			1		2
	ABB	REVIATIONS			SYMBOL LEGEND
	AB ACST ADDL ADJ	ANCHOR BOLT ACOUSTICAL ADDITIONAL ADJUSTABLE	MACH RM MAG MAS MATL	MACHINE ROOM MAGNET(IC) MASONRY MATERIAL	4 ————————————————————————————————————
E	AFF ALT APPROX APT ARCH BD	ABOVE FINISH FLOOR ALTERNATE APPROXIMATE APARTMENT ARCHITECT (URAL) BOARD	MAX MB MC MECH MEMB MEZZ	MAXIMUM MAILBOX MEDICINE CABINET MECHANICAL MEMBRANE MEZZANINE	X EXIST / ADJ BLDG COLUMN GRIDS
	BITUM BLDG BLKG BM BO BOT BR	BITUMINOUS BUILDING BLOCKING BEAM BOTTOM OF BOTTOM BEDROOM	MFD MF MIR MIRR MISC MO	MANUFACTURED MILL FINISH MANUFACTURE (R) MINIMUM, MINUTE MIRROR MISCELLANEOUS MASONRY OPENING	PLAN NORTH NORTH ARROW
	BSMT BUR C CAB CB	BASEMENT BUILT UP ROOFING CHANNEL CABINET CATCH BASIN	MO MR MTL MULL MULT NA	MOISTURE RESISTANT METAL MULLION MULTIPLE NOT APPLICABLE	A1 A-201 BUILDING ELEVATION DRAWING NUMBER SHEET NUMBER
	CF/OI CIP CL CLG	CONTRACTOR FURNISHED; OWNER INSTALLED CAST-IN-PLACE (CONCRETE) CENTERLINE CEILING	NIC NO NOM NTS OA	NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE OVERALL	A1 A2 INTERIOR ELEVATION DRAWING NUMBER SHEET NUMBER
	CLR CMU COM CO COL CONC	CLEAR CONCRETE MASONRY UNIT CUSTOMER OWN MATERIAL CLEAN OUT COLUMN CONCRETE	OC OD OF OF/CI OF/OI	ON CENTER OUTSIDE DIAMETER, DIMENSION OUTSIDE FACE OWNER FURNISHED; CONTRACTOR INSTALLED OWNER FURNISHED;	A1 A-30 A-301 A-3 A-3 A-3 A-3 A-3 A-3 A-3 A-3 A-3 A-3
	CONT CONTR COORD CORR CPT	CONTINUOUS CONTRACT (OR) COORDINATE CORRIDOR CARPET (ED)	OFF OH OPH OPNG	OWNER INSTALLED OFFICE OVERHANG OPPOSITE HAND OPENING	A1 A-310 A-3
	CSMT CT D DEMO DEPT DET	CASEMENT CERAMIC TILE DRYER, DEEP DEMOLISH, DEMOLITION DEPARTMENT DETAIL	OPP ORD OTS OVHD PAT PBD	OPPOSITE OVERFLOW ROOF DRAIN OPEN TO STRUCTURE OVERHEAD PATTERN PARTICLE BOARD	A1 A-501 +144.25' BPOT ELEVATION
D	DET DF DIA DIM DN DR	DETAIL DRINKING FOUNTAIN DIAMETER DIMENSION DOWN DINING ROOM, DOOR	PBD PBR PCP PED PERF PERIM	PARTICLE BOARD PRIMARY BEDROOM PORTLAND CEMENT PLASTER PEDESTAL PERFORATED PERIMETER	MATCH LINE SEE XX/X-XXX MATCHLINE DRAWING SHEET SHOWING ADJ CONDITION
	DS DW DWG DWH DWR	DOWNSPOUT DISHWASHER DRAWING DOMESTIC WATER HEATER DRAWER	PERM PERP PH PL PLAM	PERMANENT PERPENDICULAR PHASE PROPERTY LINE PLASTIC LAMINATE	DATUM / DIMENSION / CONTROL POINT
	E EA EIFS EL ELEC	EAST EACH EXTERIOR INSULATION AND FINISH SYSTEM ELEVATION ELECTRIC (AL)	PLWD PR PRCST PREFAB PRELIM PRKG	PLYWOOD PAIR PRECAST PREFABRICATED PRELIMINARY PARKING	EXISTING WALL EXISTING WALL EXISTING WALL WALL TO BE REMOVED ROOM NAME 00000 ROOM TAG
	elev Encl Eq Equip	ELEVATOR ENCLOSE (URE) EQUAL EQUIPMENT	PROJ PROP PT	PROJECT PROPERTY POST-TENSIONED, PRESSURE TREATED	101 DOOR TAG
	ESMT EST EW EXH EXIST	EASEMENT ESTIMATE (D) EACH WAY EXHAUST EXISTING	PTN PVG R RC RCP	PARTITION PAVING RADIUS, RISER REINFORCED CONCRETE REFLECTED CEILING PLAN	Ii WINDOW TAG A01 ASSEMBLY TAG (WALL, FLOOR, CEILING, ROOF)
	EXP EXT FAM FC FCTY FD	EXPANSION EXTERIOR FLUID APPLIED MEMBRANE FIBER CEMENT FACTORY FLOOR DRAIN	RD REC REF REINF REQD REQS	ROOF DRAIN, ROAD RECESSED REFER (ENCE), REFRIGERATOR REINFORCE (D), (ING) REQUIRED REQUIREMENTS	PT-1 FINISH TAG
с	FDN FE FF FFSAM	FOUNDATION FIRE EXTINGUISHER FINISH FLOOR FOIL-FACED SELF ADHERED	RESID RESIL REV RFG	RESIDENTIAL RESILIENT REVISION (S), REVISED ROOFING	L-XX LIGHTING FIXTURE TAG
	FIN FL FLR FOC	MEMBRANE FINISH (ED) FLASHING FLOOR FACE OF CONCRETE	RH RM RO ROW RT	ROOF HATCH, RIGHT HAND ROOM ROUGH OPENING RIGHT OF WAY RIGHT	Image: Contract of the second seco
	FOF FOM FOS FPL FRHR FRMG FRT	FACE OF FINISH FACE OF MASONRY FACE OF STUDS FIREPLACE FIRE RATED HIGH RESILIENT FRAMING FIRE RETARDANT TREATED	S SAM SBC SCHED SD SF SHT	SOUTH SELF ADHERED MEMBRANE SEATTLE BUILDING CODE SCHEDULE STORM DRAIN SQUARE FOOT (FEET) SHEET	FE-1 RECESSED FIRE EXTINGUISHER CABINET FE-2 BRACKET MOUNTED FIRE EXTINGUISHER
	FT FTG FURN FUT GA	FOOT, FEET FOOTING FURNITURE FUTURE GAGE	SHTHG SHV SIM SP SPEC	SHEATHING SHELVES (ING) SIMILAR STANDPIPE SPECIFICATION	S SMOKE DETECTOR
	GALV GAR GB GEN GL GLU LAM	GALVANIZED, GALVANIC GARAGE GRAB BAR, GYPSUM BOARD GENERAL GLASS GLUED LAMINATED WOOD	SPKLR SQ SQ IN SS SST ST	SPRINKLER SQUARE SQUARE INCH SANITARY SEWER, STANDING SEAM STAINLESS STEEL STAIRS, STREET	01-GENERAL INFORMATION G-001 COVER SHEET G-030 BUILDING CODE SUMMARY
	GOVT GYP GWB H HB HC	GOVERNMENT GYPSUM GYPSUM WALL BOARD HIGH HOSE BIBB HANDICAPP	STC STD STOR STRUCT SUSP SV	SOUND TRANSMISSION CLASS STANDARD STORAGE STRUCTURE (AL) SUSPEND(ED) SHEET VINYL	G-035 EGRESS AND OCCUPANCY DIAGRAMS 08-ARCHITECTURAL A-100 SITE PLAN A-110 OVERALL FLOOR PLAN - LEVEL 1
В	HDR HDW HDWD HLDN HM HO HORIZ	HEADER HARDWARE HARDWOOD HOLDDOWN HOLLOW METAL HOLD OPEN HORIZONTAL	SYS T T&G TB TEL TEMP TFF	SYSTEM TREAD TONGUE AND GROOVE TOWEL BAR TELEPHONE TEMPORARY TOP OF FINISH FLOOR	 A-111.1 ENLARGED FLOOR PLAN - LEVEL 1 - QUADRANT A A-111.2 ENLARGED FLOOR PLAN - LEVEL 1 - QUADRANT B A-140 RCP / LIGHTING PLAN - LEVEL 1 A-141.1 ENLARGED RCP / LIGHTING PLAN - LEVEL 1 - QUADRANT A A-141.2 ENLARGED RCP / LIGHTING PLAN - LEVEL 1 - QUADRANT B A-150 FINISH & FF&E PLAN - LEVEL 1
	HR HT HTR HVAC IBC	HOUR HEIGHT HEATER HEATING, VENTILATION, AND AIR CONDITIONING	THK THRU TOB TOC TOW	THICK (NESS) THROUGH TOP OF BEAM TOP OF CURB TOP OF WALL	 A-450 ENLARGED PLANS & INT ELEVATIONS - PUBLIC RESTROOMS A-451 ENLARGED PLANS & INT ELEVATIONS - PUBLIC RESTROOMS A-470 INTERIOR ELEVATIONS A-471 INTERIOR ELEVATIONS A-500 ACCESSIBILITY DETAILS A-550 INTERIOR DETAILS
	IBC ID IIC INCL INFO INSUL	INTERNATIONAL BUILDING CODE INSIDE DIAMETER IMPACT ISOLATION CLASS INCLUDING (ED) INFORMATION INSULATION	TV TYP UNFIN UON UTIL VCT	TELEVISION TYPICAL UNFINISH(ED) UNLESS OTHERWISE NOTED UTILITY VINYL COMPOSITION TILE	 A-551 INTERIOR DETAILS A-601 WALL, FLOOR, CEILING, ROOF AND SOFFIT ASSEMBLIES A-610 DOOR TYPES AND DOOR SCHEDULE A-625 WINDOW TYPES A-630 INTERIOR LEGENDS & SCHEDULES
	INGOL INT JAN KIT L	INTERIOR JANITOR KITCHEN LONG	VEH VERT VIF VIN	VEHICLE VERTICAL VERIFY IN FIELD VINYL	AD-110 OVERALL & RCP / LIGTHING DEMOLITION PLAN - LEVEL 1

LAM

LAU

LAV

LH

LOC

LR

LRG

LT

LTG

LB

LAMINATE(D)

LAUNDRY

LAVATORY

LEFT HAND

LOCATION

LIVING ROOM

POUND

LARGE

LIGHT

LIGHTING

LNDSCP LANDSCAPE

VRF

W/

W/D

W/O

WC

WD

WDW

WRB

WR

1

W

WITH

WITHOUT

WINDOW

VAPOR RETARDER FILM

WEST, WIDE, WASHER

WOOD, WOOD DOOR

WEATHER RESISTANT, WATER...

WEATHER RESISTIVE BARRIER

WASHER / DRYER

WATER CLOSET

2

MATERIAL LEGEND

	EARTH, UNDISTURBED
	EARTH, COMPACTED FILL
	SAND, GROUT
	POROUS FILL
	CONCRETE
a a a a a a b b b b b b b c b c b c b c b c b c b c	CEMENTITIOUS UNDERLAYMENT
	BRICK COMMON / FACE
	CONCRETE MASONRY UNITS
	ASHLAR STONE
	ALUMINUM
	STEEL, OTHER METALS
	PLYWOOD
	WOOD BLOCKING OR SHIM
	WOOD FRAMING, CONTINUOUS
	GLUED-LAMINATED WOOD
	ORIENTED STRAND BOARD
	PARTICLEBOARD
	FINISHED WOOD
	BATT INSULATION, SECTION
	BATT INSULATION, FACE
	RIGID INSULATION
	SEMI-RIGID INSULATION
	MINERAL WOOL INSULATION

ELMORE CO. PUBLIC SERVICES BLDG. 1

GENERAL NOTES

- 1. IT IS THE INTENT OF THE CONTRACT DOCUMENTS THAT ALL WORK COMPLY WITH THE INTERNATIONAL BUILDING CODE, IDAHO STATE BUILDING CODE, THE IDAHO STATE ENERGY CODE, AND OTHER APPLICABLE CODES, RULES, AND REGULATIONS OF JURISDICTIONS HAVING AUTHORITY.
- 2. PRIOR TO COMMENCEMENT OF ANY PORTION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES NOTED AMONG OR BETWEEN THE CONTRACT DOCUMENTS, OWNER-PROVIDED INFORMATION, SITE CONDITIONS, MANUFACTURER RECOMMENDATIONS, OR CODES, REGULATIONS, OR RULES OF JURISDICTIONS HAVING AUTHORITY.
- 3. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL GOVERNMENTAL PERMITS, FEES LICENSES, AND INSPECTIONS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK, EXCEPT FOR THE GENERAL BUILDING PERMIT.
- THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE BINDING AS IF REQUIRED BY ALL.
- 5. REPETITIVE FEATURES NOT INDICATED IN THE DRAWINGS EVERYWHERE THAT THEY OCCUR SHALL BE PROVIDED AS IF DRAWN IN FULL.
- 6. ALL DIMENSIONS ARE TO FACE OF FRAMING OR FACE OF CONCRETE, UNLESS OTHERWISE NOTED. CONTACT ARCHITECT FOR CLARIFICATIONS.
- 7. DO NOT SCALE THE DRAWINGS.
- 8. WHERE CONFLICTS ARISE BETWEEN DOCUMENTS OR AUTHORITY AND ANOTHER, CONTACT THE ARCHITECT FOR CLARIFICATIONS.
- 9. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES. CARE SHOULD BE TAKEN TO AVOID DAMAGE TO OR DISTURBANCE OF EXISTING UTILITIES.

E-001 E-100 E-101 E-102 E-104 E-200 E-201 E-202 E-300 E-301 E-501 E-501 E-701 E-702 E-801	ELECTRICAL ELECTRICAL LEGENDS AND ABBREVIATIONS LIGHTING DEMOLITION PLAN – CRAWL SPACE ELECTRICAL POWER DEMOLITION PLAN – LEVEL 1 LIGHTING DEMOLITION PLAN – LEVEL 1 ELECTRICAL DEMOLITION PLAN – ROOF ELECTRICAL PLAN – CRAWL SPACE ELECTRICAL PLAN – LEVEL 1 ELECTRICAL POWER PLAN – ROOF LIGHTING PLAN – CRAWL SPACE LIGHTING PLAN – CRAWL SPACE LIGHTING PLAN – LEVEL 1 ELECTRICAL ONE LINE ELECTRICAL ONE LINE ELECTRICAL DETAILS ELECTRICAL DETAILS ELECTRICAL COMPLIANCE FORMS
	MECHANICAL MECHANICAL LEGENDS AND ABBREVIATIONS MECHANICAL GENERAL NOTES MECHANICAL ENERGY CODE COMPLIANCE MECHANICAL SCHEDULES MECHANICAL VENTILATION CALCULATIONS MECHANICAL VENTILATION CALCULATIONS MECHANICAL DEMOLITION PLAN - LEVEL 1 MECHANICAL DEMOLITION PLAN - LEVEL 1 MECHANICAL DEMOLITION PLAN - ROOF MECHANICAL PLAN - LEVEL 1 MECHANICAL PLAN - LEVEL 1 MECHANICAL PLAN - LEVEL 1 MECHANICAL PLAN - LEVEL 1 MECHANICAL PLAN - ROOF MECHANICAL PLAN - ROOF
P-001 P-002 P-101 P-102 P-103 P-104 P-201 P-202 P-203 P-203 P-501 P-502 P-503 P-504	PLUMBING PLUMBING LEGENDS AND ABBREVIATIONS PLUMBING SCHEDULES PLUMBING SANITARY AND VENT DEMOLITION PLAN - LEVEL 1 PLUMBING HOT COLD WATER & NATURAL GAS DEMOLITION PLAN PLUMBING MEDICAL GAS DEMOLITION PLAN - LEVEL 1 PLUMBING DEMOLITION PLAN - ROOF PLUMBING SANITARY AND VENT PLAN - LEVEL 1 PLUMBING HOT COLD WATER & NATURAL GAS PLAN - LEVEL 1 PLUMBING PLAN - ROOF PLUMBING PLAN - ROOF PLUMBING DETAILS PLUMBING HOT & COLD WATER RISER DIAGRAM PLUMBING NATURAL GAS RISER DIAGRAM
S-201	STRUCTURAL STRUCTURAL PLAN - LEVEL 1
T-101 T-201 T-501	TECHNOLOGY TECHNOLOGY DEMOLITION PLAN – LEVEL 1 TECHNOLOGY PLAN – LEVEL 1 TECHNOLOGY RISER & DETAILS

PROJECT SITE





PROJECT DIRECTORY

OWNER: Elmore County Code Enforcement 520 East 2nd South Mountain Home, ID 83647 Telephone: 208.587.2142 Contact: James Roddin Email: jroddin@elmorecounty.org

Phone: 208.587.2142 EXT 1290 ARCHITECT: GGLO 113 S 5th Street Suite 200 Boise, ID 83702 Telephone: 208.953.7227 Contact: George Valdez Email: gvaldez@gglo.com Phone: 310.319.0753 MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY, STRUCTURAL: WSP USA Buildings, Inc 1444 Entertainment Avenue, Suite 300 Boise, ID 83709 Telephone: 208.563.9122 Contact: Richard Servoss Email: Richard.Servoss@wsp.com

Phone: 208.918.2896

PROJECT INFORMATION

SITE ADDRESS:	2280 AMERICAN LEGION BOULEVARD MOUNTAIN HOME, ID 83647
PARCEL NUMBER(S):	RPA3S07E304060
APPLICABLE ZONING CODE: BASE ZONE: PROPOSED ZONE:	CITY CODE OF MOUNTAIN HOME IDAHO, TITLE 9 LAND USE AND DEVELOPMENT C3 GENERAL BUSINESS N/A
OVERLAY ZONES: ADJACENT ZONES:	N/A R4
LOT SIZE:	2.679 ACRES= 116,697 S.F.
STREET FRONTAGE:	257.5' ALONG AMERICAN LEGION BLVD.
PROJECT DESCRIPTION:	INTERIOR RENOVATION OF EXISTING 10,755 S.F. SINGLE S OFFICE BUILDING.
LEGAL DESCRIPTION:	Tax 54 Tax 5 Less Tax 56, Sec 30, T3s R7e

DEFERRED PERMIT SUBMITTALS

ITEMS THAT ARE RELATED TO THIS BUILDING, BUT REQUIRE STANDALONE PERMITS.

AUTOMATIC FIRE SPRINKLER SYSTEM COMPLYING WITH NFPA 13
 FIRE ALARM AND EMERGENCY COMMUNICATION SYSTEM



	1	2
	BUILDING CODE SUMMARY - ELMORE CO.PUBLIC SERVICES	CHAPTER 6 TYPES OF
	CODE: 2018 INTERNATIONAL BUILDING 2018 INTERNATIONAL EXISTING BUILDIN 2018 INTERNATIONAL 2012 INTERNATIONAL	SECTION 602: CONSTRUCTION CLASSIFICATION BUILDING: VB
	2015 IDAHO PLUMBING 2017 NATIONAL	TABLE 601: FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILD BUILDING ELEMENT FOR
	2012 FUEL AND GAS AMENDMENTS: AS ADOPTED AND AMENDED BY THE STATE OF IDAHO AND THE CITY OF	STRUCT FRAME:0 HRBEARING WALLS EXT:0 HR
E		BEARING WALLS INT: 0 HR NON-BEAR WALLS EXT: 0 HR
	CHAPTER 3	NON-BEAR WALLS INT: 0 HR FLOORS: 0 HR
	USE AND OCCUPANCY 302: OCCUPANCY	ROOF: 0 HR
	LOBBY: B	
	OFFICE: B CONFERENCE / LECTURE A3	CHAPTER 8 INTERIOR
	MAINTENANCE /S-2 ACCESSORYSTORAGES-2 ACCESSORY	SECTION 803 WALL AND CEILING
	RESTROOM B	803.1.1 INTERIOR WALL AND CEILING FINISH INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIF
	303.1.2 SMALL ASSEMBLY Room or space used for assembley purposes with an occupant load of less than 50 persons and accessory to another occupancy shal be	THE FOLLOWING CLASSES:
	as part of the Group B Room or space used for assembley purposes with an occupant load of less than 750 square feet in area and accessory to another as part of the Group B	CLASSFLAME SPREAD INDEXSMOKE-DEVELOPED INDEXA0-250-450
	CHAPTER 5	B 26-75 0-450 C 76-200 0-450
	GENERAL BUILDING HEIGHTS AND AREAS	CHAPTER 9
	SECTION 503: GENERAL BUILDING HEIGHT AND AREA LIMITATIONS	FIRE PROTECTION
D	SPRINKLER TYPE PROPOSED: NFPA 13 - 903.3.1.1 THROUGHOUT	SECTION 906 PORTABLE FIRE
	SECTION 504: BUILDING HEIGHT AND NUMBER OF STORIES	PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN THE FOLL 1 GROUP B OCCUPANCIES
	HEIGHT AND AREA LIMITATIONS - TABLES 504.3, 504.4 AND 506.2 PODIUM BUILDING (INCLUDES CODE EXISTING SHEET	906.3.1 FIRE EXTINGUISHERS FOR CLASS A FIRE TABLE 906.3(1) MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER = 7
	EXISTING CONSTRUCTION TYPE: IB IB EXISITING / PROPOSED USE / OCCUPANCYB B	906.9.1 EXTINGUISHERS WEIGHING 40 LBS O SHALL BE INSTALLED SO THAT THEIR TOPS ARE NOT MORE THAN 5 906.9.3 FLOOR CLEARANCE
	ALLOWABLE AREA FACTOR WITH 36,00 S.F. 11,047 S.F.	THE CLEARANCE BETWEEN THE FLOOR AND THE BOTTOM OF HAND
	HEIGHT WITH SPRINKLER INCREASE 60' N/A MAXIMUM STORIES WITH SPRINKLER 3 Story 1- Story	CHAPTER 10
		MEANS OF EGRESS REFER TO SHEET
		SECTION 1003 GENERAL MEANS OF
		1003.2 CEILING HEIGHT: MINIMUM 7'-6" IN MEANS OF EXC 1: PER 1208.2 OCCUPIABLE + HABITABLE (MIN. 7'-6"), BATHROC
		EXC 2: PER 1003.3 ALLOWABLE PROJECTION (MI EXC 4: PER 1010.1.1 DOOR HEIGHT (MIN
		SECTION 1004 OCCUPANT REFER TO SHEET G-035 FOR EXITING DIAGRAMS FOR OCCUPANT I
		SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS
		1006.2.1 EGRESS BASED ON OCCUPANT LOAD AND COMMON PATH
С		TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALU
		TABLE 1006.2.1 SPACES W/ ONE EXIT OR EXIT ACCESSOCCUPANCYMAX OCC. LOADMAX COMMON PATH OF ECDISTANCEMAX COMMON PATH OF EC
		DISTANCE (WITH SPRINKLB9100'
		1006.3 EGRESS FROM STORIES OR OCCUPIED ROOFS HORIZONTAL EXITS SHALL NOT COUNT TOWARD THE REQUIRED N TRAVEL TO AN EXIT SHALL NOT PASS THROGH MORE THAN ONE A
		TABLE 1006.3.1 MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS
		OCCUPANT LOAD PER STORY MINIMUM NUMBER OF EXIS EXITS FROM STORY
		1-500 2 SECTION 1007 EXIT AND EXIT ACCESS DOORWAY
		1007.1.1 TWO EXITS OR EXIT ACCESS
		WHERE TWO EXITS, EXIT ACCESS DOORWAYS, EXIT ACCESS STAIR APART EQUAL TO NOT LESS THAN 1/2 OF THE LENGTH OF THE MAX BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN THEM.
		EXCEPTIONS: 2. WHERE A BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOM SEPARATION DISTANCE SHALL BE NOT LESS THAN 1/3 OF THE LENG
		SECTION 1009 ACCESSIBLE MEANS OF
		1009.1 ACCESSIBLE MEANS OF EGRESS REQUIRED
В		WHERE MORE THAN ONE MEANS OF EGRESS ARE REQUIRED BY SE ACCESSIBLE PORTION OF THE SPACE SHALL BE SERVED BY NOT LE
		SECTION 1016 EXIT ACCESS
		1016.2 EGRESS THROUGH INTERVENIN 2. EGRESS ALLOWED THROUGH ADJOINING OR INTERVENING ROOM
		3. INTERVENING ROOM CAN NOT BE LOCKED TO PREVENT
		TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE OCCUPANCY WITH SPRINKLER SYSTEM B 300'
A		
- 1		
M		
4 2:44:51 PI		

		3

OR BUILDING...

E CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723 AND GROUPED IN

THE FOLLOWING LOCATIONS.

SHER = 75 FT

E THAN 5 FT ABOVE THE FLOOR

OF HAND-HELD PORTABLE FIRE EXTINGUISHERS SHALL NOT BE LESS THAN 4...

BATHROOM, KITCHEN, STORAGE,...

CUPANT LOADS, EXITING PATHS AND ADDITIONAL...

ON PATH OF EGRESS TRAV... E SHALL BE PROVIDED WHERE THE DESIGN OCCUPANT LOAD OR THE HE VALUES LISTED IN TABLE 1006.2.1.

TH OF EGRESS TRAVEL SPRINKLERS)

UIRED NUMBER OF EXITS FROM THE STORY OR ROOF. THE PATH OF EGRESS N ONE ADJACENT STORY.

O EXITS... R OF EXIST OR ACCESS TO

SS STAIRWAYS OR RAMPS ARE REQUIRED THEY SHALL BE PLACED A DISTANCE THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO

NAUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE W/ SEC 903.3.1.1, THE THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE ARE...

ED BY SECTION 1006.2 OR 1006.3 FROM ANY ACCESSIBLE SPACE, EACH BY NOT LESS THAN TWO ACCESSIBLE MEANS OF EGRESS.

NG ROOM WHERE ADJOINING ROOM AND AREA SERVED ARE ACCESSORY TO...

3

CHAPTER 29 PLUMBING SYSTEMS TABLE 2902.1 - MINIMUM PLUMBING FIXTURES PLUMBING CALCULATIONS (TABLE 2902.1) GROSS OCC AREA LOAD FACTOR DIV WC MALE **B OCCUPANCY=** FLOOR PER OCC 100 1 PER 25 FIRST 50 1 PER 50 EXCEEDING 50 174 AREA 11,047 **TOTAL OCCUPANTS** 174 2 FEMALE = 87 MALE = 87 3 PROPOSED: 3

4

2902.5 DRINKING FOUNTAIN LOCATION DRINKING FOUNTAINS SHALL BE LOCATED ON AN ACCESSIBLE ROUTE.

Zone:	C3 General Busir	ness
Land Use Permitted:		fice /Government Offic
Dimensional Standards	Required	Actual
Lot Area Minimum:	5000 s.f.	116,697 s.f.
Street Frontage Minimum:	N/A	N/A
Yard Setbacks Minimium		
Front:	20'	77'
Rear (no alley):	16'	293'-11"
Interior Side:	5'	26'-7" (E) 52'-6" (W
Street Side:	N/A	Ň/A
Maximium Building Height:	45'	29'
Parking		
Required Number of Spaces Services Use= 300/s.f. floor area	36 a	42+6 H.C.= 48

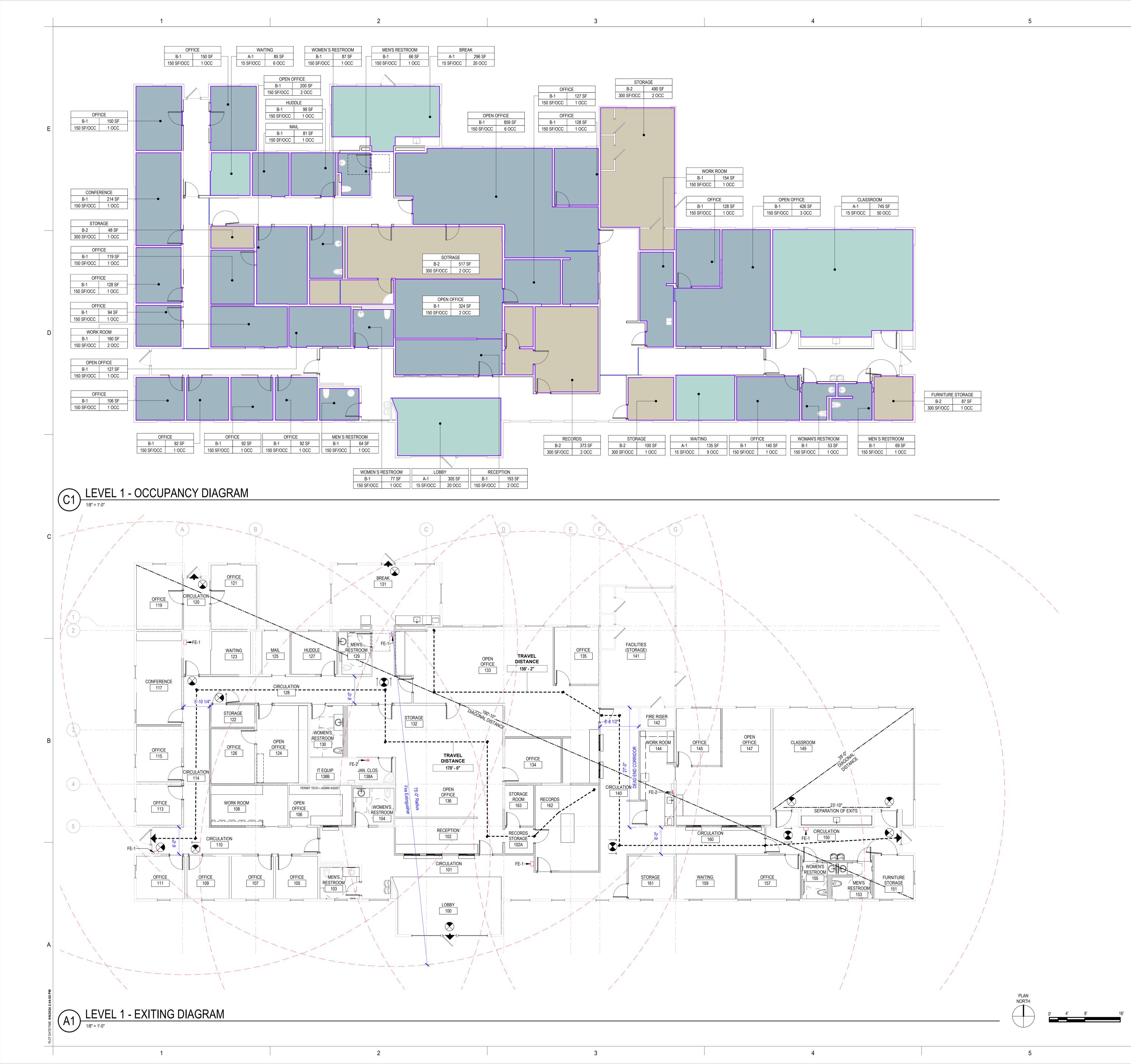
4

		5		
				·
WC FEMALE	LAV MALE	LAV FEMALE		
1 PER 25 FIRST 50	1 PER 40 FIRST 80	1 PER 40 FIRST 80		
50 1 PER 50 EXCEEDING	501 PER 80 EXCEEDIN	IG 801 PER 80 EXCEEDING	3 80	
3	3	3		
3	3	3		
3	3	3		

5

6

GGLO SEATTLE | LOS ANGELES | BOISE gglo.com PROJECT: Elmore Co Admin Bldg -Tenant Improvement PROJECT ADDRESS: ELMORE COUNTY PUBLIC SERVICES BUILDING 1 OWNER: SHELLEY ESSL, COUNTY CLERK ELMORE COUNTY 150 SOUTH 4TH EAST, SUITE 3 MOUNTAIN HOME, IDAHO 83647 ARCHITECT **L**AR-986352 $\lambda \sim \lambda$ tom hat **BENJAMIN WHITE** STATE OF IDAHO -----_____ _____ _____ _____ _____ -----_____ _____ _____ _____ _____ MARK DATE DESCRIPTION REVISIONS _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ A 09/06/2024 PERMIT/BID SET MARK DATE DESCRIPTION ISSUE INFORMATION 2024017.01 PROJECT NO .: GGLO PRINCIPAL IN CHARGE: Ben White GGLO PROJECT MANAGER: Ann Wozniak OWNER APPROVAL: 4 5 SHEET TITLE **BUILDING CODE** SUMMARY ဟ <u>0</u> SHEET NO. G-030 С Ц COPYRIGHT GGLO. ALL RIGHTS RESERVED. ORIGINAL SHEET SIZE IS 30"x42" ٩



EXITING DIAGRAM NOTES

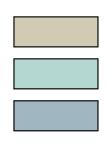
1. COMMON PATH OF EGRESS TRAVEL DISTANCE (CPTD): PER IBC CH 2 DEFINITION: THAT PORTION OF THE EXIT ACCESS TRAVEL DISTANCE MEASURED FROM THE MOST REMOTE POINT WHERE THE OCCUPANTS HAVE SEPARATE AND DISTINCT ACCESS TO TWO EXITS OR EXIT ACCESS DOORWAYS. PER IBC TABLE 1006.2.1: (WITH SPRINKLER)

B = 300'

2. OCCUPANT LOAD FACTORS ARE SHOWN PER IBC TABLE 1004.1.2 BELOW.

TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT			
FUNCTION OF SPACE	OCCUPANT LOAD FAC		
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS		
ASSEMBLY WITHOUT FIXED SEATS UNCONCENTRATED (TABLES AND CHAIRS)	15 NET		
BUSINESS AREAS	150 GROSS		

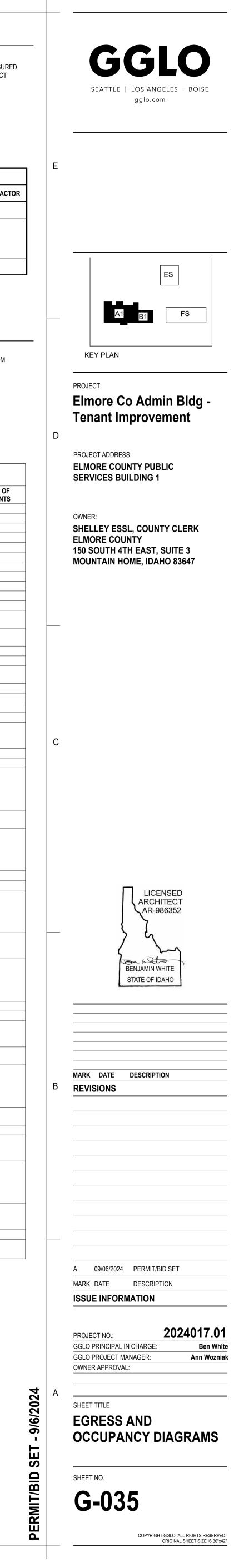
OCCUPANCY LOAD LEGEND

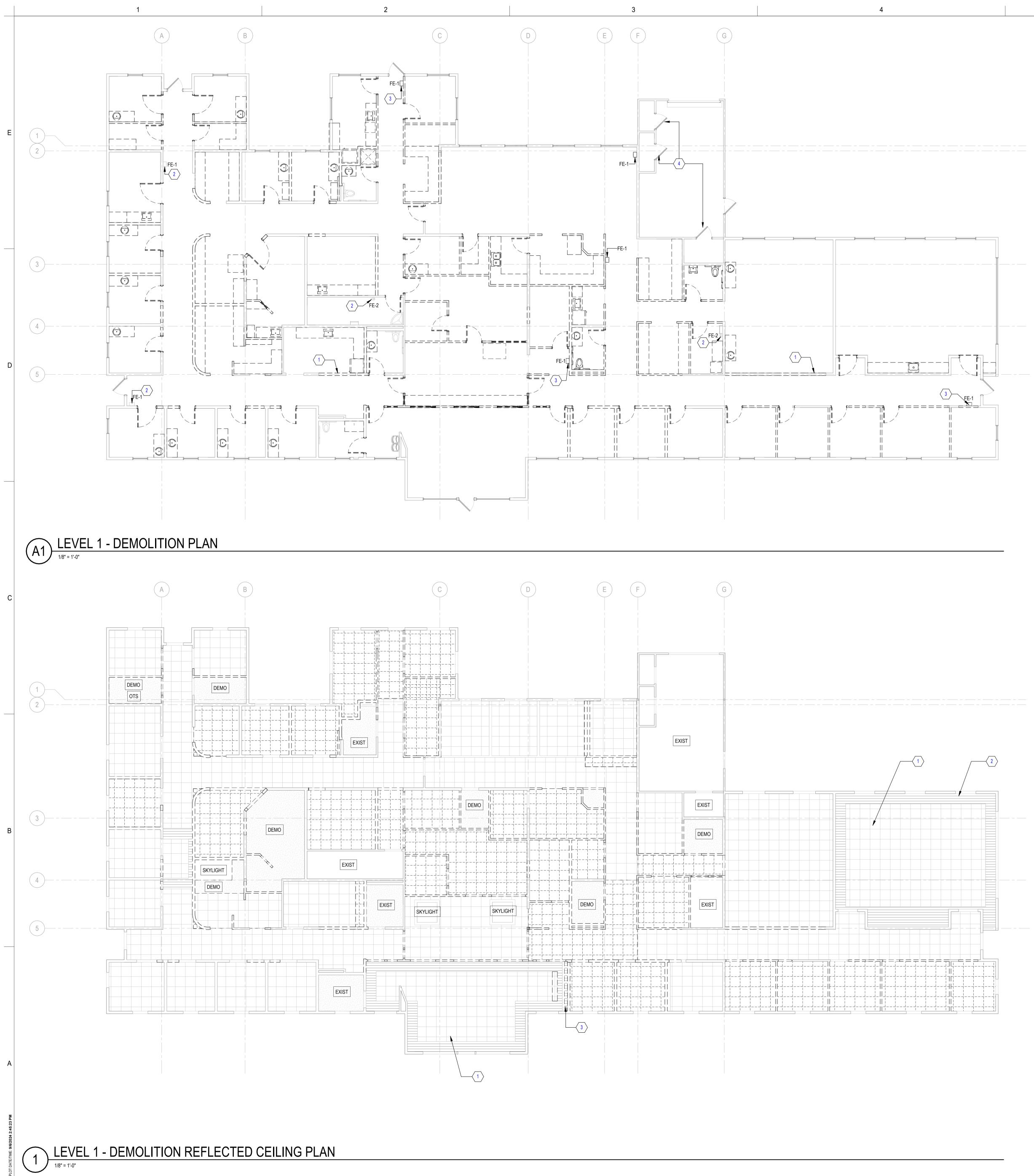


ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM ASSEMBLY WITHOUT FIXED SEATS, UNCONCENTRATED

BUSINESS AREAS

NAME LEVEL 1 OFFICE CONFERENCE	NUMBER		OCCUPANCY	OCCUPANT	
OFFICE	NUMBER	AREA	CLASSIFICATION	LOAD	NUMBER O OCCUPANT
	119	150 SF	BUSINESS AREAS	150	1
	117	214 SF	BUSINESS AREAS	150	1
	115				-
OFFICE	113	128 SF 94 SF	BUSINESS AREAS BUSINESS AREAS	150 150	1
OFFICE	111		BUSINESS AREAS		1
		106 SF		150	-
OFFICE	109	92 SF	BUSINESS AREAS BUSINESS AREAS	150	1
OFFICE	107	92 SF		150	1
OFFICE	105	92 SF	BUSINESS AREAS	150	1
WORK ROOM	108	160 SF	BUSINESS AREAS	150	2
OPEN OFFICE	106	127 SF	BUSINESS AREAS	150	1
WOMEN'S RESTROOM	104	77 SF	BUSINESS AREAS	150	1
MEN'S	103	64 SF	BUSINESS AREAS	150	1
RESTROOM	126	119 SF	BUSINESS AREAS	150	
	-				1
OPEN OFFICE	124	200 SF	BUSINESS AREAS	150	2
WOMEN'S RESTROOM	130	87 SF	BUSINESS AREAS	150	1
OPEN OFFICE	136	324 SF	BUSINESS AREAS	150	2
RECEPTION	102	193 SF	BUSINESS AREAS	150	2
OFFICE	134	127 SF	BUSINESS AREAS	150	1
OFFICE	121	150 SF	BUSINESS AREAS	150	1
WAITING	123	85 SF	ASSEMBLY	15	6
			WITHOUT FIXED SEATING		
MAIL	125	81 SF	BUSINESS AREAS	150	1
HUDDLE	127	99 SF	BUSINESS AREAS	150	1
STORAGE	122	48 SF	ACCESSORY	300	1
OTOTAL		40 01	STORAGE AREAS, MECHANICAL EQUIPMENT ROOMS		
MEN'S RESTROOM	129	66 SF	BUSINESS AREAS	150	1
SOTRAGE	138	517 SF	ACCESSORY	300	2
oo muloe			STORAGE AREAS, MECHANICAL EQUIPMENT ROOMS		-
OFFICE	135	128 SF	BUSINESS AREAS	150	1
OPEN OFFICE	133	859 SF	BUSINESS AREAS	150	6
RECORDS	162	373 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOMS	300	2
LOBBY	100	305 SF	ASSEMBLY WITHOUT FIXED SEATING	15	20
STORAGE	141	490 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT	300	2
OFFICE	145	128 SF	ROOMS BUSINESS AREAS	150	1
OPEN OFFICE	147	426 SF	BUSINESS AREAS	150	3
CLASSROOM	149	745 SF	ASSEMBLY WITHOUT FIXED	15	50
MEN'S	153	69 SF	SEATING BUSINESS AREAS	150	1
RESTROOM					
FURNITURE STORAGE	151	87 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOMS	300	1
WOMAN'S RESTROOM	155	53 SF	BUSINESS AREAS	150	1
OFFICE	157	140 SF	BUSINESS AREAS	150	1
WAITING	159	135 SF	ASSEMBLY	150	9
WAITING	159	100 05	WITHOUT FIXED	15	9
STORAGE	161	100 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOMS	300	1
BREAK	131	296 SF	ASSEMBLY WITHOUT FIXED SEATING	15	20
WORK ROOM	144	154 SF	BUSINESS AREAS	150	1
Grand total		7,980 SF 7,980 SF			155 155





2

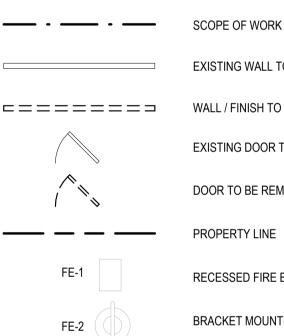
GENERAL NOTES - DEMOLITION

- 1. VERIFICATION OF EXISTING CONDITIONS: IN THE REMODELING OF AN EXISTING BUILDING CERTAIN ASSUMPTIONS HAVE BEEN MADE REGARDING EXISTING CONDITIONS. NOTIFY THE ARCHITECT IMMEDIATELY FOR GUIDANCE ON HOW TO PROCEED WHEN CONDITIONS ARE DISCOVERED DURING CONSTRUCTION WHICH DIFFER FROM THOSE INDICATED ON THE DRAWINGS. 2. WHEN ADJOINING FINISHES SURFACES DAMAGED DUE TO DEMOLITION WORK, PATCH EXISTING TO MATCH EXISTING ADJACENT FINISHED SURFACE. 3. AREAS OF SLAB DEMO SHOWN INDICATE GENERAL SCOPE AND ZONES OF WORK. CONTRACTOR TO EXAMINE CONSULTANTS WORK AND SITE CONDITIONS TO DETERMINE ACTUAL EXTENT OF DEMOLITION WORK. 4. CAP ALL UTILITIES AS NECESSARY, BUT DO NOT DISRUPT ANY SERVICES TO ADJACENT TENATS, TEMPORARY ROUTING OF SANITARY/STORM SEWER LINES, ELECTRICAL, WATER, TELEPHONE, GAS, ETC. TO BE IN PLACE BEFORE DEMO OF UTILITIES OCCUR. 5. EXISTING FIRE SUPPRESSION SYSTEMS IN ADJACENT TENANT-OCCUPIED SPACES NOT TO BE AFFECTED BY DEMO WORK. FIRE SUPPRESSION SYSTEMS TO REMAIN OPERABLE AT ALL TIMES VIA TEMPORARY PIPING. 6. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING WHERE REQUIRED FOR REMOVAL OR MODIFICATIONS OF ANY STRUCTURAL PORTIONS OF THE BUILDING. WILL REQUIRE A SUBMITTAL FOR REVIEW BY DESIGN TEAM. 7. WHERE WALLS OR PARTITIONS ARE TO BE REMOVED, REMOVE OR RELOCATE ALL EXISTING ELECTRICAL WIRING, DATA CABLING, TELEPHONE LINES, ETC LOCATED WITHIN DEMOLISHED PORTIONS. 8. UON REMOVE ALL EXISTING FLOOR OUTLETS AND ASSOCIATED WIRING, CABLING AND CONDUIT. REPAIR FLOOR TO BE FLUSH AND CONTINUOUS WITH ADJACENT FLOOR SURFACE IN ORDER TO RECEIVE NEW FLOOR FINISH.
- 9. REMOVE AND DISCARD ALL WALL-MOUNTED TACKBOARDS/WHITEBOARDS, FABRIC-WRAPPED PANELS, INTERIOR BUILDING SIGNAGE AND WALL MOUNTED ARTWORK WITHIN SCOPE OF WORK.
- 10. CONTRACTOR TO REMOVE ALL EXISTING WALL/CEILING ACCESSORIES, INCLUDING, BUT NOT LIMITED TO, BROCHURE HOLDERS, HAND SANITIZERS, BULLETIN BOARDS, ABANDONED WALL ANCHORS, MIRRORS, ETC., UON; PATCH AND PAINT TO MATCH NEW FINISHES.
- 11. ALL INTERIOR DOORS AND FRAMES TO BE REPLACED WITH NEW, UON; SEE DOOR SCHEDULE.
- 12. PROTECT/SALVAGE INTERIOR CLG TRIM AND CHAIR RAILS AND REUSE WHERE POSSIBLE, SEE FINISH PLAN FOR LOCATIONS.
- 13. ALL REFRIGERATORS, MICROWAVES, TV'S, AND FURNITURE SHOULD BE SALVAGED AND PROTECTED FOR OWNER'S REUSE.
- 14. REMOVE ALL WALLCOVERING WHERE WALLS TO REMAIN; PATCH/PAINT TO RECEIVE NEW FINISHES.
- 15. SALVAGE AND PROTECT ALL DECORATIVE (MOUNTAIN SCENE) INTERIOR WINDOW PANELS FOR REUSE IN THE BUILDING: RE-HANG FROM CEILING BETWEEN ROOMS 102 AND 136 AND AS DIRECTED BY OWNER.

KEY NOTES - DEMOLITION PLAN

- 1. REMOVE GYP BD INSIDE ROOM FOR INSTALLATION OF BULLET PROOF PANEL.
- 2. RETAIN EXISTING FIRE EXTINGUISHER.
- 3. RELOCATE EXISTING FIRE EXTINGUISHER, SEE PLAN FOR LOCATION.
- 4. EXISTING DOOR TO REMAIN.

DEMOLITION PLAN LEGEND



EXISTING WALL TO REMAIN □ □ □ □ □ □ □ □ □ □ WALL / FINISH TO BE REMOVED EXISTING DOOR TO REMAIN DOOR TO BE REMOVED

PROPERTY LINE

RECESSED FIRE EXTINGUISHER CABINET

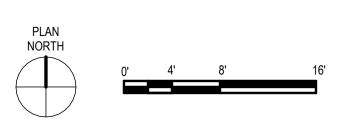
BRACKET MOUNTED FIRE EXTINGUISHER

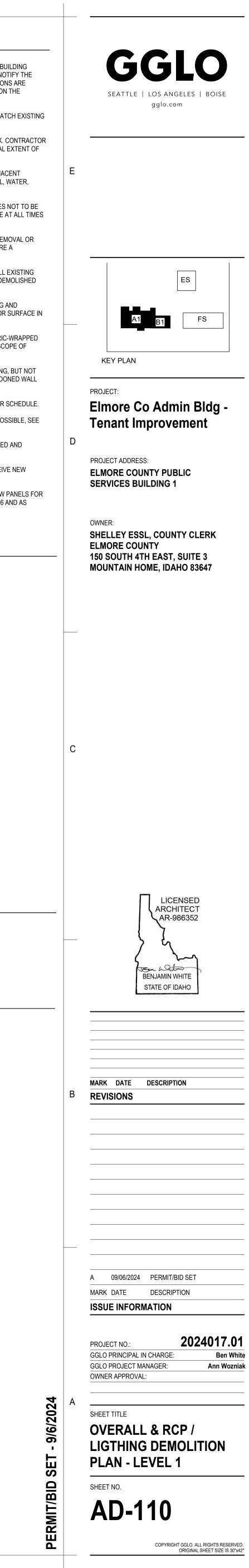
KEY NOTES - RCP DEMOLITION

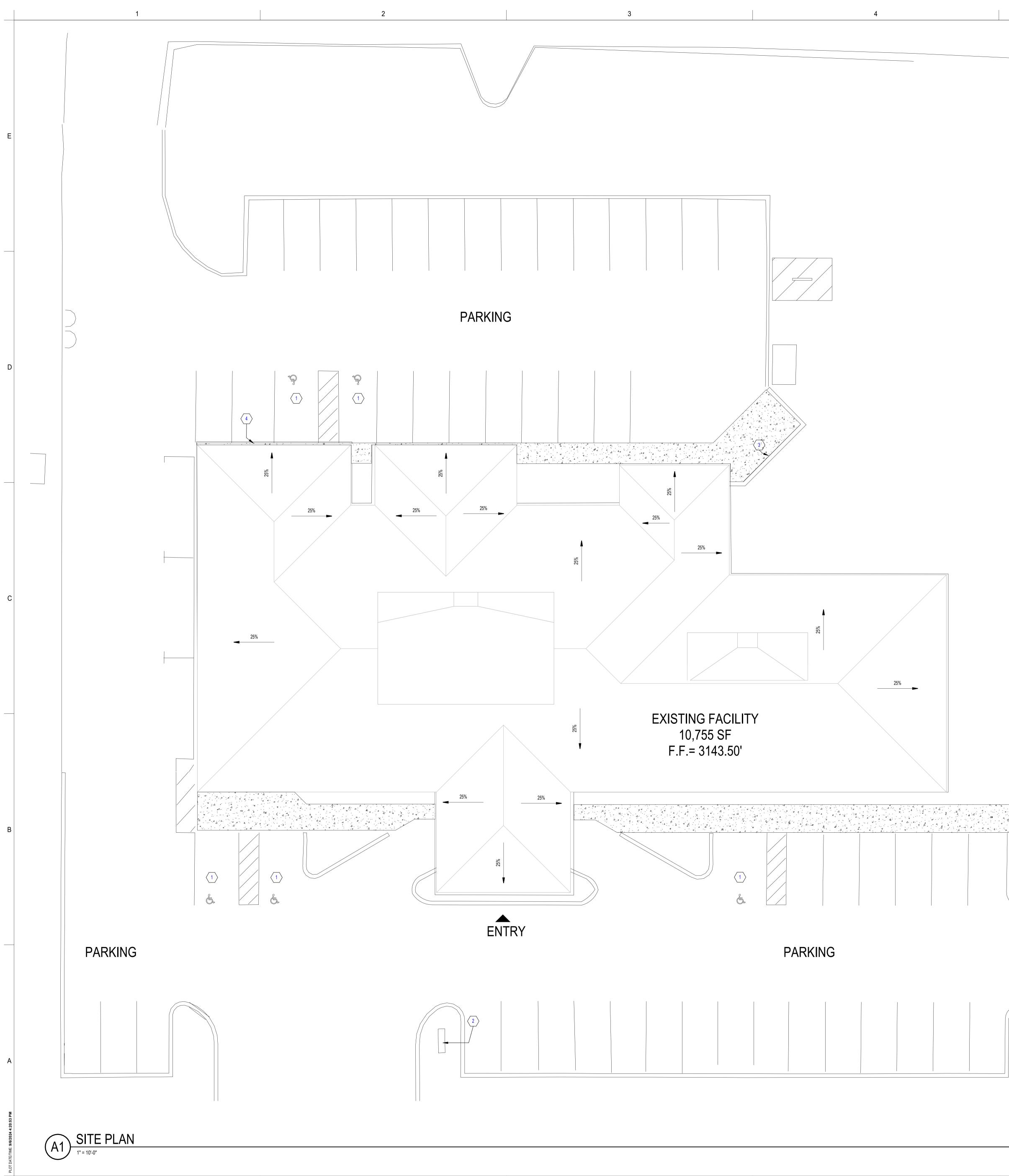
- 1. CEILING TILE TO BE REPLACED, EXISTING GRID TO REMAIN.
- 2. RETAIN AND PROTECT EXISTING WOOD SOFFIT, THIS ROOM.
- 3. RELOCATE THIS PORTION OF WOOD CEILING SOFFIT TO ALIGN WITH NEW WALL.

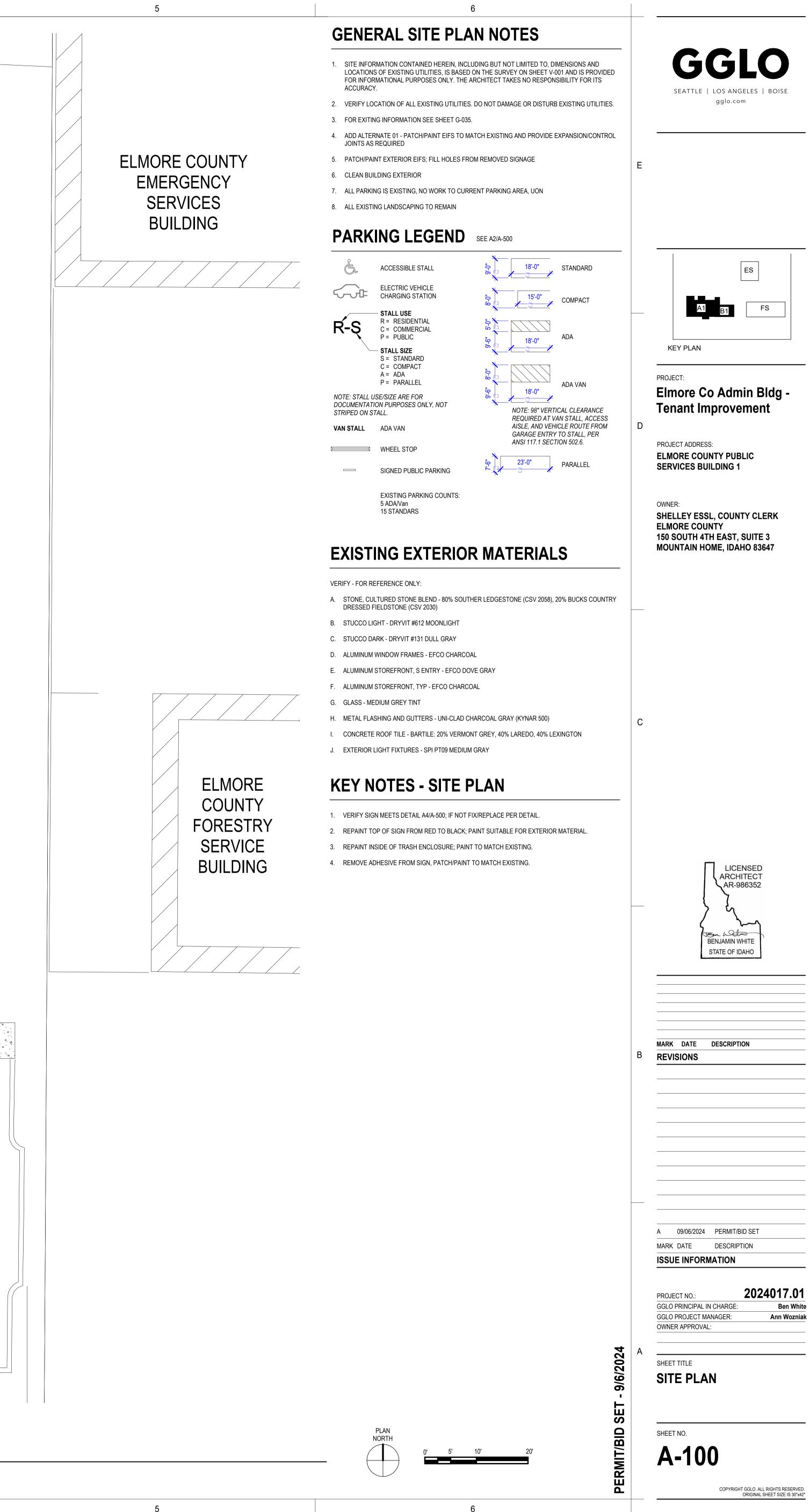
DEMOLITION RCP LEGEND

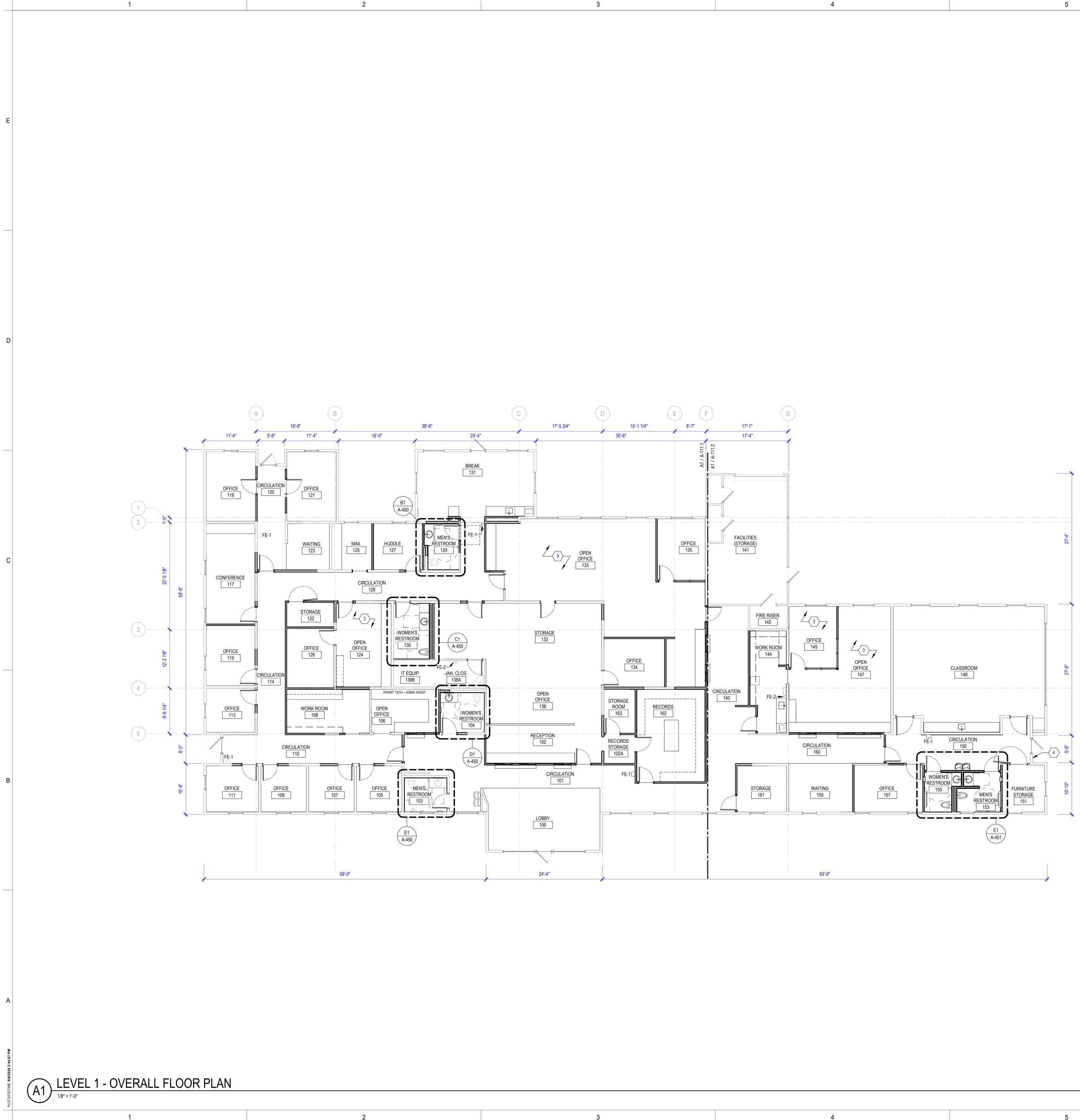
	SUSPENDED LINEAR LIGHTING
0	DOWNLIGHT
$\mathbf{\hat{\mathbf{A}}}$	EXIT SIGN
	EXISTNG WOOD CEILING
	EXISTING GYP CEILING
	EXISTING 2x2 ACT GRID CEILING











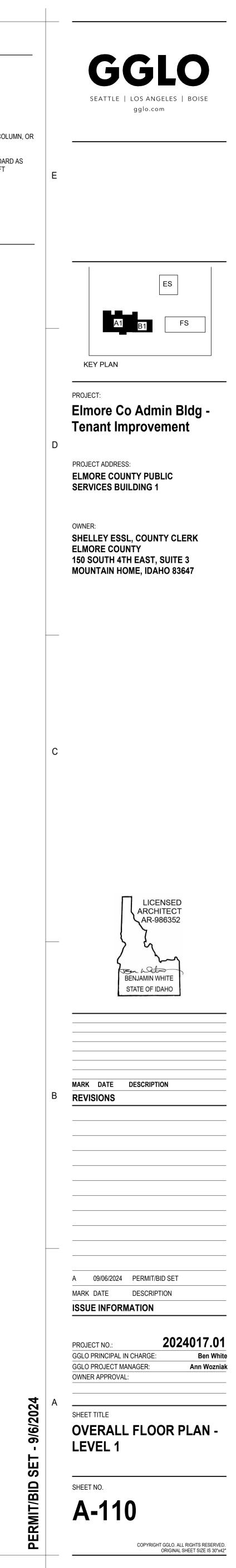
GENERAL FLOOR PLAN NOTES

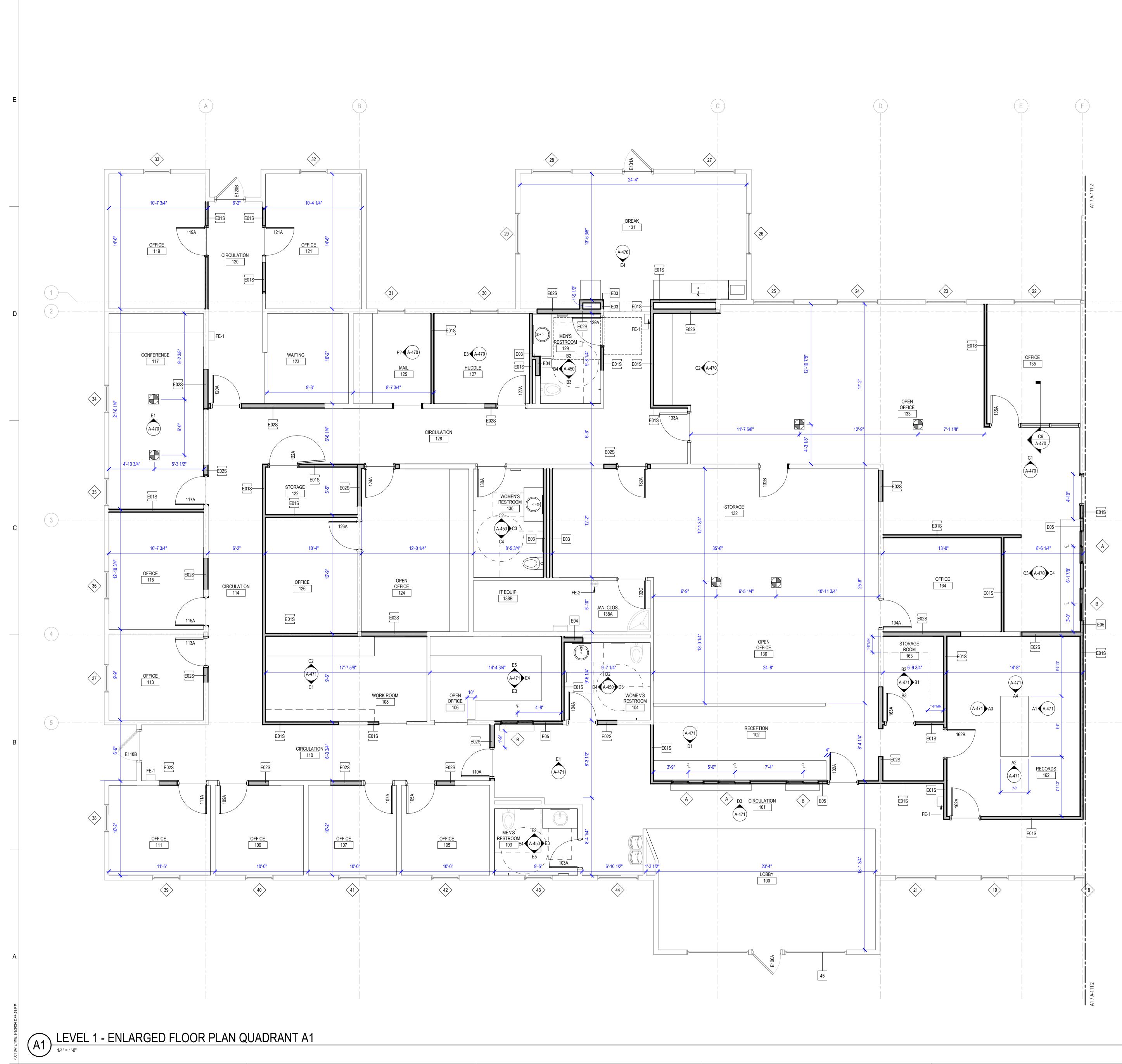
- 1. DO NOT SCALE DRAWINGS.
- 2. SEE SHEET G-001 FOR SYMBOLS LEGEND.
- 3. SEE SHEET A-610 FOR DOOR SCHEDULE AND DETAILS.
- 4. SEE SHEET A-601 FOR WALL ASSEMBLIES, RATINGS AND TESTING CRITERIA.
- 5. PLAN DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE WALL, CENTERLINE OF COLUMN, OR CENTERLINE OF ROUGH OPENING, UON. CONTACT ARCHITECT FOR CLARIFICATIONS.
- 6. CONTRACTOR SHALL INSTALL FURRING, SHIMS AND ADDITIONAL LAYERS OF GYPSUM BOARD AS NECESSARY TO ACHIEVE FLUSH FINISH WHERE SURFACES OF ADJACENT WALL OR SHAFT ASSEMBLIES ARE NOT, BUT ARE INTENDED TO BE, ALIGNED.
- 7. ALL WALLS ARE TO EXTEND TO THE UNDERSIDE OF EXISTING STRUCTURE UON.

KEY NOTES - OVERALL PLAN

- 1. PATCH FLOOR AS REQUIRED TO RECEIVE NEW FINISH.
- 2. FIX MORTAR AT EXTERIOR DOOR.

PLAN NORTH 0' 4' 8'





1

2

GENERAL FLOOR PLAN NOTES

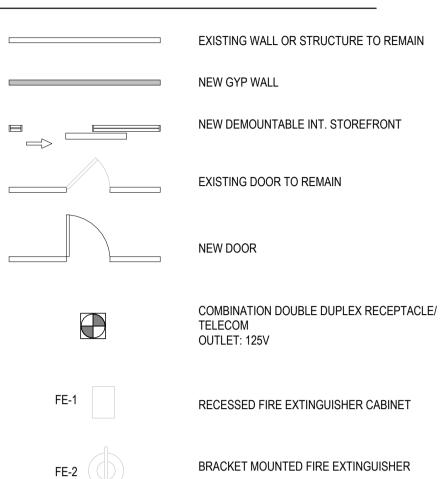
- 1. DO NOT SCALE DRAWINGS.
- 2. SEE SHEET G-001 FOR SYMBOLS LEGEND.
- 3. SEE SHEET A-610 FOR DOOR SCHEDULE AND DETAILS.
- 4. SEE SHEET A-601 FOR WALL ASSEMBLIES, RATINGS AND TESTING CRITERIA.
- 5. PLAN DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE WALL, CENTERLINE OF COLUMN, OR CENTERLINE OF ROUGH OPENING, UON. CONTACT ARCHITECT FOR CLARIFICATIONS.
- CONTRACTOR SHALL INSTALL FURRING, SHIMS AND ADDITIONAL LAYERS OF GYPSUM BOARD AS NECESSARY TO ACHIEVE FLUSH FINISH WHERE SURFACES OF ADJACENT WALL OR SHAFT ASSEMBLIES ARE NOT, BUT ARE INTENDED TO BE, ALIGNED.
- ALL WALLS ARE TO EXTEND TO THE UNDERSIDE OF EXISTING STRUCTURE UON.

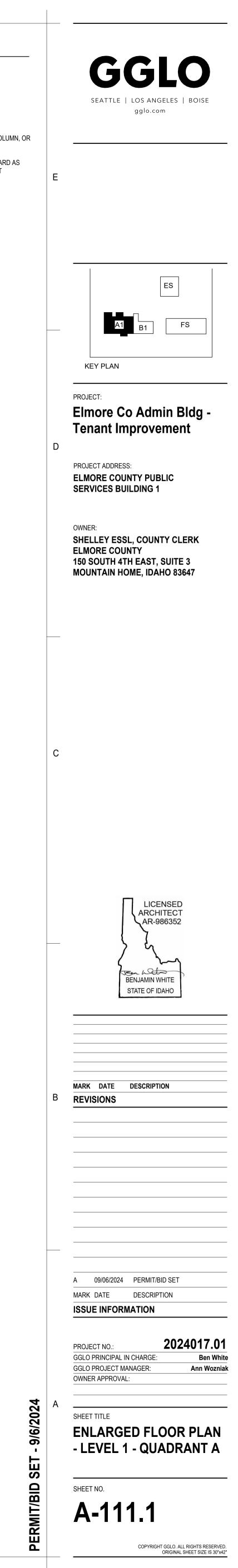
FLOOR PLAN LEGEND

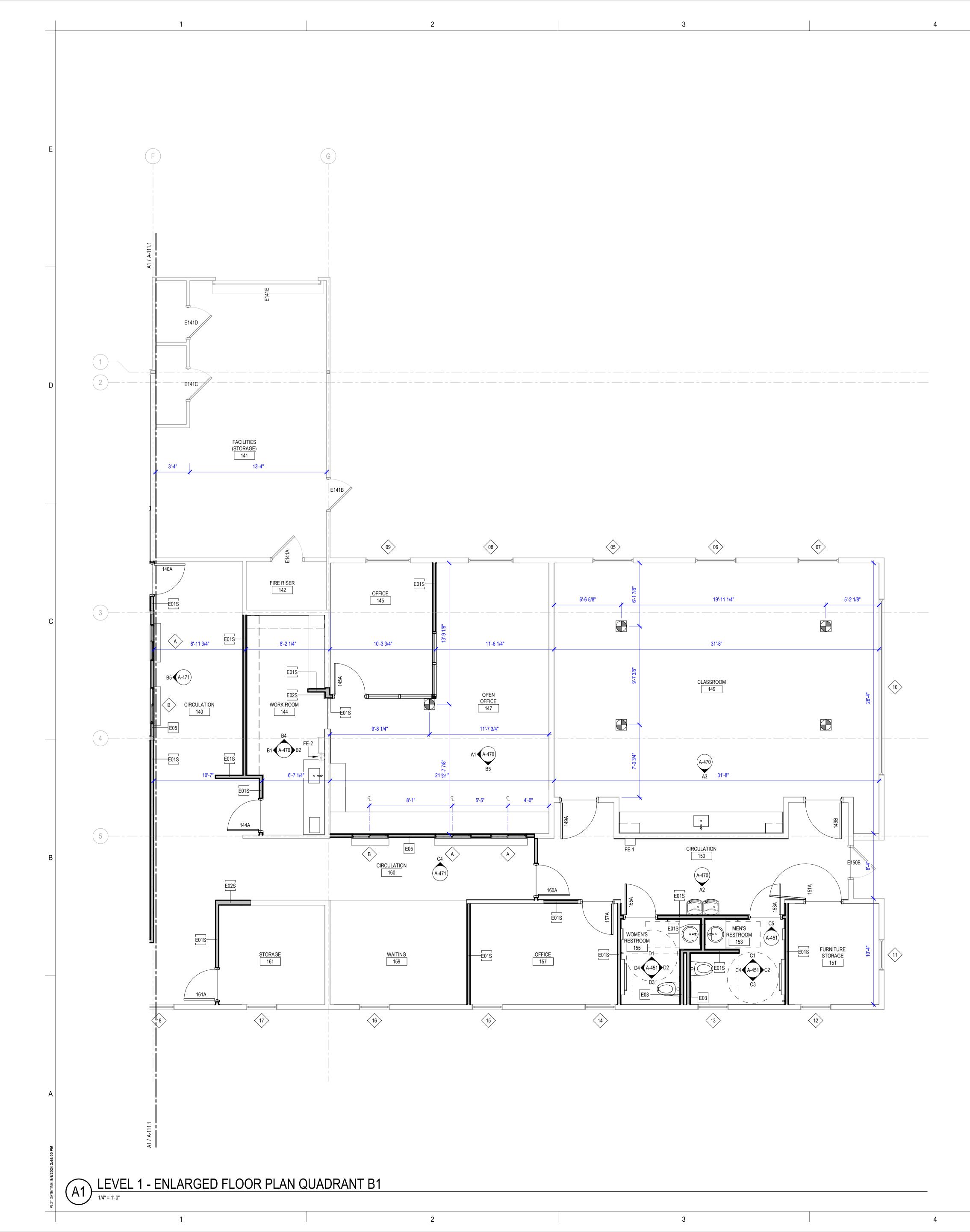
PLAN

NORTH

5







GENERAL FLOOR PLAN NOTES

6

- 1. DO NOT SCALE DRAWINGS.
- 2. SEE SHEET G-001 FOR SYMBOLS LEGEND.
- 3. SEE SHEET A-610 FOR DOOR SCHEDULE AND DETAILS.
- 4. SEE SHEET A-601 FOR WALL ASSEMBLIES, RATINGS AND TESTING CRITERIA.
- 5. PLAN DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE WALL, CENTERLINE OF COLUMI CENTERLINE OF ROUGH OPENING, UON. CONTACT ARCHITECT FOR CLARIFICATIONS.
- CONTRACTOR SHALL INSTALL FURRING, SHIMS AND ADDITIONAL LAYERS OF GYPSUM BOARD A NECESSARY TO ACHIEVE FLUSH FINISH WHERE SURFACES OF ADJACENT WALL OR SHAFT ASSEMBLIES ARE NOT, BUT ARE INTENDED TO BE, ALIGNED.
- 7. ALL WALLS ARE TO EXTEND TO THE UNDERSIDE OF EXISTING STRUCTURE UON.

