACLE TO REMAIN AND TO BE CONCEAL BENEATH PROPOSED FLOORING. THE CONTRACTOR SHALL PROVIDE METAL COVER TO PROTECT THE DUPLEX RECEPTACLE PRIOR TO INSTALLATION OF THE PROPOSED FLOORING OVER TOP.
- D16 EXISTING TELECOMMUNICATION DEVICE IN CEILING TO REMAIN. PROTECT IN PLACE.
- D17 EXISTING WIRING DEVICE IN SOFFIT TO REMAIN. PROTECT IN PLACE.
- D18 EXISTING PROJECTOR SCREEN TO BE REMOVED AND SALVAGED TO OWNER. ASSOCIATED CONDUIT, CONDUCTORS, AND CONTROLS TO BE DEMOLISHED BACK TO SOURCE. MAINTAIN THE EXISTING CIRCUIT AS REQUIRED. FIELD VERIFY.
- D19 EXISTING PROJECTOR SCREEN CONTROL SWITCH TO BE DEMOLISHED.
- P11 REFER TO PANEL SCHEDULES FOR DETAILS ON PANEL MODIFICATIONS.
- T03 COMMUNICATIONS DEMOLITION WORK IN THIS AREA IS INCIDENTAL TO THE DEMOLITION OF THE EXISTING DISPATCH CENTER STATIONS. EXISTING WALL MOUNTED COMMUNICATIONS DEVICES TO REMAIN. PROTECT IN PLACE.

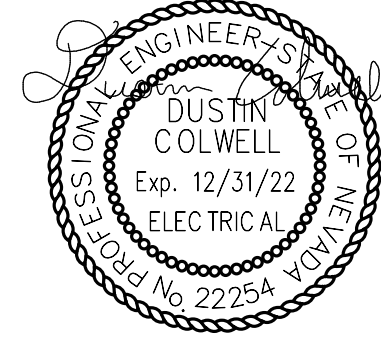
**SPARKS PD DISPATCH
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 City of Sparks

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No.	Description	Date



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01/26/2021

**LEVEL 2 DISPATCH
 LIGHTING PLAN -
 DEMOLITION**

e102

1 SECOND FLOOR DEMOLITION PLAN
 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- COORDINATE ALL NEW OR PROPOSED WORK WITH EXISTING CONDITIONS. FIELD CONFLICTS AND/OR DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
- EXISTING CONDITIONS ARE INDICATED ON THE DRAWINGS WITH HALF-TONE LINE WORK. DEMOLITION WORK IS INDICATED WITH FULL-TONE, DASHED LINE WORK, AND NEW OR PROPOSED WORK IS INDICATED WITH FULL-TONE, SOLID LINE WORK.
- FOR PANELBOARD SCHEDULES, FINAL CONDITIONS AFTER NEW WORK IS COMPLETED ARE SHOWN. FOR RETROFITS ON EXISTING EQUIPMENT, EXISTING CONDITIONS ARE INDICATED WITH NORMAL TYPE FACE AND/OR THE NOTATION (E). MODIFICATIONS ARE INDICATED IN THE DRAWINGS IN BOLD TYPE FACE.
- ALL WORK SHALL COMPLY WITH THE 2017 NFPA 70 NATIONAL ELECTRICAL CODE.

SHEET KEYNOTES

- D02 EXISTING LIGHTING FIXTURE TO BE REMOVED.
- D03 EXISTING LIGHTING DEVICE TO BE REMOVED.

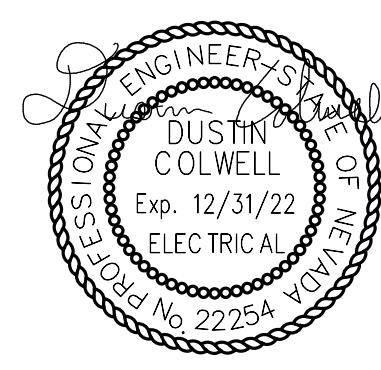
**SPARKS PD DISPATCH
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 City of Sparks

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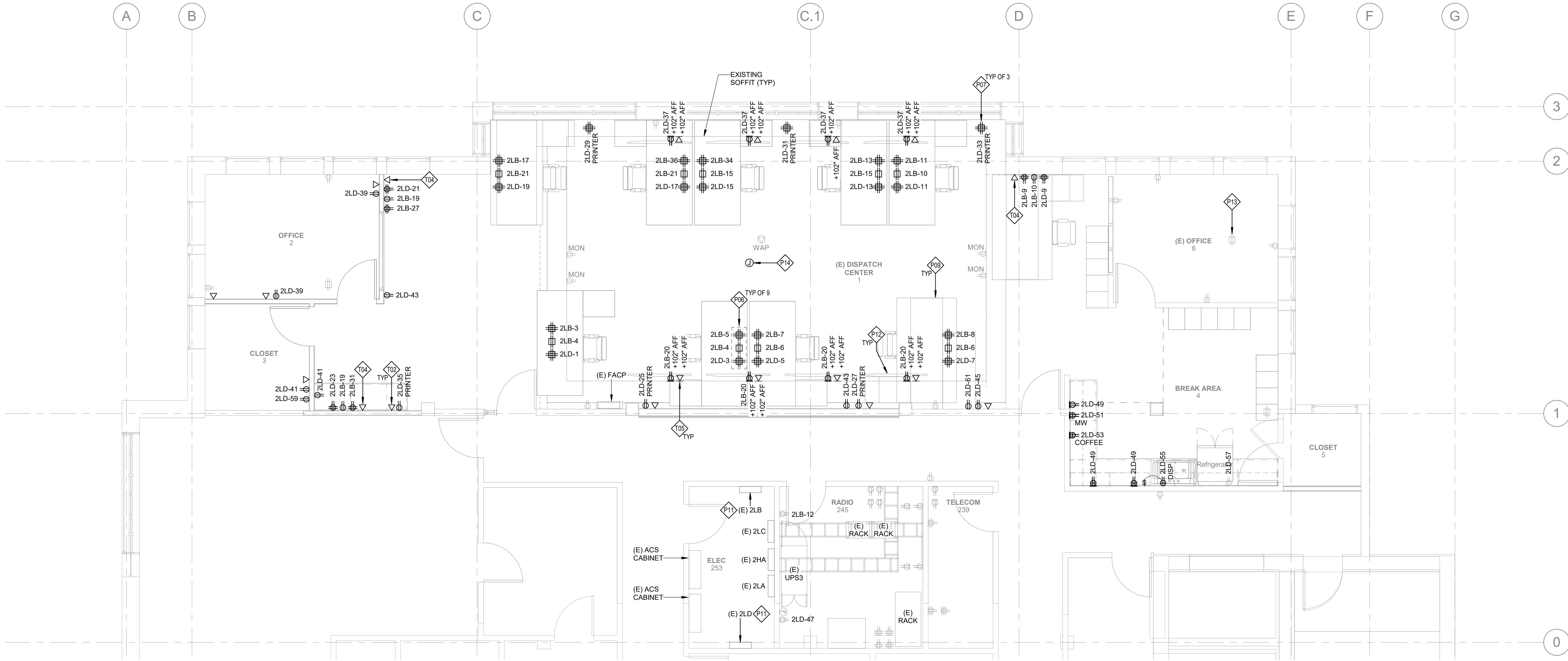
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LEVEL 2 DISPATCH POWER PLAN

