# EQUIPMENT STORAGE FACILITY - CLINIC REMODEL

# WEBER COUNTY, UTAH



SITE PLAN

### PROJECT SCOPE OF WORK

The scope of work includes the remodel of a storage bay within the existing facility and the enclosure of the main level to provide space for a new outpatient clinic tenant improvement project. The remodel will provide required fire separation as well as infill of an existing overhead sectional door.

### INDEX OF DRAWINGS

#### **ARCHITECTURAL**

A0.1 PROJECT INFORMATION

A1.0 MAIN LEVEL FLOOR PLAN - OVERALL

A1.1 UPPER LEVEL FLOOR PLAN - OVERALL

A2.0 ENLARGED MAIN LEVEL FLOOR PLAN - EXISTING CONDITIONS / DEMO

A2.1 ENLARGED MAIN LEVEL FLOOR PLAN - NEW WORK

A2.2 ENLARGED UPPER LEVEL FLOOR PLAN - NEW WORK

A3.0 BUILDING SECTIONS

A4.0 BUILDING ELEVATIONS

STRUCTURAL ENGINEERING

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OWNER

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# PROJECT INFORMATION

SNOWBASIN RESORT COMPANY

PROJECT ADDRESS: SNOWBASIN SKI AREA WEBER COUNTY, UTAH 3925 E. SNOWBASIN RD.

**HUNTSVILLE, UTAH 84317** 

2015 INTERNATIONAL BUILDING CODE (IBC) **APPLICABLE CODES:** 2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

2015 INTERNATIONAL FIRE CODE (IFC) 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2015 ADA STANDARDS FOR ACCESSIBLE DESIGN AND ICC A117.1

2015 INTERNATIONAL PLUMBING CODE (IPC) 2017 NATIONAL ELECTRIC CODE (NEC) 2015 INTERNATIONAL MECHANICAL CODE (IMC) 2015 INTERNATIONAL FUEL GAS CODE (IFGC)

PROJECT USE: **BUSINESS - OUTPATIENT CLINIC (NEW)** 

STORAGE (EXISTING)

OCCUPANCY: (B) BUSINESS - OUTPATIENT CLINIC (S2) STORAGE

OCCUPANCY SEPARATION: 1 HOUR

CONSTRUCTION TYPE: V-A

FIRE SPRINKLERS: EXISTING APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE MAINTAINED PER NFPA 13 AND THE INTERNATIONAL FIRE CODE. THE PROPOSED SCOPE OF WORK MAY REQUIRE THE

ADDITION, RELOCATION AND/OR REMOVAL OF FIRE SPRINKLER FIXTURES TO PROVIDE ADEQUATE FIRE SUPPRESSION

COVERAGE.

**ALARM & FIRE DETECTION:** EXISTING APPROVED FIRE ALARM SYSTEM SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE PROPOSED SCOPE OF WORK MAY REQUIRE THE ADDITION, RELOCATION AND/OR REMOVAL

OF DETECTION AND ALARM DEVICES & CONTROLS.

**DEFERRED SUBMITTALS:** FIRE SPRINKLER SYSTEM FIRE DETECTION AND ALARM SYSTEM

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## ABBREVIATIONS

ANCHOR BOLT ACOUSTICAL CEILING TILE ALUMINUM CHECKER PLATE ELEV ABOVE FINISH FLOOR ALUMINUM EOB EQ EQUIP ANODIZED ACOUSTICAL PANEL EQUIV EW EXIST AVERAGE BACKER BOARD BASE FLOOD FLEVATION BLOWN IN BATTS BOTTOM OF BOTTOM OF FOOTING BEARING BRACKET BASEMENT CEILING ACCESS CEMENT BOARD CAST IN PLACE COMPLETE JOINT PENETRATION CENTER LINE CONCRETE MASONRY UNIT CONC CONCRETE
CONST. JT CONSTRUCTION JOINT CONTINUOUS COLD ROOF RAFTER GWB-FG COUNTER SINK CFRAMIC TILF COURTYARD HDR DEMOLISH OR DEMOLITION HGR DEPRESSION DOUGLAS FIR-LARCH DIMENSIONS DIRECTION DISPENSER DOWN DOOR

EACH FACE EXTERIOR FINISH INSULATION SYSTEM EXPANSION IOINT ELECTRICAL IRGWB ETHYLENE PROPYLENE DIENE M-CLASS EDGE OF BEAM EQUIVALENT EXP STRUC. EXPOSED STRUCTURE MANUF EXTERIOR **EXTENSION** FLOOR DRAIN FIRE EXTINGUISHER CARINET FINISH FLOOR ELEVATION FIBER GLASS MEMBR FIXTURE FLOOR FOUNDATION MRGWB MTL MW FACE OF CONCRETE FACE OF STUD FIREPLACE FRAMING FOOTING FIBER REINFORCED PANEL FOOT OR FEET NOT INCL FURRING FIXED OFO OPNG GLUED LAMINATED BEAM GLUED LAMINATED COLUMN GYPSUM WALL BOARD GYPSUM WALL BOARD-FIBERGLASS GWB-WR GYPSUM WALL BOARD-WATER RESISTIVE PCC HDWD HARD WOOD HOLLOW CORE HOLD DOWN PLUMB HANGER PLYD HOLLOW METAL HORIZONTAI HIGH POINT