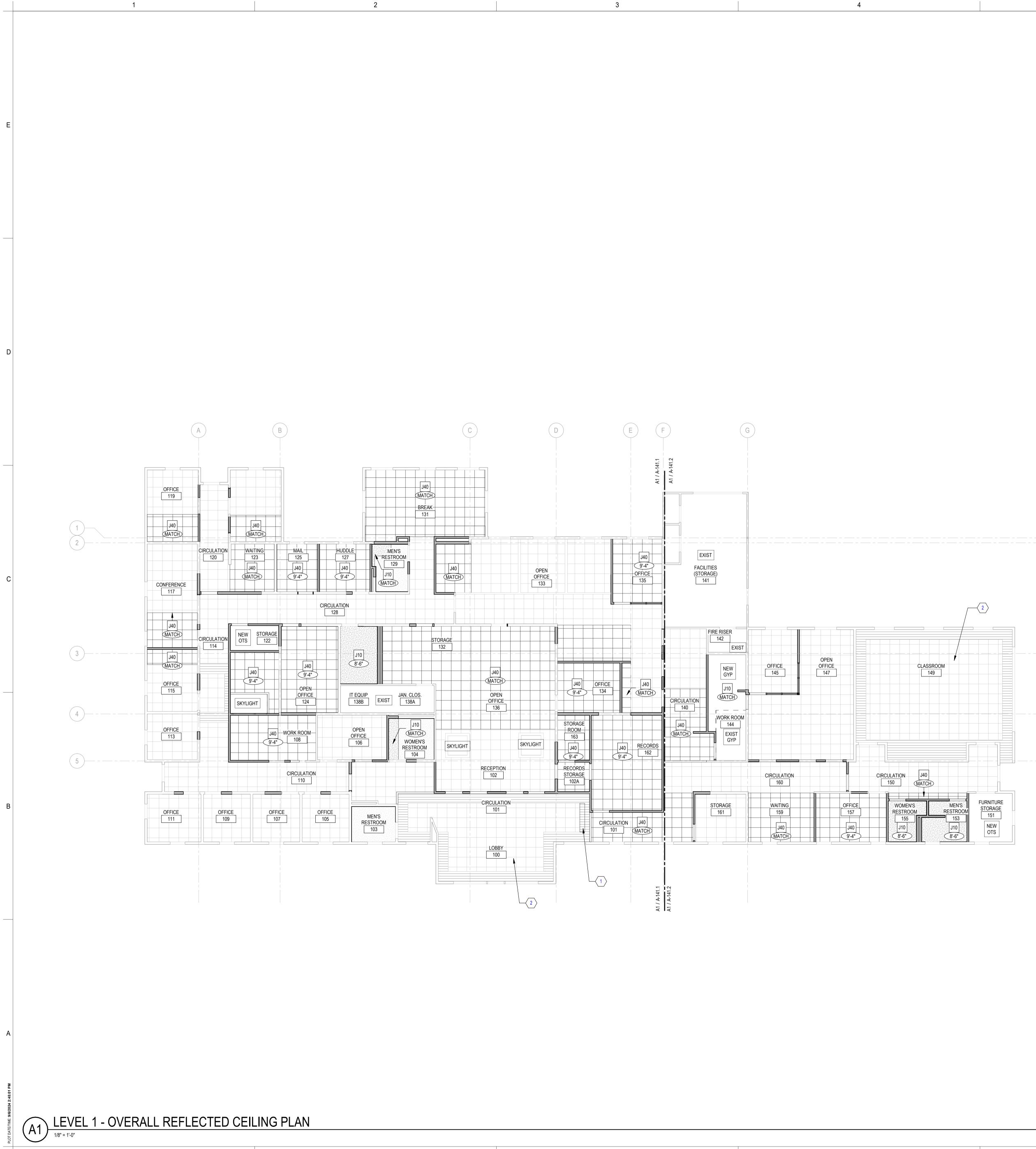
FLOOR PLAN LEGEND

	EXISTING WALL OR STRUCTURE TO REMAIN
	NEW GYP WALL
	NEW DEMOUNTABLE INT. STOREFRONT
	EXISTING DOOR TO REMAIN
	NEW DOOR
	COMBINATION DOUBLE DUPLEX RECEPTACLE/ TELECOM OUTLET: 125V
FE-1	RECESSED FIRE EXTINGUISHER CABINET
FE-2	BRACKET MOUNTED FIRE EXTINGUISHER

PLAN NORTH 0' 2' 4' 8'

6

JMN, OR D AS	Е	GGGLOO SEATTLE LOS ANGELES BOISE gglo.com
		ES A1 B1 FS
	D	KEY PLAN PROJECT: Elmore Co Admin Bldg - Tenant Improvement PROJECT ADDRESS: ELMORE COUNTY PUBLIC SERVICES BUILDING 1
		SHELLEY ESSL, COUNTY CLERK ELMORE COUNTY 150 SOUTH 4TH EAST, SUITE 3 MOUNTAIN HOME, IDAHO 83647
	С	
		LICENSED ARCHITECT AR-986352
	В	MARK DATE DESCRIPTION REVISIONS
		A 09/06/2024 PERMIT/BID SET MARK DATE DESCRIPTION ISSUE INFORMATION
PERMIT/BID SET - 9/6/2024	A	PROJECT NO.: 2024017.01 GGLO PRINCIPAL IN CHARGE: Ben White GGLO PROJECT MANAGER: Ann Wozniak OWNER APPROVAL:
PERI		COPYRIGHT GGLO. ALL RIGHTS RESERVED. ORIGINAL SHEET SIZE IS 30"x42"



2

GENERAL RCP NOTES

- FOR LOCATIONS OF ALL LIGHTING FIXTURES, EGRESS SIGNAGE, EMERGENCY LIGHTING, SMOKE/CO2 DETECTION INDICATORS, AND PHONE/DATA OUTLETS, SEE MEP AND TECHNOLOGY DRAWINGS.
- 2. ALL OTS TO BE PAINT P-1 UON.
- 3. REPLACE DAMAGED AND/OR BROKEN CEILING TILES AS REQUIRED; MATCH EXISTING FINISH.
- 4. ADJUST SPRINKLER HEAD LOCATIONS AS REQUIRED FOR NEW CONSTRUCTION.
- 5. MATCH ALL NEW HEIGHTS WITH THE EXISTING HEIGHTS.

6. ALIGN GRID WHERE EXISTING MEETS NEW.

EXISTING CEILING MATERIALS

VERIFY - FOR REFERENCE ONLY:

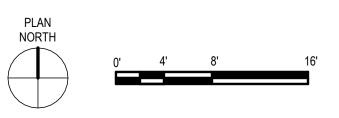
- A. CEILING GRID DONN CORPORATION, 9/16" CENTRICITEE
- B. CEILING TILE, TYP USG ECLIPSE 24 X 24 CLIMAPLUS STYLE FL
- C. CEILING TILE, ACCENT USG SAND DRIFT 24 X 24 (REPLACE EXISTING WITH TYPICAL)

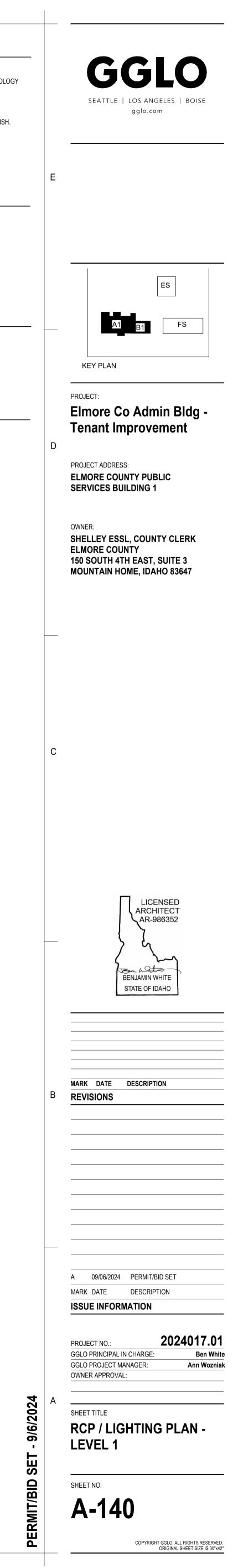
KEY NOTES - RCP

- 1. RELOCATE WOOD SOFFIT TO ALIGN WITH NEW WALL.
- 2. REPLACE CEILING TILE WITH BUILDING STANDARD.

RCP LEGEND

NOTE: REFER T	O SHEET A-605 FOR CI	EILING AND SOFFIT ASSEMBLY INFORMATION
MARK	PATTERN	DESCRIPTION
J40		INT SUSPENDED ACOUSTICAL CLG
J10		INT GYPSUM FRAMED CLG / SOFFIT
J20		INT WOOD FRAMED CLG / SOFFIT
		PATH OF DRYER VENT DUCTWORK
		PATH OF EXHAUST FAN DUCTWORK
	S	SMOKE DETECTOR
	ŚĊ	SMOKE / CO2 DETECTOR
	$\overleftarrow{\bullet}$	EXIT SIGN
	\square	EXHAUST FAN
	0	RECESSED DOWNLIGHT
		BATHROOM VANITY SCONCE
	OS	OCCUPANCY SENSOR
		2x4 LED FIXTURE







1

2

GENERAL RCP NOTES

- FOR LOCATIONS OF ALL LIGHTING FIXTURES, EGRESS SIGNAGE, EMERGENCY LIGHTING, SMOKE/CO2 DETECTION INDICATORS, AND PHONE/DATA OUTLETS, SEE MEP AND TECHNOLOGY DRAWINGS.
- 2. ALL OTS TO BE PAINT P-1 UON.
- 3. REPLACE DAMAGED AND/OR BROKEN CEILING TILES AS REQUIRED; MATCH EXISTING FINISH.
- 4. ADJUST SPRINKLER HEAD LOCATIONS AS REQUIRED FOR NEW CONSTRUCTION.
- MATCH ALL NEW HEIGHTS WITH THE EXISTING HEIGHTS.
 ALIGN GRID WHERE EXISTING MEETS NEW.

EXISTING CEILING MATERIALS

- VERIFY FOR REFERENCE ONLY:
- A. CEILING GRID DONN CORPORATION, 9/16" CENTRICITEE
- B. CEILING TILE, TYP USG ECLIPSE 24 X 24 CLIMAPLUS STYLE FL
- C. CEILING TILE, ACCENT USG SAND DRIFT 24 X 24 (REPLACE EXISTING WITH TYPICAL)

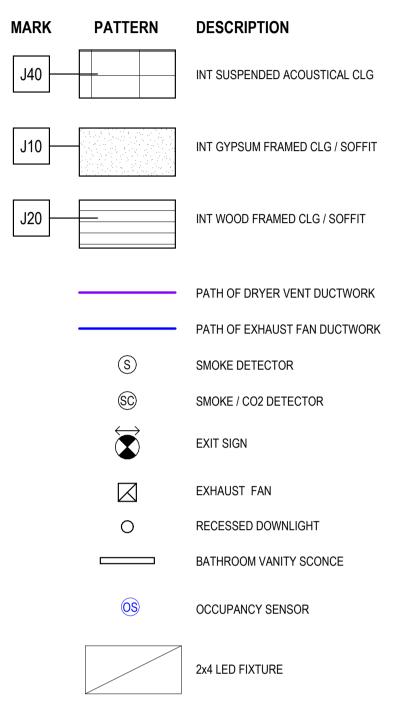
RCP LEGEND

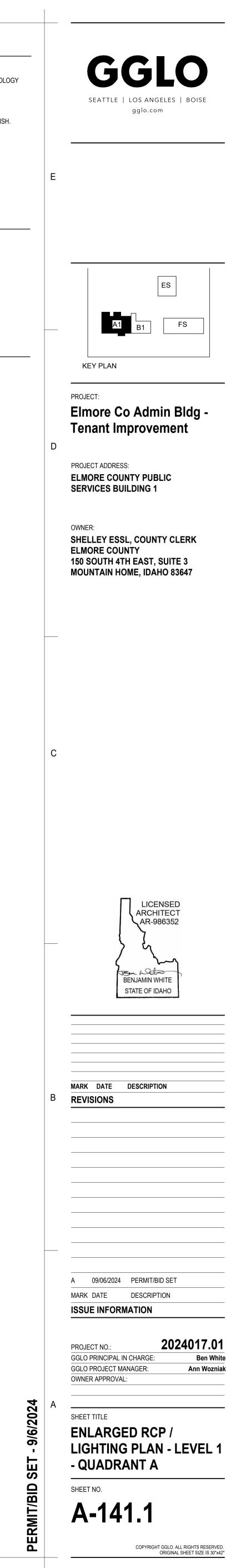
PLAN

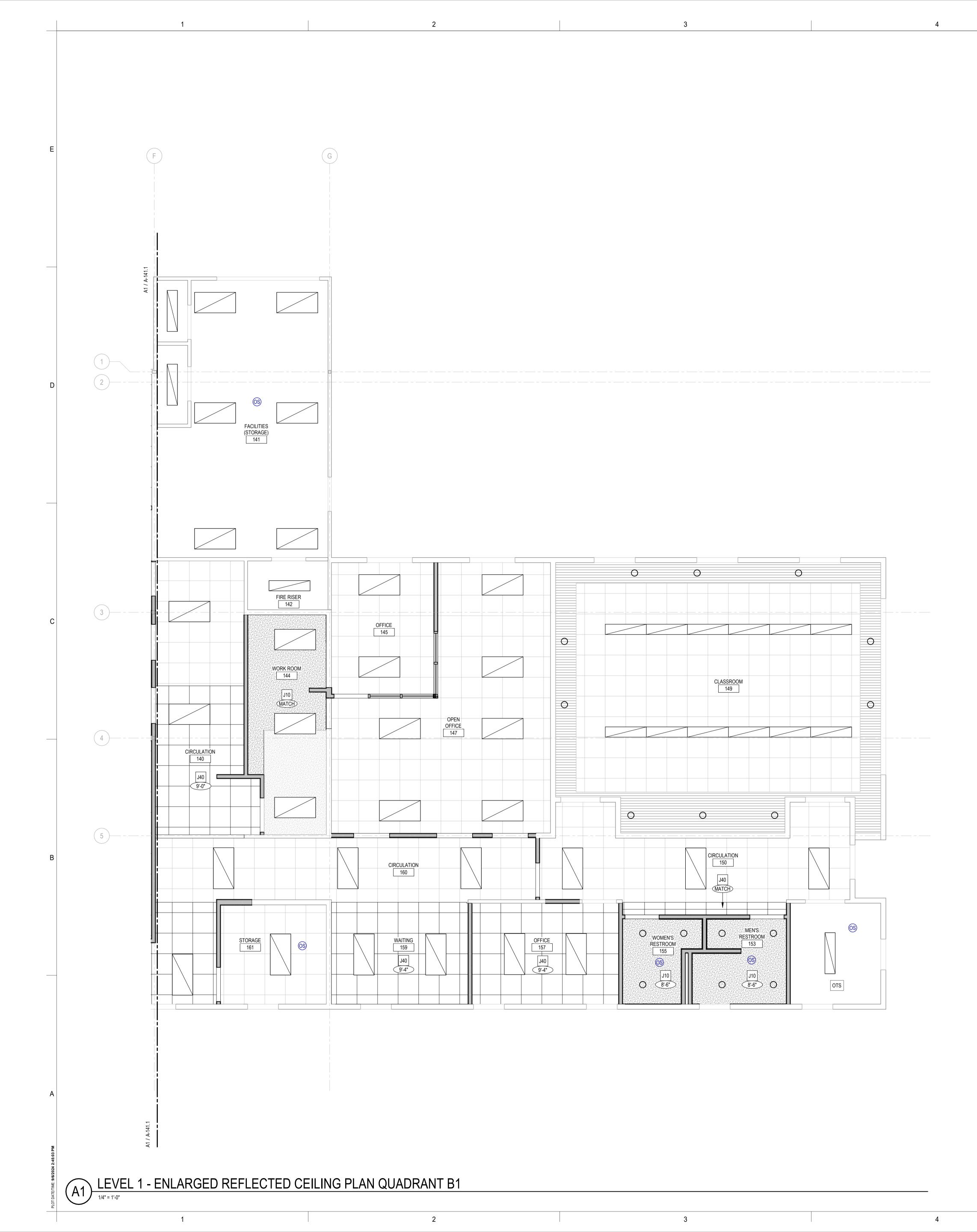
NORTH

5

NOTE: REFER TO SHEET A-605 FOR CEILING AND SOFFIT ASSEMBLY INFORMATION







GENERAL RCP NOTES

- FOR LOCATIONS OF ALL LIGHTING FIXTURES, EGRESS SIGNAGE, EMERGENCY LIGHTING, SMOKE/CO2 DETECTION INDICATORS, AND PHONE/DATA OUTLETS, SEE MEP AND TECHNOLOGY DRAWINGS.
- 2. ALL OTS TO BE PAINT P-1 UON.
- 3. REPLACE DAMAGED AND/OR BROKEN CEILING TILES AS REQUIRED; MATCH EXISTING FINISH.
- 4. ADJUST SPRINKLER HEAD LOCATIONS AS REQUIRED FOR NEW CONSTRUCTION.
- 5. MATCH ALL NEW HEIGHTS WITH THE EXISTING HEIGHTS.
- 6. ALIGN GRID WHERE EXISTING MEETS NEW.

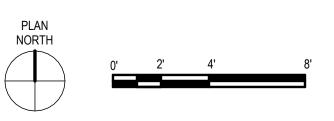
EXISTING CEILING MATERIALS

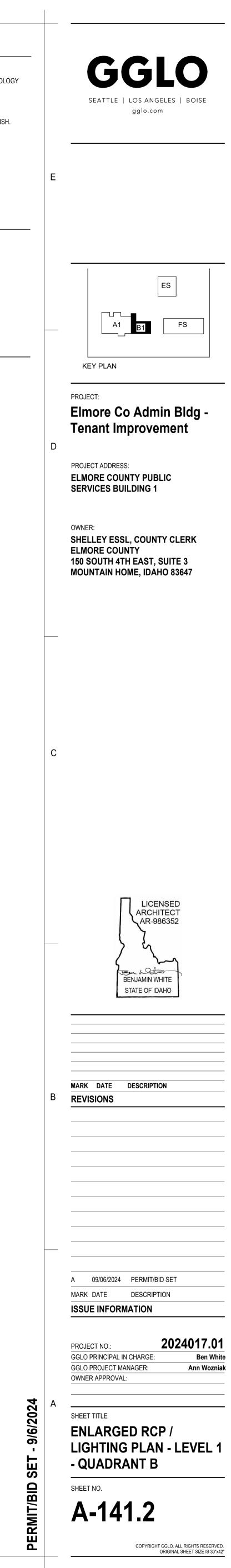
- VERIFY FOR REFERENCE ONLY:
- A. CEILING GRID DONN CORPORATION, 9/16" CENTRICITEE
- B. CEILING TILE, TYP USG ECLIPSE 24 X 24 CLIMAPLUS STYLE FL
- C. CEILING TILE, ACCENT USG SAND DRIFT 24 X 24 (REPLACE EXISTING WITH TYPICAL)

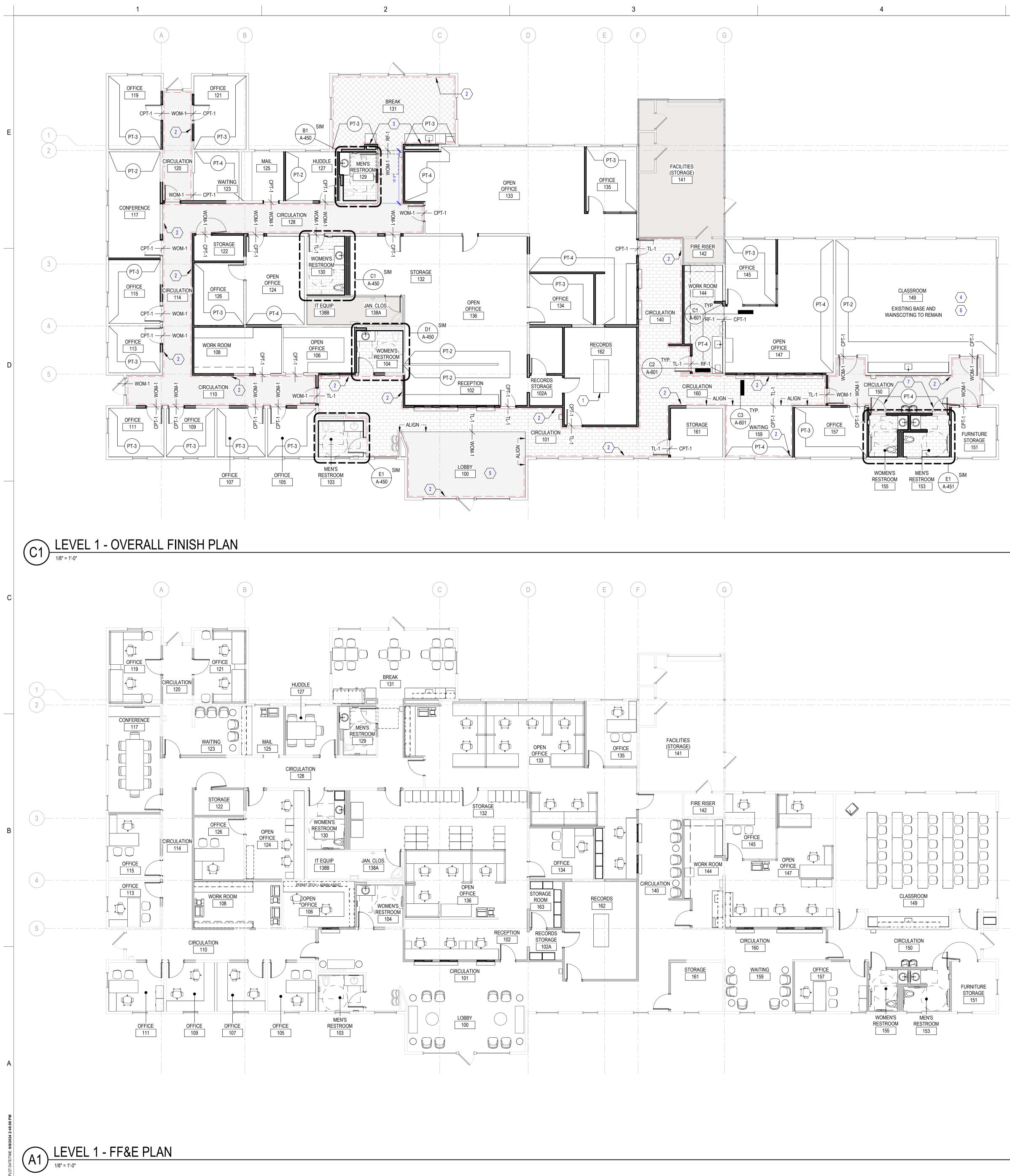
RCP LEGEND

NOTE: REFER TO SHEET A-605 FOR CEILING AND SOFFIT ASSEMBLY INFORMATION

MARK	PATTERN	DESCRIPTION
J40		INT SUSPENDED ACOUSTICAL CLG
J10		INT GYPSUM FRAMED CLG / SOFFIT
J20		INT WOOD FRAMED CLG / SOFFIT
		PATH OF DRYER VENT DUCTWORK
		PATH OF EXHAUST FAN DUCTWORK
	S	SMOKE DETECTOR
	SC	SMOKE / CO2 DETECTOR
	$\overleftarrow{\bullet}$	EXIT SIGN
	\square	EXHAUST FAN
	0	RECESSED DOWNLIGHT
		BATHROOM VANITY SCONCE
	OS	OCCUPANCY SENSOR
		2x4 LED FIXTURE







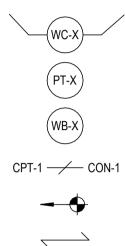
GENERAL FINISH PLAN NOTES

- 1. DO NOT SCALE DRAWINGS
- 2. REFER TO FINISH LEGENDS FOR ADDITIONAL INFORMATION.
- 3. UON, ALL WALLS, GYP BD CLG AND COLUMNS TO RECEIVE PAINT PT-1.
- 4. UON, ALL WALLS AND COLUMNS TO RECEIVE BASE RB-1.
- 5. FABRIC WALL COVERING REMOVE AT ALL EXISTING LOCATIONS, PATCH (PAINT FOR NEW FINISH).
- 6. ALL INTERIOR DOORS AND FRAMES TO BE PAINTED P-1 (SEMI-GLOSS), UON.
- 7. ALL INTERIOR TRIM (CEILING, WALL/CHAIR RAIL, AND WINDOW) TO BE PAINTED P-1, UON.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NEW CODE REQUIRED SIGNAGE, INCLUDING, BUT NOT LIMITED TO RESTROOM AND MAXIMUM OCCUPANCY SIGNAGE; PLASTIC ACCESSIBLE SIGN, BLACK.

KEY NOTES - ENLARGED FINISH PLAN

- 1. CONTINUE CARPET UNDER CASEWORK.
- 2. CHAIR RAIL AND CEILING TRIM TO MATCH EXISTING; PROVIDE WHERE MISSING.
- 3. CEILING TRIM TO MATCH EXISTING; PROVIDE WHERE MISSING.
- 4. RETAIN AND PROTECT INTERIOR CEILING, WALL/CHAIR RAIL, WINDOW, AND BASEBOARD TRIM, CLASSROOM 149; DO NOT PAINT.
- 5. RETAIN AND PROTECT CEILING TRIM, LOBBY 100; DO NOT PAINT.
- 6. MAXIMUM OCCUPANCY 50; ADD SIGNAGE.
- 7. PAINT DOORS AND FRAMES TO MATCH ACCENT WALL.

FINISH SYMBOL LEGEND



ACCENT MATERIAL TAG

GENERAL WALL FINISH, UON

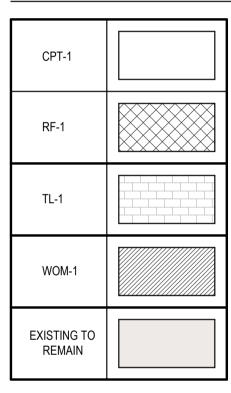
GENERAL BASE, UON

FLOORING TRANSITION TAG

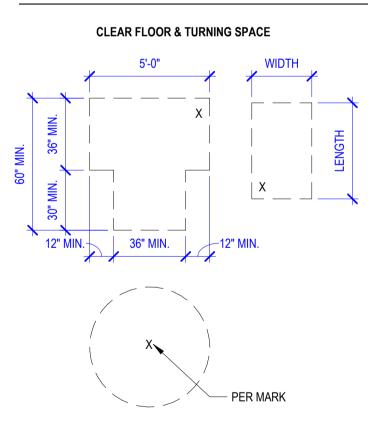
CONTROL POINT / PATTERN START INDICTOR

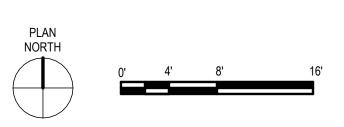
MATERIAL PATTERN DIRECTION INDICTOR

FLOOR MATERIAL LEGEND

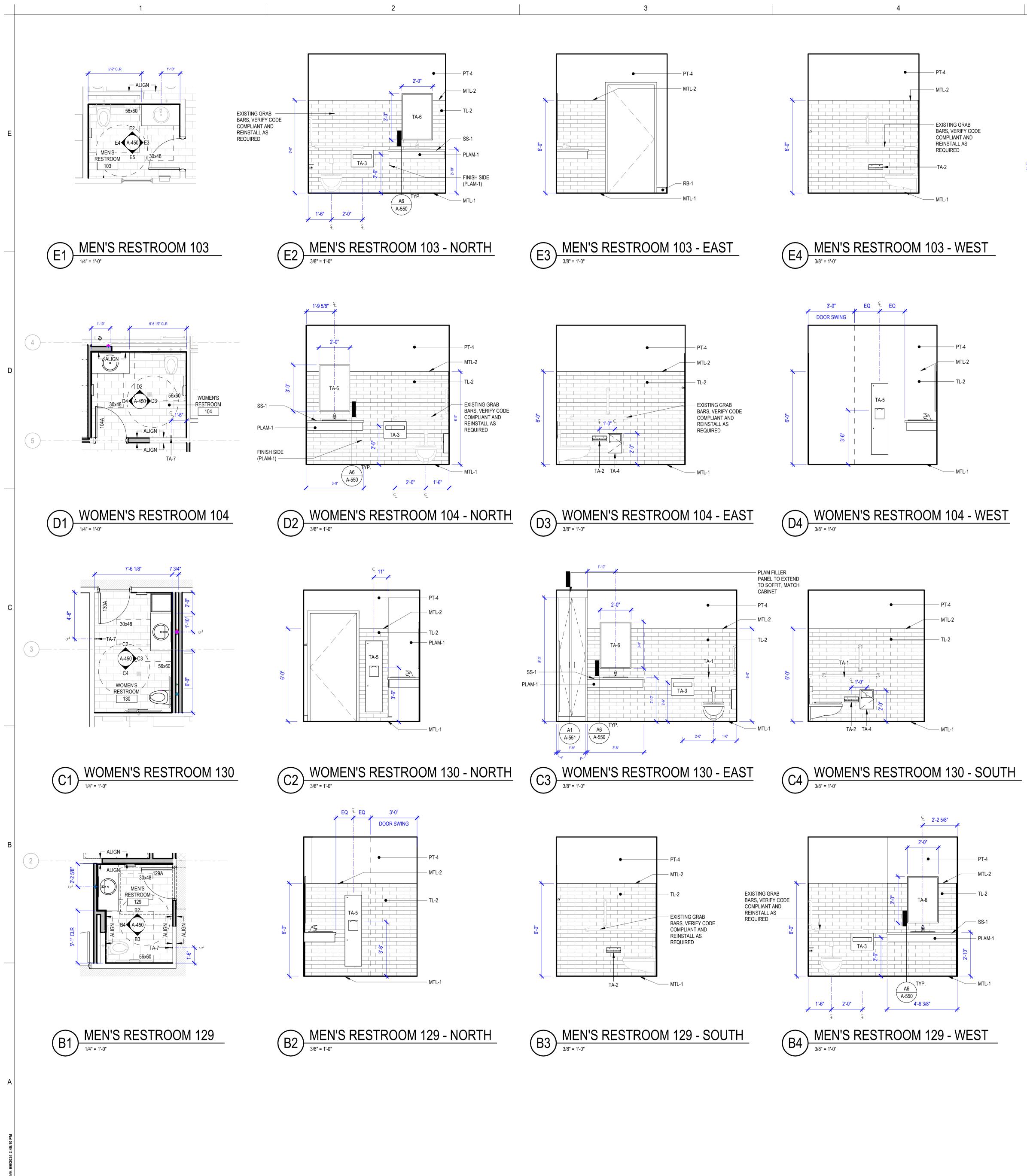


FLOOR CLEARANCE KEY

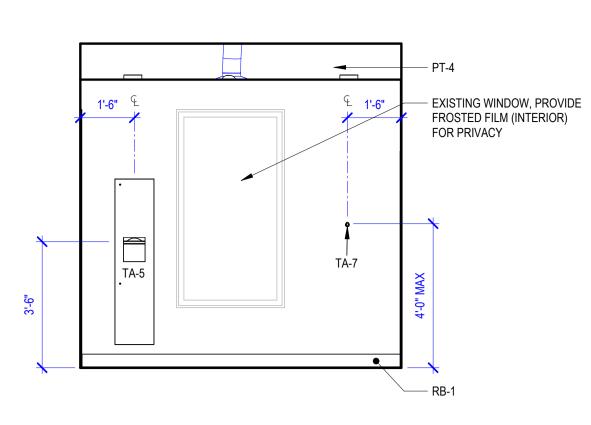








1





GENERAL PUBLIC RESTROOM NOTES

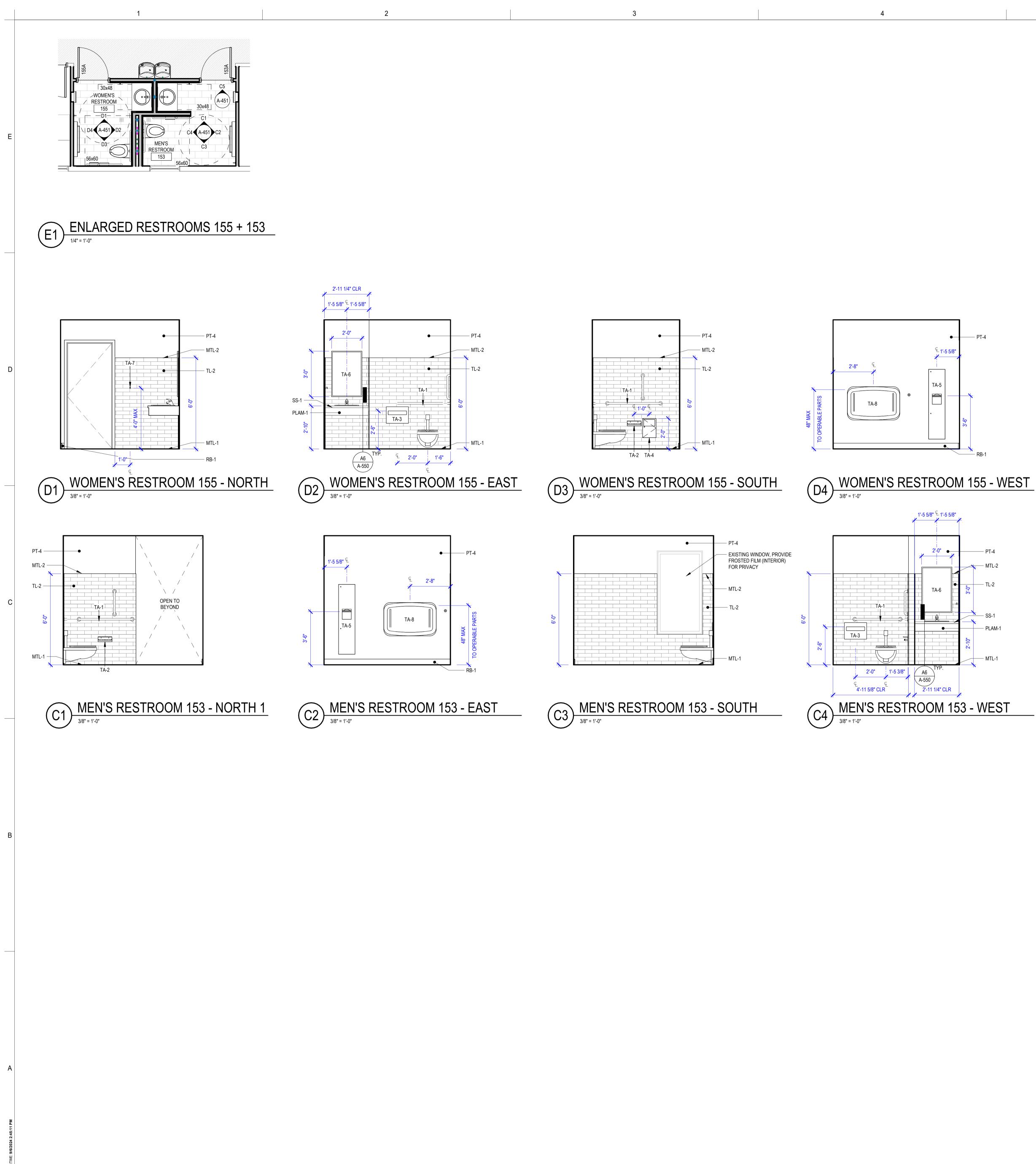
1. SEE A-500 FOR ADDITIONAL ACCESSIBLE INFORMATION REQUIREMENTS.

- 2. PARTITIONS AND COLUMNS TO RECEIVE PAINT PT-1, UON.
- 3. PLAN DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE WALL, CENTERLINE OF COLUMN, OR CENTERLINE OF ROUGH OPENINGS, UON. CONTACT ARCHITECT FOR CLARIFICATIONS.
- 4. INSTALL BLOCKING FOR GRAB BARS IN BATHROOM WALLS SURROUNDING WATER CLOSETS.
- 5. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION. (SHEET A-630)
- 6. REFER TO TOILET ACCESSORIES SCHEDULE FOR ADDITIONAL INFORMATION. (SHEET A-630)

— MTL-1

4

GGLO SEATTLE | LOS ANGELES | BOISE gglo.com PROJECT: Elmore Co Admin Bldg -**Tenant Improvement** PROJECT ADDRESS: ELMORE COUNTY PUBLIC **SERVICES BUILDING 1** OWNER: SHELLEY ESSL, COUNTY CLERK ELMORE COUNTY 150 SOUTH 4TH EAST, SUITE 3 MOUNTAIN HOME, IDAHO 83647 LICENSED ARCHITECT AR-986352 BENJAMIN WHITE STATE OF IDAHO MARK DATE DESCRIPTION REVISIONS A 09/06/2024 PERMIT/BID SET MARK DATE DESCRIPTION **ISSUE INFORMATION** 2024017.01 PROJECT NO .: GGLO PRINCIPAL IN CHARGE: Ben White GGLO PROJECT MANAGER: Ann Wozniak OWNER APPROVAL: SHEET TITLE **ENLARGED PLANS & INT ELEVATIONS - PUBLIC** RESTROOMS Δ SHEET NO. A-450 COPYRIGHT GGLO. ALL RIGHTS RESERVED. ORIGINAL SHEET SIZE IS 30"x42" Δ



4

1

2

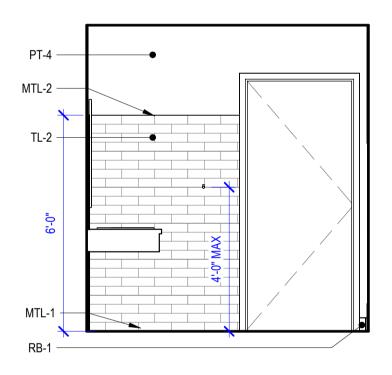
GENERAL PUBLIC RESTROOM NOTES

1. SEE A-500 FOR ADDITIONAL ACCESSIBLE INFORMATION REQUIREMENTS.

- 2. PARTITIONS AND COLUMNS TO RECEIVE PAINT PT-1, UON.
- 3. PLAN DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE WALL, CENTERLINE OF COLUMN, OR CENTERLINE OF ROUGH OPENINGS, UON. CONTACT ARCHITECT FOR CLARIFICATIONS.
- 4. INSTALL BLOCKING FOR GRAB BARS IN BATHROOM WALLS SURROUNDING WATER CLOSETS.

6

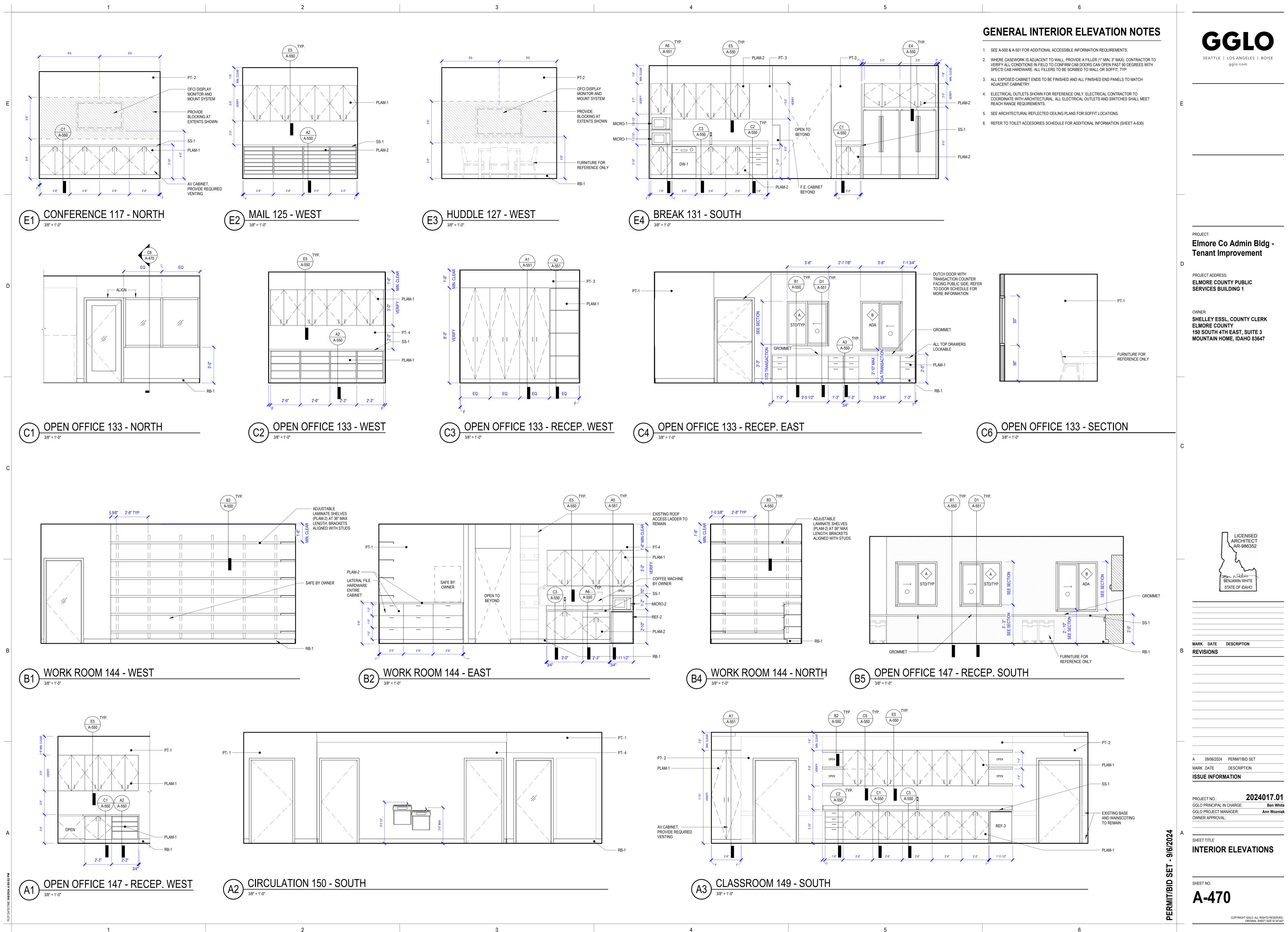
- 5. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION. (SHEET A-630)
- 6. REFER TO TOILET ACCESSORIES SCHEDULE FOR ADDITIONAL INFORMATION. (SHEET A-630)

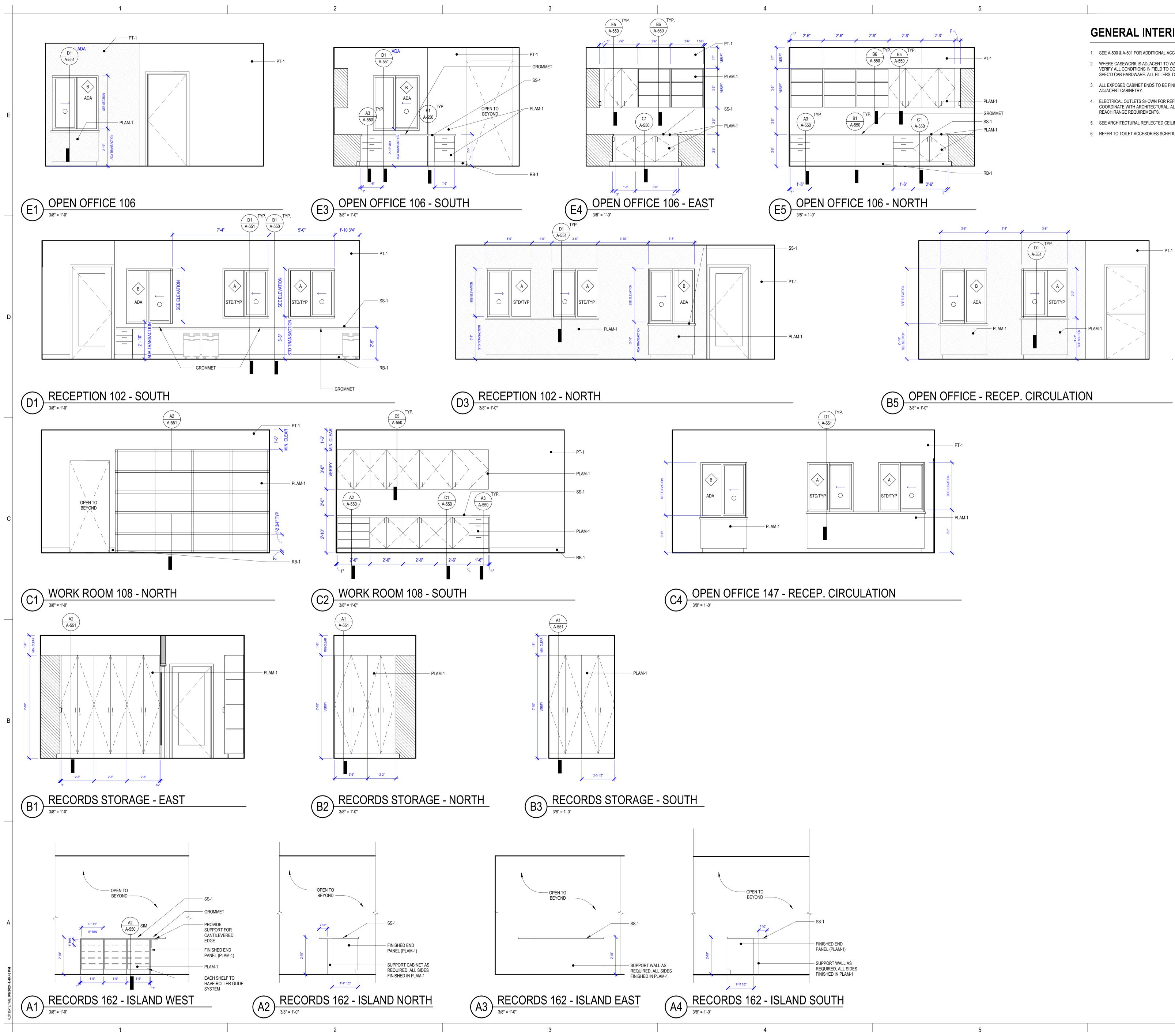


5

C5 <u>MEN'S RESTROOM 153 - NORTH 2</u> 3/8" = 1'-0"

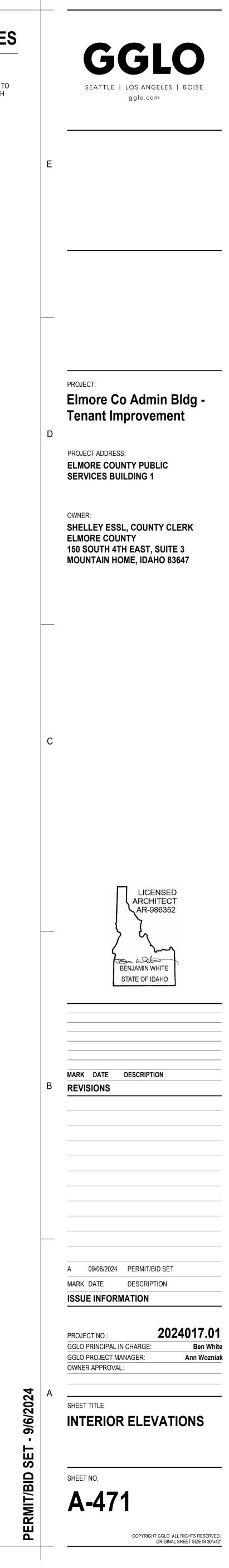
GGLO SEATTLE | LOS ANGELES | BOISE gglo.com PROJECT: Elmore Co Admin Bldg -**Tenant Improvement** PROJECT ADDRESS: ELMORE COUNTY PUBLIC SERVICES BUILDING 1 OWNER: SHELLEY ESSL, COUNTY CLERK ELMORE COUNTY 150 SOUTH 4TH EAST, SUITE 3 MOUNTAIN HOME, IDAHO 83647 LICENSED ARCHITECT AR-986352 BENJAMIN WHITE STATE OF IDAHO -----MARK DATE DESCRIPTION REVISIONS A 09/06/2024 PERMIT/BID SET MARK DATE DESCRIPTION **ISSUE INFORMATION** 2024017.01 PROJECT NO .: GGLO PRINCIPAL IN CHARGE: Ben White GGLO PROJECT MANAGER: Ann Wozniak OWNER APPROVAL: SHEET TITLE **ENLARGED PLANS & INT ELEVATIONS - PUBLIC** RESTROOMS SHEET NO. A-451 COPYRIGHT GGLO. ALL RIGHTS RESERVED. ORIGINAL SHEET SIZE IS 30"x42" Δ

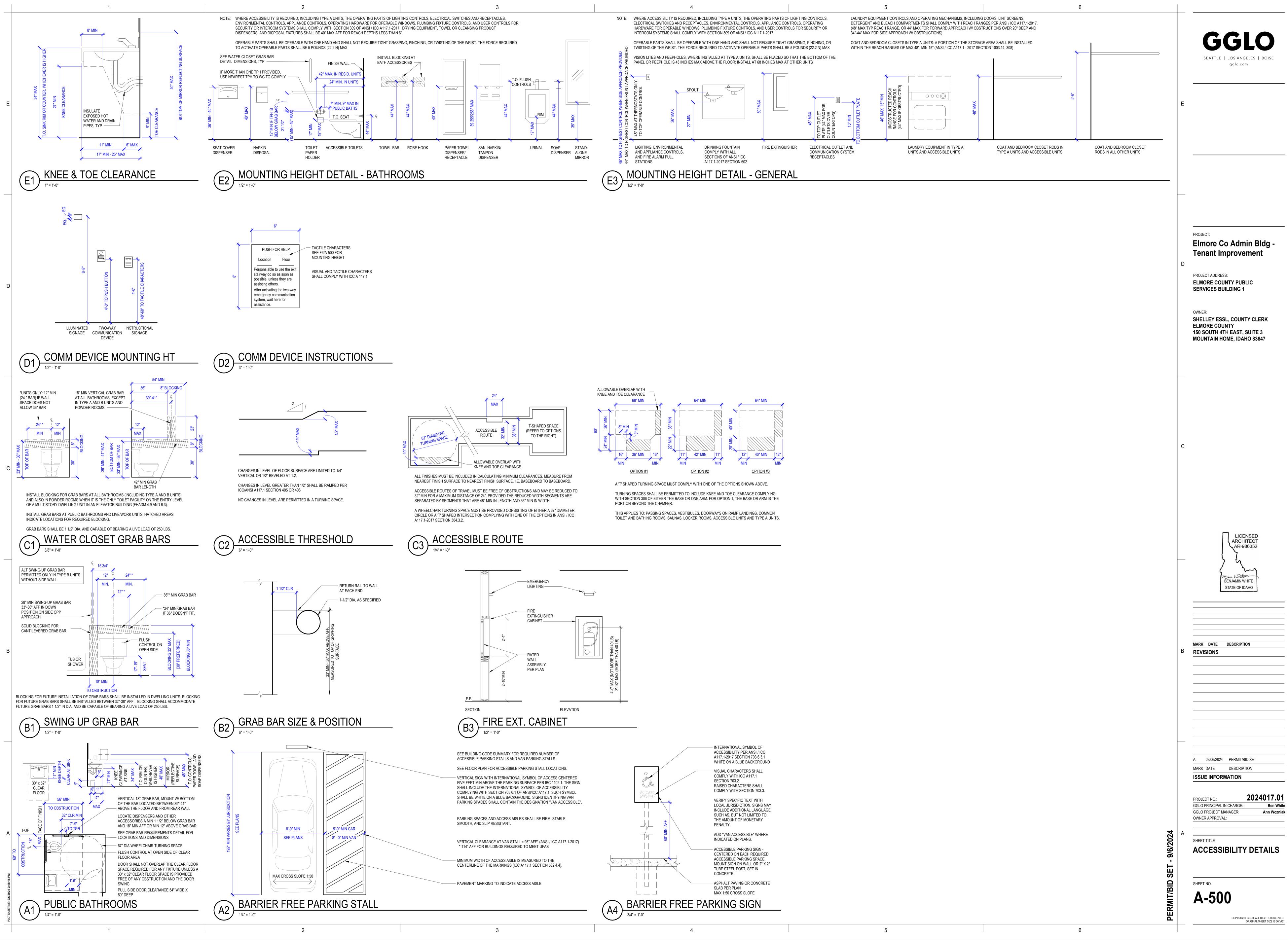


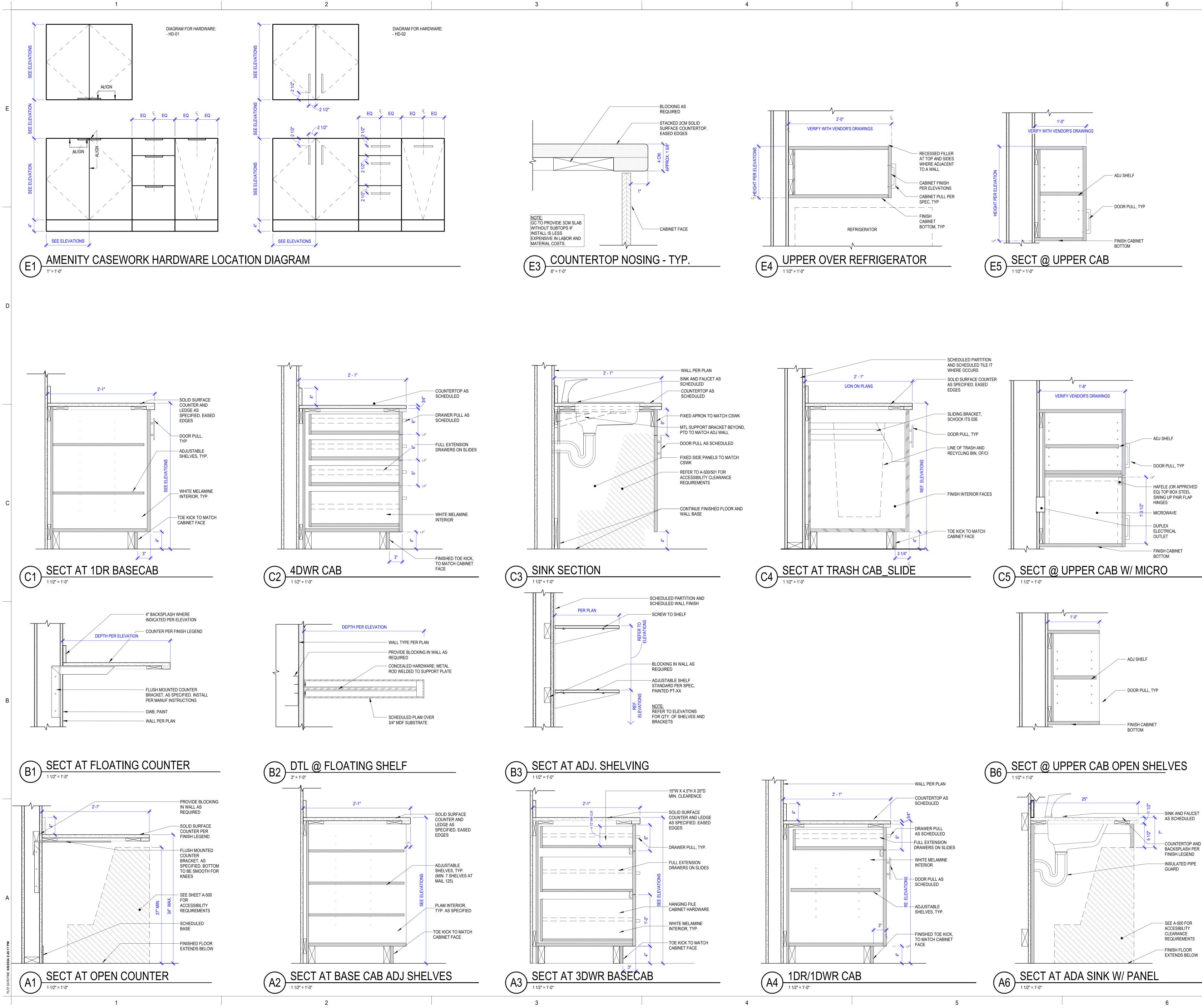


GENERAL INTERIOR ELEVATION NOTES

- 1. SEE A-500 & A-501 FOR ADDITIONAL ACCESSIBLE INFORMATION REQUIREMENTS.
- 2. WHERE CASEWORK IS ADJACENT TO WALL, PROVIDE A FILLER (1" MIN, 3" MAX). CONTRACTOR TO VERIFY ALL CONDITIONS IN FIELD TO CONFIRM CAB DOORS CAN OPEN PAST 90 DEGREES WITH SPEC'D CAB HARDWARE. ALL FILLERS TO BE SCRIBED TO WALL OR SOFFIT, TYP.
- 3. ALL EXPOSED CABINET ENDS TO BE FINISHED AND ALL FINISHED END PANELS TO MATCH
- 4. ELECTRICAL OUTLETS SHOWN FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO COORDINATE WITH ARCHITECTURAL. ALL ELECTRICAL OUTLETS AND SWITCHES SHALL MEET
- 5. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR SOFFIT LOCATIONS.
- 6. REFER TO TOILET ACCESORIES SCHEDULE FOR ADDITIONAL INFORMATION (SHEET A-630)

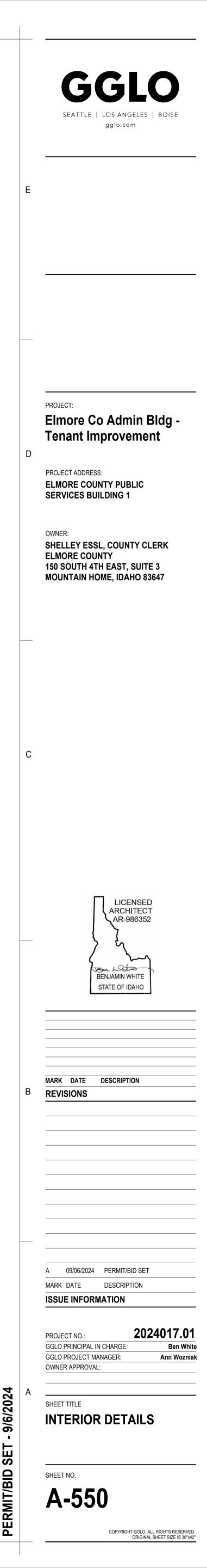


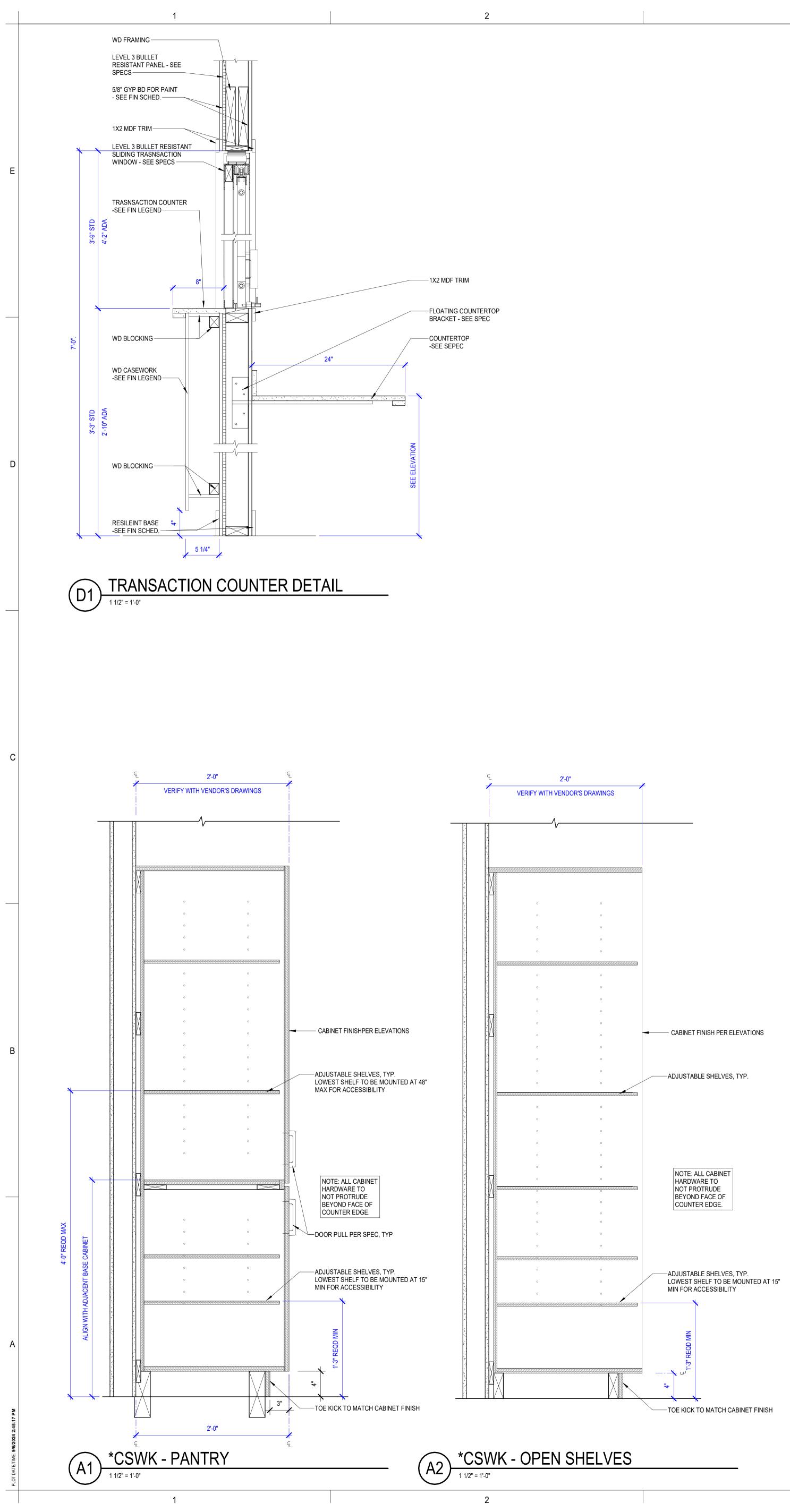




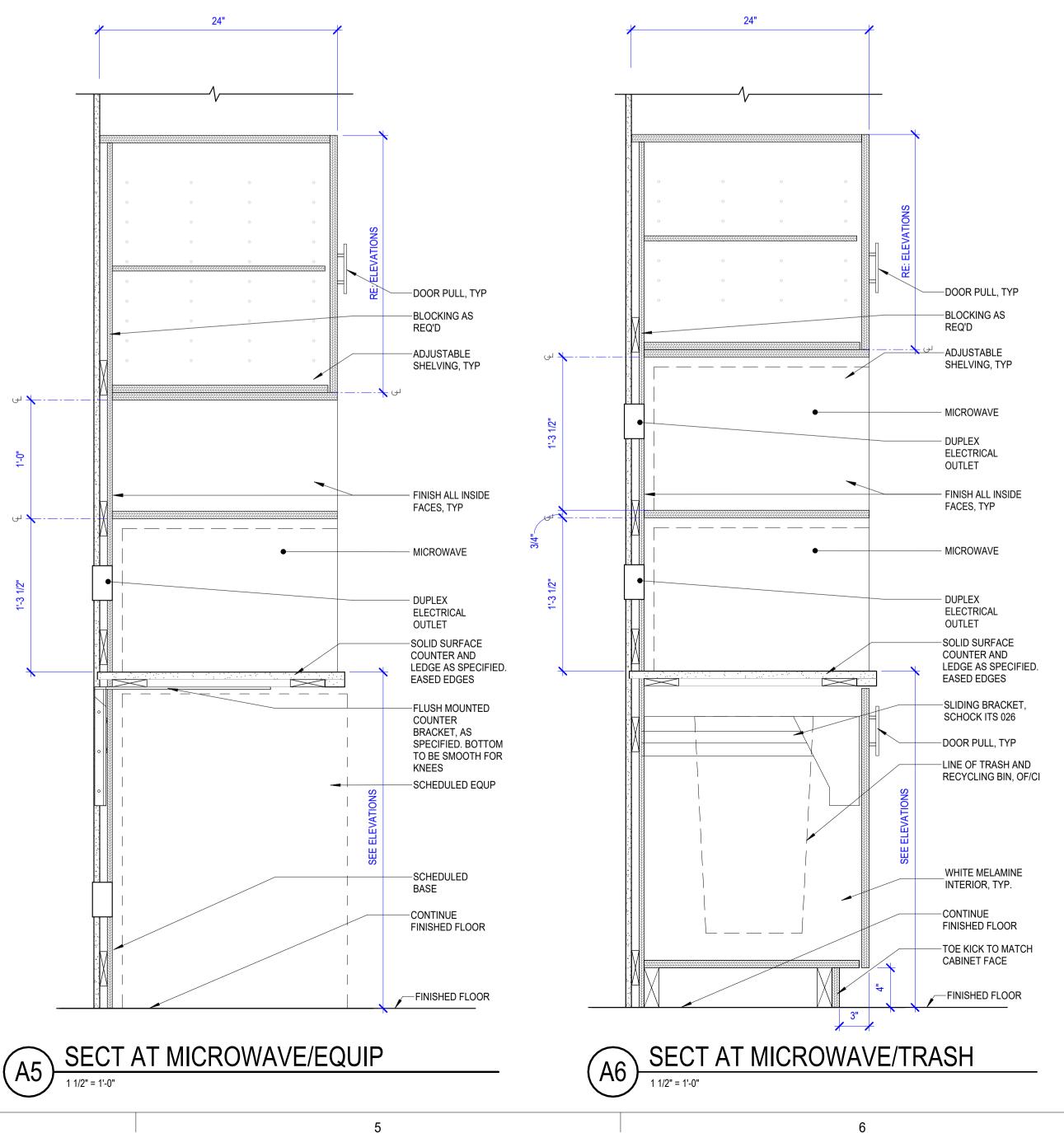




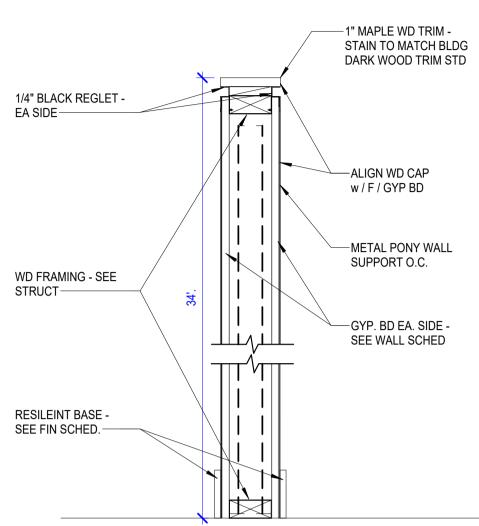


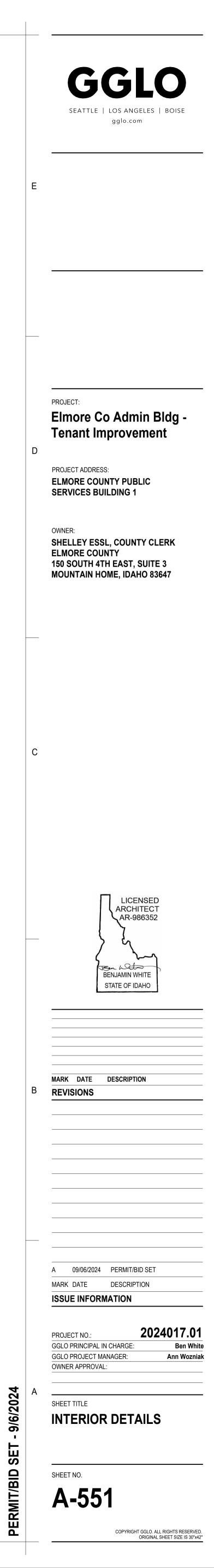


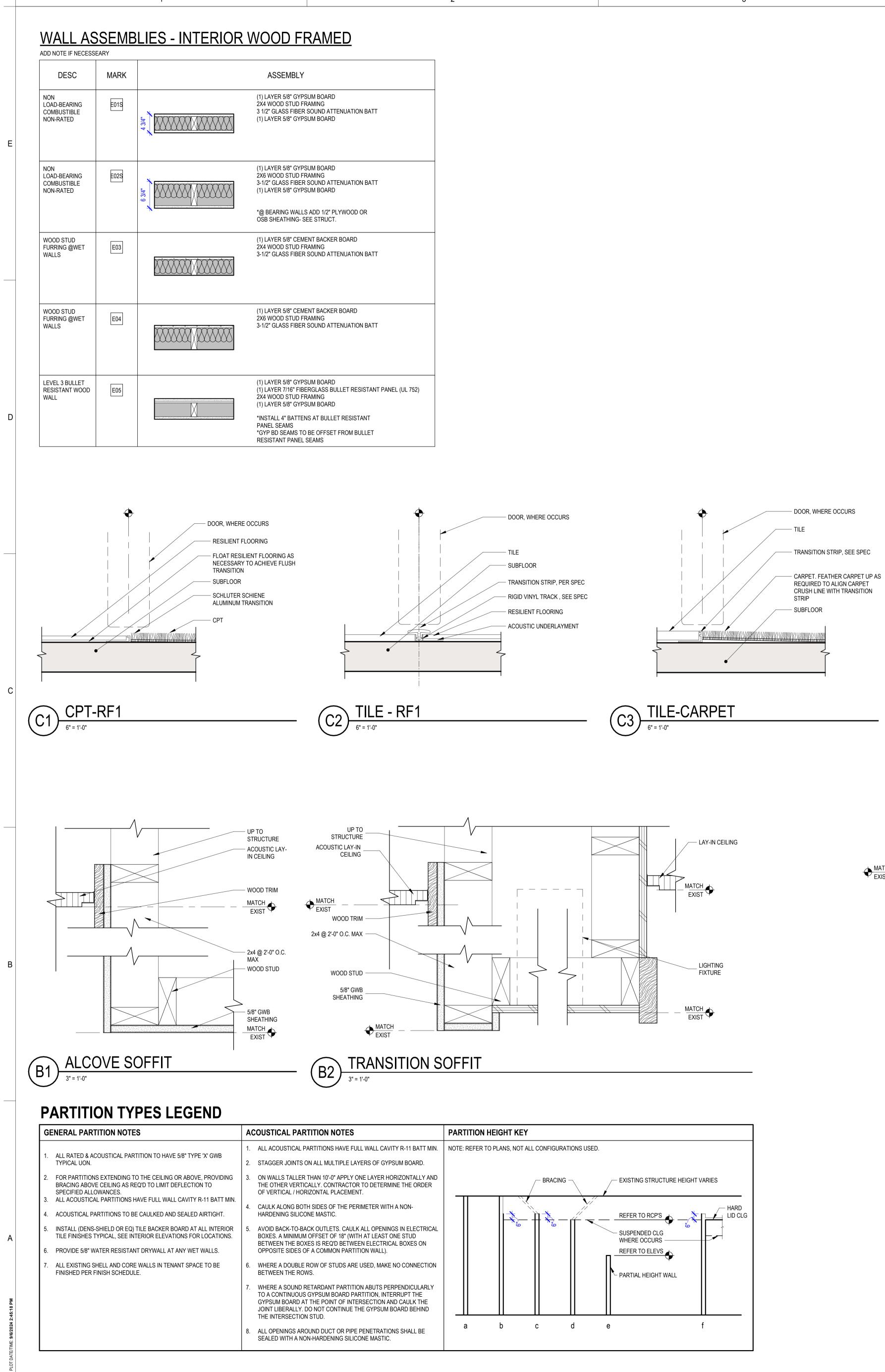
(A5)



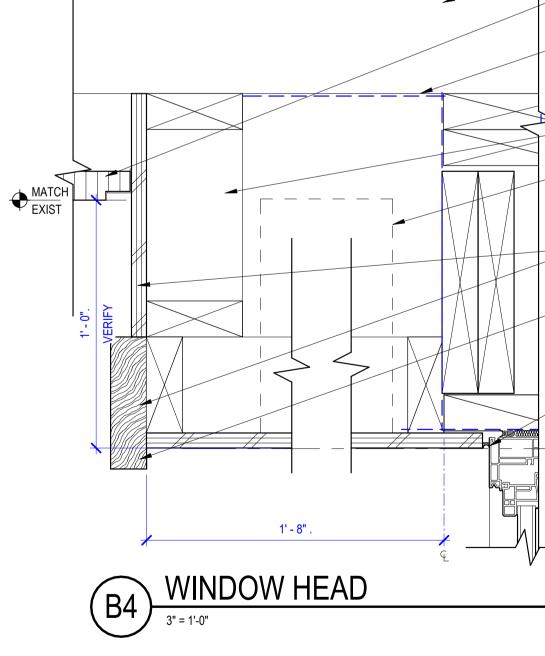








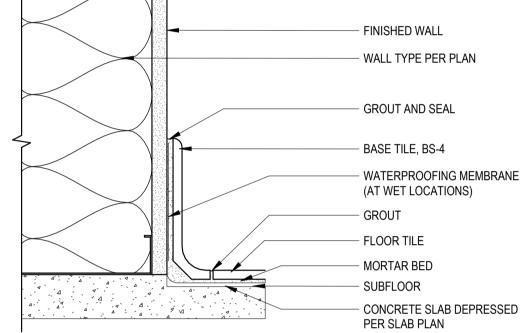
1



4



BLOKING PANEL



4

1 1/4 X 3 1/2 TRIM - CAULKING

- PLYWOOD VENEER, STAINED

5

— 2X4 @ 1'4" O.C. BEAM LIGHTING

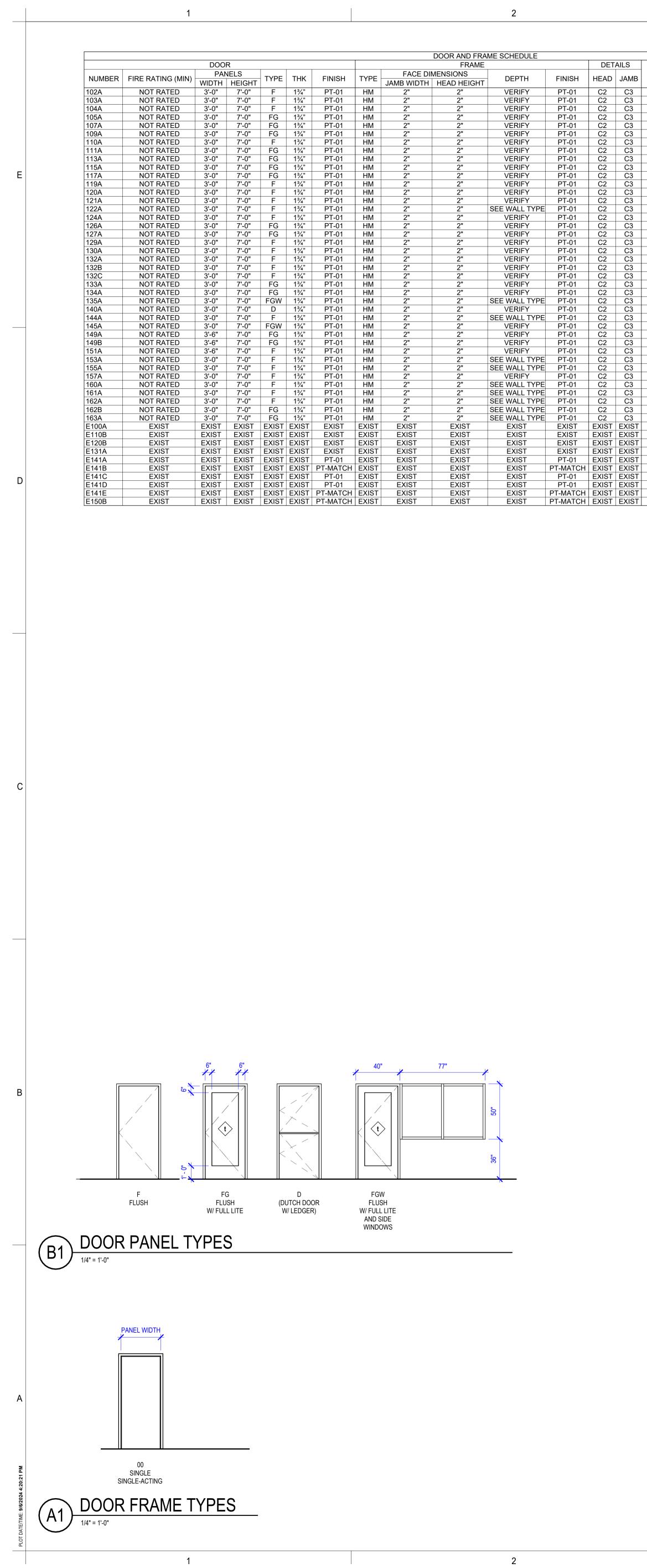
— FOIL - SCRIM -KRAFT V. KET

FIXTURE

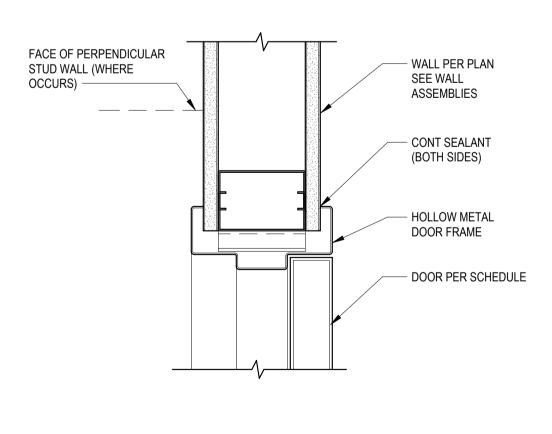
TRUSS - LAY-IN CEILING

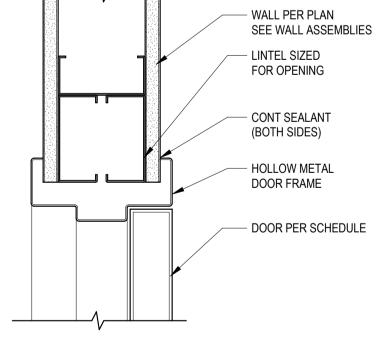
5

GGLO SEATTLE | LOS ANGELES | BOISE gglo.com PROJECT: Elmore Co Admin Bldg -Tenant Improvement PROJECT ADDRESS: ELMORE COUNTY PUBLIC SERVICES BUILDING 1 OWNER: SHELLEY ESSL, COUNTY CLERK ELMORE COUNTY 150 SOUTH 4TH EAST, SUITE 3 **MOUNTAIN HOME, IDAHO 83647 L**AR-986352 BENJAMIN WHITE STATE OF IDAHO MARK DATE DESCRIPTION REVISIONS A 09/06/2024 PERMIT/BID SET MARK DATE DESCRIPTION **ISSUE INFORMATION** 2024017.01 PROJECT NO .: GGLO PRINCIPAL IN CHARGE: Ben White GGLO PROJECT MANAGER: Ann Wozniak OWNER APPROVAL: _____ J SHEET TITLE WALL, FLOOR, CEILING, **ROOF AND SOFFIT** ASSEMBLIES SHEET NO. A-601 COPYRIGHT GGLO. ALL RIGHTS RESERVED. ORIGINAL SHEET SIZE IS 30"x42" Δ



_	<u> </u>	[1
	AILS		
	JAMB	HARDWARE SET	COMMENTS
	C3	4	SEE SPECIFICATIONS
	C3	14	SEE SPECIFICATIONS
	C3	14	SEE SPECIFICATIONS
	C3	10	SEE SPECIFICATIONS
	C3	10	SEE SPECIFICATIONS
	C3	10	SEE SPECIFICATIONS
	C3	1	SEE SPECIFICATIONS
	C3	10	SEE SPECIFICATIONS
	C3	10	SEE SPECIFICATIONS
	C3	10	SEE SPECIFICATIONS
	C3	10	SEE SPECIFICATIONS
	C3	11	SEE SPECIFICATIONS
	C3	2	SEE SPECIFICATIONS
	C3	11	SEE SPECIFICATIONS
_	C3	9	SEE SPECIFICATIONS
	C3	6	SEE SPECIFICATIONS
	C3	10	SEE SPECIFICATIONS
_	C3	10	SEE SPECIFICATIONS
_	C3	14	SEE SPECIFICATIONS
	C3	14	SEE SPECIFICATIONS
_	C3	14	SEE SPECIFICATIONS
_	C3	12	SEE SPECIFICATIONS
	C3	6	SEE SPECIFICATIONS
_	C3	12	SEE SPECIFICATIONS
_	C3	10	SEE SPECIFICATIONS
_	C3	10	SEE SPECIFICATIONS
_	C3	7	SEE SPECIFICATIONS SEE SPECIFICATIONS; TRANSACTION LEDGE
	C3	3	SEE SPECIFICATIONS, TRANSACTION LEDGE
	C3	10	SEE SPECIFICATIONS
_	C3	13	SEE SPECIFICATIONS
_	C3	13	SEE SPECIFICATIONS
_	C3	8	SEE SPECIFICATIONS
_	C3	15	SEE SPECIFICATIONS
_	C3	15	SEE SPECIFICATIONS
			SEE SPECIFICATIONS
_	C3 C3	11	SEE SPECIFICATIONS
_	C3	6	SEE SPECIFICATIONS
_	C3	6	SEE SPECIFICATIONS
_		5	SEE SPECIFICATIONS
	C3 C3	6	
_			SEE SPECIFICATIONS
_	EXIST	EX05	SEE SPECIFICATIONS
_	EXIST	EX02	SEE SPECIFICATIONS
_	EXIST	EX01	SEE SPECIFICATIONS
_	EXIST	EX05	SEE SPECIFICATIONS
_	EXIST	EX04	SEE SPECIFICATIONS
_	EXIST	EX03	SEE SPECIFICATIONS
_	EXIST	EX04	SEE SPECIFICATIONS
_	EXIST	EX04	SEE SPECIFICATIONS
_	EXIST	R1	SEE SPECIFICATIONS
_	EXIST	EX01	SEE SPECIFICATIONS







(3B) JAMB AT HM DOOR

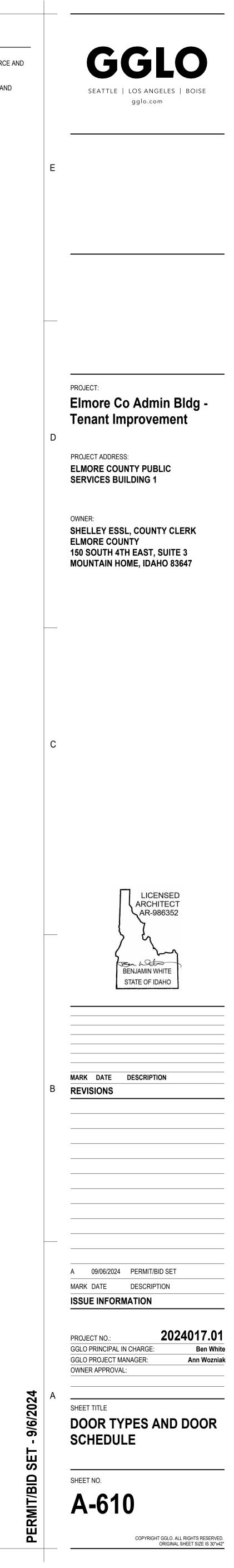


4

GENERAL DOOR NOTES

- 1. ALL REQUIRED FIRE DOORS WILL BEAR A FIRE LABEL FROM A RECOGNIZED RATING SOURCE AND WILL BE EQUIPPED WITH APPROVED LATCHES, GASKETS AND SELF-CLOSING DEVICES.
- 2. SEE DOOR LEGEND FOR DOOR PANEL AND FRAME TYPE AND MATERIAL ABBREVIATIONS AND NOTES.
- 3. ALL GLASS AT DOORS TO BE TEMPERED.
- **(t)** TEMPERED GLASS

MATERI	AL KEY	NOTE	ES KEY
AL	ALUMINUM	1	PASSAGE
FGL	FIBERGLASS	2	PRIVACY
GL	GLASS	3	PANIC HARDWARE
HM	HOLLOW METAL	4	DEAD BOLT LOCKSET
IHM	INSULATED HOLLOW METAL	5	BARRIER FREE HARDWARE
STL	STEEL	6	SLIDING DOOR HARDWARE
WD	WOOD SOLID CORE	7	SECURITY CARD HARDWARE
VIN	VINYL	8	MAGNETIC HOLD-OPEN
		9	SECURITY LATCH
		10	PULL
PANEL 1	TYPES	11	LEVER HANDLE
BI	BIFOLD	12	OVERHEAD CLOSER
D	DUTCH	13	DUMMY LEVER PULL
Е	RAISED PANEL	14	MAGNETIC LATCH
F	FLUSH	15	LOCKSET
FG	FULL GLASS	16	MANUAL HOLD-OPEN
FL	FULL LOUVER	17	VIEWPORT
FN	FULL NARROW	18	PUSH PLATE
G	HALF GLASS	19	KICK PLATE
L	LOUVERED (TOP OR BOT)	20	TEMPERED GLASS
Ν	NARROW LIGHT	21	WEATHER STRIPPING
Т	TEXTURED	22	BOTTOM GASKET (HARD SURFACE)
V	VISION LIGHT	23	BOTTOM GASKET (CARPET)
		24	ASTRAGAL GASKET (DOUBLE DOORS)
	ξEY	25	AUTOMATIC CLOSING BY ACTUATION O
PT	PAINT		SMOKE DETECTORS PER IBC 715.4.8.3
ST	STAIN	26	STOREFRONT
SST	STAINLESS STEEL	27	GARAGE DOOR ACTIVATOR
F FIN	FACTORY FINISH		
WV	WOOD VENEER		



			EXT	ERIOR	WIND	-	-	JLE		
				-			ZING			
MA	WID	HEIG		MOD		FIN			HEAD	COMME
01	EXIST		EXI	EXIST		EXI	EXI	EXI	EXIST	EXIST
02	EXIST					EXI			EXIST	EXIST
03	EXIST	EXIST		EXIST		EXI	EXI	EXI	EXIST	EXIST
04	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
05	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
06	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
07	EXIST	EXIST	EXI	EXIST		EXI	EXI	EXI	EXIST	EXIST
08	EXIST			EXIST		EXI	EXI	EXI	EXIST	7, 8
09	EXIST			EXIST		EXI	EXI	EXI	EXIST	7, 8
10	EXIST	EXIST		EXIST		EXI	EXI	EXI	EXIST	EXIST
11	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
12	EXIST			EXIST		EXI		EXI	EXIST	EXIST
13	EXIST	EXIST		EXIST		EXI	EXI	EXI	EXIST	4
14	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
15	EXIST			EXIST		EXI		EXI	EXIST	EXIST
16	EXIST	EXIST		EXIST		EXI	EXI	EXI	EXIST	EXIST
17	EXIST	EXIST		EXIST		EXI	EXI	EXI	EXIST	EXIST
18	EXIST			EXIST		EXI	EXI	EXI	EXIST	5
19	EXIST			EXIST		EXI	EXI	EXI	EXIST	5
20	EXIST	EXIST		EXIST		EXI	EXI	EXI	EXIST	EXIST
21	EXIST			EXIST		EXI	EXI	EXI	EXIST	5
22	EXIST	EXIST		EXIST		EXI		EXI	EXIST	7
23	EXIST	EXIST		EXIST		EXI	EXI	EXI	EXIST	7
24	EXIST			EXIST		EXI	EXI	EXI	EXIST	7
25	EXIST							EXI	EXIST	7
26		EXIST		EXIST				EXI	EXIST	6
27		EXIST							EXIST	6
28		EXIST					EXI	EXI	EXIST	6
29	EXIST			EXIST		EXI	EXI	EXI	EXIST	6
30	EXIST			EXIST		EXI	EXI	EXI	EXIST	1
31	EXIST			EXIST		EXI		EXI	EXIST	EXIST
32	EXIST			EXIST		EXI		EXI	EXIST	EXIST
33	EXIST			EXIST		EXI	EXI		EXIST	EXIST
34	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
35	EXIST					EXI		EXI	EXIST	1, 2
36	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
37	EXIST			EXIST		EXI	EXI	EXI	EXIST	3
38	EXIST						EXI		EXIST	1
39	EXIST			EXIST		EXI	EXI	EXI	EXIST	1
40	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
41		EXIST		EXIST		EXI	EXI	EXI	EXIST	EXIST
42	EXIST			EXIST		EXI	EXI	EXI	EXIST	EXIST
43	EXIST			EXIST		EXI	EXI		EXIST	4
44	EXIST			EXIST					EXIST	5
45	EXIST	EXIST	EXI	EXIST	EXI	EXI	EXI	EXI	EXIST	5

REPLACE INTERIOR WINDOW SOLID SURFACE SILL TO MATCH BUILDING STANDARD MATERIAL REPAIR WINDOW SEAL

REPLACE MISSING WINDOW SCREEN

PROVIDE PRIVACY FILM, SEE SPECIFICATIONS (088700-GLAZING SURFACE FILMS) PROVIDE MISSING INTERIOR WINDOW COVERING; MATCH 19 AND 18; REPLACE ALL IF MISS-MATCHED; SEE. PROVIDE MISSING INTERIOR WINDOW COVERING; MATCH 26 AND 27; REPLACE ALL IF MISS-MATCHED; SEE ... PROVIDE MISSING INTERIOR WINDOW COVERING; SEE FINISH PLAN FOR SPECS

PROVIDE ANTI-THEFT FILM, SEE SPECIFICATIONS (088700-GLAZING SURFACE FILMS)

EXISTING EXTERIOR MATERIALS - VE	ERIFY, I	FOR REFERENCE
DESCRIPTION	MFR	COLOR
ALUMINUM WINDOW FRAMES	EFCO	CHARCOAL
ALUMINUM STOREFRONT, S. ENTRY	EFCO	DOVE GRAY
ALUMINUM STOREFRONT, TYP	EFCO	CHARCOAL
GLASS	UNKN	MEDIUM GREY

1

2

MA.