e201

1 DISPATCH CENTER ELECTRICAL PLAN - LEVEL 2
 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- COORDINATE ALL NEW OR PROPOSED WORK WITH EXISTING CONDITIONS. FIELD CONFLICTS AND/OR DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
- EXISTING CONDITIONS ARE INDICATED ON THE DRAWINGS WITH HALF-TONE LINE WORK, DEMOLITION WORK IS INDICATED WITH FULL-TONE, DASHED LINE WORK, AND NEW OR PROPOSED WORK IS INDICATED WITH FULL-TONE, SOLID LINE WORK.
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- ALL WORK SHALL COMPLY WITH THE 2017 NFPA 70 NATIONAL ELECTRICAL CODE.

SHEET KEYNOTES

- P06** ELECTRICAL FLOOR BOX FOR POWER AND COMMUNICATIONS. PROVIDE HUBBELL CFB4G30 WITH ELECTRICAL WHIP FOR CONNECTION TO OWNER FURNISHED DISPATCH CONSOLE FURNITURE. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH FINAL FF&E SUBMITTALS. PROVIDE (1) UPS BACKUP CIRCUIT FOR A DEDICATED QUAD RECEPTACLE, (1) SPLIT UPS BACKUP CIRCUIT TO A SPLIT QUAD RECEPTACLE, AND (1) SPLIT NORMAL CIRCUIT TO THE SPLIT QUAD RECEPTACLE FOR NON CRITICAL LOADS. POKE-THRU SHALL BE MOUNTED TO RAISED FLOOR TILE. CONTRACTOR SHALL ROUTE CONDUITS TO THE POKE-THRU LOCATIONS SHOWN AND PROVIDE (10) FEET OF FMC TO PROVIDE FLEXIBILITY FOR LOCATING THE POKE-THRU IN THE DISPATCH CENTER. COORDINATE FINAL CONDUIT ROUTINGS WITH OWNER. RESERVE (2) SINGLE GANG SPACES IN FLOOR BOX FOR TELECOMMUNICATIONS CABLING AND TERMINATIONS, BY OTHERS.
- P07** ELECTRICAL FLOOR BOX: PROVIDE HUBBELL CFB2G30 WITH (1) DUPLEX OUTLET FOR POWER AND (1) SINGLE GANG BOX RESERVED FOR COMMUNICATIONS, BY OTHERS.
- P09** DISPATCH CONSOLE DESKS, BY OTHERS.
- P11** REFER TO PANEL SCHEDULES FOR DETAILS ON PANEL MODIFICATIONS.
- P12** FLAT SCREEN TV MONITORS, BY OTHERS.
- P13** PROVIDE NEW BRASS DUPLEX LIFT-LID COVER PLATE ON THE EXISTING FLOOR MOUNTED OUTLET. FIELD VERIFY REQUIREMENTS.
- P14** PROVIDE JUNCTION BOX BENEATH ACCESSIBLE RAISE FLOOR IN THIS LOCATION. ROUTE ALL BELOW FLOOR CRITICAL AND NORMAL POWER FEEDS SERVING THE DISPATCH CONSOLES THROUGH THIS JUNCTION BOX. COORDINATE EXACT LOCATION WITH FINAL RAISED FLOOR INSTALLER AND OWNER. FIELD VERIFY.
- T02** TELECOMMUNICATIONS DEVICE. PROVIDE SINGLE GANG JUNCTION BOX WITH MUD RING AT +18" AFF AND 1" C. EMT FROM BOX TO +6" ABOVE FINISHED CEILING. TELECOMMUNICATIONS EQUIPMENT CONNECTIONS BY OTHERS.
- T04** TELECOMMUNICATIONS DEVICE. PROVIDE 4-SQUARE JUNCTION BOX WITH MUD RING AT +18" AFF AND (2) 1" C. EMT FROM BOX TO +6" ABOVE FINISHED CEILING. TELECOMMUNICATIONS CABLING, DEVICES, AND CONNECTIONS BY OTHERS.
- T05** TELECOMMUNICATIONS DEVICE. PROVIDE SINGLE GANG JUNCTION BOX WITH MUD RING AT MOUNTING HEIGHT INDICATED AND 1" C. EMT FROM BOX TO +6" ABOVE FINISHED CEILING. TELECOMMUNICATIONS EQUIPMENT CONNECTIONS BY OTHERS.