INFORMATION INSULATION INTERIOR INVERTED IMPACT RESISTANT GYPSUM WALL BOARDRO SDFC KING STUD LENGTH LAVATORY LAG BOLT LAMINATED STRAND LUMBER LAMINATED VENEER LUMBER LIGHT WEIGHT CONCRETE MANUFACTURER MASONRY MATERIAL MAXIMUM MASONRY BEAM MASONRY COLUMN METAL CEILING SUSPENSION SYSTEM MEMBRANE MINIMUM MASONRY OPENING MOISTURE RESISTANT GYPSUM WALL METAL MASONRY WALL NOT APPLICABLE NOT IN CONTRACT NOT INCLUDED NEAR SIDE NOT TO SCALE NORMAL WEIGHT CONCRETE ON CENTER OUTSIDE DIAMETER OVERFLOW ROOF DRAIN OUTSIDE FACE OF OPENING OPPOSITE ORIENTED STRAND BOARD POWER ACTUATED FASTENER PRE-CAST CONCRETE PERFORATED PLASTER

ROUGH OPENING SUSPENDED DRYWALL FURRED CEILING SOUARE FOOTAGE SPRAY APPLIED FIRE RESISTIVE MATERIAL SLAB ON GRADE SPECIFICATION STAINLESS STEEL STAIN.CONC. STAINED CONCRETE STIFFENER SOUND TRANSMISSION COEFFICIENT STORAGE STRUCT STRUCTURAL SYMMETRICAL SYNTHETIC TOP AND BOTTOM TONGUE & GROOVE TELEPHONE TOE NAIL TOP OF TYPICAL PLYWOOD PANEL PAINT POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH VENEER

TEMPERED GLASS THREADED TOP OF CONCRETE TOP OF FOOTING TOP OF SLAB TOILET PAPER DISPENSER TUBE STEEL UNLESS NOTED OTHERWISE VERIFY IN FIELD VINYL WALL COVERING