Α

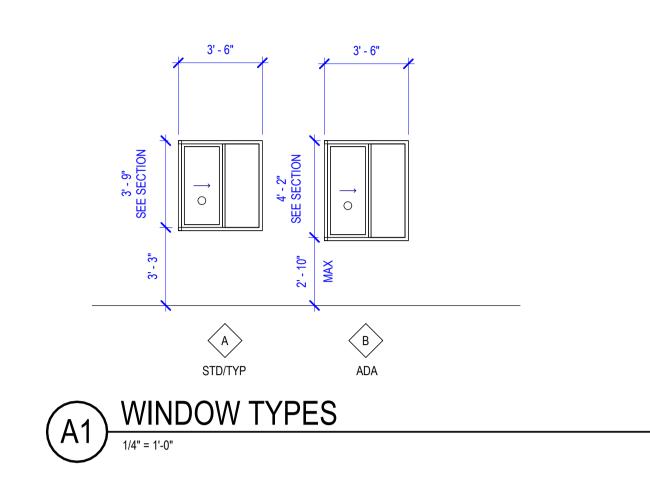
В

COMM

3

4

				INTEI		DOW SC	HEDULE			
	-					GLA	ZING			
MA	WID	HEIG	MFR	MODEL	MATL	FIN	THK	TYPE	DETAIL	COMMENTS
А	3'-6"	3'-9"	SEE	SEE	SEE	SEE	SEE	SEE	D1/A-5	1, 2
В	3'-6"	4'-2"	SEE	SEE	SEE	SEE	SEE	SEE	D1/A-5	1,2
COM	IENTS									
	SEE EI	LEVATIC	ONS							
2	SEE S	PECIFIC	ATIONS	(085653 S	ECURITY	WINDOV	VS)			



5

GENERAL GLAZING NOTES

ALL WINDOW DIMENSIONS ARE TO FACE OF FRAME, UON. ROUGH OPENING TO BE PER MANUFACTURER AND GENERAL CONTRACTOR.

6

- 2. ELEVATIONS VIEWED FROM EXTERIOR SIDE.
- 3. SEE ELEVATIONS FOR FLOOR LEVEL ELEVATIONS.
- 4. SEE ELEVATIONS FOR WINDOW OPERATION.
- 5. PER 2018 IBC SECTION 2406.3 HAZARDOUS LOCATIONS PROVIDE SAFETY GLAZING IN THE FOLLOWING LOCATIONS: GLAZING IN SWINGING DOORS; GLAZING WITHIN 24" OF DOORS WHERE BOTTOM E3DGE OF GLAZING < 60" AFF; GLAZING PANELS > 9SF WHERE BOTTOM < 18" AFF AND TOP > 36" AFF.
- 6. ALL EGRESS WINDOWS SHALL MEET THE REQUIREMENTS OF 2006 IBC SECTION 1026.
- 7. INSTALL FINISHED BACK PANS PAINTED TO MATCH FRAME COLOR ON ALL STOREFRONT LOUVERS AND SPANDREL PANELS VISIBLE FROM THE INTERIOR.

6

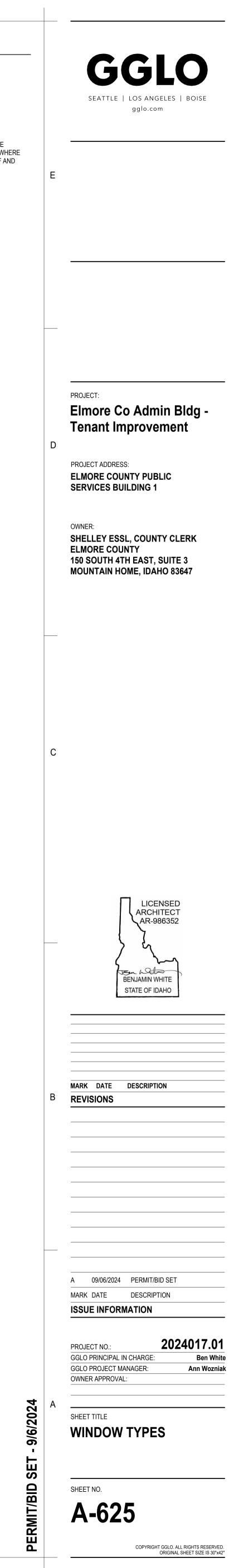
8. U-VALUES FOR ALL GLAZING TYPES:

VINYL DOORS: U = 0.28 VINYL WINDOWS FIXED: U = 0.27 VINYL WINDOWS OPERABLE: U = 0.27 STOREFRONT FIXED: U = 0.38

STOREFRONT DOORS: U = 0.60 SKYLIGHTS: U = 0.50

SHGC: 0.35 MAX

t TEMPERED GLASS



					0.75					
MARKTYPE PT-1 CARPET TILE	INTERFACE	PRODUCT NAME/# OPEN AIR 418	COLOR NAME/# 107798 OAT	FINISH N/A	SIZE 50cm x 50cm	LOCATION	CONTACT			
TL-1METAL COVE BASETL-2METAL EDGE TRIM	SCHLUTER SCHLUTER	DILEX-AHK JOLLY	BRUSHED CHROME ANODIZED BRUSHED CHROME ANODIZED	N/A N/A	N/A N/A					
AM-1 PLASTIC LAMINATE	WILSONART	PREMIUM LAMINATE	WALNUT HEIGHTS 7965K-12	SOFTGRAIN FINISH	N/A					
AM-2PLASTIC LAMINATE·1PAINT, TYP	WILSONART SHERWIN WILLIAMS	STANDARD LAMINATE SW6203	SLATE GREY D91-60 SPARE WHITE	MATTE FINISH WALLS - EGGSHELL, CEILING - FLAT, DOORS FRAMES - SEMI-GLOSS	N/A					
2 ACCENT PAINT	SHERWIN WILLIAMS	SW6460	KALE GREEN	WALLS - EGGSHELL, CEILING - FLAT, DOORS FRAMES - SEMI-GLOSS	N/A					
3 ACCENT PAINT 4 ACCENT PAINT	SHERWIN WILLIAMS SHERWIN WILLIAMS	SW6458 SW6457	RESTFUL KIND GREEN	WALLS - EGGSHELL, CEILING - FLAT, DOORS FRAMES - SEMI-GLOSS WALLS - EGGSHELL, CEILING - FLAT, DOORS FRAMES - SEMI-GLOSS						
1 RUBBER BASE	JOHNSONITE/TARKETT	THERMOSET RUBBER (TYPE TS)	BURNT UMBER	TOELESS AT CARPET/WOM; TOE AT RESILIENT/TILE	4"					
1RESILIENT FLOOR1SOLID SURFACE	CAMBRIA	NORDIC STABIL PLUS SIGNATURE SERIES	FRENCH OAK DARK GREY 81000 SEACOURT	N/A N/A	4 x 25MM ROLL 2CM					
L TILE FLOOR	DALTILE	SOCIETY COLORBODY PORCELAIN	CIVIC SAND SO46	MATTE	12" x 24"					
2TILE WALL0M-1WALK OFF MAT	BEDROSIANS TILE AND STONE INTERFACE	TRADITIONS SR799 STEP REPEAT	ICE WHITE 104932 IRON	QUARTER-TURN INSTALL	3"x6" 50cm x 50cm					
		DUETTE, 3/4" PLEAT, DOUBLE								
		HONEYCOMB CONSTRUCTION, BOTTOM-UP WITH ULTRA GLIDE,	ELITE FABRIC, TYP - MATCH EXIST EXPRESSIONS FABRIC, OFFICES - MATC	CH SEMI-OPAQUE. TYP						
-1 WINDOW SHADE	HUNTER-DOUGLAS	LIFETIME WARRANTY			PER WINDOW					
ТҮРЕ	TOILET	FACCESSORIES ER PRODUCT NAME / NUMBER	FINISH	SIZE						
RS	GAMCO GAMCO SINSER AND UTILITY SHELF BOBRICK	MODEL #: 150C-SERIES-CONCEALED	#4-SATIN FINISH RE: ELEVA	SIZE TIONS (36" 42" 18")						
VER DISPENSER	BOBRICK	B-3013	SATIN FINISH STAINLESS STEEL SATIN FINISH STAINLESS STEEL							
E-MOUNTED SANITARY NAPKIN D	SPOSAL BOBRICK	B-254	SATIN FINISH STAINLESS STEEL							
CESSED PAPER TOWEL DISPENS	R WASTE RECEPTACLE BOBRICK	B-254 B-38032	SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL	TIONS						
ECESSED PAPER TOWEL DISPENS D FRAME MIRROR, MATTE BLACK OOK HANGING STATION	R WASTE RECEPTACLE BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA	ITIONS						
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL	ITIONS						
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL	TIONS						
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL	TIONS						
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL	TIONS						
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL	TIONS						
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL							
FRAME MIRROR, MATTE BLACK	R WASTE RECEPTACLE BOBRICK BOBRICK BOBRICK	B-290.MBLK SERIES B-9542	MATTE BLACK RE: ELEVA SATIN FINISH STAINLESS STEEL	TIONS						

		TOILET AC	CESSORIES		
MARK	ТҮРЕ	MANUFACTURER	PRODUCT NAME / NUMBER	FINISH	SIZE
TA-1	GRAB BARS	GAMCO	MODEL #: 150C-SERIES-CONCEALED	#4-SATIN FINISH	RE: ELEVATIONS (36" 42" 18"
TA-2	SURFACE-MOUNTED TOILET TISSUE DISPENSER AND UTILITY SHELF	BOBRICK	B-540	SATIN FINISH STAINLESS STEEL	
TA-3	SEAT COVER DISPENSER	BOBRICK	B-3013	SATIN FINISH STAINLESS STEEL	
TA-4	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK	B-254	SATIN FINISH STAINLESS STEEL	
TA-5	SEMI-RECESSED PAPER TOWEL DISPENSER WASTE RECEPTACLE	BOBRICK	B-38032	SATIN FINISH STAINLESS STEEL	
TA-6	WELDED FRAME MIRROR, MATTE BLACK	BOBRICK	B-290.MBLK SERIES	MATTE BLACK	RE: ELEVATIONS
TA-7	COAT HOOK	BOBRICK	B-9542	SATIN FINISH STAINLESS STEEL	
TA-8	BABY-CHANGING STATION	KOALA KARE	KB310-SSWM	STAINLESS STEEL	

3

1

4

5

GGLO SEATTLE | LOS ANGELES | BOISE gglo.com PROJECT: Elmore Co Admin Bldg -Tenant Improvement PROJECT ADDRESS: ELMORE COUNTY PUBLIC SERVICES BUILDING 1 OWNER: SHELLEY ESSL, COUNTY CLERK ELMORE COUNTY 150 SOUTH 4TH EAST, SUITE 3 MOUNTAIN HOME, IDAHO 83647 LICENSED ARCHITECT AR-986352 5 2-1 BENJAMIN WHITE STATE OF IDAHO _____ _____ _____ _____ _____ _____ _____ _____ MARK DATE DESCRIPTION _____ REVISIONS _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ A 09/06/2024 PERMIT/BID SET _____ MARK DATE DESCRIPTION **ISSUE INFORMATION** 2024017.01 PROJECT NO .: GGLO PRINCIPAL IN CHARGE: Ben White GGLO PROJECT MANAGER: Ann Wozniak OWNER APPROVAL: 4 5 SHEET TITLE **INTERIOR LEGENDS &** 6 SCHEDULES Ш ဟ /BID SHEET NO. A-630 PER COPYRIGHT GGLO. ALL RIGHTS RESERVED. ORIGINAL SHEET SIZE IS 30"x42"

		WIR	ING DEVICE LEGEND
CEILING	FLOOR	WALL	
θ	Θ	Φ	DUPLEX RECEPTACLE OUTLET: 125V
⊕	\bigoplus	₽	DEDICATED DUPLEX RECEPTACLE OUTLET: 125V
⊕		₽	DOUBLE DUPLEX RECEPTACLE OUTLET: 125V
●		P	DUPLEX RECEPTACLE OUTLET: 125V ONE HALF SWITCHED
€		₽	DOUBLE DUPLEX RECEPTACLE OUTLET: 125V ONE HALF SWITCHED
0	\bigotimes	φ	SPECIAL PURPOSE RECEPTACLE OUTLET: RATING AS INDICATED
•		N/A	COMBINATION DUPLEX RECEPTACLE/TELECOM OUTLET: 125V
•		N/A	COMBINATION DOUBLE DUPLEX RECEPTACLE/ TELECOM OUTLET: 125V
\bigcirc		∇	TELECOM OUTLET
٢		V	COMBINATION VOICE & TELECOM OUTLET
N/A	٥	•	POWER CONNECTION TO ELECTRIFIED FURNITURE SYSTEM
N/A		¥	TELECOM CONNECTION TO ELECTRIFIED FURNITURE SYSTEM
WAP	N/A	N/A	WIRELESS ACCESS POINT
	TV	Ţ	TELEVISION COAXIAL OUTLET
N/A	N/A		PUSH BUTTON
B	N/A	▼ B H	BUZZER
OB	N/A	O B H	BELL
			YPE PLUGSTRIP OR SURFACE RACEWAY, LENGTH //ATELY AS SHOWN
			TYPE PLUGSTRIP OR SURFACE RACEWAY, APPROXIMATELY AS SHOWN

W	IRING DEVICE SUBSCRIPT LEGEND
₽AC	AC = ABOVE COUNTER
₽GFI	GFI = GROUND FAULT CIRCUIT INTERRUPTER
¶ıG	IG = ISOLATED GROUND
₽IG	IG = ISOLATED GROUND (ONE OF DOUBLE DUPLEX)
₽wp	WP = WEATHERPROOF
Фа	a = LOWER CASE LETTER INDICATES SWITCH CONTROL
⊕ +XX"	+XX" = MOUNTING HEIGHT ABOVE FINISHED FLOOR
₽ 6	6 = NUMBER INDICATES CIRCUIT NUMBER

EQUIPMENT NAMING LEGEND
O BUS O PH S DPL CIRCUIT NUMBER(S) FIRST OF THIS TYPE ON FLOOR NORTH, EAST, SOUTH OR WEST FLOOR LEVEL LPH LRC MCC MP MS PDU T TB TC DSH CIRCUIT NUMBER(S) FIRST OF THIS TYPE ON FLOOR NORTH, EAST, SOUTH OR WEST FLOOR LEVEL LRC MCC MP MS PDU T T TB TC DH DISTRIBUTION PANEL 277/480V DPL DISTRIBUTION PANEL 277/480V DPL DISTRIBUTION SWITCHBOARD 277/480V DSL DISTRIBUTION SWITCHBOARD 120/208V LP BRANCH CIRCUIT PANELBOARD 120/208V LP BRANCH CIRCUIT PANELBOARD 120/208V LPH BRANCH CIRCUIT PANELBOARD MS MAIN SWITCHBOARD PDU POWER DISTRIBUTION UNIT T T T T T T T T T T T T T

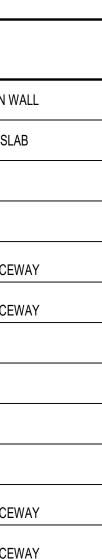
	POWER LEGEND
	ATS, CPC, DPH, DPL, DSH, DSL, MCC OR MS: SIZE APPROXIMATELY AS SHOWN. DOUBLE LINE INDICATES FRONT.
	DISTRIBUTION SWITCHBOARD
	SURFACE MOUNTED PANELBOARD:277/480V SIZE APPROXIMATELY AS SHOWN
	RECESSED MOUNTED PANELBOARD:277/480V SIZE APPROXIMATELY AS SHOWN
	SURFACE MOUNTED PANELBOARD:120/208V SIZE APPROXIMATELY AS SHOWN
—	RECESSED MOUNTED PANELBOARD:120/208V SIZE APPROXIMATELY AS SHOWN
	TELECOM BACKBOARD: LENGTH APPROXIMATELY AS SH
	BUSWAY RISER WITH PLUG IN UNIT, FUSE
	BUSWAY RISER WITH PLUG IN UNIT, BREAKER
	BUSWAY HORIZONTAL
СТВ	CABLE TAP BOX
TF	STEP DOWN TRANSFORMER
D'	HEAVY DUTY DISCONNECT SWITCH
	HEAVY DUTY DISCONNECT SWITCH WITH FUSE
	MOTOR STARTER
R	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
VED	VFD WITH DISCONNECT, NOT PROVIDED UNDER ELECTRICAL SCOPE
VFD	VFD WITHOUT DISCONNECT, NOT PROVIDED UNDER ELECTRICAL SCOPE
EPC	EMERGENCY POWER OFF BUTTON
\$ MD	MOTORIZED DOOR CONTROLLER (FURNISHED WITH DOOR)
\$ MS	MOTORIZED SHADE CONTROLLER (FURNISHED WITH SHADES)
\$PS	PROJECTION SCREEN CONTROLLER (FURNISHED WITH SCREEN)
\$ sc	SPEED CONTROLLER (FURNISHED WITH EQUIPMENT)
\$⊤	THERMAL OVERLOAD/DISCONNECT SWITCH
M	MOTOR CONNECTION
Ū	JUNCTION BOX, CEILING MOUNTED
Ŷ	JUNCTION BOX, WALL MOUNTED
PB	PULL BOX
S B	SPLICE BOX
	FLOOR GROUND BAR
<u>SF-1</u> -	EQUIPMENT TAG

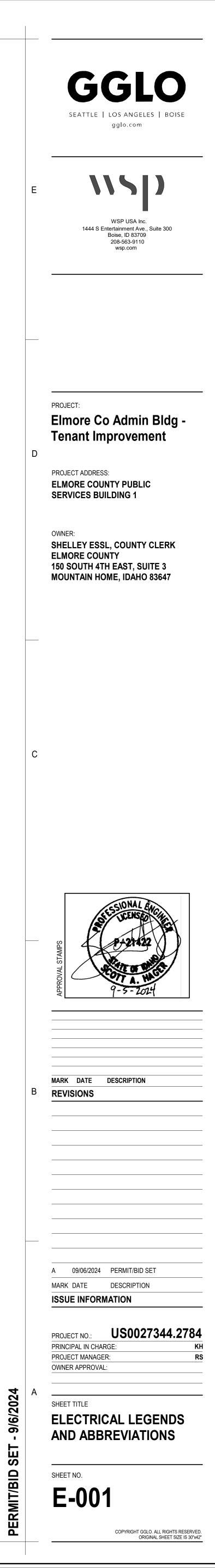
	RACEWAY LEGEND
	CONDUIT CONCEALED ABOVE CEILING OR WITHIN WALL
	CONDUIT BELOW GRADE OR EMBEDDED WITHIN SLAB
0	CONDUIT UP
•	CONDUIT DOWN
	CONDUIT STUBBED OUT WITH BUSHING NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
E	CONDUIT STUBBED OUT AND CAPPED NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
AV	AUDIO/VISUAL SYSTEM RACEWAY
CT	CABLE TRAY
G	GROUNDING SYSTEM RACEWAY
——FA	FIRE ALARM SYSTEM RACEWAY
S	SECURITY SYSTEM RACEWAY NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
T	TELECOM SYSTEM RACEWAY NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
TV	TELEVISION SYSTEM RACEWAY NOTE: PROVIDE PULLSTRING IN EACH EMPTY RACEWAY
	CONDUIT HOMERUN NOTE: MAXIMUM OF THREE BRANCH CIRCUITS FOR EACH HOMERUN, UON
	PHASE CONDUCTOR(S) GROUNDING CONDUCTOR
	SOLATED GROUNDING CONDUCTOR IEUTRAL CONDUCTOR

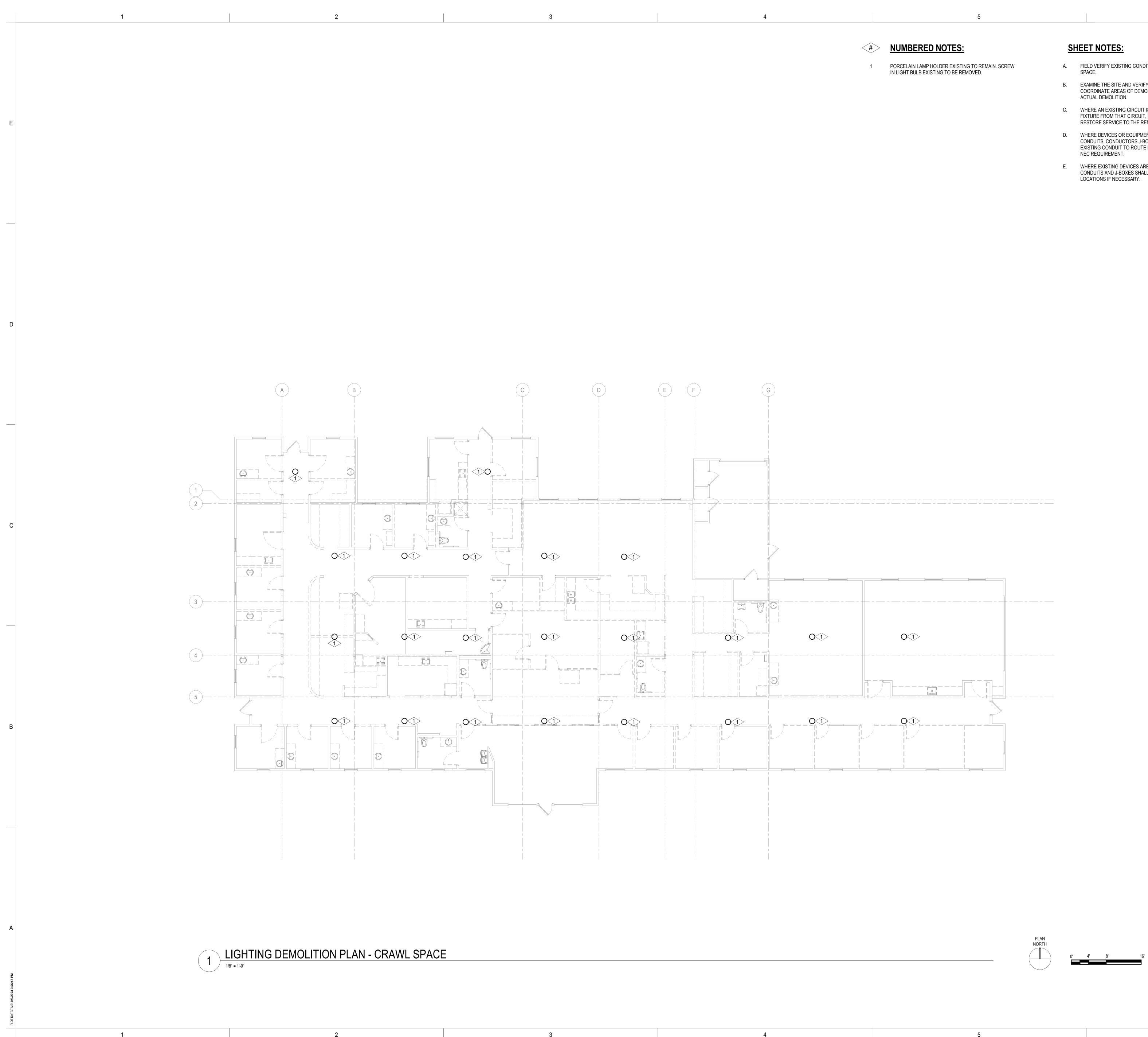
ELECTRICAL LEGEND AND ABBREVIATIONS

	ON	IE-LINE DIAGRAM LEGEND
		TRANSFORMER
		CIRCUIT BREAKER
		SWITCH AND FUSE
	$\langle \leftarrow \rightarrow \rangle \rightarrow$	DRAWOUT TYPE CIRCUIT BREAKER
		DRAWOUT TYPE SWITCH AND FUSE
	C1	CIRCUIT BREAKER IN ENCLOSURE
	\checkmark	CURRENT TRANSFORMER
ELY AS SHOWN	M	UTILITY METERING BASE
	M	CUSTOMER ENERGY METERING
	。	AUTOMATIC TRANSFER SWITCH
	- - -	PANEL - REFER TO EQUIPMENT NAMING LEGEND ON THIS SHEET
	THE REAL PROPERTY IN THE REAL PROPERTY INTO THE REAL PR	SHORT CIRCUIT CURRENT AVAILABLE
	GFR	GROUND FAULT RELAY
	GFP	GROUND FAULT PROTECTION
SWITCH	SPD	SURGE PROTECTION DEVICE
र		GROUND
NDER	G	GENERATOR
	G	GENERATOR IN WP ENCLOSURE
WITH		BUS
) WITH		RACEWAY
ED WITH		DISCONNECT SWITCH
MENT)	D'	FUSED DISCONNECT SWITCH
	Ř	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
	M	MOTOR

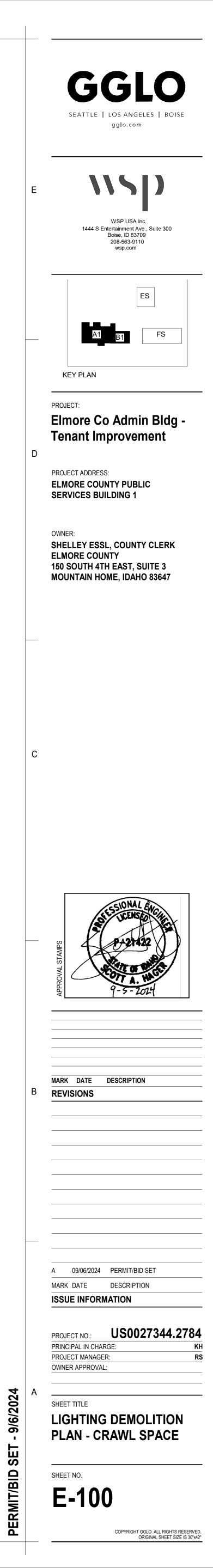
	LIGHTING LEGEND		ABBREVIATIONS		ELECTRICAL SHEET LIST
0	LIGHTING FIXTURE; CEILING MOUNTED	<u> </u>	CENTER LINE	SHEET NUMBER E-001	SHEET NAME ELECTRICAL LEGENDS AND ABBREVIATIONS
0		A	AMPERES	E-100 E-101	LIGHTING DEMOLITION PLAN - CRAWL SPACE ELECTRICAL POWER DEMOLITION PLAN - LEVEL 1
Q	LIGHTING FIXTURE; WALL MOUNTED LIGHTING FIXTURE, SIZE APPROXIMATELY AS SHOWN;	AF/AS AFF	AMPERE RATING OF FUSE/SWITCH ABOVE FINISHED FLOOR	E-102 E-104	LIGHTING DEMOLITION PLAN - LEVEL 1 ELECTRICAL DEMOLITION PLAN - ROOF
	CEILING MOUNTED	AIC	AMPERES INTERRUPTING CAPACITY	E-200	ELECTRICAL PLAN - CRAWL SPACE
	LIGHTING FIXTURE, SIZE APPROXIMATELY AS SHOWN; WALL MOUNTED	AL	ALUMINUM	E-201 E-202	ELECTRICAL PLAN - LEVEL 1 ELECTRICAL POWER PLAN - ROOF
	LIGHTING FIXTURE CONNECTED TO	AT/AF A/V	AMPERE RATING OF CIRCUIT, BREAKER TRIP/FRAME AUDIO/VISUAL	E-300 E-301	LIGHTING PLAN - CRAWL SPACE LIGHTING PLAN - LEVEL 1
	EMERGENCY POWER SYSTEM	BMS	BUILDING MANAGEMENT SYSTEM	E-501 E-601	ELECTRICAL ONE LINE ELECTRICAL DETAILS
	LIGHTING FIXTURE, CONTINUOUS ROW; CEILING MOUNTED	С	CONDUIT (GENERIC TERM FOR RACEWAY - PROVIDE AS SPECIFIED)	E-701 E-702	ELECTRICAL PANEL SCHEDULES ELECTRICAL LUMINAIRE SCHEDULE
\diamond	LIGHTING FIXTURE, WALL WASHER; CEILING MOUNTED	CATV	CABLE TELEVISION CIRCUIT BREAKER	E-702	ELECTRICAL COMPLIANCE FORMS
$\bigcirc \bigcirc \bigcirc$	-O LIGHTING FIXTURE(S); POLE MOUNTED	СКТ	CIRCUIT	1 1	
		CU DPDT	COPPER DOUBLE POLE DOUBLE THROW		TECHNOLOGY SHEET LIST
<u>2</u> a	LIGHTING FIXTURE SUBSCRIPTS: NUMBER INDICATES CIRCUIT,	DPST	DOUBLE POLE SINGLE THROW	SHEET NUMBER T-101	TECHNOLOGY DEMOLITION PLAN - LEVEL 1
A	LOWERCASE LETTER INDICATES SWITCH CONTROL UPPERCASE LETTER INDICATES FIXTURE TYPE	DWG	DRAWING	T-201 T-501	TECHNOLOGY PLAN - LEVEL 1 TECHNOLOGY RISER & DETAILS
├ ●──●──●	← I LIGHTING TRACK WITH FIXTURES, LENGTH APPROXIMATELY	(E) EC	EXISTING TO REMAIN EMPTY CONDUIT	_	
EXIT SIGNS	AS SHOWN ARROWS AS SHOWN, ILLUMINATED FACE AS INDICATED	ECC	ENGINEER'S CONTROL CENTER	_	
	BT SHADING, CONNECT TO EMERGENCE POWER STSTEM	ELEV		-	
Ž	EXIT SIGN; WALL MOUNTED	EMT EWC	ELECTRICAL METALLIC TUBING ELECTRIC WATER COOLER	-	
	EXIT SIGN; CEILING MOUNTED	FA	FIRE ALARM	1	
P	EXIT SIGN; PENDENT MOUNTED	FCC FP	FIRE CONTROL CENTER FIRE PROTECTION SYSTEM INSTALLER	-	
₿L	EXIT SIGN, LOW LEVEL; RECESSED IN WALL	GC	GENERAL CONTRACTOR	-	
	· · · · · · · · · · · · · · · · · · ·	GFI	GROUND FAULT CIRCUIT INTERRUPTOR		
	LIGHTING DEVICE LEGEND	GFP GND	GROUND FAULT PROTECTOR FOR EQUIPMENT GROUND	-	
¢		HP	HORSEPOWER	-	
\$	LIGHTING CONTROL SWITCH. LOW VOLTAGE, UON	HVAC	HEATING, VENTILATING AND AIR CONDITIONING INSTALLER		
\$ H	ILLUMINATED HANDLE SWITCH	IDF	INTERMEDIATE DISTRIBUTION FRAME ROOM ISOLATED GROUND	-	
\$ к	KEY SWITCH	JB	JUNCTION BOX	-	
\$ T	TIMER SWITCH	KCMIL	THOUSAND CIRCULAR MILS		
\$os	OCCUPANCY SENSOR SWITCH	KVA KW	KILD-VOLT AMPERE KILD-WATT	-	
PC	PHOTOCELL	LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND	1	
<u> </u>	OCCUPANCY SENSOR; WALL MOUNTED	LTG		4	
		MCB MCP	MAIN CIRCUIT BREAKER MOTOR CIRCUIT PROTECTOR	-	
	OCCUPANCY SENSOR; CEILING MOUNTED	MDF	MAIN DISTRIBUTION FRAME ROOM		
Ĭ	OCCUPANCY SENSOR; WALL MOUNTED	MDP		4	
©§	OCCUPANCY SENSOR; CEILING MOUNTED	MIC	MINERAL INSULATED CABLE MAIN LUGS ONLY	-	
L (S)	VACANCY SENSOR; WALL MOUNTED	MTD	MOUNTED	1	
 V3	VACANCY SENSOR; CEILING MOUNTED	MTG MTS	MOUNTING MANUAL TRANSFER SWITCH	-	
2S	2-BUTTON LOW-VOLTAGE WALL SWITCH	(N)	NEW	-	
	2-BUTTON LOW-VOLTAGE WALL-MOUNTED DIMMING SCENE SELECTOR	NIC	NOT IN CONTACT		
4S		NC NO	NORMALLY CLOSED	-	
	4-BUTTON LOW-VOLTAGE WALL SWITCH 4-BUTTON LOW-VOLTAGE WALL-MOUNTED DIMMING SCENE SELECTOR	NTS	NOT TO SCALE	1	
4D	WITH RAISE/LOWER	P	POLE	4	
DZC	DIMMING ZONE CONTROLLER, RECESSED IN WALL	PB PH	PULL BOX PHASE	-	
		PL	PLUMBING SYSTEM INSTALLER	1	
		PVC PWR	POLYVINYL CHLORIDE CONDUIT POWER	-	
		(R)	EXISTING TO BE RELOCATED	-	
		RAC	RIGID ALUMINUM CONDUIT	1	
		RGS	RIGID GALVANIZED STEEL	-	
		RSC SCC	RIGID STEEL CONDUIT SECURITY CONTROL CENTER	1	
		SN	SOLID NEUTRAL]	
		SPDT SPST	SINGLE POLE DOUBLE THROW SINGLE POLE SINGLE THROW	-	
		ТВ	TELECOM BACKBOARD	1	
		TEL	TELECOM		
		TI TVSS	TENANT INTERIOR TRANSIENT VOLTAGE SURGE SUPPRESSION	-	
		TYP	TYPICAL	-	
		UON	UNLESS OTHERWISE NOTED		
		UPS WP	UNINTERRUPTIBLE POWER SUPPLY WEATHERPROOF	-	
		WP	WATERTIGHT	-	
		(X)	EXISTING TO BE REMOVED		
		XP	EXPLOSION PROOF		

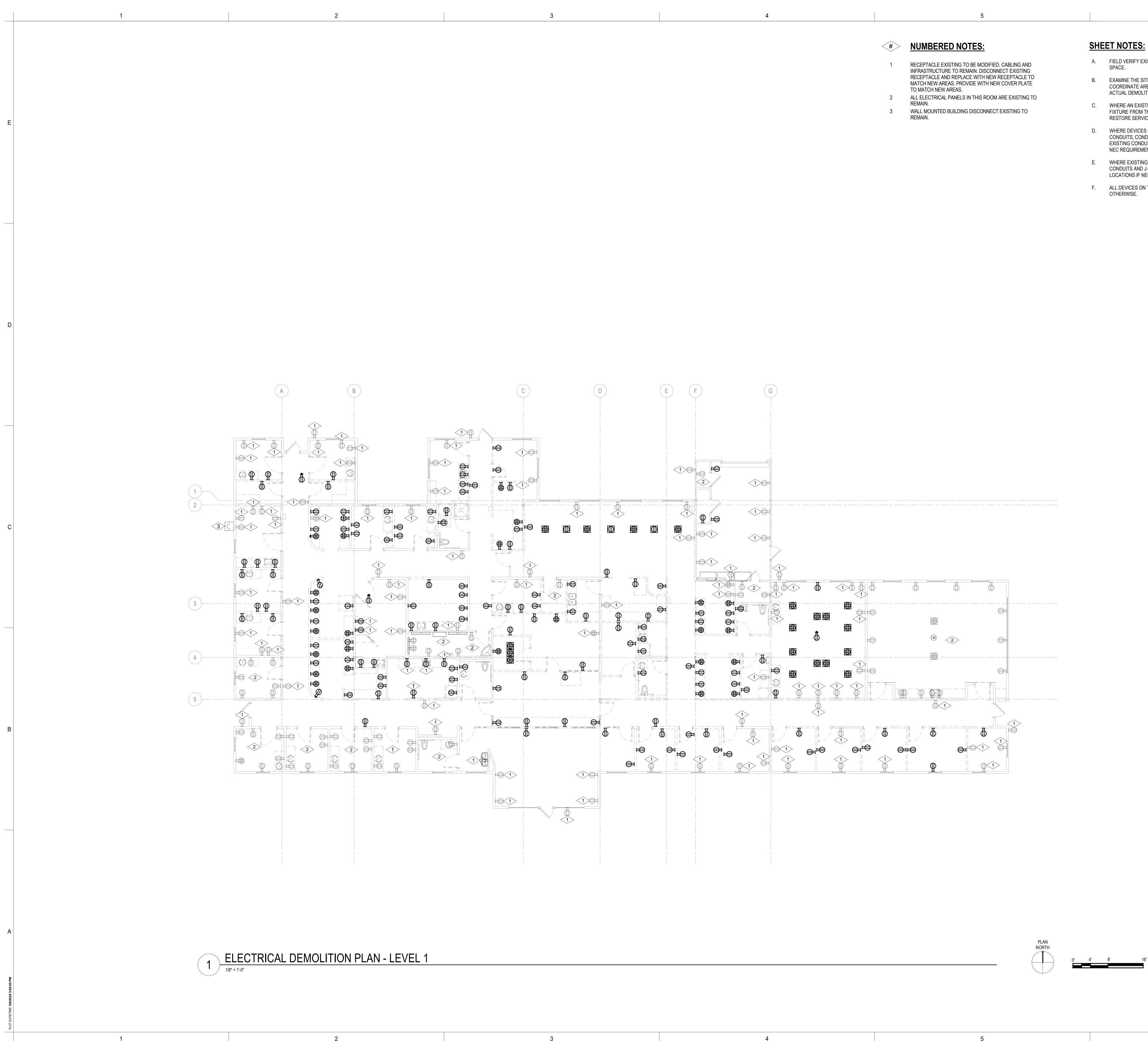




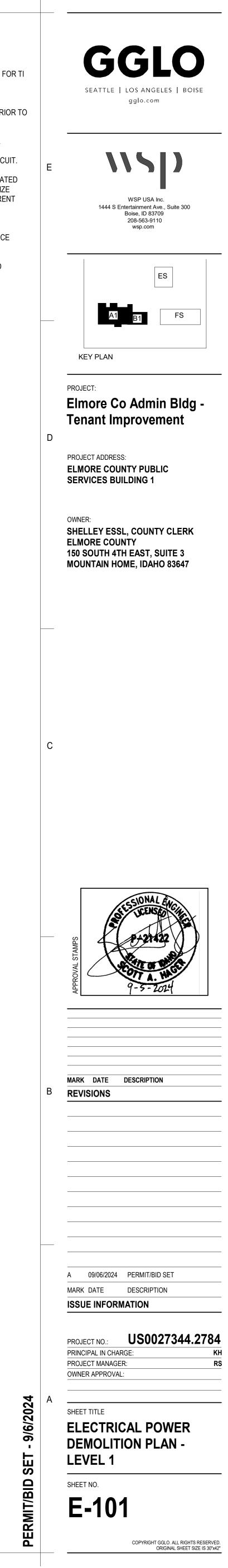


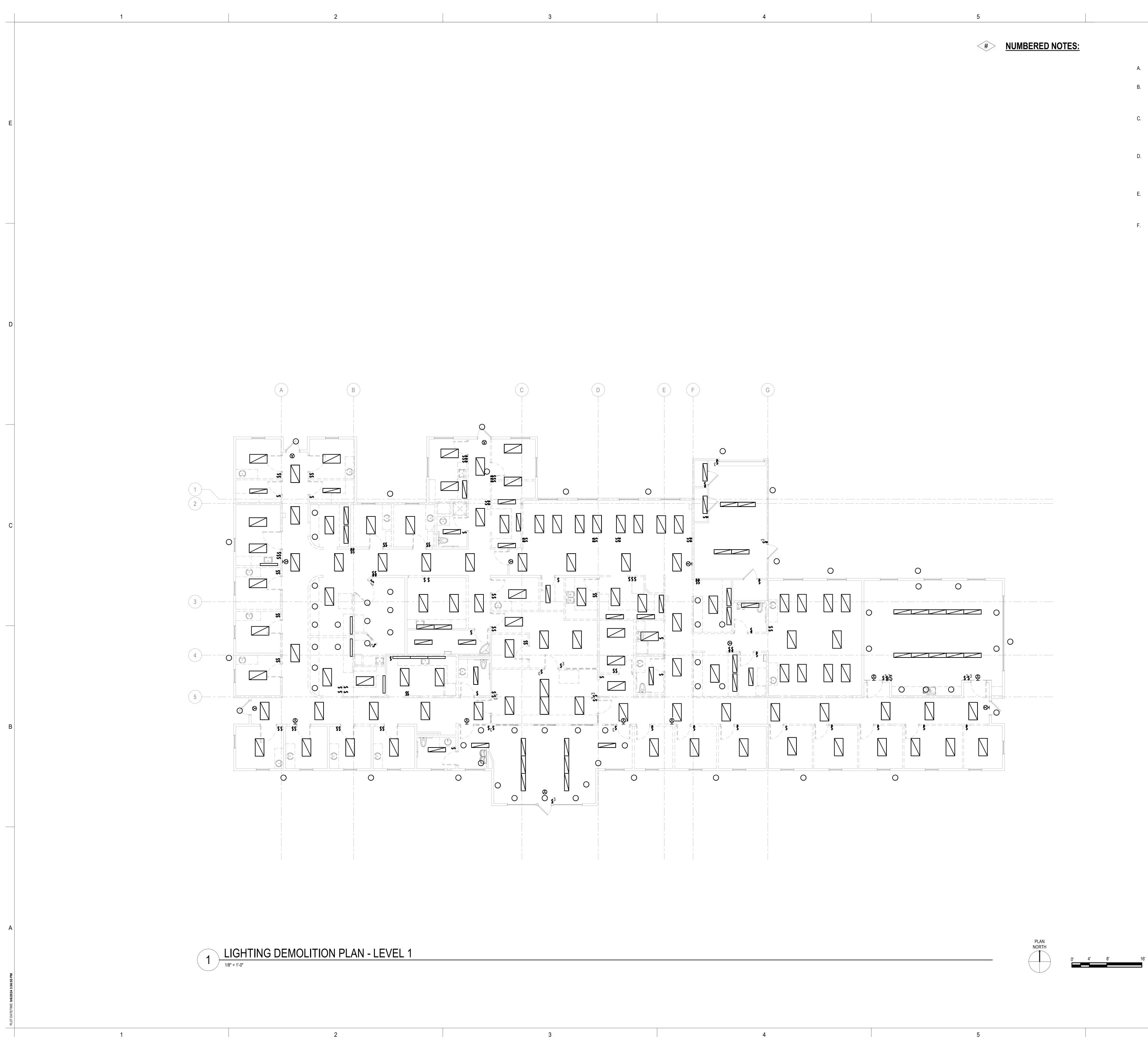
- A. FIELD VERIFY EXISTING CONDITIONS AND IDENTIFY THE CIRCUITS AVAILABLE FOR TI
- B. EXAMINE THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO WORK. COORDINATE AREAS OF DEMOLITION WITH ARCHITECT/ENGINEER IN FIELD PRIOR TO
- WHERE AN EXISTING CIRCUIT IS INTERRUPTED BY REMOVAL OF A DEVICE OR FIXTURE FROM THAT CIRCUIT, PROVIDE ADDITIONAL CONDUIT AND WIRE TO RESTORE SERVICE TO THE REMAINING DEVICES AND FIXTURES ON THAT CIRCUIT.
- WHERE DEVICES OR EQUIPMENT ARE TO BE REMOVED, REMOVE ALL ASSOCIATED CONDUITS, CONDUCTORS J-BOXES AND SUPPORTS. CONTRACTOR MAY UTILIZE EXISTING CONDUIT TO ROUTE NEW WIRE PROVIDED IT COMPLIES WITH CURRENT
- WHERE EXISTING DEVICES ARE TO REMAIN BRANCH CIRCUIT CONDUCTORS, CONDUITS AND J-BOXES SHALL REMAIN AS IS. EXTEND CIRCUIT TO NEW DEVICE



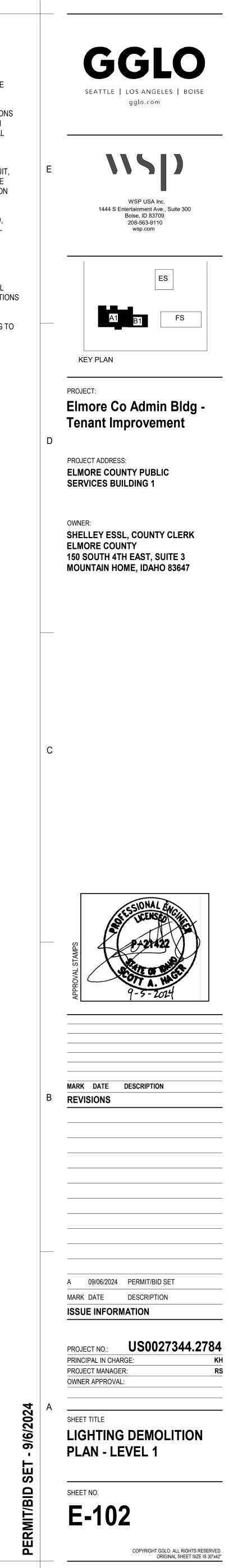


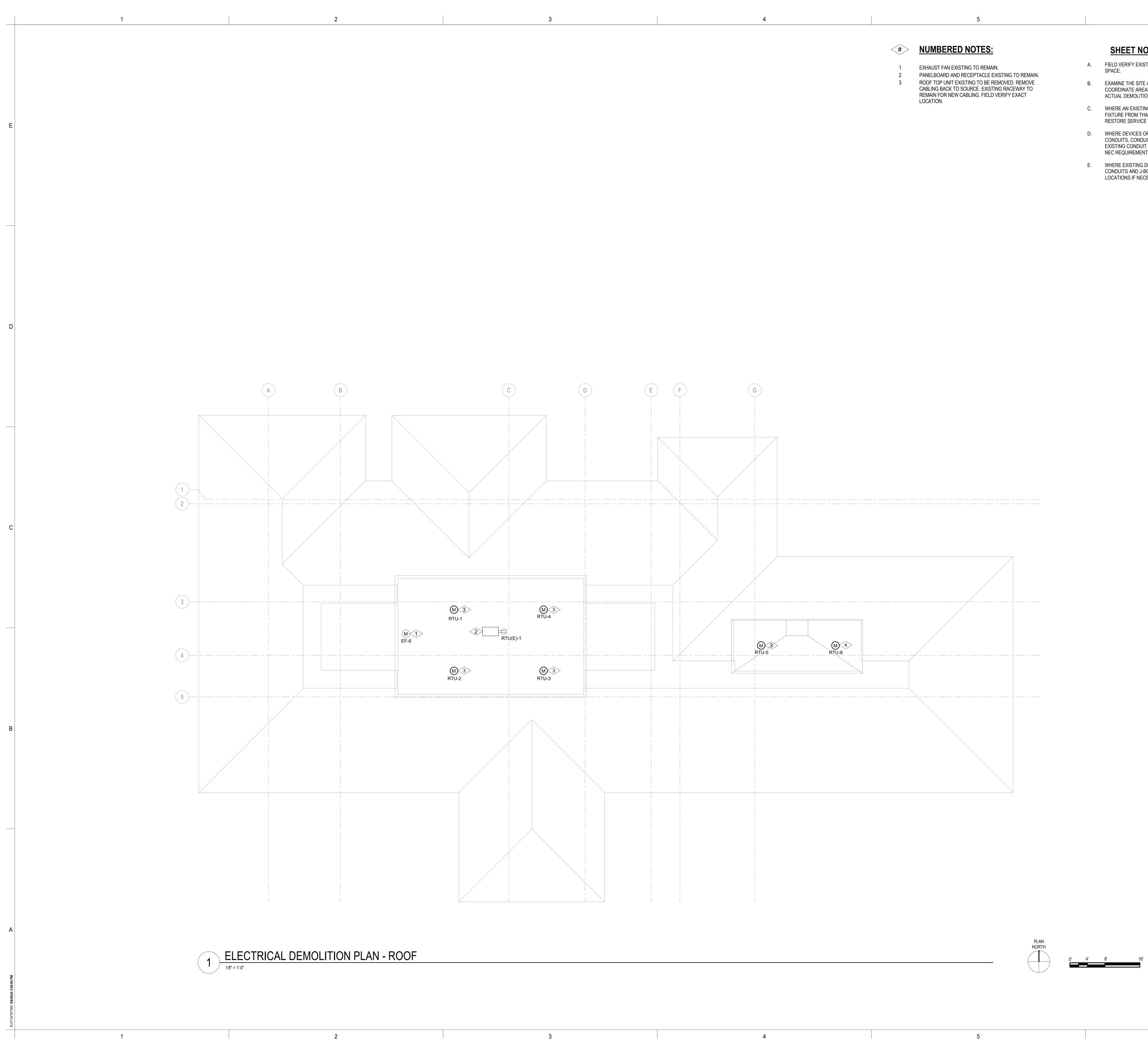
- A. FIELD VERIFY EXISTING CONDITIONS AND IDENTIFY THE CIRCUITS AVAILABLE FOR TI
- B. EXAMINE THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO WORK. COORDINATE AREAS OF DEMOLITION WITH ARCHITECT/ENGINEER IN FIELD PRIOR TO ACTUAL DEMOLITION.
- C. WHERE AN EXISTING CIRCUIT IS INTERRUPTED BY REMOVAL OF A DEVICE OR FIXTURE FROM THAT CIRCUIT, PROVIDE ADDITIONAL CONDUIT AND WIRE TO RESTORE SERVICE TO THE REMAINING DEVICES AND FIXTURES ON THAT CIRCUIT.
- D. WHERE DEVICES OR EQUIPMENT ARE TO BE REMOVED, REMOVE ALL ASSOCIATED CONDUITS, CONDUCTORS J-BOXES AND SUPPORTS. CONTRACTOR MAY UTILIZE EXISTING CONDUIT TO ROUTE NEW WIRE PROVIDED IT COMPLIES WITH CURRENT NEC REQUIREMENT.
- E. WHERE EXISTING DEVICES ARE TO REMAIN BRANCH CIRCUIT CONDUCTORS, CONDUITS AND J-BOXES SHALL REMAIN AS IS. EXTEND CIRCUIT TO NEW DEVICE LOCATIONS IF NECESSARY.
- F. ALL DEVICES ON THIS SHEET ARE EXISITING TO BE REMOVED, UNLESS NOTED





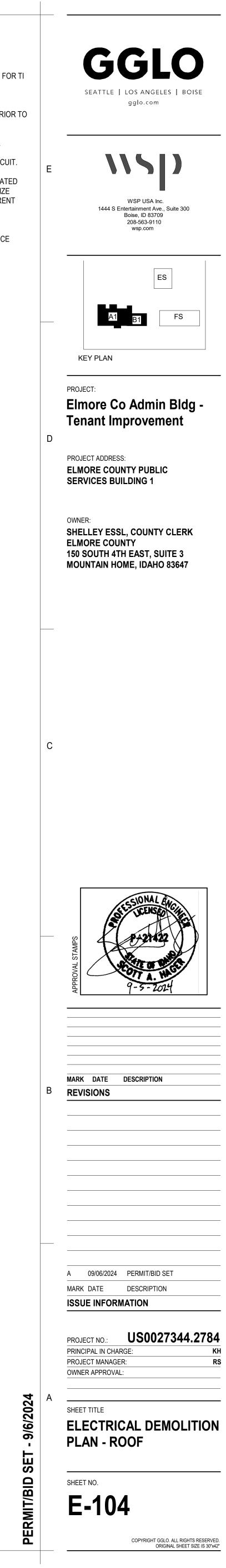
- A. FIELD VERIFY EXISTING CONDITIONS AND IDENTIFY THE CIRCUITS AVAILABLE FOR TI SPACE.
- B. EXAMINE THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO WORK. COORDINATE AREAS OF DEMOLITION WITH ARCHITECT/ENGINEER IN FIELD PRIOR TO ACTUAL DEMOLITION.
- WHERE AN EXISTING CIRCUIT IS INTERRUPTED BY REMOVAL OF A DEVICE OR FIXTURE FROM THAT CIRCUIT, PROVIDE ADDITIONAL CONDUIT AND WIRE TO RESTORE SERVICE TO THE REMAINING DEVICES AND FIXTURES ON THAT CIRCUIT.
- WHERE DEVICES OR EQUIPMENT ARE TO BE REMOVED, REMOVE ALL ASSOCIATED CONDUITS, CONDUCTORS J-BOXES AND SUPPORTS. CONTRACTOR MAY UTILIZE EXISTING CONDUIT TO ROUTE NEW WIRE PROVIDED IT COMPLIES WITH CURRENT NEC REQUIREMENT.
- WHERE EXISTING DEVICES ARE TO REMAIN BRANCH CIRCUIT CONDUCTORS, CONDUITS AND J-BOXES SHALL REMAIN AS IS. EXTEND CIRCUIT TO NEW DEVICE LOCATIONS IF NECESSARY.
- F. ALL LIGHTING FIXTURES AND CONTROLS ARE EXISTING TO BE REMOVED, UNLESS NOTED OTHERWISE.

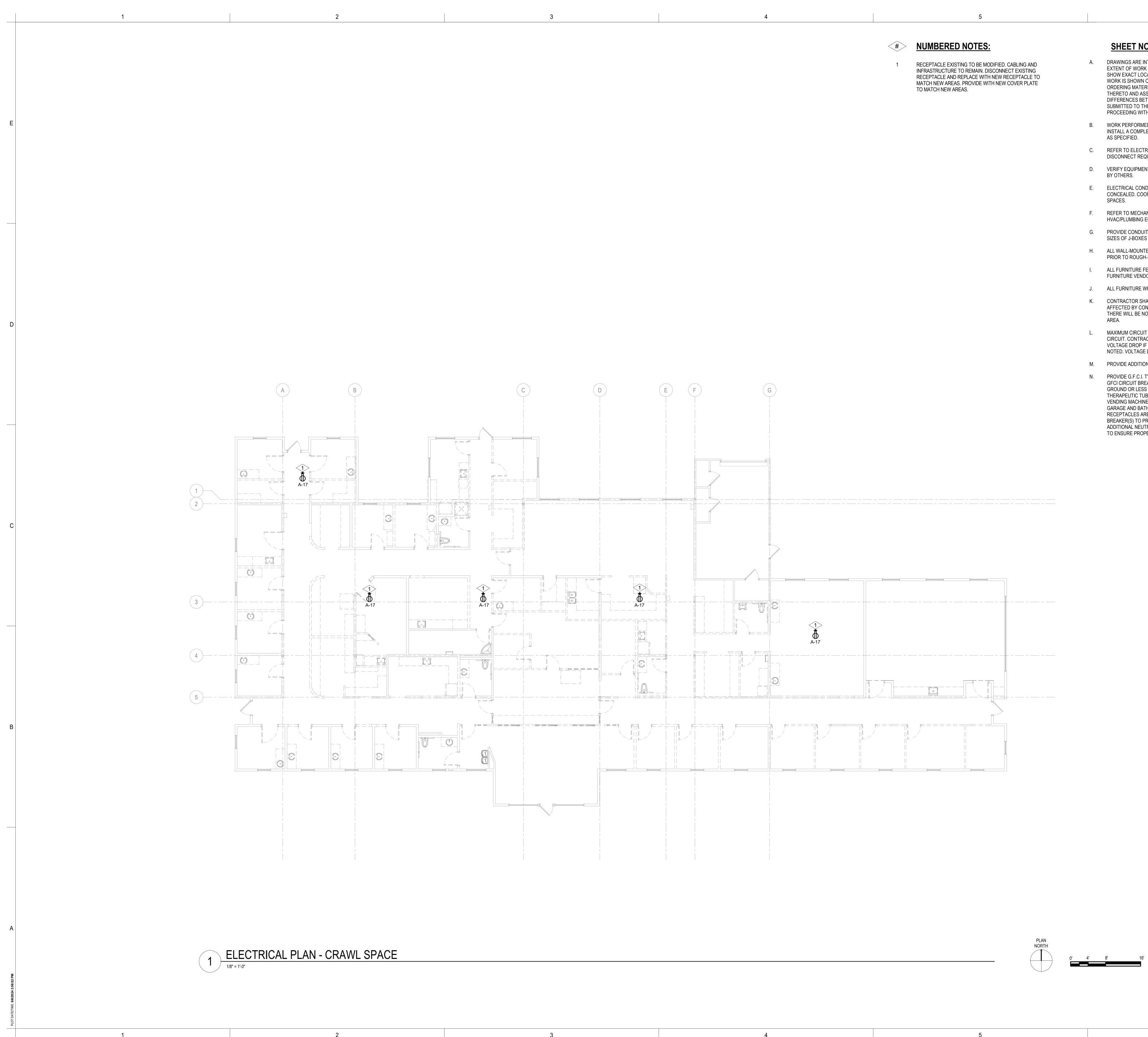




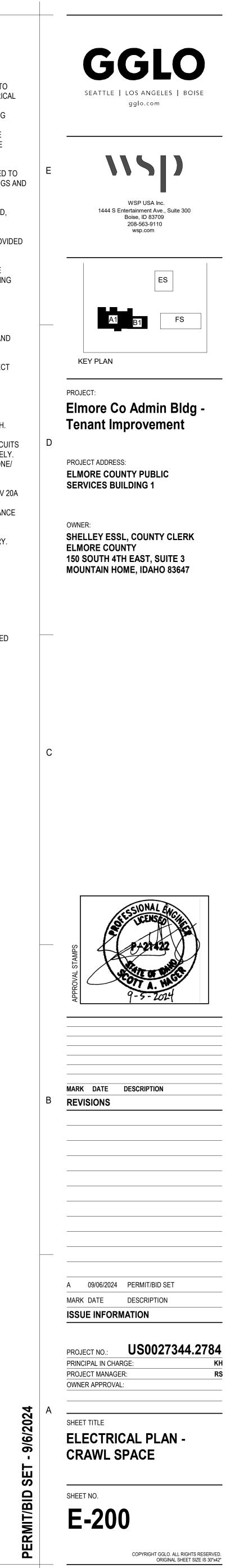


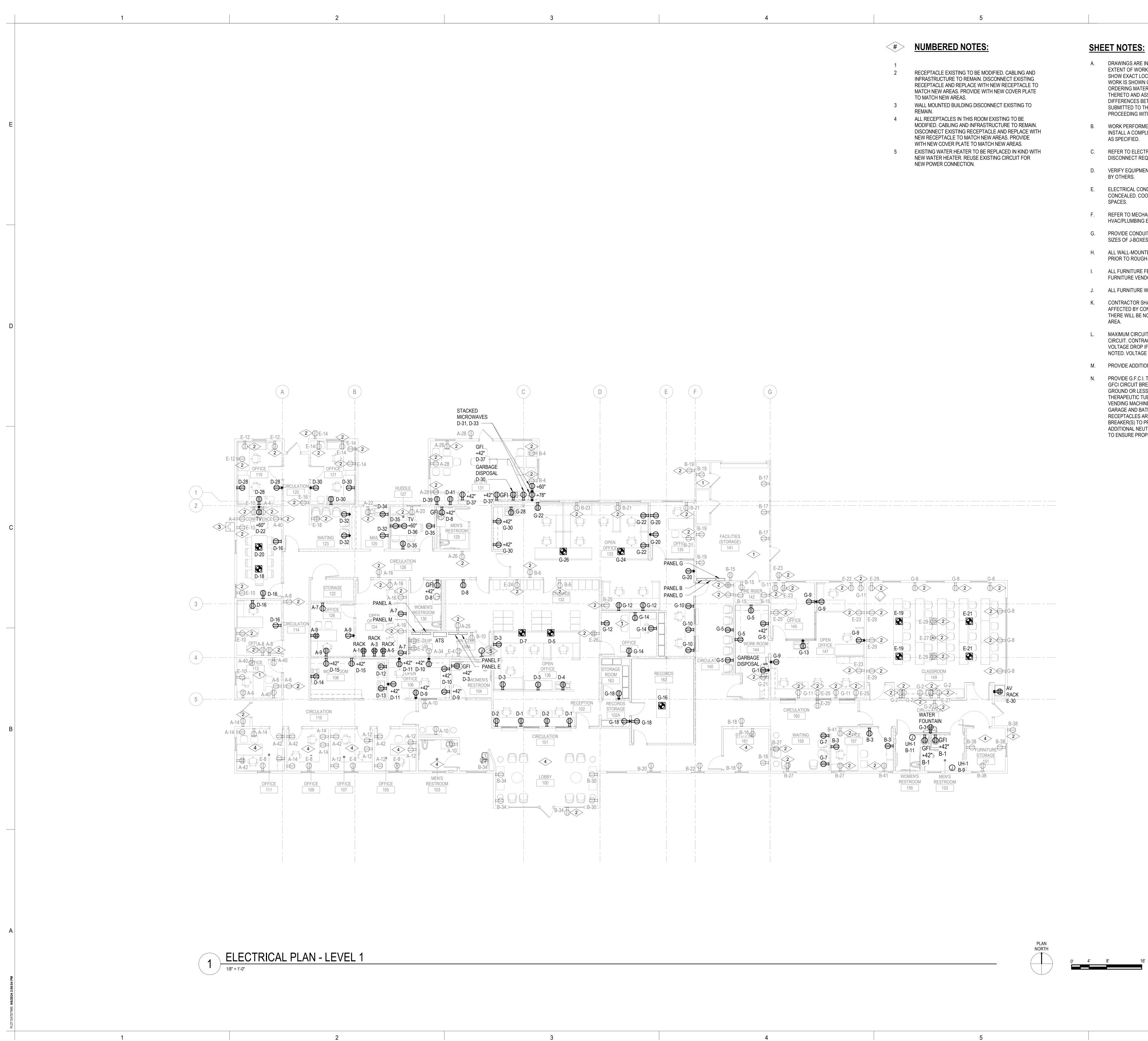
- A. FIELD VERIFY EXISTING CONDITIONS AND IDENTIFY THE CIRCUITS AVAILABLE FOR TI
- B. EXAMINE THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO WORK. COORDINATE AREAS OF DEMOLITION WITH ARCHITECT/ENGINEER IN FIELD PRIOR TO ACTUAL DEMOLITION.
- C. WHERE AN EXISTING CIRCUIT IS INTERRUPTED BY REMOVAL OF A DEVICE OR FIXTURE FROM THAT CIRCUIT, PROVIDE ADDITIONAL CONDUIT AND WIRE TO RESTORE SERVICE TO THE REMAINING DEVICES AND FIXTURES ON THAT CIRCUIT.
- D. WHERE DEVICES OR EQUIPMENT ARE TO BE REMOVED, REMOVE ALL ASSOCIATED CONDUITS, CONDUCTORS J-BOXES AND SUPPORTS. CONTRACTOR MAY UTILIZE EXISTING CONDUIT TO ROUTE NEW WIRE PROVIDED IT COMPLIES WITH CURRENT NEC REQUIREMENT.
- E. WHERE EXISTING DEVICES ARE TO REMAIN BRANCH CIRCUIT CONDUCTORS, CONDUITS AND J-BOXES SHALL REMAIN AS IS. EXTEND CIRCUIT TO NEW DEVICE LOCATIONS IF NECESSARY.



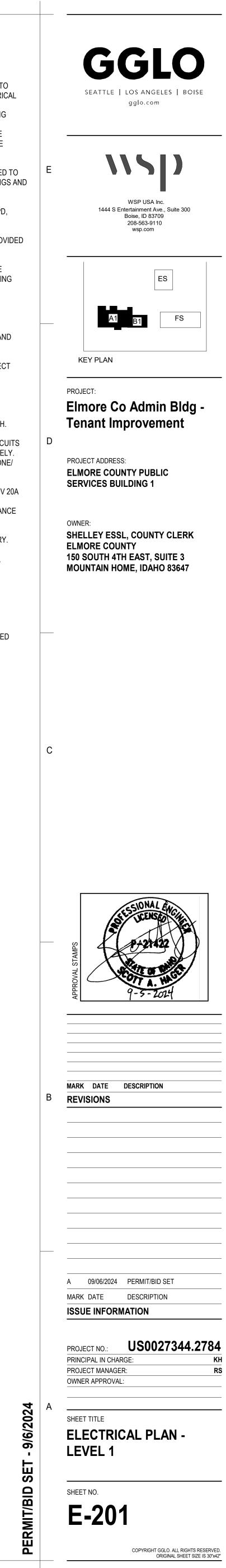


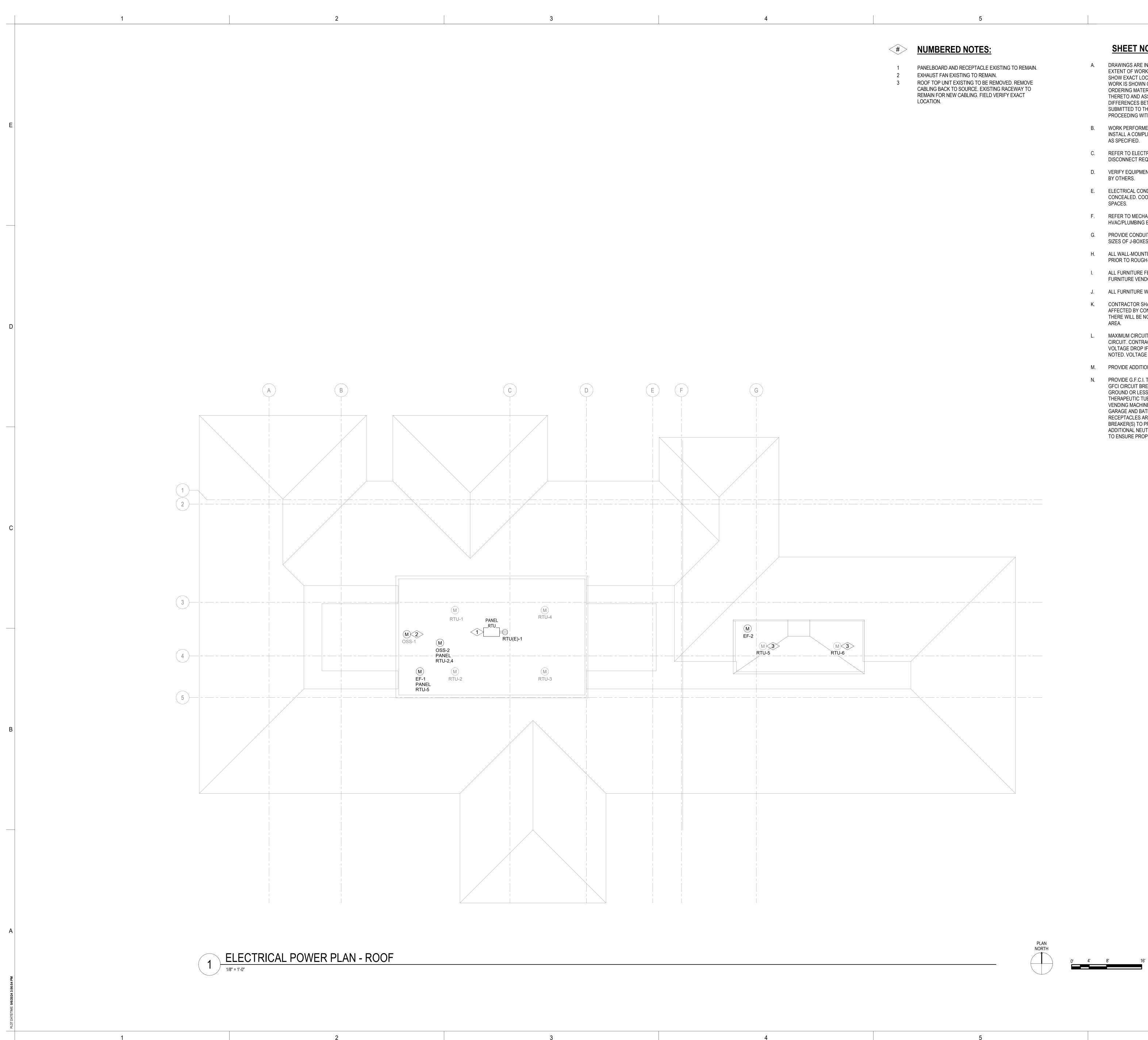
- A. DRAWINGS ARE INTENDED TO SHOW GENERAL ARRANGEMENT, DESIGN, AND EXTENT OF WORK AND ARE DIAGRAMMATIC. DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS EXCEPT WHERE DIMENSIONS ARE SHOWN. ELECTRICAL WORK IS SHOWN ON PLANS USING STANDARD INDUSTRY SYMBOLS. BEFORE ORDERING MATERIALS OR DOING WORK, VERIFY MEASUREMENTS PERTAINING THERETO AND ASSUME RESPONSIBILITY THEREFOR. ANY SUBSTANTIAL DIFFERENCES BETWEEN DRAWINGS AND CONDITIONS IN THE FIELD SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR CONSIDERATION BEFORE PROCEEDING WITH WORK.
- B. WORK PERFORMED INCLUDES LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON THESE DRAWINGS AND
- C. REFER TO ELECTRICAL CONNECTION SCHEDULE FOR CONDUIT, WIRING, COPD, DISCONNECT REQUIREMENTS.
- D. VERIFY EQUIPMENT SIZES AND POWER REQUIREMENTS FOR EQUIPMENT PROVIDED
- E. ELECTRICAL CONDUITS AND JUNCTION BOXES IN FINISHED SPACES SHALL BE CONCEALED. COORDINATE WITH OTHER TRADES AND USE CHASES AND CEILING
- F. REFER TO MECHANICAL AND PLUMBING PLANS FOR EXACT LOCATION OF HVAC/PLUMBING EQUIPMENT.
- G. PROVIDE CONDUIT, WIRE AND J-BOXES FOR CIRCUITING SHOWN. QUANTITY AND SIZES OF J-BOXES TO BE DETERMINED BY CONTRACTOR.
- H. ALL WALL-MOUNTED DEVICE HEIGHTS SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- I. ALL FURNITURE FEED LOCATIONS TO BE VERIFIED WITH ARCHITECT AND FURNITURE VENDOR PRIOR TO ROUGH-IN.
- ALL FURNITURE WHIPS SHALL BE TRIMMED TO REDUCE EXCESS WHIP LENGTH.
- K. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY ELECTRICAL CIRCUITS AFFECTED BY CONSTRUCTION. SUCH CIRCUITS WILL BE REPAIRED IMMEDIATELY. THERE WILL BE NO DISRUPTION OF SERVICE OUTSIDE OF CONSTRUCTION ZONE/
- MAXIMUM CIRCUIT DISTANCE WITH #12AWG COPPER WIRE IS 47FT, FOR A 120V 20A CIRCUIT. CONTRACTOR TO UPSIZE WIRES ACCORDINGLY TO ACCOMMODATE VOLTAGE DROP IF CIRCUIT DISTANCE EXCEEDS THE MAXIMUM CIRCUIT DISTANCE NOTED. VOLTAGE DROP SHALL NOT EXCEED 3%.
- M. PROVIDE ADDITIONAL J-BOX NEAR PANEL FOR MULTIPLE HOMERUN CIRCUITRY. N. PROVIDE G.F.C.I. TYPE RECEPTACLE(S) OR RECEPTACLE(S) PROTECTED BY A GFCI CIRCUIT BREAKER(S) WHEN RECEPTACLES ARE 50A OR LESS, 150V TO GROUND OR LESS AND ARE LOCATED WITHIN 6-FEET OF ANY SINK OR THERAPEUTIC TUB, LAUNDRY AREA, SERVING ANY DRINKING FOUNTAIN OR VENDING MACHINE, WITHIN ANY KITCHEN SPACE, LOCKER ROOM AREA, GARAGE AND BATHROOM SPACE AND/OR LOCATED OUTDOORS. WHERE RECEPTACLES ARE NOT READILY ACCESSIBLE, PROVIDE GFCI CIRCUIT BREAKER(S) TO PROTECT THE RESPECTIVE BRANCH CIRCUIT AND PROVIDE ADDITIONAL NEUTRAL CONDUCTORS IN THE BRANCH CIRCUITING AS REQUIRED TO ENSURE PROPER GFCI FUNCTION.