DISPATCH CONSOLE PROPOSED CRITICAL LOADS AT EACH DISPATCH STATION

QTY	EQUIPMENT	LOAD (W)
1	WEST COMMUNICATIONS 911810-1	250
1	HARRIS R9063 REV C	4
1	HP Z2SFF G4 WORKSTATION DISPATCH	400
6	HP PRODISPLAY P221 MONITOR	132
1	HP ELITEDISPLAY E2711 LED BACKLIT DISPLAY	40
1	SHS2900-01 HEADSET DOCK	5
1	HARRIS DDC100 DIGITAL DESKTOP CONTROLLER	4
1	INTRADO CONSOLE	250
1	CPU CABINET COOLING FAN	36
TOTAL		1121

DISPATCH CONSOLE PROPOSED NORMAL LOADS AT EACH DISPATCH STATION

QTY	EQUIPMENT	LOAD (W)
1	XYBIX T4 TABLE	600
1	MYCLIMATE PERSONAL CLIMATE CONTROL	492
1	TASK LIGHTING	18
TOTAL		1110

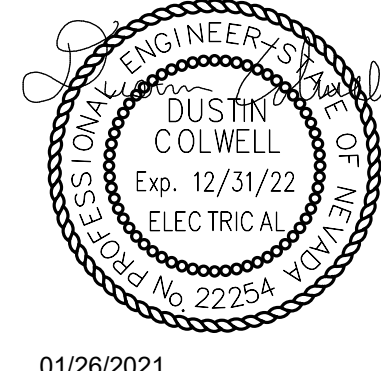
SPARKS PD DISPATCH REMODEL
 City of Sparks

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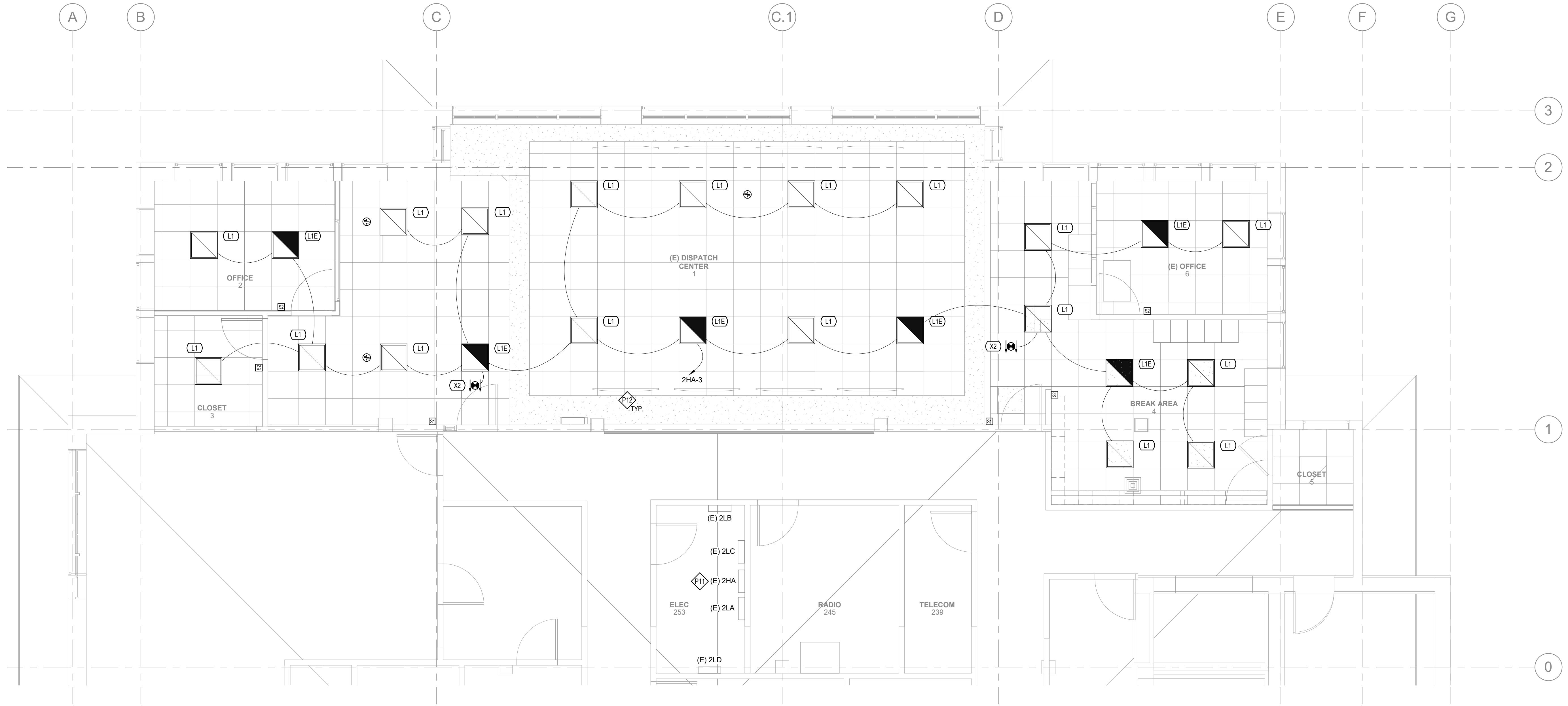
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LEVEL 2 DISPATCH LIGHTING PLAN

e202

1 SECOND FLOOR PROPOSED PLAN
 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- COORDINATE ALL NEW OR PROPOSED WORK WITH EXISTING CONDITIONS. FIELD CONFLICTS AND/OR DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
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- ALL WORK SHALL COMPLY WITH THE 2017 NFPA 70 NATIONAL ELECTRICAL CODE.