WATER CLOSET

PARALLEL STRAND LUMBER PRESSURE TREATED

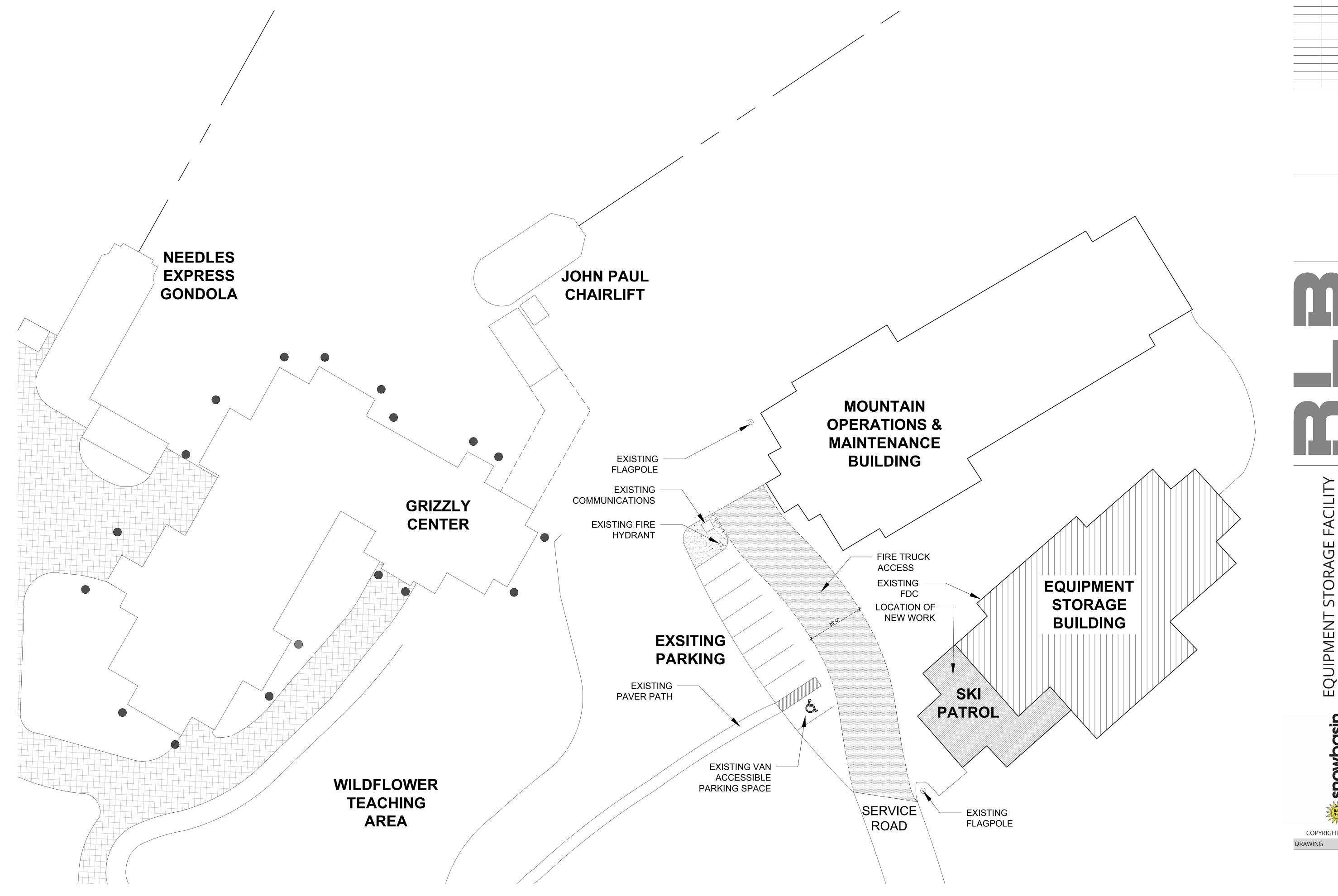
PRESSURE TREATED DOUGLAS FIR POLYVINYL CHLORIDE

REFLECTED CEILING PLAN WDW ROOF DRAIN

HEADED STUD ANCHOR HOLLOW STEEL SECTION HEATING, VENTILATING AND AIR

RCP

INSIDE DIAMETER

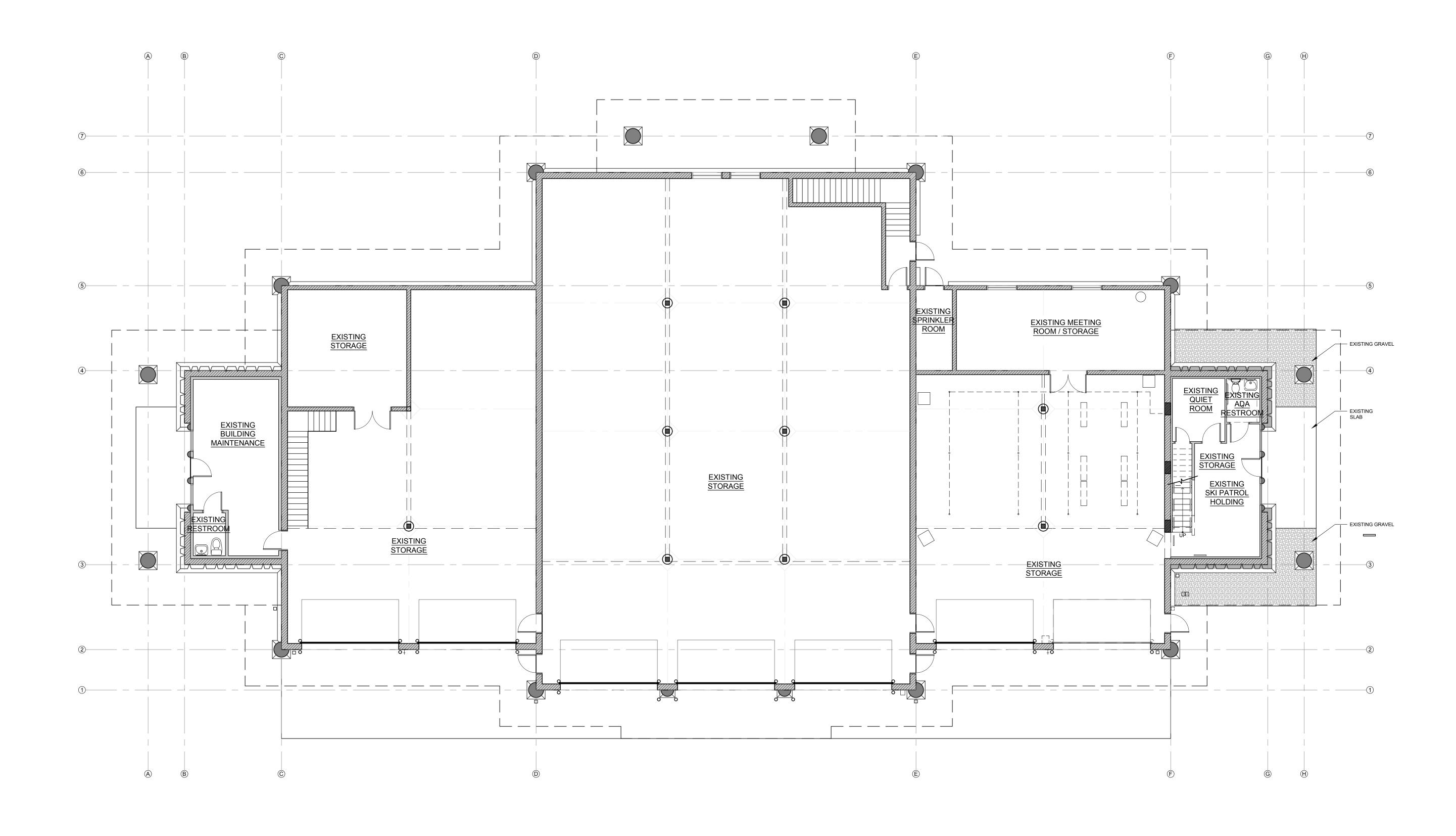


EQUIPMENT STORAGE FACILITIC REMODEL

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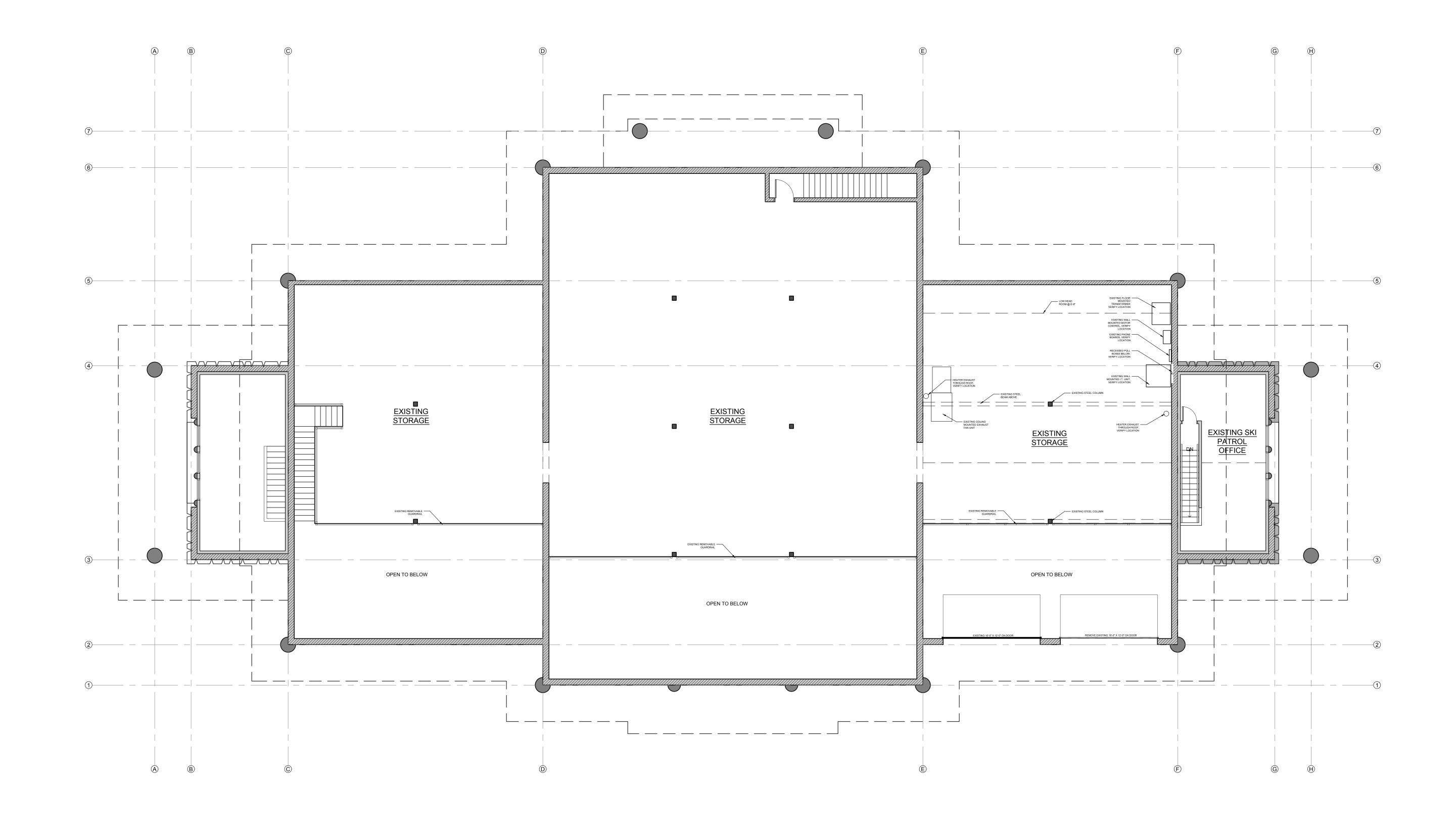
MAIN LEVEL FLOOR PLAN -OVERALL

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UPPER LEVEL FLOOR PLAN -OVERALL

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ENLARGED MAIN LEVEL FLOOR PLAN - EXISTING CONDITIONS / DEMO

GENERAL DEMOLITION NOTES

ACQUIRE ALL REQUIRED DEMOLITION PERMITS FROM WEBER COUNTY, STATE OF UTAH. USE CAUTION IN ALL DEMOLITION AND REMOVAL OF ALL EXTERIOR AND INTERIOR FIXTURES, EQUIPMENT, STONE, DOORS, MILLWORK AND CARPETS AS MAY BE DIRECTED BY OWNER OR ARCHITECT.

