

A REMODEL FOR:

ENTIRE ARCH SET IS REVISION 1 PER OWNER COMMENTS, 12-18-23

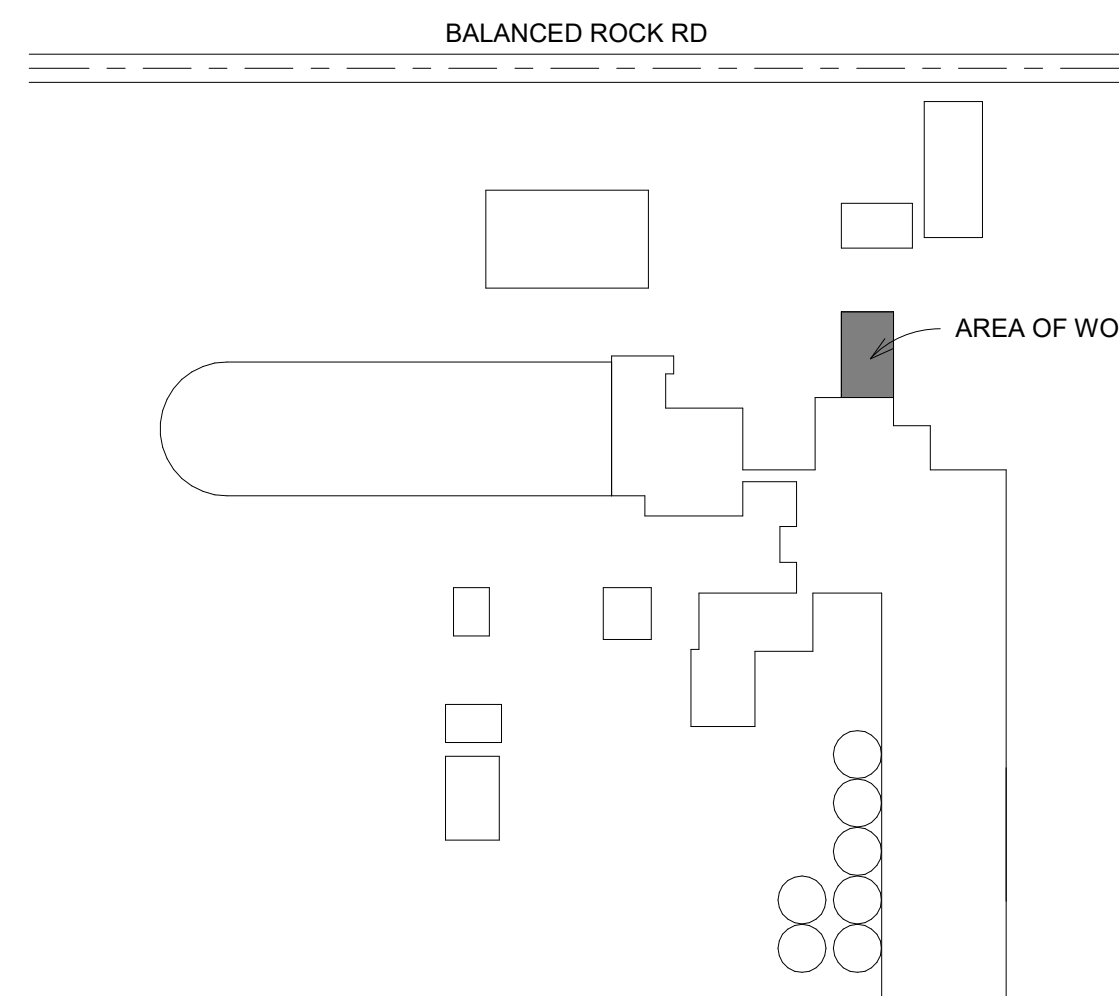
AMALGAMATED SUGAR LOCKER ROOM

2320 Orchard Dr E, Twin Falls, ID 83301

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GENERAL NOTES:

- ALL WORK SHALL MEET CURRENT STATE, LOCAL CODES, ORDINANCES, & 2018 IEBC
- ALL MECHANICAL, ELECTRICAL, & PLUMBING WORK SHALL MEET ALL CURRENT APPLICABLE STATE & LOCAL CODES.
- ALL UTILITIES SHALL BE PROPERLY IDENTIFIED & LOCATED BEFORE WORK BEGINS ON PROJECT.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS & DIMENSIONS AT THE JOB SITE & NOTIFY THE ARCHITECT OF ANY DIMENSIONAL ERRORS, OMISSIONS, OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING ANY WORK.
- DO NOT SCALE DRAWINGS.
- ALL DOOR HANDLES SHALL BE LEVER TYPE, ALL DOOR HARDWARE SHALL BE A.D.A COMPLIANT AS PER CURRENT ANSI 117.1
- AT MAIN ENTRANCE DOOR SHALL HAVE SINGLE ACTION LOCKING DEVICE & OR SIGNED "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."



2 VICINITY MAP
1/8" = 1'-0"

ABBREVIATIONS

AC	ACOUSTICAL CEILING	DIA	DIAMETER	GYP BD	GYPSUM BOARD	PL	PLATE, PLASTIC LAMINATE	T	THREAD
ADJ	ADJUSTABLE - ADJACENT	DIM	DIMENSION	HB	HOSE BIB	P-LAM	PLASTIC LAMINATE	TBB	TILE BACKER BOARD
AFF	ABOVE FINISH FLOOR	DF	DRINKING FOUNTAIN	HC	HANDICAPPED	PLWD	PLYWOOD	T&G	TONGUE AND GROOVE
AL	ALUMINUM	DP	DEEP	HDR	HEADER	PNL	PANEL	TO	TO OFF
ALT	ALTERNATE	DR	DOOR	HM	HOLLOW METAL	PORC. TILE	PORCELAIN TILE	TOW	TOP OF WALL
ANOD	ANODIZED	DS	DOWNSPOUT	HORIZ	HORIZONTAL	PR	PAIR	TPD	TOILET PAPER DISPENSER
AP	ACOUSTICAL WALL PANEL	DWG	DRAWING	HT	HEIGHT	PSF	POUNDS PER SQUARE FOOT	TSCD	TOILET SEAT COVER DISPENSER
APPROX	APPROXIMATE	E	EAST	HVAC	HEATING/VENTILATING/	PSI	POUNDS PER SQUARE INCH	TT	TIRE TREAD
ARCH	ARCHITECT (-URAL)	(E)	EXISTING		AIR CONDITIONING	PT	PAPER TOWEL DISPENSER	TYP	TYPICAL
AW	ACOUSTICAL WALL	EA	EACH	ILO	IN LIEU OF	PTD	PAPER TOWEL DISPENSER	UNO	UNLESS NOTED OTHERWISE
AWF	ACOUSTICAL WALL FABRIC	EJ	EXPANSION JOINT	INSUL	INSULATION	QT	QUARTZ TILE	UIS	UNDERSIDE
BLDG	BUILDING	EL	ELEVATION	INT	INTERIOR	R	RISER, RADIUS	VB	VAPOR BARRIER
BM	BEAM	ELEC	ELECTRIC (-AL)	JNT	JOINT	RB	RESILIENT BASE	VCT	VINYL COMPOSITION TILE
BOD	BOTTOM OF DECK	EP	ENAMEL PAINT	KD	KNOCK DOWN	RD	ROOF DRAIN	VERT	VERTICAL
BOT	BOTTOM	EQ	EQUAL	LAV	LAVATORY	RO	ROUGH OPENING	VGF	VINYL GYM FLOORING
BTWN	BETWEEN	EW	EACH WAY	LAV	LAVATORY	RR	RESTROOM	VIF	VINYL INDUSTRIAL FLOORING
CB	CATCH BASIN	EXG	EXISTING	MCFP	MULTI-COLORED FINISH	RSF	RUBBER SHEET FLOORING	VR	VAPOR RETARDER
CBT	CABINET	EXP	EXPANSION	MDO	MEDIUM DENSITY	S	SOUTH	VT	VINYL TILE
CG	CORNER GUARD	EXT	EXTERIOR		OVERLAY PLYWOOD	SC	SOLID CORE	VWF	VINYL WALL FABRIC
CJ	CONTROL JOINT	FA	FIRE ALARM	MECH	MECHANIC (-AL)	SCU	STRUCTURAL CLAY UNIT	W	WEST
CL	CENTERLINE	FD	FLOOR DRAIN	MFR	MANUFACTURE (-R)	SD	SOAP DISPENSER	W/C	WATER CLOSET
CLG	CEILING	FE	FIRE EXTINGUISHER	MIN	MINIMUM	SDSV	STATIC DISIPATIVE SHEET VINYL	W	WOOD
CLR	CLEAR (-ANCE)	FEC	FIRE EXTINGUISHER CABINET	MISC	MISCELLANEOUS	SF	SPECIALTY FINISH	W/D	WASHER & DRYER
CMT	CERAMIC MOSAIC TILE	FF	FACTORY FINISH, FINISH FLOOR	MRGB	MOISTURE RESISTANT	SFGL	SAFETY GLASS	WDO	WINDOW
CMU	CONCRETE MASONRY UNIT	FIN	FINISH (-ED)		GYPSUM BOARD	SHTG	SHEATHING	WF	WALL FABRIC
CO	CLEAN OUT	FLR	FLOOR (-ING)	MTL	METAL	SIM	SIMILAR	WFV	WOOD FACE VENEER
COL	COLUMN	FND	FOUNDATION	N	NORTH	SL	SLOPE	WG	WIRE GUARD
CONC	CONCRETE	FOC	FACE OF CONCRETE	(N)	NEW	SND	SANITARY NAPKIN DISPENSER	WGL	WIRED GLASS
CONT	CONTINUOUS, CONTINUE	FRP	FIBERGLASS REINFORCED	NA, N/A	NOT APPLICABLE	SP	SPACE (-S)	WM	WIRE MESH
CORR	CORRIDOR	FRV	FIBERGLASS REINFORCED	NIC	NOT IN CONTRACT	SPEC	SPECIFICATION	W/O	WITHOUT
CP	CARPET	FRVR	FLAME RESISTANT VAPOR BARRIER	NDU	NOT IN CONTRACT	SQ	SQUARE	WOC	WALK-OFF CARPET
CS	CONCRETE SLAB, SEALED	FT	FOOT, FEET		SANITARY NAPKIN	S/S	STAINLESS STEEL	WP	WATERPROOFING
CT	CERAMIC TILE	FTG	FOOTING	NOM	NOMINAL	ST	STAIN	WPS	WALL PROTECTION SYSTEM
CTJ	CONTROL JOINT	FWC	FABRIC WALL COVERING	NTS	NOT TO SCALE	STL	STEEL	WR	WATER RESISTANT
CTR	COUNTER (-TOP)	GA	GAUGE	OC	ON CENTER	STR	STRUCTURE (-AL)	WRGB	WATER RESISTANT GYPSUM
DBL	DOUBLE	GALV	GALVANIZED	OD	OUTSIDE DIAMETER	STRG	STORAGE	WB	WALLBOARD
DET	DETAIL	GH	GARMENT HOOK	OPP	OPPOSITE	SV	SHEET VINYL FLOORING	WWF	WELDED WIRE FABRIC
		GMM	GLASS MESH MORTAR BOARD	PCMU	PRE-FACED CMU			W/	WITH

PLAN ANALYSIS Based on 2018 Edition of I.B.C.

Architect of Record: Laughlin Ricks Architecture, L.L.C.

Engineer: _____

Job Address: _____

Legal Description: _____

Occupancy Classification: F-1 Occupant Load Per Area: 111

Occupancy Use: LOCKER ROOM

Allowable Stories Per Code: 2 Provided: 2 (IBC Table 505.4) Total: 111

Floor Area: Basement: _____ 1st: 1,249 (TI) Exits Required: Basement: _____ 1st: 2

Mezzanine: _____ 3rd: _____ Total: 1,249 (TI) 2nd: 2 3rd: _____ 4th: _____

Total Required Exits Per Occupant Load: 2 (IBC Table 1006.3.2)

Actual furthest travel distance to exit: 106' (IBC Table 1017.2 & 1006.2.1)

Penetrations? Show Approved Listed Products on Plans: N/A

Type of Construction: II-B Allowable Building Height: 40'

Seismic Design Category: C Allowable Area Calc's: 15,500

Automatic Sprinkler System: Yes: _____ No: X (IBC Table 506.2)

Maximum Floor Area Allowed: 15,500 Exit Signs: Yes: X No: _____

Special Inspections Required? Yes: _____ No: X Emergency Lights: Yes: X No: _____

Firewalls Required? (Specify Type & Rating) Yes: (E) No: _____ Fire Extinguishers Shown: Yes: X No: _____

Occupancy Separation Use? Yes: _____ No: X Fire Hydrant Locations Shown: Yes: _____ No: X

Areas of Refuge Required? (IBC Section 1009.2.3,4) Yes: _____ No: X Vestibule Required: Yes: _____ No: X

Area Separation Required? Yes: (E) No: _____ Classified Areas? Yes: _____ No: X (Show on plans & Show Areas)

Fire Resistance Ratings of BLDG Elements : 0 (IBC Table 601) (Specify Rating)

Minimum Roof Class: C (IBC Table 1505.1) Exterior Wall Openings: N/A (IBC 705.8)

Fire Doors: (E) (IBC Table 716.1.2) Fire Alarm System: NO (IBC 907.2)

Fire Flow and Duration: N/A Corridor Width: 44" (IBC Table 1020.2)

Rated Structural Frame: Yes: _____ No: X Rated Corridors: Yes: _____ No: X (Roof Supports Only)

Rated Bearing Walls-Exterior: Yes: _____ No: X Rated Bearing Walls-Interior: Yes: _____ No: X

Rated Nonbearing Walls-Exterior: Yes: _____ No: X Rated Bearing Walls-Interior: Yes: _____ No: X (>30' Fire Separation)

Rated Nonbearing Walls-Exterior: Yes: _____ No: X Rated Nonbearing Walls-Interior: Yes: _____ No: X (10'-30' Fire Separation)

Rated Floor Construction: Yes: _____ No: X Rated Roof Construction: Yes: _____ No: X

Lighting Layout and COM Check? Yes: X No: _____

Comments: _____

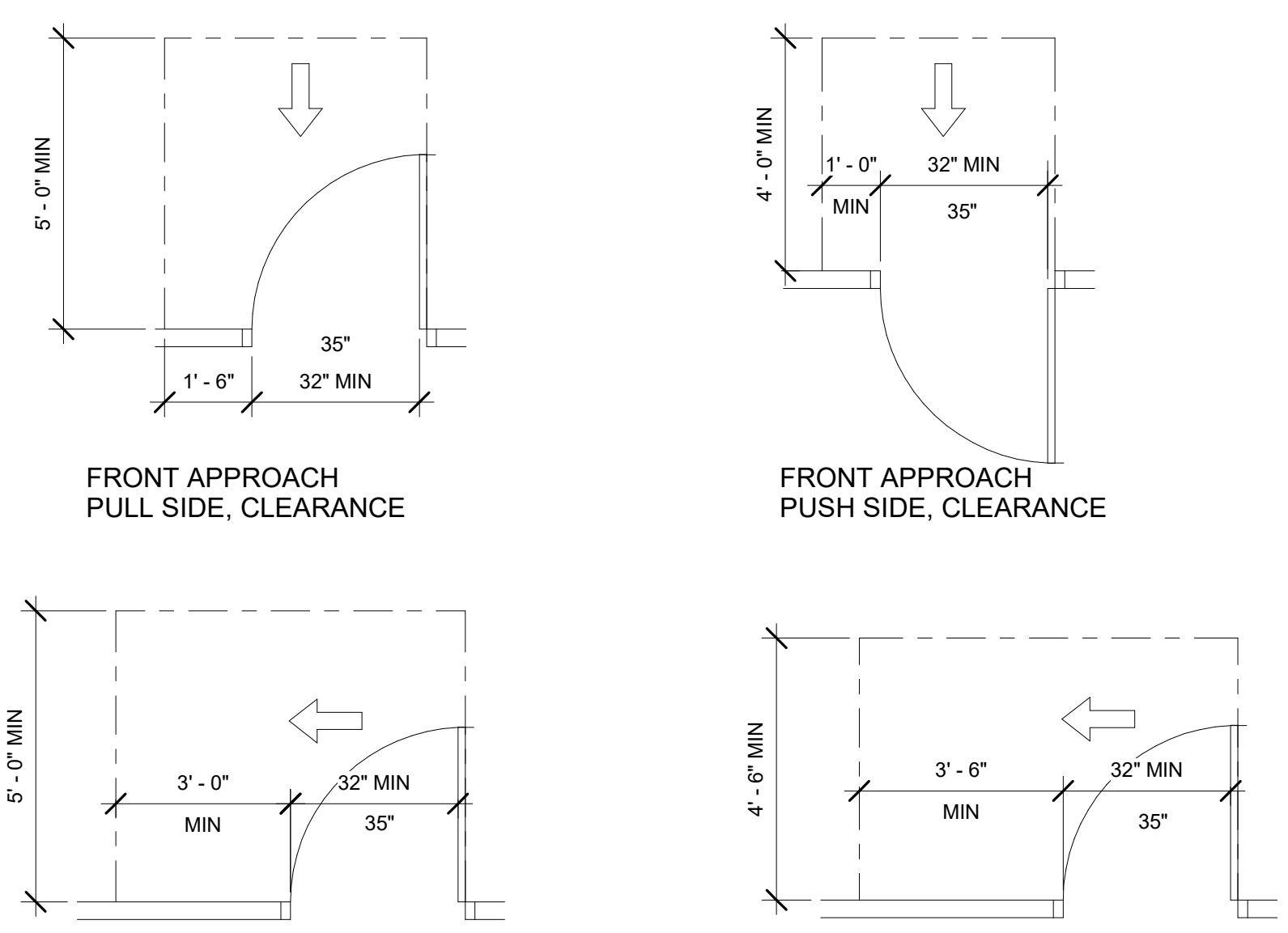
1 PHASE 1 PLAN ANALYSIS 1/4" = 1'-0"