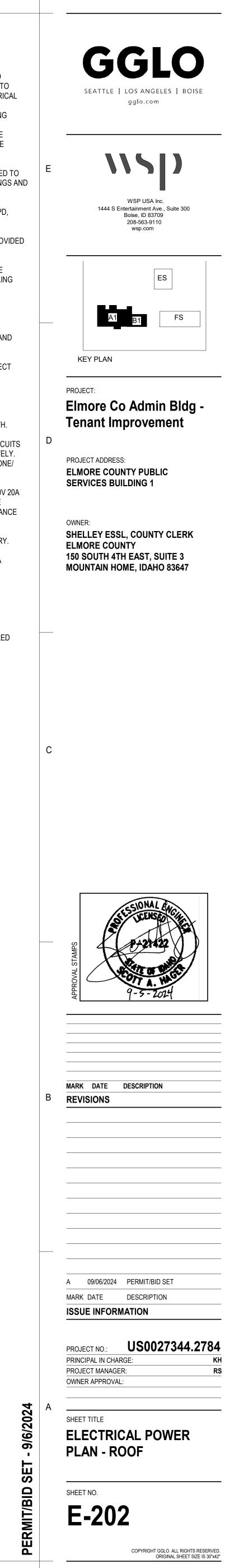
- A. DRAWINGS ARE INTENDED TO SHOW GENERAL ARRANGEMENT, DESIGN, AND EXTENT OF WORK AND ARE DIAGRAMMATIC. DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS EXCEPT WHERE DIMENSIONS ARE SHOWN. ELECTRICAL WORK IS SHOWN ON PLANS USING STANDARD INDUSTRY SYMBOLS. BEFORE ORDERING MATERIALS OR DOING WORK, VERIFY MEASUREMENTS PERTAINING THERETO AND ASSUME RESPONSIBILITY THEREFOR, ANY SUBSTANTIAL DIFFERENCES BETWEEN DRAWINGS AND CONDITIONS IN THE FIELD SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR CONSIDERATION BEFORE PROCEEDING WITH WORK.
- WORK PERFORMED INCLUDES LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON THESE DRAWINGS AND
- C. REFER TO ELECTRICAL CONNECTION SCHEDULE FOR CONDUIT, WIRING, COPD, DISCONNECT REQUIREMENTS.
- D. VERIFY EQUIPMENT SIZES AND POWER REQUIREMENTS FOR EQUIPMENT PROVIDED
- ELECTRICAL CONDUITS AND JUNCTION BOXES IN FINISHED SPACES SHALL BE CONCEALED. COORDINATE WITH OTHER TRADES AND USE CHASES AND CEILING
- F. REFER TO MECHANICAL AND PLUMBING PLANS FOR EXACT LOCATION OF HVAC/PLUMBING EQUIPMENT.
- G. PROVIDE CONDUIT, WIRE AND J-BOXES FOR CIRCUITING SHOWN. QUANTITY AND SIZES OF J-BOXES TO BE DETERMINED BY CONTRACTOR.
- H. ALL WALL-MOUNTED DEVICE HEIGHTS SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- I. ALL FURNITURE FEED LOCATIONS TO BE VERIFIED WITH ARCHITECT AND FURNITURE VENDOR PRIOR TO ROUGH-IN.
- ALL FURNITURE WHIPS SHALL BE TRIMMED TO REDUCE EXCESS WHIP LENGTH.
- K. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY ELECTRICAL CIRCUITS AFFECTED BY CONSTRUCTION. SUCH CIRCUITS WILL BE REPAIRED IMMEDIATELY. THERE WILL BE NO DISRUPTION OF SERVICE OUTSIDE OF CONSTRUCTION ZONE/
- MAXIMUM CIRCUIT DISTANCE WITH #12AWG COPPER WIRE IS 47FT, FOR A 120V 20A CIRCUIT. CONTRACTOR TO UPSIZE WIRES ACCORDINGLY TO ACCOMMODATE VOLTAGE DROP IF CIRCUIT DISTANCE EXCEEDS THE MAXIMUM CIRCUIT DISTANCE NOTED. VOLTAGE DROP SHALL NOT EXCEED 3%.
- M. PROVIDE ADDITIONAL J-BOX NEAR PANEL FOR MULTIPLE HOMERUN CIRCUITRY. N. PROVIDE G.F.C.I. TYPE RECEPTACLE(S) OR RECEPTACLE(S) PROTECTED BY A GFCI CIRCUIT BREAKER(S) WHEN RECEPTACLES ARE 50A OR LESS, 150V TO GROUND OR LESS AND ARE LOCATED WITHIN 6-FEET OF ANY SINK OR THERAPEUTIC TUB, LAUNDRY AREA, SERVING ANY DRINKING FOUNTAIN OR VENDING MACHINE, WITHIN ANY KITCHEN SPACE, LOCKER ROOM AREA, GARAGE AND BATHROOM SPACE AND/OR LOCATED OUTDOORS. WHERE RECEPTACLES ARE NOT READILY ACCESSIBLE, PROVIDE GFCI CIRCUIT BREAKER(S) TO PROTECT THE RESPECTIVE BRANCH CIRCUIT AND PROVIDE ADDITIONAL NEUTRAL CONDUCTORS IN THE BRANCH CIRCUITING AS REQUIRED TO ENSURE PROPER GFCI FUNCTION.

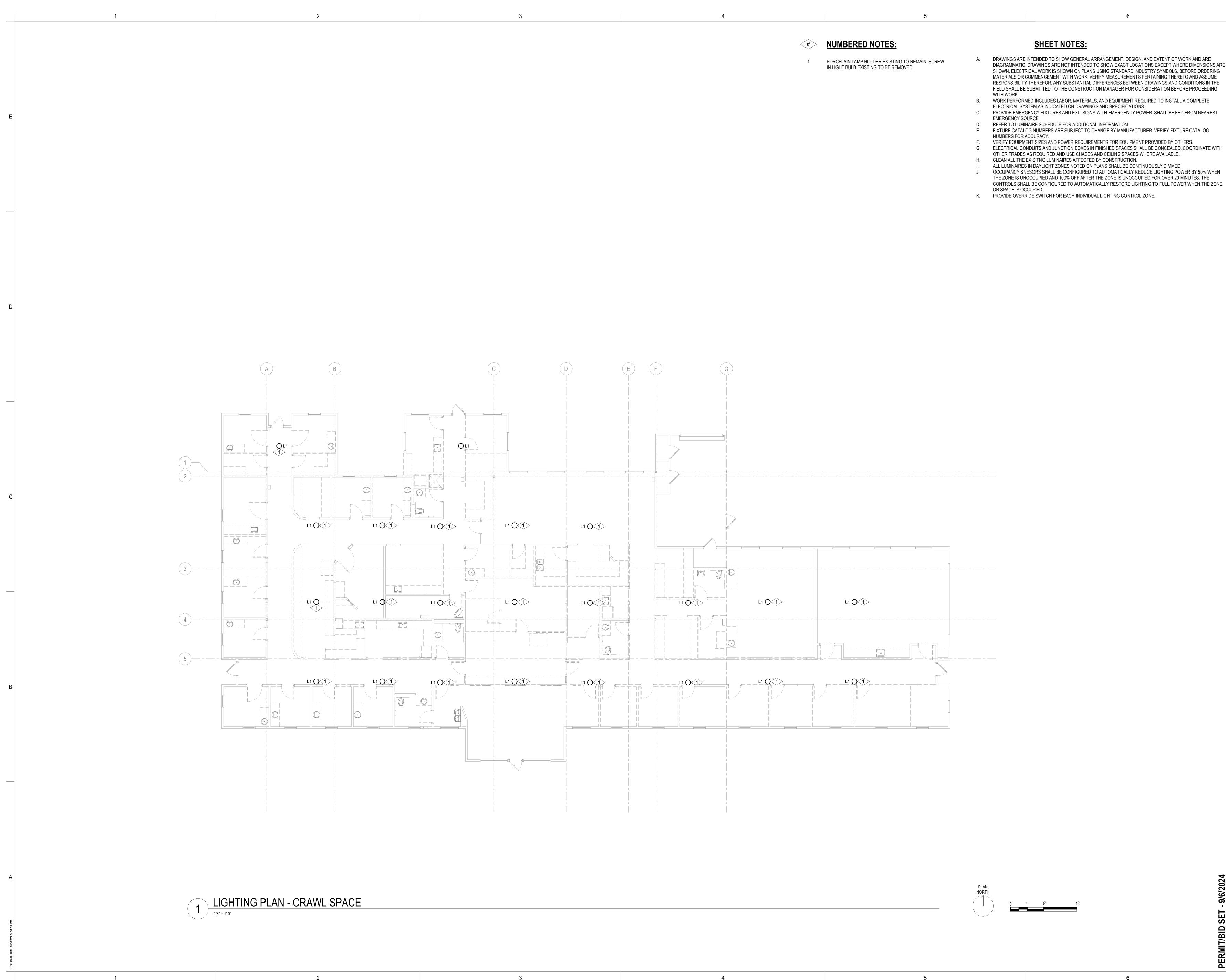




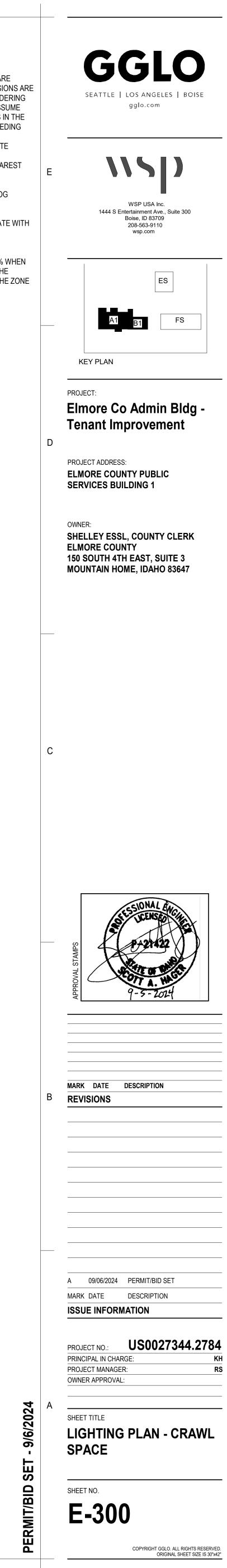
- DRAWINGS ARE INTENDED TO SHOW GENERAL ARRANGEMENT, DESIGN, AND EXTENT OF WORK AND ARE DIAGRAMMATIC. DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS EXCEPT WHERE DIMENSIONS ARE SHOWN. ELECTRICAL WORK IS SHOWN ON PLANS USING STANDARD INDUSTRY SYMBOLS. BEFORE ORDERING MATERIALS OR DOING WORK, VERIFY MEASUREMENTS PERTAINING THERETO AND ASSUME RESPONSIBILITY THEREFOR. ANY SUBSTANTIAL DIFFERENCES BETWEEN DRAWINGS AND CONDITIONS IN THE FIELD SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR CONSIDERATION BEFORE PROCEEDING WITH WORK.
- WORK PERFORMED INCLUDES LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON THESE DRAWINGS AND
- REFER TO ELECTRICAL CONNECTION SCHEDULE FOR CONDUIT, WIRING, COPD, DISCONNECT REQUIREMENTS.
- VERIFY EQUIPMENT SIZES AND POWER REQUIREMENTS FOR EQUIPMENT PROVIDED
- ELECTRICAL CONDUITS AND JUNCTION BOXES IN FINISHED SPACES SHALL BE CONCEALED. COORDINATE WITH OTHER TRADES AND USE CHASES AND CEILING
- F. REFER TO MECHANICAL AND PLUMBING PLANS FOR EXACT LOCATION OF HVAC/PLUMBING EQUIPMENT.
- PROVIDE CONDUIT, WIRE AND J-BOXES FOR CIRCUITING SHOWN. QUANTITY AND SIZES OF J-BOXES TO BE DETERMINED BY CONTRACTOR.
- H. ALL WALL-MOUNTED DEVICE HEIGHTS SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- ALL FURNITURE FEED LOCATIONS TO BE VERIFIED WITH ARCHITECT AND FURNITURE VENDOR PRIOR TO ROUGH-IN.
- ALL FURNITURE WHIPS SHALL BE TRIMMED TO REDUCE EXCESS WHIP LENGTH.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY ELECTRICAL CIRCUITS AFFECTED BY CONSTRUCTION. SUCH CIRCUITS WILL BE REPAIRED IMMEDIATELY. THERE WILL BE NO DISRUPTION OF SERVICE OUTSIDE OF CONSTRUCTION ZONE/
- MAXIMUM CIRCUIT DISTANCE WITH #12AWG COPPER WIRE IS 47FT, FOR A 120V 20A CIRCUIT. CONTRACTOR TO UPSIZE WIRES ACCORDINGLY TO ACCOMMODATE VOLTAGE DROP IF CIRCUIT DISTANCE EXCEEDS THE MAXIMUM CIRCUIT DISTANCE NOTED. VOLTAGE DROP SHALL NOT EXCEED 3%.
- PROVIDE ADDITIONAL J-BOX NEAR PANEL FOR MULTIPLE HOMERUN CIRCUITRY.
- N. PROVIDE G.F.C.I. TYPE RECEPTACLE(S) OR RECEPTACLE(S) PROTECTED BY A GFCI CIRCUIT BREAKER(S) WHEN RECEPTACLES ARE 50A OR LESS, 150V TO GROUND OR LESS AND ARE LOCATED WITHIN 6-FEET OF ANY SINK OR THERAPEUTIC TUB, LAUNDRY AREA, SERVING ANY DRINKING FOUNTAIN OR VENDING MACHINE, WITHIN ANY KITCHEN SPACE, LOCKER ROOM AREA, GARAGE AND BATHROOM SPACE AND/OR LOCATED OUTDOORS. WHERE RECEPTACLES ARE NOT READILY ACCESSIBLE, PROVIDE GFCI CIRCUIT BREAKER(S) TO PROTECT THE RESPECTIVE BRANCH CIRCUIT AND PROVIDE ADDITIONAL NEUTRAL CONDUCTORS IN THE BRANCH CIRCUITING AS REQUIRED TO ENSURE PROPER GFCI FUNCTION.

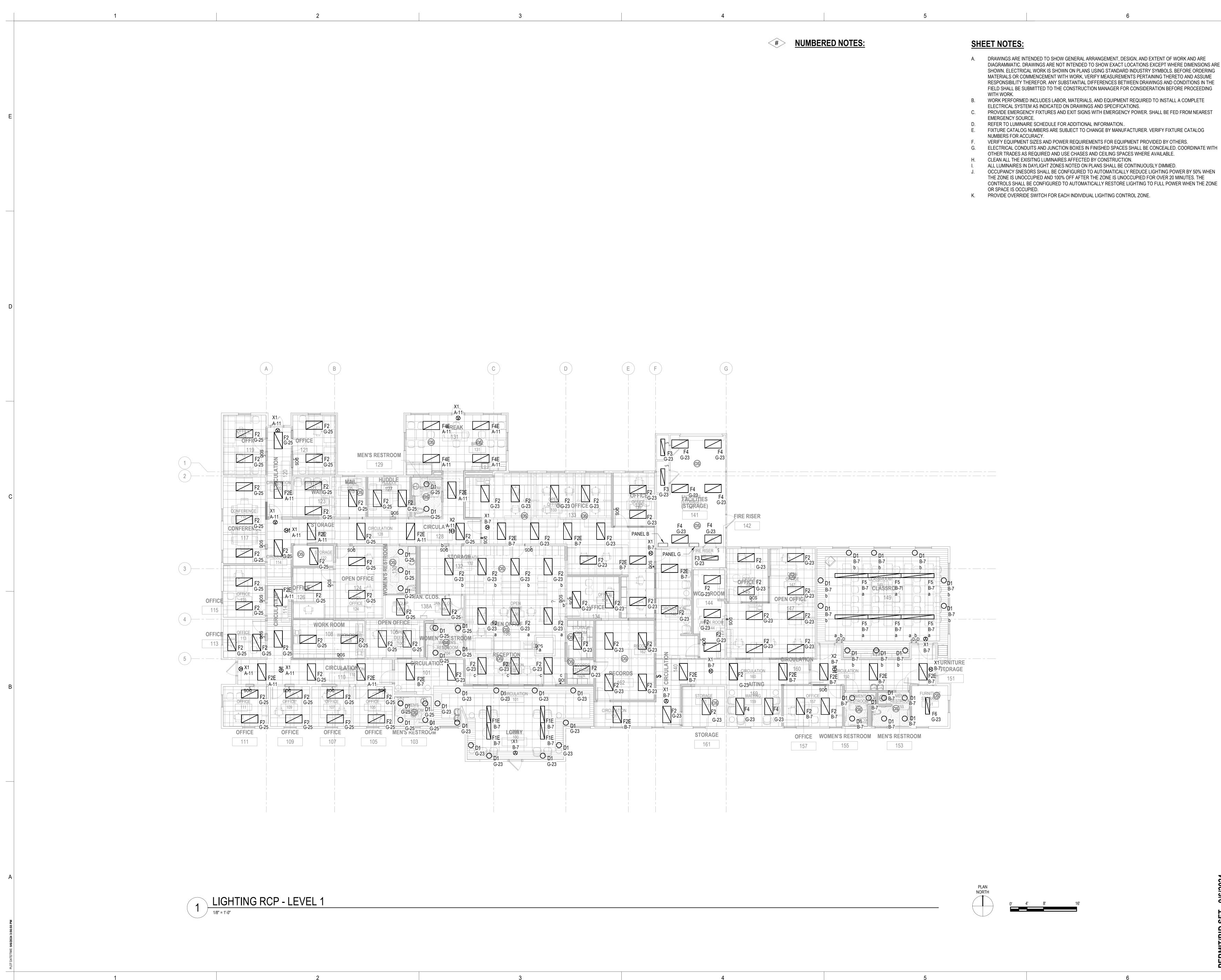




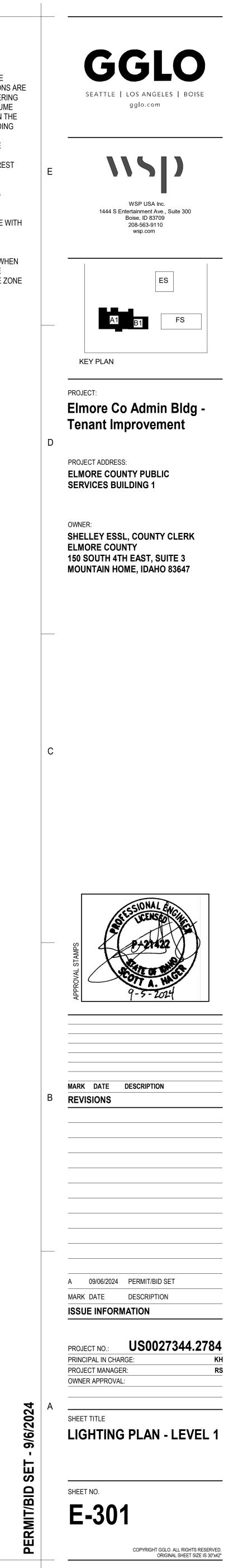


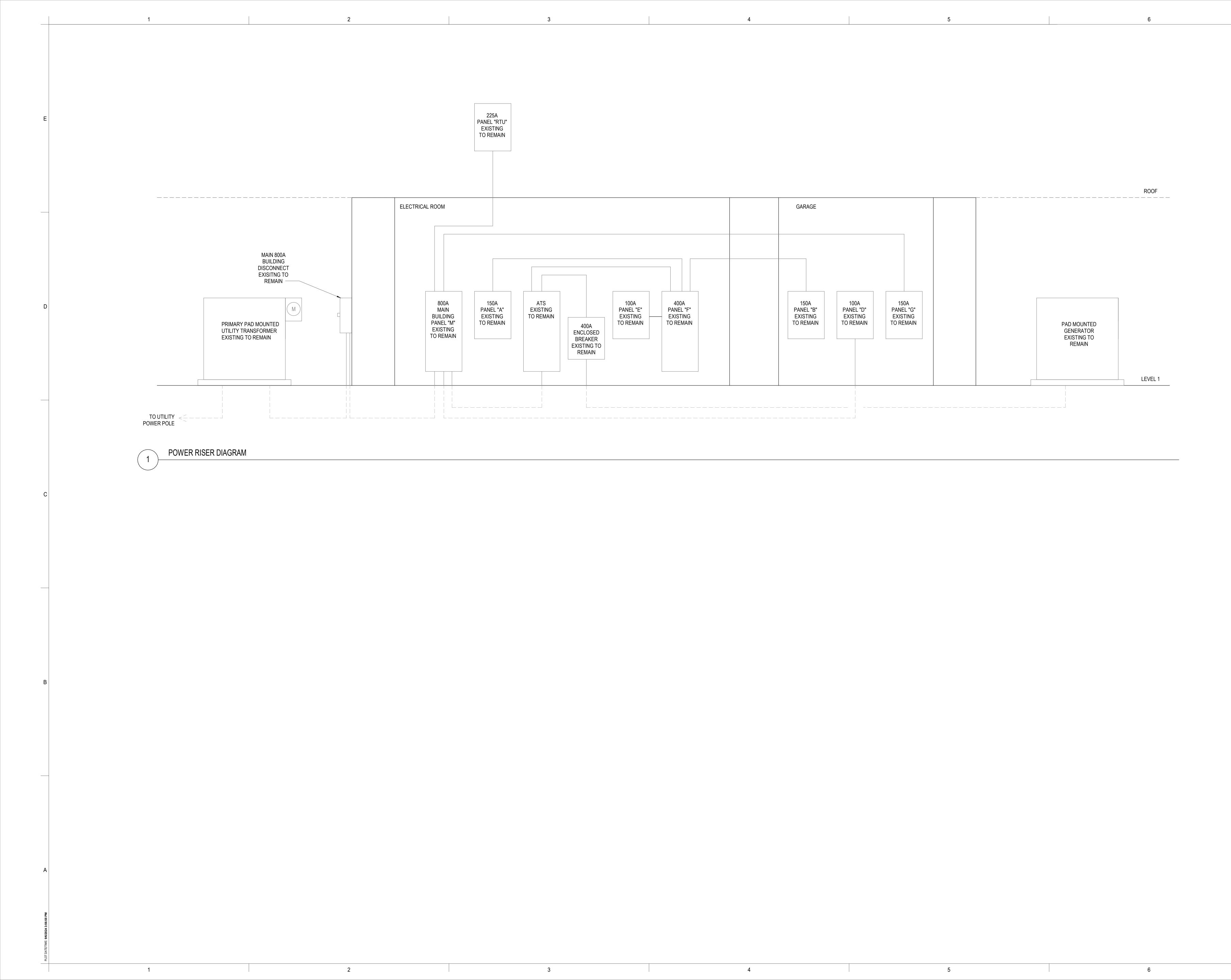
- A. DRAWINGS ARE INTENDED TO SHOW GENERAL ARRANGEMENT, DESIGN, AND EXTENT OF WORK AND ARE DIAGRAMMATIC. DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS EXCEPT WHERE DIMENSIONS ARE SHOWN. ELECTRICAL WORK IS SHOWN ON PLANS USING STANDARD INDUSTRY SYMBOLS. BEFORE ORDERING MATERIALS OR COMMENCEMENT WITH WORK, VERIFY MEASUREMENTS PERTAINING THERETO AND ASSUME RESPONSIBILITY THEREFOR. ANY SUBSTANTIAL DIFFERENCES BETWEEN DRAWINGS AND CONDITIONS IN THE FIELD SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR CONSIDERATION BEFORE PROCEEDING
- WORK PERFORMED INCLUDES LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON DRAWINGS AND SPECIFICATIONS. PROVIDE EMERGENCY FIXTURES AND EXIT SIGNS WITH EMERGENCY POWER. SHALL BE FED FROM NEAREST
- REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION.. FIXTURE CATALOG NUMBERS ARE SUBJECT TO CHANGE BY MANUFACTURER. VERIFY FIXTURE CATALOG
- VERIFY EQUIPMENT SIZES AND POWER REQUIREMENTS FOR EQUIPMENT PROVIDED BY OTHERS. ELECTRICAL CONDUITS AND JUNCTION BOXES IN FINISHED SPACES SHALL BE CONCEALED. COORDINATE WITH OTHER TRADES AS REQUIRED AND USE CHASES AND CEILING SPACES WHERE AVAILABLE.
- CLEAN ALL THE EXISITNG LUMINAIRES AFFECTED BY CONSTRUCTION. ALL LUMINAIRES IN DAYLIGHT ZONES NOTED ON PLANS SHALL BE CONTINUOUSLY DIMMED. OCCUPANCY SNESORS SHALL BE CONFIGURED TO AUTOMATICALLY REDUCE LIGHTING POWER BY 50% WHEN THE ZONE IS UNOCCUPIED AND 100% OFF AFTER THE ZONE IS UNOCCUPIED FOR OVER 20 MINUTES. THE
- K. PROVIDE OVERRIDE SWITCH FOR EACH INDIVIDUAL LIGHTING CONTROL ZONE.

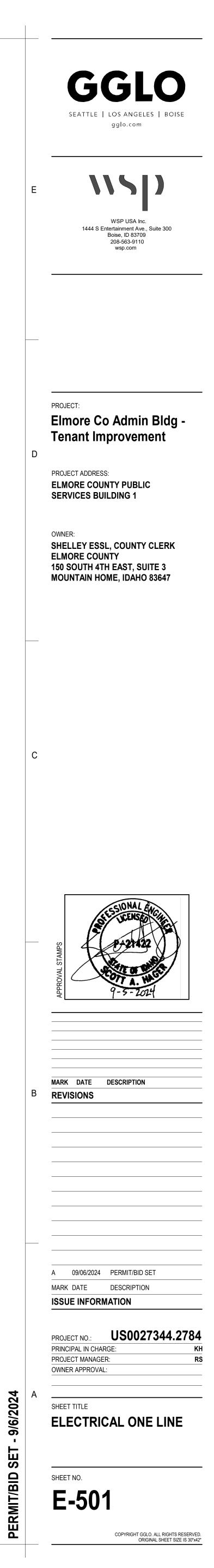




- DIAGRAMMATIC. DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS EXCEPT WHERE DIMENSIONS ARE SHOWN. ELECTRICAL WORK IS SHOWN ON PLANS USING STANDARD INDUSTRY SYMBOLS. BEFORE ORDERING MATERIALS OR COMMENCEMENT WITH WORK, VERIFY MEASUREMENTS PERTAINING THERETO AND ASSUME RESPONSIBILITY THEREFOR. ANY SUBSTANTIAL DIFFERENCES BETWEEN DRAWINGS AND CONDITIONS IN THE FIELD SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR CONSIDERATION BEFORE PROCEEDING
- WORK PERFORMED INCLUDES LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON DRAWINGS AND SPECIFICATIONS. PROVIDE EMERGENCY FIXTURES AND EXIT SIGNS WITH EMERGENCY POWER. SHALL BE FED FROM NEAREST
- REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION.. FIXTURE CATALOG NUMBERS ARE SUBJECT TO CHANGE BY MANUFACTURER. VERIFY FIXTURE CATALOG
- VERIFY EQUIPMENT SIZES AND POWER REQUIREMENTS FOR EQUIPMENT PROVIDED BY OTHERS. ELECTRICAL CONDUITS AND JUNCTION BOXES IN FINISHED SPACES SHALL BE CONCEALED. COORDINATE WITH OTHER TRADES AS REQUIRED AND USE CHASES AND CEILING SPACES WHERE AVAILABLE.
- H. CLEAN ALL THE EXISITNG LUMINAIRES AFFECTED BY CONSTRUCTION. ALL LUMINAIRES IN DAYLIGHT ZONES NOTED ON PLANS SHALL BE CONTINUOUSLY DIMMED. OCCUPANCY SNESORS SHALL BE CONFIGURED TO AUTOMATICALLY REDUCE LIGHTING POWER BY 50% WHEN THE ZONE IS UNOCCUPIED AND 100% OFF AFTER THE ZONE IS UNOCCUPIED FOR OVER 20 MINUTES. THE
- K. PROVIDE OVERRIDE SWITCH FOR EACH INDIVIDUAL LIGHTING CONTROL ZONE.

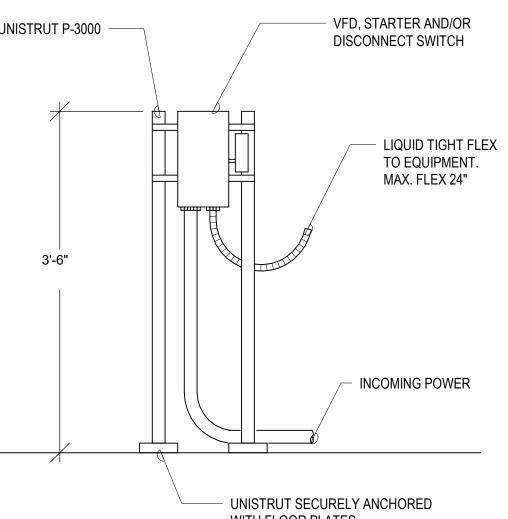


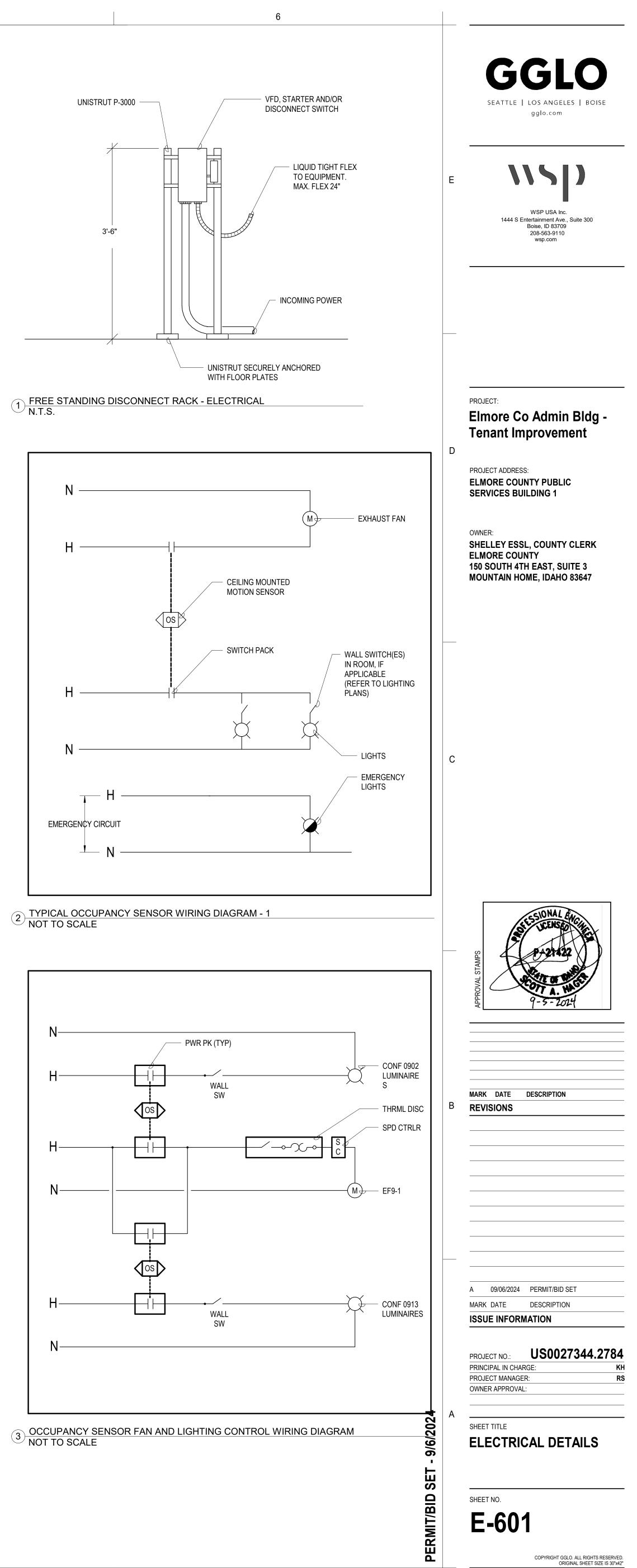




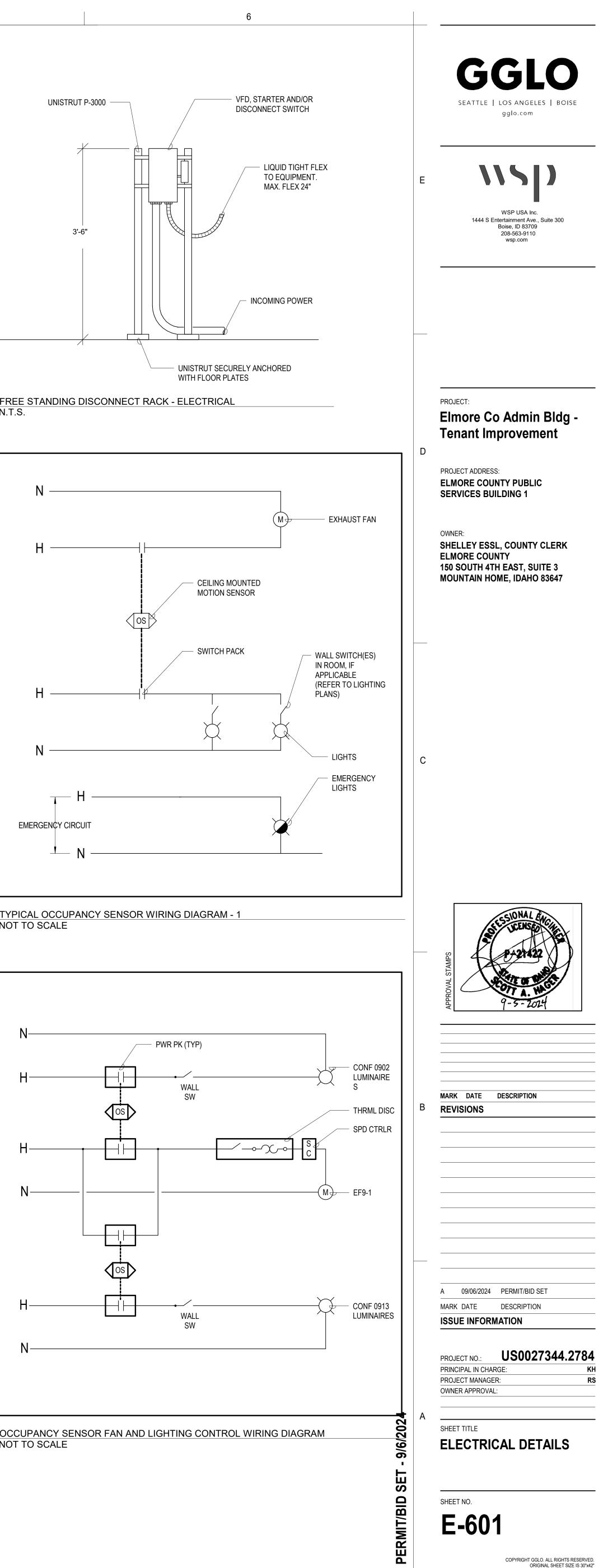
	1		2
E			
D			
С			
В			
A			
'2024 3:56:58 PM			
PLOT DATE/TIME: 9/6/2024 3:56:58 PM			











	Main Vol	t: PAI ation: IT EQU Bus: 100 A MCB: MLO Itage: 120/208 ating: 10K	JIP 138B	Α		Fed From: P Wires: 4 Enclosure: N Bus Type: C Mounting: S	#1/0+GND IEMA 1 CU			Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug	us: YES us: NO ral: NO	
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33	Circuit Description OPEN OFFICE 124 RACK OPEN OFFICE 124 RACK OPEN OFFICE 124 RACK OPEN OFFICE 124 RACK OPEN OFFICE 124 OFFICE 126 GENERAL LIGHTING Spare CRAWL SPACE LTG CRAWL SPACE LTG CRAWL SPACE RCPTS Spare Spare Spare REC C3 COUNTER REC C3 COUNTER REC C3 COUNTER Spare Spare Spare Spare Spare	Load Classificati on MISC MISC RCPTS RCPTS LTG Power RCPTS RCPTS RCPTS RCPTS 	Trip P 20 A 20 A	1 1	A 500 VA 360 VA 540 VA 1260 0 VA 1080 0 VA 720 VA 720 VA 540 VA 0 VA 540 VA	B 500 VA 360 VA 540 VA 540 VA 690 VA 1080 0 VA 720 VA 900 VA 720 VA	500 VA 540 V 900 VA 1260. 900 VA 0 VA 900 VA 180 V 0 VA 360 V	A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	Trip 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	Load Classificati on RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS	Circuit Description REC B3 STORAGE RM FRIDGE REC B1/PHY OFF 2 REC B1/B2 REC LAB/HALL/RESTROOM REC A1/A2 REC A1/PHY OFF 1 REC A1/PHY OFF 1 REC X-RAY ROOM Spare REC C2 REC C1 REC PHY OFF 3 REC N REC BREAKROOM REC BREAKROOM REC BREAKROOM COUNTER REC BREARK RM MICRO REC RESTROOM LAB	
35 37 39 41	Spare Spare Spare Spare		20 A 20 A 20 A 20 A Total L Total Ar	1 1 .oad:	0 VA 720 VA 6980 VA 59 A	0 VA 1080 7670 VA 65 A ANEL A LOAD	0 VA 720 V 0 VA 1080. 6440 VA 54 A SUMMARY	1	20 A 20 A 20 A 20 A	RCPTS RCPTS RCPTS RCPTS	REC MED ROOM EXISTING LOAD OFFICE 329 OFFICE 325	
	Classification			ected		mand Factor	Estimated D				Panel Totals	
RCPTS Spare	8			7100 V. 900 VA			13550 V 900 VA			Total Co	onn. Load: 21090 VA	
MISC			1:	500 VA	۹		1500 V	4		Total Est	. Demand: 17540 VA	
Power LTG				900 VA	\		900 VA	L Contraction of the second seco		Τα	otal Conn.: 59 A	
	emand Factor Table		6	390 VA	<u> </u>		690 VA	·			. Demand: 49 A	
Notes: *See D	Demand Factor Table (E) BRANCH Loca Main Vol	1: PA ation: FACILI Bus: 200 A MCB: 150 A Itage: 120/203 ating: 10K	NEL TIES (STO	G		Fed From: P Wires: 4 Enclosure: N Bus Type: C Mounting: S	2ANEL M #1/0+1#6GND IEMA 1 3U				us: YES us: YES us: YES us: NO ral: NO	
*See D	Demand Factor Table (E) BRANCH Loca Main Vol	ation: FACILI Bus: 200 A MCB: 150 A Itage: 120/208	NEL TIES (STO	G		Wires: 4 Enclosure: N Bus Type: C	2ANEL M #1/0+1#6GND IEMA 1 3U			Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr	us: YES us: YES us: YES us: NO ral: NO gs: NO	
	Demand Factor Table (E) BRANCH Loca Main Vol	ation: FACILI Bus: 200 A MCB: 150 A Itage: 120/208 ating: 10K	Trip Trip Trip P 20 A 20 A 2	Poles 1 5 1 5 1 5 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	E) 141 500 VA 540 VA 500 VA 540 VA 360 VA 1080 180 VA 540 VA 180 VA 540 VA 180 VA 540 VA 180 VA 540 VA	Wires: 4 Enclosure: N Bus Type: C Mounting: S 500 VA 500 VA 180 VA 720 VA 540 VA <td>ANEL M #1/0+1#6GND EMA 1 UURFACE 900 VA 180 V 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 900 VA 360 V 900 VA 360 V 900 VA 360 V</td> <td>Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td></td> <td>Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load</td> <td>us: YES us: YES us: YES us: NO ral: NO gs: NO</td> <td></td>	ANEL M #1/0+1#6GND EMA 1 UURFACE 900 VA 180 V 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 900 VA 360 V 900 VA 360 V 900 VA 360 V	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load	us: YES us: YES us: YES us: NO ral: NO gs: NO	
*See D *See D *See D *See D 1 1 3 5 7 9 11 13 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39	Circuit Description Misc Work ROOM 144 CIRCULATION H20 FOUNTAIN WORK ROOM 144 CIRCULATION H20 FOUNTAIN WORK ROOM 144 WAITING 159 OPEN OFFICE-1 147-1 OFFICE 362 OPEN OFFICE-1 147-1 EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD Spare Space Space Space Space Space	ation: FACILI Bus: 200 A MCB: 150 A Itage: 120/202 ating: 10K Load Classificati on MISC MISC MISC MISC MISC MISC MISC RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS 	Trip Trip Trip P 20 A 20 A	Poles 1 5 1 5 1 5 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	E) 141 E) 141 500 VA 540 VA 360 VA 540 VA 180 VA 540 VA	Wires: 4 Enclosure: N Bus Type: C Mounting: S 500 VA 180 VA 720 VA 720 VA 540 VA <tr< td=""><td>ANEL M #1/0+1#6GND EMA 1 URFACE 900 VA 180 V 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 900 VA 360 V 900 VA 360 V 900 VA 360 V</td><td>Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>Feed Trip 20 A 20 A</td><td>Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load Classificati on RCPTS RCPT</td><td>US: YES JS: YES JS: YES JS: NO al: NO gs: NO CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-1 133-1 OPEN OFFICE-1 133-1</td><td></td></tr<>	ANEL M #1/0+1#6GND EMA 1 URFACE 900 VA 180 V 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 900 VA 360 V 900 VA 360 V 900 VA 360 V	Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Feed Trip 20 A 20 A	Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load Classificati on RCPTS RCPT	US: YES JS: YES JS: YES JS: NO al: NO gs: NO CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-1 133-1 OPEN OFFICE-1 133-1	
*See D *See D 1 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 25 27 29 31 33 35 37 39 41	Classification	ation: FACILI Bus: 200 A MCB: 150 A Itage: 120/202 ating: 10K Load Classificati on MISC MISC MISC MISC MISC MISC MISC RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS 	Trip P 20 A 20 A 20 A	Poles 1 5 1 5 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	A SE) 141 A S00 VA 540 VA 360 VA 1080 180 VA 540 VA 180 VA 540 VA 900 VA 360 VA 900 VA 360 VA 180 VA 540 VA 180 VA 700 VA 180 VA <td>Wires: 4 Enclosure: N Bus Type: C Mounting: S 500 VA 500 VA 180 VA 720 VA 540 VA <td>ANEL M #1/0+1#6GND EMA 1 UURFACE 900 VA 180 V 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 900 VA 360 V 900 VA 360 V 900 VA 360 V 180 VA 360 V 180 VA 360 V</td><td>Poles Poles Poles 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>Feed Trip 20 A 20 A</td><td>Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load Classificati on RCPTS RCPT</td><td>US: YES JS: YES JS: YES JS: NO al: NO gs: NO CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-1 133-1 OPEN OFFICE-1 133-1</td><td></td></td>	Wires: 4 Enclosure: N Bus Type: C Mounting: S 500 VA 500 VA 180 VA 720 VA 540 VA <td>ANEL M #1/0+1#6GND EMA 1 UURFACE 900 VA 180 V 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 900 VA 360 V 900 VA 360 V 900 VA 360 V 180 VA 360 V 180 VA 360 V</td> <td>Poles Poles Poles 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>Feed Trip 20 A 20 A</td> <td>Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load Classificati on RCPTS RCPT</td> <td>US: YES JS: YES JS: YES JS: NO al: NO gs: NO CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-1 133-1 OPEN OFFICE-1 133-1</td> <td></td>	ANEL M #1/0+1#6GND EMA 1 UURFACE 900 VA 180 V 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 900 VA 360 V 900 VA 360 V 900 VA 360 V 180 VA 360 V 180 VA 360 V	Poles Poles Poles 1 1 1 1 1 1 1 1 1 1 1 1 1	Feed Trip 20 A 20 A	Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load Classificati on RCPTS RCPT	US: YES JS: YES JS: YES JS: NO al: NO gs: NO CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OPEN OFFICE-1 133-1 OPEN OFFICE-1 133-1	
*See D *See D 1 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	Classification	ation: FACILI Bus: 200 A MCB: 150 A Itage: 120/202 ating: 10K Load Classificati on MISC MISC MISC MISC MISC MISC MISC RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS RCPTS 	Trip F 20 A 20 A 20 A	Poles 1 5 0RAG 0RAG 1 5 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	A SE) 141 SE) 141 180 VA 540 VA 180 VA <td>Wires: 4 Enclosure: N Bus Type: C Mounting: S 500 VA 180 VA 500 VA 180 VA 720 VA 540 VA 720 VA 540 VA 180 VA 540 VA 540 VA 540 VA 0 VA 500 VA 0 VA 500 VA 180 VA 500 VA 0 VA 500 VA 4060 VA 7400 VA 34 A ANEL G LOAD</td> <td>ANEL M #1/0+1#6GND EMA 1 UEMA 1 URFACE 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 180 VA 360 V 900 VA 360 V 900 VA 360 V 180 VA 360 V</td> <td>Poles Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>Feed Trip 20 A 20 A</td> <td>Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load Classificati on RCPTS</td> <td>US: YES US: YES US: YES US: NO al: NO gs: NO CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OFFICE 134 RECORDS 162 RCPTS OPEN OFFICE-1 133-1 OPEN OFFICE-1 133-1 Space Space Space Space Space Space</td> <td></td>	Wires: 4 Enclosure: N Bus Type: C Mounting: S 500 VA 180 VA 500 VA 180 VA 720 VA 540 VA 720 VA 540 VA 180 VA 540 VA 540 VA 540 VA 0 VA 500 VA 0 VA 500 VA 180 VA 500 VA 0 VA 500 VA 4060 VA 7400 VA 34 A ANEL G LOAD	ANEL M #1/0+1#6GND EMA 1 UEMA 1 URFACE 900 VA 180 V 720 VA 540 V 180 VA 540 V 180 VA 540 V 180 VA 360 V 900 VA 360 V 900 VA 360 V 180 VA 360 V	Poles Poles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Feed Trip 20 A 20 A	Total Est Neutral Bu Ground Bu d Ground Bu 200% Neutr Through Lug Load Classificati on RCPTS	US: YES US: YES US: YES US: NO al: NO gs: NO CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 CONFERENCE 365 OPEN OFFICE-2 133-2 OPEN OFFICE-2 133-2 OFFICE 134 RECORDS 162 RCPTS OPEN OFFICE-1 133-1 OPEN OFFICE-1 133-1 Space Space Space Space Space Space	

Notes: *See Demand Factor Table

1

CASE MOD (III) ROPE ROPE<								
	(E) BRANCH:	PANEL B	Fed From: PANEL F		(E) BRANCH:	PANEL D	Fed From: PANF	FI M
			Wires: 4#1/0+GND				Wires: 4#2+0	GND Neutral Bus: YES
	MCB:	MLO						
	Voltage:	120/208 Wye			Voltag	e: 120/208 Wye	Mounting: SURF	FACE 200% Neutral: NO
	AIC Railing.	IUK		reed mough Lugs. NO		g. 10K		reeu mougn Lugs. NO
		ad		Load		Load		Load
Alexand and the second and t	Class	sificati		Classificati		assificati		Classificati
	•							
	OFFICE 157 RC	PTS 20 A 1	540 VA 720 VA	1 20 A RCPTS EXISTING LOAD	4 3 OPEN OFFICE 136	RCPTS 20 A 1	720 VA 180 VA	1 20 A MISC OPEN OFFICE 136
Control Contro Control Control								
	UH-1	20 A 1	1000 360 VA	1 20 A RCPTS JAN. CLOS. 336 1	0 9 OPEN OFFICE 106	RCPTS 20 A 1	360 VA 360 VA	1 20 A RCPTS RCPTS OPEN OFFICE
Image: International Property of the Pr								
	FIRE RISER 354 RC	PTS 20 A 1	720 VA 720 VA	1 20 A RCPTS EXISTING LOAD	6 15 WORK ROOM 108	RCPTS 20 A 1	360 VA 720 VA	1 20 A RCPTS OFFICE 115
				1 20 A RCPTS WAITING - INTERIOR 363 1	8 17 Spare			
Control Contro Control Control	OPEN OFFICE 345 RC	PTS 20 A 1	540 VA 900 VA	1 20 A RCPTS EXISITNG LOAD 2	2 21 Spare	20 A 1	0 VA 180 VA	1 20 A RCPTS CONFERENCE 117
Note the set of the s								
Base - SA Io IO <thio< th=""> IO IO <th< td=""><td></td><td></td><td></td><td>1 20 A RCPTS EXISTING LOAD 2</td><td>8 27 Spare</td><td> 20 A 1</td><td></td><td></td></th<></thio<>				1 20 A RCPTS EXISTING LOAD 2	8 27 Spare	20 A 1		
Bar - 1 Correct with the set of	Spare	20 A 1	0 VA 540 VA	1 20 A RCPTS CIRCULATION 351	0 29 BREAK 131	RCPTS 20 A 1	180	0 VA 540 VA 1 20 A RCPTS OFFICE 121
				I ZUA Spare 3 1 20 A RCPTS EXISTING LOAD 3	4 31 EXISTING LOAD 33 BREAK 131			
	Spare	20 A 1	0 VA 0 VA	1 20 A Spare 3	6 35 HUDDLE 127	RCPTS 20 A 1	540	0 VA 180 VA 1 20 A RCPTS HUDDLE 127
Carles do Carles do <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
		PTS 20 A 1	1080 720 VA			RCPTS 20 A 1	180	0 VA 0 VA
Distribution Dissrigation Dissrigation<		Total Amps. 51 A				Total Amps. 51		
		Connected Load		mand Panel Totals	Load Classification	Connected Load		
	6							
		2900 VA	2900 VA		MISC	900 VA		
Image: State is Denoted in the American State American State is Denoted in the American State is Denoted in t				Total Est. Demand: 16540 VA				
CP: DRANCH: PARLE F. Monthly: Set from: PMLL M With With A: Monthly: Set from: PMLL M With With A: Monthly: Set from: PML M: Monthly: Set from: PML								
Lossies: JAN CLOB: 138A; Main Dis: 400 A MCB MLO Write: Same Write:								
Minds Buss: NO A MORES: 102.03 Myn. Voltage: 120.03 Myn. Voltage: 120.04 Myn. Voltage: 120.03 Myn. Voltage: 120.03 Myn. Volta	S: Demand Factor Table				*See Demand Factor Table			
Mode: Loging: Bus type: UP Bus type: U	Demand Factor Table (E) BRANCH:			Total Est. Demand: 46 A	*See Demand Factor Table (E) BRANCH:			EL F
AC Rating: Feed Through Lugg: NO A B C Pole To Cleasification Control Contro Control Control	Demand Factor Table (E) BRANCH: Location:	JAN. CLOS. 138A	Wires:	Neutral Bus: YES	*See Demand Factor Table (E) BRANCH: Location	n: JAN. CLOS. 138A	Wires: 4#2+0	EL F GND Neutral Bus: YES
Chruch Description Or Porte P Porte P Porte P Porte P P P P	Demand Factor Table (E) BRANCH: Location: Main Bus: MCB:	JAN. CLOS. 138A 400 A MLO	Wires: Enclosure: NEMA 1 Bus Type: CU	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO	*See Demand Factor Table (E) BRANCH: Locatio Main Bu MC	n: JAN. CLOS. 138A s: 100 A B: MLO	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU	EL F GND A 1 Isolated Ground Bus: YES Isolated Ground Bus: NO
Chruch Description Or Porte P Porte P Porte P Porte P P P P	Demand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage:	JAN. CLOS. 138A 400 A MLO	Wires: Enclosure: NEMA 1 Bus Type: CU	Total Est. Demand: 46 A Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO	*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltag	n: JAN. CLOS. 138A is: 100 A B: MLO ie: 120/208 Wye	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU	EL F GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO
Indical Description Indi	Demand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage:	JAN. CLOS. 138A 400 A MLO	Wires: Enclosure: NEMA 1 Bus Type: CU	Total Est. Demand: 46 A Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO	*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltag	n: JAN. CLOS. 138A is: 100 A B: MLO ie: 120/208 Wye	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU	EL F GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO
<t< td=""><td>Demand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating:</td><td>JAN. CLOS. 138A 400 A MLO 120/208 Wye</td><td>Wires: Enclosure: NEMA 1 Bus Type: CU</td><td>Total Est. Demand: 46 A Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO</td><td>*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltag AIC Ratin</td><td>n: JAN. CLOS. 138A Is: 100 A B: MLO Ie: 120/208 Wye g: 10K</td><td>Wires: 4#2+0 Enclosure: NEMA Bus Type: CU</td><td>EL F GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Feed Through Lugs: NO</td></t<>	Demand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating:	JAN. CLOS. 138A 400 A MLO 120/208 Wye	Wires: Enclosure: NEMA 1 Bus Type: CU	Total Est. Demand: 46 A Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO	*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltag AIC Ratin	n: JAN. CLOS. 138A Is: 100 A B: MLO Ie: 120/208 Wye g: 10K	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU	EL F GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Feed Through Lugs: NO
- - - - - - - - - 20 1 0 0 1 20 RCPTS EXISTING LOAD - - 20 1 0 - 20 1 0 <td>Demand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description</td> <td>JAN. CLOS. 138A 400 A MLO 120/208 Wye pad sificati on Trip Poles A</td> <td>Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE</td> <td>Total Est. Demand: 46 A Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO Poles Trip On Circuit Description C</td> <td>*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltag AIC Ratin</td> <td>n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load lassificati on Trip Poles A</td> <td>Wires: 4#2+0 Enclosure: NEM/ Bus Type: CU Mounting: SURF</td> <td>EL F GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Face Through Lugs: NO Feed Through Lugs: NO</td>	Demand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description	JAN. CLOS. 138A 400 A MLO 120/208 Wye pad sificati on Trip Poles A	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE	Total Est. Demand: 46 A Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO Poles Trip On Circuit Description C	*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltag AIC Ratin	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load lassificati on Trip Poles A	Wires: 4#2+0 Enclosure: NEM/ Bus Type: CU Mounting: SURF	EL F GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Face Through Lugs: NO Feed Through Lugs: NO
m m	emand Factor Table (E) BRANCH: Location: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E Spa	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE	Total Est. Demand: 46 A Image: Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Yeed Through Lugs: NO Poles Trip On Circuit Description C	*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltag AIC Ratin 2 CKT <u>Circuit Description</u> 1 Spare	n: JAN. CLOS. 138A Is: 100 A B: MLO Ie: 120/208 Wye g: 10K Load lassificati on Trip Poles A 20 A 1 0 VA	Wires: 4#2+0 Enclosure: NEM/ Bus Type: CU Mounting: SURF	EL F Total Est. Demand: 29 A GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO FACE 200% Neutral: NO Feed Through Lugs: NO Vertex Isolated Ground Bus: NO Face 200% Neutral: NO Face 1 Isolated Classificati On Isolated Trip It EQUIP 335
Image: mark for the mark f	emand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E Spa	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Image: Total Est. Demand: 46 A Image: Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO Poles Trip Load Classificati On Circuit Description C Image: No Image: NO Image: NO Image: NO	*See Demand Factor Table (E) BRANCH: Location Main BL MC Voltag AIC Ratin CKT Circuit Description C CKT Spare S Spare S Spare C C	n: JAN. CLOS. 138A Is: 100 A B: MLO Ie: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 20 A 1	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA B 360 VA 0 VA 540 VA	EL F Sector 29 A GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO FACE 200% Neutral: NO Feed Through Lugs: NO VA 1 20 A RCPTS IT EQUIP 335 VA 540 VA
Image: state sta	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Neutral Bus: YES Ground Bus: YES Jsolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO Classificati on Circuit Description C	*See Demand Factor Table (E) BRANCH: Location Main BL MC Voltage AIC Ration C CKT Circuit Description C CKT Circuit Description C Spare Spare Spare Spare Spare Spare	n: JAN. CLOS. 138A Is: 100 A B: MLO Ie: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 20 A 1 20 A 1 20 A 1	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 0 VA 540 VA 720 VA 0 VA	EL F Second
Image: conditional conditiconal conditanele conditional conditional conditional con	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Neutral Bus: YES Ground Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Poles Trip On Circuit Description C Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO	*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltage AIC Ration 2 4 5 5 5 5 5 9 9 5 9 5 9 5 9 5 9 5 5 5 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	n: JAN. CLOS. 138A IS: 100 A B: MLO Ie: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 20 A 1	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 4 0 VA 540 VA 720 VA 0 VA 0 VA 1080 0 VA 0 VA	EL F Second
Image: state	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Image: Neutral Bus: YES Image: Neutral Bus: YES Ground Bus: YES Image: Second Bus: YES Isolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO Image: Second Bus: NO Poles Trip Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: NO Image: NO Image: Second Bus: NO Image: Second Bus: Secon	*See Demand Factor Table (E) BRANCH: Location Main BL MC Voltage AIC Ratin 2 4 5 5 5 9 9 5 9 9 5 9 9 5 1 5 5 5 9 5 9 5 9 5 9 5 1 5 5 5 5 7 5 5 5 7 5 5 5 7 5 5 5 7 5 5 5 7 5 5 7 5 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 7 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7	n: JAN. CLOS. 138A IS: 100 A B: MLO Ie: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 VA 20 A 10 VA 20	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 4 0 VA 540 VA 720 VA 0 VA 0 VA 1080 900 VA 0 VA	Total Est. Demand: 29 A EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO FACE 200% Neutral: NO FACE 200% Neutral: NO Face 200% Reutral: NO Face 200% Neutral: NO Face 200% Reutral: NO Face 200% Neutral: NO Face 200% Reutral: NO Face 200% Neutral: NO Face 200% Neutral: NO Face 200% Reutral: NO Face 200% Neutral: NO Face 200% Reutral: NO Face 200% Reutral: NO Face 200 % RCPTS J 20 A RCPTS JAN. CLOS. 336 VA 540 VA 1 J 20 A RCPTS
Image: Control of the control of th	emand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E Spa	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Image: Neutral Bus: YES Image: YES Ground Bus: YES Image: YES Isolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO Image: NO Poles Trip On Circuit Description C Image: No Image: NO Image: NO Image: NO Image: NO Image: No Image: NO Image: NO Image: NO Image: NO Image: No Image: NO Image: NO Image: NO Image: NO Image: NO Image: No Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: No Image: NO	*See Demand Factor Table (E) BRANCH: Location Main BL MC Voltag AIC Ratir XT 2 4 5 5 5 5 8 0 2 4 1 5 5 5 8 7 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 1 5 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 7 5 7 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7	n: JAN. CLOS. 138A IS: 100 A B: MLO Ie: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 VA 20 A 10 VA 20 VA -	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 4 360 VA 4 0 VA 540 VA 720 VA 0 VA 0 VA 1080 900 VA 720 VA 720 VA 0 VA	Total Est. Demand: 29 A EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO FACE 200% Neutral: NO FACE 200% Neutral: NO Face 200% Reutral: NO Face 200% RCPTS I 20 A RCPTS JAN. CLOS. 336 VA 540 VA 1 I 20 A RCPTS
image: field of the field	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO Isolated Classificati Isolated Classificati On Circuit Description C Isolated Isola	KT CKT CKT CKT CKT Circuit Description 1 Spare 3 7 Spare 3 11 Spare 3 12 11 Spare 3 11 Spare 3 11 Spare 3 4 13 EAS BILLING OFFICE 356 15 EXISTING LOAD 17 EXISTING LOAD 19 RCPTS CLASSROOM 149	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load lassificati on Trip Poles A 20 A 1 0 VA 20 A 1 0 VA	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 4 0 VA 540 VA 10 VA 540 VA 0 VA 1080 900 VA 0 720 VA 0 720 VA 360 VA	EL F Sector 1 29 A GND Neutral Bus: YES Sector 2 A 1 Ground Bus: YES Sector 2 Isolated Ground Bus: NO Sector 2 FACE 200% Neutral: NO FACE 200% Neutral: NO Face Trip on C Poles Trip 0 1 20 A RCPTS JAN. CLOS. 336 VA 540 VA 1 1 20 A RCPTS 20 A RCPTS OFFICE 325 VA 900 VA 1 20 A 20 A RCPTS OFFICE 329 VA 900 VA 1 20 A 1 20 A RCPTS OFFICE 325 0 1 20 A RCPTS 1 20 A RCPTS OFFICE 325 0 1 20 A RCPTS 0 1 <
Image: section of the secting of the secting of th	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Image: Neutral Bus: YES Image: Neutral Bus: YES Ground Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Poles Trip On Classificati On Circuit Description C Image: NO Image: NO Image: NO Image: NO Poles Trip On Circuit Description C Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO Image: NO	*See Demand Factor Table (E) BRANCH: Location Main Bu MC Voltag AIC Ratir KT 2 4 3 5 5 5 9 9 5 9 9 5 7 5 9 9 5 9 9 5 9 9 5 9 1 5 5 9 1 5 5 9 1 5 5 9 1 5 5 9 1 5 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 VA 20 A 10 VA 20 VA 20 VA 20 VA 20 VA 20 VA 20	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 4 0 VA 540 VA 0 VA 540 VA 10 VA 1080 720 VA 0 VA 0 VA 1080 900 VA 20 VA 720 VA 360 VA	EL F Image: Second state of the second s
Image: Serie	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Image: Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Feed Through Lugs: NO Image: NO Poles Trip On Circuit Description C Poles Trip On Circuit Description C Image: No Image: NO Image: NO Image: NO Image: NO Image: No Image: NO Image: NO Image: NO Image: NO Image: NO Image: No Image: NO<	*See Demand Factor Table (E) BRANCH: Locatic Main BL MC Voltag AIC Ratin KT CKT Circuit Description 2 1 Spare 3 Spare C 3 Spare C 3 Spare C 3 Spare C 4 3 Spare 5 Spare C 9 Spare C 11 Spare C 3 Spare C 11 Spare C 12 11 Spare C 13 EAS BILLING OFFICE 356 C 15 EXISTING LOAD T 17 EXISTING LOAD T 19 RCPTS CLASSROOM 149 C 21 RCPTS CLASSROOM 149 C 23 OPEN OFFICE 361 C	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 0	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF Mounting: SURF 360 VA 4 0 VA 540 VA 20 VA 540 VA 0 VA 1080 720 VA 4 720 VA 360 720 VA 900 720 VA	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: YES FACE 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO Value 1 20 A C Poles Trip 0 1 20 A Value 1
Image: Marking	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Image: Neutral Bus: YES Ground Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Feed Through Lugs: NO Poles Trip On Circuit Description Classificati Circuit Description On Circuit Description Image: NO Image: NO	*See Demand Factor Table (E) BRANCH: Locatic Main BL MC Voltag AIC Ratin 1 Spare 3 5 5 6 7 9 9 9 9 9 9 11 Spare 12 13 EAS BILLING OFFICE 356 15 16 17 EXISTING LOAD 19 11 12 13 14 15 16 27 28 27 20 21 22 23 24 25 26 27 20 21 22 23 24 25 </td <td>n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 0</td> <td>Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 4 360 VA 4 0 VA 540 VA 20 VA 540 VA 10 VA 1080 720 VA 4 720 VA 360 720 VA 360</td> <td>EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO Solated Ground Bus: NO FACE 200% Neutral: NO FACE 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO VA 1 20 A RCPTS IT EQUIP 335 1 20 A RCPTS 1 20 A RCPTS <</td>	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 0	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 4 360 VA 4 0 VA 540 VA 20 VA 540 VA 10 VA 1080 720 VA 4 720 VA 360	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO Solated Ground Bus: NO FACE 200% Neutral: NO FACE 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO VA 1 20 A RCPTS IT EQUIP 335 1 20 A RCPTS 1 20 A RCPTS <
Image: Marking	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Image: Neutral Bus: YES Ground Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Poles Trip On Circuit Description C Image: Stress of the second sec	*See Demand Factor Table (E) BRANCH: Location Main BL MC Voltage AIC Ratin KT 2 4 5 5 8 7 9 9 9 9 9 1 1 5 5 5 9 9 9 9 9 9 1 1 5 5 5 9 9 9 9 9 1 1 5 5 9 9 9 9 1 1 5 5 9 9 9 9 1 1 5 5 9 1 5 5 9 1 5 5 5 5 5 5 5 5 5 5 5 5 5	n: JAN. CLOS. 138A s: 100 A B: MLO e: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 0	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF Mounting: SURF 360 VA 4 0 VA 540 VA 10 VA 540 VA 10 VA 1080 10 VA 1080.VA 10 VA 180 VA 10 VA 180 VA 10 VA 180 VA 10 VA 140	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO Solated Ground Bus: NO FACE 200% Neutral: NO Face 200% Reprise 1 20 A RCPTS IT EQUIP 335 1 20 A 20 A RCPTS 20 A <t< td=""></t<>
Image: Marking Space: Marking Space	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Image: Neutral Bus: YES Ground Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Poles Trip On Circuit Description Circuit Description Circuit Description Image: No Image: No Poles Trip On Image: No Image: No	*See Demand Factor Table (E) BRANCH: Locatic Main BL Main BL MC Voltag AIC Ratir (C CKT Circuit Description 1 Spare 3 Spare 5 Spare 7 Spare 0 9 Spare 1 Spare 1 Spare 1 Spare 1 Spare 2 11 Spare 1 Spare 1 Spare 2 11 Spare 1 Spare 1 Spare 2 11 Spare 2 11 Spare 1 Spare 2 11 Spare 2 11 Spare 2 11 Spare 3 OPEN OFFICE 356 6 15 EXISTING LOAD 17 EXISTING LOAD 17 EXISTING LOAD 19 RCPTS CLASSROOM 149 21 RCPTS CLASSROOM 149 21 RCPTS CLASSROOM 149 21 RCPTS CLASSROOM 149 2 2 2 2 CONFERENCE 365 2 9 CONFERENCE 365 2 9 CONFERENCE 365	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 RCPTS 20 A 1 10 RCPTS 20 A 1 10 RCPTS 20 A 1 0 RCPTS 20 A	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 4 0 VA 540 VA 0 VA 540 VA 10 VA 1080 720 VA 0 VA 0 VA 1080 900 VA 20 VA 720 VA 360 VA 720 VA 360 VA 720 VA 4 720 VA 900 VA 800 VA 900 VA 900 VA 900 VA 900 VA 180 VA 900 VA 900 VA 900 VA 900 VA 900 VA	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO I 20 A RCPTS IT EQUIP 335 I 20 A RCPTS JAN. CLOS. 336 VA 540 VA I 20 A I 20 A RCPTS JAN. CLOS. 336 VA 540 VA I 20 A RCPTS OFFICE 325 VA 1 I 20 A RCPTS OFFICE 325 VA 1 I 20 A RCPTS OFFICE 325 I 20 A
PANEL B Spare: 150 A 3 6120 4 4 4 1500 VA 12650 VA	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO Isolated Ground Bus: NO <td>*See Demand Factor Table (E) BRANCH: Location Main BL MC Voltage AIC Ratin KT Circuit Description 1 Spare 3 Spare 5 Spare 5 Spare 6 1 9 Spare 11 Spare 12 11 13 EAS BILLING OFFICE 356 15 EXISTING LOAD 17 EXISTING LOAD 17 EXISTING LOAD 17 EXISTING LOAD 17 EXISTING LOAD 19 RCPTS CLASSROOM 149 21 RCPTS CLASSROOM 149 22 OPEN OFFICE 361 25 OFFICE 362 27 CONFERENCE 365 29 CONFERENCE 365</td> <td>n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 RCPTS 20 A 1 10 RCPTS 20 A 1 10 RCPTS 20 A 1 0 RCPTS 20 A</td> <td>Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 540 VA 0 VA 540 VA 0 VA 1080 720 VA 0 VA 1080 900 VA 720 VA</td> <td>EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO FACE 200% Neutral: NO Face 1 1 20 A C Poles Trip on Classificati Circuit Descripti 1 20 A RCPTS IT EQUIP 335 1 20 A CPTS OFFICE 325 1 20 A 1<</td>	*See Demand Factor Table (E) BRANCH: Location Main BL MC Voltage AIC Ratin KT Circuit Description 1 Spare 3 Spare 5 Spare 5 Spare 6 1 9 Spare 11 Spare 12 11 13 EAS BILLING OFFICE 356 15 EXISTING LOAD 17 EXISTING LOAD 17 EXISTING LOAD 17 EXISTING LOAD 17 EXISTING LOAD 19 RCPTS CLASSROOM 149 21 RCPTS CLASSROOM 149 22 OPEN OFFICE 361 25 OFFICE 362 27 CONFERENCE 365 29 CONFERENCE 365	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 RCPTS 20 A 1 10 RCPTS 20 A 1 10 RCPTS 20 A 1 0 RCPTS 20 A	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 540 VA 0 VA 540 VA 0 VA 1080 720 VA 0 VA 1080 900 VA 720 VA	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO FACE 200% Neutral: NO Face 1 1 20 A C Poles Trip on Classificati Circuit Descripti 1 20 A RCPTS IT EQUIP 335 1 20 A CPTS OFFICE 325 1 20 A 1<
	(E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye bad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: CU Mounting: SURFACE B C 4860	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Poles Trip On Classificati Circuit Description C Poles Trip On Poles Poles Poles Poles Trip On Circuit Description C Poles Poles Poles Poles Poles Poles Trip Poles Poles Poles Poles Poles Poles Poles Poles Poles<	*See Demand Factor Table (E) BRANCH: Locatic Main BL MC Voltag AIC Ratin X CKT Circuit Description 1 Spare 3 Spare 3 Spare 3 Spare 3 Spare 1 Spare 2 11 13 EAS BILLING OFFICE 356 6 15 13 EAS BILLING OFFICE 356 13 EAS BILLING OFFICE 356 14 13 15 EXISTING LOAD 17 EXISTING LOAD 17 EXISTING LOAD 19 RCPTS CLASSROOM 149 21 RCPTS CLASSROOM 149 23 OPEN OFFICE 361 16 25 27 CONFERENCE 365 29 CONFERENCE 365 29 CONFERENCE 365 20 Example Classification	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load lassificati on Trip Poles A 20 A 1 0 VA 20 A 1 0	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 540 VA 0 VA 540 VA 720 VA 0 VA 1080 720 VA	EL F Neutral Bus: YES GND Neutral Bus: YES A1 Ground Bus: YES Isolated Ground Bus: YES FACE 200% Neutral: NO Face 200% Reutral: NO Face 200% Reutral: NO Face 200% Reutral: NO VA 540 VA 20 A 1 20 A C Poles 1 20 A CPTS JAN. CLOS. 336 VA 540 VA 1 20 A RCPTS OFFICE 325 1 20 A 1 20 A 1 20 A
PANEL A Power; 150 A 3 6980 A A A A	emand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye Dad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: C Mounting: SURFACE Mounting: SURFACE 4860	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO 200% Neutral: NO Feed Through Lugs: NO Classificati Image:	*See Demand Factor Table (E) BRANCH: Location Main BL MC Voltag AIC Ratin KT C 2 1 4 3 5 Spare 3 Spare 5 Spare 7 Spare 9 Spare 11 Spare 2 11 13 EAS BILLING OFFICE 356 15 EXISTING LOAD 19 RCPTS CLASSROOM 149 21 RCPTS CLASSROOM 149 23 OPEN OFFICE 361 25 OFFICE 362 27 CONFERENCE 365 29 CONFERENCE 365 20 CONFERENCE 365	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 VA 20 A 10 VA 20 A 10 VA 20 VA 20 VA 20 A 10 VA 20 VA	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 540 VA 0 VA 540 VA 720 VA 0 VA 1080 720 VA	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Feed Through Lugs: NO Feed Through Lugs: NO I 20 A RCPTS IT EQUIP 335 I 20 A RCPTS JAN. CLOS. 336 VA 540 VA I 20 A RCPTS OFFICE 325 VA 1 I 20 A RCPTS OFFICE 342 VA 900 VA I 20 A RCPTS OFFICE 342 I 20 A RCPTS OPEN OFFICE 342 I 20 A I 20 A RCPTS OPEN OFFICE 342 I <t< td=""></t<>
	emand Factor Table (E) BRANCH: Location: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye Dad sificati on Trip Poles A are; 100 A 3 4860 	Wires: Enclosure: NEMA 1 Bus Type: C Mounting: SURFACE B C 4860 5760 4860 5760 9 9	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: YES 200% Neutral: NO YES	*See Demand Factor Table (E) BRANCH: Locatic Main BL MC Voltag AIC Ratir KT Circuit Description 1 Spare 3 FAS BILLING OFFICE 356 6 15 13 EAS BILLING OFFICE 356 6 15 13 EAS BILLING OFFICE 356 14 Spare 13 EAS BILLING OFFICE 356 6 15 17 EXISTING LOAD 19 RCPTS CLASSROOM 149 21 RCPTS CLASSROOM 149 23 OPEN OFFICE 362 8 27 CONFERENCE 365 29 24 6 8 MISC	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 VA 20 A 10 VA 20 A 10 VA 20 VA 20 VA 20 A 10 VA 20 VA	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 540 VA 0 VA 540 VA 720 VA 0 VA 1080 720 VA	Total Est. Demand: 29 A EL F Image: Second
Image: Sector	Pemand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye	Wires: Enclosure: NEMA 1 Bus Type: C Mounting: SURFACE Mounting: SURFACE 4860	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO 200% Neutral: NO Feed Through Lugs: NO Poles Trip On Classificati Circuit Description C Image: Stress of the second se	*See Demand Factor Table (E) BRANCH: Locatic Main Bu Main Bu MC Voltag AIC Ratin CKT Circuit Description 1 Spare 3 5 5 7 9 9 11 Spare 3 7 9 9 11 Spare 12 13 EAS BILLING OFFICE 356 15 EXISTING LOAD 17 EXISTING LOAD 19 17 EXISTING LOAD 19 17 EXISTING LOAD 19 11 12 13 14 15 16 25 26 27 28 29	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 VA 20 A 10 VA 20 A 10 VA 20 VA 20 VA 20 A 10 VA 20 VA	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 540 VA 0 VA 540 VA 720 VA 0 VA 1080 720 VA	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Feed Through Lugs: NO NO I 20 A RCPTS I 20 A RCPTS J 20 A RCPTS J 20 A RCPTS J 20 A RCPTS J 1 20 A J 20 A RCPTS J 20
30 30 30 1 1 1 1 1 1 1 1 1 1 1 1 1	emand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye are; 100 A 3 4860 ver; 150 A 3 6980	Wires: Enclosure: NEMA 1 Bus Type: C Mounting: SURFACE Mounting: SURFACE 4860	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: YES 200% Neutral: NO 200% Neutral: NO Poles Trip on Circuit Description C Poles circuit circuit circuit circuit Poles circ	*See Demand Factor Table (E) BRANCH: Locatic Main Bu Main Bu MC Voltag AIC Ratin CKT Circuit Description 2 1 Spare 3 Spare C 3 Spare C 4 3 Spare C 5 Spare C C 4 1 Spare C 4 13 EAS BILLING OFFICE 356 C 6 15 EXISTING LOAD D 9 Spare D D 11 Spare D D 2 11 Spare D 4 13 EAS BILLING OFFICE 356 D 10 19 RCPTS CLASSROOM 149 D 2 OPEN OFFICE 361 D D 4 2 OPEN OFFICE 365 D 12 CONFERENCE 365 D D 2 CONFERENCE 365 D D	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 VA 20 A 10 VA 20 A 10 VA 20 VA 20 VA 20 A 10 VA 20 VA	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 540 VA 0 VA 540 VA 720 VA 0 VA 1080 720 VA	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Face 200% Reutral: NO Face 200% Neutral: NO Face 200% Reutral: NO Stimated Demand RCPTS J 20 A RCPTS JAN. CLOS. 336 VA 540 VA J 20 A RCPTS OFFICE 325 VA 900 VA J 20 A RCPTS OFFICE 325 VA 900 VA J 20 A RCPTS OFFICE 325 VA 900 VA J 20 A
	emand Factor Table (E) BRANCH: Location: Main Bus: MCB: Voltage: AIC Rating: Circuit Description PANEL E	JAN. CLOS. 138A 400 A MLO 120/208 Wye are; 100 A 3 4860 ver; 150 A 3 6980	Wires: Enclosure: NEMA 1 Bus Type: C Mounting: SURFACE Mounting: SURFACE 4860	Neutral Bus: YES Ground Bus: YES Isolated Ground Bus: YES Isolated Ground Bus: YES 200% Neutral: NO 200% Neutral: NO Poles Trip on Circuit Description C Poles circuit circuit circuit circuit Poles circ	*See Demand Factor Table (E) BRANCH: Locatic Main Bu Main Bu MC Voltag AIC Ratin CKT Circuit Description 2 1 Spare 3 Spare C 3 Spare C 4 3 Spare C 5 Spare C C 4 1 Spare C 4 13 EAS BILLING OFFICE 356 C 6 15 EXISTING LOAD D 9 Spare D D 11 Spare D D 2 11 Spare D 4 13 EAS BILLING OFFICE 356 D 10 19 RCPTS CLASSROOM 149 D 2 OPEN OFFICE 361 D D 4 2 OPEN OFFICE 365 D 12 CONFERENCE 365 D D 2 CONFERENCE 365 D D	n: JAN. CLOS. 138A s: 100 A B: MLO le: 120/208 Wye g: 10K Load assificati on Trip Poles A 20 A 1 0 VA 20 A 1 10 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 0 VA 20 A 1 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 A 10 VA 20 VA 20 A 10 VA 20 A 10 VA 20 VA 20 VA 20 A 10 VA 20 VA	Wires: 4#2+0 Enclosure: NEMA Bus Type: CU Mounting: SURF 360 VA 0 VA 540 VA 0 VA 540 VA 720 VA 0 VA 1080 720 VA	EL F Neutral Bus: YES GND Neutral Bus: YES A 1 Ground Bus: YES Isolated Ground Bus: NO FACE 200% Neutral: NO Face 200% Reutral: NO Face 200% Neutral: NO Face 200% Reutral: NO Stimated Demand RCPTS J 20 A RCPTS JAN. CLOS. 336 VA 540 VA J 20 A RCPTS OFFICE 325 VA 900 VA J 20 A RCPTS OFFICE 325 VA 900 VA J 20 A RCPTS OFFICE 325 VA 900 VA J 20 A