SHEET KEYNOTES

- P11 REFER TO PANEL SCHEDULES FOR DETAILS ON PANEL MODIFICATIONS.
- P12 FLAT SCREEN TV MONITORS, BY OTHERS.

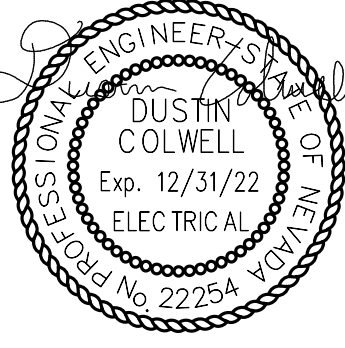
SPARKS PD DISPATCH REMODEL
 City of Sparks

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No.	Description	Date
1	PERMIT REVIEW COMMENTS	11/30/2020

CONSTRUCTION SET
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01/26/2021

BRANCH PANEL: 2LB											
LOCATION: ELEC 253 SUPPLY FROM: UPS DIST. MOUNTING: SURFACE ENCLOSURE: NEMA 1				VOLTS: 120/208 SINGLE PHASES: 1 WIRES: 3				A.I.C. RATING: 10K MAINS TYPE: MCB MAINS RATING: 125 A MCB RATING: 100 A			
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	POLES	TRIP	CIRCUIT DESCRIPTION	CKT		
1	(E) LOAD (NOTE 1)	20 A	1	0 VA	0 VA	1	20 A	(E) LOAD (NOTE 1)	2		
3	DISPATCH CONSOLE 1	20 A	1	750 VA	750 VA	1	20 A	DISPATCH CONSOLE 1,2	4		
5	DISPATCH CONSOLE 2	20 A	1	750 VA	750 VA	1	20 A	DISPATCH CONSOLE 3,4	6		
7	DISPATCH CONSOLE 3	20 A	1	750 VA	750 VA	1	20 A	DISPATCH CONSOLE 4	8		
9	DISPATCH CONSOLE 5	20 A	1	750 VA	750 VA	1	20 A	DISPATCH CONSOLE 5,6	10		
11	DISPATCH CONSOLE 6	20 A	1	750 VA	180 VA	1	20 A	(E) CO RADIO RM 245	12		
13	DISPATCH CONSOLE 7	20 A	1	750 VA	0 VA	1	20 A	SPARE	14		
15	DISPATCH CONSOLE 7,8	20 A	1	750 VA	0 VA	1	20 A	(E) LOAD (NOTE 1)	16		
17	DISPATCH CONSOLE 10	20 A	1	750 VA	0 VA	1	20 A	(E) LOAD (NOTE 1)	18		
19	(F) DISPATCH CONSOLE 11,12	20 A	1	750 VA	720 VA	1	20 A	CO DISPATCH TV MONITORS	20		
21	DISPATCH CONSOLE 9,10	20 A	1	750 VA	0 VA	1	20 A	(E) TELECOM RM 239	22		
23	(E) LOAD (NOTE 1)	20 A	1	0 VA	0 VA	1	20 A	(E) TELECOM RM 911 SERVICE	24		
25	(E) LOAD (NOTE 1)	20 A	1	0 VA	0 VA	1	20 A	(E) LOAD (NOTE 1)	26		
27	(F) DISPATCH CONSOLE 11	20 A	1	0 VA	750 VA	1	20 A	(E) LOAD (NOTE 1)	28		
29	(E) LOAD (NOTE 1)	20 A	1	0 VA	0 VA	1	20 A	(E) RADIO RM SERVER 245	30		
31	(F) DISPATCH CONSOLE 12	20 A	1	0 VA	750 VA	1	20 A	(E) RADIO RM SERVER 245	32		
33	(E) LOAD (NOTE 1)	20 A	1	0 VA	750 VA	1	20 A	DISPATCH CONSOLE 8	34		
35	(E) LOAD (NOTE 1)	20 A	1	0 VA	0 VA	1	20 A	DISPATCH CONSOLE 9	36		
37	(E) LOAD (NOTE 1)	20 A	1	0 VA	0 VA	1	20 A	(E) SPACE	38		
39	(E) SPACE	--	--	0 VA	0 VA	--	--	(E) SPACE	40		
41	(E) SPACE	--	--	0 VA	0 VA	--	--	(E) SPACE	42		
TOTAL LOAD:				6000 VA	8400 VA						
TOTAL AMPS:				58 A	78 A						
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	EST. DEMAND	PANEL TOTALS						
EQUIPMENT		720 VA	100.00%	720 VA	TOTAL CONN. LOAD: 14400 VA						
RECEPTACLE		13680 VA	86.55%	11840 VA	TOTAL EST. DEMAND: 12560 VA						
					TOTAL CONN.: 69 A						
					TOTAL EST. DEMAND: 60 A						

NOTES:
 EXISTING PANELBOARD MEASURED LOAD = 24A @ 120/208V, 1-PHASE, 1.) CONTRACTOR TO TRACE CIRCUIT AND IDENTIFY CONNECTED EQUIPMENT/DEVICES AND REPORT TO ENGINEER TO DETERMINE FINAL DISPOSITION.