2. CONTRACTOR AND THEIR SUBCONTRACTORS SHALL PROTECT ALL EXISTING FINISHES THAT ARE TO REMAIN IN THIS PROJECT. PROTECT ALL UTILITIES, PLUMBING, PIPING, WIRING AND FIRE PROTECTION AS MAY BE

REQUIRED DURING DEMOLITION AND CONSTRUCTION.

3. REFER TO ARCHITECTURAL, STRUCTURAL AND INTERIOR DRAWINGS AND DETAILS TO CONFIRM EXACT LIMITS OF DEMOLITION AND REMOVAL. CONTACT ENGINEER AND

COORDINATE DEMOLITION AND REMOVAL WITH
 CONSTRUCTION MANAGEMENT PLAN AND OWNER.

ARCHITECT WITH ANY QUESTIONS.

5. SHORE EXISTING STRUCTURAL COMPONENTS DURING AND AFTER DEMOLITION AS MAY BE REQUIRED. CONTACT ENGINEER AND ARCHITECT WITH ANY QUESTIONS. NOTE: CONTRACTOR IS RESPONSIBLE FOR ALL METHODS AND MEANS FOR DEMOLITION.

CAREFULLY SAW CUT AND REMOVE EXISTING CONCRETE
 MASONRY WALL FOR SCHEDULED NEW DOORS AND
 OPENINGS. PROVIDE NECESSARY SPACING AND
 PROTECTION FOR FLOORS AND ADJACENT SURFACES AS
 REQUIRED.