		PANEL F LOAD SUMMARY										
Load Classification RCPTS	Connected Load	*Demand Factor	Estimated Demand	Panel Totals								
	49680 VA		29840 VA									
Spare	3800 VA		3800 VA	Total Conn. Load:	56750 VA							
MISC	1680 VA		1680 VA	Total Est. Demand:	36910 VA							
Power	900 VA		900 VA	Total Conn.:	158 A							
LTG	690 VA		690 VA	Total Est. Demand:	102 A							
Notes:												

*See	Demand	Factor	Table

3

2

CKT 1 3 5 7 9 11 13 15	uit Description CKT 2 4 6 8 10 12 14 16
3 5 7 9 11 13	4 6 8 10 12 14
5 7 9 11 13	6 8 10 12 14
7 9 11 13	8 10 12 14
9 11 13	10 12 14
11 13	12 14
13	14
	10
17	18
19	20
21	22
23	24
25	26
27	28
29	30
Load Classification	
Other	
RCPTS	
pare	
RCPTS Spare	

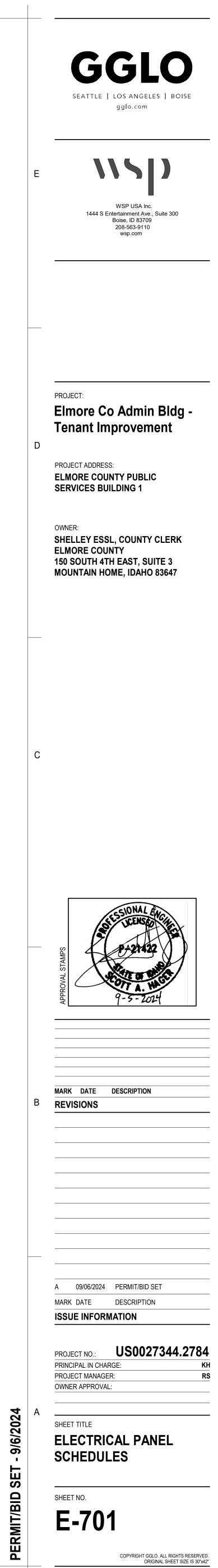
	Ma	Cocation: IT EQU ain Bus: 800 A MCB: MLO Voltage: 120/20 Rating:	JIP 138E				V Enclo Bus	From: Vires: (2 osure: N Type: C nting: S	ÉMA 1 U				Neutral Bu Ground Bu d Ground Bu 200% Neutra Through Lug	s: YES s: NO al: NO		
СКТ	Circuit Description	Load Classificati on	Trip	Poles		A		В		C	Poles	Trip	Load Classificati on	Cir	cuit Description	скт
1	Spare		100 A	3		1180		_			3	20 A	Other;	RTU(E)		2
3							0 VA	1000								4
5									0 VA	1200						6
7						3600					3	100 A	Spare;	PANEL D)	8
9								3960		0000						10
11	Spara		100 A	2	0 VA					2880						12 14
13 15	Spare		100 A	3	UVA		0 VA									14
17									0 VA							18
19						0 VA			0 1/1		3	125 A		Spare		20
21								0 VA								22
23										0 VA						24
25						0 VA					3	150 A		Spare		26
27								0 VA								28
29										0 VA						30
31	PANEL G	Spare;	150 A	3	5180						_					32
33							4060		4000							34
35 37									4680		-					36 38
39																40
41																40
43	Spare		225 A	3	0 VA											44
45					-		0 VA									46
47									0 VA	1796	3	400 A	Power;	PANEL F		48
49						2019										50
51								1860								52
53																54
55 57																56 58
59																60
	1		Total	Load:	301	50 VA	2762	20 VA	2672	20 VA		I		1		00
			Total <i>J</i>			2 A	23	1 A LOAD S	22	3 A						
Load	Classification		Con	necter	Load	*De	mand Fa	actor	Estima	ated Der	mand			Panel	Totals	
Other				0 VA						0 VA				i unor		
RCPT	8		6	59120 [°]		-			2	9560 VA			Total Co	nn Load	84490 VA	
Spare	5			8800 \						800 VA					54930 VA	
MISC			-	4980 \						980 VA				tal Conn.:		
Power				900 V						900 VA			Total Est.	Demand:	152 A	
LTG				690 V	A					690 VA						

6

690 VA Notes: *See Demand Factor Table

5

4



6 SET

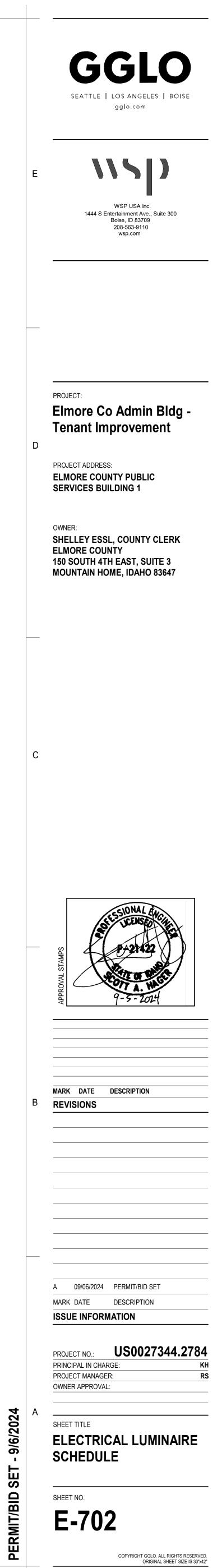
	1		2
E			
D			
С			
В			
A			
А			
PLOT DATE/TIME: 9/6/2024 3:57:00 PM			
PLOT DATE/TIME: 9			

	ELECTRICAL LUMINAIRE FIXTURE SCHEDULE													
TYPE	DESCRIPTION	HOUSING	REFLECTOR	FIXTURE FINISH	MOUNTING	COLOR TEMP.	LAMP	NOMINAL LUMENS	VA	DRIVER/XFRM	VOLTAGI	E MANUFACTURER	CATALOG NUMBER	
F1	1'x4' LED TYPE FLAT PANEL TROFFER, NON- AIR HANDLING, ON-BOARD OCCUPANCY SENSOR	LOW PROFILE METAL FRAME	NONE	WHITE FINISH	RECESSED IN GRID	3500K 80 CRI	LED	3200 (3331 DELIVERED)	29	LED DRIVER 0-10V DIMMING TO 1%	120	LITHONIA	#CPX 1X4 3200LM 80CRI 35K A12 MVOLT	
F1E	1'x4' LED TYPE FLAT PANEL TROFFER, NON- AIR HANDLING, ON-BOARD OCCUPANCY SENSOR, WITH EMERGENCY DRIVER	LOW PROFILE METAL FRAME	NONE	WHITE FINISH	RECESSED IN GRID	3500K 80 CRI	LED	3200 (3331 DELIVERED)	29	LED DRIVER 0-10V DIMMING TO 1%	120	LITHONIA	#CPX 1X4 3200LM 80CRI 35K A12 MVOLT	
F2	2'x4' LED TYPE FLAT PANEL TROFFER, NON- AIR HANDLING, ON-BOARD OCCUPANCY SENSOR	LOW PROFILE METAL FRAME	NONE	WHITE FINISH	RECESSED IN GRID	3500K 80 CRI	LED	6000 (5892 DELIVERED)	42	LED DRIVER 0-10V DIMMING TO 1%	120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#CPX 2X4 6000LM 80CRI 35K A12 MVOLT	
F2E	2'x4' LED TYPE FLAT PANEL TROFFER, NON- AIR HANDLING, ON-BOARD OCCUPANCY SENSOR, WITH EMERGENCY DRIVER	LOW PROFILE METAL FRAME	NONE	WHITE FINISH	RECESSED IN GRID	3500K 80 CRI	LED	6000 (5892 DELIVERED)	42	LED DRIVER 0-10V DIMMING TO 1%	120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#CPX 2X4 6000LM 80CRI 35K A12 MVOLT	
F3	1'x4' LED TYPE FLAT PANEL TROFFER, NON- AIR HANDLING, ON-BOARD OCCUPANCY SENSOR	LOW PROFILE METAL FRAME	NONE	WHITE FINISH	SURFACE MOUNTED	3500K 80 CRI	LED	3200 (3331 DELIVERED)	29	LED DRIVER 0-10V DIMMING TO 1%	120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#CPX 1X4 3200LM 80CRI 35K A12 MVOLT DGA14	
F4	2'x4' LED TYPE FLAT PANEL TROFFER, NON- AIR HANDLING, ON-BOARD OCCUPANCY SENSOR	LOW PROFILE METAL FRAME	NONE	WHITE FINISH	SURFACE MOUNTED	3500K 80 CRI	LED	6000 (5892 DELIVERED)	42	LED DRIVER 0-10V DIMMING TO 1%	120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#CPX 2X4 6000LM 80CRI 35K A12 MVOLT DGA24	
F5	PENDANT MOUNTED LED LINEAR, 80% UPLIGHT, 20% DOWNLIGHT,	LOW PROFILE METAL FRAME	NONE	WHITE FINISH	PENDANT MOUNTED	3500K 80 CRI	LED	1000 LUMENS PER FOOT	29	LED DRIVER 0-10V DIMMING TO 1%	120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#GRAD LSL MSL8 80CRI 35K 80/20 ID1000LMF MIN1 120	
F6	4' LED TYPE INDUSTRIAL WRAP AROUND	LOW PROFILE METAL FRAME	NONE	WHITE FINISH	CHAIN HANG AT 8'-0" AFF	3500K 80 CRI	LED	6000 (5892 DELIVERED)	42	LED DRIVER 0-10V DIMMING TO 1%	120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#FMLWL 48 8 35 MVOLT	
D1	EXTERIOR RECESSED 6" LED DOWNLIGHT, MEDIUM DISTRIBUTION. U.L. LISTED FOR WET LOCATIONS, COVERED CEILING	GALVANIZED STEEL	MEDIUM DISTRIBUTION	WHITE FINISH	CEILING RECESSED	3500K 80 CRI	LED	1500 (1514 DELIVERED)	18	LED DRIVER 0-10V DIMMING TO 1%	120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#LDN6 35_15 LO6AR LS	
D1E	EXTERIOR RECESSED 6" LED DOWNLIGHT, MEDIUM DISTRIBUTION. U.L. LISTED FOR WET LOCATIONS, COVERED CEILING, WITH EMERGENCY DRIVER.	GALVANIZED STEEL	MEDIUM DISTRIBUTION	WHITE FINISH	CEILING RECESSED	3500K 80 CRI	LED	1500 (1514 DELIVERED)	18	LED DRIVER 0-10V DIMMING TO 1%	120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#LDN6 35_15 LO6AR LS	
X1	EDGE LIT LED EXIT SIGN - SINGLE SIDED, BRUSHED ALUMINUM, GREEN ON CLEAR, ARROWS AS NOTED ON PLANS			BRUSHED ALUMINUM	CEILING RECESSED		LED		1		120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#LQC 1 G	
X2	EDGE LIT LED EXIT SIGN - DOUBLE SIDED, BRUSHED ALUMINUM, GREEN ON CLEAR, ARROWS AS NOTED ON PLANS			BRUSHED ALUMINUM	CEILING RECESSED		LED		1		120	AQUITY BRANDS OR EQUAL BY COOPER LIGHTING AND DAY- BRITE	#LQC 2 G	

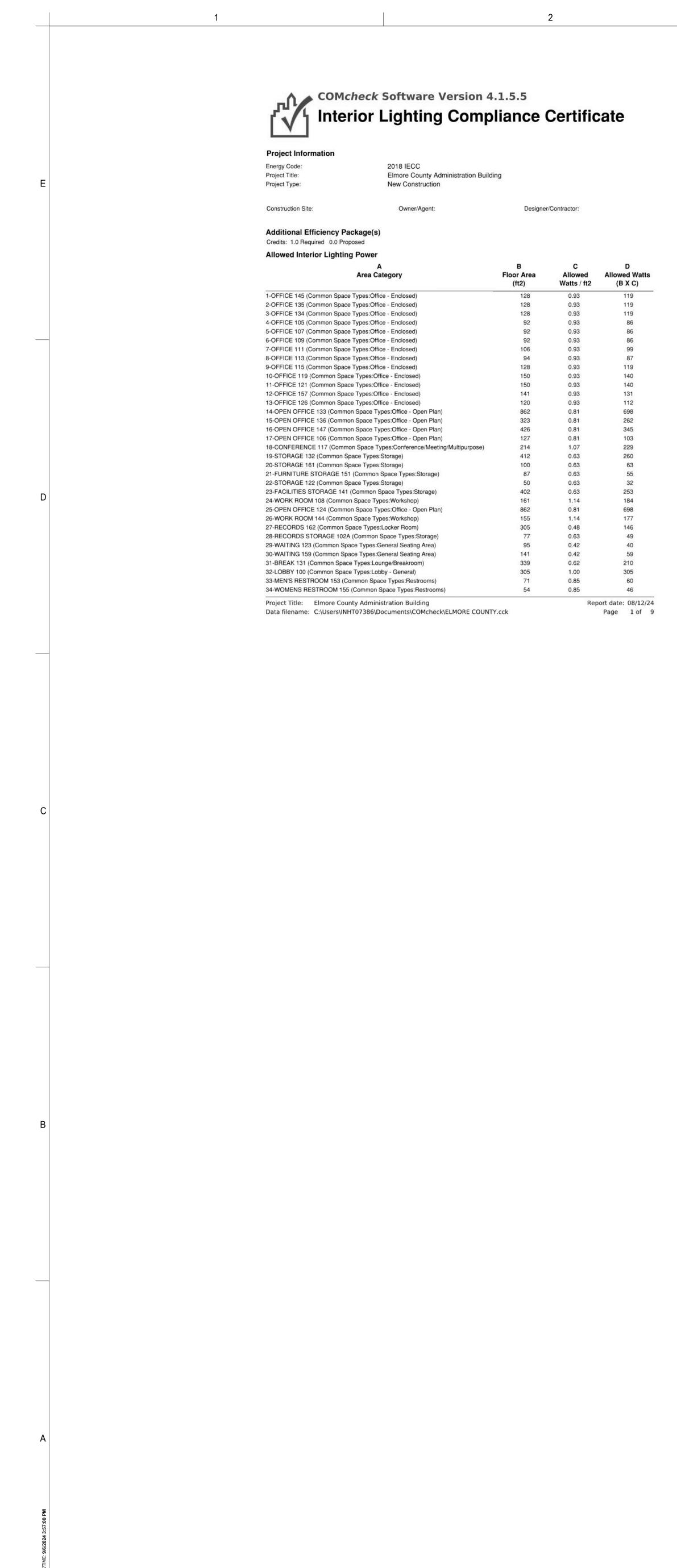
3 4

	5

	6
--	---



Ш S



A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2		D wed Watts (B X C)
35-MEN'S RESTROOM 129 (Common Space Types:Restrooms)	66	0.85		56
36-WOMENS RESTROOM 130 (Common Space Types:Restrooms)	87	0.85		74
37-WOMENS RESTROOM 104 (Common Space Types:Restrooms)	77	0.85		65
38-MEN'S RESTROOM 103 (Common Space Types:Restrooms)	64	0.85		54
39-CLASSROOM 149 (Common Space Types:Classroom/Lecture/Training)	788	0.96		756
40-CIRCULATION 160 (Common Space Types:Corridor/Transition >=8 ft wide)	171	0.66		113
41-CIRCULATION 140 (Common Space Types:Corridor/Transition >=8 ft wide)	294	0.66		194
42-CIRCULATION 101 (Common Space Types:Corridor/Transition >=8 ft wide)	521	0.66		344
43-CIRCULATION 110 (Common Space Types:Corridor/Transition >=8 ft wide)	225	0.66		148
44-CIRCULATION 114 (Common Space Types:Corridor/Transition >=8 ft wide)	198	0.66		131
45-CIRCULATION 120 (Common Space Types:Corridor/Transition >=8 ft wide)	128	0.66		84
46-CIRCULATION 128 (Common Space Types:Corridor/Transition >=8 ft wide)	326	0.66		215
47-RECEPTION 102 (Common Space Types:Lounge/Breakroom)	194	0.62		120
48-CIRCULATION (Common Space Types:Corridor/Transition >=8 ft wide)	222	0.66		147
49-HUDDLE (Common Space Types:Conference/Meeting/Multipurpose)	99	1.07		106
50-FIRE RISER (Warehouse Storage:Smaller, Hand-Carried Items)	37	0.69		26
51-JAN CLOS. (Common Space Types:Storage <50 sq.ft.)	66	0.46		30
52-FACILITIES STORAGE 1 (Common Space Types:Storage <50 sq.ft.)	17	0.46		8
53-FACILITIES STORAGE 2 (Common Space Types:Storage <50 sq.ft.)	17	0.46		8
	To	tal Allowed W	atts =	8394
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)
1-OFFICE 145 (Common Space Types:Office - Enclosed) LED 1: Other:	1	2	42	84
2-OFFICE 135 (Common Space Types:Office - Enclosed) LED 2: Other:	1	2	42	84
3-OFFICE 134 (Common Space Types:Office - Enclosed) LED 3: Other:	1	2	42	84
4-OFFICE 105 (Common Space Types:Office - Enclosed) LED 4: Other:	1	2	42	84
5-OFFICE 107 (Common Space Types:Office - Enclosed) LED 5: Other:	1	2	42	84
6-OFFICE 109 (Common Space Types:Office - Enclosed) LED 6: Other:	1	2	42	84
7-OFFICE 111 (Common Space Types:Office - Enclosed) LED 7: Other:	1	2	42	84
8-OFFICE 113 (Common Space Types:Office - Enclosed) LED 8: Other:	1	2	42	84
9-OFFICE 115 (Common Space Types:Office - Enclosed) LED 9: Other:	1	2	42	84
<u>10-OFFICE 119 (Common Space Types:Office - Enclosed)</u> LED 10: Other:	1	2	42	84
<u>11-OFFICE 121 (Common Space Types:Office - Enclosed)</u> LED 11: Other:	1	2	42	84

Project Title: Elmore County Administration Building Data filename: C:\Users\INHT07386\Documents\COMcheck\ELMORE COUNTY.cck Report date: 08/12/24

Page 2 of 9

Α
Fixture ID : Description / Lamp / Wattage Per Lamp / B
LED 12: Other:
13-OFFICE 126 (Common Space Types:Office - Enclosed) LED 13: Other:
14-OPEN OFFICE 133 (Common Space Types:Office - Open Plan) LED 14: Other:
15-OPEN OFFICE 136 (Common Space Types:Office - Open Plan) LED 15: Other:
16-OPEN OFFICE 147 (Common Space Types:Office - Open Plan) LED 16: Other:
17-OPEN OFFICE 106 (Common Space Types:Office - Open Plan) LED 17: Other:
18-CONFERENCE 117 (Common Space Types:Conference/Meeting/ LED 18: Other:
19-STORAGE 132 (Common Space Types:Storage) LED 19: Other:
20-STORAGE 161 (Common Space Types:Storage) LED 20: Other:
21-FURNITURE STORAGE 151 (Common Space Types:Storage) LED 21: Other:
22-STORAGE 122 (Common Space Types:Storage) LED 23: Other:
23-FACILITIES STORAGE 141 (Common Space Types:Storage) LED 22: Other:
24-WORK ROOM 108 (Common Space Types:Workshop) LED 24: Other:
25-OPEN OFFICE 124 (Common Space Types:Office - Open Plan) LED 25: Other:
26-WORK ROOM 144 (Common Space Types:Workshop) LED 26: Other:
27-RECORDS 162 (Common Space Types:Locker Room) LED 27: Other:
28-RECORDS STORAGE 102A (Common Space Types:Storage) LED 28: Other:
29-WAITING 123 (Common Space Types:General Seating Area) LED 29: Other:
30-WAITING 159 (Common Space Types:General Seating Area) LED 30: Other:
31-BREAK 131 (Common Space Types:Lounge/Breakroom) LED 31: Other:
32-LOBBY 100 (Common Space Types:Lobby - General) LED 32: Other: LED 33: Other:
33-MEN'S RESTROOM 153 (Common Space Types:Restrooms) LED 34: Other:
34-WOMENS RESTROOM 155 (Common Space Types:Restrooms) LED 35: Other:
35-MEN'S RESTROOM 129 (Common Space Types:Restrooms) LED 36: Other:
36-WOMENS RESTROOM 130 (Common Space Types:Restrooms)

LED 37: Other: 37-WOMENS RESTROOM 104 (Common Space Types:Restrooms)

Project Title: Elmore County Administration Building Data filename: C:\Users\INHT07386\Documents\COMcheck\ELMORE COUNTY.cck

4

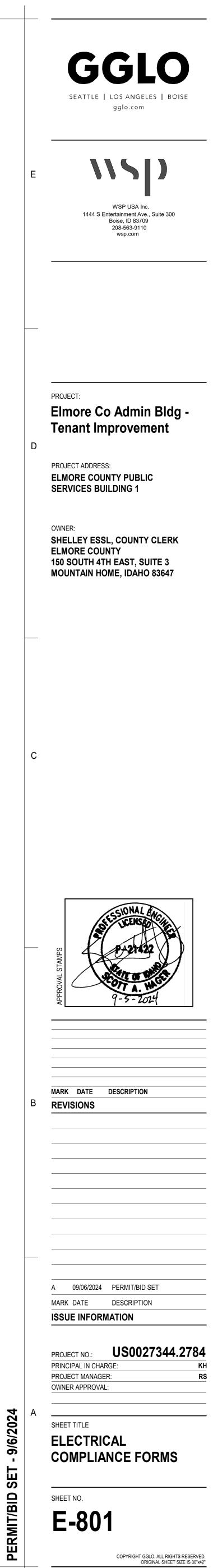
Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
	1	2	42	84
	1	2	42	84
	1	9	42	378
	1	4	42	168
	1	5	42	210
	1	2	42	84
/Multipurpose)	1	3	42	126
	1	3	42	126
	1	1	42	42
	1	1	42	42
	1	1	42	42
	1	6	42	252
	1	2	42	84
	1	2	42	84
	1	з	42	126
	1	4	42	168
	1	1	42	42
	1	2	42	84
	1	2	42	84
	1	4	42	168
	1	4	29	116
	1	8	18	144
	1	4	18	72
	1	3	18	54
	1	2	18	36
	1	3	18	54

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
LED 38: Other:	1	4	18	72
38-MEN'S RESTROOM 103 (Common Space Types:Restrooms)				
LED 39: Other:	1	4	18	72
39-CLASSROOM 149 (Common Space Types:Classroom/Lecture/Training)				
LED 40: Other:	1	12	29	348
LED 41: Other:	1	10	18	180
40-CIRCULATION 160 (Common Space Types:Corridor/Transition >=8 ft wide) LED 42: Other:	1	3	42	126
41-CIRCULATION 140 (Common Space Types:Corridor/Transition >= 8 ft wide) LED 43: Other:	1	3	42	126
42-CIRCULATION 101 (Common Space Types:Corridor/Transition >=8 ft wide)		Ŭ		1LU
LED 44: Other:	1	4	42	168
LED 45: Other:	1	4	18	72
3-CIRCULATION 110 (Common Space Types:Corridor/Transition >=8 ft wide)				
LED 46: Other:	1	3	42	126
14-CIRCULATION 114 (Common Space Types:Corridor/Transition >=8 ft wide)				
LED 47: Other:	1	2	42	84
45-CIRCULATION 120 (Common Space Types:Corridor/Transition >= 8 ft wide) LED 48: Other:	1	2	42	84
16-CIRCULATION 128 (Common Space Types:Corridor/Transition >=8 ft wide)				
LED 49: Other:	1	5	42	210
7-RECEPTION 102 (Common Space Types:Lounge/Breakroom)				
LED 50: Other:	1	3	42	126
H8-CIRCULATION (Common Space Types:Corridor/Transition >= 8 ft wide) LED 51: Other:	1	3	42	126
49-HUDDLE (Common Space Types:Conference/Meeting/Multipurpose)				
LED 52: Other:	1	2	42	84
50-FIRE RISER (Warehouse Storage:Smaller, Hand-Carried Items)				
LED 53: Other:	1	1	29	29
51-JAN CLOS. (Common Space Types:Storage <50 sq.ft.)				
LED 54: Other:	1	2	42	84
52-FACILITIES STORAGE 1 (Common Space Types:Storage <50 sq.ft.)				
LED 55: Other:	1	1	29	29
53-FACILITIES STORAGE 2 (Common Space Types:Storage <50 sq.ft.)				
LED 56: Other:	1	1	29	29
		Total Propos	ed Watts =	6053
Interior Lighting PASSES: Design 28% better than code				
Interior Lighting Compliance Statement				
Compliance Statement: The proposed interior lighting design represented in this d specifications, and other calculations submitted with this permit application. The pr designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.5 and to requirements listed in the Inspection Checklist.	oposed interi	or lighting s	ystems ha	ve been
Scott Hager, PE		09/0	06/2024	
Name - Title Signature		Date		

Page 3 of 9

5

Project Title: Elmore County Administration Building Data filename: C:\Users\INHT07386\Documents\COMcheck\ELMORE COUNTY.cck Report date: 08/12/24 Page 4 of 9



S

ABBREVIATIONS - MECHANICAL				
ABV	ABOVE			
AC	AIR CONDITIONING UNIT			
ACC	AIR COOLED CONDENSER			
ACD	AUTOMATIC CONTROL DAMPER			
AD	ACCESS DOOR			
AHU				
AL	ACOUSTICAL LINING			
ARCH				
ATC B	AUTOMATIC TEMPERATURE CONTROL BOILER			
BD	BALANCING DAMPER			
BDD	BACK DRAFT DAMPER			
BO	BLANK OFF			
BHP	BRAKE HORSE POWER			
BPT	BYPASS TERMINAL UNIT			
BTU	BRITISH THERMAL UNIT			
CC				
CD	CEILING DIFFUSER			
CFF	CAP FOR FUTURE			
CFM	CUBIC FEET PER MINUTE			
CG	CEILING GRILLE			
C0	CLEAN OUT			
COMP	COMPRESSOR			
CR	CEILING REGISTER			
CU	CONDENSING UNIT			
DB	DRY BULB			
DBF	DRY BOOSTER FAN			
DIA	DIAMETER			
DN	DOWN			
DRX	CLOTHES DRYER EXHAUST			
DX	DIRECT EXPANSION			
(E)	EXISTING TO REMAIN			
EA	EXHAUST AIR			
EAT				
ECH				
	ENTERING DRY BULB			
EDB EF	EXHAUST FAN			
EFF	EFFICIENCY			
EUH	ELECTRIC UNIT HEATER			
EWB EWT	ENTERING WET BULB ENTERING WATER TEMPERATURE			
°F				
F				
FBO				
FC	FLEXIBLE CONNECTION (DUCT OR PIPE)			
FD	FUSIBLE LINK FIRE DAMPER W/ DUCT ACCESS DOOR			
FLR	FLOOR			
FLA	FULL LOAD AMPS			
FPI	FINS PER INCH			
FRE	FIRE RATED ENCLOSURE			
FSD	COMBINATION FIRE AND SMOKE DAMPER			
FT	FEET			
GPM	GALLONS PER MINUTE			
GX	GENERAL EXHAUST			
HC	HEATING COIL			
HTP	HEAT PUMP			
HP	HORSE POWER			
HR	HOUR			
HV	HEATING AND VENTILATING UNIT			
HX	HEAT EXCHANGER			
ID	INSIDE DIMENSION			
ISS	INDOOR SPLIT SYSTEM			
KW	KILOWATT			
KWH	KILOWATT HOURS			
LAT	LEAVING AIR TEMPERATURE			
LBS	POUNDS			
LD	LINEAR DIFFUSER (CEILING, WALL, SILL OR FLOOR)			
LRA	LOCK ROTOR AMPS			
LWS	LOUVER WITH WIRE SCREEN			
MAT	MIXED AIR TEMPERATURE			
MAX	MAXIMUM			
MBH	THOUSAND BTU PER HOUR			

1

A	BBREVIATIONS - MECHANICAL
MFS	MAXIMUM FUSE SIZE
MIN	МІЛІМИМ
MOCP	MAXIMUM OVERCURRENT PROTECTION
(N)	NEW
NC	NORMALLY CLOSED
NFA	NET FREE AREA
NIC	NOT IN THIS CONTRACT
NK	NECK
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OAI	OUTSIDE AIR INTAKE
OBD	OPPOSED BLADE DAMPER
OSS	OUTDOOR SPLIT SYSTEM
Р	PUMP
PD	PRESSURE DROP
PSI	POUNDS PER SQUARE INCH (GAUGE)
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
(R)	EXISTING TO BE RELOCATED
RA	RETURN AIR
RF	RETURN FAN
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SD	SMOKE DAMPER
SF	SUPPLY FAN
SENS	SENSIBLE
SP	STATIC PRESSURE
SQFT	SQUARE FEET
TF	TRANSFER FAN
TRD	TRANSFER DUCT
TRG	TRANSFER GRILLE
ТХ	TOILET EXHAUST
TYP	TYPICAL
UH	UNIT HEATER
UON	UNLESS OTHERWISE NOTED
VAR	VARIABLE
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
W/	WITH
WB	WET BULB
WG	WATER GAUGE
WMS	WIRE MESH SCREEN
(X)	EXISTING TO BE DEMOLISHED
ZD	ZONE DAMPER
(300)	CUBIC FEET OF AIR PER MINUTE OR GALLONS PER MINUTE

16x6 8x6 16x6	DUCT SPLIT WITH SPLIT SIZE
	RADIUS ELBOW
	ELBOW WITH TURNING VANES
	RECTANGULAR BRANCH TAKEOFF WITH BALANCING DAMPER
	RECTANGULAR SUPPLY DUCT UP
	RECTANGULAR SUPPLY DUCT DOWN

	TWORK LEGEND (CONTINUED)	
	RECTANGULAR RETURN OR EXHAUST DUCT UP	
	RECTANGULAR RETURN OR EXHAUST DUCT DOWN	
	ROUND DUCT, UP	
	ROUND DUCT, DOWN	
	BEAM PENETRATIO N	
	SLOPING RISE IN DUCTWORK	
┝─ <u></u> <u></u>] <u></u>	SLOPING DROP IN DUCTWORK	
<pre> 18x12</pre>	DUCT SIZE (CLEAR INSIDE DIMENSION) FIRST FIGURE INDICATES PLAN SIZE	
<u>, 18∳</u> , <u>(</u> 18¢)	ROUND DUCT DIAMETER SIZE (CLEAR INSIDE DIMENSION)	
<u>180</u>	OVAL DUCT SIZE	
	SIDE, TOP OR BOTTOM DUCT ACCESS DOOR	
	DUCT LINING (DUCT SIZE NOTED INDICATES INSIDE DIMENSIONS)	
	RECTANGULAR OR SQUARE TO ROUND OR OVAL TRANSITION	
	FLEXIBLE CONNECTION	
<u> </u>	DUCT END/CAP	
	FLEXIBLE DUCT	
	DUCT COIL WITH ACCESS DOOR	
	VOLUME DAMPER IN DUCT	
	AUTOMATIC CONTROL DAMPER	
	FUSIBLE LINK FIRE DAMPER WITH DUCT ACCESS DOOR	
	SMOKE DAMPER WITH DUCT ACCESS DOOR	
	COMBINATION FIRE AND SMOKE DAMPER WITH DUCT ACCESS DOOR	
	BACK DRAFT DAMPER WITH DUCT ACCESS DOOR	
	LINEAR DIFFUSER	
	LINEAR DIFFUSER WITH PLENUM	

3

DUC	TWORK LEGEND(CONTINUED)											
	1-WAY BLOW 3-WAY BLOW											
	CEILING DIFFUSER 2-WAY BLOW 4-WAY BLOW											
	CEILING DIFFUSER WITH FLEXIBLE DUCT CONNECTION											
	RETURN/EXHAUST REGISTER OR GRILLE											
	RETURN/EXHAUST REGISTER OR GRILLE WITH FLEXIBLE DUCT CONNECTION											
<u>©</u>	ROUND CEILING DIFFUSER WITH FLEXIBLE DUCT CONNECTION											
0	ROUND CEILING DIFFUSER											
0	FLOOR SWIRL DIFFUSER											
	FIRE RATED ENCASED DUCT											
	TRANSFER GRILLES ON BOTH SIDES OF PARTITION OR WALL (SIZE)											
↓ WO-SIZE	WALL OPENING ABOVE HUNG CEILING (SIZE)											
$\begin{array}{c c} & & \\ & & \\ & & \\ \hline & & \\ & & \\ \hline \\ \hline$	SUPPLY REGISTER WITH AIR OUTLET DEVICE DESIGNATION											
$\begin{array}{c} & & \\$	RETURN OR EXHAUST REGISTER OR GRILLE WITH AIR INLET DEVICE DESIGNATION											
ACCESS AREA	TERMINAL UNIT WITH/WITHOUT HEATING COIL											
ACCESS 52 AREA 52	FAN POWERED TERMINAL UNIT WITH/WITHOUT HEATING COIL											
ACCESS AREA AREA AREA AREA	UNDERFLOOR FAN TERMINAL UNIT WITH/WITHOUT HEATING COIL											
	DOUBLE-SIDED AIR LIGHT FIXTURE TROFFER											
	SINGLED-SIDED AIR LIGHT FIXTURE TROFFER											
	MISCELLANEOUS											
(P/T)	DIFFERENTIAL PRESSURE SENSOR											
	DIFFERENTIAL PRESSURE SENSOR											
	DIFFERENTIAL PRESSURE SWITCH											
\\ \\	NEW WORK EXISTING WORK											
	EXISTING WORK TO BE REMOVED											
	POINT OF NEW CONNECTION TO EXISTING WORK											
ϕ	OVAL											
Ø 	DIAMETER UNDERCUT DOOR											
HW 1	RISER DESIGNATION											
2 M3.1	SECTION DESIGNATION SECTION NUMBER DRAWING NUMBER											
1 M2.1	DETAIL DESIGNATION											
	EQUIPMENT DESIGNATION EQUIPMENT TYPE EQUIPMENT FLOOR AND NUMBER											
3-24	3-24 TERMINAL DESIGNATION FLOOR OR LEVEL											

4

4

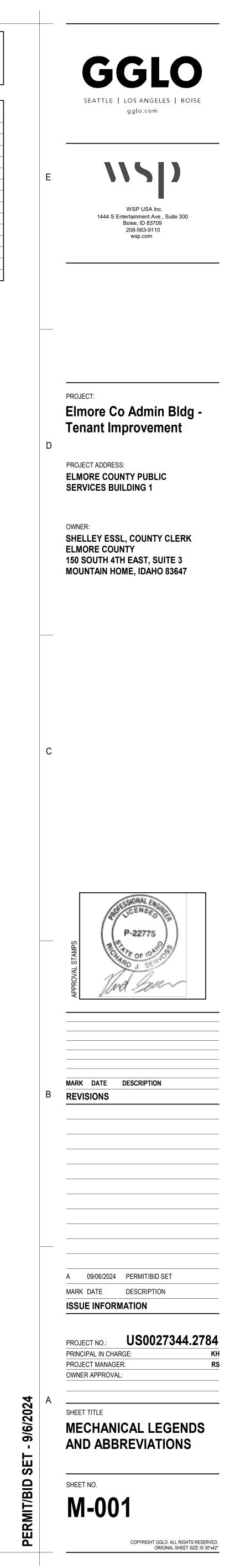
5

MIS	CELLANEOUS)
FSD-1-1	FIRE, SMOKE & FIRE SMOKE DAMPER DESIGNATION	1-1 THE NUMBE	R ON THE FLOOR EVEL
<u>CD-1,12x12</u> (550)	AIR OUTLET/INLET DEVICE DESIGNATION	<u>CD-1,12x12</u> (550)	TYPE NECK OR FACE SIZE CFM
<u>LD-A,48x1,8</u> ø (300)	LINEAR DIFFUSER DEVICE DESIGNATION	LD-A,48x1,8ø (300)	TYPE LENGTH & SLO SIZE PLENUM INLET SIZE CFM
\diamond	KEYNOTE		
<u>ZRT-A</u> (25), (75)	ZONE REGISTER TERMINAL DEVICE DESIGNATION		TYPE XIMUM AIR FLOW IIMUM AIR FLOW
	DRAWING REVISION	DESIGNATION WITH NU	IMBERS

5

MECHANICAL SHEET LIST SHEET NUMBER SHEET NAME

SHEET NUMBER	SHEET MAINE
M-001	MECHANICAL LEGENDS AND ABBREVIATIONS
M-002	MECHANICAL GENERAL NOTES
M-003	MECHANICAL ENERGY CODE COMPLIANCE
M-011	MECHANICAL SCHEDULES
M-021	MECHANICAL VENTILATION CALCULATIONS
M-022	MECHANICAL VENTILATION CALCULATIONS
M-101	MECHANICAL DEMOLITION PLAN - LEVEL 1
M-102	MECHANICAL DEMOLITION PLAN - ROOF
M-201	MECHANICAL PLAN - LEVEL 1
M-201.1	MECHANICAL PLAN - LEVEL 1 QUADRANT A
M-201.2	MECHANICAL PLAN - LEVEL 1 QUADRANT B
M-202	MECHANICAL PLAN - ROOF
M-501	MECHANICAL DETAILS

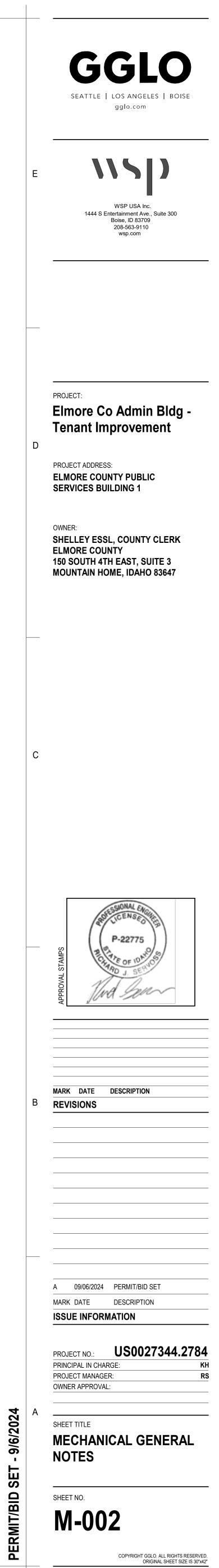


 A. Source and a status of a s	 TUNCTIONE INC. SETUP IN CONTRACTION OF ALL LODG. TELESCHOLD, THE STATE AND ALL REPORTS TO CONTRACT, AND AL	OWNER OR AS THE WORK OF THE TRADES. WEREY LOCATION OF EQUIVALENT ROUGH- INCLATIONS, MAY THE OF CONSCIPLING PLOCE TO INSTALLIANCE AS EXAMPLE CONNECTIONS DO DOWNASS BUILWEIT TALS, AND PROCE TO INSTALLIANCE AS EXAMPLE CONNECTIONS DO DOWNASS BUILWEIT TALS, AND PROCE TO INSTALLIANCE AS EXAMPLE CONNECTIONS DO DOWNASS BUILWEIT TALS, AND PROCE TO INSTALLIANCE AS EXAMPLE CONNECTIONS DO CONSCIPLING THE PLASMING AND INSTALLIANCE AS THE AWAYLOW OR REVICATION WAY BE COMMENT. COORDINATE THE PLASMING AND INSTALLIANCE AS THE STRUCTURE SHOWS DO THE DARRES AND AT THE OWNANDES FOR ELEVITONIS OF DEFUNDS IN FUNDING THE PLASMING AND INSTALLIANCE AND REVIEW TO THE WORK OF ALL OTHER TRADES BEAR THE EXPOSISE OF CONSTITUCTION AND REVIEWED IN THE WORK OF ALL OTHER TRADES INDERTOR TO A DOWNING STORE ELEVITONIS OF DEFUNDS IN FUNDING THE PLASMING AND INSTALLIANCE CONSTITUCTION IN CLEAN AND STRUCTURE REPERS AND AT THE PLASMING AND REVIEWED IN THE WORK OF ALL DOWNED AND REVIEW STRUCTURE OF CONSTITUCTION INCLUENCE THE NORM OF DEFUNDENT OF CONSTITUCTION INCLUENCE IN THE INTER MEDINATION OF AND CONSTITUCTION INCLUENCE IN THE INTER OWNED AND INTER THE MEDINATION OF AND CONSTITUCTION INCLUENCE. STRUCTURE INTER ON THE DARRES AND OTHER BEARDS OF GENERAL CONSTITUCTION INCLUENCE. BUT NOT LINTER TO EQUIPMENT TO AUGUSTER FOR CONSTITUCTION INCLUENCE. BUT NOT LINTER TO EQUIPMENT TO AUGUSTER FOR CONSTITUCTION INCLUENCE. BUT NOT LINTER TO EQUIPMENT TO AUGUSTER FOR THE INTER OWNED INTER OTHER DARRES AND OTHER DEFUNDING ELEVITICAL CONSTITUCTION INCLUENCE. BUT HE LINTE TO EQUIPMENT TO AUGUSTER FOR THE INTER OWNED INTER OTHER OTHER ON AUGUSTER TO AUGUSTER FOR CONSTITUCTION INCLUENCE. BUT HE AUGUSTER FOR CONSTITUCTION INCLUENCE. BUT HE STRUCTURE AUGUSTER AND OTHER THE REVISE OF GENERAL CONSTRUCTION OF INSTALL CELLING AUGUSTER FOR THE AUGUSTER AUGUSTER OF THE AUGUSTER ON AUGUSTER THE OWNED AUGUSTER FOR THE AUGUSTER OF THE AUGUSTER ON AUGUSTER AUGUSTER AUGUSTER AUGUSTER AUGUSTER OF THE AUGUSTER ON AUGUSTER AUGUSTER AUGUSTER AUGUSTER AUGUSTER AUGUSTER AUGUSTER AUGU
 Alternational and a second seco	Add and the Alternative Alterna	COORDINATE THE PHASING AND INSTALLATION OF NEW WORK WITH THE WORK OF ALL OTHER TRADES BEAT THE SPRINGE FOR ANY ADDITIONAL WORK WITH THE WORK OF ALL OTHER TRADES BEAT THE SPRINGE FOR ANY ADDITIONAL WORK WITH THE WORK OF ALL CHARGE PHARMER SEQUENCING CONSTRUCTION ACTIVITIES. REFER TO ARONTECTURAL DRAWING FOR LEVATIONS OF DEVICES IN FINISHE MECHANICAL DEVICES IE CITEMERATURE SENSORS PANELS AND SWITCHES, SO THAT THEY DO TO CON LET UTINE GENERAL CONSTRUCTION IS, GUNAROSE, DOOR HARDWARE, BLECTRICAL DEVICES IE C. LIGHT SWITCHES, SPRAKESS, OUTLETS, MD THE WORK OF OTHER TRADES, ALL DOVES IE CATEDIN DEPARTING ROOMS ARE TO COORDINATED WITH THE MILITARE CLINKER FOR ESHEAL CONSTRUCTION CLINING, BUT NOT LINEE TO CAUPERING HOUSENEET RESOLUTION CONTRUCTION, CLINING, BUT NOT LINEE TO CAUPERING HOUSENEET RESOLUTION CONTRUCTION ADD SEALING DETAILS, AND OTHER LEILENN S OF GENERAL CONSTRUCTION NICLUUNG, BUT NOT LINEE TO CAUPERING HOUSENEET RESOLUTION ON CLINING, SWITE COORDINATED WITH THE MILITARE CLINKER FOR SENERAL CONSTRUCTION NICLUUNG, BUT NOT LINEE TO CAUPERING HOUSENCETHOR AND SOF CELLING THAN THE CONTER OF REFER TO ARONTIED THESIS IN THE CONTER OF CELLING TURNED THE THEN INSTALL CELLING NOUTED THESIS IN THE CONTER OF CELLING TURNED THE THEN INSTALL CELLING NOUTED THESIS IN THE CONTER OF CELLING TURNED THE THEN INSTALL CELLING NOUTED THESIS IN THE CONTER OF CELLING TURNED THE CONTER OF REAL SOFTWARE THE TO THE CONTERNO FOR AND INSTALLATION COORDINATE LICUPAKINT POWER CONNECTION NED LECTICAL CHARACTERISTICS WITH LICUTERCE. CHARACTERISTICS THAN THE INTERPRETERS TO ROUGHAN AND INSTALLATION. COORDINATE LICUPAKINT POWER CONNECTION NED LECTICAL CHARACTERISTICS WITH LICUTERCE. CHARACTERISTICS THAN THE INTERPRETERS TO RECOUNTED DEVICES AS REQUIRED TO ALLOW FOR REFURING AND NETWORK OF ROUTED PROVIDE CLINKARD CHARACTERISTICS WITH LICUTERCE. CHARACTERISTICS THAN THE CONTERNATION OF A CAUPE THE TO THE CHARACTERISTICS WITH LICUTERCE AND CHARACTERISTICS THAN THE CONTERNATION OF A CAUPE THE STALL CONTER CHARACTERISTICS AND CHARACTERISTICS T
 A. M. C. M.	 ALL WITZER ALL REPORTS INCOME: UNKNOWN CONTROL ON CONTROL OF ALL REPORTS IN CONTROL OF ALL REPORTS INCOME AND ADDRESS OF ADDRESS OF	AREAS AND AT HEIGHTS INDICATED ON ARCHITECTURAL ELEVATIONS. LICATE MECHANICAL DEVOSES (LG. TEMBERTATURE SENSORS, PARLIS AND SWITCHES), SO THAT THEY DO NOT CORFLICT WITH GRIEBAL CONSTRUCTION (E.G. WANISCOT, DOOR HARDWARE), ELEVICAL DEVOSES (LG. LIGHT SWITCHS, SPACKERS, DUDIETS), AND THE WORK OF OTHER TRADES, ALL DEVICES LOCATEDIN OPERATION ROUNDS ARE TO COORDINATED WITH THE MULTICARE, CLINKAL SWITCHS, SPACKERS, DUDIES, SPACKERS, SP
 The state is a function of the stat	THE CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS BEFORE START OF WORK. AND DISCREPANCES FOUND BETWEEN EXISTING CONDITIONS AND WHAT IS NOICATED ON THESE DRAWINGS IS TO BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE BEFORE PROCEEDING. BELATED TO THIS CONTRACT AND ALL INCLUDED WORK ON PLANS FOR OTHER TRADES. \$9. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HWAC WORK WITH EXESTING CONDITIONS AND THE WORK OF OTHER TRADES. MINOR DEVALTORS FROM THE PLANS MAY DE MADE TO AVOID MINOR CONFLICTS. WHEN MADR CONFLICTS RE APPRAVENT. THE ARCHITECT HENDER: THE CONTRACTOR SHALL ALLOW IN THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HWAC WORK WITH EXESTING CONDITIONS AND THE WORK OF OTHER TRADES. MINOR DEVALTIONS FROM THE PLANS MAY DE MADE TO AVOID MINOR CONFLICTS. WHEN MADR CONFLICTS RE APPRAVENT. THE ARCHITECT HALL BE EVENTS PLAN INSTALLATION OF NEW STALLED UNTIL THE CONFLICT SHALL E DURING CONFLICTS. WORK WITH EXESTING CONDITIONS TO E SHALL BOUND CONFLICTS. WORK WITH EXESTING CONDITIONS TO FORMECTIONS TO EXISTING WORK TO ESSULVED. THE WORK MITH EXESTING CONDITIONS AND THE WORK OF ALL THES PLANS IS BASED ON PREVIOUSLY PREPARED INTERIOR FLICTURES REPORTED THE RECENT AND THE RECESSARY TO AVOID OBSTRUCTIONS. THE DUCIDE CONDITIONS AND DIFFUNDENT THAN SHOWN. THE CONTRACTOR SHALL DONNE CTIONS TO EXISTING WORK TO ENSURE MINIMUM INTERFERENCE WITH REGULAR OPERATION OF EXISTING FALL THES PLANSED SHOW ON STORMED TO STALLED WORK. THE WORK AND CONNECTIONS TO EXISTING WORK TO HIE CONTRACTOR SHALL REQUEST ANY DULDNO SYSTEMS SHUTDOWN NO ARALLED WITH THE ARCHITECT OF DISCREPANCES WHICH WICK MINIMUM INTERFERENCE WITH REGULAR OPERATION OF EXISTING FOR THE CONTRACTOR SHALL REQUEST ANY DIAL DATE ON THE CONTRACT TO HIE CONTRACTOR SHALL REQUEST ANY DIAL DATE ON THE CONTRACT TO HIE CONTRACTOR SHALL REQUEST ANY DIAL DATE ON THE CONTRACT TO HIE CONTRACTOR SHALL REQUEST ANY DIAL DATE ON THE MEDIN	EXCEPT WHERE OTHERWISE APPROVED. DO NOT CONNECT OTHER TRADE ITEMS TO CABLE TRAY, CABLE TRAY SUPPORTS OR CABLE TRAY SEISMIC RESTRAINTS. PROVIDE SUPPORT FOR SYSTEMS AS SPECIFIED, AS REQUIRED, AND AS SHOWN ON THE DRAWINGS. IF REQUIRED FOR INSTALLATION OF PIPES, DUCTS, AND EQUIPMENT, DESIGN AND PROVIDE ADDITIONAL STRUCTURAL MEMBERS BETWEEN COLUMN, JOISTS, AND STRUCTURAL FRAME TO MEET SUPPORT AND SEISMIC RESTRAINT REACTIONS (FORCES, MOMENTS, DEFLECTIONS). STRUCTURAL MEMBERS AND ANCHORAGES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE IN WHICH THIS PROJECT IS LOCATED. REFER TO STRUCTURAL DRAWINGS FOR DESIGN CRITERIA. SUBMIT STRUCTURAL MEMBERS SHOP DRAWINGS AND CALCULATIONS FOR REVIEW. STRUCTURAL MEMBERS, BOLTS, AND WELDS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SHOWN ON THE STRUCTURAL DRAWINGS AND INDICATED IN THE SPECIFICATIONS. NO WELDING, OR OTHER MEANS OF ATTACHMENTS TO THE STRUCTURAL MEMBERS SHALL BE MADE ON PORTIONS OF STRUCTURAL MEMBERS AT OR NEAR CONNECTIONS BETWEEN STRUCTURAL MEMBERS ON ANY ELEMENTS DESIGNATED IN THE SEISMIC LOAD RESISTING SYSTEMS UNLESS APPROVED BY THE STRUCTURAL ENGINEER. SUPPORT SHALL NOT INDUCE TORSIONAL LOAD INTO SUPPORTING STRUCTURAL FRAMING. DO NOT CORE DRILL OR DRILL THROUGH BEAMS, COLUMNS OR SHEAR WALL UNLESS INDICATED ON STRUCTURAL DRAWINGS OR AS APPROVED BY THE STRUCTURAL
Bit Provide August Contracts Provide Aug	 CONTRACTOR SHALL VERIFY ALL POINTS OF CONNECTIONS BEFORE COMMENCING WORK. PLAN INSTALLATION OF NEW WORK AND CONNECTIONS TO EXISTING WORK TO ENSURE MINIMUM INTERFERENCE WITH REGULAR OPERATION OF EXISTING FACILITIES, PROVIDE TEMPORARY DUCT CAPS AND/OR CONNECTIONS TO EXISTING SHUTDOWN TIME. THE CONTRACTOR SHALL REQUEST ANY BUILDING SYSTEMS SHUTDOWN NO EARLIER THAT THREE BUSINESS DAYS IN ADVANCE BY NOTIFYING THE GWIRERS AUTHORIZED THE CONTRACTOR SHALL REQUEST ANY BUILDING SYSTEMS SHUTDOWN NO EARLIER THAT THREE BUSINESS DAYS IN ADVANCE BY NOTIFYING THE GWIRERS AUTHORIZED REPRESENTATIVE WHO BUIL COORDINATE THE SHUT DOWN. SHUT DOWN TIME SHALL BE KEPT TO A MINIMUM WHERE WORK MIST BE DONE AFTER HOURS OR REQUIRES AN EQUIPMENT SHUTDOWN SUCH AS FOR THE INSTALLATION OF NEW DUCTWORK AND PIPING, OR REMOVAL OF EXISTING DUCYWORK AND PIPING, THE CONTRACTOR SHALL PROVIDE THE OWNER'S AUTHORIZED REPRESENTATIVE WHO BUIL COORDINATE THESHUT DOWN. SHUT DOWN TIME SHALL BE KEPT TO A MINIMUM WHERE WORK MIST BE DONE AFTER HOURS OR REQUIRES AN EQUIPMENT SHUTDOWN SUCH AS FOR THE INSTALLATION OF NEW DUCTWORK AND PIPING, OR REMOVAL OF EXISTING DUCYWORK AND PIPING, THE CONTRACTOR SHALL PROVIDE THE OWNER'S AUTHORIZED REPRESENTATIVE WITH TITRE BUSINESS DAYS IN TOC. INCLUDE ALL SUCH WORK, MATERIAL, AND OVERTIME IN BID PRICE DO NOT SHUTDOWN ANY SYSTEM OR EQUIPMENT PRIOR TO OBTAINING WRITTEN APPROVAL FOR IT. ALL ECONTRACTOR SHALL SUCH WORK, MATERIAL AND OVERTIME IN BID PRICE DO NOT SHUTDOWN ANY SYSTEM OR EQUIPMENT PRIOR TO OBTAINING WRITTEN APPROVAL FOR IT. ALL ECONTRACTOR SHALL BUSCH DONG WITH THE OWNER'S REPRESENTATIVE. ALL ECONTRACTOR SHALL APROVIDE AND INSTALL ALL ITEMS NECESSARY FOR THE CONTRACTOR SHALL REAVENT AND MATERIALS TO BE REMOVED SHALL BE DISPOSED OF LEGALLY. NO DEMOLITION TO BE LEFT ABANDONED IN PLACE. THE CONTRACTOR SHALL APROVIDE AND INSTALL ALL ITEMS NECESSARY FOR THE CONTRACTOR SHALL REPORD SHALL BE DISPOSED OF LEGALLY. NO DEMOLITION TO BE L	REQUIREMENTS SHOWN ON THE STRUCTURAL DRAWINGS AND INDICATED IN THE SPECIFICATIONS. NO WELDING, BOLTING, OR OTHER MEANS OF ATTACHMENTS TO THE STRUCTURAL MEMBERS SHALL BE MADE ON PORTIONS OF STRUCTURAL MEMBERS AT OR NEAR CONNECTIONS BETWEEN STRUCTURAL MEMBERS ON ANY ELEMENTS DESIGNATED IN THE SEISMIC LOAD RESISTING SYSTEMS UNLESS APPROVED BY THE STRUCTURAL ENGINEER. SUPPORT SHALL NOT INDUCE TORSIONAL LOAD INTO SUPPORTING STRUCTURAL FRAMING. DO NOT CORE DRILL OR DRILL THROUGH BEAMS, COLUMNS OR SHEAR WALL UNLESS INDICATED ON STRUCTURAL DRAWINGS OR AS APPROVED BY THE STRUCTURAL
Builty and Product Type Andread Code Code Code Code Code Code Code Cod	 FACILITIES. PROVIDE TEMPORARY DUCT CAPS AND/OR CONNECTIONS TO MINIMIZE SHUTDOWN TIME. THE CONTRACTOR SHALL REQUEST ANY BUILDING SYSTEMS SHUTDOWN NO EARLIER THAN THREE BUSINESS DAYS IN ADVANCE BY NOTPING THE OWNER'S AUTHORIZED REPRESENTATIVE WHO WILL COORDINATE THE SHUTDOWN. SHUT DOWN TIME SHALL BE KEPT TO A MINIMUM. WHERE WORK MUST BE DONE AFTER HOURS OR REQUIRES AN EQUIPMENT SHUTDOWN SUCH AS FOR THE INSTALLATION OF NEW DUCTWORK AND PIPING, OR REMOVAL OF EXISTING DUCTWORK AND PIPING, THE CONTRACTOR SHALL PROVIDE THE OWNER'S AUTHORIZED REPRESENTATIVE WITH THREE BUSINESS DAYS NOTE: INCLUDE ALL SUCH WORK, MATERIAL, AND OVERTIME IN BID PRICE. DO NOT SHUTDOWN ANY SYSTEM OR EQUIPMENT PRIOR TO OBTAINING WRITTEN APPROVAL FOR IT. THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION, JOB-SITE MEETING PRIOR TO ANY DEMOLITION TO SCHEDULE WORK WITH THE OWNER'S REPRESENTATIVE. ALL EQUIPMENT AND MATERIALS TO BE REMOVED SHALL BE DISPOSED OF LEGALLY. NO DEMOLITION TO SCHEDULE WORK WITH THE OWNER'S REPRESENTATIVE. ALL EQUIPMENT AND MATERIALS TO BE REMOVED SHALL BE DISPOSED OF LEGALLY. NO DEMOLITION TO BE LEFT ABANDONED IN PLACE. CONTRACTOR SHALL PROVIDE AND INTERIAL AND DESTEMEETING PRIOR TO ANY DEMOLITION TO BE LEFT ABANDONED IN PLACE. CONTRACTOR SHALL PROVIDE AND INTERIAL AND DESTEMEETING PRIOR TO ANY DEMOLITION TO BE LEFT ABANDONED HIN PLACE. CONTRACTOR SHALL PROVIDE AND INTERIAL AND DESTEMENT AND ADDITIONAL COST TO THE OWNER AT AN EQUIPMENT AS REQUIRED BY CODE WITHOUT ADDITIONAL COST TO THE OWNER AND AND REQUIRED BY CODE WITHOUT ADDITIONAL COST TO THE EQUIPMENT AS REQUIRED BY CODE WITHOUT ADDITIONAL COST TO THE OWNER AND AND REAGUNER AS ARE 41. ALL NEW AND EXISTING TO REMAIN TEMPERATURE SENSORS IN THE AREA OF WORK SOUND TO BE DEFECTIVE SHALL BE REPLACED WITH WARK COORDINATE FINAL 	SUPPORTING STRUCTURAL FRAMING. DO NOT CORE DRILL OR DRILL THROUGH BEAMS, COLUMNS OR SHEAR WALL UNLESS INDICATED ON STRUCTURAL DRAWINGS OR AS APPROVED BY THE STRUCTURAL
DURING CONSTRUCTION MUST BE REPARED AND SEALED IF HOLES OR OTHER WORK, AS NOTED OR REQUIRED FOR PROPER INSTALLATION OF THE NEW PENETRATIONS ARE MADE. IF DUCTWORK OPENINGS ARE MADE IN EXISTING OTHER WORK, AS NOTED OR REQUIRED FOR PROPER INSTALLATION OF THE NEW NSULATED DUCTWORK, DUCT CAPS ARE TO BE INSULATED TO MATCH. OTHER WORK, AS NOTED OR REQUIRED FOR PROPER INSTALLATION OF THE NEW CONTRACTOR SHALL REPAIR ANY LEAK IN ANY DUCTWORK FOUND DURING UNLESS OTHERWISE NOTED, INCLUDE ALL CUTTING AND PATCHING OF EXISTING BALANCING OF THE SYSTEM. UNLESS OTHERWISE NOTED, INCLUDE ALL CUTTING AND DATER MATERIALS IN THE EXISTING BUILDING. THE CONTRACTOR SHALL REPAIR ANY LEAK IN ANY DUCTWORK FOUND DURING UNLESS OTHERWISE NOTED, INCLUDE ALL CUTTING AND PATCHING OF EXISTING DESCRIBE THE REQUIRED SIZE, INDIVIDUAL SEGMENTS OF DUCT AND PIPE BETWEEN CONDITION SATISFACTORY TO THE ARCHITECT. YENG NUMER SHALL BE THE SAME SIZE IS NOT SYSTEM SHOWN WITH A SIZE INDICATED. WITH A SIZE INDICATED.	SUPPORTS. ACCESS CLEARANCES. FIRE JAMPERS. VIENTION ELIMINATORS. NOTOR CONTROLLERS, INSULATION, ELECTRICAL WIRING, LUBRICATION, START-UP AND SERVICE, ETC. INSTALL NEW AIR DISTRIBUTION SYSTEM SO AS NOT TO INTERFERE WITH STRUCTURAL, PLUMBING, SERVINEER, AND LICHING SYSTEMS. ACCESS TO EXISTING EQUIPMENT ABOVE CELLING SHALL BE, MAINTAINED. DO NOT SUPPORT ANY CELLINGS. SYSTEMS OR OTHER BUILDING STRUCTURE FROM DUCTWORK OR PRES. DO NOT ALLOW DUCTS, PIESE OR CODUUTS TO DIRECTLY. COME IN CONTACT WITH BUILDING SHALL NOT BE USED AS RETURN AIR PLENUM. CELLING SPACE ABOVE HUNG CELLING SHALL NOT BE USED AS RETURN AIR PLENUM. PROVIDE OTHER SHALL BE SUSPENDED FROM THE BUILDING STRUCTURE IN SOUDE CODE APPROVED SAFING AROUND ALL PIPING AND DUCTWORK POINT ACCESS TO EXISTING AND THE AUGUMENT, AVECES ON CORDINATE WITH ARCHTECT FOR THE LOCATION. ALL DUCTWORK SHALL BE SUSPENDED FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE LICETE TO UNDERSIDE OF BUILDING STRUCTURE IN ACCORDANCE WITH THE LICETE AND ALL MECHANICAL. EQUIPMENT FROM BEAM OR SLAB ABOVE. ALL DUCTWORK SHALL BE SUSPENDED FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE LICETE TO UNDERSIDE OF BUILDING STRUCTURE INADUS BUCK TORK. ALL DUCTWORK SHALL BE SUSPENDED FROM THE BUILDING STRUCTURE INADUS BUCK TORK. ALL DUCTWORK SHALL BE SUSPENDED FROM THE BUILDING STRUCTURE INADUS BUCK TORK. ALL DUCTWORK SHALL BE STALLE D TIGHT TO UNDERSIDE OF BUILDING STRUCTURE INADUS BUCK TORK. ALL DUCTWORK SHALL BE STALLE D TIGHT TO UNDERSIDE OF BUILDING STRUCTURE INADUS BUCK TORK. ALL DUCTWORK SHALL BE STALLE TO TOW THA TO OTHORY STALADARDS.	INSTALLATION OF PIPING SYSTEMS. REFER TO SPECIFICATIONS FOR REQUIREMENTS. COORDINATE THE LAYOUT OF EQUIPMENT, DUCTWORK, PIPING, AND APPURTENNACE SO THAT IF THE LAYOUT OF EQUIPMENT DUCTWORK, PIPING, AND APPURTENNACE SO THAT IF THE NITO THE SPACE ALLOTTED. PROVIDE SERVICE ACCESS AND CLEARANCE AS INDICATED ON DRAWINGS, AS REQUIRED BY CODES, AND AS RECOMMENDED BY THE MANIFACTUREPR FOR THE INSTALLATION, COORDINATE LAYOUT OF EQUIPMENT, AND EQUIPMENT, PRIOR TO INSTALLATION, COORDINATE LAYOUT OF EQUIPMENT, AND EQUIPMENT, PRIOR TO INSTALLATION, COORDINATE LAYOUT OF EQUIPMENT, AND EQUIPMENT INSTALLED BY OTHERS: DRAWINGS ARE DIAGRAMMATIC AND EQUIPMENT INSTALLED BY OTHERS: DRAWINGS ARE DIAGRAMMATIC AND SHOW APPROXIMATE LOCATIONS OF EQUIPMENT, DUCTYOOK, PIPING, AND APPURTENANCES, DDAWINGS DO NOT SHOW REQUIRED TRANSITIONS, OFFSETS, FITTINO, AND DEVICES, REFER TO DETAILS, DUAGRAMS, AND SPECIPICATIONS FOR REQUIRED SYSTEM APPURTENANCES, CORDINATED AND ARRANGE NUM DEVICE MANUFACTURER RECOMMENDATIONS. CAREFULLY INNESTIGATE LEMENTS OF CONSTRUMANEL OLD LAYLES, ETC. INSTALL DEVICES IN ACCORDANCE WITH DEVICE MANUFACTURER RECOMMENDATIONS. CAREFULLY INNESTIGATE LEMENTS OF CONSTRUMANEL OUT THAT CONDUCTION THAT COULD AFFECT THE WORK TO BE PERFORMED AND ARRANGE NEW WORK ACCORDINGLY. PREPARE COORDINATIONS. SUPPORTS AND ATREMPTICANACES ACONTINUES THE TOTAL EXPENSE OF RE-WORK THAT IS CAUSED BY FAILURE TO COORDINATE. PROVIDE MAXIMUM HEADROM AND LOKED AND PHORE MANUFACIURER, PINISA THE TOTAL EXPENSE OF RE-WORK THAT IS CAUSED BY FAILURE TO COORDINATE. PROVIDE MAXIMUM HEADROM AND CAPACITIES PROVIDE REQUIRED OFFSETS, ATTICA TO EQUIPMENT ASSOCIATED SUPPORTS AND RESTRATTS. UNLESS OTHERWISE INDICATED, INSTALL STOLET TOR SUPPORTS AND RESTRATIST. UNLESS OTHERWISE INDICATED, MANUFACTURER, PROVIDE EQUIPMENT WHICH MEET OR EXCEEDS THE SCHEDULE OVALUES. MARK THE CONTRACT DRAWING EQUIPMENT SCHEDULEST DANGLED TO BUE DEDAILS OFFICIES, SCHEDULES AND DETAILS FOR INLEST AND ACTIET TO BE DEMOLOSISHIE, ALLASSOCIATED APPURTENNACES ARE

| 1 |

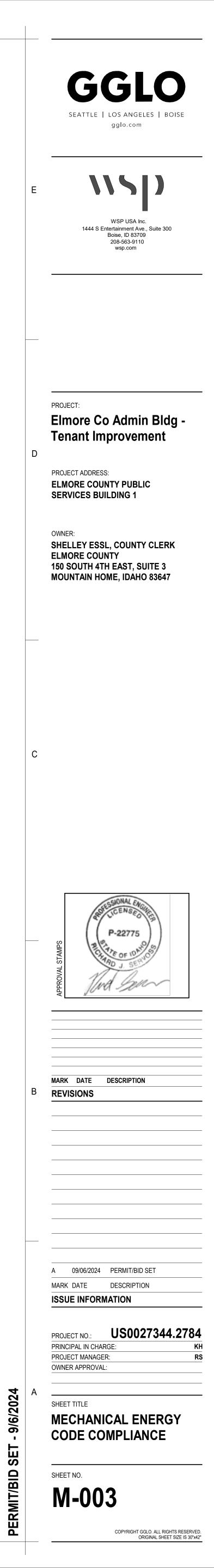
	APPLICABLE CODES AND STANDARDS
•	BUILDING CODES:
	 2018 INTERNATIONAL BUILDING CODE, WITH AMENDMENTS 2018 INTERNATIONAL ENERGY CONSERVATION CODE, WITH
	AMENDMENTS COLLECTIVELY NAMED THE IDAHO ENERGY
	CONSERVATION CODE (2020 EDITION) ELECTRICAL CODE 2017 NEC WITH AMENDMENTS
•	MECHANICAL CODES:
	2018 INTERNATIONAL MECHANICAL CODE
	2018 INTERNATIONAL FUEL GAS CODE
•	PLUMBING CODE:
	2017 IDAHO STATE PLUMBING CODE BASED ON THE 2015
	UNIFORM PLUMBING CODE
•	FIRE CODE (ADMINISTERED BY THE IDAHO FIRE MARSHAL):
	2018 INTERNATIONAL FIRE CODE
•	ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION INCLUDING BUT NOT LIMITED TO:
	THE STATE OF IDAHO
	THE CITY OF MOUTAIN HOME, IDAHO
	·

	CONTROLS LEGEND									
¢M#	CARBON MONOXIDE SENSOR WITH ZONE DESIGNATION									
CD _#	CARBON DIOXIDE SENSOR WITH ZONE DESIGNATION									
⊕#	TEMPERATURE SENSOR/THERMOSTAT WITH ZONE OR EQUIPMENT DESIGNATION									
$(\mathbb{H}_{\#})$	HUMIDISTAT/HUMIDITY SENSOR WITH HUMIDIFIER DESIGNATION									
⊕#	COMBINATION TEMPERATURE/HUMIDITY SENSOR									
S	DUCT SMOKE DETECTOR SUPPLIED BY ELECTRICAL TRADE, INSTALLED BY MECHANICAL TRADE									
P _#	STATIC PRESSURE SENSOR WITH DESIGNATION									
XX	DDC DEVICE									
XX	LOCAL CONTROL DEVICE WITH DDC MONITORING									
-(xx)-	PACKAGED UNIT CONTROLLED DEVICE									
A	SUMMARY ALARM									
AI	ANALOG INPUT									
AO	ANALOG OUTPUT									
AUX	AUXILARY INSTRUMENT OR CONTACT									
DI	DIGITAL INPUT									
DO	DIGITAL OUTPUT									
DPS	DIFFERENTIAL PRESSURE SWITCH									
ENB	ENABLE/DISABLE									
ES	DAMPER END SWITCH									
FS	FLOW SWITCH									
FT	FLOW SENSOR/TRANSMITTER									
Н	ZONE HUMIDITY SENSOR/TRANSMITTER									
HS	HUMIDITY SWITCH/HUMIDISTAT									
KWH	POWER (KWH)									
HT	HUMIDITY SENSOR/TRANSMITTER (DUCT)									
LS	LEVEL SWITCH									
LT	LEVEL SENSOR/TRANSMITTER									
MOD	MODULATING ACTUATOR									
OS	OCCUPANCY SENSOR/SWITCH									
OR	OCCUPANT OVERRIDE									
P	PRESSURE SENSOR									
RPM	REVOLUTIONS PER MINUTE TRANSMITTER									
SD	SMOKE DETECTOR									
SS	START/STOP									
SW	SWITCH									
T	ZONE TEMPERATURE SENSOR/TRANSMITTER									
TRTU	ZONE TEMPERATURE SENSOR / SYSTEM PILOT. CONTROLLING RTU HEATING / COOLING MODE									
THC	ZONE TEMPERATURE/HUMIDITY/CO2 SENSOR/TRANSMITTER									
TT	TEMPERATURE SENSOR/TRANSMITTER (PIPE OR DUCT)									
TS	TEMPERATURE SWITCH/THERMOSTAT									