BRANCH PANEL: 2HA												
LOCATION: RADIO 245 SUPPLY FROM: DPHA MOUNTING: SURFACE ENCLOSURE: NEMA 1				VOLTS: 480/277 WYE PHASES: 3 WIRES: 4				A.I.C. RATING: 10K MAINS TYPE: MLO MAINS RATING: 100 A MCB RATING: 0 A				
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT		
1	108,225,226,229,230 ETC	20 A	1	0 VA	0 VA			1	20 A	220-224,227	2	
3	228,241-244,247-249	20 A	1		456 VA	0 VA		1	20 A	200,201,204,206,207,218,1	4	
5	202,203,208,210-215,217	20 A	1				0 VA	0 VA	1	20 A	EXTERIOR	6
7	209	20 A	1	0 VA	0 VA			1	20 A	SKYLIGHT	8	
9	LOBBY	20 A	1		0 VA	0 VA		1	20 A	(E) SPARE	10	
11	(E) SPARE	20 A	1			0 VA	0 VA	1	20 A	(E) SPARE	12	
13	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	14	
15	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	16	
17	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	18	
19	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	20	
21	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	22	
23	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	24	
25	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	26	
27	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	28	
29	(E) SPACE	--	--	0 VA	0 VA			--	--	(E) SPACE	30	
TOTAL LOAD:				0 VA	456 VA	0 VA						
TOTAL AMPS:				0 A	2 A	0 A						
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	EST. DEMAND	PANEL TOTALS							
LIGHTING		456 VA	125.00%	570 VA	TOTAL CONN. LOAD: 456 VA							
					TOTAL EST. DEMAND: 570 VA							
					TOTAL CONN.: 1 A							
					TOTAL EST. DEMAND: 1 A							

NOTES:

BRANCH PANEL: 2LD											
LOCATION: ELEC 253 SUPPLY FROM: TB MOUNTING: SURFACE ENCLOSURE: NEMA 1				VOLTS: 120/208 WYE PHASES: 3 WIRES: 4				A.I.C. RATING: 10K MAINS TYPE: MCB MAINS RATING: 400 A MCB RATING: 400 A			
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT	
1	DISPATCH CONSOLE 1	20 A	1	1110 VA	0 VA			--	--	(E) SPACE	2
3	DISPATCH CONSOLE 2	20 A	1		1110 VA	0 VA		--	--	(E) SPACE	4
5	DISPATCH CONSOLE 3	20 A	1			1110 VA	0 VA	--	--	(E) SPACE	6
7	DISPATCH CONSOLE 4	20 A	1	1110 VA	0 VA			--	--	(E) SPACE	8
9	DISPATCH CONSOLE 5	20 A	1		1110 VA	0 VA		--	--	(E) SPACE	10
11	DISPATCH CONSOLE 6	20 A	1			1110 VA	0 VA	--	--	(E) SPACE	12
13	DISPATCH CONSOLE 7	20 A	1	1110 VA	0 VA			--	--	(E) SPACE	14
15	DISPATCH CONSOLE 8	20 A	1		1110 VA	0 VA		--	--	(E) SPACE	16
17	DISPATCH CONSOLE 9	20 A	1			1110 VA	0 VA	--	--	(E) SPACE	18
19	DISPATCH CONSOLE 10	20 A	1	1110 VA	0 VA			--	--	(E) SPACE	20
21	(F) DISPATCH CONSOLE 11	20 A	1		1110 VA	0 VA		--	--	(E) SPACE	22
23	(F) DISPATCH CONSOLE 12	20 A	1			1110 VA	0 VA	--	--	(E) SPACE	24
25	EQ DISPATCH PRINTER	20 A	1	1440 VA	0 VA			--	--	(E) SPACE	26
27	EQ DISPATCH PRINTER	20 A	1		1440 VA	0 VA		--	--	(E) SPACE	28
29	EQ DISPATCH PRINTER	20 A	1			1440 VA	0 VA	--	--	(E) SPACE	30
31	EQ DISPATCH PRINTER	20 A	1	1440 VA	0 VA			--	--	(E) SPACE	32
33	EQ DISPATCH PRINTER	20 A	1		1440 VA	0 VA		--	--	(E) SPACE	34
35	EQ DISPATCH PRINTER	20 A	1			1440 VA	0 VA	--	--	(E) SPACE	36
37	CO DISPATCH TV MONITORS	20 A	1	720 VA	0 VA			--	--	(E) SPACE	38
39	CO DISPATCH OFFICE	20 A	1		540 VA	0 VA		--	--	(E) SPACE	40
41	CO DISPATCH CLOSET	20 A	1			400 VA	0 VA	--	--	(E) SPACE	42
43	CO DISPATCH CENTER	20 A	1	360 VA	0 VA			--	--	(E) SPACE	44
45	CO MAIL RECEIVER	20 A	1		375 VA	0 VA		--	--	(E) SPACE	46
47	CO RADIO RM 245	20 A	1			180 VA	0 VA	--	--	(E) SPACE	48
49	CO BREAK AREA	20 A	1	540 VA	0 VA			--	--	(E) SPACE	50
51	EQ BREAK MICROWAVE	20 A	1		1000 VA	0 VA		--	--	(E) SPACE	52
53	EQ BREAK COFFEE	20 A	1			1200 VA	0 VA	--	--	(E) SPACE	54
55	EQ BREAK DISPOSAL	20 A	1	1000 VA	0 VA			--	--	(E) SPACE	56
57	EQ BREAK REF	20 A	1		260 VA	0 VA		--	--	(E) SPACE	58
59	CO DISPATCH CLOSET	20 A	1			200 VA	0 VA	--	--	(E) SPACE	60
61	CO MAIL RECEIVER	20 A	1	375 VA	0 VA			--	--	(E) SPACE	62
63	SPARE	20 A	1		0 VA	0 VA		--	--	(E) SPACE	64
65	SPARE	20 A	1			0 VA	0 VA	--	--	(E) SPACE	66
67	SPARE	20 A	1	0 VA	0 VA			--	--	(E) SPACE	68
69	SPARE	20 A	1		0 VA	0 VA		--	--	(E) SPACE	70
71	SPARE	20 A	1			0 VA	0 VA	--	--	(E) SPACE	72
73	SPARE	20 A	1	0 VA	0 VA			--	--	(E) SPACE	74
75	SPARE	20 A	1		0 VA	0 VA		--	--	(E) SPACE	76
77	SPARE	20 A	1			0 VA	0 VA	--	--	(E) SPACE	78
79	SPARE	20 A	1	0 VA	0 VA			--	--	(E) SPACE	80
81	SPARE	20 A	1		0 VA	0 VA		--	--	(E) SPACE	82
83	SPARE	20 A	1			0 VA	0 VA	--	--	(E) SPACE	84
TOTAL LOAD:				10315 VA	9495 VA	9300 VA					
TOTAL AMPS:				86 A	79 A	78 A					
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	EST. DEMAND	PANEL TOTALS						
EQUIPMENT		23350 VA	100.00%	23350 VA	TOTAL CONN. LOAD: 29110 VA						
RECEPTACLE		5760 VA	100.00%	5760 VA	TOTAL EST. DEMAND: 29110 VA						
					TOTAL CONN.: 81 A						
					TOTAL EST. DEMAND: 81 A						