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AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr E, Twin Falls, ID 83301
TITLE SHEET

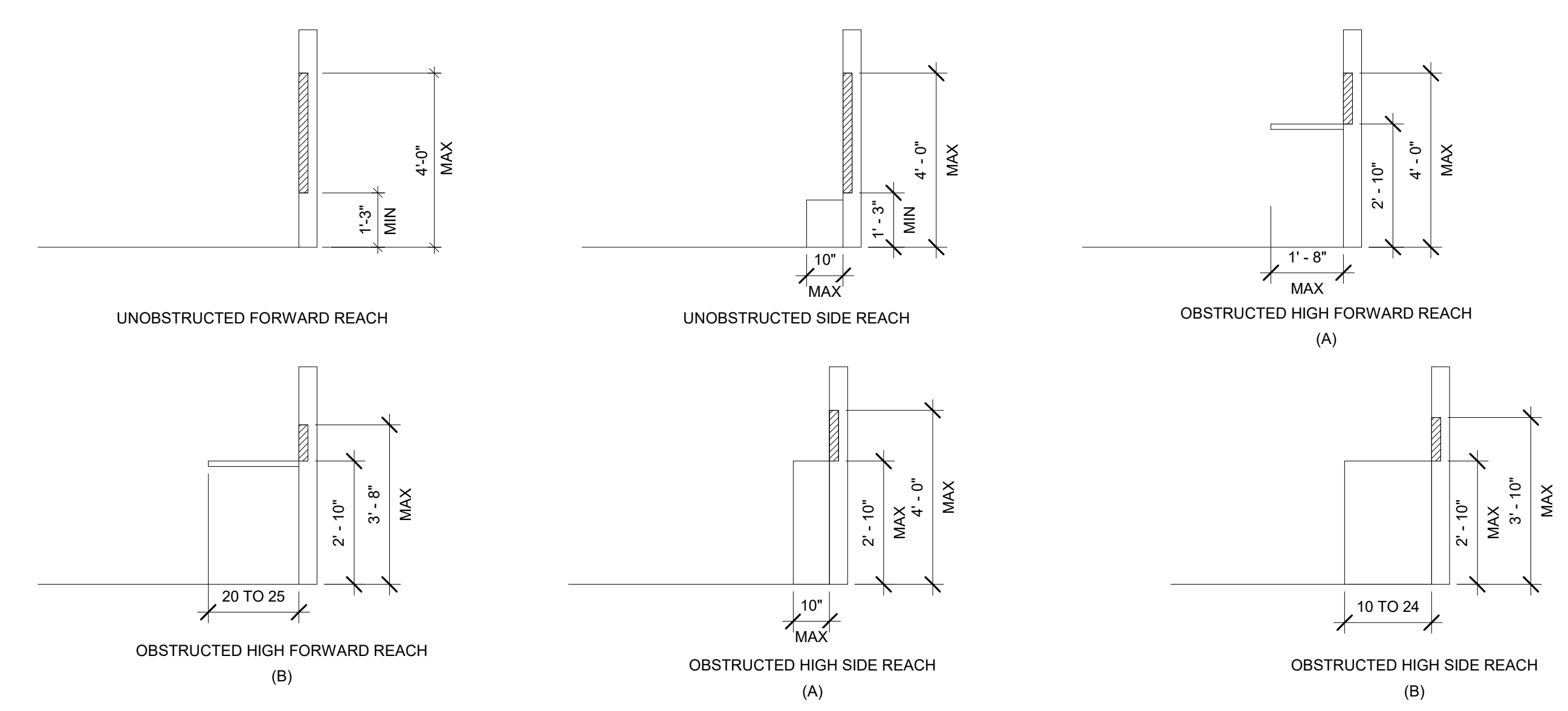
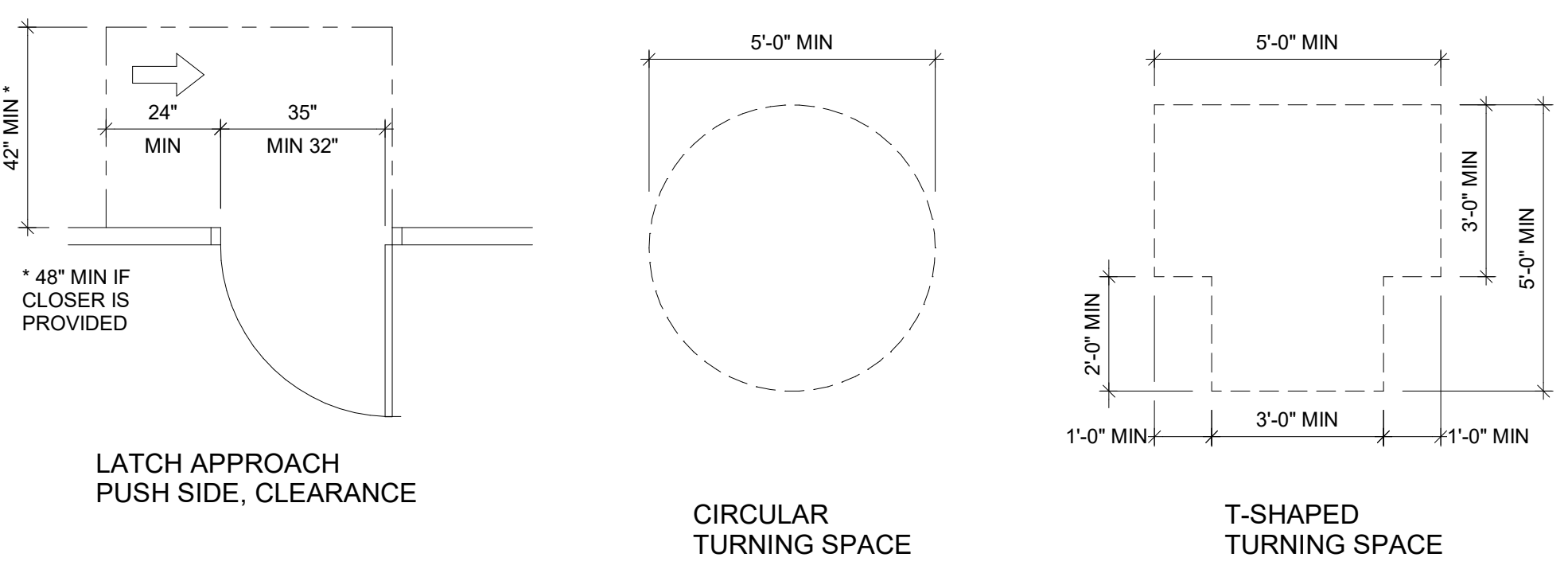
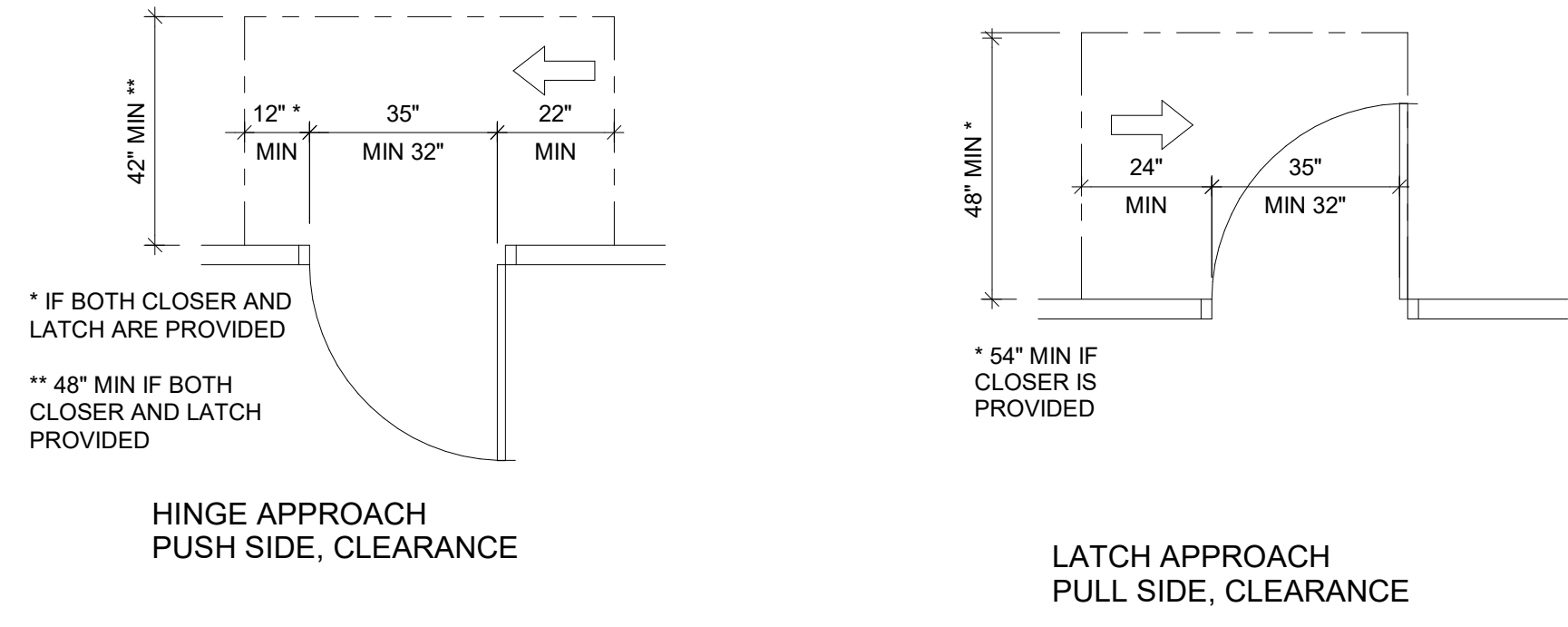
Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. # Twin Falls, Idaho 83301
PHONE: (208) 756-8050

DATE: 8-21-23
NM RCR
Drawn Checked

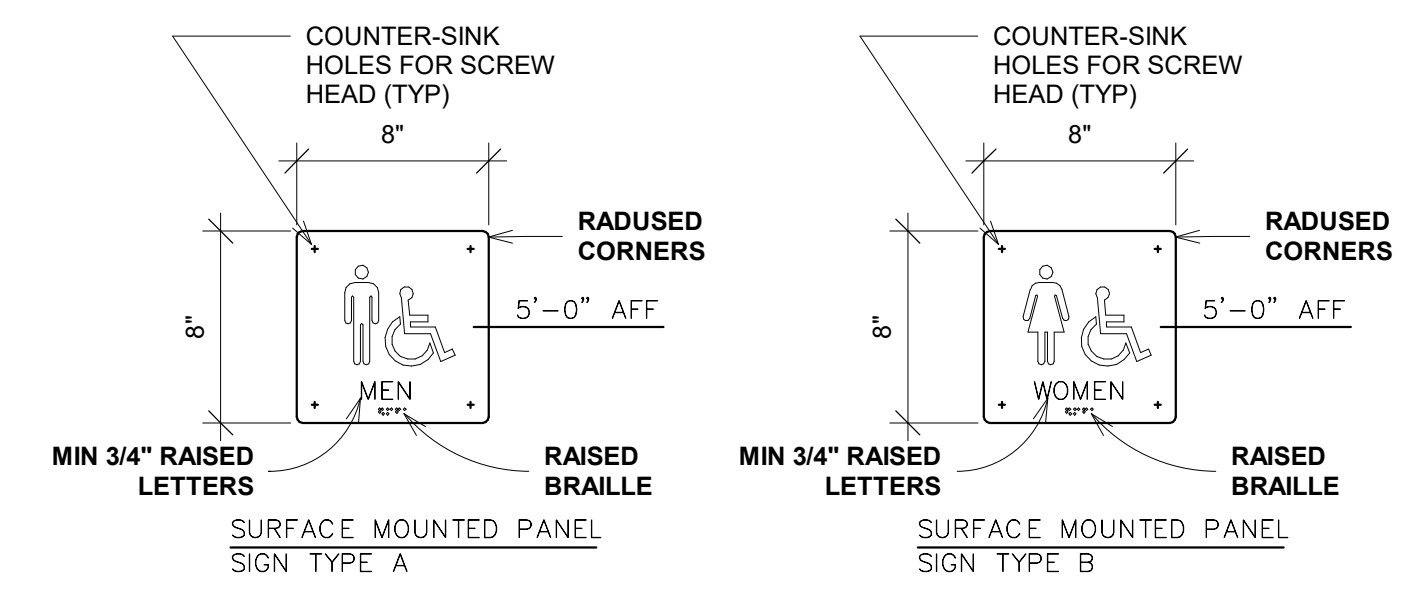
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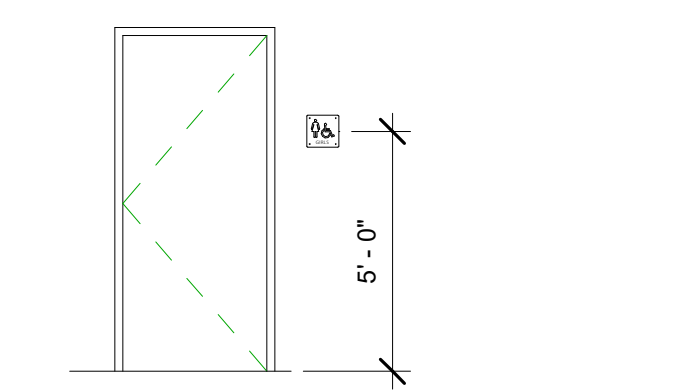
1 DOOR CLEARANCE REQUIREMENTS
 3/8" = 1'-0"