7. COMBUSTIBLE DEBRIS SHALL NOT BE ACCUMULATED WITHIN BUILDING. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL BE REMOVED FROM BUILDINGS AT THE END OF EACH SHIFT OR WORK PERIOD. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL NOT BE DISPOSED OF BY BURNING ON THE SITE UNLESS APPROVED.

8. MATERIALS SUSCEPTIBLE TO SPONTANEOUS IGNITION, SUCH AS OILY RAGS, SHALL BE STORED IN A LISTED DISPOSAL CONTAINER.

9. OPERATIONS INVOLVING THE USE OF CUTTING AND WELDING MAY REQUIRE A HOT WORKS PERMIT. THIS PERMIT SHALL BE SECURED FROM WEBER COUNTY FIRE DEPARTMENT. FULL FIRE WATCH REQUIREMENTS SHALL BE IN PLACE DURING ANY SUCH WORK.

IO. TEMPORARY WIRING FOR ELECTRICAL POWER AND LIGHTING INSTALLATIONS USED IN CONNECTION WITH THE CONSTRUCTION, ALTERATION OR DEMOLITION OF BUILDINGS, STRUCTURES, EQUIPMENT OR SIMILAR ACTIVITIES REQUIRES AN ELECTRICAL PERMIT FROM STATE OF UTAH.

1. THE STORAGE, USE AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS AT CONSTRUCTION SITE SHALL BE IN ACCORDANCE WITH IFC SECTION 3406.2. VENTILATION SHALL BE PROVIDED FOR OPERATIONS INVOLVING THE APPLICATION OF MATERIALS CONTAINING FLAMMABLE SOLVENTS.

12. REQUIRED EXIT ILLUMINATION & SIGNAGE ALONG
EXISTING & TEMPORARY MEANS OF EGRESS, SHALL BE
MAINTAINED DURING DEMOLITION, CONSTRUCTION AND
ALTERATIONS.

13.PROVIDE WITH NO FEWER THAN ONE APPROVED
PORTABLE FIRE EXTINGUISHER IN ACCORDANCE WITH
2009 IBC SECTION 906 DURING CONSTRUCTION

14. CAREFULLY REMOVE AND DISPOSE OF NON-LOAD
BEARING INTERIOR WALL PARTITIONS INCLUDING WALL
COVERING AND TILE OR GYPSUM FINISH MATERIAL AS MAY

15. CAREFULLY REMOVE AND STORE EXISTING EXTERIOR & INTERIOR DOORS AS MAY BE REQUIRED; DOORS SHALL BE RETURNED TO OWNER FOR REUSE OR RENOVATION. CAREFULLY REMOVE DOOR HARDWARE AND STORE FOR OWNER REUSE.

16. CAREFULLY REMOVE AND DISPOSE OF ALL SCHEDULED EXISTING FLOOR FINISHES TO BE REMOVED INCLUDING

### DEMOLITION KEY NOTES

CARPETING AND TILE ETC.

RELOCATE EXISTING COPPER DOWNSPOUT TO INSIDE CORNER LOCATION AS SHOWN

2 EXCAVATE AND RELOCATE EXISTING DRAIN LINE TEE AND DOWNSPOUT RISER TO NEW

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ENLARGED MAIN LEVEL FLOOR PLAN -EXISTING

CONDITIONS / DEMO

A 2.0

WALL LEGEND

EXISTING MASONRY WALL

EXISTING WOOD STUD WALL

NEW MASONRY WALL

NEW METAL STUD WALL

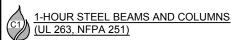
#### FIRE RATED ASSEMBLIES

1-HR FIRE RATED FLOOR-CEILING S (GA FILE NO. FC 5407) (STC 35 - 39)

BASE LAYER %" TYPE 'X' GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO WOOD JOISTS 24" o.c. WITH 1½" TYPE 'W' OR 'S' DRYWALL SCREWS 24" o.c. FACE LAYER %" TYPE 'X' GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO I-JOIST WITH 1½" TYPE 'W' OR 'S' DRYWALL SCREWS 12" o.c. AT JOINTS AND INTERMEDIATE I-JOISTS AND 1½" TYPE 'G' DRYWALL SCREWS 12" o.c. PLACED 2" BACK ON EITHER SIDE OF END JOINTS. JOINTS OFFSET 24" FROM BASE LAYER JOINTS. WOOD I-JOISTS SUPPORTING ¾" PLYWOOD SHEATHING APPLIED AT RIGHT ANGLES TO I-JOIST WITH 10d COMMON NAILS. PROVIDE SOUND ATTENUATION UNDERLAYMENT OVER SUB-FLOOR W/ IMPACT INSULATION CLASS (IIC) >/= 50 PER ASTM E 492



ONE LAYER  $\frac{5}{8}$ " TYPE 'X' GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO EACH SIDE OF 2X6 WOOD STUDS 16"o.c. WITH 2  $\frac{1}{4}$ " TYPE S OR W DRYWALL SCREWS 7" o.c.



- CLEAN AND REMOVE ALL LOOSE SCALE, RUST, DIRT OIL AS NEEDED
- APPLY APPROVED ALKYD PRIMER AT 2.5mil
   APPLY 30mil (DRY) THICKNESS OF "FORCEFIELD FIREGUARD E-84" INTUMESCENT PAINT COATING TO ALL SIDES OF STEEL COLUMNS. PAINT SHALL

CONTINUE TO BOTTOM OF FLOOR DECKING ABOVE.