NOTES:

GENERAL NOTES

- COORDINATE ALL NEW OR PROPOSED WORK WITH EXISTING CONDITIONS. FIELD CONFLICTS AND/OR DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
- EXISTING CONDITIONS ARE INDICATED ON THE DRAWINGS WITH HALF-TONE LINE WORK. DEMOLITION WORK IS INDICATED WITH FULL-TONE, DASHED LINE WORK, AND NEW OR PROPOSED WORK IS INDICATED WITH FULL-TONE, SOLID LINE WORK.
- FOR PANELBOARD SCHEDULES, FINAL CONDITIONS AFTER NEW WORK IS COMPLETED ARE SHOWN. FOR RETROFITS ON EXISTING EQUIPMENT, EXISTING CONDITIONS ARE INDICATED WITH NORMAL TYPE FACE AND/OR THE NOTATION (E). MODIFICATIONS ARE INDICATED IN THE DRAWINGS IN BOLD TYPE FACE.
- ALL WORK SHALL COMPLY WITH THE 2017 NFPA 70 NATIONAL ELECTRICAL CODE.

ELECTRICAL LOAD SUMMARIES BY ELECTRICAL EQUIPMENT

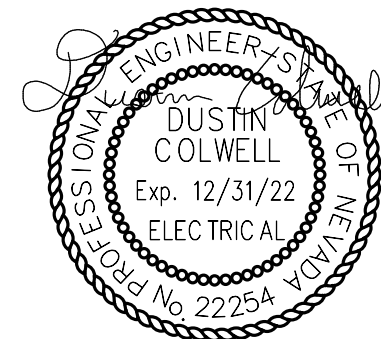
2LB	EXISTING LOAD (MEASURED)	43A @ 120/208V
	PROPOSED LOAD	21A @ 120/208V
	FINAL LOAD	64A @ 120/208V
2LD	EXISTING LOAD (ACTUAL)	0A @ 120/208V
	PROPOSED LOAD	84A @ 120/208V
	FINAL LOAD	84A @ 120/208V
2HA	EXISTING LOAD (ESTIMATED)	60A @ 120/208V
	PROPOSED LOAD	1A @ 120/208V
	FINAL LOAD	61A @ 120/208V
DPLA	EXISTING LOAD (MEASURED)	210A @ 120/208V
	PROPOSED LOAD	48A @ 120/208V
	FINAL LOAD	258A @ 120/208V

PANEL SCHEDULES

e601

SPARKS PD DISPATCH REMODEL
 City of Sparks
1701 E PRATER WAY
SPARKS NV 89434

No.	Description	Date



01/26/2021

LIGHTING FIXTURE SCHEDULE								
FIXTURE ID	DESCRIPTION	SOURCE	VOLTAGE	LOAD	MOUNTING	WET LABEL	MANUFACTURER & MODEL NUMBER	NOTES
L1	2X2 LED LIGHT FIXTURE, 80CRI, 5000K, 2000 LUMEN, 0-10V DIMMING	LED	277 V	19 VA	CEILING, RECESSED	No	LITHONIA EPANL-2X2-2000LM-80CRI-50K-MIN1-ZT-MVOLT OR APPROVED EQUAL	
L1E	2X2 LED LIGHT FIXTURE, 80CRI, 5000K, 2000 LUMEN, 0-10V DIMMING, 90 MIN BATTERY BACKUP	LED	277 V	19 VA	CEILING, RECESSED	No	LITHONIA EPANL-2X2-2000LM-80CRI-50K-MIN1-ZT-MVOLT-E10WCP OR APPROVED EQUAL	
X2	EXIT SIGN, DUAL FACE, CLEAR WITH GREEN LETTERING	LED	277 V	2 VA	FIXTURE MOUNTING PER PLAN	No	ISOLITE ELT-FT-EM-G-2M-BA OR APPROVED EQUAL	

COMcheck Software Version 4.1.1.0
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
 Project Title: Sparks PD Dispatch Center Remodel
 Project Type: Alteration

Construction Site:
 1701 E Prater Way
 Sparks, NV 89434

Owner/Agent:
 Rob Bidart
 City of Sparks
 Sparks, NV 89434
 rbidart@cityofsparks.us

Designer/Contractor:
 Joseph Nielsen
 Kimley-Horn
 5370 Kietzke Lane
 Suite 100
 Reno, NV 89511
 joe.nielsen@kimley-horn.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Dispatch Center (Office)	1879	0.79	1484
		Total Allowed Watts =	1484

Proposed Interior Lighting Power

A Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast	B Lamps / Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Dispatch Center (Office: 1879 sq.ft.) L1/L1E: LED Panel 19W:	1	24	19	456
				Total Proposed Watts = 456

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Dustin Colwell, Engineer of Record
 Name - Title: Signature: *Dustin Colwell* Date: 11/10/2020

Project Title: Sparks PD Dispatch Center Remodel Report date: 11/10/20
 Data filename: K:\REN_Mechanical\192079009 - Sparks PD Dispatch Remodel\Calculations\ComCheck\DISPATCH Page 1 of 6
 CENTER COMCHECK 2020-1110.cck