2 OPERABLE PARTS & REACH RANGES
 3/8" = 1'-0"



3 GENERAL- SIGNS
 1 1/2" = 1'-0"

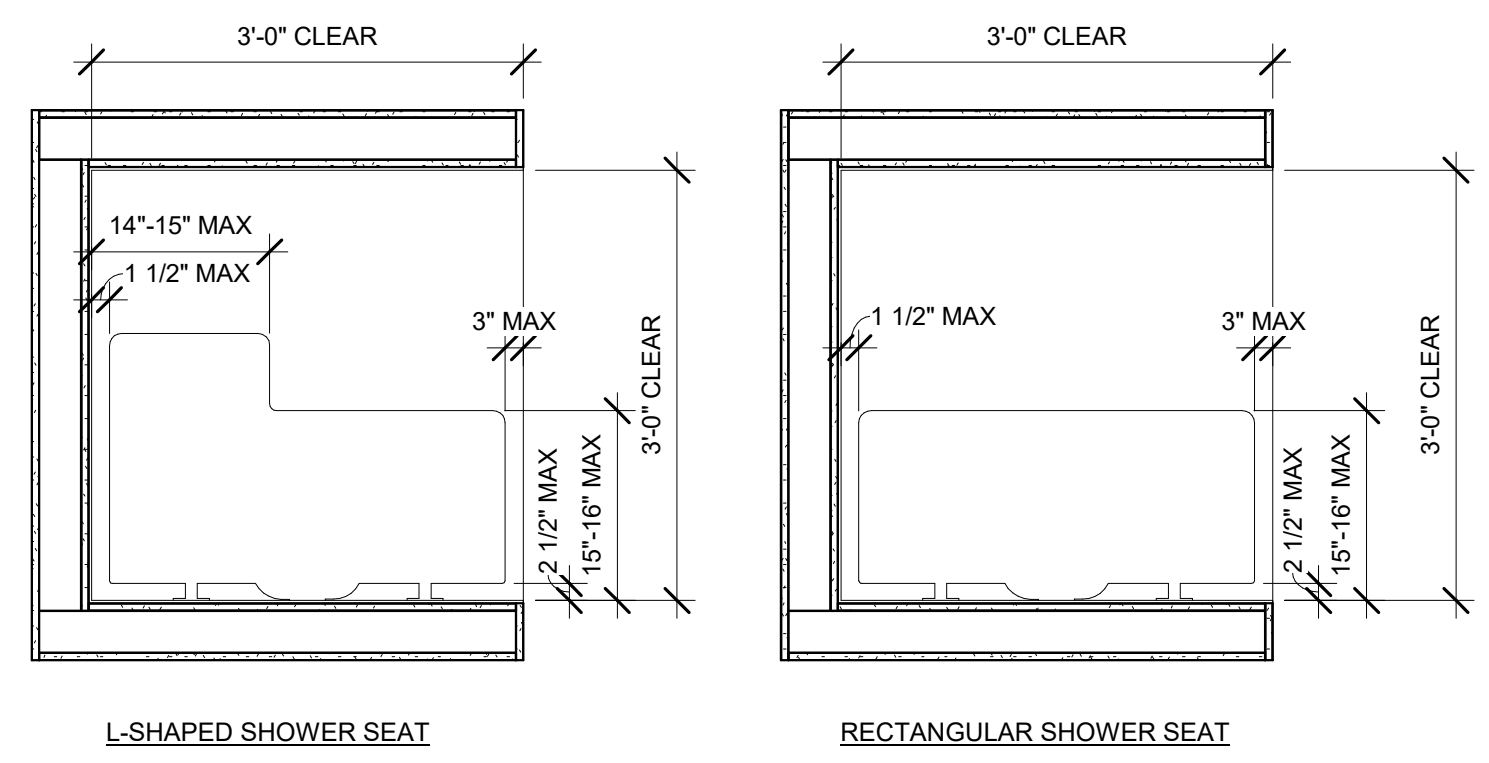


4 GENERAL- SIGN MOUNTING HEIGHT
 1/4" = 1'-0"

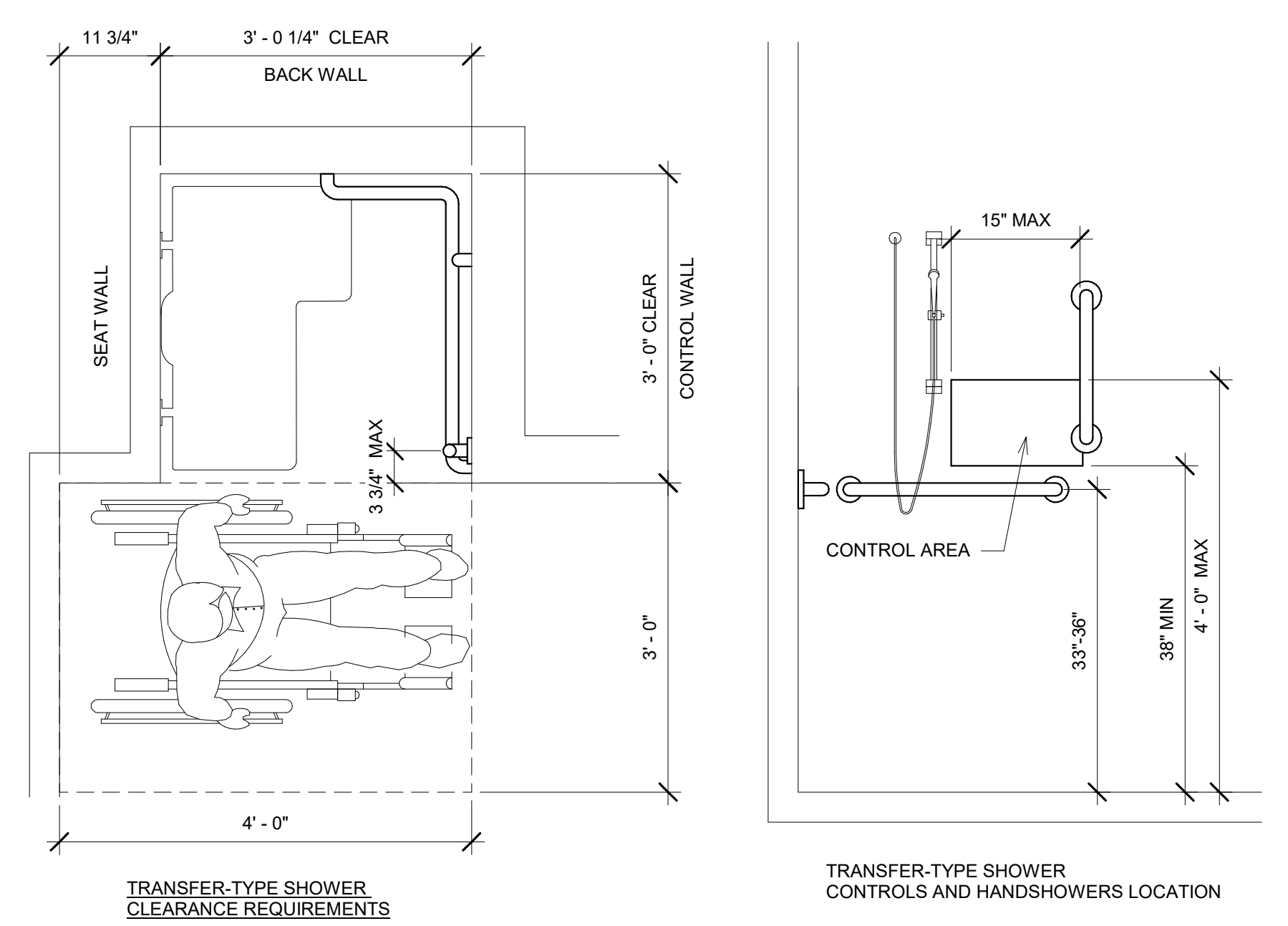
GRAB BARS:
 HORIZONTAL GRAB BARS SHALL BE PROVIDED ACROSS THE CONTROL WALL AND ON THE BACK WALL TO A POINT 18 INCHES FROM THE CONTROL WALL. A VERTICAL GRAB BAR 18 INCHES MINIMUM IN LENGTH SHALL BE PROVIDED ON THE CONTROL END WALL 3 INCHES MINIMUM AND 6 INCHES MAXIMUM ABOVE THE HORIZONTAL GRAB BAR, AND 4 INCHES MAXIMUM INWARD FROM THE FRONT EDGE OF THE SHOWER.

HEIGHT ABOVE FLOOR SHALL BE 33" MINIMUM AND 36" MAXIMUM ABOVE THE FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE

CONTROLS AND HAND SHOWER SHALL BE LOCATED ON THE CONTROL WALL OPPOSITE THE SEAT. AT A HEIGHT OF 38" MINIMUM AND 48" MAXIMUM ABOVE THE SHOWER FLOOR, AND 15" MAXIMUM, FROM THE CENTERLINE OF THE CONTROL WALL TOWARD THE SHOWER OPENING.



5 TRANSFER TYPE SHOWER DETAILS
 3/4" = 1'-0"



TRANSFER-TYPE SHOWER CLEARANCE REQUIREMENTS

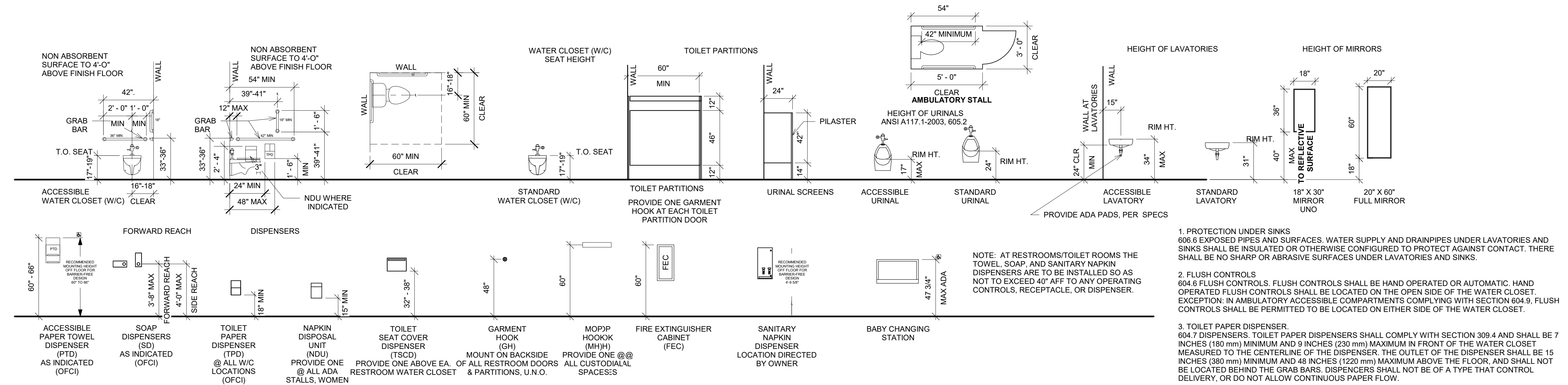
TRANSFER-TYPE SHOWER CONTROLS AND HANDSHOWERS LOCATION

DATE _____

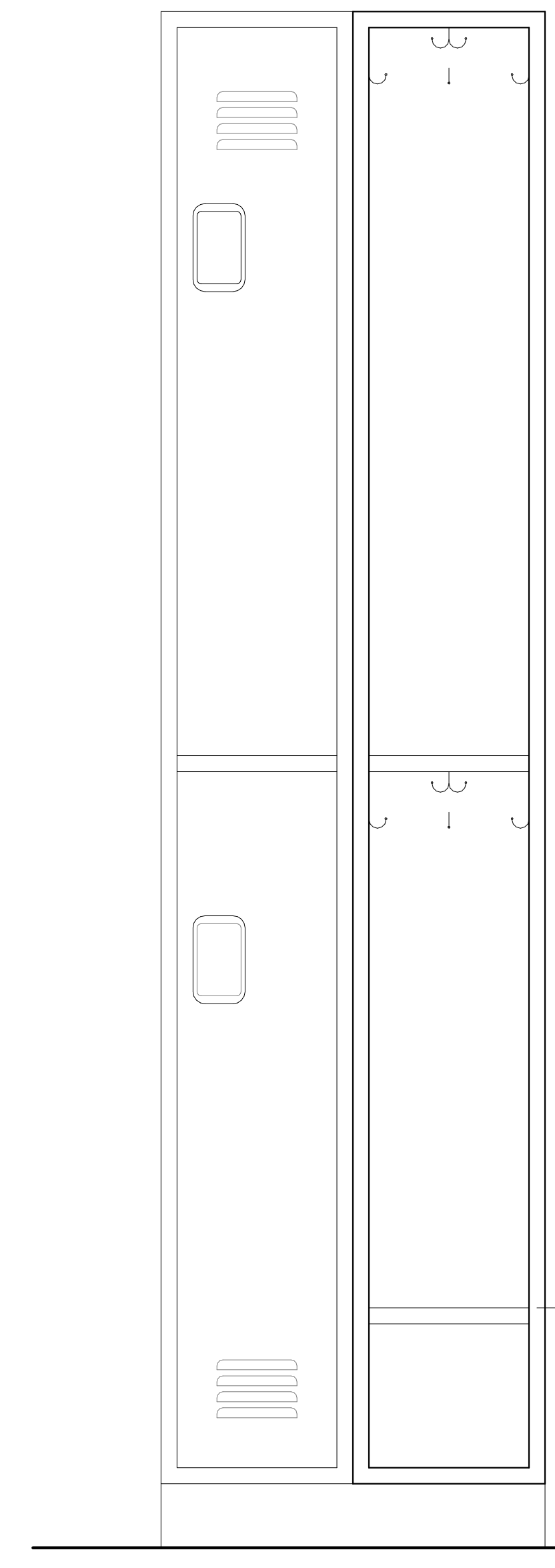
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 2320 Orchard Dr. E., Twin Falls, ID 83301
CODE REQUIREMENTS

Laughlin Ricks Architecture
 architecture/planning
 134 3RD AVE. E. • Twin Falls, Idaho 83301
 PHONE: (208) 756-8050

DATE: 8-21-23
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 Drawn: Checked