#### GENERAL NOTES

ENLARGED MAIN LEVEL FLOOR PLAN - NEW WORK

O 2' 4' SCALE: 1'-0"

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL SUPERVISE AND DIRECT THEIR WORK AND THEY SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. AS A PART OF THEIR RESPONSIBILITY THE CONTRACTOR SHALL PROVIDE THE SERVICES OF A LICENSED ENGINEER TO DESIGN AND SUPERVISE ANY SCAFFOLDING FOR THEIR WORKMEN AND SHORING OF FORMS AND ELEMENTS OF THE CONSTRUCTION AFFECTED BY THEIR WORK.

- 2. THE CONTRACTOR AND SUBCONTRACTORS SHALL ACQUAINT THEMSELVES WITH THE WORK OF THE OTHER CONTRACTORS WHOSE ACTIVITIES WILL ADJOIN OR BE AFFECTED BY THEIR WORK. THEY SHALL CONSULT WITH THESE OTHER CONTRACTORS AND STUDY THEIR SHOP DRAWINGS IN ORDER TO COORDINATE THEIR EFFORTS TOWARD AVOIDING MISTAKES, OMISSIONS, DISPUTES OR DELAYS.
- 3. THE CONTRACTOR SHALL MAKE THE FIELD MEASUREMENTS NECESSARY FOR THEIR WORK, AND BE RESPONSIBLE FOR THEIR ACCURACY. VERIFY ALL DIMENSIONS AND CONDITIONS OF THE JOB BEFORE AND DURING CONSTRUCTION.

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ENLARGED MAIN LEVEL FLOOR PLAN - NEW WORK

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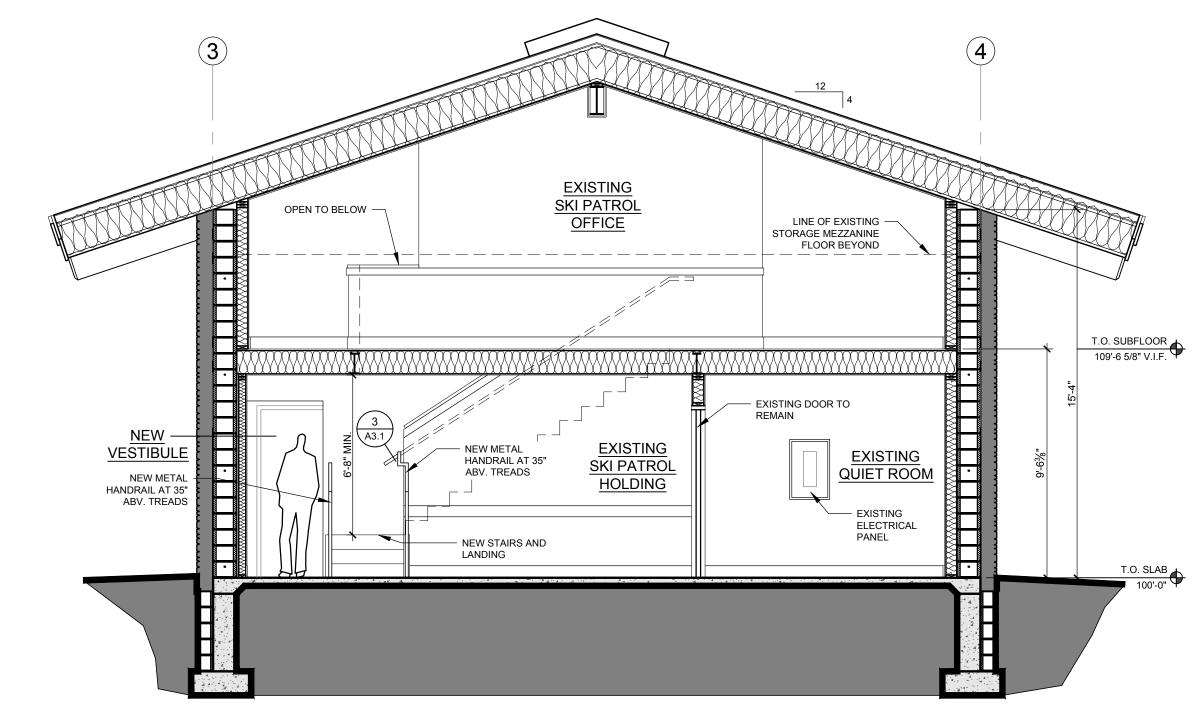
ENLARGED