SET

1	2	3 4	5	6
<image/> COMCARECK Software Version COMcheckWeb Accanal Compliance Certificate Developer Compliance Certificate Developer Compliance Certificate Developer Certifica	Definition and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2018 ECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mechanical systems have been designed to meet the 2018 ECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mechanical systems have been designed to meet the 2018 ECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mechanical systems have been designed to meet the 2018 ECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mechanical systems have been designed to meet the 2018 ECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mechanical systems is listed in the Inspection CheckWeb and to comply with any applicable mechanical terms is listed in the Inspection CheckWeb and the Complex Mechanical designed to meet the 2018 ECC requirements is listed in the Inspection CheckWeb and to comply with any applicable mechanical designed to mechanical	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	Section Footing / Foundation Inspection Complies? Comments/Assumptions Gas Cas	Section Plumbing Rough-In Inspection Complies? Comments/Assumptions C404.5.1 Headed water supply piping conforms (404.5.2) Requirement will be met. Does Not C404.5.2 requirements. Refer to section details (PL5) Does Not Iocation on plans/spec: P-202 C404.5.2 automatically switch off the recirculating hot-water system or heat incericulating hot-water system or heat (PL7) ¹⁰ Complies (Complies (Does Not (Does Not PL7) ¹⁰ Requirement will be met. C404.6.2 automatically switch off the recirculating hot-water system or heat (Does Not (Does Not (Does Not) Avic Observable Requirement does not apply. C404.6.3 Pumps that circulate water between a (S404.6.3) Complies (Does Not (Does Not (Does Not) Avic Observable Exception: Requirement does not apply. C404.7 Domand recirculation water systems (Does Not (Does Not) Avic Observable Exception: Requirement does not apply. [PL8] Dower of a fixture or applance and limits the temperature of the water entering the cold water piping to 104*F. Exception: Requirement does not apply.
Heating: 1 each - Central Furnace (RTU-03), Gas, Capacity = 123 kBtu/h Proposed Efficiency = 82.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Single Package DX Unit (RTU-03), Capacity = 95 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 11.20 EER, Required Efficiency = 11.00 EER Fan System: Unspecified 1 RTU-04 (Single Zone): Heating: 1 each - Central Furnace (RTU-04), Gas, Capacity = 110 kBtu/h Proposed Efficiency = 82.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Single Package DX Unit (RTU-04), Capacity = 85 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 82.00% Et, Required Efficiency: 11.00 EER Proposed Efficiency = 12.00 IEER, Required Efficiency = 11.00 EER Proposed Efficiency = 12.00 IEER, Required Efficiency = 11.00 EER Proposed Part Load Efficiency = 12.00 IEER, Required Efficiency = 11.00 EER Proposed Part Load Efficiency = 15.00 IEER, Required Part Load Efficiency = 12.60 IEER Fan System: Unspecified 1 WH-1: Gas Storage Water Heater, Capacity: 100 gallons, Input Rating: 130 kBtu/h w/ Circulation Pump Proposed Efficiency: 97.00 % Et, Required Efficiency: 80.00 % Et Project Title: 2280 American Legion Boulevard Page 1 of 11	Project Title: 2280 American Legion Boulevard Report date: 09/05/24 Data filename: Page 2 of 11	1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) Project Title: 2280 American Legion Boulevard Report date: 09/05/24 Data filename: Page 3 of 11	1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) Project Title: 2280 American Legion Boulevard Report date: 09/05/24 Data filename: Page 4 of 11	1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) Project Title: 2280 American Legion Boulevard Report date: 09/05/24 Data filename: Page 5 of 11
Section Mechanical Rough-In Inspection Complex Comments/Assumptions C4022 Installor networks and edge Installor networks and edge Exception: Requirement does not apply. C4023.81 HVAC In systems at design Complex Exception: Requirement does not apply. C4023.81 HVAC In systems at design Complex Exception: Requirement does not apply. C4023.81 HVAC In systems at design Complex Exception: Requirement does not apply. C4023.81 HVAC In systems at design Complex Exception: Requirement does not apply. C4023.81 For the stall deficiency of the singenetic does not apply. Exception: Requirement does not apply. C4023.83 For the stall deficiency of the singenetic does not apply. Exception: Requirement does not apply. C4023.81 For the stall deficiency of the singenetic does not apply. Exception: Requirement will be met. C4023.92 Heating of mechanical result of the stall does not apply. Exception: Requirement will be met. C4023.72 Heating of mechanical vertifiation team of the stall does not apply. Exception: Requirement does not apply. C4023.72 Heating of mechanical vertinition teamochanical vertifiation teamochanical vertinition tea	Section Mechanical Rough-In Inspection Complex Complex Complex Complex Control on plans/spec: Spec Section 230713 C403.11.1 HVAC ducts and plenums insulated in Control on plans/spec: Spec Section 230713 Requirement will be met. C403.12.1 Control on plans/spec: Spec Section 230713 Control on plans/spec: Spec Section 230713 C403.12.2 Verification may need to Control on plans/spec: Spec Section 230713 Requirement will be met. C403.5.2 design capacity, control spansity provide a means to releve excess outdoor at index will not reduce control on plans/spec: M-501 Control on plans/spec: M-501 C403.5.3 Aff economizers automatically reduce outdoor at index will not reduce config energy waters Sec Table config energy waters Sec Table config energy waters Sec Table config energy waters Sec Table config energy water complex or complex provide a means to releve excess config energy waters Sec Table config energy waters Sec Table config energy water complex or complex provide a means to releve excess config energy water complex or complex provide a means to releve excess config energy water complex or complex provide a means to releve excess config energy water complex or complex provide a means to releve excess config energy water complex or complex provide a water water water complex provide a water water complex provide a water water complex provide a water water complex provetable water water complex p	Stretion Merchanical Rough-In Inspection Complies? Comments/Assumptions C0035.5.7. Refigerated display cases, walk in Complexes Complexes Exception: (Requirement does not apply. C0035.7. Condensing unit, Nave fan power condenses that comply with Sectors. Does Not Does Not Condensing unit, Nave fan power condenses that comply with Sectors. MR03231 Condensing unit, Nave fan power condenses that comply with Sectors. Does Not Does Applicable MR03231 Condensing unit, Nave fan power condenses that comply with Couples the comply with Couple with the complexes. MR03231 Condensing unit, Nave fan power condenses that comply with Couple with the couple with the complexes. MR03231 Condensing unit, Nave fan power condenses that comply with Couple with the	Section # Reg. No. Reg. No. Complex Does No. Comments/Assumptions C005 Low-voltage dpv/spc distribution in the C405.s. Does No. Does No. C005 Extrin fundoms reguments of under an approach certification program do not extrib. Does No. C005.01 Extrin fundom verguments of under an approach certification program do not extrib. Does No. C005.01 Extrin fundom verguments of under an approach certification program do not extrib. Does No. C005.01 Extrin fundom verguments of under an approach certification program do not extrib. Does No. C005.01 Extrin fundom verguments of under an approach certification program do not extrib. Does No. C005.01 Extrin fundom vergument of under an approach certification program do not extrib. Does No. C005.02 Extrin fundom vergument of under approach certification program do not extrib. Does No. C005.02 Extribution of fundom vergument of under approach certification program do not extrib. Does No. C005.02 Extribution of fundom vergument of under approach certification program do not extrib. Does No. C005.02 Extribution of fundom vergument of under approach certification program do not extribution Does No. C005.02 Extribution of fundom vergument of under approach	Section # (eq.) Final Inspection Complies? Comments/Assumptions C303.3 Systems within 00 days of system acceptance. Function 0 days of system acceptance. Requirement will be met. C408.2.5 C408.2.5 C408.2.4 Function 0 days of system acceptance. Complies Does Not Does Not Does Not Minimum one humanity/pee: M 011 C403.2.4 Heating and cooling to each zone is controlled by a hermostat control. Does Not Does Not Do
Section Final Inspection Complies? Comments/Assumptions 6 Reg.1D Commissioning plan developed by approved agency. Complies Requirement will be met. 1 Cotton on plans/spec: M-003 Intervent will be met. Intervent will be met. 1 Cotton on plans/spec: M-003 Intervent will be met. Intervent will be met. 1 Cotton on plans/spec: M-003 Intervent will be met. Intervent will be met. 1 Cotton on plans/spec: M-003 Intervent will be met. Intervent will be met. 2 tested to ensure proper operation. Intervent will be met. Intervent will be met. 2 tested to ensure proper operation. Intervent will be met. Intervent will be met. 2 tested to ensure proper operation. Intervent will be met. Intervent will be met. 3 ensure proper operation. Intervent will be met. Intervent will be met. 3 ensure proper operation. Intervent will be met. Intervent will be met. 4 ensure proper operation. Intervent will be met. Intervent will be met. 4 ensure proper operation. Intervent will be met. Intervent will be met.	Diat minimi i i i i i i i i i i i i i i i i	Dite illerialine.	Dia menini programmi programm	
I High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) Project Title: 2280 American Legion Boulevard Report date: 09/05/24 Data filename: Page 11 of 11				



2		

| ROOFTOP UNITS SCHEDULE | | | | | | | | | | | | | |

 | | | | | | |
 | | | | | | |
 | | | | |
 | | | | |
 |
|--|--|---|---|--|---|--|--|---|--|---|---|---|---
--
--
--
---|--
--|---|--|--|-------------|---
--|-----------|--|--|---
---	---	--	--

FANS OUTDOOR AIR DX COOLING NATURAL GAS HEATING ELECTRICAL DATA MINIMUM EFFICIENCIES			

 | | WEIGHT | | | | |
 | | | | | | |
 | | | | |
 | | | | |
 |
| AREA SERVED | LOCATION | SUPPLY | EXHAUST | SUMMER
OA DB | SUMMER
OA WB | WINTER
OA DB | DESIGN
AIR FLOW | ECONOMIZING
AIR FLOW | AIR FLOW | EDB | EWB | LDB | LWB | SENSIBLE
CAPACITY

 | TOTAL
CAPACITY | AIR PD | STAGES OF
COOLING | AIR FLOW
 | OUTDOOR
AMBIENT DB | EDB | LDB | INPUT | OUTPUT | AIR PD | VOLTAGE /
 | EL A | МСА | MOR | SEED | FED
 | ICER | BASIS
OF
DESIGN | MODEL | WEIGHT | REMARKS
 |
| | | FAN | FAN | (°F) | (°F) | (°F) | (CFM) | (CFM) | (CFM) | (°F) | (°F) | (°F) | (°F) | (BTUH)

 | (BTUH) | (IN. WG) | (QTY) | (CFM)
 | (°F) | (°F) | (°F) | (BUTH) | (BTUH) | (IN. WG) | HZ
 | FLA | MCA | MOP | SEER | EER
 | IEER | | | (LBS) |
 |
| INTERIOR | ROOF | SF-RTU-01 | EF-RTU-01 | 99.80 | 62.80 | 7.00 | 525 | 3,000 | 3,000 | 79.34 | 55.76 | 56.00 | 45.50 | 75,972

 | 81,084 | 0.50 | 3 | 3,000
 | 7.00 | 58.98 | 90.00 | 126,233 | 100,986 | 0.15 | 208/3/60
 | 40 | 38 | 50 | NA | 11.2
 | 15.0 | CARRIER | 48FE | 996 |
 |
| WEST | ROOF | SF-RTU-02 | EF-RTU-02 | 99.80 | 62.80 | 7.00 | 400 | 2,000 | 2,000 | 79.96 | 55.98 | 56.00 | 45.50 | 51,993

 | 55,393 | 0.50 | 3 | 2,000
 | 7.00 | 57.40 | 90.00 | 88,428 | 70,742 | 0.15 | 208/3/60
 | 28 | 29 | 40 | 14.0 | NA
 | NA | CARRIER | 48FE | 748 |
 |
| SOUTH | ROOF | SF-RTU-03 | EF-RTU-03 | 99.80 | 62.80 | 7.00 | 725 | 3,400 | 3,400 | 80.29 | 56.11 | 56.00 | 45.50 | 89,599

 | 95,372 | 0.50 | 3 | 3,400
 | 7.00 | 56.57 | 90.00 | 154,172 | 123,337 | 0.15 | 208/3/60
 | 42 | 40 | 50 | NA | 11.2
 | 15.0 | CARRIER | 48FE | 1081 |
 |
| NORTH | ROOF | SF-RTU-04 | EF-RTU-04 | 99.80 | 62.80 | 7.00 | 665 | 3,000 | 3,000 | 80.50 | 56.18 | 56.00 | 45.50 | 79,739

 | 84,828 | 0.50 | 3 | 3,000
 | 7.00 | 56.04 | 90.00 | 138,195 | 110,556 | 0.15 | 208/3/60
 | 40 | 38 | 50 | NA | 11.2
 | 15.0 | CARRIER | 48FE | 996 |
 |
| | | | | | | | | | | | | | |

 | | | | | | |
 | | | | | | |
 | | | | |
 | | | | |
 |
| COOLING ENTERING CON | IDITIONS ARE ASSUM | ING A 75°F DB | / 40% RH RETU | JRN AIR CON | DITION UNLES | S NOTED OT | HERWISE. | | | | | | |

 | | | | | | |
 | | | | | | |
 | | | | |
 | | | | |
 |
| HEATING ENTERING CON | DITIONS ARE ASSUM | IING A 70°F DB / | 20% RH RETU | RN AIR CONI | DITION UNLES | S NOTED OTH | ERWISE. | | | | | | |

 | | | | | | |
 | | | | | | |
 | | | | |
 | | | | |
 |
| PROVIDE 100% OUTDOOF | R AIR ECONOMIZER V | VITH MICROME | TAL POWER EX | KHAUST. REF | ER TO FAN SO | CHEDULE FOR | R ADDITIONAL I | NFORMATION | | | | | |

 | | | | | | |
 | | | | | | |
 | | | | |
 | | | | |
 |
| | INTERIOR
WEST
SOUTH
NORTH
COOLING ENTERING CON
HEATING ENTERING CON | INTERIOR ROOF WEST ROOF SOUTH ROOF NORTH ROOF COOLING ENTERING CONDITIONS ARE ASSUM HEATING ENTERING CONDITIONS ARE ASSUM | AREA SERVEDLOCATIONSUPPLY
AIR
FANINTERIORROOFSF-RTU-01WESTROOFSF-RTU-02SOUTHROOFSF-RTU-03NORTHROOFSF-RTU-04COOLING ENTERING CONDITIONS ARE ASSUMING A 75°F DB
HEATING ENTERING CONDITIONS ARE ASSUMING A 70°F DB | AREA SERVEDLOCATIONSUPPLY
AIR
FANEXHAUST
AIR
FANINTERIORROOFSF-RTU-01EF-RTU-01WESTROOFSF-RTU-02EF-RTU-02SOUTHROOFSF-RTU-03EF-RTU-03NORTHROOFSF-RTU-04EF-RTU-04COOLING ENTERING CONDITIONS ARE ASSUMING A 75°F DB / 40% RH RETUREHEATING ENTERING CONDITIONS ARE ASSUMING A 70°F DB / 20% RH RETURE | AREA SERVED LOCATION SUPPLY
AIR
FAN EXHAUST
AIR
FAN SUMMER
OA DB INTERIOR ROOF SF-RTU-01 EF-RTU-01 99.80 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 SOUTH ROOF SF-RTU-03 EF-RTU-03 99.80 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80 | AREA SERVEDLOCATIONSUPPLY
AIR
FANEXHAUST
AIR
FANSUMMER
OA DBSUMMER
OA WBINTERIORROOFSF-RTU-01EF-RTU-0199.8062.80WESTROOFSF-RTU-02EF-RTU-0299.8062.80SOUTHROOFSF-RTU-03EF-RTU-0399.8062.80NORTHROOFSF-RTU-04EF-RTU-0499.8062.80COOLING ENTERING CONDITIONS ARE ASSUMING A 75°F DB / 40% RH RETURN AIR CONDITION UNLESHEATING ENTERING CONDITIONS ARE ASSUMING A 70°F DB / 20% RH RETURN AIR CONDITION UNLES | AREA SERVEDLOCATIONSUPPLY
AIR
FANEXHAUST
AIR
FANSUMMER
OA DBSUMMER
OA WBWINTER
OA DBINTERIORROOFSF-RTU-01EF-RTU-0199.8062.807.00WESTROOFSF-RTU-02EF-RTU-0299.8062.807.00SOUTHROOFSF-RTU-03EF-RTU-0399.8062.807.00NORTHROOFSF-RTU-04EF-RTU-0499.8062.807.00COOLING ENTERING CONDITIONS ARE ASSUMING A 75°F DB / 40% RH RETURN AIR CONDITION UNLESS NOTED OTH | AREA SERVEDLOCATIONSUPPLY
AIR
FANEXHAUST
AIR
 | AREA SERVED LOCATION SUPPLY
AIR
FAN EXHAUST
AIR
FAN SUMMER
OA DB SUMMER
OA DB WINTER
OA DB DESIGN
AIR FLOW ECONOMIZING
AIR FLOW INTERIOR ROOF SF-RTU-01 EF-RTU-01 99.80 62.80 7.00 525 3,000 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 400 2,000 SOUTH ROOF SF-RTU-03 EF-RTU-04 99.80 62.80 7.00 400 2,000 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80 62.80 7.00 665 3,000 | AREA SERVED LOCATION SUPPLY
AIR
FAN EXHAUST
AIR
FAN SUMMER
OA DB VINTER
OA DB DESIGN
AIR FLOW ECONOMIZING
AIR FLOW AIR FLOW INTERIOR ROOF SF-RTU-01 EF-RTU-01 99.80 62.80 7.00 525 3,000 3,000 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 400 2,000 2,000 SOUTH ROOF SF-RTU-02 EF-RTU-03 99.80 62.80 7.00 665 3,000 3,000 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80 62.80 7.00 665 3,000 3,000 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80 62.80 7.00 665 3,000 3,000 | AREA SERVED LOCATION Supply
AIR
FAN EXHAUST
AIR
FAN SUMMER
OA DB SUMMER
OA VB VINTER
OA DB DESIGN
AIR FLOW ECONOMIZING
AIR FLOW AIR FLOW EDB INTERIOR ROOF SF-RTU-01 EF-RTU-01 99.80 62.80 7.00 525 3,000 3,000 79.34 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 400 2,000 2,000 79.96 SOUTH ROOF SF-RTU-02 EF-RTU-03 99.80 62.80 7.00 725 3,400 3,400 80.29 NORTH ROOF SF-RTU-03 EF-RTU-04 99.80 62.80 7.00 665 3,000 3,000 80.29 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80 62.80 7.00 665 3,000 3,000 80.50 | AREA SERVED LOCATION Supply
AIR
FAN EXHAUST
AIR
FAN SUMMER
OA DB SUMMER
OA WB DESIGN
OA DB AIR FLOW AIR FLOW EXHOUST
AIR FLOW EDB EWB INTERIOR ROOF SF-RTU-01 EF-RTU-02 99.80 62.80 7.00 525 3.000 3.000 79.34 55.76 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 400 2.000 2.000 79.96 55.98 SOUTH ROOF SF-RTU-03 EF-RTU-03 99.80 62.80 7.00 725 3.400 3.400 80.29 56.11 NORTH ROOF SF-RTU-04 EF-RTU-03 99.80 62.80 7.00 665 3.000 3.000 80.50 56.11 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80 62.80 7.00 665 3.000 3.000 80.50 56.18 | AREA SERVED LOCATION SUPPLY
AIR
FAN EXHAUST
AIR
FAN SUMMER
OA DB VINTER
OA DB DESIGN GARFLOW AIR FLOW EDB EWB LDB INTERIOR ROOF SF-RTU-01 EF-RTU-01 99.80 62.80 7.00 525 3.000 3.000 79.34 55.76 56.00 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 400 2.000 79.94 55.98 56.00 SOUTH ROOF SF-RTU-02 EF-RTU-03 99.80 62.80 7.00 400 2.000 79.96 55.98 56.00 NORTH ROOF SF-RTU-03 EF-RTU-03 99.80 62.80 7.00 665 3.000 3.000 80.29 56.11 56.00 NORTH ROOF SF-RTU-04 99.80 62.80 7.00 665 3.000 3.000 80.50 56.18 56.00 | AREA SERVED LOCATION Supply
AIR
FAN EXHAUST
AIR
FAN SUMMER
OA DB SUMMER
OA WB MR FLOW EAR FLOW EAB EWB LDB LDB LWB INTERIOR ROOF SF-RTU-01 EF-RTU-01 99.80 62.80 7.00 525 3.000 3.000 79.34 55.76 56.00 45.50 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 400 2.000 2.000 79.96 55.98 56.00 45.50 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 725 3.400 3.400 80.29 56.11 56.00 45.50 NORTH ROOF SF-RTU-03 EF-RTU-04 99.80 62.80 7.00 665 3.000 3.000 80.29 56.11 56.00 45.50 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80 62.80 7.00 665 3.000 3.000 80.50 56.18 56.00 </td <td>AREA SERVED LOCATION Exhaps
PAN SUMMER
PAN SUMMER
PAN SUMMER
PAN WINTER
PAN DESIGN
AR FLOW AR FLOW AR FLOW EDB EWB LDB LWB CMB CAB CAB</td> <td>AREA SERVED LOCATION Supply
PAN Exhaust
PAN Summer
OA DB SUMMER
OA DB DESIGN
AR FLOW CENNONZING
FAR FLOW REDB EWB LOB LWB CAPACITY NTERIOR ROOF SF-RTU01 EF-RTU-01 99.80 62.80 7.00 525 3.000 3.000 79.34 55.76 56.00 45.50 51.93 61.93 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 400 2.000 3.000 79.34 55.76 56.00 45.50 51.933 55.393 SOUTH ROOF SF-RTU-03 EF-RTU-04 99.80 62.80 7.00 725 3.400 3.000 79.96 55.61 45.00 45.50 51.933 55.393 SOUTH ROOF SF-RTU-03 EF-RTU-04 99.80 62.80 7.00 265 3.000 30.00 80.50 56.10 45.50 49.599 95.372 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80<</td> <td>AREA SERVED Image: strate strat</td> <td>AREA SERVED Image: Decation big of the served big of the serve</td> <td>AREA SERVED Image: strate server intermediate serverintermediate server intermediate server intermediate</td> <td>Area served</td> <td>ARA SERVED I U UTODO VIDEO VI</td> <td>AREA SERVED AREA SERVED AREA A</td> <td>ARA SARCE</td> <td>Area serve in the serve</td> <td>Algo in a strain of a st</td> <td>Algo in a strain in a s</td> <td>Algebre in the series of the series o</td> <td>Algo in a strain in a s</td> <td>Algebre in the serie ser</td> <td>Algebre and the series of the series o</td> <td>Arbondo Arbondo Arbondo</td> <td>Algo in a strain in a s</td> <td>Area for equation in a strain of equation in a</td> <td>Appendixe presente the series of the s</td> <td>Are to be the set of the s</td> | AREA SERVED LOCATION Exhaps
PAN SUMMER
PAN SUMMER
PAN SUMMER
PAN WINTER
PAN DESIGN
AR FLOW AR FLOW AR FLOW EDB EWB LDB LWB CMB CAB CAB | AREA SERVED LOCATION Supply
PAN Exhaust
PAN Summer
OA DB SUMMER
OA DB DESIGN
AR FLOW CENNONZING
FAR FLOW REDB EWB LOB LWB CAPACITY NTERIOR ROOF SF-RTU01 EF-RTU-01 99.80 62.80 7.00 525 3.000 3.000 79.34 55.76 56.00 45.50 51.93 61.93 WEST ROOF SF-RTU-02 EF-RTU-02 99.80 62.80 7.00 400 2.000 3.000 79.34 55.76 56.00 45.50 51.933 55.393 SOUTH ROOF SF-RTU-03 EF-RTU-04 99.80 62.80 7.00 725 3.400 3.000 79.96 55.61 45.00 45.50 51.933 55.393 SOUTH ROOF SF-RTU-03 EF-RTU-04 99.80 62.80 7.00 265 3.000 30.00 80.50 56.10 45.50 49.599 95.372 NORTH ROOF SF-RTU-04 EF-RTU-04 99.80< | AREA SERVED Image: strate strat | AREA SERVED Image: Decation big of the served big of the serve | AREA SERVED Image: strate server intermediate serverintermediate server intermediate server intermediate | Area served | ARA SERVED I U UTODO VIDEO VI | AREA SERVED AREA SERVED AREA A | ARA SARCE | Area serve in the serve | Algo in a strain of a st | Algo in a strain in a s | Algebre in the series of the series o | Algo in a strain in a s | Algebre in the serie ser | Algebre and the series of the series o | Arbondo Arbondo | Algo in a strain in a s | Area for equation in a strain of equation in a | Appendixe presente the series of the s | Are to be the set of the s |

04. EFFICIENCIES LISTED ARE BASED ON THE AHRI RATED CONDITIONS REFLECTED IN THE IDAHO ENERGY CODE. 05. HEATING SYSTEMS ARE SIZED FOR PEAK OUTDOOR AIR HEATING CONDITIONS AND DO NOT TAKE INTO ACCOUNT THE HEAT RECOVERY CAPACITY. 06. PROVIDE WITH PM2.5 SENSORS AT OUTDOOR AIR INTAKES. WHEN OUTDOOR PM2.5 EXCEEDS 55 μg/m³, OVERRIDE ECONOMIZER SEQUENCE AND OPERATE OUTDOOR AIR AT THE DESIGN OUTDOOR AIR FLOW RATE.

07. ALL UNITS SHALL UTILIZE REFRIGERANT R-454B

08. PROVIDE WITH MANUFACTURER'S MERV 13 FILTER AND ASSOCIATED 4" FILTER RACK.

09. THE INDICATED OUTDOOR DESIGN AIR FLOW IS THE FULLY OCCUPIED NON-ECONOMIZING OUTDOOR AIR FLOW. DURING ECONOMIZER MODE, THE OUTDOOR AIR FLOW WILL INCREASE TO THE FULL SUPPLY AIR FLOW WILL INCREASE TO THE FULL SUPPLY AIR FLOW RATE. DURING OCCUPIED DEMAND CONTROL VENTILATION, THE OUTDOOR AIR FLOW WILL MODULATE TOWARDS THE INDICATED DESIGN OUTDOOR AIR FLOW RATE. 10. PROVIDE UNITS WITH 7-DAY PROGRAMMABLE THERMOSTAT TO ALLOW FOR OCCUPIED / UNOCCUPIED CONTROL AND ASSOCIATED TEMPERATURE SET POINTS AND SET BACK CONTROLS. PROGRAM ALL THERMOSTATS AS PER THE OWNER'S DIRECTION.

11. EVAPORATOR FANS SHALL UTILIZE DIRECT DRIVE EC MOTORS. ADJUST FAN SPEED TO BALANCE TO AIR FLOWS INDICATED ON FLOOR PLANS.

						EXHAUST FAN S	SCHEDULE								
				тота						ELE	CTRICAL DA	TA			
TAG	AREA SERVED	LOCATION	AIR FLOW	TOTAL STATIC PRESSURE	RPM	FAN TYPE	QUANTITY	HP PER FAN	TOTAL BHP	VOLTAGE / PHASE / HZ	MCA	МОР	BASIS OF DESIGN	MODEL	REMARKS
EF-01	SEE PLANS	ROOF	525	0.5	1,672	Direct Drive Centrifugal Downblast	1	0.1	0.08	120/1/60	2	15	GREENHECK	G-090-VG	
EF-02	SEE PLANS	ROOF	225	0.5	1,602	Direct Drive Centrifugal Downblast	1	0.1	0.06	120/1/60	2	15	GREENHECK	G-080-VG	
GENERAL NOTES:															

01. EXHAUST AIR FANS SHALL RUN CONTINUOUSLY WHEN THE BUILDING IS IN OCCUPIED MODE AND SHALL REMAIN OFF WHEN THE BUILDING IS IN THE UNOCCUPIED MODE. 02. PROVIDE LOW LEAKAGE AUTOMATIC DAMPERS WITHIN THE ATTIC JUST BELOW THE ROOF PENETRATION TO CLOSE WHEN THE EXHAUST AIR FANS ARE NOT OPERATING. PROVIDE WITH ACCESS DOORS TO ALLOW ACCESS TO THE AUTOMATIC DAMPERS.

				FACE	NECK SIZE			AIRFLOW RANGE CFM		
TAG	MAKE	MODEL	DESCRIPTION	SIZE (IN.x IN.)	(IN. Ø OR IN. x IN.)	MAX NC LEVEL	MINIMUM	DESIGN	МАХ	NOTES
					6" ø		0		150	
	TITUO	TMC		04-04	8" ø	25	151		250	
CD-1	TITUS	TMS	STEEL HIGH PERFORMANCE THREE CONE DIFFUSER	24x24	10" ø	- 25 -	251		320	1
					12" ø	1	321		450	
CD-2	TITUS	TMS	-	12x12	6" ø	25	0	REFER TO	150	
					6" ø		0	PLANS	150	
					8" ø	1	151		250	
RG-1	TITUS	PAR	STEEL PERFORATED RETURN DIFFUSER	24x24	10" ø	25	251		320	
					12" ø	1	321		450	
					22" x 22"	1	451		1000	

GENERAL NOTES:

NOTES:

1

02. MAX NC LEVEL IS THE MAXIMUM ROOM NC GENERATED BY THE AIR DEVICE AT THE DESIGN AIR FLOW INDICATED AND DO NOT TAKE INTO ACCOUNT ANY OTHER EXTERNAL FACTORS. 03. COORDINATE COLOR AND FINISH WITH THE ARCHITECT.

04. INTEGRAL BACKDRAFT / BALANCING DAMPERS ON AIR DEVICES WILL NOT BE ACCEPTED.

05. WHERE DUCT SIZES ON PLAN ARE NOT SHOWN, PROVIDE DUCT SIZE EQUAL TO DIFFUSER NECK SIZE.

06. RETURN GRILLE AIR FLOWS ARE TO MATCH SUM OF ROOM SUPPLY AIR FLOWS.

01. PROVIDE WITH FACTORY FABRICATED R-6 MOLDED INSULATION BLANKET.

					ZONE	:
				EL	ECTRICAL DA	١T
TAG	AREA SERVED	FACE SIZE	NECK SIZE	VOLTAGE	PHASE	
ZRT-A	SEE PLANS	8" x 8"	4" ø	120	1	T
ZRT-B	SEE PLANS	10" x 10"	6" ø	120	1	
ZRT-C	SEE PLANS	10" x 10"	6" ø	120	1	T
GENERAL NOTES:						

01. PROVIDE ZONE REGISTER TERMINALS WITH MINIMUM AND MAXIMUM CONSTANT AIR FLOW REGULATORS (CAR3), UNLESS NOTED OTHERWISE. 02. SET EACH AIR FLOW REGULATOR TO THE AIR FLOW RATES INDICATED ON THE PLAN. 03. INTERLOCK ZRT'S IN RESTROOMS WITH RESTROOM LIGHTING TO OPEN DAMPER AND OPERATE AT MAXIMUM FLOW RATES.

FAN FORCED ELECTRIC UNIT HEATER SCHEDULE

		AIR FLOW		ELECTRIC	CAL DATA				
TAG	AREA SERVED		- ĸw	VOLTAGE / PHASE /	МСА	МОР	BASIS OF DESIGN	MODEL	REMARKS
		(CFM)		HZ	MCA	MOP			
UH-01	SEE PLANS	100	1.8	120/1/60	15.00	15.00	QMARK	AWH3180F	
UH-02	SEE PLANS	100	1.8	120/1/60	15.00	15.00	QMARK	AWH3180F	
GENERAL NOTES:									

01. PROVIDE WITH SURFACE MOUNTING FRAME.

02. PROVIDE WITH INTEGRAL DISCONNECT SWITCH.

03. PROVIDE WITH INTEGRAL THERMAL OVERLOAD CUT-OFF.

04. SET THERMOSTAT TO 65°F. 05. PROVIDE WITH INTEGRAL THERMOSTAT THAT ALLOWS FAN TO CONTINUE OPERATION UNTIL ELECTRIC HEATING COIL HAS COOLED.

TAG	AREA SERVED	LOCATION	SUMMER OA DB
			(°F)
ISS-01	OPEN OFFICE - 124	WALL MOUNTED IN OPEN OFFICE - 124	95.00
GENERAL NOTES:			
01.	INDOOR UNIT IS POWERE	D THROUGH THE OUTDOOR UNIT. CONTRACTOR IS RESI	PONSIBLE FO
02.	PROVIDE WITH INTEGRAL	CONDENSATE PUMP.	
03.	EFFICIENCIES LISTED AR	E BASED ON THE AHRI RATED CONDITIONS REFLECTED	IN THE IDAHO
04.	PROVIDE WITH LOW AMB	IENT KIT TO ALLOW COOLING DOWN TO THE LISTED WIN	TER OUTDO
05.	PROVIDE WITH DC INVER	TER DRIVEN TWIN ROTARY COMPRESSOR, MODEL SNB1	30FQBMT
06.	UNIT IS TO BE PRE-CHAR	GED WITH REFRIGERANT R-410A	
07.	ISS-1 IS A COOLING ONLY	UNIT. SET THERMOSTAT TO 80°F.	
08.	SPLIT SYSTEM SHALL ALV	WAYS BE IN OCCUPIED MODE, ABLE TO CONDITION THE	OPEN OFFICE

2

1	

4

AIR OUTLETS AND INLETS SCHEDULE

01. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE AIR FLOWS SHOWN ON PLAN AND SELECT THE PROPER NECK SIZE OF THE DEVICES ACCORDING TO THESE SCHEDULED VALUES.

REGISTER TERMINALS ATA 1 BASIS OF DESIGN MODEL REMARKS ΗZ ALDES ZRT-2-4-120-MAX 60 60 ALDES ZRT-2-6-120-MAX ALDES ZRT-1-6-120-MAX NO MINIMUM AIR FLOW REGULATOR REQUIRED. 60

TAC	SYSTEM	AREA	TVDE	INLET AND OUTLET DUCT SIZE (IN. x IN.)	AIRFLOW	RANGE CFM	ELECT	RICAL	MANUEACTURED	NODE	DEMAS
TAG	SERVED	SERVED	ТҮРЕ	OR (IN. ø)	MINIMUM	MAX/DESIGN	DEVICE	V/Ø	- MANUFACTURER	MODEL	REMAR
VVT-J		122 STORAGE, 124 OFFICE & 126 OFFICE	RECTANGULAR	8 X 10	410	610	DAMPER	24V	CARRIER	OPND8X10ZC	
VVT-P		134 OFFICE	ROUND	6"Ø	160	240	DAMPER	24V	CARRIER	OPNDR06ZC	
VVT-Q		102 RECEPTION	ROUND	6"Ø	160	240	DAMPER	24V	CARRIER	OPNDR06ZC	
VVT-R		136 OPEN OFFICE	ROUND	6"Ø	160	240	DAMPER	24V	CARRIER	OPNDR06ZC	
VVT-S	1 	132 STORAGE & 133-2 OPEN OFFICE	ROUND	6"Ø	280	420	DAMPER	24V	CARRIER	OPNDR08ZC	
VVT-T	RTU-01	106 OPEN OFFICE	ROUND	6"Ø	160	240	DAMPER	24V	CARRIER	OPNDR06ZC	-
VVT-Y		140 CIRCULATION & 144 WORK ROOM	RECTANGULAR	8 X 10	410	610	DAMPER	24V	CARRIER	OPND8X10ZC	
VVT-Z		WORK ROOM 108	ROUND	8"Ø	280	420	DAMPER	24V	CARRIER	OPNDR08ZC	
BPT-1.1		SYSTEM AUTOMATIC BYPASS CONTROL DAMPER	ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	
BPT-1.2		SYSTEM AUTOMATIC BYPASS CONTROL DAMPER	ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	
VVT-D		111 OFFICE	ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	
VVT-E		113 OFFICE, 114 CIRCULATION & 115 OFFICE	RECTANGULAR	8 X 14	560	825	DAMPER	24V	CARRIER	OPND8X14ZC	
VVT-F		117 CONFERENCE	ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	
VVT-G	RTU-02	119 OFFICE	ROUND	6"Ø	160	240	DAMPER	24V	CARRIER	OPNDR06ZC	
BPT-2.1	-	SYSTEM AUTOMATIC BYPASS CONTROL DAMPER	ROUND	8"Ø	280	420	DAMPER	24V	CARRIER	OPNDR08ZC	-
BPT-2.1	-	SYSTEM AUTOMATIC BYPASS CONTROL DAMPER	ROUND	8"Ø	280	420	DAMPER	24V	CARRIER	OPNDR08ZC	
VVT-A		100 LOBBY & 110 CIRCULATION	ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	-
VVT-B	-	110 CIRCULATION & 103 MEN'S RESTROOM	ROUND	8"Ø	280	420	DAMPER	24V	CARRIER	OPNDR08ZC	-
VVT-C	-	105 OFFICE, 107 OFFICE & 109 OFFICE	RECTANGULAR	8 X 14	560	825	DAMPER	24V	CARRIER	OPND8X14ZC	
VVT-U	RTU-03	162 RECORDS & 102A RECORDS STORAGE	ROUND	6"Ø	160	240	DAMPER	24V	CARRIER	OPNDR06ZC	
VVT-V	-	161 STORAGE & 159 WAITING	RECTANGULAR	8 X 10	410	610	DAMPER	24V	CARRIER	OPND8X10ZC	-
BPT-3.1	-	SYSTEM AUTOMATIC BYPASS CONTROL DAMPER	ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	
BPT-3.2		SYSTEM AUTOMATIC BYPASS CONTROL DAMPER	ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	
VVT-H		120 CIRCULATION & 123 WAITING	ROUND	6"Ø	160	240	DAMPER	24V	CARRIER	OPNDR06ZC	
VVT-I	-	121 OFFICE	ROUND	6"Ø	160	240	DAMPER	24V	CARRIER	OPNDR06ZC	-
VVT-K	-	127 HUDDLE	ROUND	6"Ø	160	420	DAMPER	24V	CARRIER	OPNDR06ZC	
VVT-L	-	128 CIRCULATION & 125 MAIL	ROUND	8"Ø	280	240	DAMPER	24V	CARRIER	OPNDR08ZC	
VVT-M	RTU-04	131 BREAK	RECTANGULAR	8 X 14	560	825	DAMPER	24V	CARRIER	OPND8X14ZC	
VVT-N		133 OPEN OFFICE & 135 OFFICE	RECTANGULAR	8 X 10	410	610	DAMPER	24V	CARRIER	OPND8X10ZC	
VVT-0	-	133-2 OPEN OFFICE	ROUND	6"Ø	160	240	DAMPER	24V 24V	CARRIER	OPNDR06ZC	
BPT-4.1	-										
	-	SYSTEM AUTOMATIC BYPASS CONTROL DAMPER	ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	
BPT-4.2			ROUND	10"Ø	440	660	DAMPER	24V	CARRIER	OPNDR10ZC	+
(E) VVT-W	RTU-05	SYSTEM AUTOMATIC BYPASS CONTROL DAMPER	ROUND	12"Ø 12"Ø	630 630	950	DAMPER	24V 24V	CARRIER	OPNDR12ZC OPNDR12ZC	

01. DUCT CONNECTIONS TO VVT'S SHALL MATCH THE VVT INLET AND OUTLET DUCT SIZES SCHEDULED. PROVIDE THE NECESSARY DUCT TRANSITIONS TO CONNECT TO EACH VVT DEVICE.

03. INSTALL PER THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

4

											SPLIT SY	STEM UNIT	SCHEDULE																
				INDOOF	RUNIT																	OUTD	OOR UNIT						
	AMBIENT AIR					DX COOLING	3			EL	ECTRICAL DAT	A	54010		WEIGHT				ELECTRI	CAL DATA				EFFICIENC	(D 4010		WEIGHT	
SUMMER OA DB	SUMMER OA WB	WINTER OA DB	AIR FLOW	EDB	EWB	LDB	SENSIBLE CAPACITY	MAXIMUM CAPACITY	STAGES OF COOLING	VOLTAGE / PHASE /	FLA	МСА	BASIS OF DESIGN	MODEL	WEIGHT	TAG	VOLTAGE / PHASE /	FLA	MCA	МОР	RLA	LRA	SEER	EER	ENERGY STAR CERTIFIED	BASIS OF DESIGN	MODEL	WEIGHT	REMARKS
(°F)	(°F)	(°F)	(CFM)	(°F)	(°F)	(°F)	(BTUH)	(BTUH)	(QTY)	HZ		MCA			(LBS)		HZ		MCA	MOP		LNA	JEEK	LLK	CERTIFIED			(LBS)	
95.00	75.00	14.00	629	80.00	67.00	55.18	16,940	22,000	INVERTER	208/1/60	0.50	1.00	MITSUBISHI	MSY-GS18NZ	28	OSS-01	208/1/60	0.93	12	15	8.4	10.5	20.5	13.5	YES	MITSUBISHI	MUY-GS18NA	137	

SPONSIBLE FOR WIRING THE INDOOR UNIT TO THE OUTDOOR UNIT.

D IN THE IDAHO ENERGY CODE.

INTER OUTDOOR AIR DRYBULB TEMPERATURE.

E OPEN OFFICE AREA.

GENERAL NOTES:

	ROOFTOP UNIT FAN SCHEDULE														
				EXTERNAL						ECTRICAL DA	TA				
TAG	LOCATION	SYSTEM SERVED	AIR FLOW (CFM)	STATIC PRESSURE (IN. WG)	RPM	QUANTITY	TOTAL HP	TOTAL BHP	VOLTAGE / PHASE / HZ	МСА	МОР	SPEED CONTROL	BASIS OF DESIGN	REMARKS	
SF-RTU01	ROOF	RTU01	3,000	1	1,800	1	2	1.75				ECM	CARRIER		
EF-RTU01	ROOF	RTU01	3,000	0.75	1,800	1	1		208/3/60	8	14.4	VFD	MICRO-METAL		
SF-RTU02	ROOF	RTU02	2,000	1	1,800	1	2	1.22				ECM	CARRIER		
EF-RTU02	ROOF	RTU02	2,000	0.75	1,800	1	0.5		208/3/60	4.9	8.8	VFD	MICRO-METAL		
SF-RTU03	ROOF	RTU03	3,400	1	1,800	1	2	1.75				ECM	CARRIER		
EF-RTU03	ROOF	RTU03	3,400	0.75	1,800	1	1		208/3/60	8	14.4	VFD	MICRO-METAL		
SF-RTU04	ROOF	RTU04	3,000	1	1,800	1	2	1.75				ECM	CARRIER		
EF-RTU04	ROOF	RTU04	3,000	0.75	1,800	1	1		208/3/60	8	14.4	VFD	MICRO-METAL		

01. SUPPLY AIR FANS SHALL UTILIZE EC MOTORS FOR BALANCING PURPOSES.

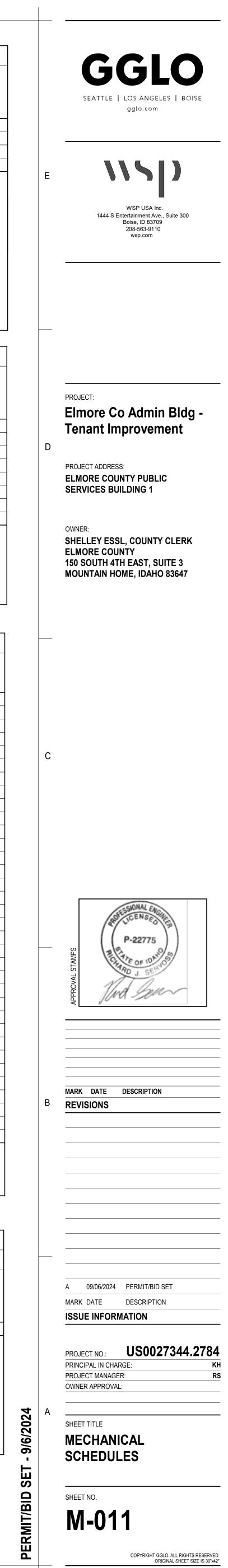
02. SUPPLY AIR FANS ARE POWERED THROUGH THE RTU'S. REFER TO THE RTU SCHEDULE FOR POWER REQUIREMENTS.

03. SUPPLY FANS ARE INTEGRAL TO THE RTU'S AND PROVIDED BY THE RTU MANUFACTURER.

04. THE BASIS OF DESIGN EXHAUST AIR FANS ARE PROVIDED BY MICRO-METAL THROUGH THE BASIS OF DESIGN RTU MANUFACTURER, CARRIER.

05. EXHAUST AIR FANS ARE TO BE PROVIDED WITH VFD'S. VFD'S SHALL BE INTEGRAL TO THE UNIT, SUPPLIED BY THE MANUFACTURER.

02. PROVIDE WITH ACCESS PANEL IN CEILING WHERE REQUIRED, AND IN ATTIC FLOORING WHERE INSTALLED ABOVE THE ATTIC FLOORING. COORDINATE ALL ACCESS DOOR REQUIREMENTS WITH THE ARCHITECT.



2

Zone Name and Number	Occupancy Category	Zone Floor Area Az (sq ft)	Calculated Zone Population (People)	Floor Plan Zone Population (People)	Zone Population Pz (People)
RTU01 - 102-RECEPTION	Office space	144	1	3	3
RTU01 - 106-OPEN OFFICE	Office space	127	1	2	2
RTU01 - 108-WORK ROOM	Office space	161	1	1	1
RTU01 - 110-114-CIRCULATION	Corridors	300	0	0	0
RTU01 - 122-STORAGE	Occupiable storage rooms for dry material	50	1	1	1
RTU01 - 124-OPEN OFFICE	Office space	201	2	3	3
RTU01 - 126-OFFICE	Office space	120	1	3	3
RTU01 - 132-STORAGE	Occupiable storage rooms for dry material	412	1	1	1
RTU01 - 134-OFFICE	Office space	128	1	3	3
RTU01 - 136-OPEN OFFICE	Office space	323	2	4	4
RTU01 - 140-WAITING-INTERIOR	Reception areas	315	10	5	10
RTU01 - 160-CIRCULATION	Corridors	162	0	0	0
System Area	AS	(Sq Ft)	2,443	Net occupiable floor area serve	ed by the ventilation sy
System Population	PS	(People)	31		
Sum of Zone Population	Sum of Pz	(People)	31	ΣPz	
Occupant Diversity	D	· · /	1.00	 Ps / ΣPz	
Uncorrected Outdoor Air Intake	Vou	(CFM)	302	$D \sum (Rp Pz) + \sum (Ra Az)$	
System Primary Air Flow	Vps	(CFM)	2,010		
System Discharge Air Flow	Vds	(CFM)	2,010	-	
Average Outdoor Air Fraction	Xs	(01 m)	0.15	Vou / Vps	
Critical Zone			RTU01 - 134-OFFICE		
Zone Max Outdoor Air Fraction	Max Zpz		0.28	-	
System Ventilation Efficiency	Ev		0.87	Ventilation Efficiency From Cri	tical Zone
Outdoor Air Intake Flow Required	Vot	(CFM)	348	Vou / Ev	
Outdoor Air Intake Flow Provided		(CFM)	500	Ventilation Meets or Exceeds t	he Code Requirement
Outdoor Air Percentage At Condition Analyzed			25%		
outdoor Air i ercentage At condition Analyzed	I		2070		
Zone Air Distribution Configuration	Ceiling supply of warm air less than 15°F (8°C) abo	ve space temperature	and ceiling return provided that	the 150 fpm (0.8 m/s) supply air je	t reaches to within 4.5
Condition Analyzed	Heating				
Version	ASHRAE 62.1-2019 Ventilation Rate Procedure				

									RTU-02 VE	NTILATION CALCULAT	ION										
Zone Name and Number	Occupancy Category	Zone Floor Area Az (sq ft)	Calculated Zone Population (People)	Floor Plan Zone Population (People)	Zone Population Pz (People)	People Outdoor Air Rate Rp (CFM Per Person)	Area Outdoor Air Rate Ra (CFM Per SF)	Breathing Zone Outdoor Airflow (people related portion) (CFM) Rp Pz	Breathing Zone Outdoor Airflow (area related portion) (CFM) Ra Az	Breathing Zone Outdoor Airflow Vbz (CFM) Rp Pz + Ra Az	Zone Air Distribution Effectiveness Ez	Zone Outdoor Airflow Voz (CFM) Vbz / Ez	Zone Discharge Airflow Vdz (CFM)	Zone Primary Airflow Vpz (CFM)	Primary Outdoor Air Fraction Zpz Voz / Vpz	Zone Secondary Recirculation Fraction Er	Zone Primary Air Fraction Ep Vpz / Vdz	Supply Air Fraction Fa Ep + (1 - Ep) Er	Mixed Air Fraction Fb Ep	Outdoor Air Fraction Fc 1-(1-Ez)(1-Er)(1-Ep)	Zone Ventilation Efficiency Evz Evz=1+Xs-Zpz Evz=(Fa+Xs*Fb–Zpz*Ep*Fc)/Fa
RTU02-110-OFFICE	Corridors	50	0	3	3	0	0.06	0	3	3	0.80	4	160	160	0.02	0.00	1.00	1.00	1.00	1.00	1.08
RTU02-111-OFFICE	Office space	106	1	3	3	5	0.06	15	6	21	0.80	27	280	280	0.10	0.00	1.00	1.00	1.00	1.00	1.01
RTU02-113-OFFICE	Office space	94	1	3	3	5	0.06	15	6	21	0.80	26	230	230	0.11	0.00	1.00	1.00	1.00	1.00	0.99
RTU02-115-OFFICE	Office space	128	1	3	3	5	0.06	15	8	23	0.80	28	250	250	0.11	0.00	1.00	1.00	1.00	1.00	0.99
RTU02-117-CONFERENCE	Conference/meeting	214	11	10	11	5	0.06	55	13	68	0.80	85	510	510	0.17	0.00	1.00	1.00	1.00	1.00	0.94
RTU02-119-OFFICE	Office space	151	1	7	7	5	0.06	35	9	44	0.80	55	250	250	0.22	0.00	1.00	1.00	1.00	1.00	0.89
System Area	AS	(Sq Ft)	743	Net occupiable floor area served by	by the ventilation system																
System Population	PS	(People)	30																		
Sum of Zone Population	Sum of Pz	(People)	30	ΣPz																	
Occupant Diversity	D		1.00	Ps / ∑Pz																	
Uncorrected Outdoor Air Intake	Vou	(CFM)	180	D ∑ (Rp Pz) + ∑(Ra Az)																	
System Primary Air Flow	Vps	(CFM)	1,680																		
System Discharge Air Flow	Vds	(CFM)	1,680																		
Average Outdoor Air Fraction	Xs		0.11	Vou / Vps																	
Critical Zone			RTU02-119-OFFICE																		
Zone Max Outdoor Air Fraction	Max Zpz		0.22																		
System Ventilation Efficiency	Ev		0.89	Ventilation Efficiency From Critical 2	l Zone																
Outdoor Air Intake Flow Required	Vot	(CFM)	203	Vou / Ev																	
Outdoor Air Intake Flow Provided		(CFM)	300	Ventilation Meets or Exceeds the Co	Code Requirements																
		\ /	18%																		
Outdoor Air Percentage At Condition Analyzed																					
	Ceiling supply of warm air 15°F (8°C) or mor	e above space temperature	and ceiling return																		
Zone Air Distribution Configuration Condition Analyzed	Ceiling supply of warm air 15°F (8°C) or mor Heating	e above space temperature	and ceiling return																		

Zone Name and Number	Occupancy Category
RTU03-100-LOBBY	Main entry lobbies
RTU03-101-CIRCULATION	Corridors
RTU03-102A-RECORDS STORAGE	Occupiable storage rooms for
RTU03-105-OFFICE	Office space
	Office appear

1

RTU03-100-LOBBY	Main entry lobbies	305	4	12	12
RTU03-101-CIRCULATION	Corridors	520	0	2	2
RTU03-102A-RECORDS STORAGE	Occupiable storage rooms for dry material	77	1	0	1
RTU03-105-OFFICE	Office space	92	1	3	3
RTU03-107-OFFICE	Office space	92	1	2	2
RTU03-109-OFFICE	Office space	92	1	2	2
RTU03-159-WAITING	Reception areas	127	4	6	6
RTU03-161-STORAGE	Occupiable storage rooms for dry material	100	1	1	1
RTU03-162-RECORDS	Occupiable storage rooms for dry material	305	1	1	1
System Area	AS	(Sq Ft)	1,710	Net occupiable floor area serve	ed by the ventilation syste
System Population	PS	(People)	30		
Sum of Zone Population	Sum of Pz	(People)	30	ΣPz	
Occupant Diversity	D		1.00	Ps / ∑Pz	
Uncorrected Outdoor Air Intake	Vou	(CFM)	243	D ∑ (Rp Pz) + ∑(Ra Az)	
System Primary Air Flow	Vps	(CFM)	2,220		
System Discharge Air Flow	Vds	(CFM)	2,220		
Average Outdoor Air Fraction	Xs		0.11	Vou / Vps	
	Ι	1		_	
Critical Zone	Mar 7		RTU03-100-LOBBY		
Zone Max Outdoor Air Fraction	Max Zpz		0.35		K 7
System Ventilation Efficiency	Ev	(0514)	0.76	Ventilation Efficiency From Cri	lical Zone
Outdoor Air Intake Flow Required	Vot	(CFM)	319	Vou / Ev	
Outdoor Air Intake Flow Provided		(CFM)	500	Ventilation Meets or Exceeds t	he Code Requirements
Outdoor Air Percentage At Condition Analyzed			23%	-	
Zone Air Distribution Configuration	Ceiling supply of warm air less than 15°F (8°C) a	bove space temperature	e and ceiling return provided th	nat the 150 fpm (0.8 m/s) supply a	r jet reaches to within 4.5
Condition Analyzed	Heating				
Version	ASHRAE 62.1-2019 Ventilation Rate Procedure				

Zone

Floor Area Az (sq ft)

Calculated Zone Population

(People)

RTU-04 VENTILATION CALCULATION																					
Zone Name and Number	Occupancy Category	Zone Floor Area Az (sq ft)	Calculated Zone Population (People)	Floor Plan Zone Population (People)	Zone Population Pz (People)	People Outdoor Air Rate Rp (CFM Per Person)	Area Outdoor Air Rate Ra (CFM Per SF)	Breathing Zone Outdoor Airflow (people related portion) (CFM) Rp Pz	Breathing Zone Outdoor Airflow (area related portion) (CFM) Ra Az	Breathing Zone Outdoor Airflow Vbz (CFM) Rp Pz + Ra Az	Zone Air Distribution Effectiveness Ez	Zone Outdoor Airflow Voz (CFM) Vbz / Ez	Zone Discharge Airflow Vdz (CFM)	Zone Primary Airflow Vpz (CFM)	Primary Outdoor Air Fraction Zpz Voz / Vpz	Zone Secondary Recirculation Fraction Er	Zone Primary Air Fraction Ep Vpz / Vdz	Supply Air Fraction Fa Ep + (1 - Ep) Er	Mixed Air Fraction Fb Ep	Outdoor Air Fraction Fc 1-(1-Ez)(1-Er)(1-Ep)	Zone Ventilation Efficiency Evz Evz=1+Xs-Zpz Evz=(Fa+Xs*Fb–Zpz*Ep*Fc)/Fa
RTU04-120-CIRCULATION	Corridors	83	0	0	0	0	0.06	0	5	5	0.80	6	90	90	0.07	0.00	1.00	1.00	1.00	1.00	1.09
RTU04-121-OFFICE	Office space	150	1	4	4	5	0.06	20	9	29	0.80	36	170	170	0.21	0.00	1.00	1.00	1.00	1.00	0.94
RTU04-123-WAITING	Reception areas	93	3	3	3	5	0.06	15	6	21	0.80	26	110	110	0.23	0.00	1.00	1.00	1.00	1.00	0.92
RTU04-125-MAIL	Office space	73	1	1	1	5	0.06	5	4	9	0.80	12	80	80	0.15	0.00	1.00	1.00	1.00	1.00	1 01
RTU04-127-HUDDLE	Conference/meeting	99	5	5	5	5	0.06	25	6	31	0.80	39	130	130	0.30	0.00	1.00	1.00	1.00	1.00	0.86
RTU04-128-CIRCULATION	Corridors	326	0	0	0	0	0.06	0	20	20	0.80	24	210	210	0.12	0.00	1 00	1.00	1.00	1.00	1 04
RTU04-131-BREAK	Breakrooms	341	18	14	18	5	0.12	90	41	131	0.80	164	860	860	0.19	0.00	1 00	1.00	1.00	1.00	0.97
RTU04-133-1-OPEN OFFICE	Office space	452	3	7	7	5	0.06	35	27	62	0.80	78	320	320	0.24	0.00	1 00	1.00	1.00	1.00	0.91
RTU04-133-1-OPEN OFFICE	Office space	440	3	4	4	5	0.06	20	26	46	0.80	58	300	300	0.19	0.00	1.00	1.00	1.00	1.00	0.96
RTU04-135-OFFICE	Office space	128	1	3	3	5	0.06	15	8	23	0.80	28	140	140	0.20	0.00	1.00	1.00	1 00	1.00	0.95
		120	•	, C	Ŭ	č	0.00	10	, S	20	0.00	20	110	110	0.20	0.00	1.00	1.00	1.00	1.00	0.00
System Area	٨٩	(Sq Ft)	2,185	Net occupiable floor area ser	ved by the ventilation syst	tem															
System Population		(People)	2,105		ved by the ventilation syst																
System Population	Sum of Pz	(People)	45																		
Occupant Diversity	Sull of F2	(Feople)	1 00	22 Ps / ∑Pz																	
Uncorrected Outdoor Air Intake	Vou	(CFM)	377	$D \sum (Rp Pz) + \sum (Ra Az)$																	
System Primary Air Flow	Vps	(CFM)	2,410	$- \int \sum (Rp FZ) + \sum (Ra AZ)$																	
System Primary Air How System Discharge Air Flow	Vds	(CFM)	2,410	_																	
Average Outdoor Air Fraction	Ye		0.16	Vou / Vps																	
	^S		0.10																		
Critical Zone			RTU04-127-HUDDLE																		
Zone Max Outdoor Air Fraction	Max Zpz		0.30																		
System Ventilation Efficiency			0.30	Ventilation Efficiency From C	ritical Zone																
Outdoor Air Intake Flow Required	Ev	(CFM)		Vou / Ev																	
	Vot		400																		
Outdoor Air Intake Flow Provided		(CFM)	500	Ventilation Meets or Exceeds	the Code Requirements																
Outdoor Air Percentage At Condition Analyzed			21%																		
	I																				
Zone Air Distribution Configuration	Ceiling supply of warm air less than 15°F (8	3°C) above space temperature	and ceiling return provided the	at the 150 fpm (0.8 m/s) supply :	air iet reaches to within 4	5 ft (1 4 m) of floor level Note: F	or lower velocity supply air E	z = 0.8													
Condition Analyzed	Heating																				
	ASHRAE 62.1-2019 Ventilation Rate Proce																				

1			

3 4

ion e)	People Outdoor Air Rate Rp (CFM Per Person)	Area Outdoor Air Rate Ra (CFM Per SF)	Breathing Zone Outdoor Airflow (people related portion) (CFM) Rp Pz	Breathing Zone Outdoor Airflow (area related portion) (CFM) Ra Az	Breathing Zone Outdoor Airflow Vbz (CFM) Rp Pz + Ra Az	Zone Air Distribution Effectiveness Ez	Zone Outdoor Airflow Voz (CFM) Vbz / Ez	Zone Discharge Airflow Vdz (CFM)	Zone Primary Airflow Vpz (CFM)	Primary Outdoor Air Fraction Zpz Voz / Vpz	Zone Secondary Recirculation Fraction Er	Zone Primary Air Fraction Ep Vpz / Vdz	Supply Air Fraction Fa Ep + (1 - Ep) Er	Mixed Air Fraction Fb Ep	Outdoor Air Fraction Fc 1-(1-Ez)(1-Er)(1-Ep)	Zone Ventilation Efficiency Evz Evz=1+Xs-Zpz Evz=(Fa+Xs*Fb–Zpz*Ep*Fc)/Fa
	5	0.06	15	9	24	0.80	30	130	130	0.23	0.00	1.00	1.00	1.00	1.00	0.92
	5	0.06	10	8	18	0.80	22	90	90	0.24	0.00	1.00	1.00	1.00	1.00	0.91
	5	0.06	5	10	15	0.80	18	270	270	0.07	0.00	1.00	1.00	1.00	1.00	1.08
	0	0.06	0	18	18	0.80	23	200	200	0.11	0.00	1.00	1.00	1.00	1.00	1.04
	5	0.06	5	3	8	0.80	10	50	50	0.20	0.00	1.00	1.00	1.00	1.00	0.95
	5	0.06	15	12	27	0.80	34	130	130	0.26	0.00	1.00	1.00	1.00	1.00	0.89
	5	0.06	15	7	22	0.80	28	100	100	0.28	0.00	1.00	1.00	1.00	1.00	0.87
	5	0.06	5	25	30	0.80	37	200	200	0.19	0.00	1.00	1.00	1.00	1.00	0.96
	5	0.06	15	8	23	0.80	28	100	100	0.28	0.00	1.00	1.00	1.00	1.00	0.87
	5	0.06	20	19	39	0.80	49	220	220	0.22	0.00	1.00	1.00	1.00	1.00	0.93
	5	0.06	50	19	69	0.80	86	430	430	0.20	0.00	1.00	1.00	1.00	1.00	0.95
	0	0.06	0	10	10	0.80	12	90	90	0.14	0.00	1.00	1.00	1.00	1.00	1.02

5

ments

in 4.5 ft (1.4 m) of floor level. Note: For lower velocity supply air, Ez = 0.8.

Zone Population Pz (People)

Floor Plan Zone Population

(People)

	1		RTU-03 VEN	TILATION CALCULAT	ION	1	1	Γ			1	Ι	1		
People Outdoor Air Rate Rp (CFM Per Person)	Area Outdoor Air Rate Ra (CFM Per SF)	Breathing Zone Outdoor Airflow (people related portion) (CFM) Rp Pz	Breathing Zone Outdoor Airflow (area related portion) (CFM) Ra Az	Breathing Zone Outdoor Airflow Vbz (CFM) Rp Pz + Ra Az	Zone Air Distribution Effectiveness Ez	Zone Outdoor Airflow Voz (CFM) Vbz / Ez	Zone Discharge Airflow Vdz (CFM)	Zone Primary Airflow Vpz (CFM)	Primary Outdoor Air Fraction Zpz Voz / Vpz	Zone Secondary Recirculation Fraction Er	Zone Primary Air Fraction Ep Vpz / Vdz	Supply Air Fraction Fa Ep + (1 - Ep) Er	Mixed Air Fraction Fb Ep	Outdoor Air Fraction Fc 1-(1-Ez)(1-Er)(1-Ep)	Zone Ventilation Efficiency Evz Evz=1+Xs-Zpz Evz=(Fa+Xs*Fb–Zpz*Ep*Fc)/Fa
5	0.06	60	18	78	0.80	98	280	280	0.35	0.00	1.00	1.00	1.00	1.00	0.76
0	0.06	0	31	31	0.80	39	570	570	0.07	0.00	1.00	1.00	1.00	1.00	1.04
5	0.06	5	5	10	0.80	12	70	70	0.17	0.00	1.00	1.00	1.00	1.00	0.94
5	0.06	15	6	21	0.80	26	220	220	0.12	0.00	1.00	1.00	1.00	1.00	0.99
5	0.06	10	6	16	0.80	19	210	210	0.09	0.00	1.00	1.00	1.00	1.00	1.02
5	0.06	10	6	16	0.80	19	210	210	0.09	0.00	1.00	1.00	1.00	1.00	1.02
5	0.06	30	8	38	0.80	47	300	300	0.16	0.00	1.00	1.00	1.00	1.00	0.95
5	0.06	5	6	11	0.80	14	200	200	0.07	0.00	1.00	1.00	1.00	1.00	1.04
5	0.06	5	18	23	0.80	29	160	160	0.18	0.00	1.00	1.00	1.00	1.00	0.93

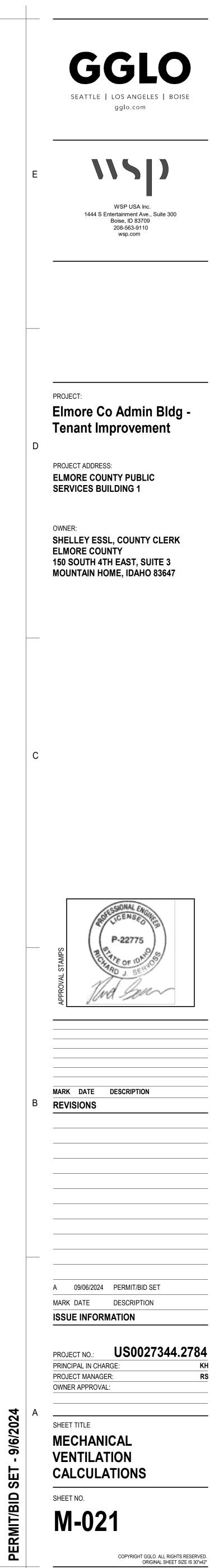
4

in 4.5 ft (1.4 m) of floor level. Note: For lower velocity supply air, Ez = 0.8.

3

5

6



6

SET AIT/BID

	1		2
E			
D			
С			
В			
D			
A			
124 3:30:57 PM			
PLOT DATE/TIME: 9/6/2024 3:30:57 PM			

2

Zone Name and Number RTU05-144 WORK ROOM RTU05-144 WORK ROOM RTU05-145-OFFICE RTU05-147-1-OPEN OFFICE RTU05-147-2-OPEN OFFICE RTU05-150-CIRCULATION RTU05-151-FURNITURE STORAGE RTU05-157-OFFICE Occupiable stora System Area System Population Sum of Zone Population Occupant Diversity System Outdoor Air Flow Required System Discharge Air Flow Required System Outdoor Air Flow Provided System Outdoor Air Percentage At Condition Analyzed System Discharge Air Flow Provided _____

4

Version

4

3

3

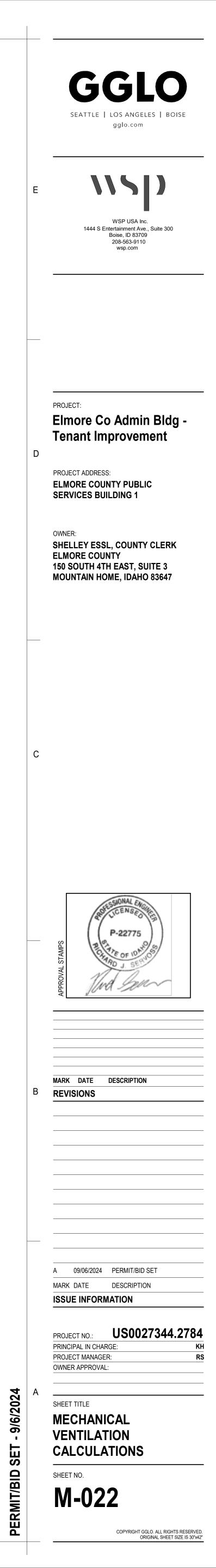
RTU-06 VENTILATION CALCULATION												
Zone Name and Number	Occupancy Category	Zone Floor Area Az (sq ft)	Calculated Zone Population (People)	Floor Plan Zone Population (People)	Zone Population Pz (People)	People Outdoor Air Rate Rp (CFM Per Person)	Outdoor Airflow Required (CFM) Rp Pz	People Zone Discharge Air Rate (CFM per Person)	Zone Discharge Air Flow Required (CFM)	Zone Discharge Airflow Vdz (CFM)		
RTU06-149-CLASSROOM	Classrooms (age 9 plus)	788	28	30	30	5	150	15	450	2,000		
System Area	AS	(Sq Ft)	788	Net occupiable floor area	served by the ventila	ation system						
System Population	PS	(People)	30									
Sum of Zone Population	Sum of Pz	(People)	30	ΣPz								
Occupant Diversity	D		1.00	Ps / ∑Pz								
System Outdoor Air Flow Required	Vot	(CFM)	150	D Σ (Rp Pz)								
System Discharge Air Flow Required		(CFM)	450	D ∑ (Rp Pz)								
System Outdoor Air Flow Provided		(CFM)	325	Outdoor Air Flow Meets o	or Exceeds the Code	Requirements						
System Outdoor Air Percentage At Condition Analyzed		`, ',	16%	7								
System Discharge Air Flow Provided		(CFM)	2,000	System Discharge Air Flo	w Meets or Exceeds	the Code Requirements						

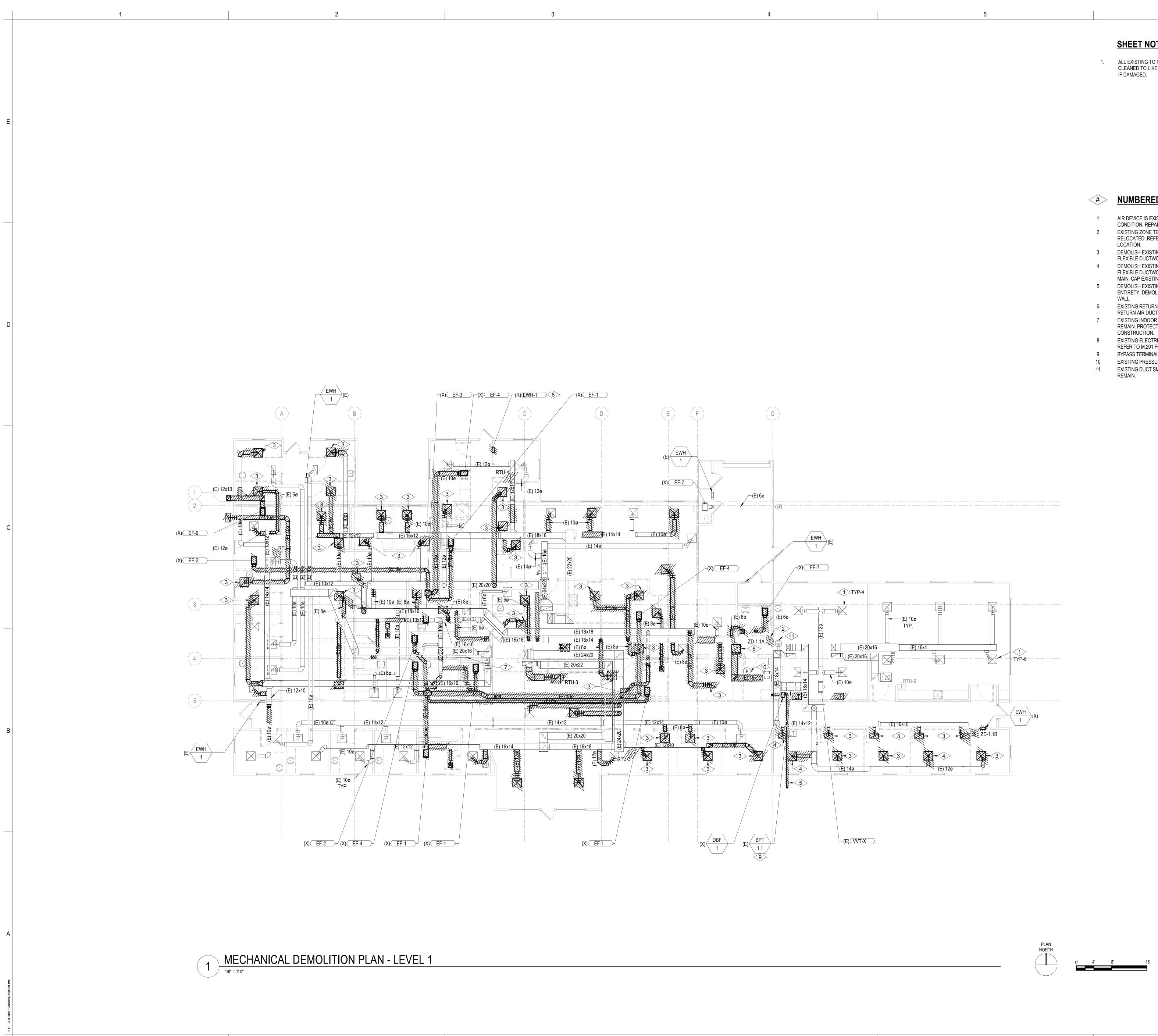
5

5

6

		RTU-0	5 - VENTILATION CA	LCULATION					
Occupancy Category	Zone Floor Area Az (sq ft)	Calculated Zone Population (People)	Floor Plan Zone Population (People)	Zone Population Pz (People)	People Outdoor Air Rate Rp (CFM Per Person)	Outdoor Airflow Required (CFM) Rp Pz	People Zone Discharge Air Rate (CFM per Person)	Zone Discharge Air Flow Required (CFM)	Zone Discharge Airflow Vdz (CFM)
Office space	155	1	2	2	5	10	15	30	100
Office space	128	1	3	3	5	15	15	45	130
Office space	283	2	3	3	5	15	15	45	190
Office space	143	1	2	2	5	10	15	30	120
Corridors	253	0	1	1	5	5	15	15	310
Occupiable storage rooms for dry material	87	1	1	1	5	5	15	15	270
Office space	141	1	3	3	5	15	15	45	340
	·							· · · · ·	
AS	(Sq Ft)	1,190	Net occupiable floor area	served by the ventila	ation system				
PS	(People)	15							
Sum of Pz	(People)	15	ΣPz						
D		1.00	Ps / ∑Pz						
			_						
Vot	(CFM)	75	D ∑ (Rp Pz)						
	(CFM)	225	D ∑ (Rp Pz)						
	(CFM)	300	Outdoor Air Flow Meets of	or Exceeds the Code	Requirements				
		21%							
	(CFM)	1,460	System Discharge Air Flo	w Meets or Exceeds	s the Code Requirements				





1

SHEET NOTES:

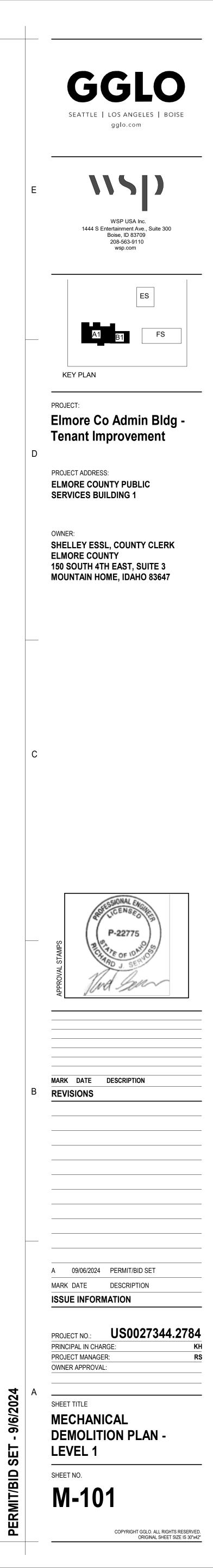
1. ALL EXISTING TO REMAIN AIR DEVICES ARE TO BE CLEANED TO LIKE NEW CONDITION. REPAIR/REPLACE

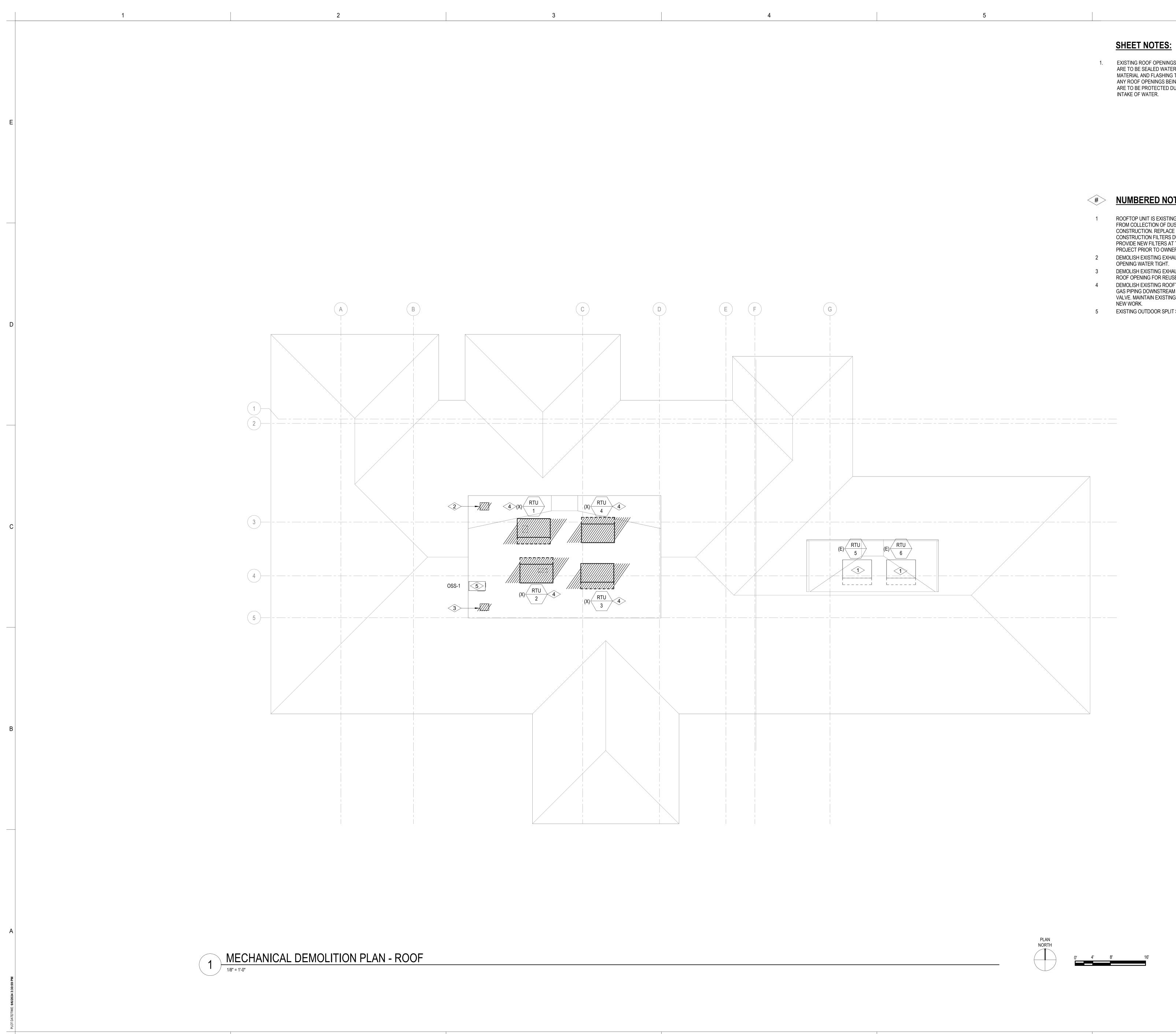
6

NUMBERED NOTES:

- AIR DEVICE IS EXISTING TO REMAIN. CLEAN TO LIKE NEW CONDITION. REPAIR / REPLACE IN KIND IF DAMAGED. EXISTING ZONE TEMPERATURE SENSOR TO BE
- RELOCATED. REFER TO NEW WORK PLAN FOR NEW DEMOLISH EXISTING AIR DEVICE AND ASSOCIATED FLEXIBLE DUCTWORK.
- DEMOLISH EXISTING AIR DEVICE AND ASSOCIATED FLEXIBLE DUCTWORK AND RIGID DUCTWORK BACK TO MAIN. CAP EXISTING TAP OFF THE MAIN. DEMOLISH EXISTING DRYER EXHAUST SYSTEM IN ITS
- ENTIRETY. DEMOLISH EXISTING DRYER BOX AND PATCH EXISTING RETURN AIR GRILLE TO BE DEMOLISHED.
- RETURN AIR DUCTWORK IS EXISTING TO REMAIN. EXISTING INDOOR SPLIT SYSTEM UNIT IS EXISTING TO REMAIN. PROTECT FROM DUST AND DEBRIS DURING
- EXISTING ELECTRIC WATER HEATER TO BE RELOCATED. REFER TO M.201 FOR NEW LOCATION.
- BYPASS TERMINAL UNITS ARE EXISTING TO REMAIN. EXISTING PRESSURE SENSOR TO BE RELOCATED
- EXISTING DUCT SMOKE DETECTOR IS EXISTING TO

5





2

1

1. EXISTING ROOF OPENINGS NOT REUSED FOR NEW WORK ARE TO BE SEALED WATER TIGHT WITH ROOFING MATERIAL AND FLASHING TO MATCH EXISTING ROOFING. ANY ROOF OPENINGS BEING REUSED FOR NEW WORK ARE TO BE PROTECTED DURING THE CONTRACT FROM INTAKE OF WATER.