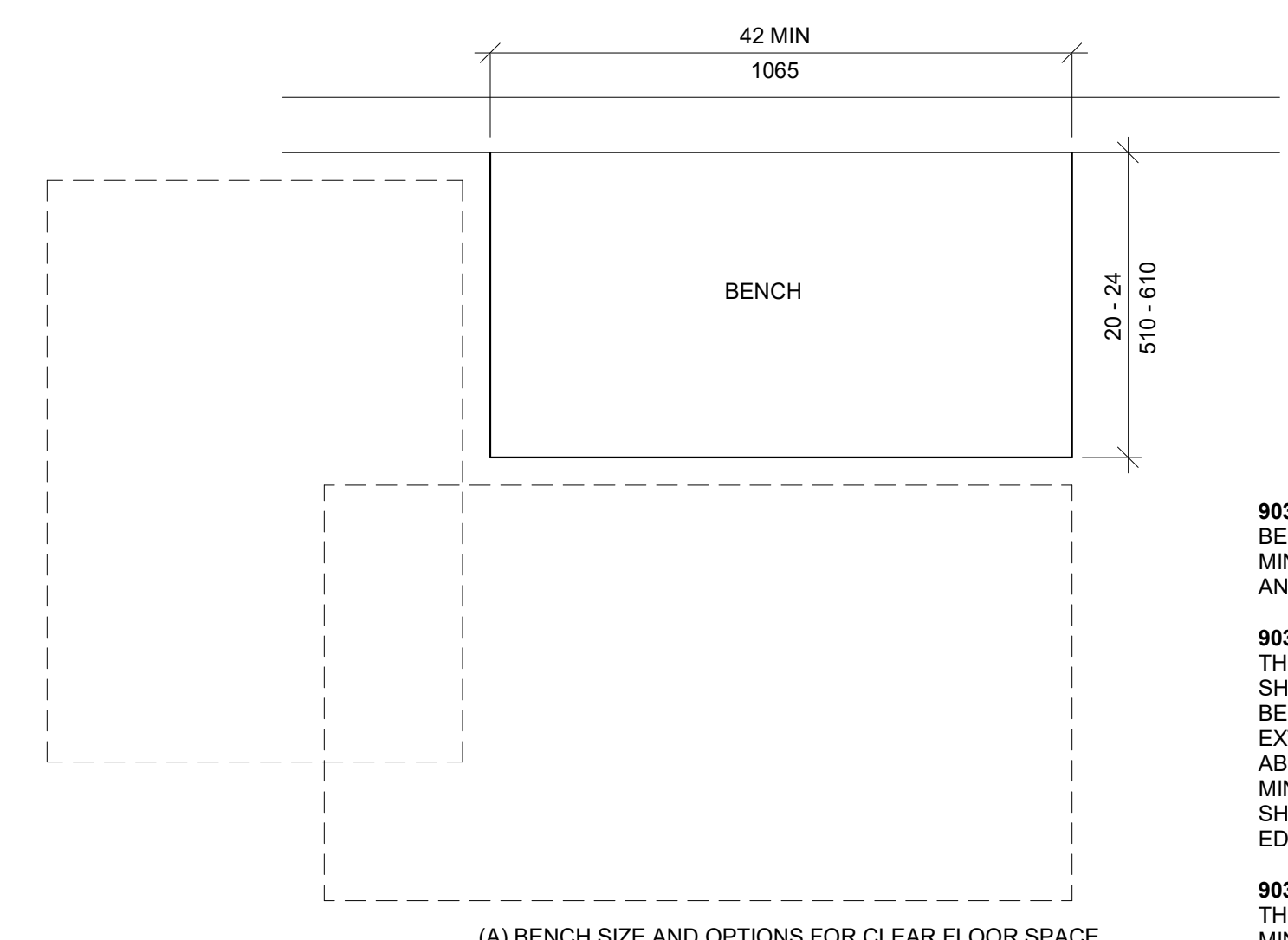


1 GENERAL - FIXTURE MOUNTING HEIGHTS
 1/4" = 1'-0"



2 DOUBLE TIER LOCKER DETAIL
 1 1/2" = 1'-0"

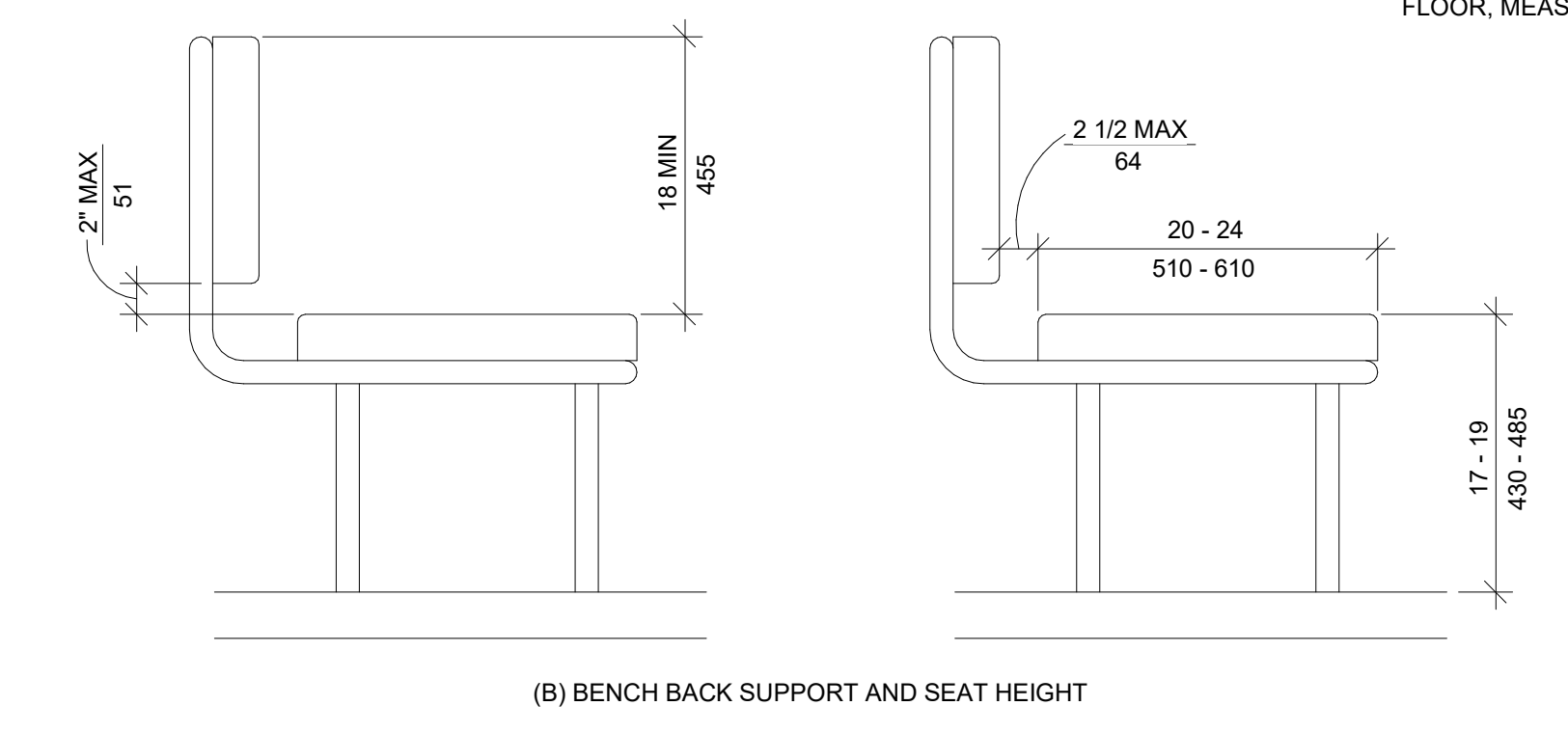
ON DOUBLE TIER LOCKERS, AN EXTRA SHELF NEEDS TO BE ADDED TO BRING THE BOTTOM OF THE LOCKER TO NO LOWER THAN 15" ABOVE THE FLOOR. ONLY THE LOWER OPENING MAY BE USED FOR ADA COMPLIANCE. EXTRA SHELVES CAN BE ORDERED AS OPTIONS UPON REQUEST. IN ADDITION, ONLY RECESSED HANDLES AND PULL HANDLES MEET THE ADA SPECIFICATIONS.



903.3 SIZE.
 BENCHES SHALL HAVE SEATS 42 INCHES (1065MM) MINIMUM IN LENGTH, AND 20 INCHES (510 MM) MINIMUM AND 24 INCHES (610 MM) MAXIMUM IN DEPTH.

903.4 BACK SUPPORT.
 THE BENCH SHALL PROVIDE FOR BACK SUPPORT OR SHALL BE AFFIXED TO A WALL. BACK SUPPORT SHALL BE 42 INCHES (1065 MM) MINIMUM IN LENGTH AND SHALL EXTEND FROM A POINT 2 INCHES (51 MM) MAXIMUM ABOVE THE SEAT SURFACE TO A POINT 18 INCHES (455 MM) MINIMUM ABOVE THE SEAT SURFACE. BACK SUPPORT SHALL BE 2 1/2 INCHES (64 MM) MAXIMUM FROM THE REAR EDGE OF THE SEAT MEASURED HORIZONTALLY.

903.5 HEIGHT.
 THE TOP OF THE BENCH SEAT SHALL BE 17 INCHES (430 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM ABOVE THE FLOOR, MEASURED TO THE TOP OF THE SEAT.



3 ACCESSIBLE BENCH
 1" = 1'-0"

FILE PATH: C:\Users\james\Documents\13122-TASC@Locker Room Lift Station.dwg
DATE: 9/20/2023 2:52 PM
SCALE: 1/2"=1'-0"
DATE: 9/20/2023 2:52 PM
SCALE: 1/2"=1'-0"
DATE: 9/20/2023 2:52 PM
SCALE: 1/2"=1'-0"

- GENERAL**
- CONTRACTOR SHALL FOLLOW THE ISPCWC FOR ANY WORK DONE WITHIN THE PUBLIC RIGHTS OF WAY.
 - CONTRACTOR SHALL FOLLOW ISPCWC SPECIFICATIONS.
 - CONTRACTOR SHALL NOTIFY "DIG LINE" AT LEAST 72 HOURS BEFORE EXCAVATING.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY; CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
 - ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS.
 - AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES SHALL BE STABILIZED WITH PLANTINGS OF OTHERWISE PERMITTED SPECIES ON WHICH OR LEASED AS DIRECTED BY THE ARCHITECT OR OWNER.
 - WITHIN THE LIMITS OF THE FOOTING PRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
 - WORK WITHIN THE RIGHT OF WAY SHALL CONFORM TO THE LATEST EDITION OF THE IDAHO TRANSPORTATION DEPARTMENT (ITD) STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 - UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
 - TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - AREA OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
 - IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL OBSERVATION OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
 - CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM ENTERING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
 - DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE PREVENTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
 - CONTRACTOR SHALL CONTROL STORM WATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFFSITE AREA, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE, IF ANY, AT NO COST TO OWNER.
 - THE CONTRACTOR SHALL EVALUATE ANY DEWATERING REQUIRED BY THE WORK TO DETERMINE IF DEWATERING UNDER THE ENVIRONMENTAL PROTECTION AGENCY (EPA) DEWATERING GENERAL PERMIT (DGP) IS REQUIRED FOR DEWATERING DISCHARGE. IF COVERAGE IS REQUIRED UNDER THE DGP, PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL FILE A DGP NOTICE OF INTENT WITH THE EPA FOR CONSTRUCTION DEWATERING ACTIVITIES AND COMPLY WITH ALL PERMIT REQUIREMENTS THEREIN; CONTRACTOR SHALL CONFORM THE OWNER HAS ALSO FILED A NOTICE OF INTENT.

- UTILITIES**
- THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE HAS NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
 - WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT. IF CONTRACTOR FAILS TO DO THIS PRIOR TO BEGINNING ADDITIONAL WORK, RELEASE OF OWNER FROM OBLIGATION FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
 - SET INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS. IF NOT SHOWN ON PLAN, FIELD LOCATE AND SLOPE ACCORDING TO THE LOCAL AUTHORIZING AUTHORITY.
 - RIM ELEVATIONS FOR MANHOLES AND SEWER CLEANOUTS, WATER VALVE COVERS, ELECTRIC AND TELEPHONE PULL BOXES AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
 - PAVEMENTS AND CONCRETE SURFACES: FLUSH
 - ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
 - LANDSCAPE, LOAD AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION
 - THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
 - CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
 - UTILITY PIPE MATERIALS SHALL BE ACCORDING TO THE LOCAL AUTHORIZING AUTHORITY, PLUMBING CODE AND THE OWNER, AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
 - STORM SEWER SHALL BE POLYVINYL CHLORIDE (PVC) SDR-26
 - CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FINISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS, SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASUREMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.

- LAYOUT AND MATERIALS**
- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKING, UNLESS OTHERWISE NOTED.
 - SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, ETC.
 - PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A LICENSED LAND SURVEYOR.
 - SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

- CONSTRUCTION SEQUENCE**
- SURVEY AND STAKE LIMITS OF DISTURBANCE.
 - INSTALL EROSION CONTROL BARRIERS, CONSTRUCTION DITCHES, PRIOR TO START OF CONSTRUCTION, TO BE MAINTAINED UNTIL COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER.
 - CLEAR ALL AREAS TO BE DISTURBED BY CONSTRUCTION AND PERFORM DEMOLITION OPERATIONS.
 - REPAIR, CLEAN, AND REPLACE AND SEDIMENT CONTROLS DAMAGED DURING AND/OR AFTER RAINFALL EVENTS.
 - STRIP LOAM AND PAVEMENT, OR RECLAIM PAVEMENT WITHIN LIMITS OF WORK AND STOCKPILE EXCESS MATERIAL.
 - CONSTRUCT TEMPORARY SEDIMENTATION BASINS AS REQUIRED.
 - PERFORM PRELIMINARY SITE GRADING AND CONSTRUCT TEMPORARY DIVERSION SWALES AS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE PRELIMINARY GRADING ALLOWS SURFACE WATER RUN-OFF FROM UNSTABILIZED AREA TO FLOW TOWARDS THE TEMPORARY SEDIMENTATION BASINS.
 - PREPARE BUILDING PAD TO ENABLE BUILDING CONSTRUCTION TO BEGIN.
 - INSTALL SEWER SERVICE, WATER SERVICE, AND OTHER UTILITIES IN ACCORDANCE WITH THE PLANS AND DETAILS.
 - PERFORM FINAL/FINE GRADINGS INCLUDING SLOPE STABILIZATION BLANKETS WHERE REQUIRED.
 - PERFORM ALL REMAINING SITE CONSTRUCTION.
 - LOAM AND SEED OR PLANT ALL REMAINING DISTURBED AREA.
 - REMOVE TEMPORARY EROSION CONTROL MEASURES, SILT FENCE, UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF STABILIZED PERMANENT GROUND COVER.
 - CLEAN ALL DRAINAGE WAYS AND PIPES WITHIN THE PROJECT LIMITS OF ALL SILT AND DEBRIS.

- INSPECTIONS**
- ALL WORK DONE INCLUDING TRENCHING, BACKFILL, COMPACTION, WATER CONNECTION, SEWER CONNECTION, WATER METER INSTALLATION, STORM SEWER CONNECTION, ETC. WILL BE INSPECTED BY A REPRESENTATIVE FROM ENGINEER OF RECORD.

LOCKER ROOM LIFT STATION

CIVIL DRAWINGS

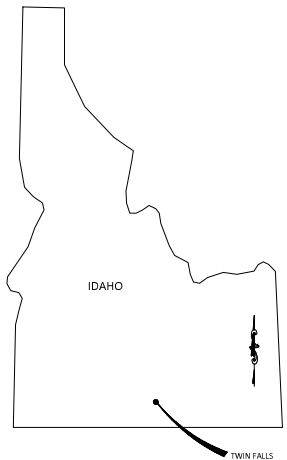
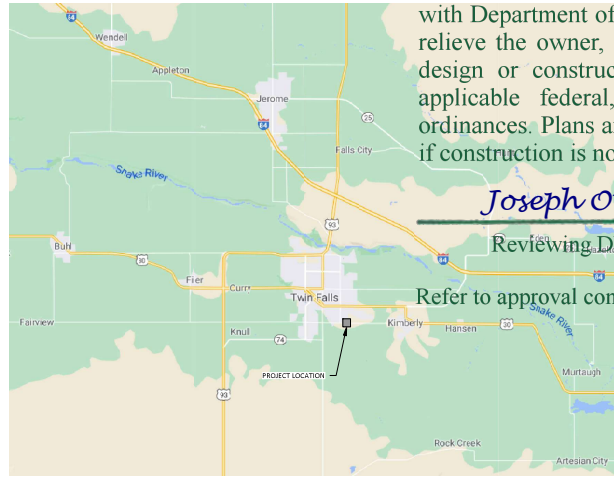
AMALGAMATED SUGAR CO, TWIN FALLS



PLANS & SPECIFICATIONS REVIEW

Sep-23

VICINITY MAP



These plans and/or specifications have been reviewed for compliance with Department of Environmental Quality rules. This review does not relieve the owner, engineer, or the contractor of the responsibility to design or construct these facilities in compliance with all current applicable federal, state, and local laws, rules, regulations, or ordinances. Plans and/or specifications must be resubmitted for review if construction is not completed within only one approval date.

Joseph Otero, P.E.

Oct 31, 2023

Reviewing DEQ Engineer:

Approval Date:

Refer to approval conditions in letter to:



- LEGEND**
- BUILDING
 - CONCRETE
 - CURB & GUTTER - CATCH
 - ELECTRICAL BOX
 - FENCE - WOOD
 - GAS
 - GAS METER
 - MANHOLE
 - OVERHEAD ELECTRIC
 - POWER POLE
 - PROPERTY LINE
 - PROPERTY MARKER
 - STORM WATER
 - IN CURB STORM WATER CATCH BASIN
 - IN ASPHALT STORM WATER CATCH BASIN
 - IN GRASS STORM WATER CATCH BASIN
 - SEWER
 - SEWER CONNECTION
 - UNDERGROUND ELECTRIC
 - WATER VALVE
 - WATER LINE
 - WATER METER
 - FIRE HYDRANT
 - CONTOUR LINE
 - RXX' RADIUS OF CURB
 - PHONE LINE
 - FIBER OPTIC LINE

CIVIL ABBREVIATIONS

AND APPROXIMATE AT	APPROX	MINIMUM	NOT TO SCALE	MINI
BENCH MARK	BM	NUMBER	NORTH/NORTHING	NTS
COMMUNICATION	COM	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	NO. OR #	O.S.H.A.
CONCRETE	CONC.	ON CENTER	NO. OR #	O.S.H.A.
CONTROL POINT	CP	POLYVINYL CHLORIDE	O.C.	PVC
DIAMETER	Ø	DIAGRAM	DIAG	DIAG
DUCTILE IRON	DI OR D	SIDEWALK	SW	SW
EMERGENCY	EM	STANDARD SPECIFICATION	STD	STD
ELEVATION	EL OR ELEV	STATION	STA	STA
EMITTING	EMIT	TOP BACK OF CURB	TBC	TBC
FEET/FOOT	FT	TYPICAL	TYP	TYP
FLOWLINE	FL	WEST	W	W
INVERT ELEVATION	IE OR IN			
IRIGATION	IR			
MAXIMUM	MAX			

CLIENT

AMALGAMATED SUGAR CO

TWIN FALLS PLANT

NOESIS ENGINEERING
1715 CABELLARO DR
AMMON, ID 83406
(208) 932-2720 (PHONE)

DATE	9/20/2023
DATE	9/20/2023
DATE	9/20/2023
DATE	

ALWAYS THINK SAFETY

LOCKER ROOM LIFT STATION

AMALGAMATED SUGAR CO, TWIN FALLS, IDAHO

THIS DOCUMENT WAS ELECTRONICALLY SIGNED. THE DIGITAL CERTIFICATE IS IDENTIFIED ON THE 1ST PAGE OF THE ORIGINAL FILE. THE ORIGINAL DOCUMENT IS LOCATED AT NOESIS ENGINEERING SERVICES, PC HOME OFFICE SERVER UNDER THE JOB NUMBER FOLDER/0 ORIGINAL DOCUMENTS.