UPPER LEVEL

FLOOR PLAN 
NEW WORK

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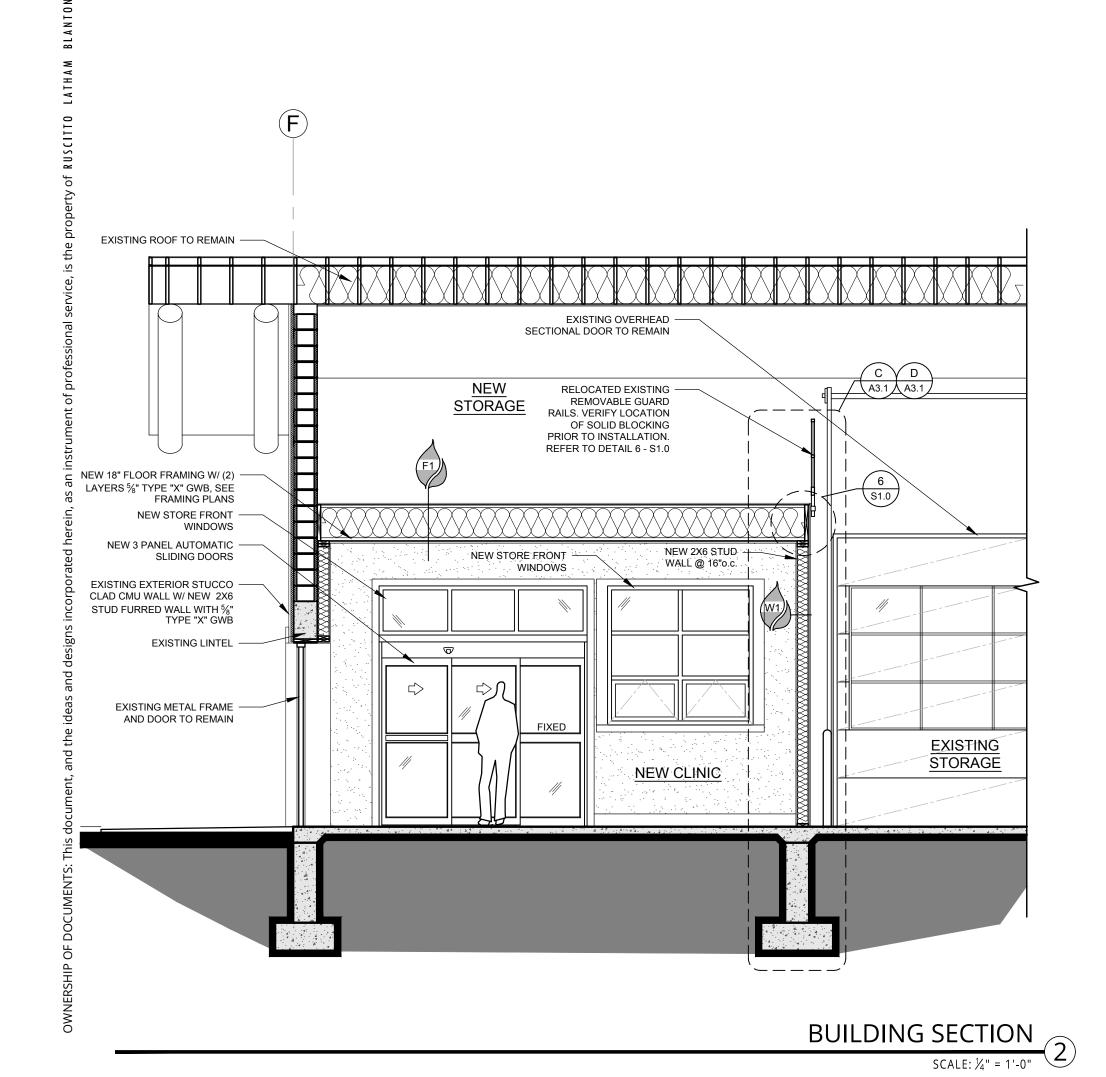
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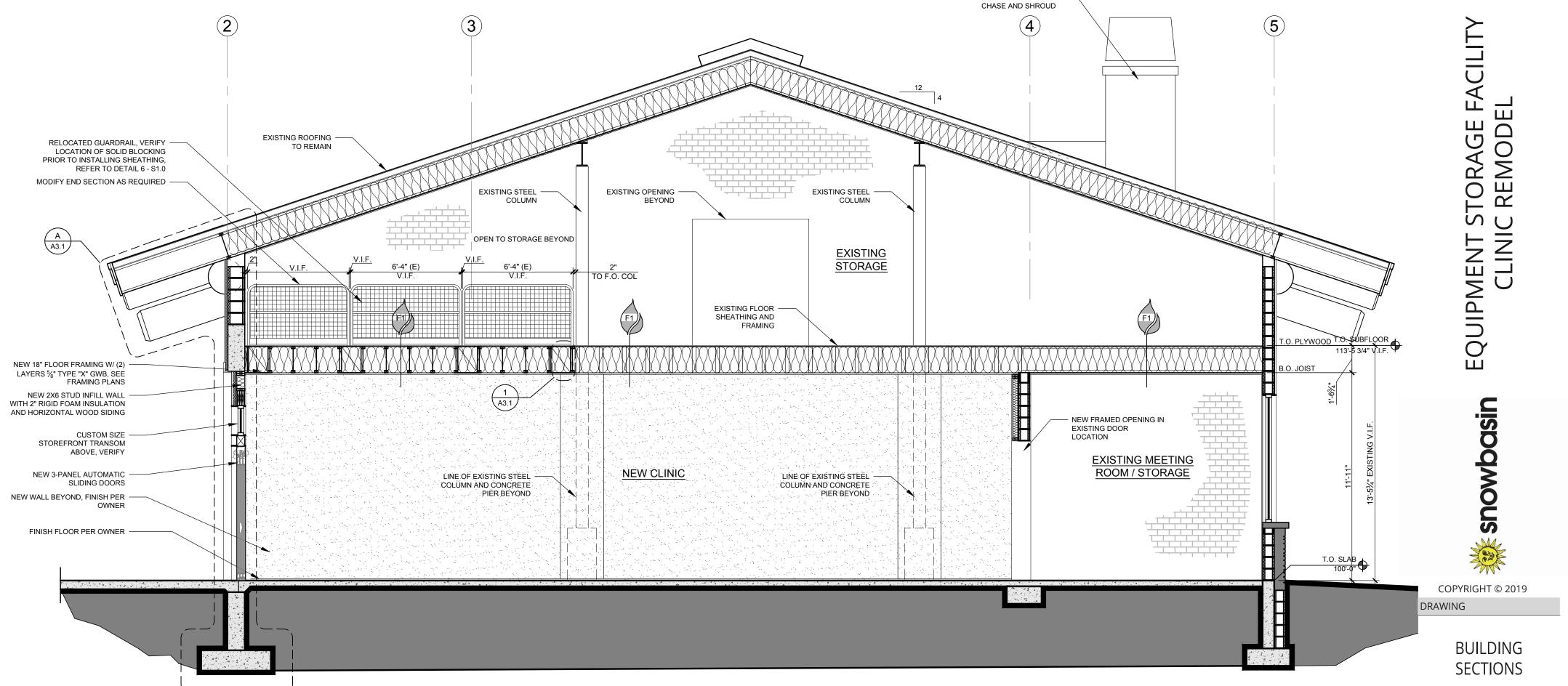
BUILDING SECTION
SCALE: ½" = 1'-0"