LIGHTING CONTROLS LEGEND

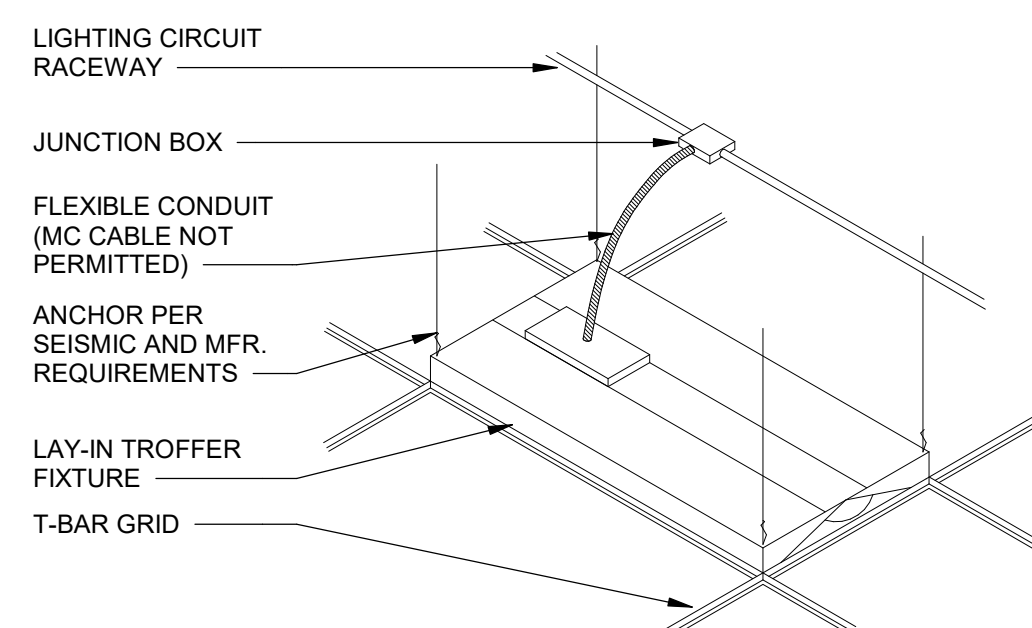
-----	LOW VOLTAGE CONTROLS CABLING (BY OTHERS)
—————	LINE VOLTAGE CONDUIT AND CONDUCTORS
PP	ROOM/ZONE CONTROL PACK (LITHONIA PP20 OR APPROVE EQUAL)
S1	DIMMING SWITCH, 0-10V DIMMING, 4-BUTTON - ON/OFF/RAISE/LOWER (LITHONIA SPODM-D-SA-WH OR APPROVE EQUAL)
S2	DIMMING SWITCH W/ INTEGRAL OCCUPANCY SENSOR (LITHONIA WSX-PDT-D-VA-WH OR APPROVED EQUAL), CONTRACTOR TO ENABLE ADH CAPABILITY.
☉	PHOTOCELL SENSOR (LITHONIA CM ADC OR APPROVE EQUAL)
*	OCCUPANCY SENSOR, 360 DEGREE (LITHONIA CM-PDT-9-ADC OR APPROVE EQUAL)

LIGHTING CONTROLS SEQUENCE OF OPERATIONS

- GENERAL
 - ALL LIGHTING SHALL BE HIGH EFFICIENCY LED WITH DIMMING CONTROLS. OWNER SHALL HAVE THE ABILITY TO REDUCE TOTAL LUMEN OUTPUT AS DESIRED.
 - ALL EMERGENCY LIGHTING SHALL BE EMERGENCY BATTERY BACKUP EITHER REMOTELY MOUNTED OR INTEGRAL TO THE FIXTURE. FIXTURES WITH EMERGENCY BATTERY BACKUP ARE INDICATED ON THE PLANS. PROVIDE WITH INTEGRAL TEST SWITCH.
 - INTERIOR LIGHTING CONTROLS SHALL BE LOW VOLTAGE, 0-10V DIMMING COMPATIBLE.
 - DAYLIGHTING
 - FIXTURES SPECIFIED WITH DAYLIGHTING CONTROLS SHALL BE INTEGRAL TO THE FIXTURE TO BE CONTROLLED BY AUTOMATIC PHOTOCELL DIMMING AS REQUIRED IN THE 2018 IECC.
 - OCCUPANCY
 - ALL LIGHTING SHALL BE CONTROLLED BY AUTOMATIC OFF/MANUAL ON OCCUPANCY SENSOR CONTROLS. EXPECT WHERE PERMITTED UNDER 2018 IECC. CONTRACTOR SHALL COORDINATE WITH END USER TO SET DELAY TIMES FOR OCCUPANCY SENSORS TO A MAXIMUM OF 30 MINUTES.
 - THE LIGHTING IN THE HALLWAYS, LOBBIES, AND OTHER EGRESS AREAS SHALL HAVE NO OCCUPANCY SENSOR CONTROLS AS PERMITTED BY THE 2018 IECC.