RECEIVED

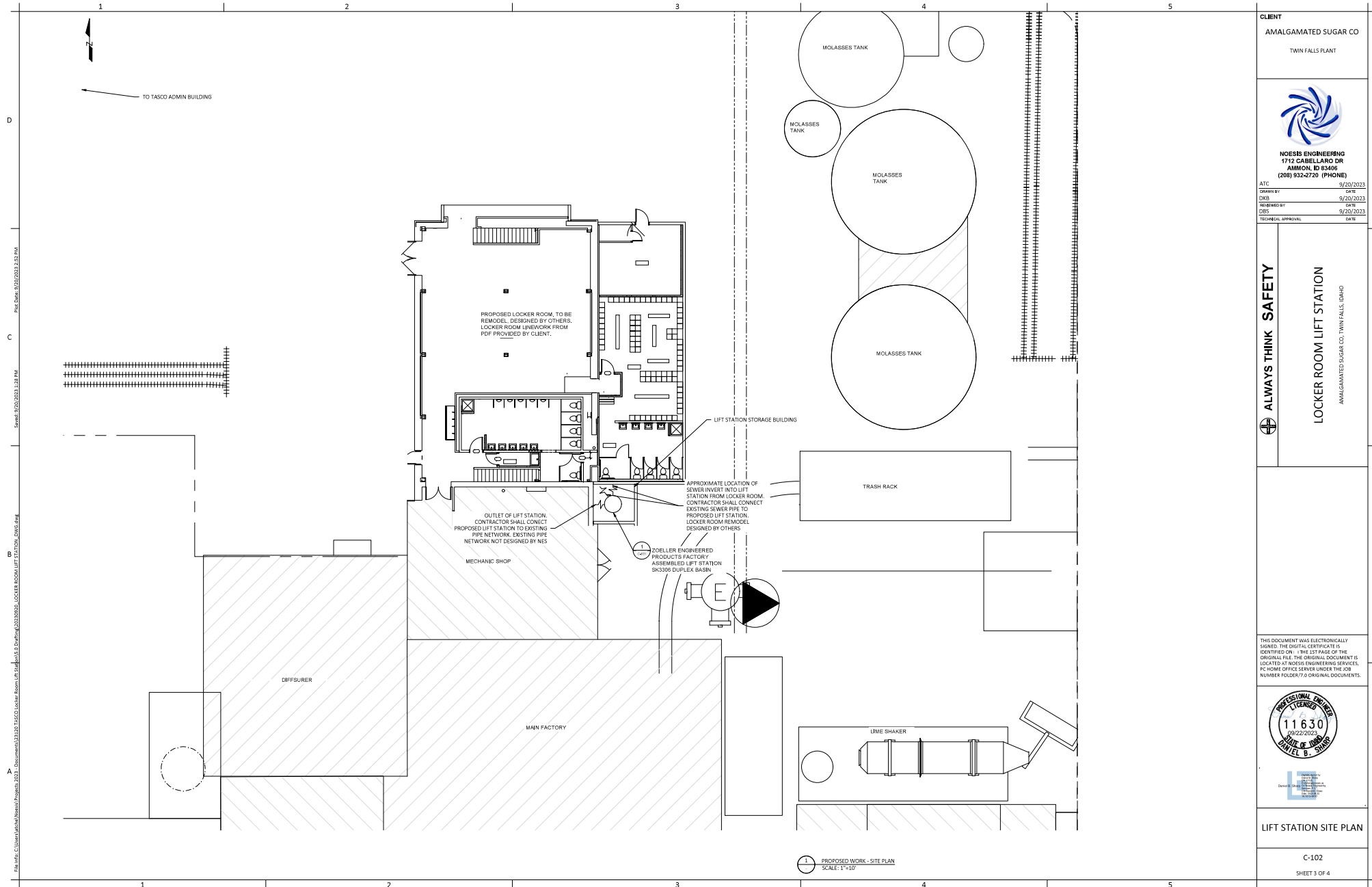
Oct 20, 2023

DEQ Twin Falls Regional Office

COVER SHEET

C-001

SHEET 1 OF 4



File Path: C:\Users\jacob\My Documents\Projects\2023 - Documents\311212 TASCO Locker Room Lift Station\311212 TASCO Locker Room Lift Station\Locker Room Lift Station.dwg
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 Date: 9/20/2023 1:28 PM
 Plot Date: 9/20/2023 2:52 PM

CLIENT
 AMALGAMATED SUGAR CO
 TWIN FALLS PLANT

NOESIS ENGINEERING
 1717 CABELLARO DR
 AMMON, ID 83406
 (208) 932-2720 (PHONE)

ATC	DATE	9/20/2023
DRAWN BY	DATE	9/20/2023
DKB	DATE	9/20/2023
REVIEWED BY	DATE	9/20/2023
DJS	DATE	9/20/2023
TECHNICAL APPROVAL	DATE	

ALWAYS THINK SAFETY

LOCKER ROOM LIFT STATION
 AMALGAMATED SUGAR CO, TWIN FALLS, IDAHO

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PROFESSIONAL ENGINEER
 LICENSE
 11630
 08/22/2025
 STATE OF IDAHO
 DANIEL B. SMITH

LIFT STATION SITE PLAN
 C-102
 SHEET 3 OF 4

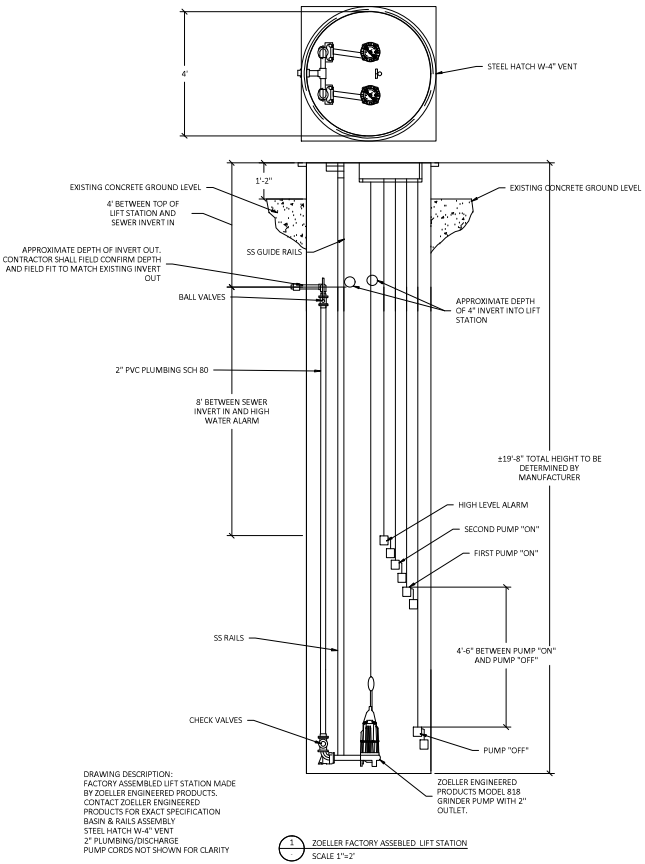
D

C

B

A

File Path: C:\Users\jacob\OneDrive\Projects\2023 - Documents\311321-TASCO Locker Room Lift Station\Locker Room Lift Station.dwg
 User: jacob@noesis.com
 Date: 9/20/2023 2:52 PM
 Plot Date: 9/20/2023 2:52 PM



DRAWING DESCRIPTION:
 FACTORY ASSEMBLED LIFT STATION MADE BY ZOELLER ENGINEERED PRODUCTS. CONTACT ZOELLER ENGINEERED PRODUCTS FOR EXACT SPECIFICATION. BASIN & RAILS ASSEMBLY. STEEL HATCH W-4\"/>

1 ZOELLER FACTORY ASSEMBLED LIFT STATION
 SCALE 1"=2'

CLIENT
 AMALGAMATED SUGAR CO
 TWIN FALLS PLANT



NOESIS ENGINEERING
 1717 CABELLARO DR
 AMMON, ID 83406
 (208) 932-2720 (PHONE)

ATC	9/20/2023
DRAWN BY	DATE
DKB	9/20/2023
REVIEWED BY	DATE
DIS	9/20/2023
TECHNICAL APPROVAL	DATE

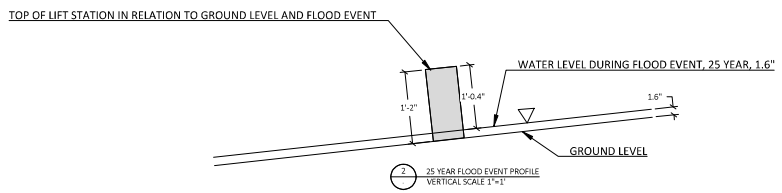
ALWAYS THINK SAFETY
 LOCKER ROOM LIFT STATION
 AMALGAMATED SUGAR CO, TWIN FALLS, IDAHO

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DETAILS

C-501
 SHEET 4 OF 4



1 25 YEAR FLOOD EVENT SITE PLAN
SCALE: 1"=20'

NOTES

1. CONTOURS SHOWN ARE FROM PUBLICLY AVAILABLE DATA.
2. LIFT STATION AND EQUIPMENT ARE A MIN 14" ABOVE GROUND LEVEL.
3. 25 YEAR FLOOD EVENT IS 1.6" IN 24 HOURS.

File Path: C:\Users\jsharps\My Projects\2023 - Documents\311325 TASC\Locker Room Lift Station\311325-LOCKER ROOM LIFT STATION.dwg
 User: jsharps
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 Plot Date: 10/19/2023 1:18 PM

CLIENT
 AMALGAMATED SUGAR CO
 TWIN FALLS PLANT

NEISIS ENGINEERING
 1712 CABELLARO DR
 AMMON, ID 83406
 (208) 932-2720 (PHONE)

DESIGNED BY	DATE
DKS	10/19/2023
REVIEWED BY	DATE
DIS	10/19/2023
TECHNICAL APPROVAL	DATE

ALWAYS THINK SAFETY

LOCKER ROOM LIFT STATION
 AMALGAMATED SUGAR CO, TWIN FALLS, IDAHO

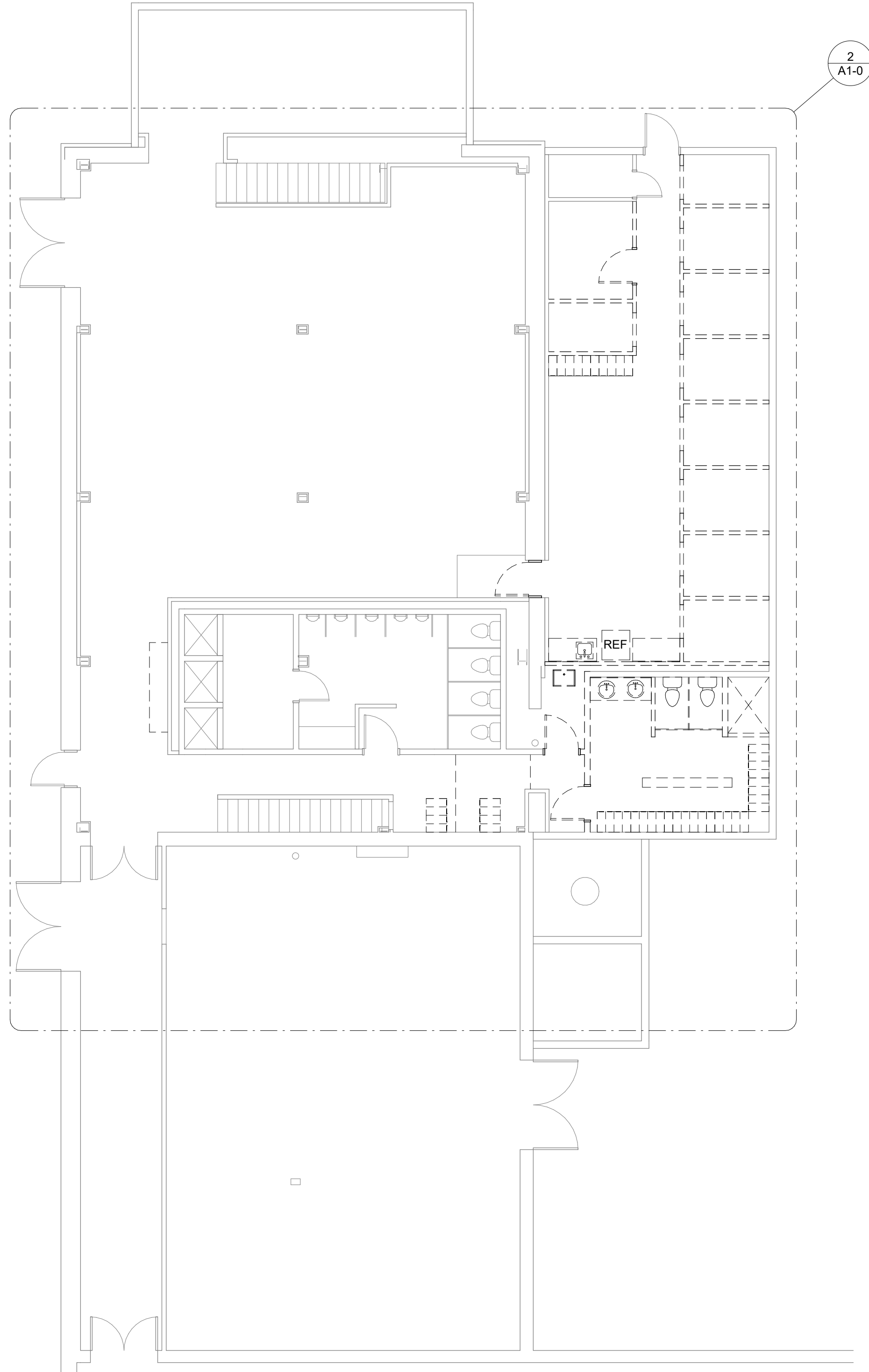
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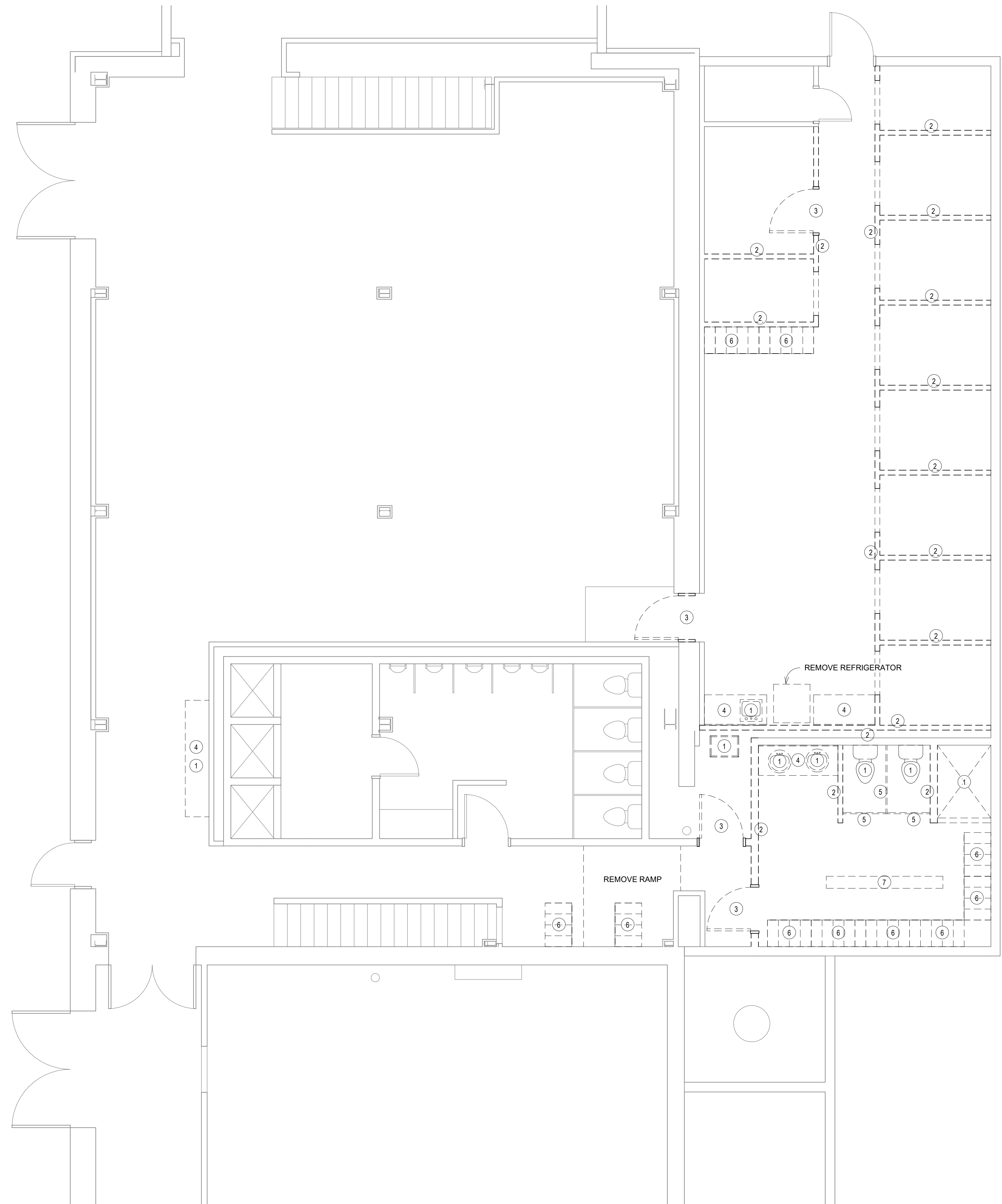
Daniel B. Sharp, P.E.
 1015 W. 12th Street
 Twin Falls, ID 83406
 (208) 338-1200