EXISTING MECHANICAL—
CHASE AND SHROUD

(4)

(5)





BUILDING SECTION

SCALE: ½" = 1'-0"

A 3.0

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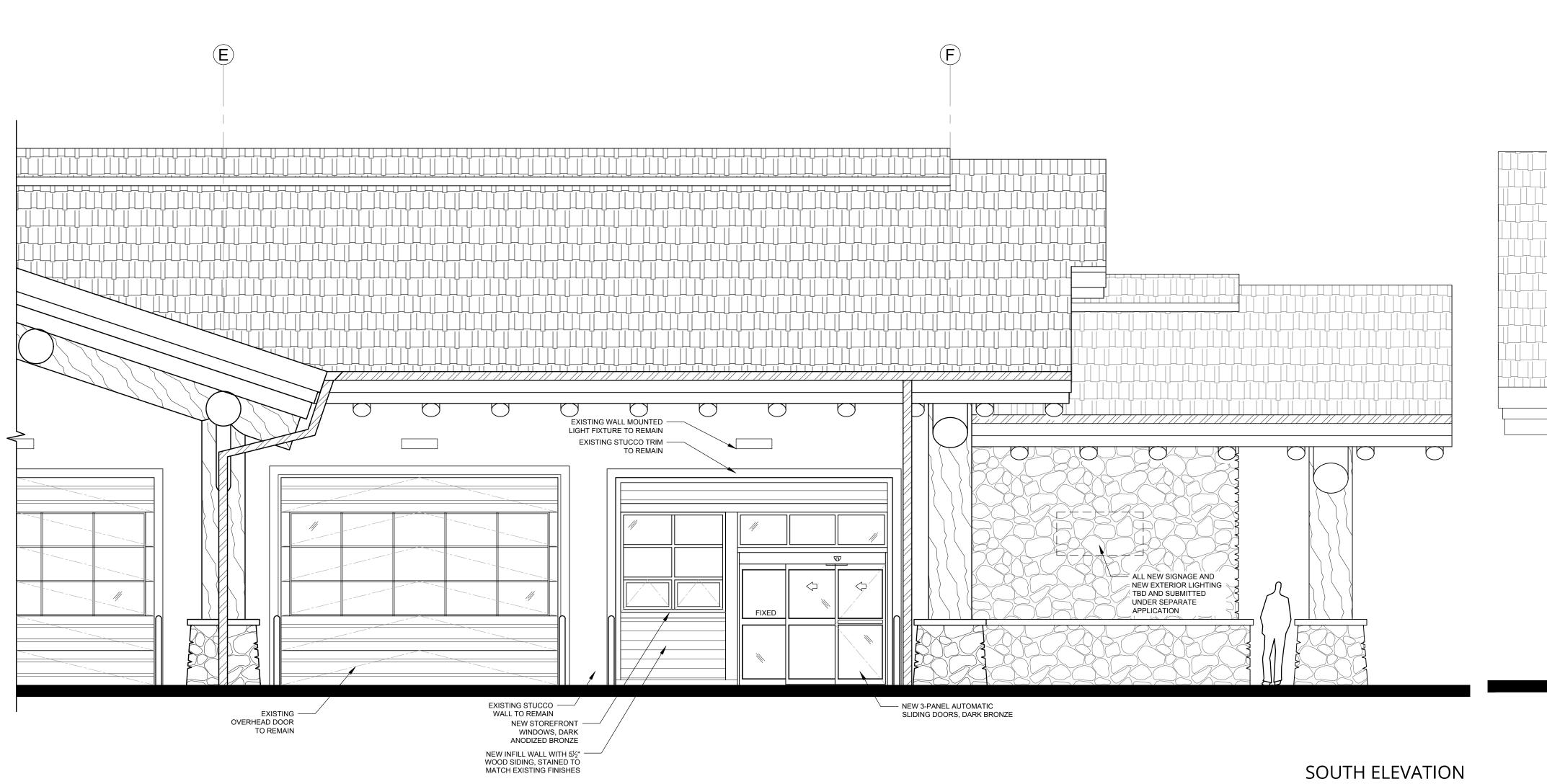
BUILDING ELEVATIONS

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EAST ELEVATION

SCALE: 1/4" = 1'-0"

A 4.0



1 2 3

SCALE: ½" = 1'-0"