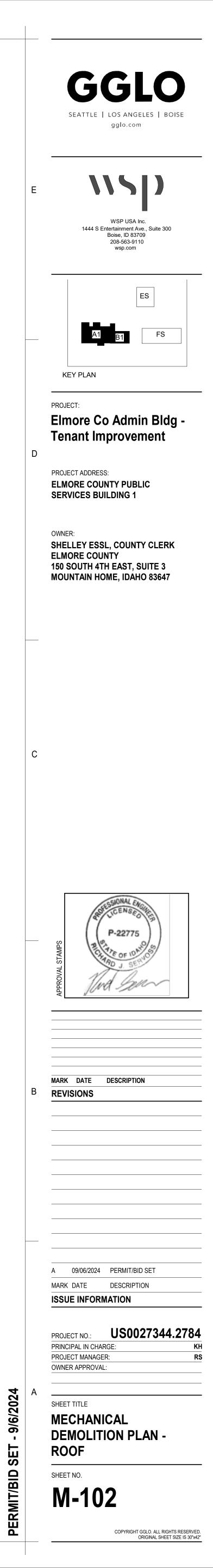
6

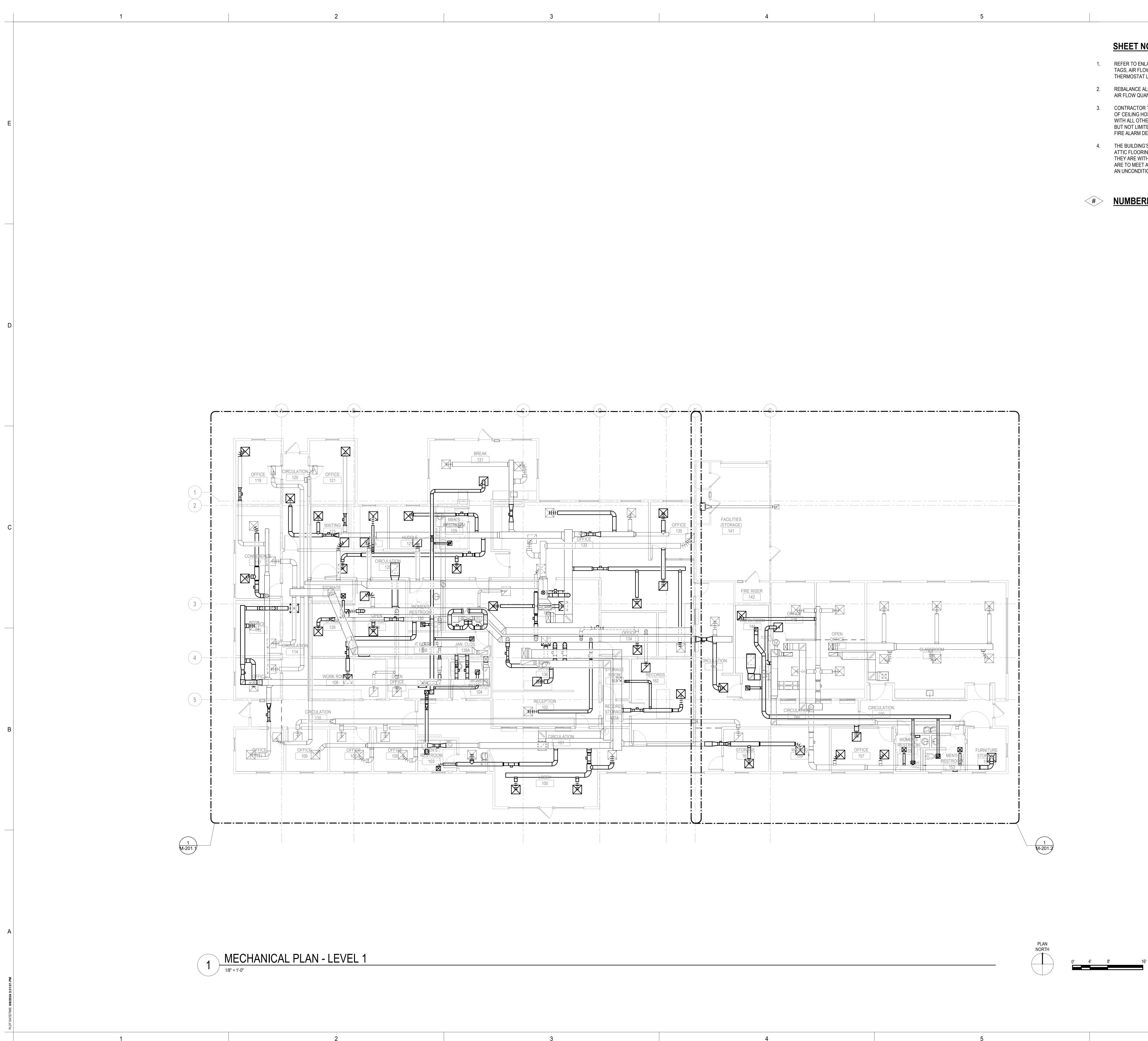
NUMBERED NOTES:

5

4

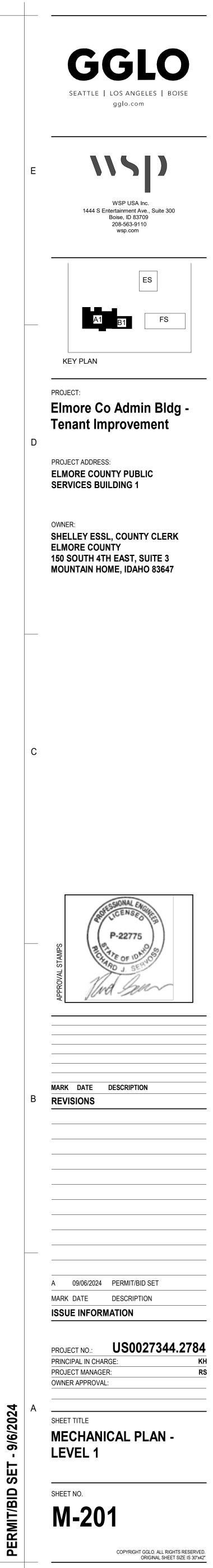
- ROOFTOP UNIT IS EXISTING TO REMAIN. PROTECT UNIT FROM COLLECTION OF DUST AND DEBRIS DURING CONSTRUCTION. REPLACE EXISTING FILTERS WITH CONSTRUCTION FILTERS DURING CONSTRUCTION AND PROVIDE NEW FILTERS AT THE COMPLETION OF THE PROJECT PRIOR TO OWNER ACCEPTANCE. DEMOLISH EXISTING EXHAUST VENT AND PATCH ROOF
- OPENING WATER TIGHT. DEMOLISH EXISTING EXHAUST VENT. MAINTAIN EXISTING ROOF OPENING FOR REUSE IN NEW WORK PLAN.
- DEMOLISH EXISTING ROOFTOP UNIT. DEMOLISH BRANCH GAS PIPING DOWNSTREAM OF EXISTING GAS ISOLATION VALVE. MAINTAIN EXISTING ROOF CURB FOR REUSE IN
- EXISTING OUTDOOR SPLIT SYSTEM UNIT IS TO REMAIN.



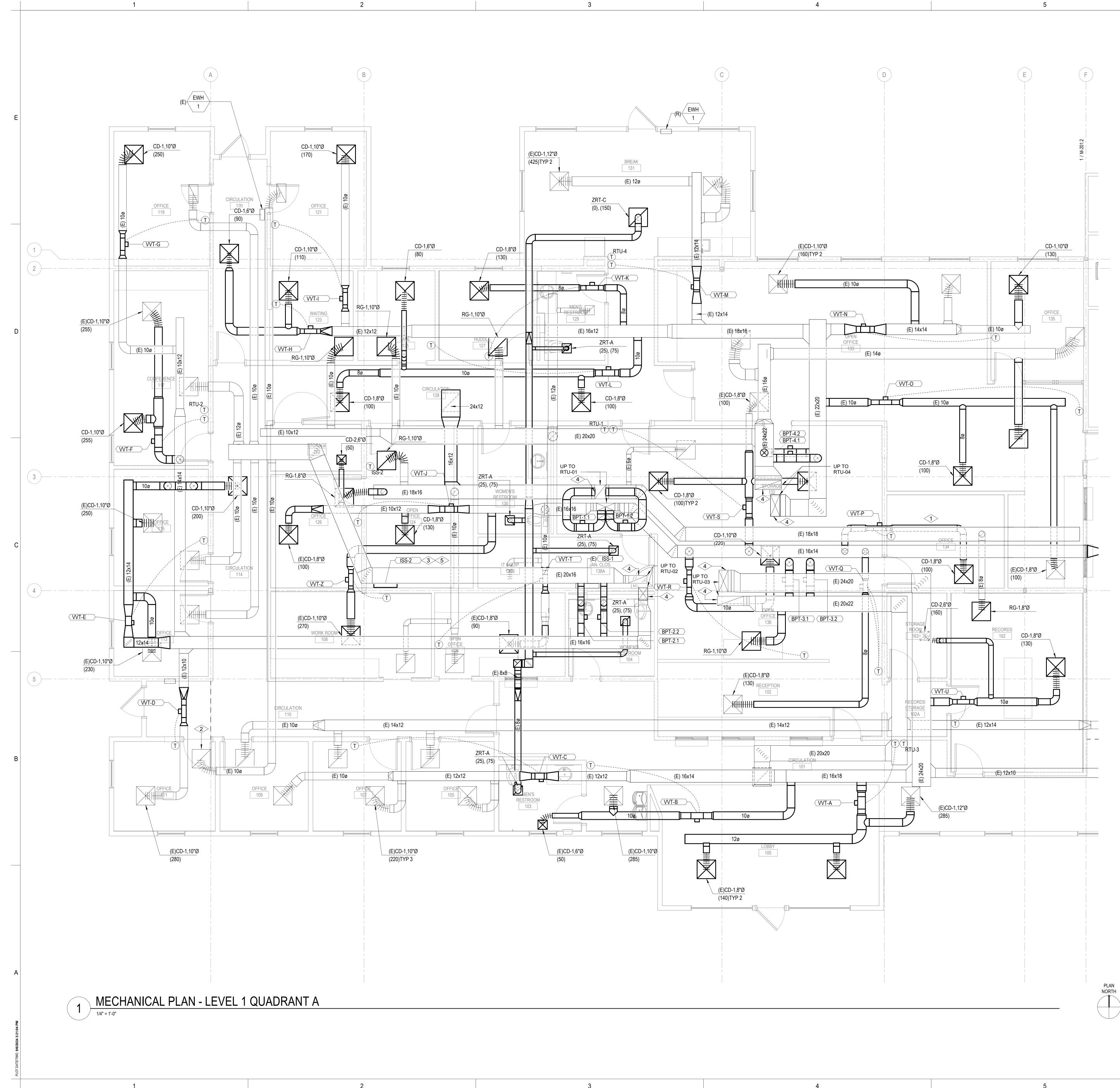


- 1. REFER TO ENLARGED QUADRANT PLANS FOR DUCT TAGS, AIR FLOW TAGS, EQUIPMENT TAGS, AND THERMOSTAT LOCATIONS.
- REBALANCE ALL EXISTING TO REMAIN AIR DEVICES TO AIR FLOW QUANTITIES SHOWN.
- 3. CONTRACTOR TO FIELD COORDINATE EXACT LOCATION OF CEILING HOSTED AIR DEVICES IN COORDINATION WITH ALL OTHER CEILING HOSTED DEVICES INCLUDING, BUT NOT LIMITED TO, LIGHTING, FIRE SPRINKLERS AND FIRE ALARM DEVICES.
- THE BUILDING'S THERMAL ENVELOPE STOPS AT THE ATTIC FLOORING. WHERE SYSTEMS RUN IN THE ATTIC, THEY ARE WITHIN AN UNCONDITIONED ATTIC SPACE, AND ARE TO MEET ALL SPECIFICATIONS FOR SYSTEMS RAN IN AN UNCONDITIONED ATTIC SPACE.

#> <u>NUMBERED NOTES:</u>



ດ SET MIT/BID

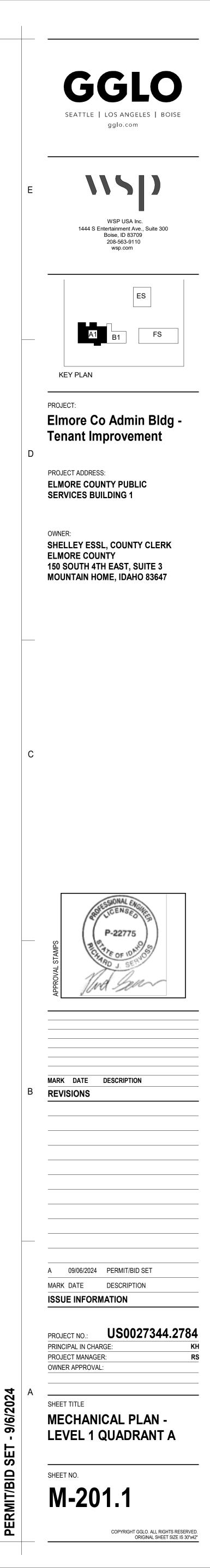


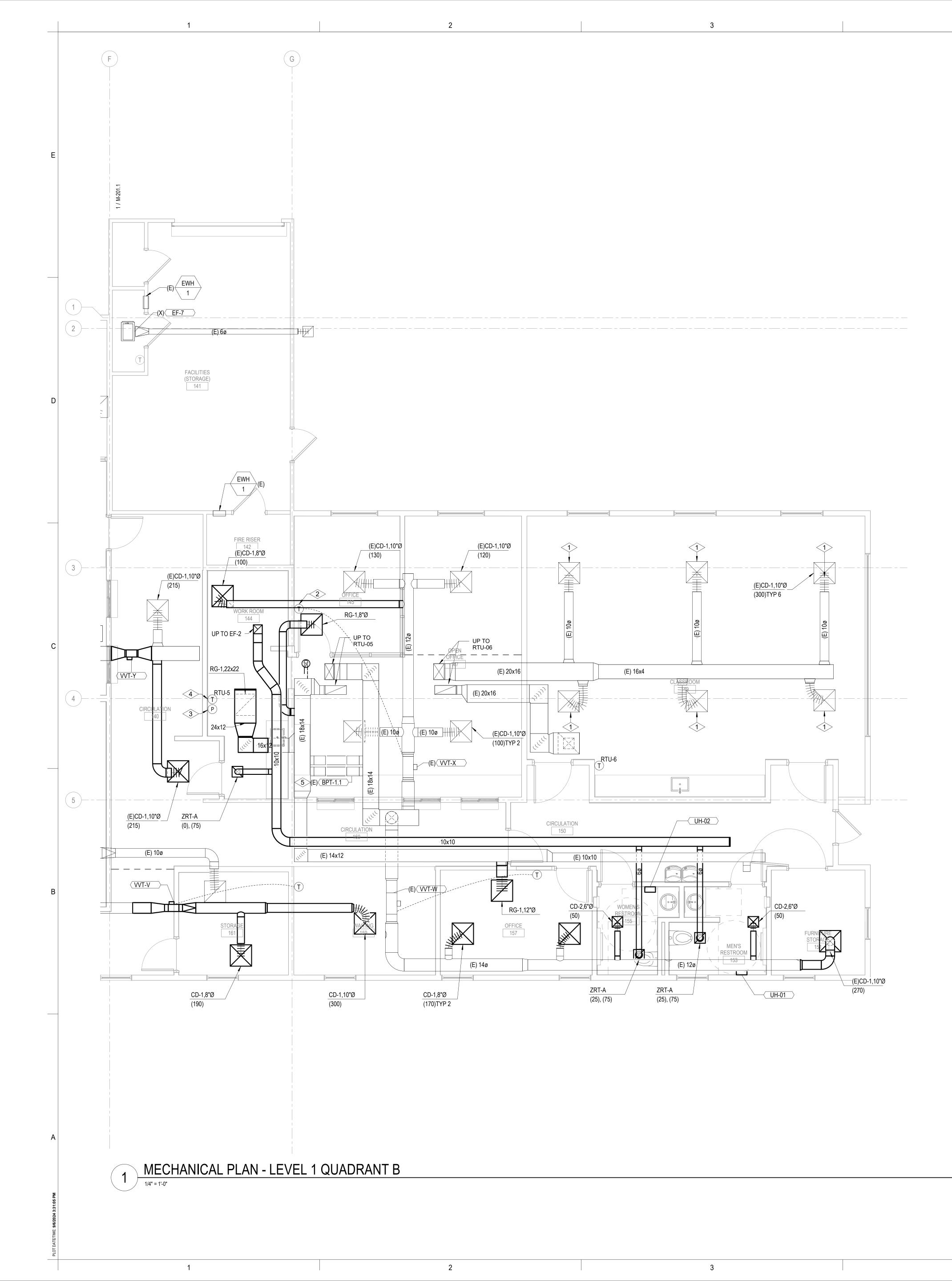
- 1. CONTRACTOR TO FIELD COORDINATE EXACT LOCATION OF CEILING HOSTED AIR DEVICES IN COORDINATION WITH ALL OTHER CEILING HOSTED DEVICES INCLUDING, BUT NOT LIMITED TO, LIGHTING, FIRE SPRINKLERS AND FIRE ALARM DEVICES.
- REBALANCE ALL EXISTING TO REMAIN AIR DEVICES TO AIR FLOW QUANTITIES SHOWN.

WUMBERED NOTES:

- BALANCE AIR DEVICES TO AIR FLOWS INDICATED. AIR DEVICE IS EXISTING TO REMAIN. FOR EXISTING SUPPLY AIR DEVICES, BALANCE TO AIR FLOW INDICATED. FOR EXISTING RETURN AIR DEVICES, REBALANCE TO MATCH ROOM SUPPLY AIR FLOWS INDICATED UNLESS NOTED OTHERWISE.
- PROVIDE WITH INTEGRAL CONDENSATE PUMP AND PUMP CONDENSATE INTO JANITOR CLOSET AND SPILL INTO MOP SINK.
- ALL NEW SUPPLY AND RETURN DUCTWORK WITHIN 20 LINEAR FEET OF DUCT RUN FROM THE UNIT IS TO BE PROVIDED WITH INTERNAL SOUND LINING.
 ROUTE REFRIGERANT PIPING TO/FROM THE ROOFTOP CONDENSER PER THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

0' 2' 4' 8'





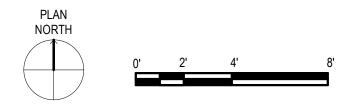
4

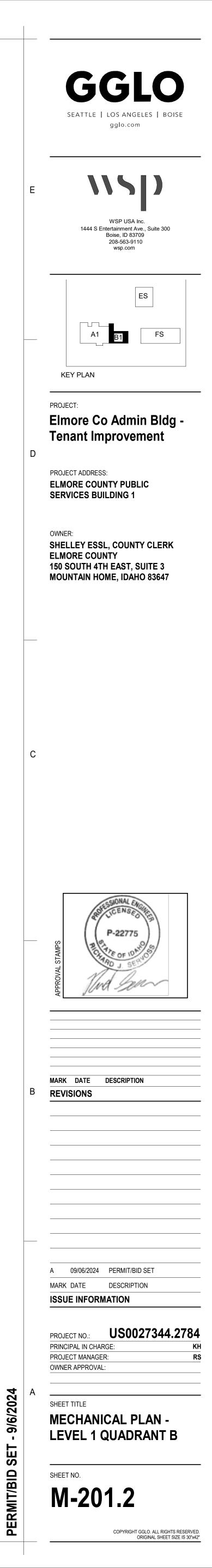
4

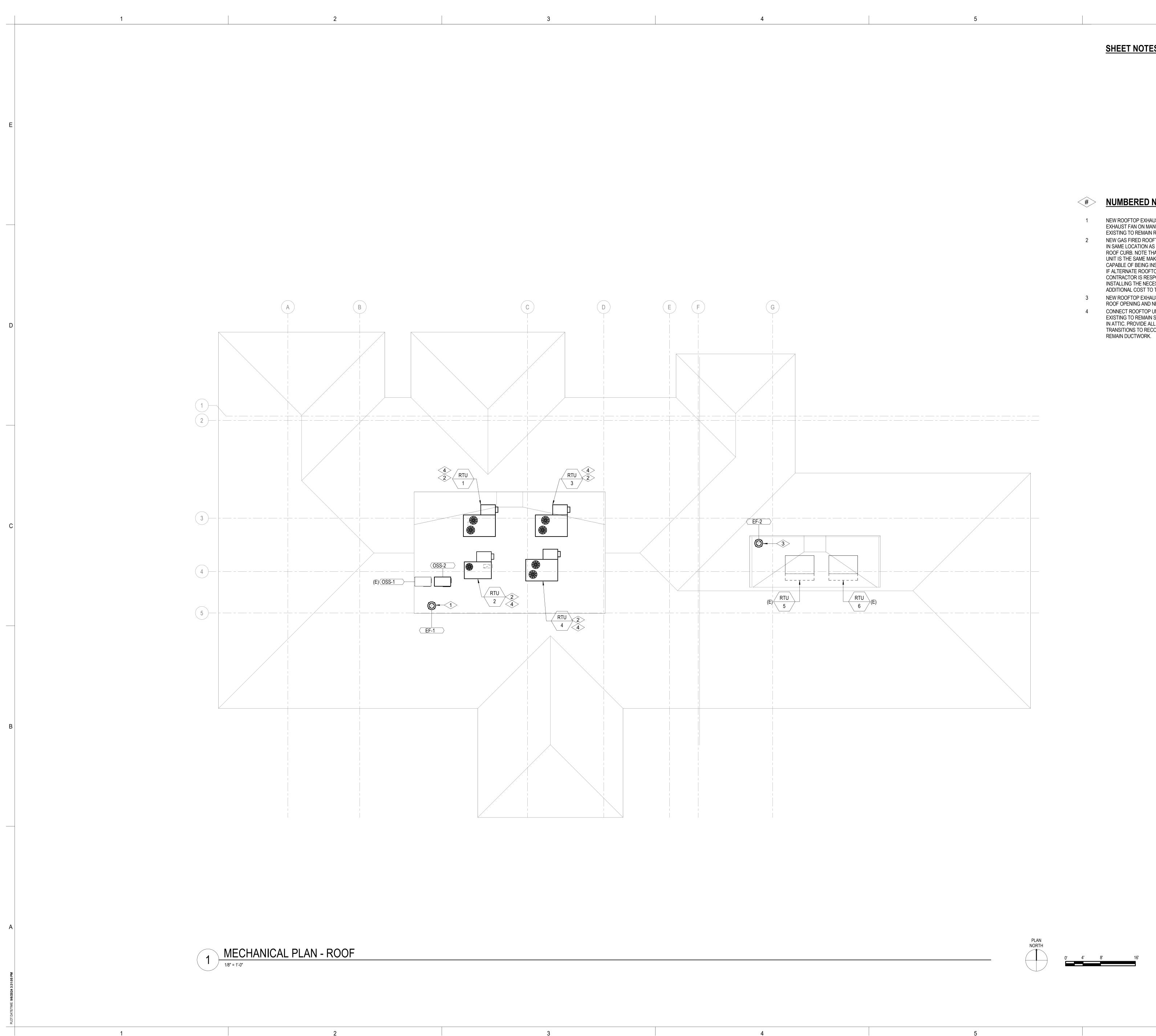
1. CONTRACTOR TO FIELD COORDINATE EXACT LOCATION OF CEILING HOSTED AIR DEVICES IN COORDINATION WITH ALL OTHER CEILING HOSTED DEVICES INCLUDING, BUT NOT LIMITED TO, LIGHTING, FIRE SPRINKLERS AND FIRE ALARM DEVICES.

#> <u>NUMBERED NOTES:</u>

- BALANCE AIR DEVICES TO AIR FLOWS INDICATED. RELOCATED TEMPERATURE SENSOR
- RELOCATED PRESSURE SENOR
- RELOCATED RTU-5 SYSTEM PILOT EXISTING BYPASS TERMINAL UNITS ARE TO REMAIN



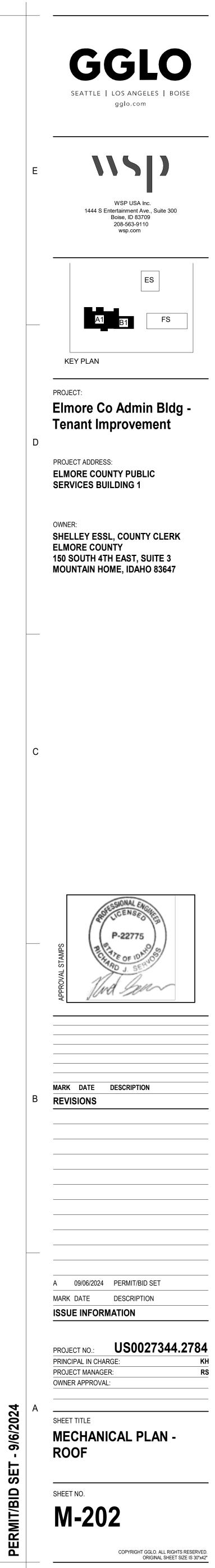




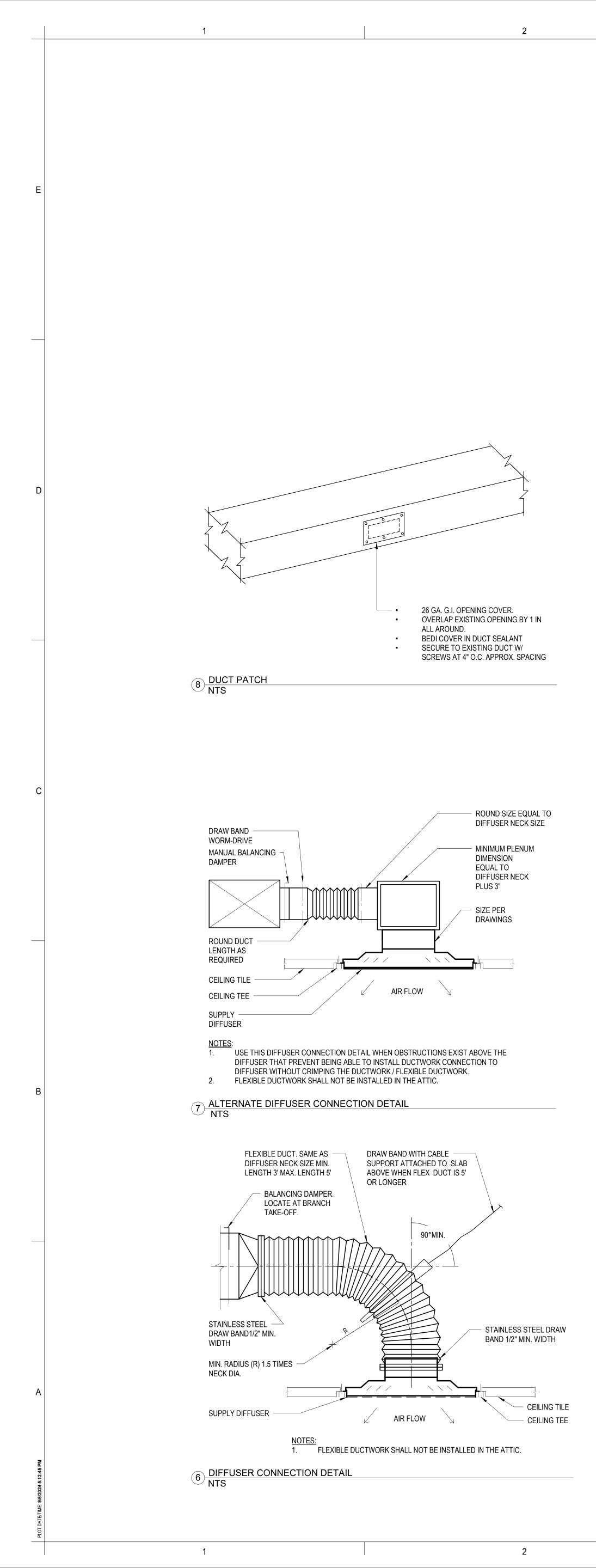
5

NUMBERED NOTES:

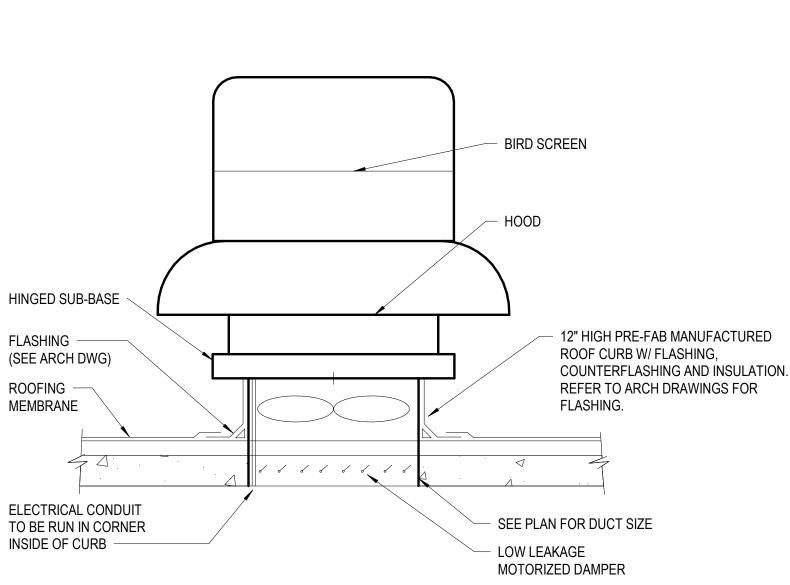
- NEW ROOFTOP EXHAUST FAN. INSTALL ROOFTOP EXHAUST FAN ON MANUFACTURER'S CURB REUSING EXISTING TO REMAIN ROOF OPENING. NEW GAS FIRED ROOFTOP UNIT. INSTALL ROOFTOP UNIT IN SAME LOCATION AS EXISTING UNIT. REUSE EXISTING ROOF CURB. NOTE THAT THE BASIS OF DESIGN ROOFTOP UNIT IS THE SAME MAKE AS THE EXISTING AND ARE CAPABLE OF BEING INSTALLED ON THE EXISTING CURBS. IF ALTERNATE ROOFTOP UNIT'S ARE PROVIDED, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING THE NECESSARY ROOF CURBS AT NO ADDITIONAL COST TO THE OWNER.
- NEW ROOFTOP EXHAUST AIR FAN. PROVIDE WITH NEW ROOF OPENING AND NEW CURB. CONNECT ROOFTOP UNIT SUPPLY AND RETURN TO EXISTING TO REMAIN SUPPLY AND RETURN DUCTWORK IN ATTIC. PROVIDE ALL NECESSARY DUCTWORK AND TRANSITIONS TO RECONNECT TO THE EXISTING TO



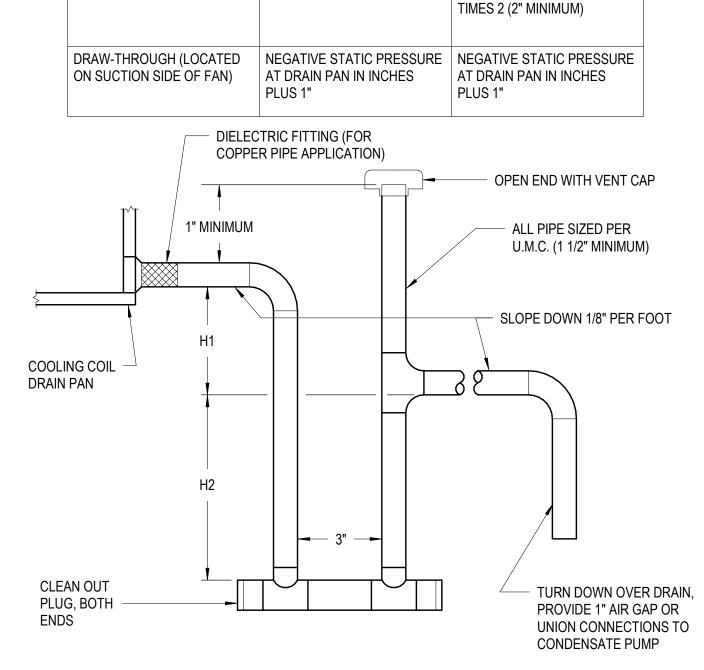
6 SET







(4) COOLING COIL CONDENSATE TRAP NTS

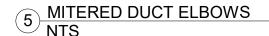


H1 (HEIGHT)

H2 (HEIGHT)

POSITIVE STATIC PRESSURE

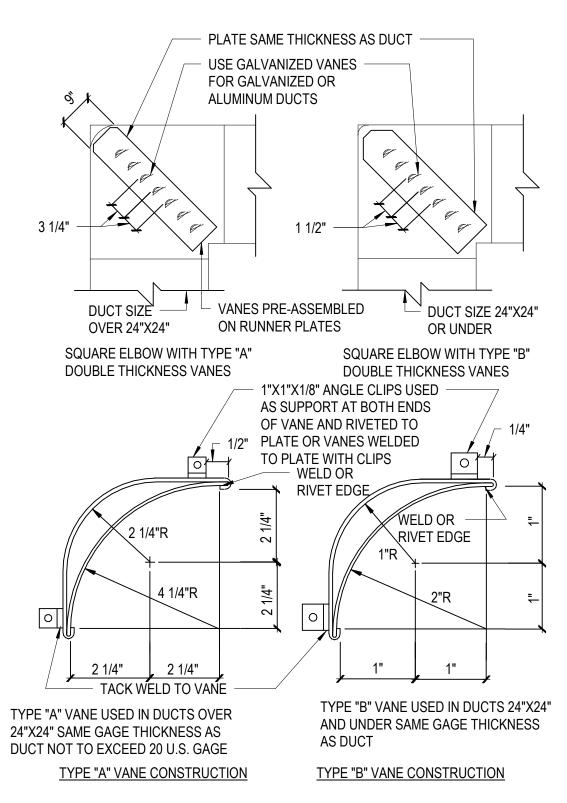
AT DRAIN PAN IN INCHES



BLOW-THROUGH (LOCATED 1" MINIMUM

ON DISCHARGE SIDE OF FAN)

COIL TYPE



5

			TEMPERATU	RE SET POINTS	
	COOLING S		HEATING S	SET POINTS	
ZONES	OCCUPIED	UNOCCUPIED	OCCUPIED	UNOCCUPIED	REMARKS
	(°F)	(°F)	(°F)	(°F)	
TYPICAL, UNO	75	85	68	60	
ISS-01	65	65	NA	NA	
ISS-02	65	65	NA	NA	
GENERAL NOTES:					
01.	ALL SET POINTS AR	E TO BE ADJUSTABL	.E.		
01.	ALL RTU'S ARE TO I	HAVE A MINIMUM OF	A 5 DEGREEE TEMP	ERATURE DEADBANI	D BETWEEN COOLING AND HEATING SET POINTS.
02.	ALL RTU'S ARE TO I UNOCCUPIED MOD		D UNOCCUPIED TIME	E SCHEDULES TO SE	T BACK THE TEMPERATURES WHEN THE BUILDING GOES INTO

SEQUENCE OF OPERATIONS FOR RTU'S

PACKAGED H/C UNIT WITH ECONOMIZER AND V.V.T.

NOTES: 1. SEQUENCE OF OPERATIONS FOR EXISTING RTU'S 5 AND 6 ARE EXISTING TO REMAIN. VERIFY ALL EXISTING RTU'S AND ASSOCIATED SENSORS AND CONTROLS ARE OPERATING PROPERLY PRIOR TO COMMENCING DEMOLITION.

<u>OCCUPIED AND UNOCCUPIED PERIODS</u> THE SUPPLY FAN ON THE H/C UNIT SHALL START AND MIXED AIR DAMPER(S) SHALL OPEN DURING THE OCCUPIED PERIODS AS SET BY THE PROGRAMMABLE VVT PILOT. THE SUPPLY FAN SHALL OPERATE AT CONSTANT VOLUME DURING OCCUPIED PERIODS.

IN THE UNOCCUPIED PERIODS THE SUPPLY FAN SHALL BE STOPPED AND THE ECONOMIZER DAMPERS SHALL CLOSE. IF ANY ZONE TEMPERATURES WERE TO RISE ABOVE OR FALL BELOW THE UNOCCUPIED SPACE SET POINTS THE SUPPLY FAN SHALL START AND HEATING OR COOLING SHALL BE ENABLED ON THE H/C UNIT TO MAINTAIN THE ZONE TEMPERATURE AT THE UNOCCUPIED SPACE TEMPERATURE SETPOINT AS PROGRAMMED BY THE VVT PILOT. THE ECONOMIZER DAMPER SHALL CONTINUE TO BE CLOSED.

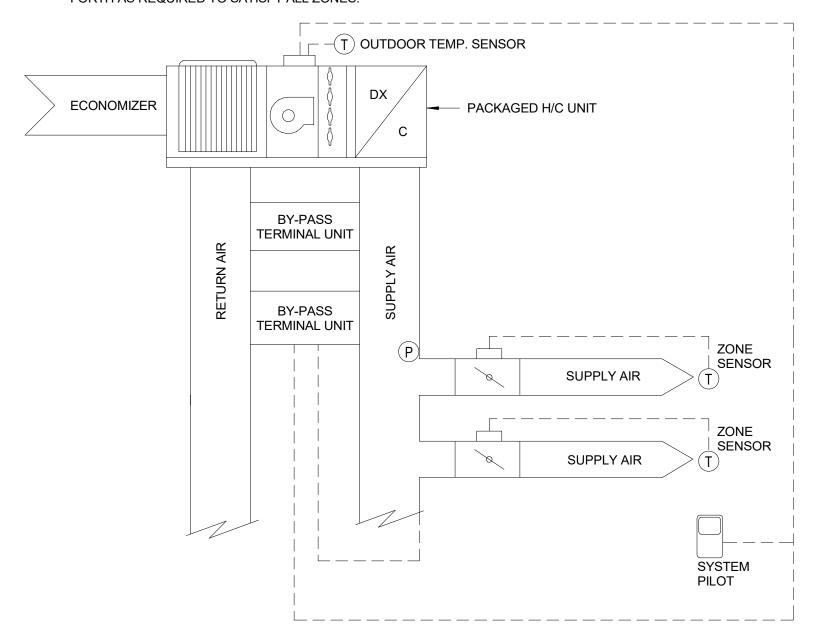
HEATING AND COOLING FUNCTION

IF COOLING IS REQUIRED AND OUTDOOR AIR CONDITION IS SUITABLE THE CONTROLLER SHALL MODULATE THE MIXED AIR DAMPER TO MAINTAIN THE SUPPLY AIR TEMPERATURE SETPOINT. IF OUTDOOR CONDITION IS NOT SUITABLE THE MIXED AIR DAMPERS SHALL BE MODULATED TO A MINIMUM POSITION. IF THE MIXED AIR DAMPERS ARE AT MINIMUM POSITION OR THE OUTDOOR DAMPERS ARE AT 100% OPEN AND ADDITIONAL COOLING IS REQUIRED THE UNIT SHALL START THE CONDENSER FAN(S) AND COMPRESSOR(S) TO MAINTAIN THE REQUIRED SETPOINT OF ANY ZONE ON THE VVT SYSTEM. IF HEATING IS REQUIRED THE H/C UNIT SHALL ENERGIZE THE HEATING SYSTEM AND CYCLING THE HEATING STAGE(S) AS REQUIRED TO MAINTAIN THE TEMPERATURE HEATING INDICATED BY THE VVT SYSTEM. IF THE VVT SYSTEM DOES NOT CALL FOR HEATING OR COOLING, THE SUPPLY FAN SHALL CONTINUE TO OPERATE, BUT NEITHER HEATING NOR COOLING WILL BE ENABLED. WHEN THE UNIT IS NOT OPERATING FOR ANY REASON THE OUTDOOR AIR AND RELIEF AIR DAMPERS SHALL BE CLOSED.

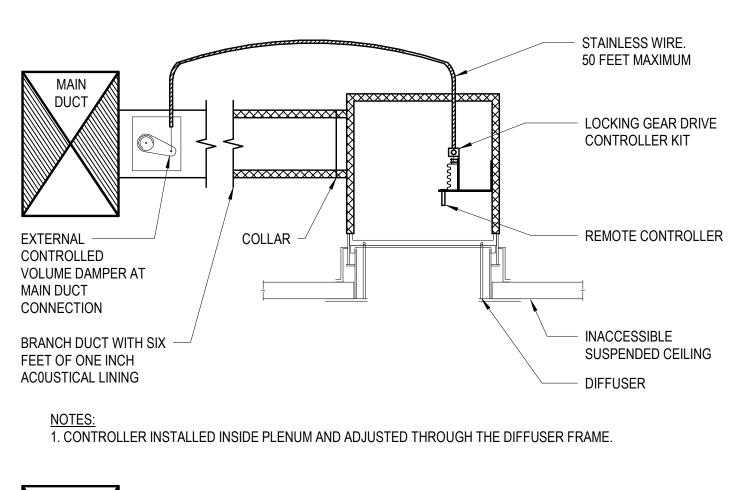
THE UNITS SHALL OPERATE AT 100% OUTDOOR AIR ECONOMIZING MODE WHEN THE SYSTEM IS IN COOLING MODE AND THE OUTDOOR AIR TEMPERATURE IS LESS THAN 75°F. THE MICROMETAL RELIEF SYSTEM SHALL AUTOMATICALLY ENGAGE TO PREVENT OVER PRESSURIZING OF THE BUILDING WHEN OPERATING IN ECONOMIZER MODE. BALANCE RELIEF AIR AND SUPPLY AIR SYSTEMS SUCH THAT WHEN IN ECONOMIZER MODE THE BUILDING MAINTAINS A POSITIVE PRESSURE RELATIVE TO THE OUTDOORS OF 0.04" WG. PROVIDE BUILDING DIFFERENTIAL PRESSURE SENSOR ASSOCIATED WITH EACH RTU. COORDINATE EXACT LOCATION OF PRESSURE SENSORS IN THE FIELD AND WITH THE ARCHITECT.

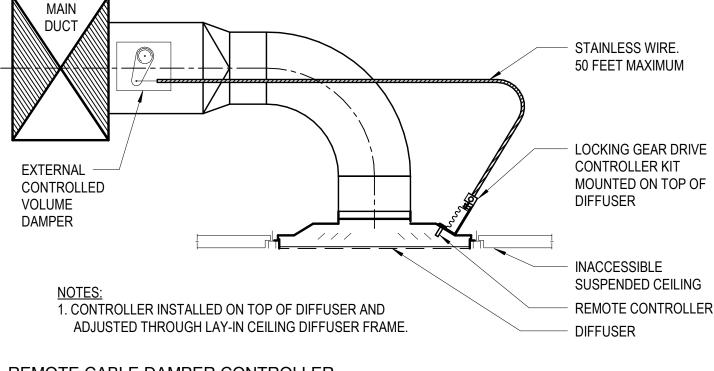
<u>V.V.T. SYSTEM</u> THE H/C UNIT SHALL BE CONSTANT VOLUME AND PROVIDE CENTRALIZED COOLING AND HEATING TO THE VVT BOXES. EACH VVT BOX SHALL MODULATE ITS VOLUME CONTROL DAMPER IN RESPONSE TO THE ZONE SENSOR. AIR NOT USED BY THE ZONES IS BYPASSED INTO THE RETURN AIR, THIS BYPASSED AIR IS CONTROLLED BY THE MODULATING BYPASS DAMPER.

THE VVT SYSTEM SHALL PROVIDE CENTRALIZED COOLING AND CENTRALIZED HEATING WHEN POSSIBLE. WHEN ALL ZONES REQUIRE SOME DEGREE OF COOLING, THE H/C UNIT SHALL REMAIN IN THE COOLING MODE. WHEN ALL ZONES REQUIRE SOME DEGREE OF HEATING, THE H/C UNIT SHALL REMAIN IN THE COOLING MODE. WHEN ALL ZONES REQUIRE SOME DEGREE OF HEATING, THE H/C UNIT SHALL REMAIN IN HEATING MODE. WHEN BOTH HEATING AND COOLING LOADS OCCUR AT THE SAME TIME, THE VVT SYSTEM SHALL DETERMINE THE GREATEST NEED (HEATING OR COOLING) AND FIRST SATISFY THAT MODE CENTRALLY. THEN ONCE SATISFIED, THE SYSTEM SHALL SWITCH OVER THE THE OPPOSITE MODE TO SATISFY ALL OTHER ZONES IN THE ORDER THEY HAVE CALLED FOR CONDITIONING. H/C UNIT SHALL SWITCH BACK AND FORTH AS REQUIRED TO SATISFY ALL ZONES.

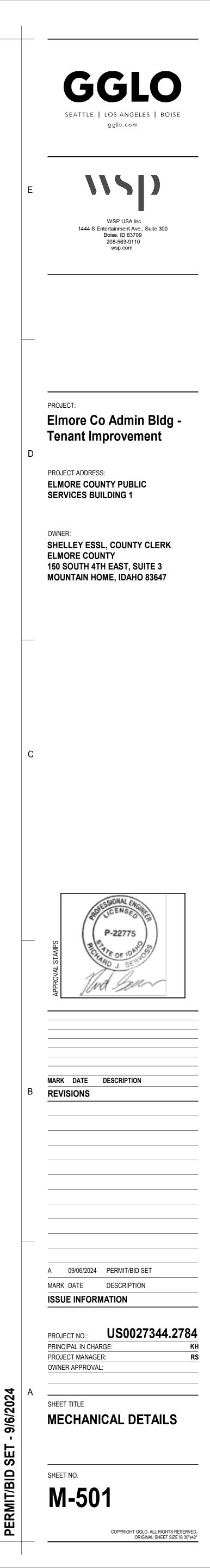


2 AIR HANDLING UNIT AND 3V SYSTEM CONTROLS SCHEMATIC NTS





1 REMOTE CABLE DAMPER CONTROLLER NTS



PLUMBING DEMOLITION NOTES	

- ALL CAPPED SANITARY WASTE, VENTS AND DOMESTIC WATER PIPING THAT ARE NOT BEING USED ARE TO BE REMOVED BACK TO THE MAINS VALVED AND CAPPED.
- PROVIDE ADDITIONAL VALVES, FITTINGS, AND/OR PIPING AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE AND INSIDE OF THE AREA WORK IS BEING PERFORMED.
- ALL WORK SHALL BE PERFORMED IN STRICT COORDINATION WITH OWNER SCHEDULES, OCCUPANCIES AND WORK. CONTRACTOR SHALL COORDINATE WITH OWNER REPRESENTATIVE.
- ALL NECESSARY SHUTDOWNS OR OUT OF PHASE WORK SHALL BE SCHEDULED WITH THE OWNER REPRESENTATIVE.
- INFORMATION PROVIDED ON THESE DRAWINGS HAVE BEEN TAKEN FROM DESIGN DRAWING AND FIELD OBSERVATIONS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PRICING AND COMMENCEMENT OF WORK.
- WHERE EXISTING WALLS ARE DEMOLISHED, REMOVE ALL EXISTING PLUMBING FIXTURES AND THEIR ASSOCIATED PIPING BACK TO THE POINT OF ORIGINATION. ALL EXISTING PIPING THAT WAS SHUT DOWN DURING DEMOLITION SHALL BE TURNED ON AND CHECKED FOR LEAKS.
- PROVIDE FOR ANY AND ALL DEMOLITION WORK NECESSARY TO ACCOMMODATE ALL NEW CONSTRUCTION, INCLUDING ARCHITECTURAL, MECHANICAL, PLUMBING OR ELECTRICAL WORK.
- IF DEMOLITION IS REQUIRED TO INSTALL AN ITEM, THE CONTRACTOR SHALL RESTORE THE AREA TO PREVIOUS CONDITION OR REPLACE DAMAGED ITEMS WITH NEW ITEMS TO MATCH EXISTING.
- A DEVICE, OR PIPING, WITH AN " / " INDICATES EXISTING TO BE REMOVED INCLUDING ALL ASSOCIATED VALVES AND FIXTURES. PIPING TO BE VALVED AND CAPPED AT POINT OF ORIGIN.
- CONTRACTOR SHALL REMOVE ALL FIXTURES AND ASSOCIATED PIPING AND EQUIPMENT TO BE REMOVED AND/OR RELOCATED UNLESS NOTED OTHERWISE. PROVIDE AND INSTALL ALL NECESSARY FIXTURES, EQUIPMENT AND ACCESSORIES REQUIRED TO MAINTAIN SERVICE TO ALL "EXISTING TO REMAIN" FIXTURES AND EQUIPMENT THAT MAY BE INTERRUPTED DURING DEMOLITION.
- WHERE EXISTING MECHANICAL EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED PLUMBING TO THE EQUIPMENT AND THEIR ASSOCIATED PIPING BACK TO THE POINT OF ORIGINATION.
- 12. SPACE LOCATIONS FOR MATERIALS, EQUIPMENT AND FIXTURES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT OR FIXTURES OF A PARTICULAR MANUFACTURER WHETHER INDICATED OR NOT. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT, AND FIXTURES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.
- REMOVE EXISTING PIPING WHERE NOTED AND REQUIRED, TO BEYOND FINISHED SURFACES AND CAP OR AS INDICATED ON PLANS. VERIFY LOCATION OF EXISTING PLUMBING AT SITE.
- ITEMS REMOVED AND NOT REINSTALLED OR RETURNED TO OWNER SHALL BE DISPOSED OF LEGALLY (COORDINATE WITH OWNER FOR THE DISPOSAL).
- ALL EXISTING PLUMBING RISER LOCATED IN THE REMOVED WALLS/CHASES MUST BE RELOCATED TO AN APPROVED LOCATION BY THE ARCHITECT THEN RECONNECTED ON FLOOR BELOW.
- ANY FLOOR DRAINS OR FLOOR SINKS NOT REQUIRED SHALL BE REMOVED COMPLETELY. DRAINS ON THE GROUND FLOOR SHALL BE PERMANENTLY PLUGGED WITH GROUT.

PLUMBING APPLICABLE CODES AND STANDARDS

- IDAHO BUILDING CODE 2018 IDAHO ENERGY CONSERVATION CODE 2020 IDAHO EXISTING BUILDING CODE 2018 IDAHO FIRE CODE 2018
- IDAHO MECHANICAL CODE 2018
- IDAHO FUEL GAS CODE 2018
- IDAHO ELECTRICAL CODE 2017
- 2017 IDAHO STATE PLUMBING CODE BASED ON THE 2015 UNIFORM PLUMBING CODE
- ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION INCLUDING BUT NOT LIMITED TO: THE STATE OF IDAHO THE CITY OF MOUTAIN HOME, IDAHO

1

NOTE: SYMBOLS AND ABBREVIATIONS INDICATED HERE AND NOT USED AS PART OF THE CONTRACT DOCUMENTS DO NOT APPLY TO THIS PROJECT.

4

	PLUMBING GENERAL NOTES
	THE PLUMBING CONTRACTOR FOR THIS DIVISION OF WORK IS REQUIRED TO READ THE SPECIFICATIONS, REPORTS AND REVIEW DRAWINGS FOR ALL DIVISIONS OF WORK AND IS RESPONSIBLE FOR THE COORDINATION OF THIS WORK AND THE WORK ALL SUBCONTRACTORS WITH ALL DIVISIONS OF WORK. IT IS CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SUBCONTRACTOR'S WITH A COMPLETE SET OF BID DRAWINGS.
2.	ALL PLUMBING WORK SHALL COMPLY WITH THE CURRENT ADOPTED STATE AND ANY LOCAL CODES INCLUDING AMENDMENTS AND THE SPECIFICATIONS.
3.	ANY WORK INSTALLED INCORRECTLY, OR BEFORE APPROVAL HAS BEEN OFFICIALLY GRANTED FOR THOSE ITEMS AT ISSUE, SHALL BE CORRECTED BY THE PLUMBING CONTRACTOR AT NO CHARGE TO CLIENT.
ŀ.	ALL MATERIALS AND EQUIPMENT FURNISHED BY THE PLUMBING CONTRACTOR SHALL BE NEW AND COMPLETELY SERVICEABLE.
5.	REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL PLUMBING FIXTURES.
j.	OFFSETS IN VERTICAL DRAINAGE SHALL BE MADE AT 45 DEGREES WHEREVER POSSIBLE.
,	IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL ALL WORK TO MEET OR EXCEED MINIMUM REQUIREMENTS STIPULATED IN CURRENT ISSUE OF APPLICABLE STANDARDS, CODES, AND/OR REGULATIONS.
3.	ALL FLOOR SINKS AND FLOOR DRAINS SHALL HAVE CODE APPROVED TRAP SEAL OR TRAP PRIMER PROTECTION. TRAP PRIMER VALVES SHALL BE EITHER ELECTRONIC UNLESS NOTED OTHERWISE. KITCHEN AND MECHANICAL EQUIPMENT ROOM EXCEPTED UNLESS REQUIRED BY THE AHJ.
Ι.	ABSOLUTE ACCURACY OF DRAWINGS AND SPECIFICATIONS CANNOT BE GUARANTEED. THE DRAWINGS ARE SCHEMATIC IN NATURE AND WHILE EVERY EFFORT HAS BEEN MADE TO COORDINATE THE LOCATIONS OF EQUIPMENT PIPING, DUCT, AND ETC. WITH OTHER TRADES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE EXACT REQUIREMENTS GOVERNED BY ACTUAL JOB CONDITION.
0.	THE SANITARY DRAINAGE SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH CURRENT ADOPTED CODE AND ANY LOCAL AMENDMENTS.
1.	CLEANOUTS SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT ADOPTED CODE AND ANY LOCAL AMENDMENTS.
2.	ALL HOT AND HOT WATER RETURN PIPING SHALL BE INSULATED. REFER TO SPECIFICATIONS FOR OTHER INSULATION REQUIREMENTS
3.	ALL DRAIN PIPING TO BE SLOPED AT 2% UNLESS OTHERWISE APPROVED BY THE AHJ. IF APPROVED, PIPING 4" AND LARGER TO BE SLOPED 1% WHERE INDICATED ON THE DRAWINGS.
4.	ALL SLOPES AND INVERTS ELEVATIONS SHALL BE CHECKED BEFORE ANY PIPING IS INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED.
5.	MAKE PROPER WASTE, VENT, HOT AND COLD WATER CONNECTIONS TO ALL FIXTURES, AND EQUIPMENT, EVEN THOUGH ALL MISCELLANEOUS CONNECTIONS, OFFSETS, AND ELBOWS MAY NOT BE SHOWN.
6.	ALL PLUMBING WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID ANY INTERFERENCE.
7.	PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES. ALL MATERIALS TO BE APPROVED OR LISTED.
8.	MAINTAIN REQUIRED AIR GAP AT INDIRECT WASTE DISCHARGE POINTS.
9.	ALL PIPING IN OCCUPIED SPACES SHALL BE CONCEALED IN CHASES OR WALLS.
0.	CONTRACTOR SHALL PROVIDE ADDITIONAL WATER LINE DROPS IN WALL WHEN HORIZONTAL RUN IN WALL CONFLICTS WITH OTHER PIPES IN WALL.
21.	ALL PLUMBING DEVICES AT HARD LID CEILINGS MUST BE ACCESSIBLE FOR MAINTENANCE AND AS REQUIRED BY CODE. PROVIDE ACCESS PANEL.
22.	CONTRACTOR SHALL PROVIDE OWNER WITH A COMPLETE AND ACCURATE SET OF AS-BUILT DRAWINGS AT COMPLETION OF THE PROJECT.
23.	TEST ALL SEWER, WATER, AND MEDICAL GAS PRIOR TO BACKFILL AND COVER. CALL FOR INSPECTION AND WITNESS TESTING PRIOR TO CONCEALING SEWER, WATER, AND MEDICAL GAS PIPING.
24.	FLUSH AND DISINFECT ALL POTABLE WATER PIPING PRIOR TO OCCUPANCY.
25.	MEDICAL GAS CONTRACTOR SHALL COORDINATE AND SCHEDULE A MEDICAL GAS PRE-CONSTRUCTION MEETING ON SITE PRIOR TO BEGINNING ANY MEDICAL GAS WORK. PRE-CONSTRUCTION MEETING SHALL CONSIST OF OWNER'S REP, GENERAL CONTRACTOR, INSPECTOR, VERIFIER, ENGINEER OF RECORD, AND ARCHITECT.
26.	MODIFY ALL EXISTING PLUMBING ROUGH-INS TO ACCOMMODATE FIXTURE MOUNTING HEIGHTS LISTED ON THE ARCHITECTURAL DRAWINGS.
27.	THE PLUMBING CONTRACTOR, PRIOR TO BIDDING SHALL VISIT THE JOB SITE TO BE FAMILIARIZED WITH THE EXISTING PLUMBING INSTALLATIONS CONDITIONS, AND SYSTEMS RELATED TO THE SCOPE OF WORK.
28.	THE PLUMBING CONTRACTOR TO VERIFY EXACT LOCATION OF EXISTING UTILITIES IN THE FIELD INCLUDING EXISTING SANITARY PIPING, SIZE AND INVERT ELEVATION TO ENSURE THAT NEW HORIZONTAL DRAINAGE PIPING CAN BE RUN AT REQUIRED SLOPE.
9.	FOR RENOVATION WORK IN OCCUPIED AREAS ALL TENANT'S CONTRACTOR'S WORK MUST BE SCHEDULED SO THAT IT IN NO WAY CONFLICTS WITH, INTERFERES WITH, OR IMPEDES THE QUIET AND PEACEFUL ENJOYMENT OF OTHER TENANTS OR THE PROGRESS OF OWNER'S AND ITS MANAGER'S WORK OR OPERATIONS.
80.	ANY NEW EQUIPMENT INSTALLED IN BUILDING SYSTEMS WILL BE MAINTAINED AND REPAIRED AT TENANT EXPENSE.
51.	NOTIFY BUILDING ENGINEER AND X-RAY FLOOR PRIOR TO CORE DRILLING. REVIEW DRAWINGS WITH OWNER AND BUILDING ENGINEER PRIOR TO CONSTRUCTION.
32.	SUBMIT REQUEST AND SCHEDULE FOR DISRUPTIONS TO OWNER WITH MINIMUM OF 48 HOURS ADVANCE NOTICE.

			PLUMBING LEGENDS AND ABBREVIATIONS		
		GENERAL	PLUMBING PIPING ABBRE		IS
SYMBOL	ABBREV.	DESCRIPTION	SYMBOL ABBREV. DESCRIPTION ABBREV. DESCRIPTION	ABBREV.	DESCRIPTION
P 100	Р	SAN, VENT STACK OR DOMESTIC WATER RISER	BELOW GRADE PIPE (SYSTEM AS NOTED) AHJ AUTHORITY HAVING JURISDICTION CD CD CONDENSATE DRAIN AFF ABOVE FINISHED FLOOR	IE	INVERT ELEVATION
	SDL	STORM DRAIN LEADER STACK	GW GW GREASE WASTE	LAV, L	LAVATORY
EQ NO.	EQ	EQUIPMENT DESIGNATION EQUIPMENT NO.	IV INDIRECT WASTE BLDG BUILDING ODL OVERFLOW STORM DRAIN LEADER BOB BOTTOM OF BEAM	MAX	MAXIMUM
	NO.		PD PD PUMP DISCHARGE BOP BOTTOM OF PIPE	MS	MOP SINK
$\left(\begin{array}{c} 1\\ P2.1\end{array}\right)$	NO.	DETAIL DESIGNATION	SED SED SEWAGE EJECTOR DISCHARGE CFH CUBIC FEET PER HOUR SDL STORM DRAIN LEADER CFM CUBIC FEET PER MINUTE	(N) NIC	NEW
$\overline{\langle 1 \rangle}$		NUMBERED NOTE / LEGEND NOTE	SDL SDL STORM DRAIN LEADER CFM CUBIC FEET PER MINUTE SPD SPD SUMP PUMP DISCHARGE CFS CUBIC FEET PER SECOND	NO	NORMALLY OPEN
(1)		EQUIPMENT BY OTHERS	SAN SAN SANITARY (SOIL OR WASTE) CI CAST IRON	OD	
	AD, AP	ACCESS DOOR, ACCESS PANEL	SSD SSD SUB-SOIL DRAIN (FOUNDATION DRAINAGE) CLG CEILING NGV NGV NATURAL GAS VENT CONN CONNECTION	PSI PSIG	POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH (GAUGE)
		REVISION NUMBER	ONT CONTINUATION	(R)	
<u>XX-1</u>		FIXTURE DESIGNATION	SPV SPV SUMP PUMP VENT CP CIRCULATING PUMP V V SANITARY VENT DFU DRAINAGE FIXTURE UNIT	RISE	RISE (WITHIN FLOOR) REDUCED PRESSURE
		PLUMBING SYMBOLS	CW COLD WATER DGCO DOUBLE GRADE CLEANOUT	RPBP	
SYMBOL	ABBREV.	DESCRIPTION	Image: How Hot Water (120°F) DIA DIAMETER Image: Hot Water Return (110°F) DN DOWN (PENETRATES FLOOR SLAB)	SE SF	SEWAGE EJECTOR SQUARE FEET
	AD CR	AREA DRAIN CONDENSATE RECEPTOR WITH P-TRAP	DR DR DRAIN DROP (WITHIN FLOOR)	SH	SHOWER
0	FD	FLOOR DRAIN WITH P-TRAP	NPW NPW NON-POTABLE COLD WATER DWG DRAWING NPHW NPHW NON-POTABLE HOT WATER (E) EXISTING	SK, S SP	SINK SUMP PUMP
	FS GD, DD	FLOOR SINK WITH P-TRAP GARAGE DRAIN, DECK DRAIN	SCWSCW DOMESTIC SOFT COLD WATER EEW EMERGENCY EYE WASH	TD	TRENCH DRAIN
۲	ORD	OVERFLOW ROOF DRAIN	SHW SHW DOMESTIC SOFT HOT WATER EL ELEVATION SHWR SHWR DOMESTIC SOFT HOT WATER RETURN EQP EQUIPMENT	TDH TDL	TOTAL DYNAMIC HEAD TOTAL DEVELOPED LENGTH
0	PD RD	PLANTER DRAIN ROOF DRAIN	TP TP TRAP PRIMER ET EXPANSION TANK	TOP	TOP OF PIPE
•	FCO	FLOOR CLEANOUT	TW TW TEMPERED WATER (85°F) EWC ELECTRIC WATER COOLER MPG MPG MEDIUM PRESSURE NATURAL GAS (PSI) EWH ELECTRIC WATER HEATER	TOS TYP	TOP OF SLAB TYPICAL
⊚ DC-BFP	GCO DC-BFP	GRADE CLEANOUT BACKFLOW PREVENTER ASSEMBLY (DUAL CHECK)	MPG MPG MEDIUM PRESSURE NATURAL GAS (PSI) EWIT ELECTRIC WATER HEATER NG NG NATURAL GAS (7" W.C.) FFE FINISHED FLOOR ELEVATION	UON	UNLESS OTHERWISE NOTED
RPZ		BACKFLOW PREVENTER ASSEMBLY (REDUCED PRESSURE ZONE)	(E) EXISTING PIPING (SYSTEM AS NOTED) FT FEET	UP VTR	UP (PENETRATES FLOOR SLAB) VENT THROUGH ROOF
RPBP	RPBP TP	REDUCED PRESSURE BACKFLOW PREVENTER TRAP PRIMER VALVE	GCO GRADE CLEANOUT	WC	WATER CLOSET
•	POC	POINT OF CONNECTION (AS NOTED)	MEDICAL GAS PIPING & SYMBOLS GPH GALLONS PER HOUR GPM GALLONS PER MINUTE	W.C.	WATER COLUMN WATER FILTER
⊖	POD	POINT OF DEMOLITION	SYMBOL ABBREV. DESCRIPTION GPR GAS PRESSURE REGULATOR	WFU,	
	VTR DGCO	VENT THRU ROOF DOUBLE GRADE CLEANOUT	CO2 CO2 CARBON DIOXIDE MA MEDICAL AIR	WSFU	WATER SUPPLY FIXTURE UNIT
	C.O.	END OF PIPE CLEANOUT / PLUG	FCW FILTERED COLD WATER	(X)	DEMOLISH
	C.O.	P-TRAP UP TO FLOOR/GRADE CLEANOUT	MV MV MEDICAL VACUUM PLUMBING N2O N2O NITROUS OXIDE SHEET NUMBER	SHEET	
— • GCO	GCO	GROUND CLEANOUT	O2 O2 OXYGEN P-001 PLUMBING LEGENDS AND ABI		
+	WCO HB	WALL CLEANOUT HOSE BIBB	Image: Medical gas piping drops in wall full size P-002 PLUMBING SCHEDULES P-101 PLUMBING SANITARY AND VE		
—— <u>E</u>	WH	WALL HYDRANT	Image: marked set of the se	OLITION PLA	GAS DEMOLITION PLAN - LEVEL 1
ī 	CFF	CAP FOR FUTURE PIPE DROP OR DOWN	AREA ALARM SENSOR P-104 PLUMBING DEMOLITION PLAN P-201 PLUMBING SANITARY AND VE		VEL 1
0		PIPE UP OR RISE	AAP AREA ALARM PANEL P-202 PLUMBING HOT, COLD WATER	R & NATURAL	. GAS PLAN - LEVEL 1
~~		PIPE CONTINUATION BOTTOM PIPE CONNECTION	P-501 PLUMBING DETAILS P-502 PLUMBING HOT & COLD WAT	ER RISER DIA	AGRAM
C		RISE OR DROP	P-503 PLUMBING SANITARY & VENT P-504 PLUMBING NATURAL GAS RIS	RISER DIAGF	RAM
U	TOC	TOP PIPE CONNECTION			
<u></u>		CHANGE IN PIPE ELEVATION / OFFSET ARROW INDICATES DIRECTION OF FLOW	1. THE EXISTING STRUCTURE IS FULLY SPRINKLERED. CONTRACTOR SHALL MODIFY AREAS THAT ARE AFFECTED CONTRACT DOCUMENTS IN COORDINATION WITH THE ADDIVITED TUDAL REFLECTED CELLING REAN		
S=1%		PITCH PIPE DOWN IN DIRECTION OF ARROW	ARCHITECTURAL REFLECTED CEILING PLAN. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF SPRINKLER MAINS AND		
Q	AFCV	AUTOMATIC FLOW CONTROL VALVE	BRANCH LINES AS REQUIRED TO COORDINATE THE WORK. NO CHANGE ORDERS WILL BE RECOGNIZED.		
<u> </u>	BV	BACKWATER VALVE BALANCING VALVE	3. THE CONTRACTOR SHALL BE RESPONSIBLE TO RELOCATE AND/OR ADD NEW SPRINKLER		
<u>م</u>		BALL VALVE	HEADS TO PROVIDE CODE COMPLYING COVERAGE FOR THE NEW LAYOUT. THE CONTRACTOR SHALL MODIFY THE EXISTING PIPING, PIPING DROPS, AND SWING ARMS TO		
lí	BFV CV	BUTTERFLY VALVE (MANUAL) CHECK VALVE	PROVIDE PROPER COVERAGE. THE SPRINKLER CONTRACTOR SHALL PROVIDE INSTALLATION DRAWINGS, CALCULATIONS AND PIPE SIZING BASED ON THE LAYOUT FOR APPROVAL TO THE FIRE PROTECTION DIVISION OF THE STATE OF IDAHO AND ELMORE		
	DV	DIAPHRAGM VALVE	COUNTY. DRAWINGS ARE TO BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL.		
	FC GV	FLEXIBLE CONNECTION GLOBE VALVE	4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS AS REQUIRED IN		
		METER	MOUNTAIN HOME, IDAHO.		
Ŷ	PGC PRV	PRESSURE GAUGE AND COCK PRESSURE REDUCING VALVE	5. CONTRACTOR SHALL PROVIDE A COMPLETE FULLY AUTOMATIC SPRINKLER SYSTEM, HYDRAULICALLY CALCULATED, IN ACCORDANCE WITH NFPA 13 LATEST APPLICABLE EDITION AND ALL GOVERNING LOCAL CODES AND REGULATIONS.		
		PRESSURE REDUCING VALVE PUMP	6. ALL AREAS SHALL BE TOTALLY SPRINKLERED IN ACCORDANCE WITH BASE BUILDING DESIGN STANDARDS. SPRINKLERS SHALL MATCH EXISTING, AS PER BASE BUILDING		
₹	PV	PLUG VALVE	STANDARD. ALL SPRINKLERS IN THE AREA OF CONSTRUCTION/MODIFICATION SHALL BE QUICK REPONSE TYPE OF A TEMPERATURE RATING PER BASE BUILDING DESIGN		
 	RV	REDUCER RELIEF VALVE	STANDARDS. ALL SPRINKLERS SHALL MATCH THE BASE BUILDING TYPE AND TEMPERATURE RATING.		
O	RT	RUNNING TRAP (HOUSE TRAP)	7. THE CONTRACTOR SHALL LOCATE SPRINKLERS IN CENTER OF CEILING TILES UNLESS		
^	SJ	SEISMIC JOINT SEISMIC VALVE	8. ALL SPRINKLER MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH NFPA		
X	SOV	SHUT-OFF VALVE (SEE SPECIFICATION FOR TYPE)	13, LOCAL GOVERNING BUILDING, AND FIRE CODES.		
		SLEEVE SOLENOID VALVE	9. THE CONTRACTOR SHALL COORDINATE SPRINKLER PIPING WITH STRUCTURAL ELEMENTS, CEILING ELEVATIONS, DUCTWORK, LIGHTS, PIPING AND ALL SYSTEMS ABOVE		
	TAE		CEILING AND WITHIN THE ATTIC. SPRINKLER CONTRACTOR SHALL COORDINATE LOCATIONS OF SPRINKLER HEADS WITH LIGHT FIXTURES, DIFFUSERS, AND CEILING ELEVATIONS TO ENSURE PROPER COVERAGE		
X	T&P THER	TEMPERATURE AND PRESSURE RELIEF VALVE THERMOMETER	ELEVATIONS TO ENSURE PROPER COVERAGE. 10. SPRINKLER COVERAGE SHALL BE PROVIDED ABOVE AND BELOW PARTIAL CEILING AREAS		
	TMV	THERMOSTATIC MIXING VALVE	AND WITHIN THE ATTIC AREA IN ACCORDANCE WITH NFPA 13 WHERE APPLICABLE.		
II 	UN VIV	UNION VALVE IN VERTICAL	11. ALL PROPOSED ALTERED AND/OR ADDED SPRINKLER LOCATIONS SHALL BE PROVIDED AND INSTALLED WITH NEW SPRINKLERS.		
	NC	VALVE NORMALLY CLOSED	12. ALL SPRINKLER PIPING SHALL BE INSTALLED SO THAT ALL PORTIONS OF THE SYSTEMS		
₽	WHA	WATER HAMMER ARRESTER	CAN BE DRAINED BACK THROUGH THE DRAIN VALVE WHERE REQUIRED. PROVIDE DRAIN VALVES FOR ALL TRAPPED PORTIONS OF THE SYSTEM AND PIPE TO THE NEAREST MECHANICAL SPACE FLOOR DRAIN.		
		Y-STRAINER WITH BLOW OFF VALVE	13. SPRINKLER PIPING SHALL BE BLACK STEEL MANUFACTURED TO SATISFY ASTM A53. FOR		
			ASTEM STANDARD A53, USE SCHEDULE 40 PIPING FOR SIZES UP TO 8" AND SCHEDULE 30 FOR SIZES 8" AND GREATER. FITTINGS SHALL BE CLASS 250 THREADED CAST IRON OR GROOVED-END TYPE IRON FITTINGS, STYLE 77, AS MANUFACTURED BY VICTAULIC CORPORATION OR ACCEPTED EQUAL.		

16

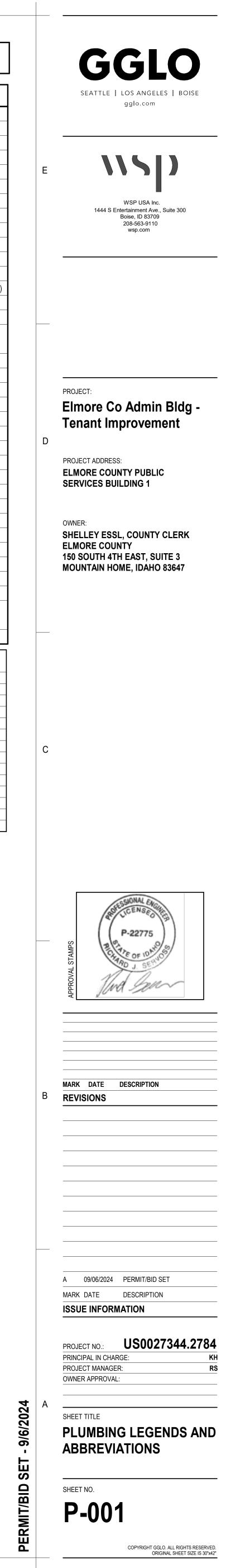
4

PLUMBING LEGENDS AND ABBREVIATIONS

14. SEAL ALL OPENINGS AROUND ALL PENETRATIONS, THROUGH FIRE RATED PARTITIONS, WALLS AND CEILINGS WITH UL CLASSIFIED FIRE STOP APPROVED FOR CONSTRUCTION AND PENETRATING ITEMS. REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON FLOORS, CEILINGS, AND PARTITIONS TYPE AND RATINGS.

15. ALL FIRE PROTECTION EQUIPMENT (I.E. PIPING, VALVES, FITTINGS, ACCESSORIES, ETC. SHALL BE RATED FOR MAXIMUM WORKING PRESSURE OF 175 PSI.

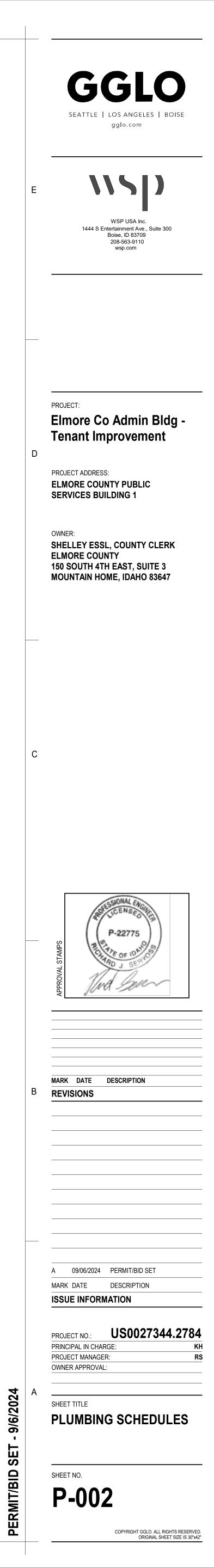
ALL EXPOSED SPRINKLER PIPING SHALL BE PAINT READY. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT THE PAINT MATERIAL AND COLOR SELECTION(S) TO BE PROVIDED.