25 YEAR FLOOD EVENT SITE PLAN

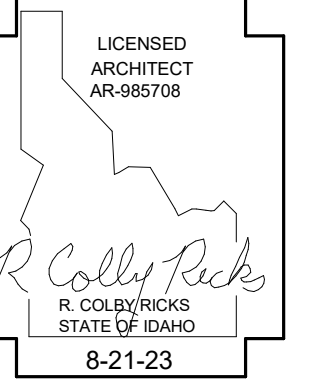
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Key Value	Keynote Text
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2	REMOVE WALL IN ITS ENTIRETY AS SHOWN BY DASHED LINES
3	REMOVE DOOR SYSTEM IN ITS ENTIRETY
4	REMOVE CASEWORK IN ITS ENTIRETY
5	REMOVE PARTITION
6	REMOVE LOCKERS
7	REMOVE BENCH



① PHASE 1 DEMO FLOOR PLAN
1/8" = 1'-0"



② PHASE 1 DEMO FLOOR PLAN - Callout 1
1/4" = 1'-0"



DATE _____

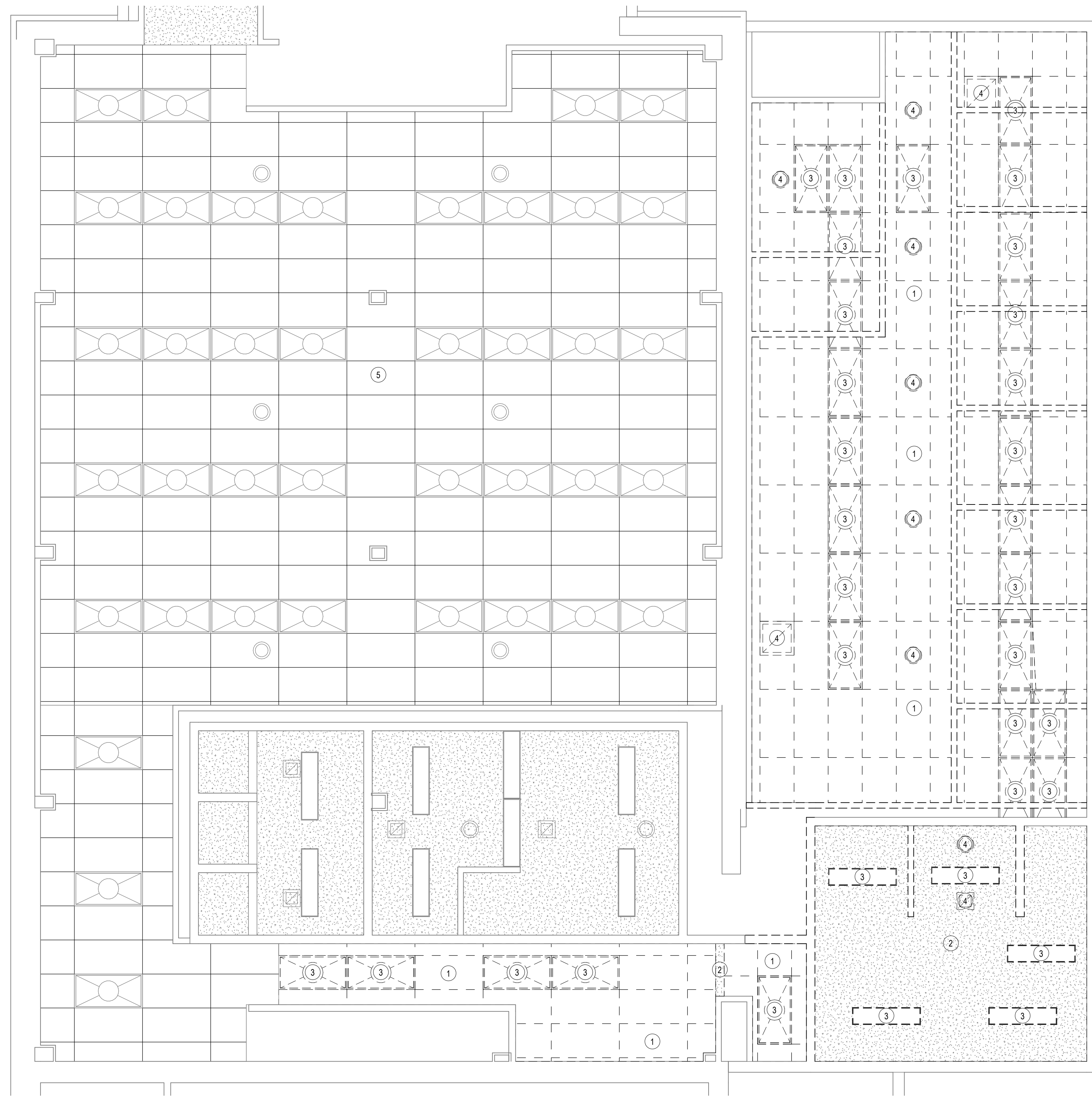
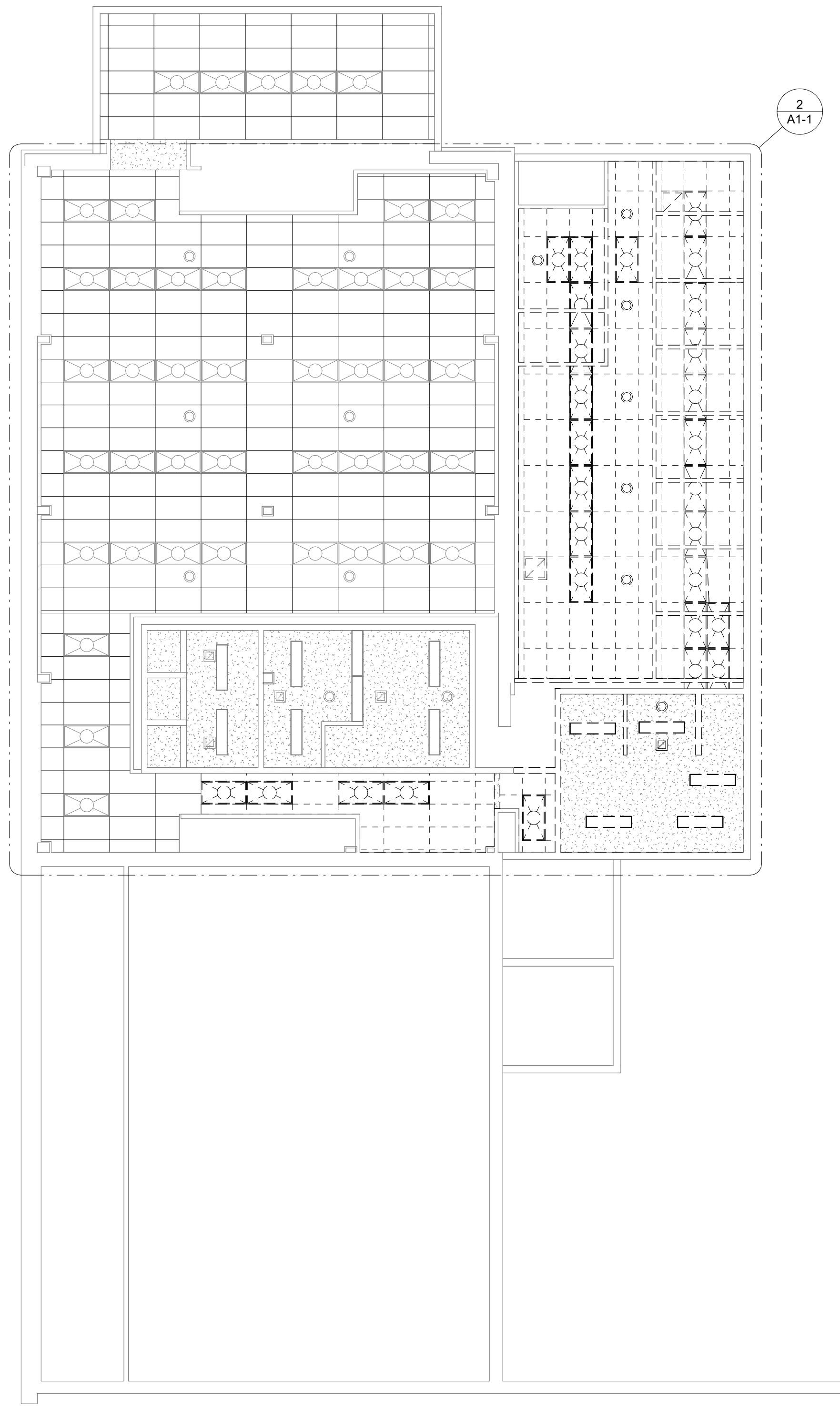
A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
 2320 Orchard Dr. E., Twin Falls, ID 83301
DEMO FLOOR PLAN

Laughlin Ricks Architecture
 architecture/planning
 134 3RD AVE. E. • Twin Falls, Idaho 83301
 PHONE: (208) 756-8050

DATE: 8-21-23
 NM: RCR
 Drawn: _____
 Checked: _____

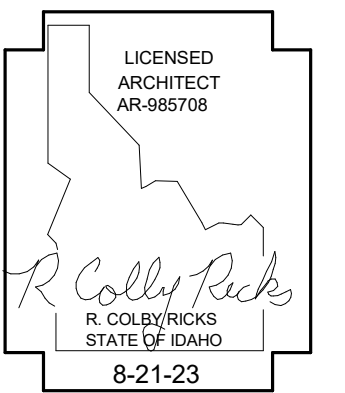
A1-0

Keynote Legend	
Key Value	Keynote Text
1	REMOVE 2X4 ACT GRID
2	REMOVE GYP BD CEILING
3	REMOVE LIGHT FIXTURE
4	REMOVE MECHANICAL FIXTURE
5	LEAVE (E) GRID, MODIFY AS REQUIRED



① PHASE 1 DEMO CEILING
1/8" = 1'-0"

② PHASE 1 DEMO CEILING - Callout 1
1/4" = 1'-0"



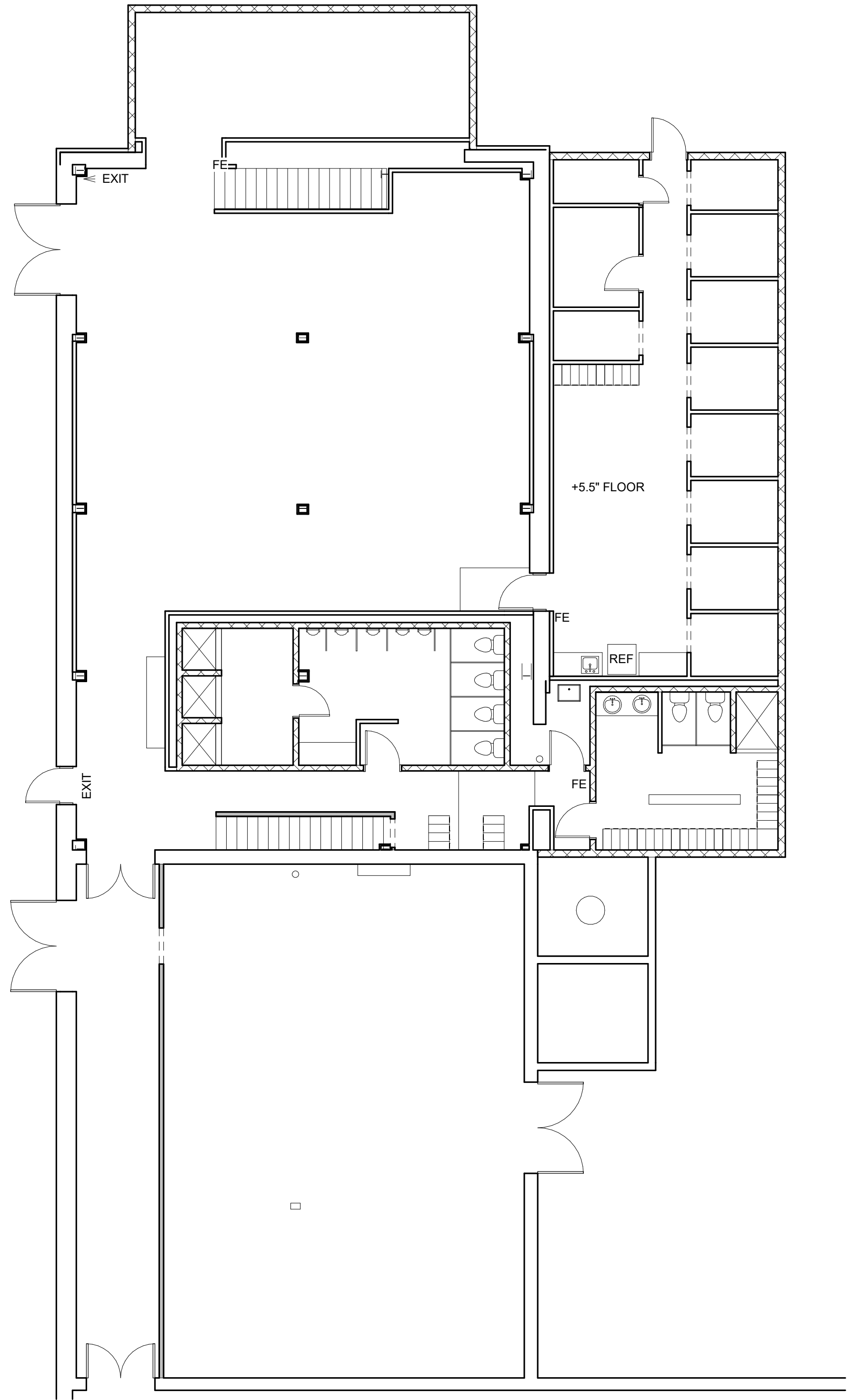
DATE _____

A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
 2320 Orchard Dr. E., Twin Falls, ID 83301
DEMO CEILING PLAN