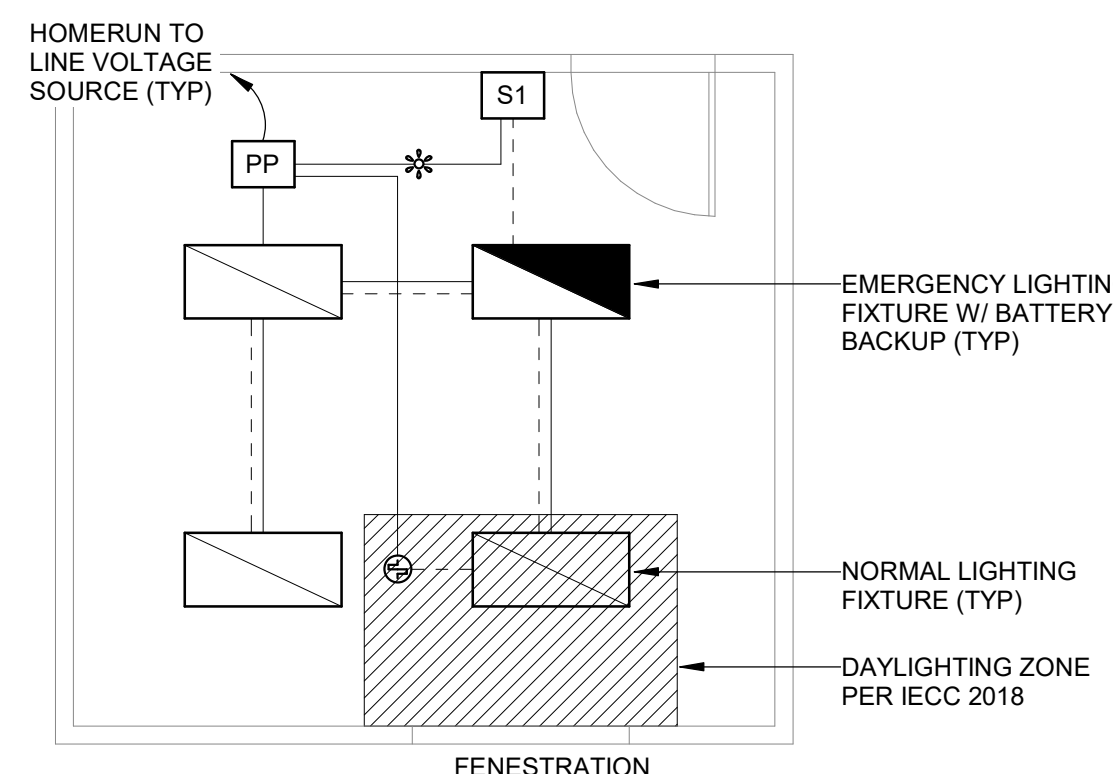
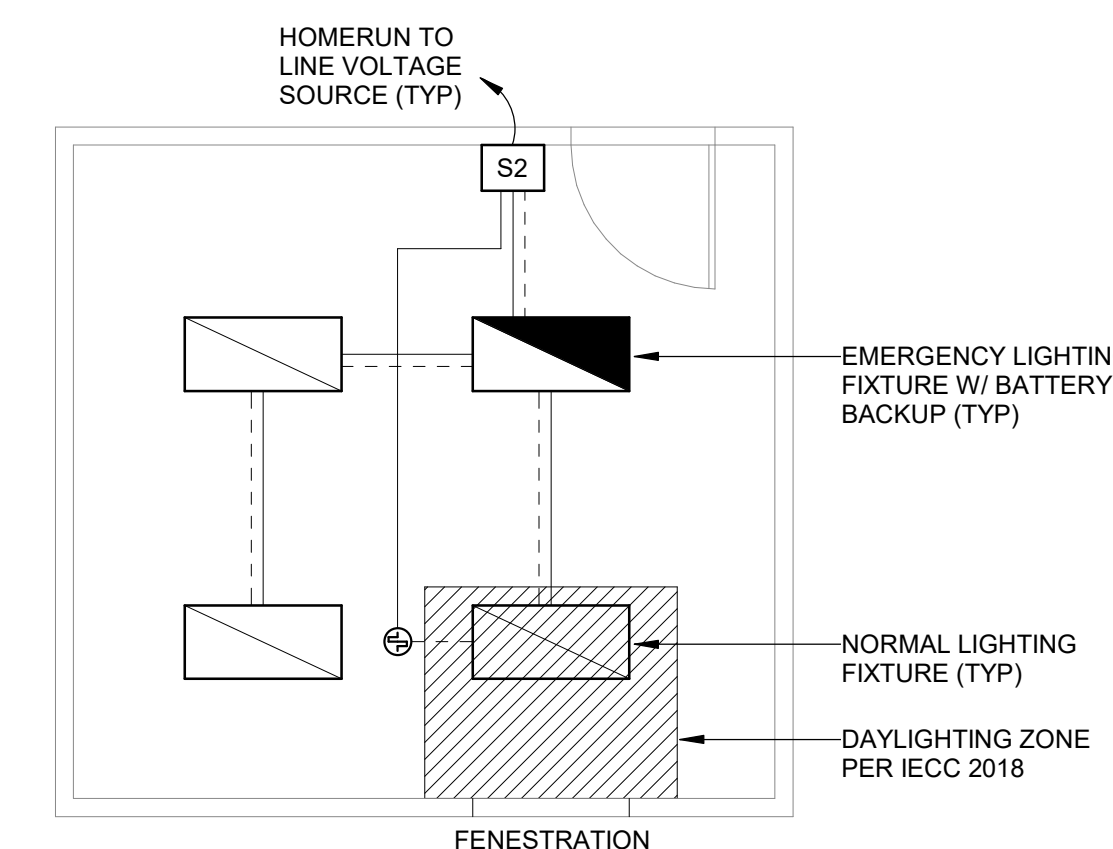
3 LIGHTING CONTROLS SEQUENCE OF OPERATIONS

SCALE: N.T.S.



1 RECESSED TROFFER MOUNTING DETAIL 1

SCALE: N.T.S.



NOTES:

- CONTROLS CABLING AS REQUIRED. COORDINATE CONTROLS CABLING REQUIREMENTS WITH CONTROLS MANUFACTURER.

2 TYPICAL LIGHTING CONTROLS RISER DIAGRAMS

SCALE: N.T.S.

LIGHTING FIXTURE SCHEDULES & DETAILS

e602

SPARKS PD DISPATCH REMODEL
 City of Sparks

**1701 E PRATER WAY
 SPARKS NV 89434**

No.	Description	Date
1	PERMIT REVIEW COMMENTS	11/30/2020

CONSTRUCTION SET

192079009

1/27/2021 2:58:28 PM