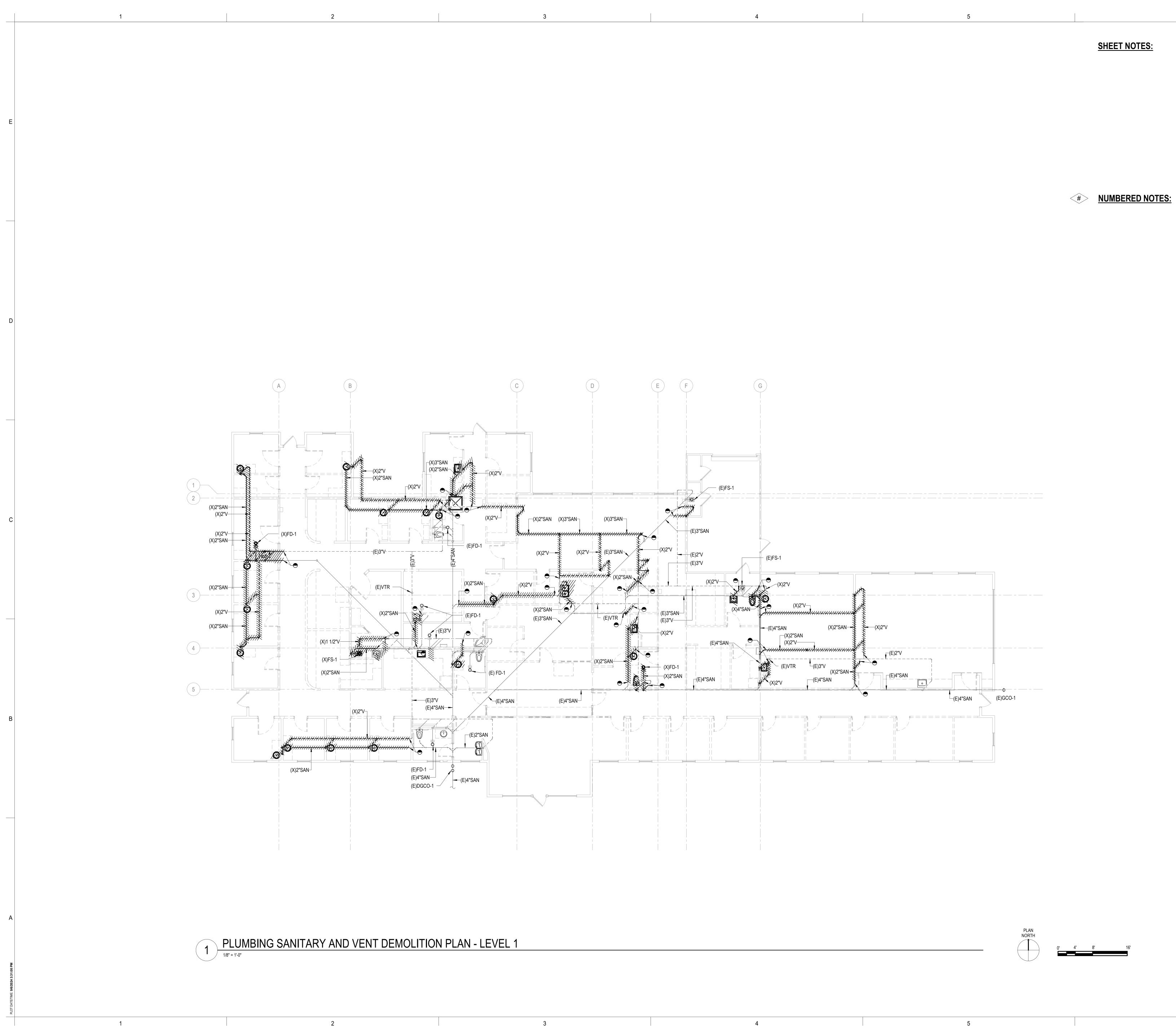


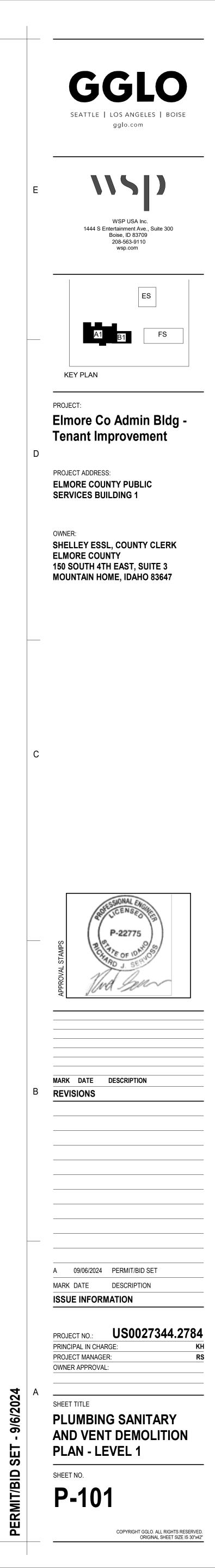
1 2			3			4				5				6	
								PLUMBING CONNECTION ROUGH-IN AND FIXTURE SCHEDULE							
							ІТЕМ	DESCRIPTION	LOCATION	N WASTE	CONNECTION S	SIZES (INCHES) AUM SIZE CW	HW	REMARKS	
							WC-1 (COMFOR	WATER CLOSET FLOOR MOUNTED) T HEIGHT / ADA COMPLIANT	WOMEN'S RESTRO	OM-153 OOM-130 OM-129 OOM-104	2" IN	T. 1"	- KOHLE - BOV S	ER HIGHCREST MODEL 5-4302 / FLOOR MC VL. KOHLER LUSTRA MODEL K-4666-C / EL EAT WITH HINGE. SLOAN REGAL XL MODE	UNTED, WITH ELONGATED ONGATED OPEN FRONT L 111 FLUSHOMETER.
							LAV-1	LAVATORY (WALL MOUNTED) (ADA COMPLIANT)	MEN'S RESTROC WOMEN'S RESTROC MEN'S RESTROC WOMEN'S RESTROC MEN'S RESTROC WOMEN'S RESTROC	OOM-155 OM-153 OOM-130 OM-129	1 1/2" 1 1	/4" 1/2"	KOHLER KINGST AND GRID STRA WITH 0.5 GPM AEI ARMS AND WATT BROZE BODY, IN	ON MODEL K-2005: VITREOUS CHINA, WAI INER. KOHNER CORALAIS MODEK K-15198 RATOR. PROVIDE WITH JAY R. SMITH FIGL S SERIES USG-B THERMOSTATIC MIXING TEGRAL CHECK VALVES, AND SELECTABI TO 120°F.	L MOUNTED, HOLES ON 4" CENTERS, : 4 ½" LONG, SINGLE LEVER FAUCET RE 0700 SUPPORT WITH CONCEALED /ALVE, ASSE STANDARD 1016 LISTED, .E TEMPERATURE RANGE FROM 80°F
							DF-1	WATER COOLER WALL MOUNTED BI-LEVEL	MEN'S RESTROC	I-101 1 1/2"	1 1/2" 1 1	/2" 1/2"	ELKAY LZSTL8S - WITH WALL PLA SINGLE ezH2	C WALL MOUNT BI-LEVEL ADA COOLER FI TE AND IN-WALL CARRIER WITH 8.0 GPH 20 KIT FOR BOTTLE FILING STATION COMP	LTERED REFRIGERATED STAINLESS CHILLING CAPACITY. PROVIDE WITH ATIBLE WITH THE LISTED MODEL
							S-1	PANTRY SINK	CLASSROOM-	-149	2"	" 1/2"	ELKAY I ELKAY MODEL	LUSTERTONE MODEL LRAD-1517: 6 1/2" DE LK-3001 SINGLE LEVER FAUCE, SWING S IODEL LK-35 CHROME PLATED TAILPIECE	EP STAINLESS STEEL SINK. 20UT. AND HOSE SPRAY, PROVIDE
								DISHWASHER	BREAK-131 BREAK-131	1			CLASSROOM AND HP DISPOSER	BREAK PROVIDE WITH IN-SINK-ERATOR, WITH WALL MOUNTED WITCH. COORDINA	"BADGER 5", CONTUINUOUS FEED 3/4 TE SWITCHING WITH ELECTRICAL.
								URNISHED REFRIGERATOR		1 -	-	1/2"	-		
							FD-1	FLOOR DRAIN	104 WOMEN'S RES 129 MEN'S REST 130 WOMEN'S RES	FROOM			ZURN Z415B WITH	H 2" THREADED OR NO-HUB CONNECTION PRIMER CONNECTION	, WITH POLISHED BRONZE TOP, TRAP
								FLOOR DRAIN	130 WOMEN'S RES	MENT	- 2	"		PRIMER CONNECTION	
D							CF-1	COFFEE MACHINE	155 WOMEN'S RES	STROOM	-	1/2"	- F	REFER TO ARCHITECTURAL SET FOR COF	EE MACHINE SPECS.
								TURES PER MANUFACTURE							
		0551/105		NATURAL GAS DATA		PLUMBING GA	S WATER HEATER SCH		ER DATA		PIPING				NOTES
	TAG DESCRIPTION WH-1 GAS WATER HEATER	DOMESTIC HOT WATER	LOCATION 138A JANITOR CLOSET	BTU INPUT THERMAL EFFICIENCY 130000 97%	VOLTS 120	рн НZ 1 60	MCA TANK VC (GALLO 7.5 100	ONS) (GPH)	EWT (°F) 100	LWT (°F) 140	INLET (INCHES) 2"	OUTLET (INCHES) 2"	DIAMETER X HT (INCH X INCH) 26-3/8" X 69.80"	BASIS OF DESIGN MODEL RHEEM GHE100SU-130A	NOTES
	GENERAL NOTES:														
	01. PROVIDE WITH P&T VALVE. 02. PROVIDE WITH AMTROL ST-5-C E 03. PROVIDE WITH NEW GAS SHUT C			POINT OF CONNECTION.											
		PIPING, FITTING AND ACCESSORIES TO	O INSTALL PER THE MANUFACTURER	'S WRITTEN INSTALLATION REQUIREMENTS.											
С															
В															
A															
H 3:31:07 PM															
TETTME 9/6/202															

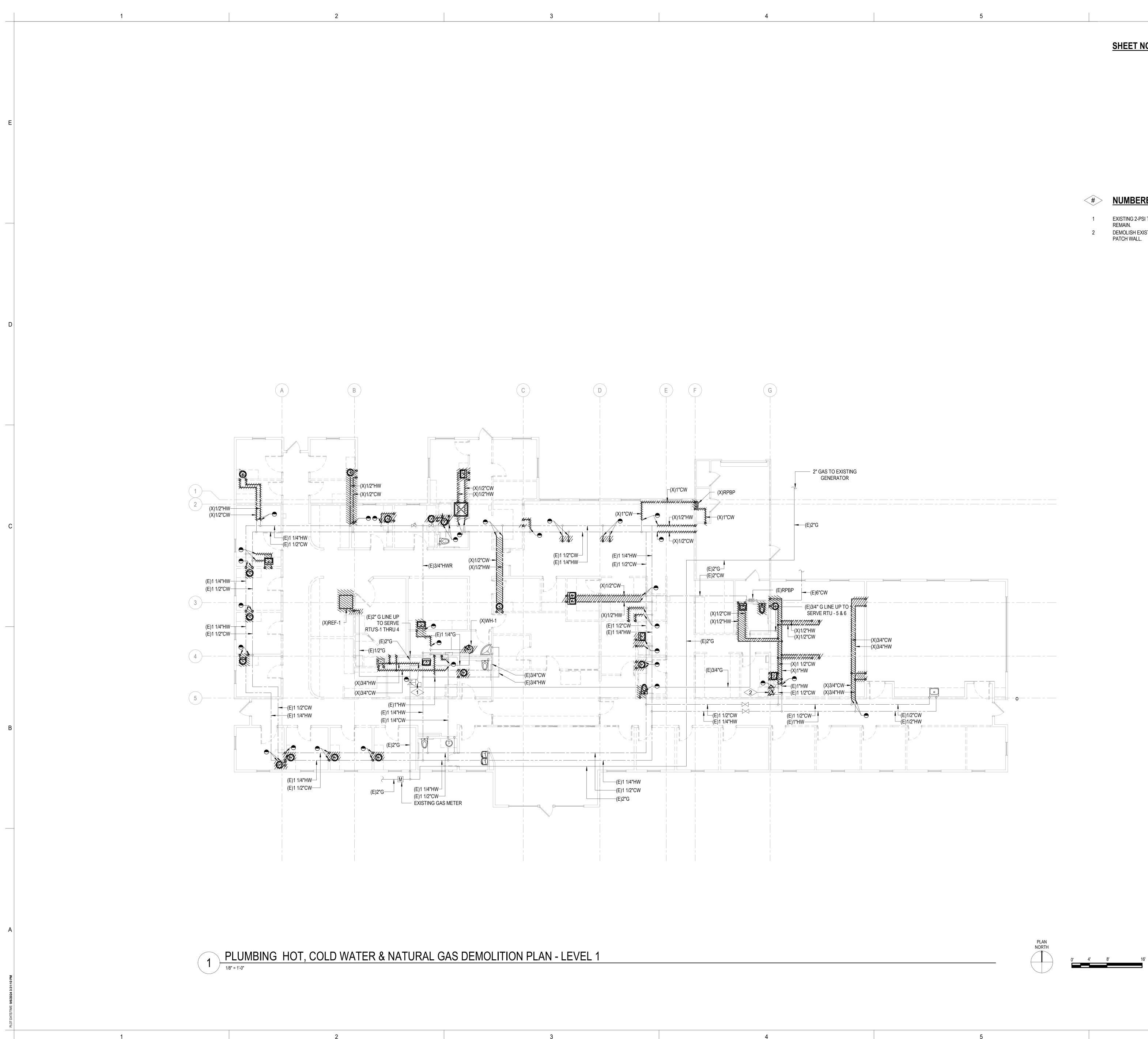
				CONNE	CTION SIZES (I	NCHES)					
ITEM	DESCRIPTION	LOCATION	WASTE	VENT	MINIMUM TRAP SIZE	CW	нw				
		WOMEN'S RESTROOM-155									
		MEN'S RESTROOM-153									
WC-1	WATER CLOSET (FLOOR MOUNTED)	WOMEN'S RESTROOM-130	3"	2"	INT.	1"	-	KOHLER HIGHCREST MODEL 5-4302 / FLOOR MOUNTED, WITH ELONGATED BOWL. KOHLER LUSTRA MODEL K-4666-C / ELONGATED OPEN FRONT			
WO-1	(COMFORT HEIGHT / ADA COMPLIANT)	MEN'S RESTROOM-129	5	2		·		SEAT WITH HINGE. SLOAN REGAL XL MODEL 111 FLUSHOMETER.			
		WOMEN'S RESTROOM-104									
		MEN'S RESTROOM-103									
		WOMEN'S RESTROOM-155									
		MEN'S RESTROOM-153						KOHLER KINGSTON MODEL K-2005: VITREOUS CHINA, WALL MOUNTED, HOLES ON 4" CENTERS,			
LAV-1	LAVATORY (WALL MOUNTED)	WOMEN'S RESTROOM-130	1 1/2"	1 1/2"	1 1/4"	1/2"	1/2"	AND GRID STRAINER. KOHNER CORALAIS MODEK K-15198: 4 ½" LONG, SINGLE LEVER FAUCET WITH 0.5 GPM AERATOR. PROVIDE WITH JAY R. SMITH FIGURE 0700 SUPPORT WITH CONCEALED			
	(ADA COMPLIANT)	MEN'S RESTROOM-129	-					ARMS AND WATTS SERIES USG-B THERMOSTATIC MIXING VALVE, ASSE STANDARD 1016 BROZE BODY, INTEGRAL CHECK VALVES, AND SELECTABLE TEMPERATURE RANGE FRC TO 120°F.			
		WOMEN'S RESTROOM-104									
		MEN'S RESTROOM-103									
DF-1	WATER COOLER WALL MOUNTED	CIRCULATION-101	1 1/2"	1 1/2"	1 1/2"	1/2"	-	ELKAY LZSTL8SC WALL MOUNT BI-LEVEL ADA COOLER FILTERED REFRIGERATED STAINLESS WITH WALL PLATE AND IN-WALL CARRIER WITH 8.0 GPH CHILLING CAPACITY. PROVIDE WITH			
	BI-LEVEL	CIRCULATION-150						SINGLE ezH20 KIT FOR BOTTLE FILING STATION COMPATIBLE WITH THE LISTED MODEL			
		CLASSROOM-149						ELKAY LUSTERTONE MODEL LRAD-1517: 6 1/2" DEEP STAINLESS STEEL SINK. ELKAY MODEL LK-3001 SINGLE LEVER FAUCE, SWING SPOUT, AND HOSE SPRAY. PROV			
S-1	PANTRY SINK	WORK ROOM-144	2"	2"	2"	1/2"	1/2"	WITH ELKAY MODEL LK-35 CHROME PLATED TAILPIECE AND STAINLESS STEEL BASKET. IN CLASSROOM AND BREAK PROVIDE WITH IN-SINK-ERATOR, "BADGER 5", CONTUINUOUS FEED 3/4 HP DISPOSER WITH WALL MOUNTED WITCH. COORDINATE SWITCHING WITH ELECTRICAL.			
		BREAK-131									
DW-1	DISHWASHER	BREAK-131						REFER TO ARCHITECTURAL SET FOR DISHWASHER SPECS			
REF-1	OWNER FURNISHED REFRIGERATOR	BREAK-131	-	-	-	1/2"	-				
		103 MEN'S RESTROOM									
		104 WOMEN'S RESTROOM			2"	-					
	FD-1 FLOOR DRAIN	129 MEN'S RESTROOM	2"	-							
FD-1		130 WOMEN'S RESTROOM						ZURN Z415B WITH 2" THREADED OR NO-HUB CONNECTION, WITH POLISHED BRONZE TOP, TRAP PRIMER CONNECTION			
		138B IT EQUIPMENT									
		153 MEN'S RESTROOM									
		155 WOMEN'S RESTROOM									
CF-1	COFFEE MACHINE	WORK ROOM-144	-	-	-	1/2"	-	REFER TO ARCHITECTURAL SET FOR COFFEE MACHINE SPECS.			
	INSTALL FIXTURES PER MANUFACTURER			OR FIXTURE	۰ ۶.		1				

ELECTRICAL DATA											
			WATER	DATA		PIP	NG	TANK SIZE DIAMETER X HT	BASIS OF DESIGN	MODEL	NOTES
PH HZ	МСА	TANK VOLUME (GALLONS)	RECOVERY (GPH)	EWT (°F)	LWT (°F)	INLET (INCHES)	OUTLET (INCHES)	(INCH X INCH)	DAGIS OF DESIGN	WODEL	
1 60	7.5	100	164	100	140	2"	2"	26-3/8" X 69.80"	RHEEM	GHE100SU-130A	



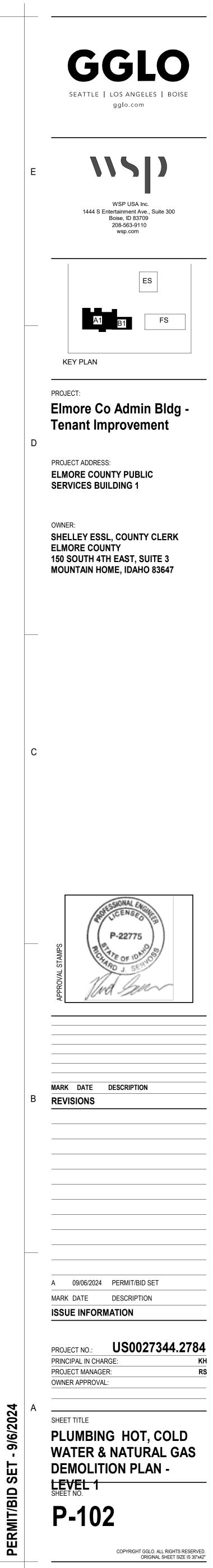




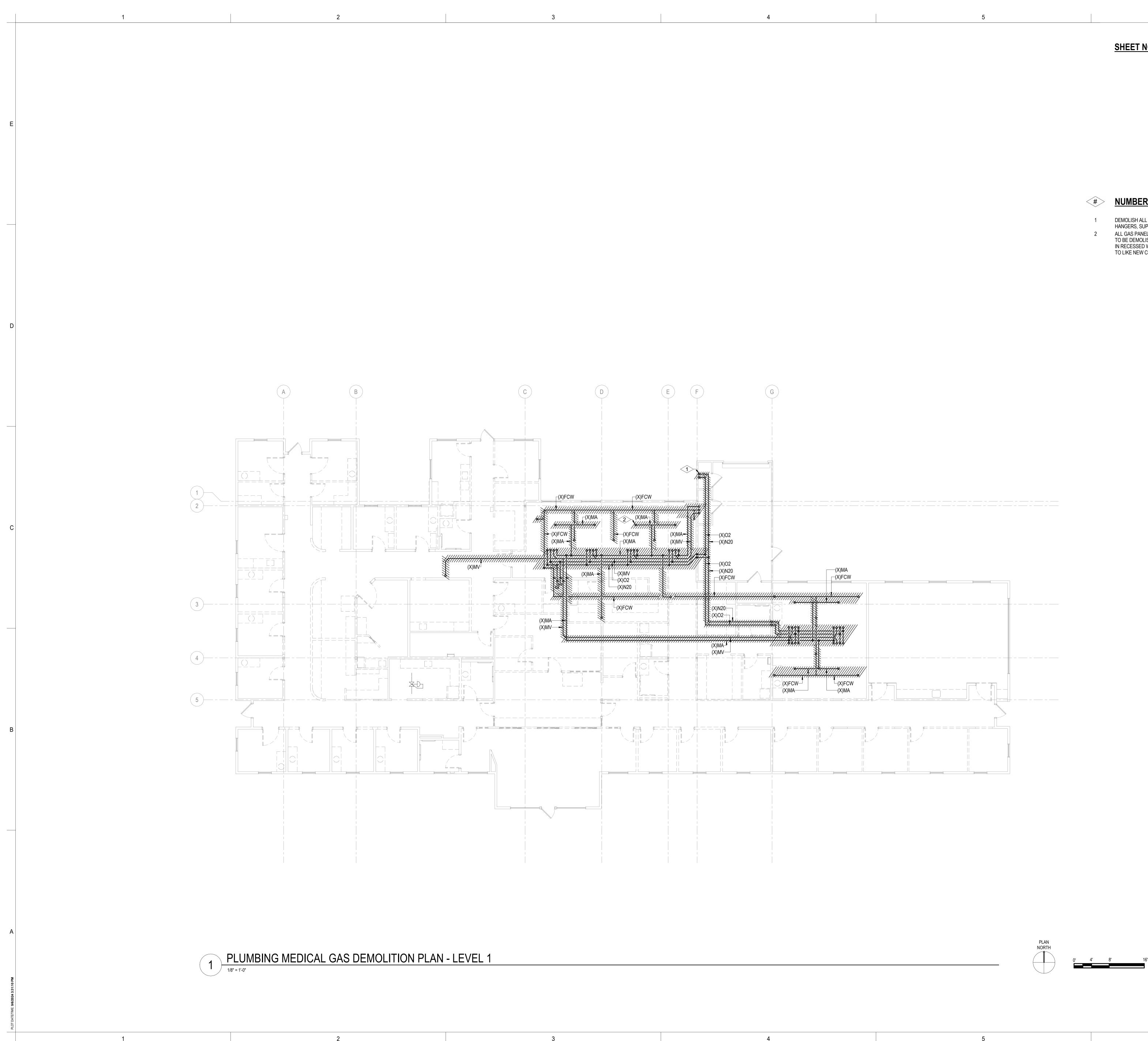


NUMBERED NOTES:

EXISTING 2-PSI TO 7" WC, 1,000 MBH GAS REGULATOR TO REMAIN. DEMOLISH EXISTING WASHER BOX IN ITS ENTIRETY AND

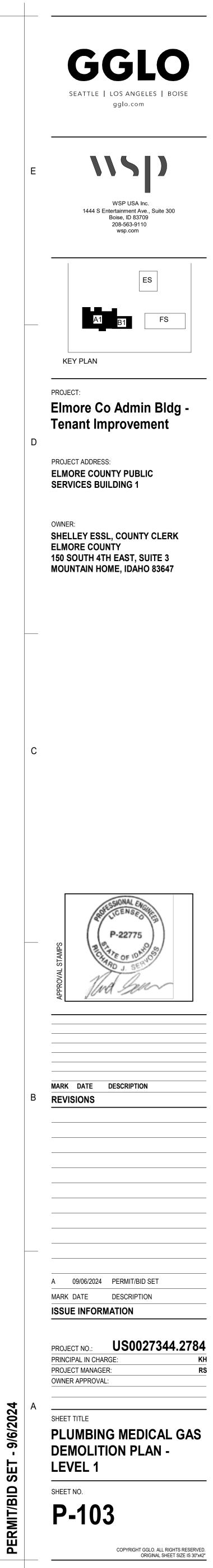


SET AIT/BID

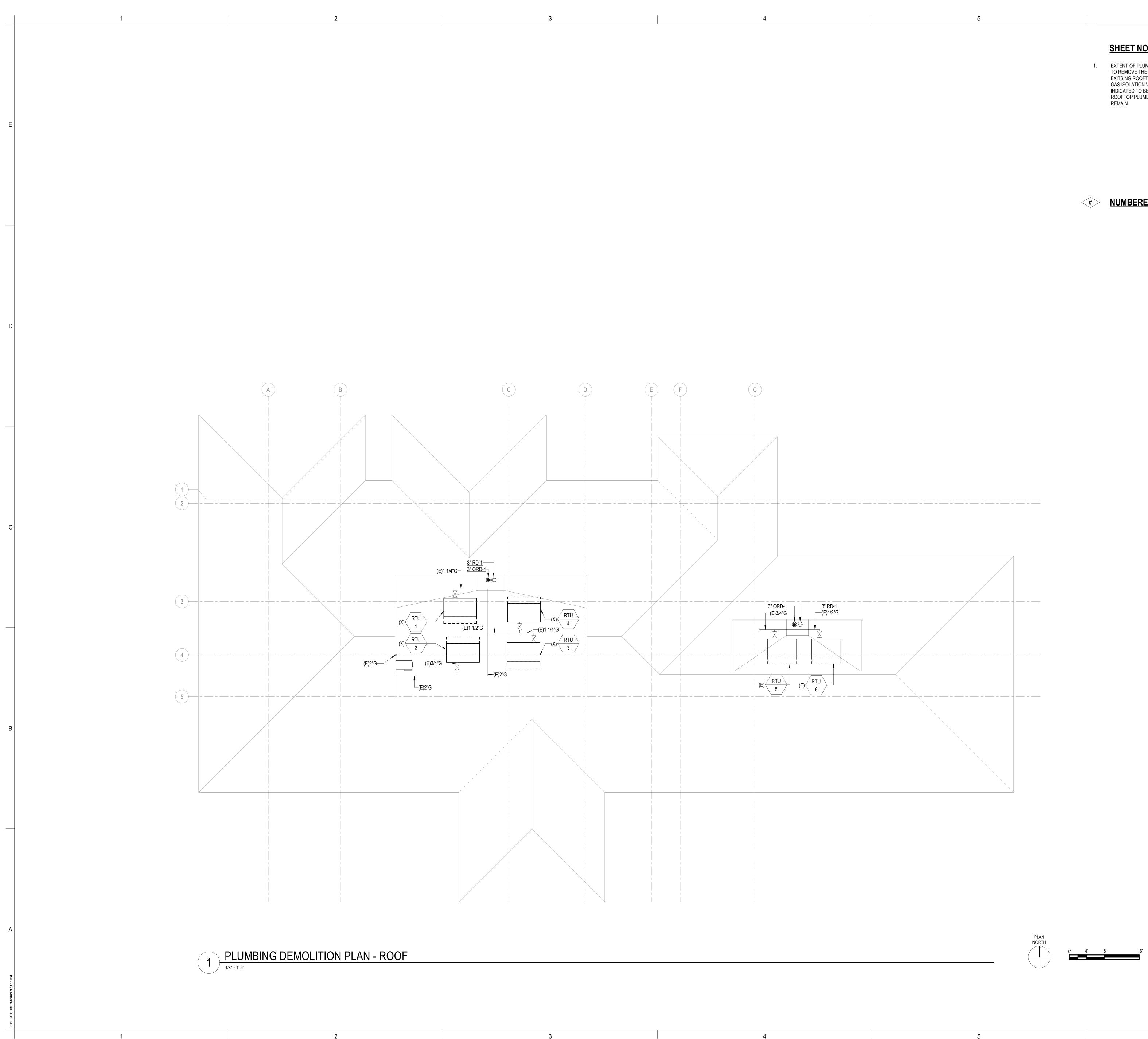


NUMBERED NOTES:

DEMOLISH ALL ASSOCIATED GAS HOSES, VALVES, TANKS, HANGERS, SUPPORT, AND CONTROLS. ALL GAS PANELS WITHIN THE EXISTING BUILDINGS ARE TO BE DEMOLISHED IN PLACE. WHERE GAS PANELS ARE IN RECESSED WALLS, UPON DEMOLISHED, PATCH WALL TO LIKE NEW CONDITION.

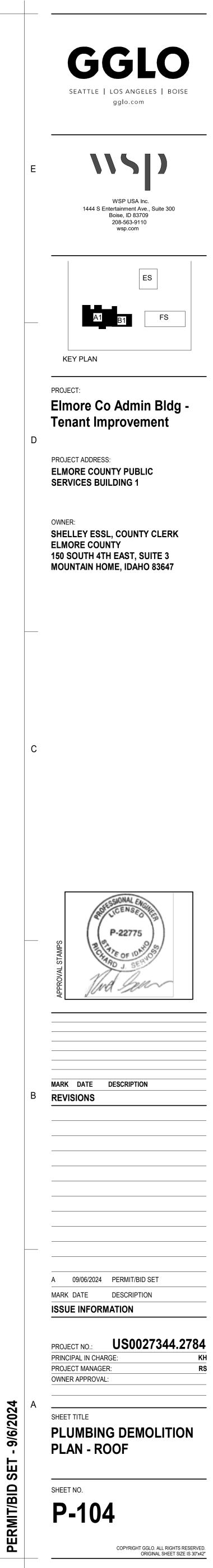


ဟ AIT/BID



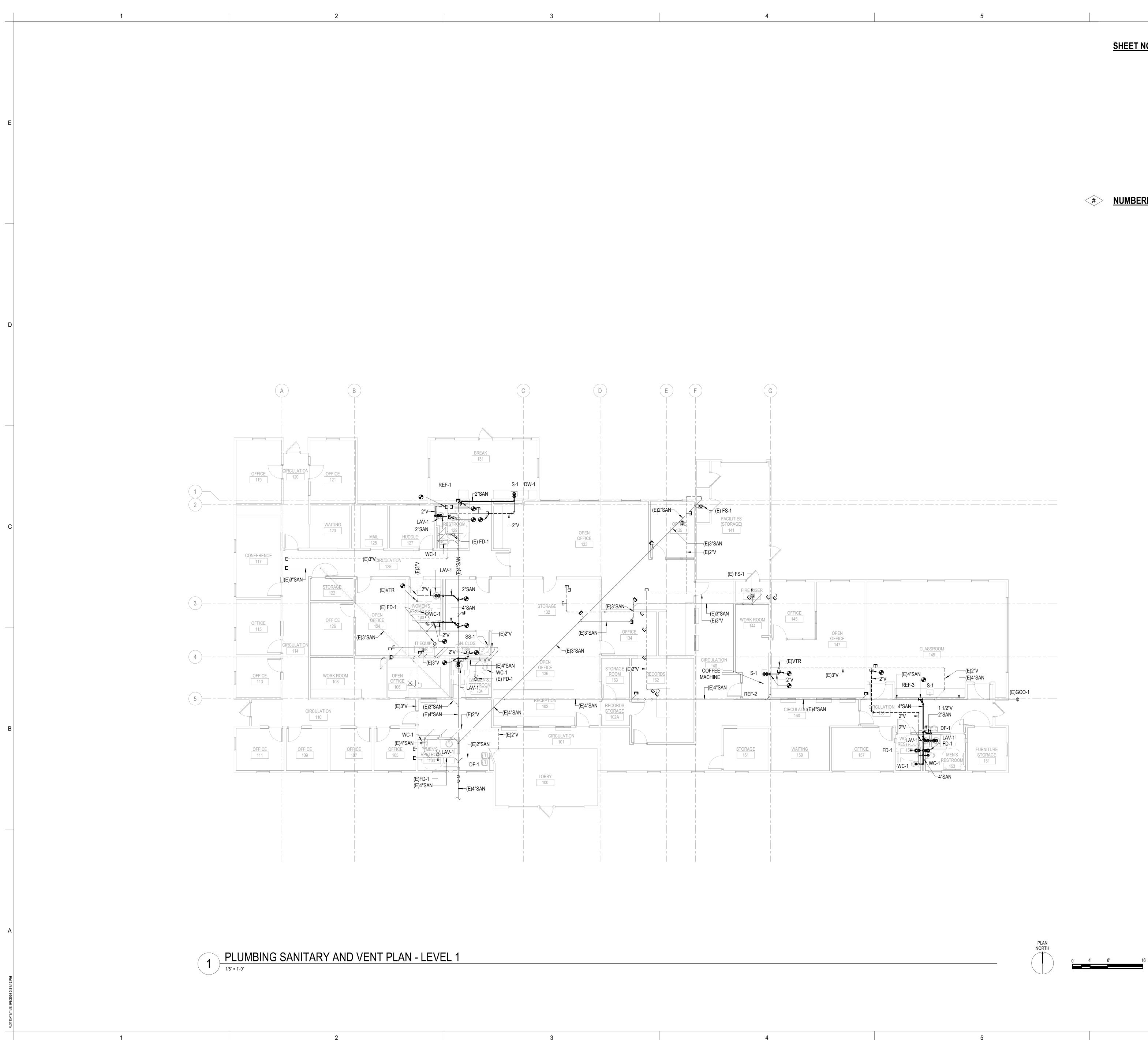
1. EXTENT OF PLUMBING ROOF DEMOLITION WORK IS TO REMOVE THE NATURAL GAS PIPING SERVING THE EXITSING ROOFTOP UNITS BACK TO THE NATURAL GAS ISOLATION VALVES FOR THE ROOFTOP UNITS INDICATED TO BE DEMOLISHED. ALL OTHER ROOFTOP PLUMBING SYSTEMS ARE EXISTING TO

NUMBERED NOTES:



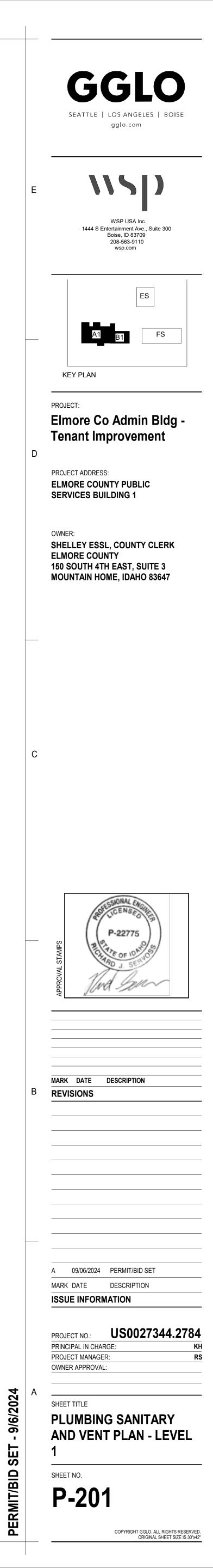
SET AIT/BID

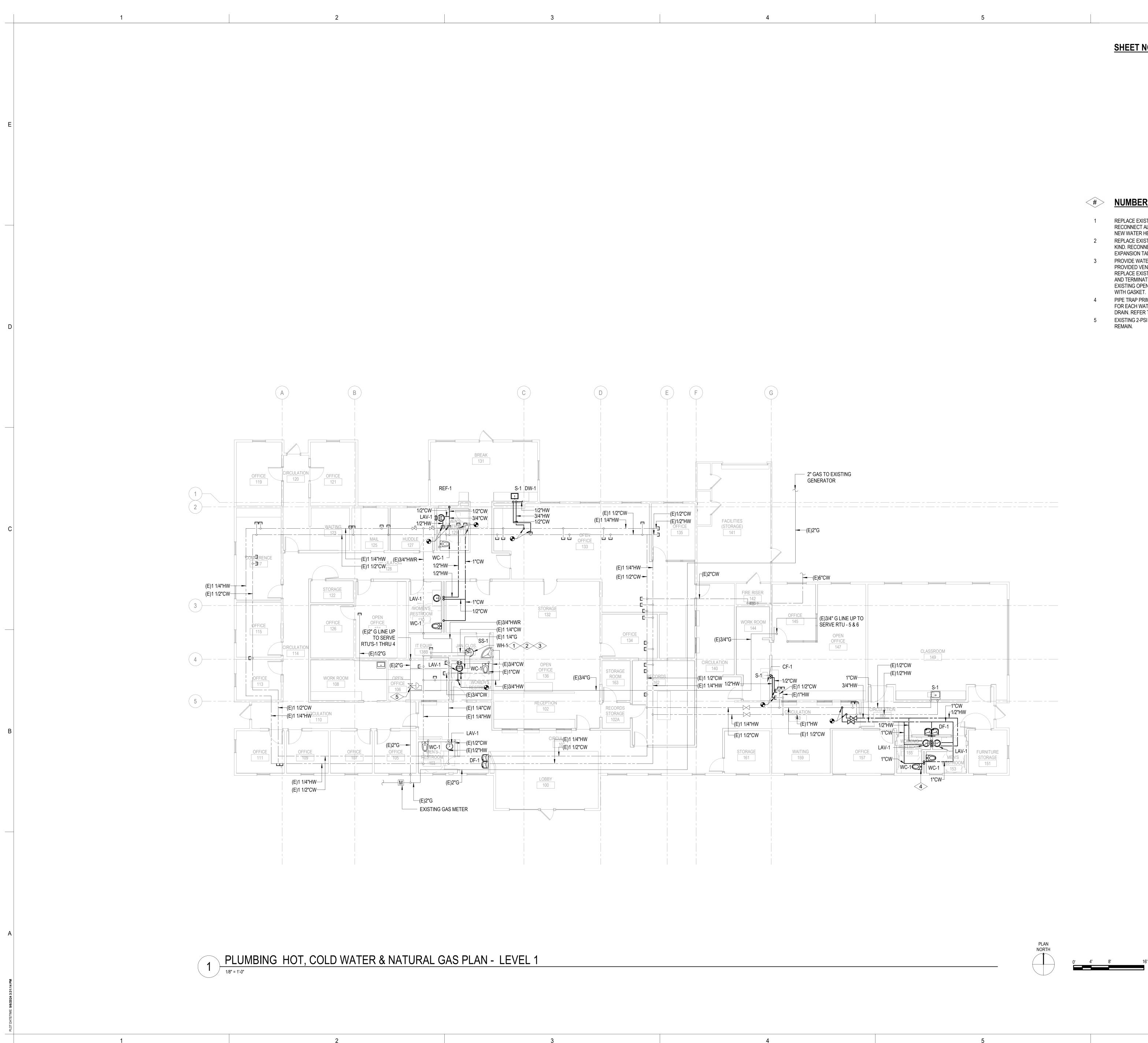
БR



6

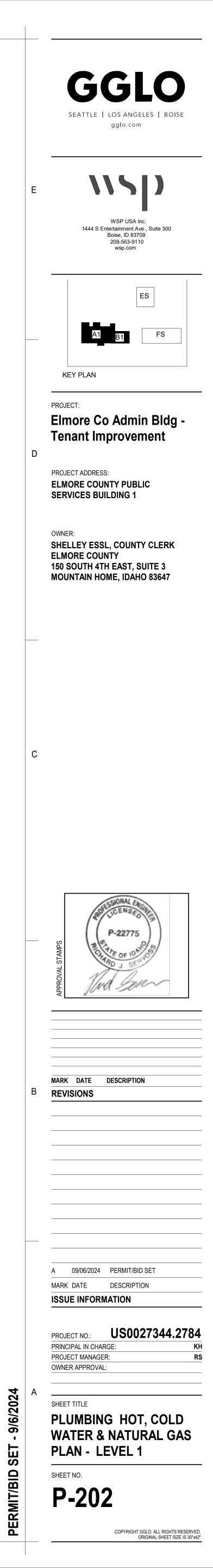
<u>NUMBERED NOTES:</u>

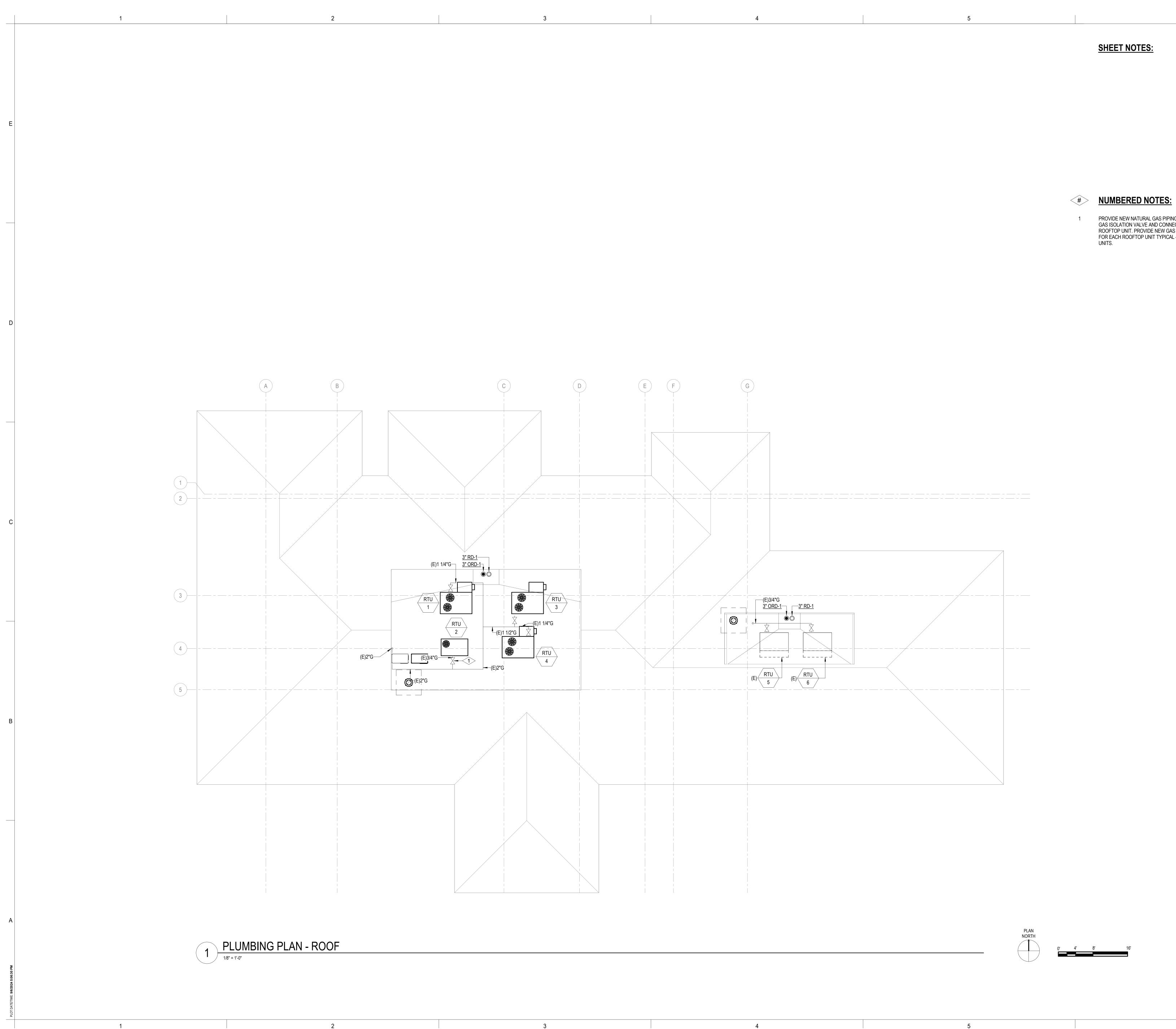




NUMBERED NOTES:

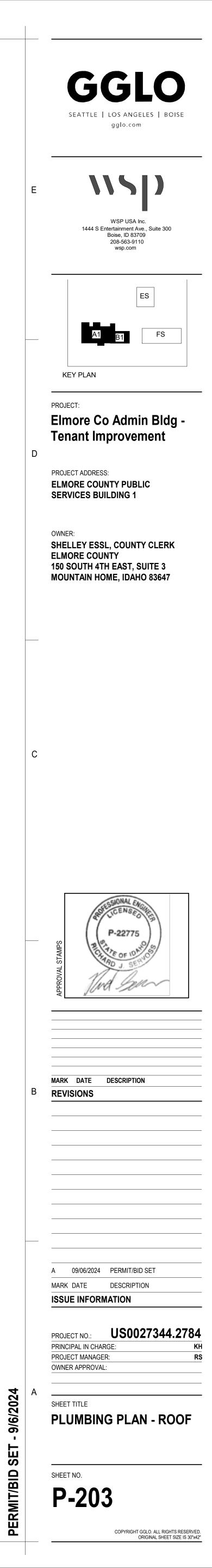
- REPLACE EXISTING GAS FIRED WATER HEATER IN KIND. RECONNECT ALL GAS, COLD AND HOT WATER PIPING TO NEW WATER HEATER. REPLACE EXISTING HOT WATER EXPANSION TANK IN KIND. RECONNECT ALL WATER PIPING TO NEW EXPANSION TANK. PROVIDE WATER HEATER WITH NEW MANUFACTURER PROVIDED VENT KIT. REUSES EXISTING PATHWAY AND REPLACE EXISTING VENT PIPING WITH NEW VENT PIPING
- AND TERMINATE OUTSIDE AT THE ROOF REUSING THE EXISTING OPENING WITH A NEW UNIVERSAL B-VENT CAP WITH GASKET. PIPE TRAP PRIMER PIPING TO FLOOR DRAIN. TYPICAL FOR EACH WATER CLOSET WITH ADJACENT FLOOR DRAIN. REFER TO CORRESPONDING DETAIL.
- EXISTING 2-PSI TO 7" WC, 1,000 MBH GAS REGULATOR TO

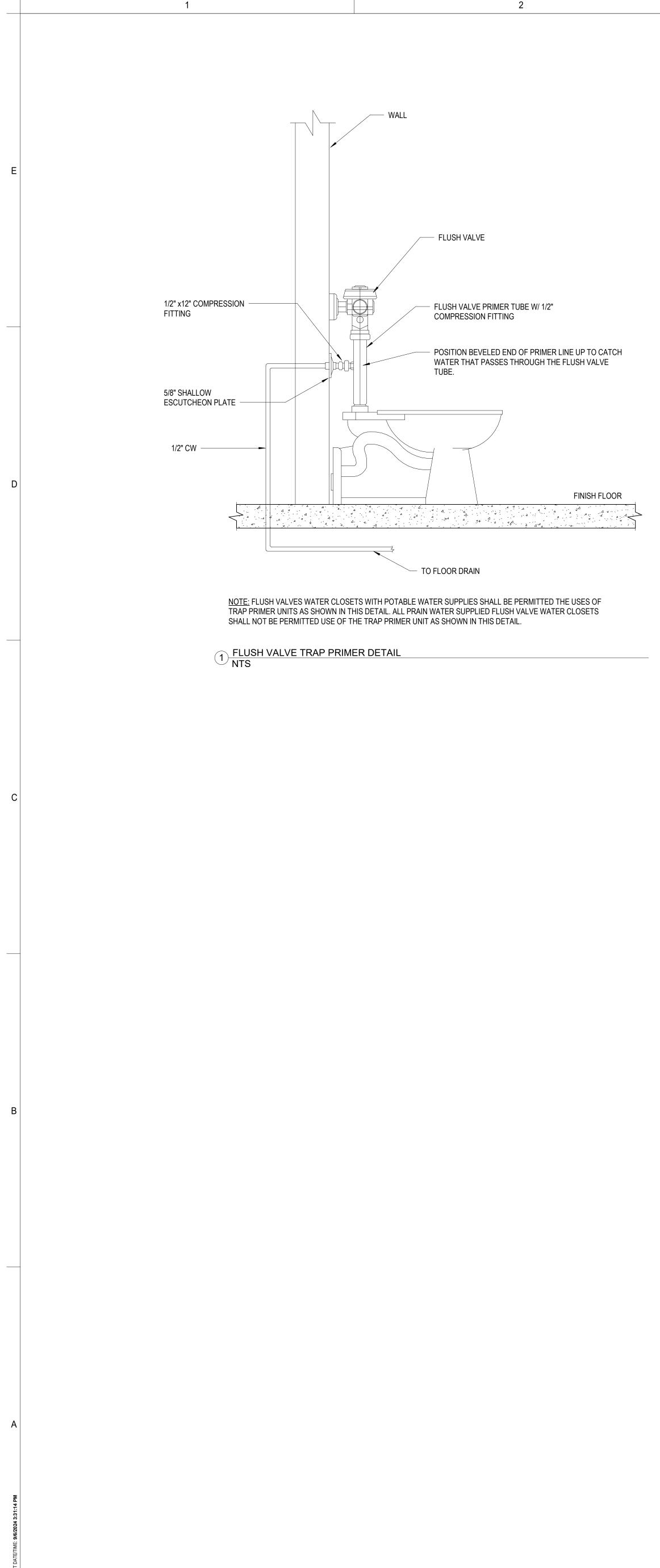


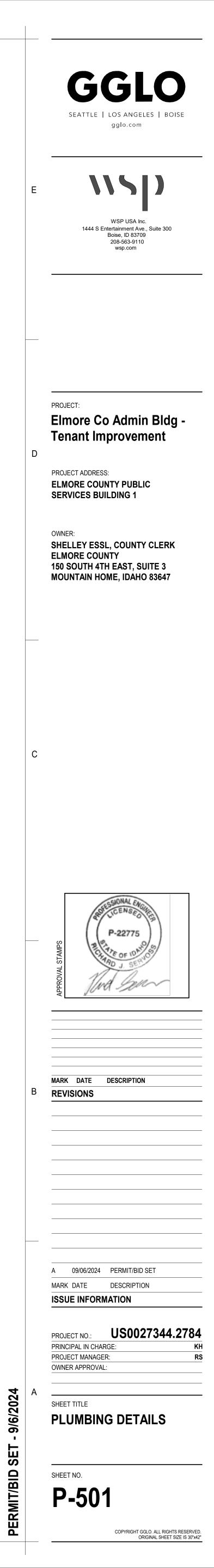


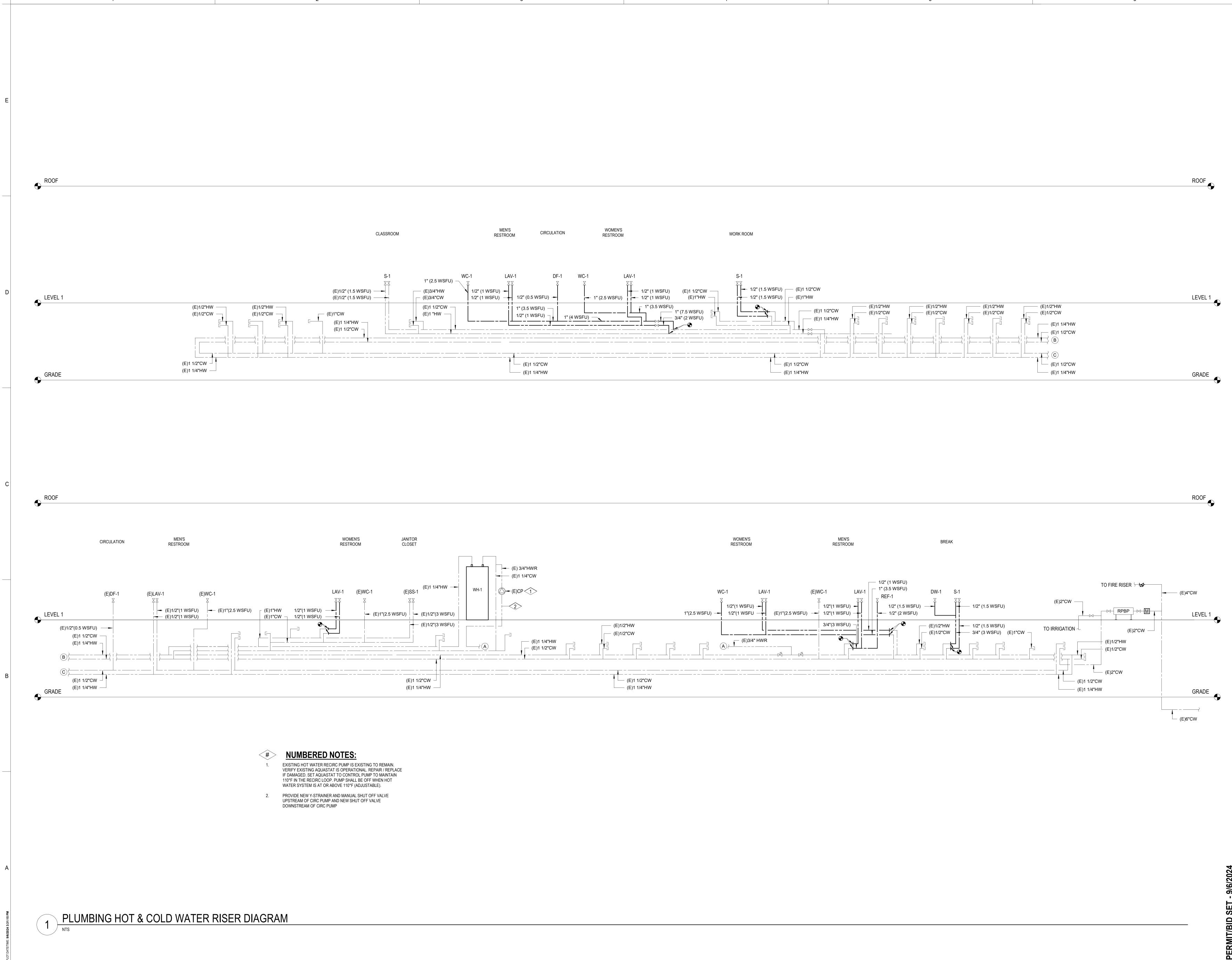
6

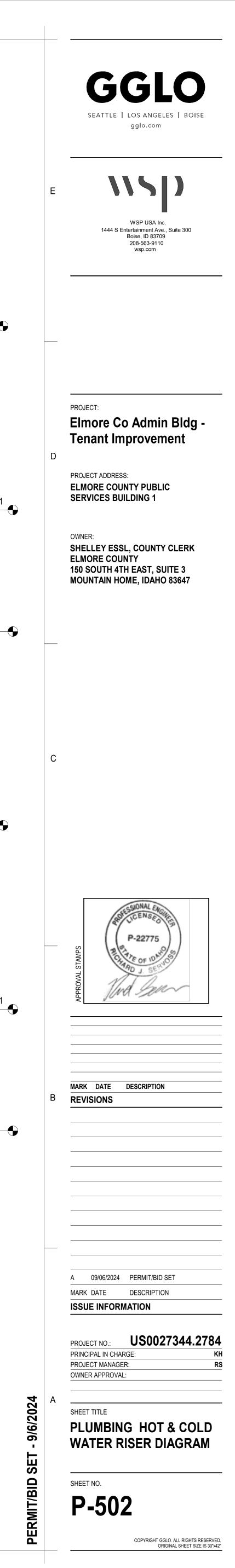
PROVIDE NEW NATURAL GAS PIPING DOWNSTREAM OF GAS ISOLATION VALVE AND CONNECT TO NEW GAS-FIRED ROOFTOP UNIT. PROVIDE NEW GAS ISOLATION VALVE FOR EACH ROOFTOP UNIT TYPICAL 4 NEW ROOFTOP

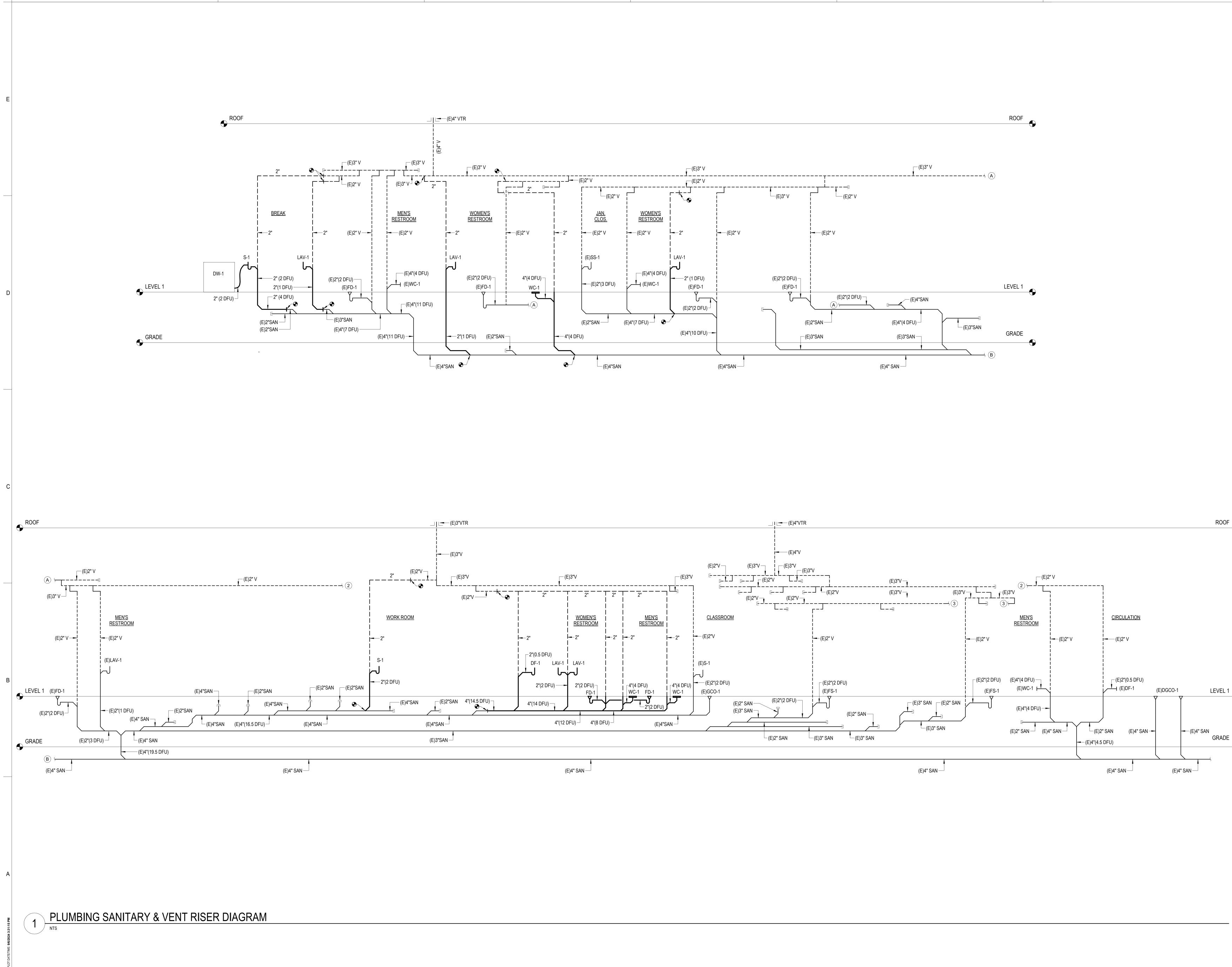


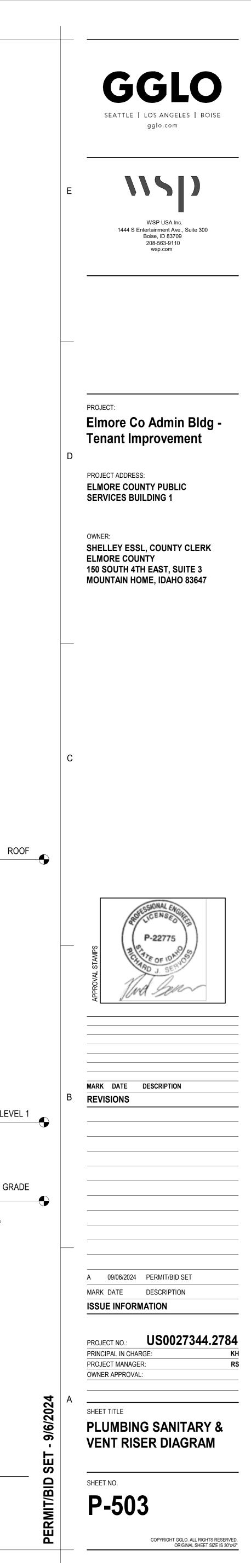


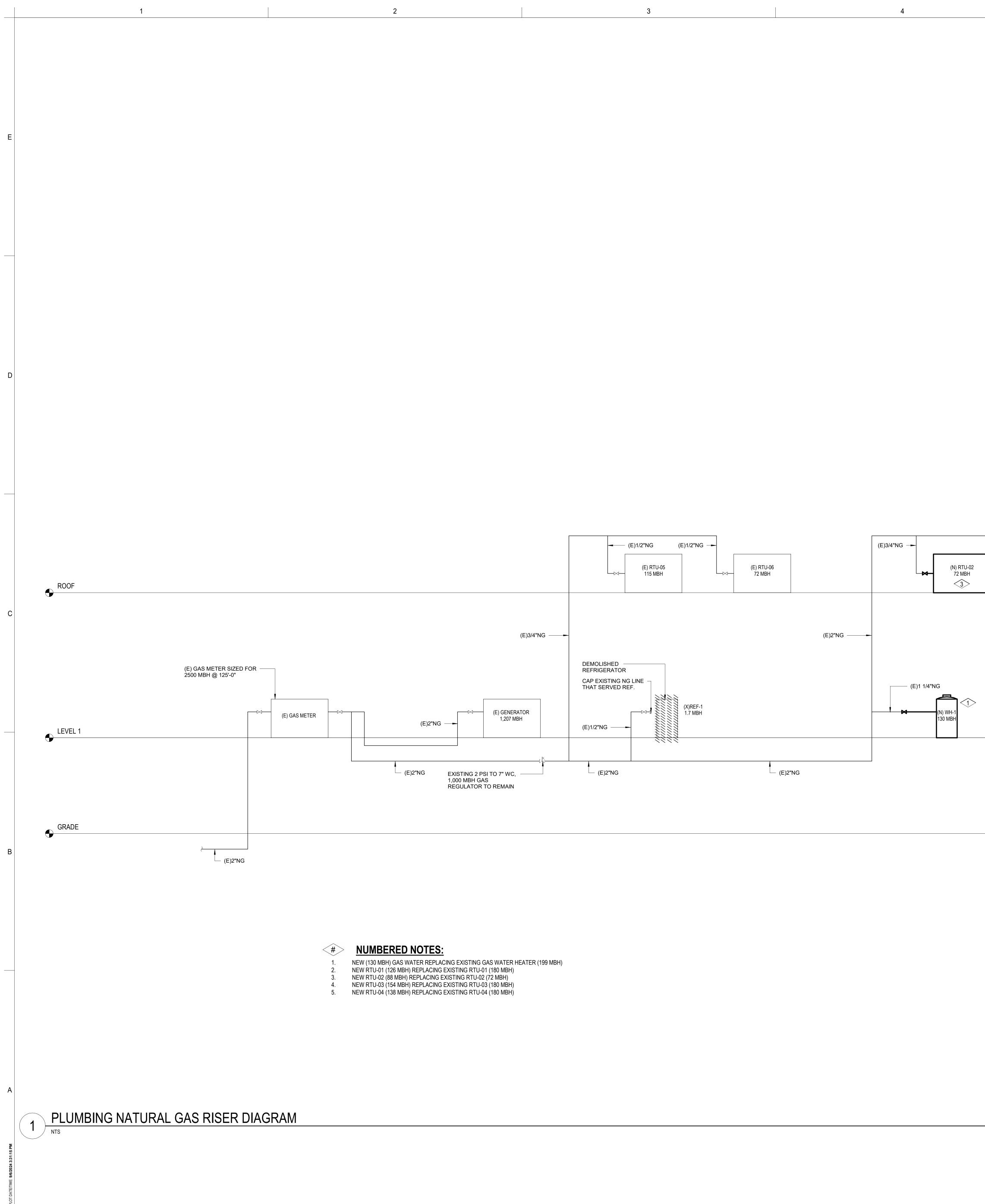








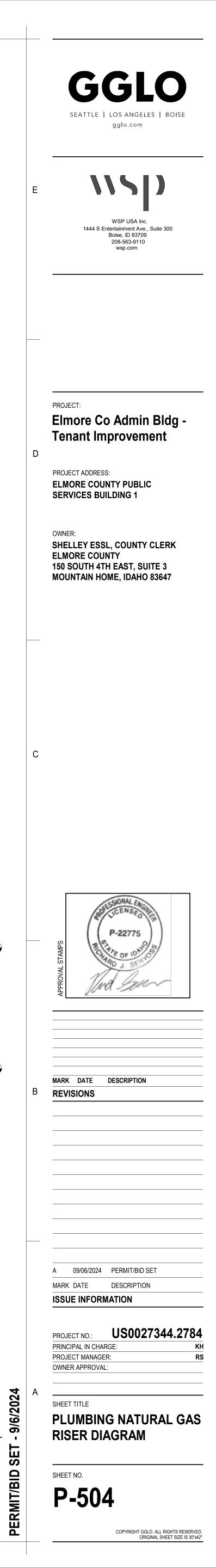




(E)2"NG					
	(E)1 1/2"NG —	- (E)1 1	/4"NG —		
	(N) RTU-03 180 MBH	(N) RTU-04 180 MBH 1/4"NG –	~~	(N) RTU-01 180 MBH	ROOF

LEVEL 1

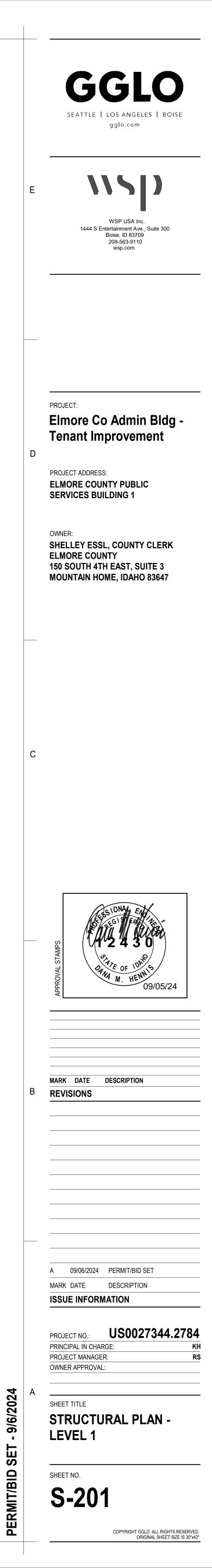
GRADE

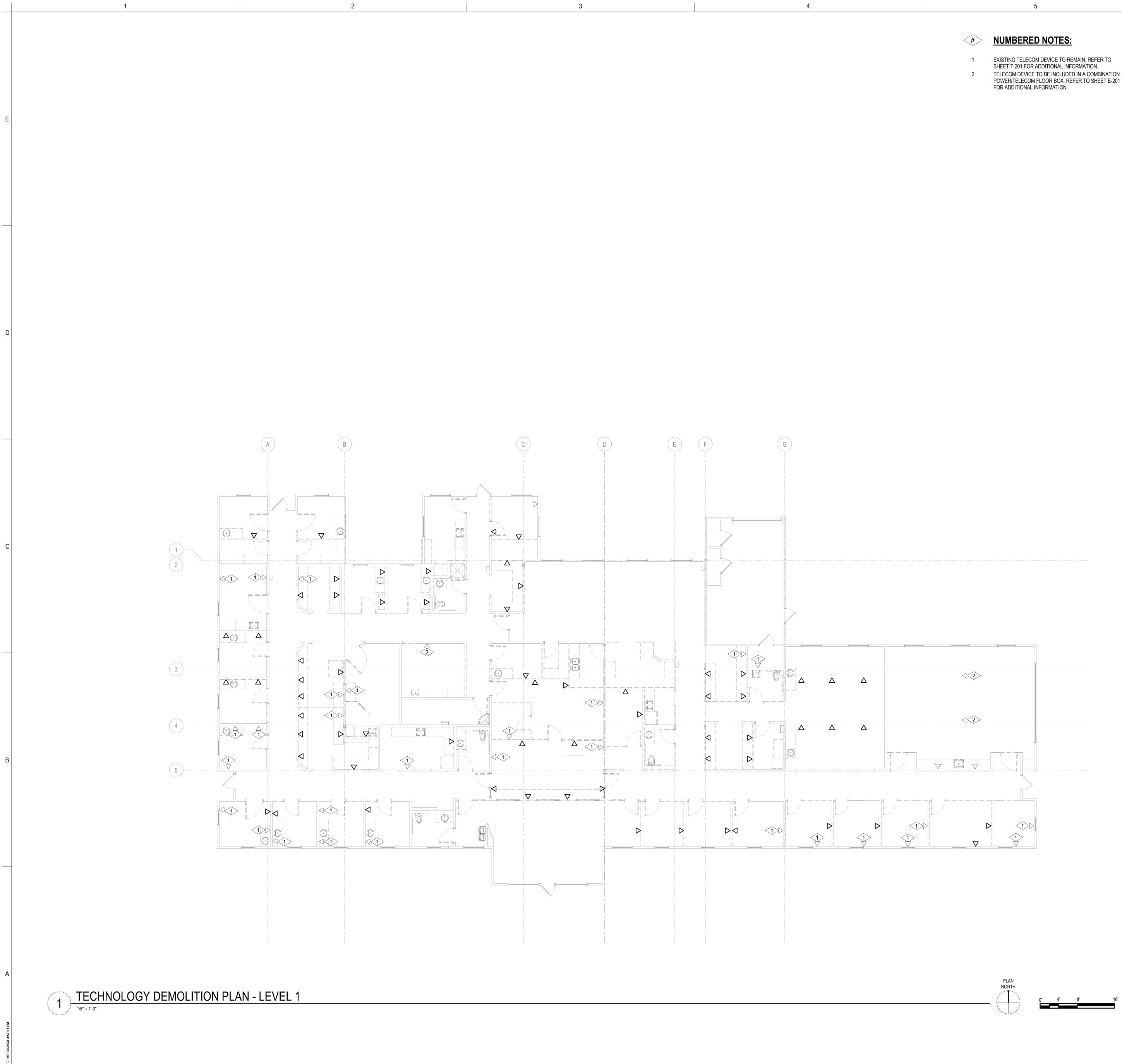






1 STRUCTURAL WALL OPENING, SEE DETAIL 2 / S-201.





2

1

4

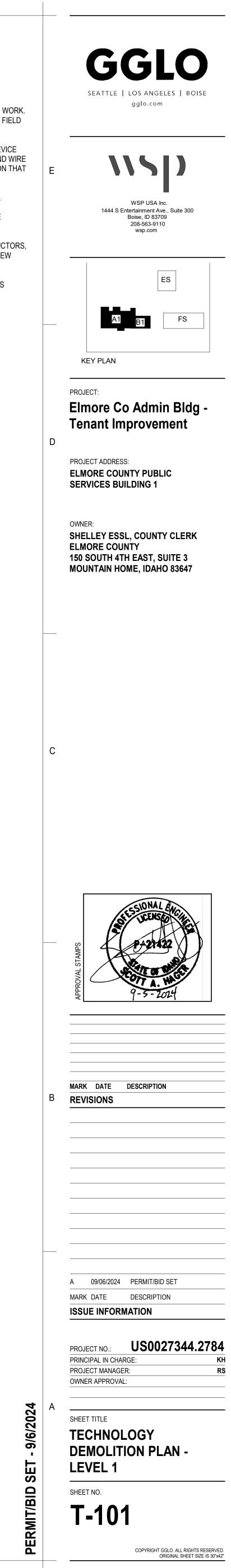
5

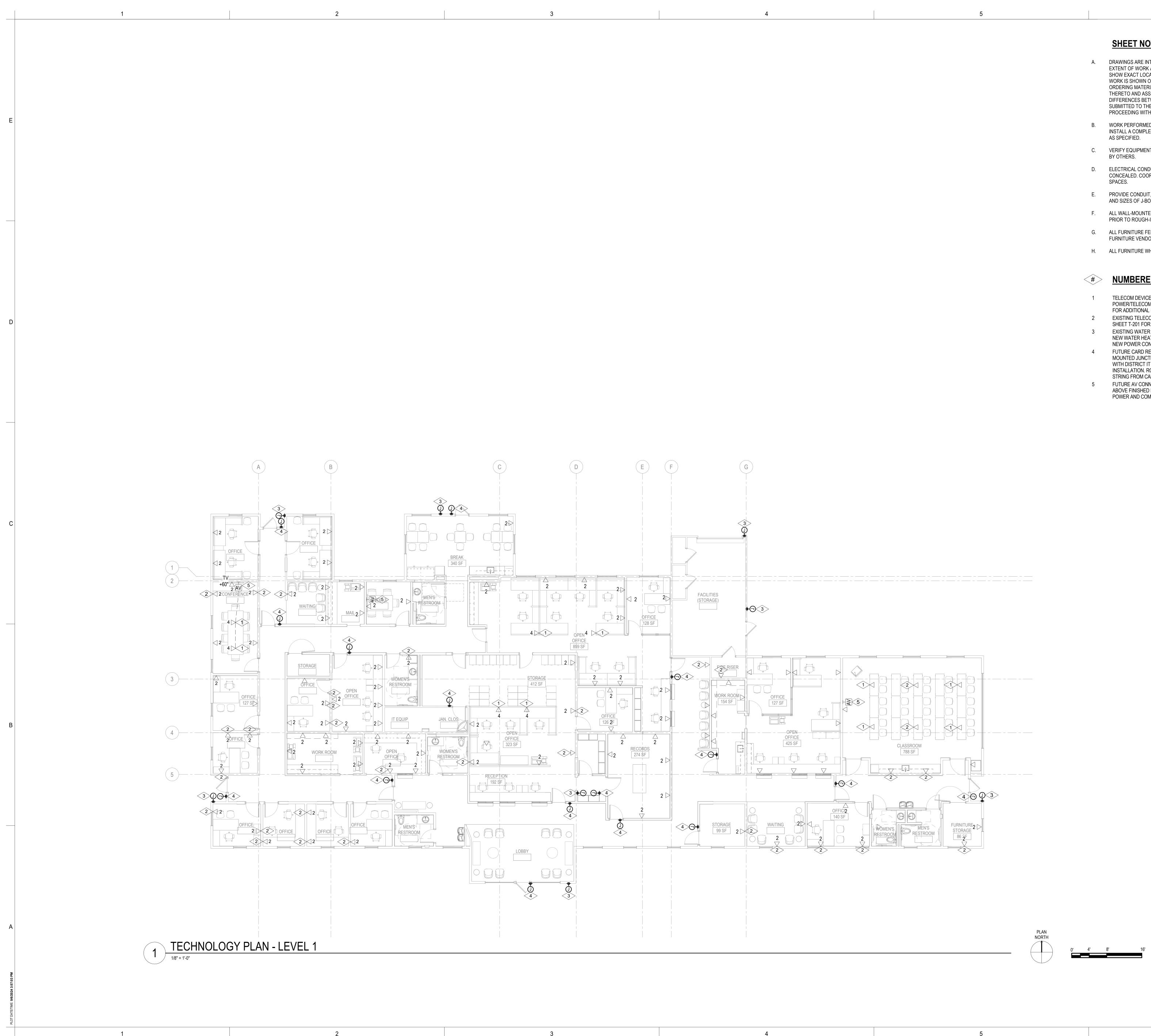
TELECOM DEVICE TO BE INCLUDED IN A COMBINATION POWER/TELECOM FLOOR BOX. REFER TO SHEET E-201

SHEET NOTES:

A. FIELD VERIFY EXISTING CONDITIONS AND IDENTIFY THE CIRCUITS AVAILABLE FOR TI SPACE.

- B. EXAMINE THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO WORK. COORDINATE AREAS OF DEMOLITION WITH ARCHITECT/ENGINEER IN FIELD PRIOR TO ACTUAL DEMOLITION.
- C. WHERE AN EXISTING CIRCUIT IS INTERRUPTED BY REMOVAL OF A DEVICE OR FIXTURE FROM THAT CIRCUIT, PROVIDE ADDITIONAL CONDUIT AND WIRE TO RESTORE SERVICE TO THE REMAINING DEVICES AND FIXTURES ON THAT CIRCUIT.
- D. WHERE DEVICES OR EQUIPMENT ARE TO BE REMOVED, REMOVE ALL ASSOCIATED CONDUITS, CONDUCTORS J-BOXES AND SUPPORTS. CONTRACTOR MAY UTILIZE EXISTING CONDUIT TO ROUTE NEW WIRE PROVIDED IT COMPLIES WITH CURRENT NEC REQUIREMENT.
- WHERE EXISTING DEVICES ARE TO REMAIN BRANCH CIRCUIT CONDUCTORS, E. CONDUITS AND J-BOXES SHALL REMAIN AS IS. EXTEND CIRCUIT TO NEW DEVICE LOCATIONS IF NECESSARY.
- F. ALL DEVICES ON THIS SHEET ARE EXISITING TO BE REMOVED, UNLESS NOTED OTHERWISE.





- DRAWINGS ARE INTENDED TO SHOW GENERAL ARRANGEMENT, DESIGN, AND EXTENT OF WORK AND ARE DIAGRAMMATIC. DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS EXCEPT WHERE DIMENSIONS ARE SHOWN. ELECTRICAL WORK IS SHOWN ON PLANS USING STANDARD INDUSTRY SYMBOLS. BEFORE ORDERING MATERIALS OR DOING WORK, VERIFY MEASUREMENTS PERTAINING THERETO AND ASSUME RESPONSIBILITY THEREFOR. ANY SUBSTANTIAL DIFFERENCES BETWEEN DRAWINGS AND CONDITIONS IN THE FIELD SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR CONSIDERATION BEFORE PROCEEDING WITH WORK.
- WORK PERFORMED INCLUDES LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON THESE DRAWINGS AND
- VERIFY EQUIPMENT SIZES AND POWER REQUIREMENTS FOR EQUIPMENT PROVIDED
- ELECTRICAL CONDUITS AND JUNCTION BOXES IN FINISHED SPACES SHALL BE CONCEALED. COORDINATE WITH OTHER TRADES AND USE CHASES AND CEILING
- E. PROVIDE CONDUIT, WIRE AND J-BOXES FOR TELECOM CABLING SHOWN. QUANTITY AND SIZES OF J-BOXES TO BE DETERMINED BY CONTRACTOR.
- F. ALL WALL-MOUNTED DEVICE HEIGHTS SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- G. ALL FURNITURE FEED LOCATIONS TO BE VERIFIED WITH ARCHITECT AND FURNITURE VENDOR PRIOR TO ROUGH-IN.
- H. ALL FURNITURE WHIPS SHALL BE TRIMMED TO REDUCE EXCESS WHIP LENGTH.

NUMBERED NOTES:

- TELECOM DEVICE TO BE INCLUDED IN A COMBINATION POWER/TELECOM FLOOR BOX. REFER TO SHEET E-201 FOR ADDITIONAL INFORMATION. EXISTING TELECOM DEVICE TO REMAIN. REFER TO
- SHEET T-201 FOR ADDITIONAL INFORMATION. EXISTING WATER HEATER TO BE REPLACED IN KIND WITH
- NEW WATER HEATER. REUSE EXISTING CIRCUIT FOR NEW POWER CONNECTION. FUTURE CARD READER. PROVIDE AND INSTALL WALL
- MOUNTED JUNCTION BOX. COORDINATE EXACT HEIGHT WITH DISTRICT IT REPRESENTATIVE PRIOR TO FINAL INSTALLATION. ROUTE 3/4" EMT CONDUIT WITH PULL STRING FROM CAMERA TO IT/JAN ROOM.
- FUTURE AV CONNECTION. MOUNT JUNCTION BOX 60" ABOVE FINISHED FLOOR. COORDINATE LOCATION WITH POWER AND COMMUNICATIONS BEHIND TV.