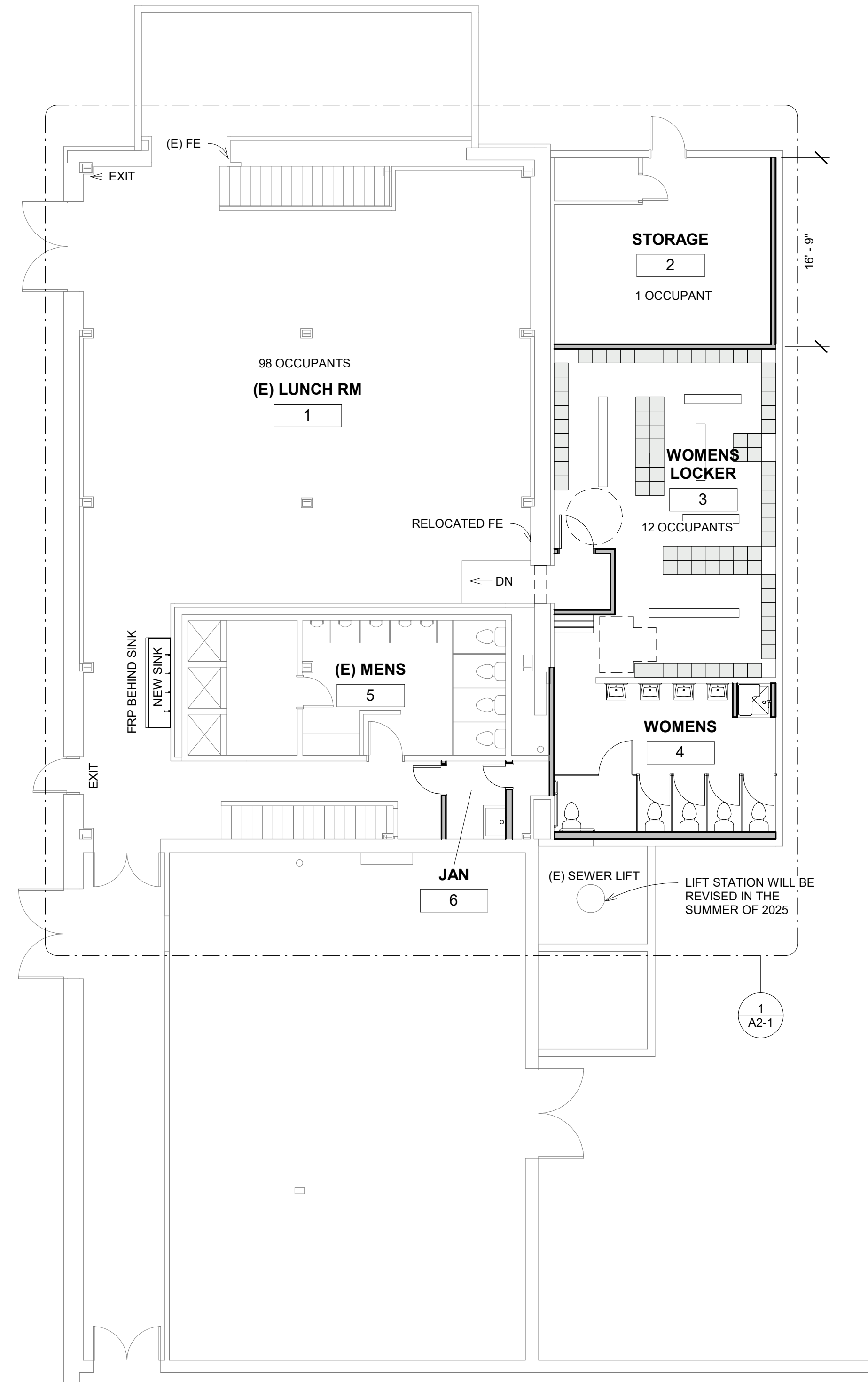
Laughlin Ricks Architecture
 architecture/planning
 134 3RD AVE. E. • Twin Falls, Idaho 83301
 PHONE: (208) 756-8050

DATE: 8-21-23
 NM: RCR
 Drawn: _____
 Checked: _____

A1-1



1 EXISTING FLOOR PLAN
1/8" = 1'-0"



2 PHASE 1 NEW FLOOR PLAN
1/8" = 1'-0"

LICENSED ARCHITECT
R. COLBY RICKS
STATE OF IDAHO
8-21-23

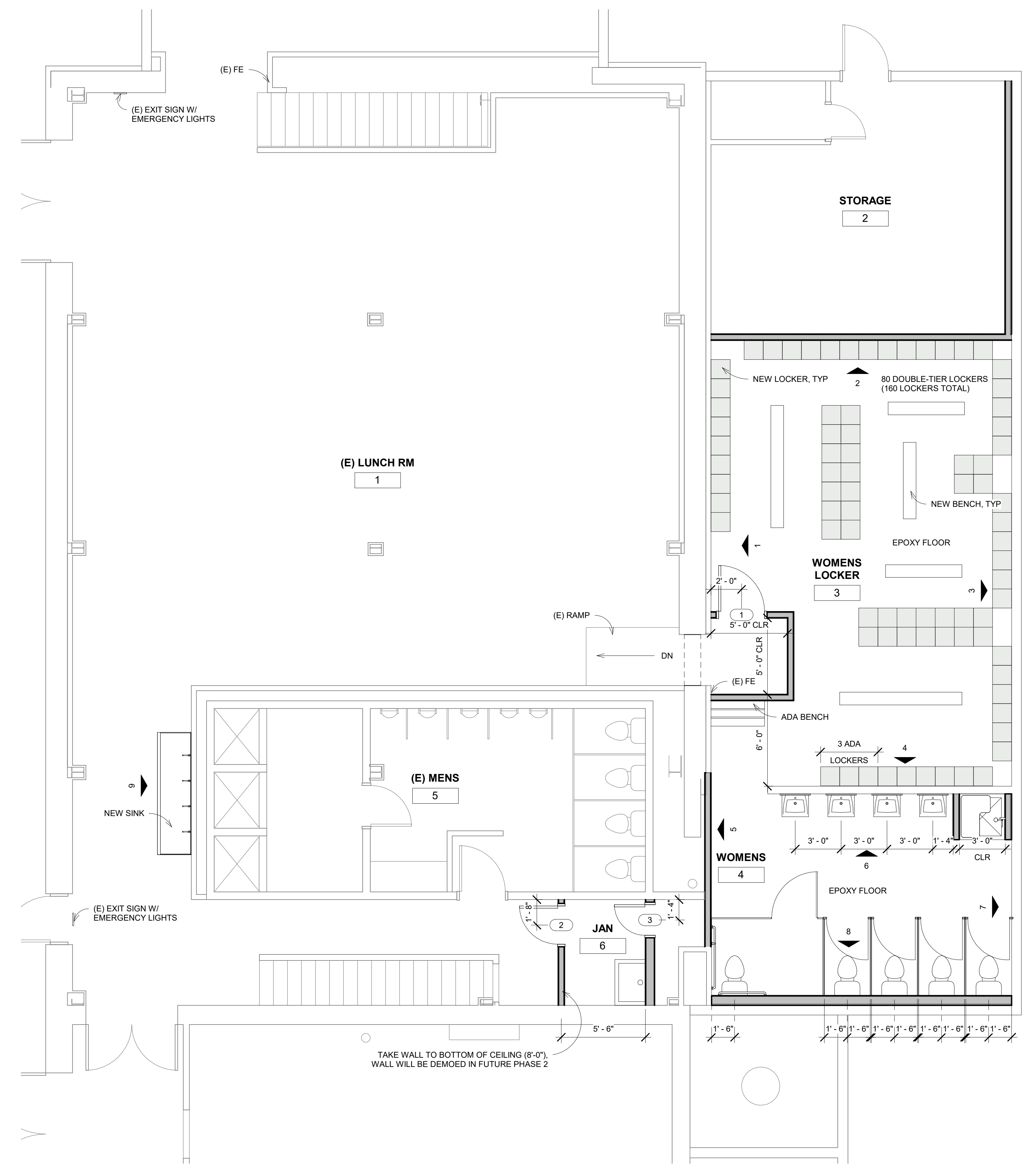
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A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr. E., Twin Falls, ID 83301
NEW FLOOR PLAN

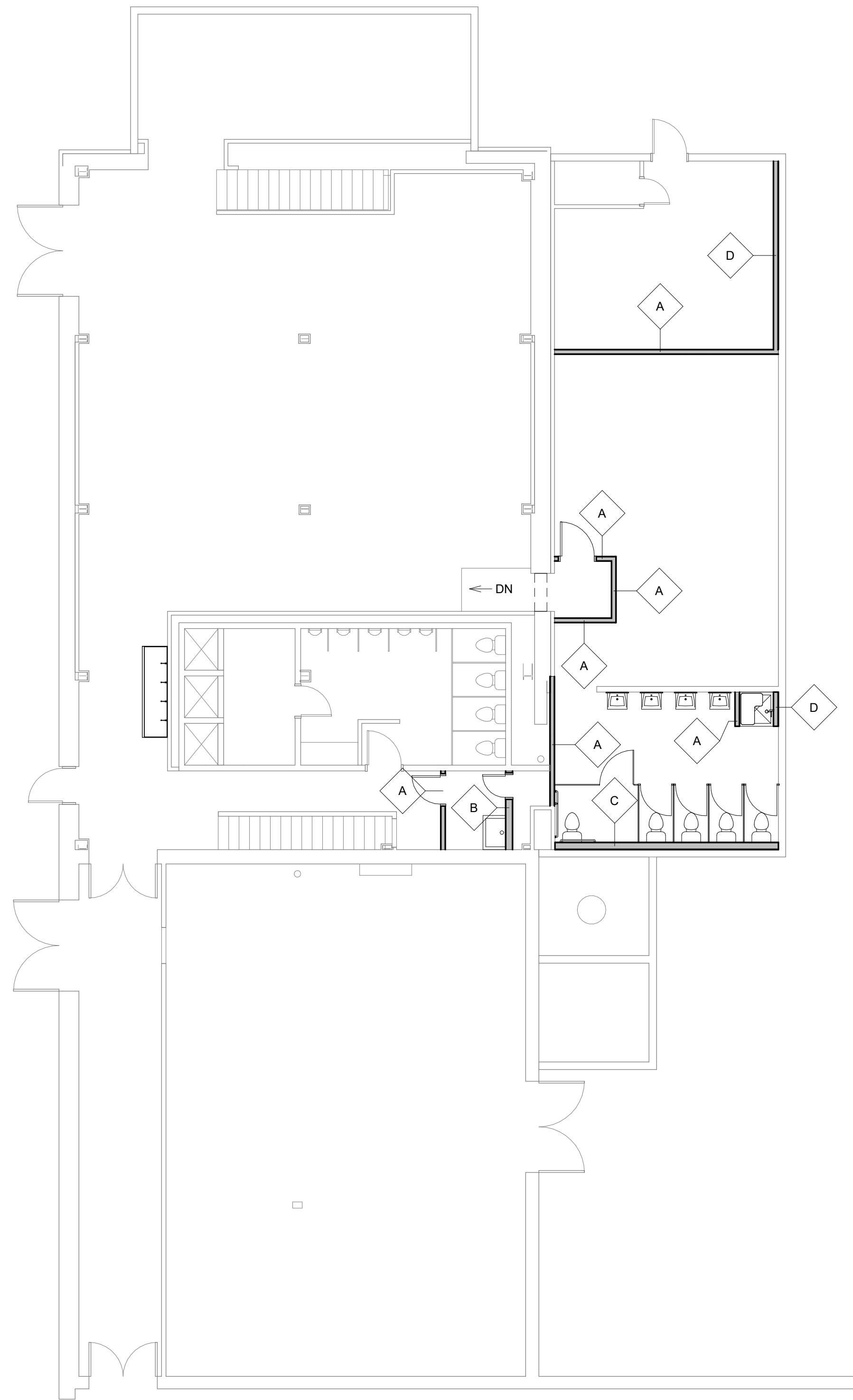
Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. • Twin Falls, Idaho 83301
PHONE: (208) 756-8050

DATE: 8-21-23
NM RCR
Drawn Checked

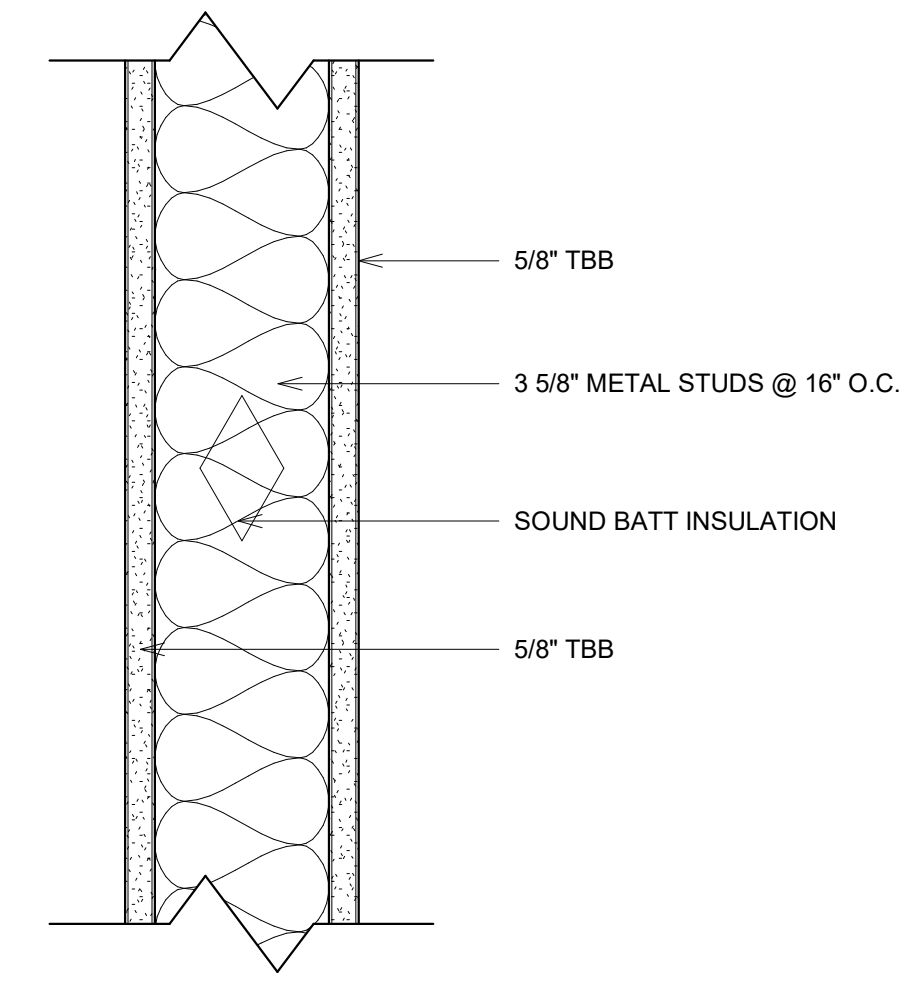
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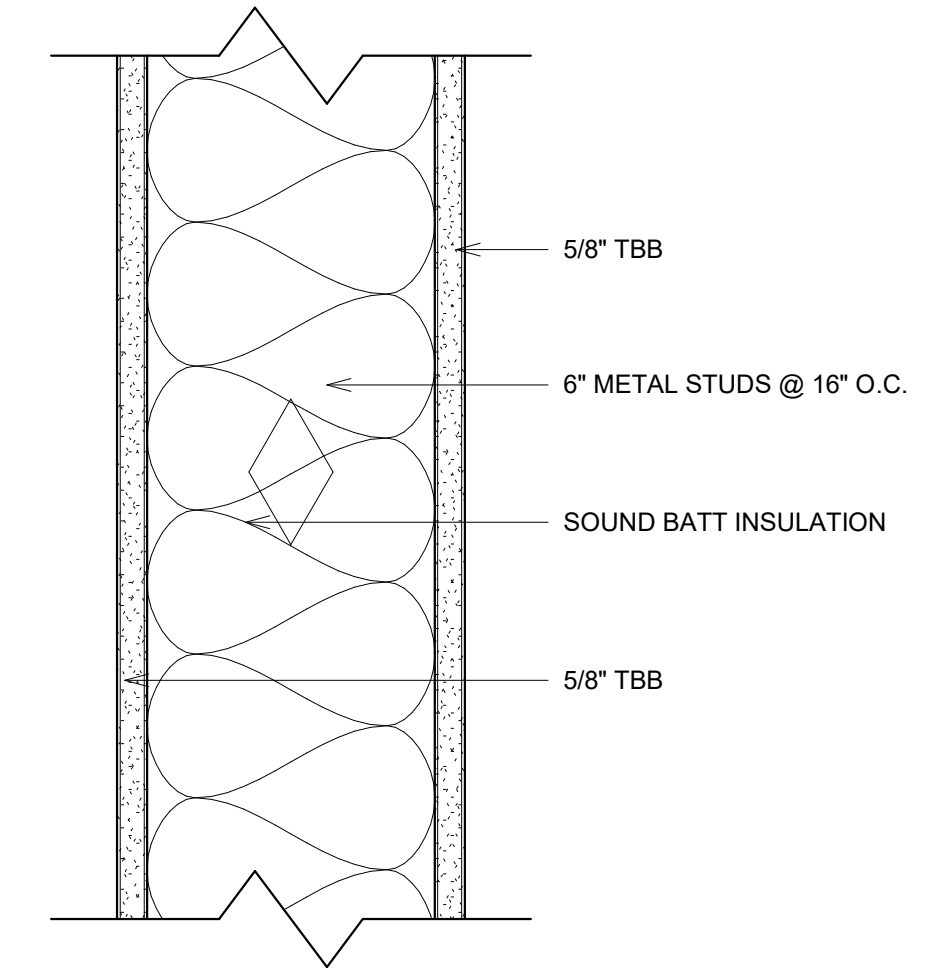
1 PHASE 1 NEW FLOOR PLAN - Callout 1
 1/4" = 1'-0"



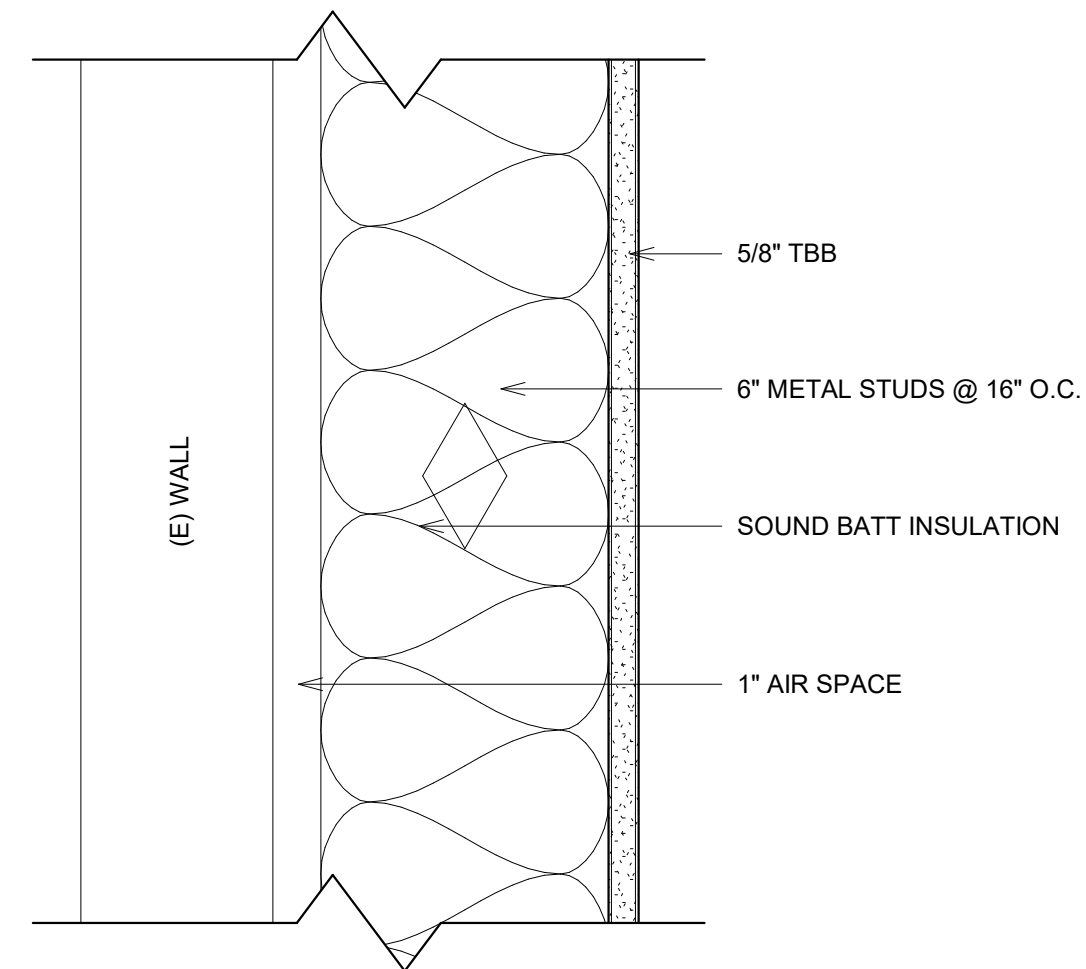
① PHASE 1 WALL TYPES
1/8" = 1'-0"



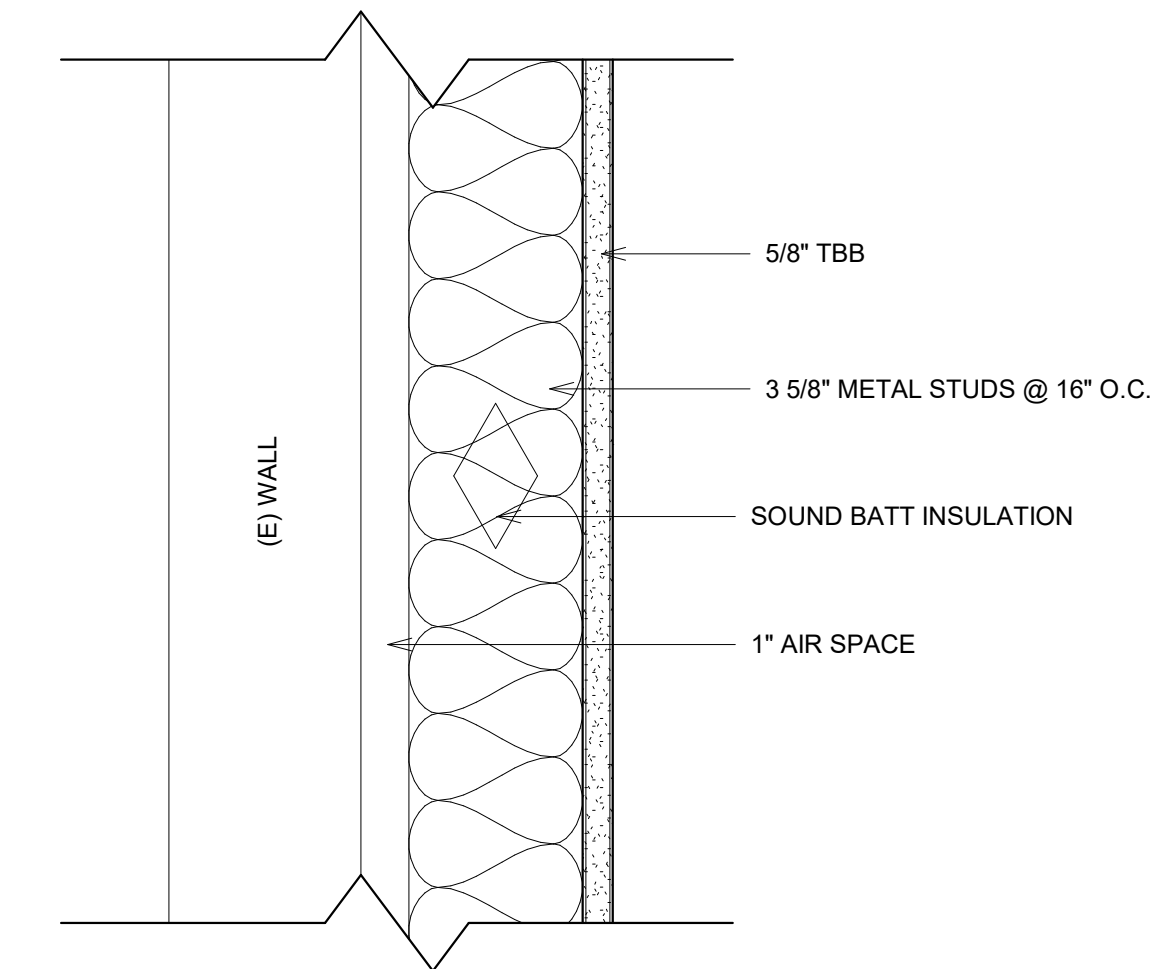
A
INTERIOR



B
INTERIOR



C
INTERIOR



D
INTERIOR

② PHASE 1 WALL TYPES
3" = 1'-0"

LICENSED ARCHITECT
ARCHITECT
R. COLBY RICKS
R. COLBY RICKS
STATE OF IDAHO
8-21-23

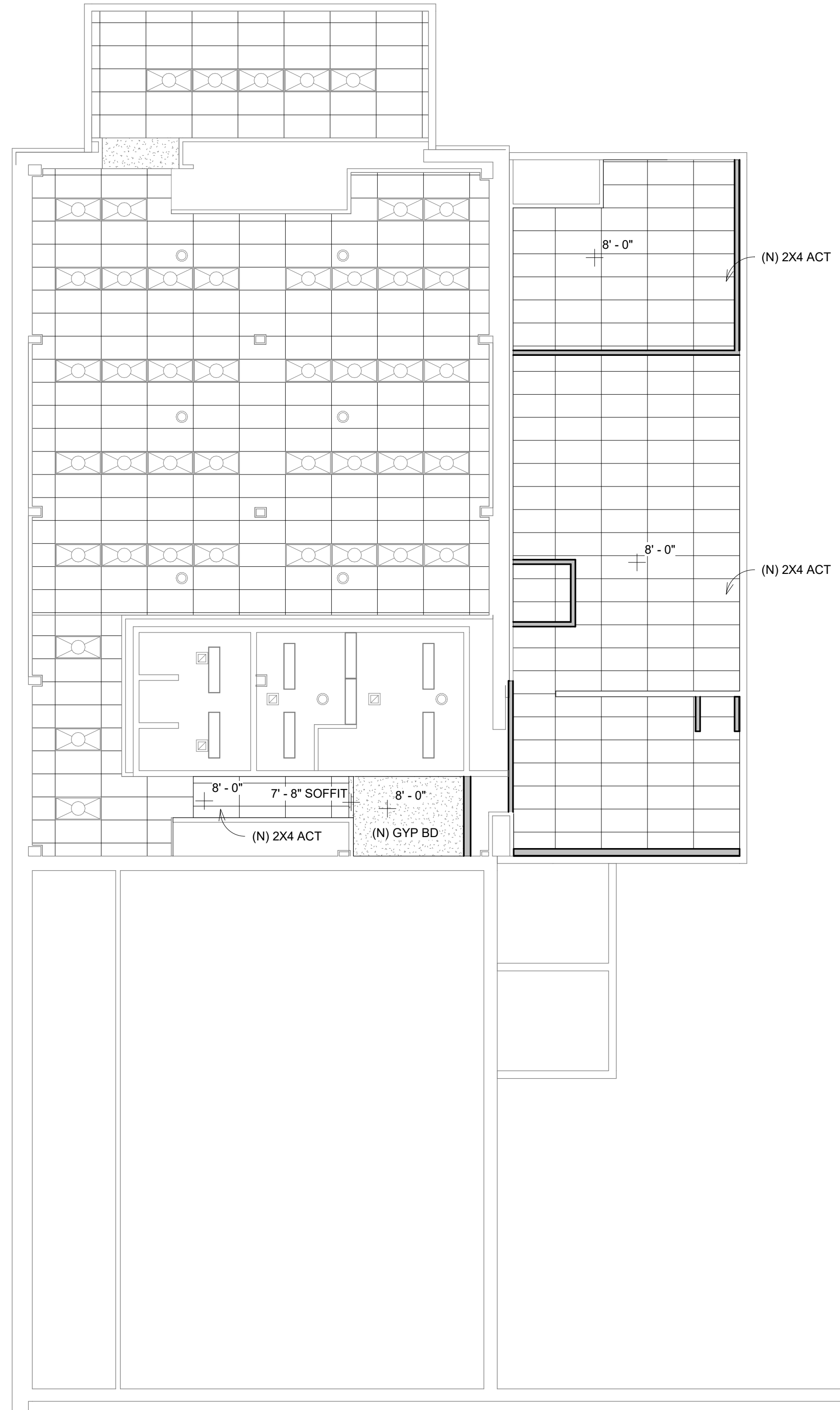
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A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr. E., Twin Falls, ID 83301
WALL TYPES

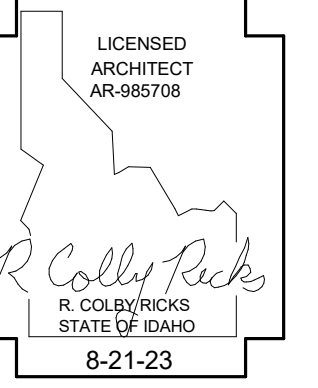
Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. • Twin Falls, Idaho 83301
PHONE: (208) 756-8050

DATE: 8-21-23
NM RCR
Drawn Checked

A6-0



① PHASE 1 NEW CEILING
1/8" = 1'-0"



DATE _____

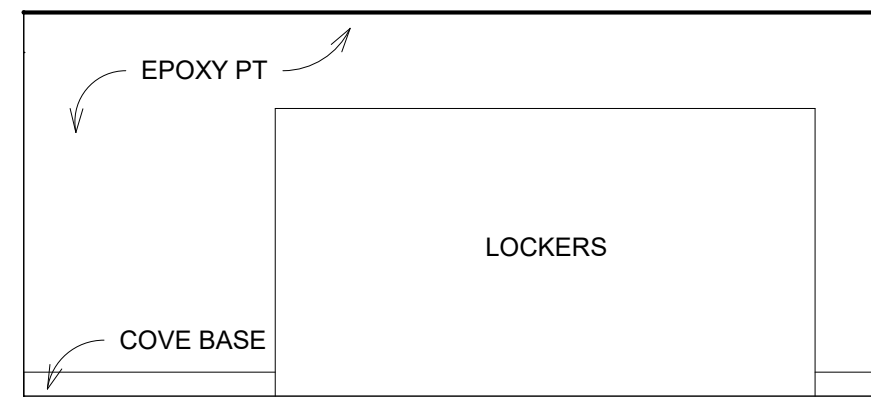
A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
 2320 Orchard Dr. E., Twin Falls, ID 83301
NEW CEILING PLAN

Laughlin Ricks Architecture
 architecture/planning
 134 3RD AVE. E. • Twin Falls, Idaho 83301
 PHONE: (208) 756-8050

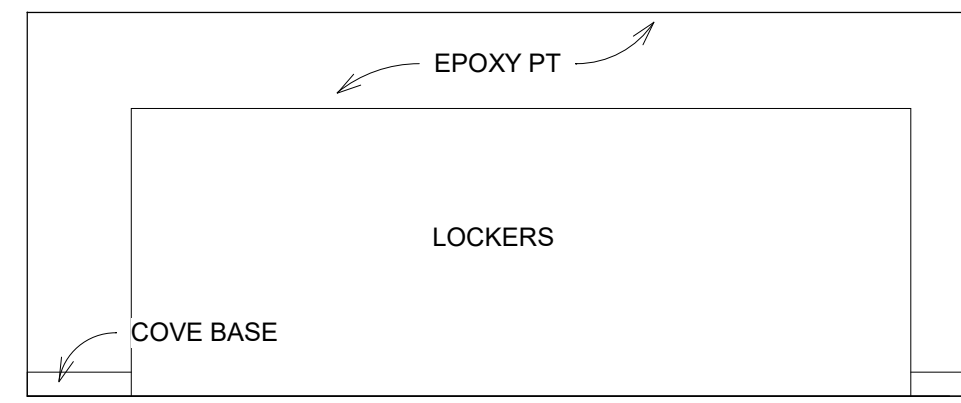
DATE: 8-21-23

NM RCR
 Drawn Checked

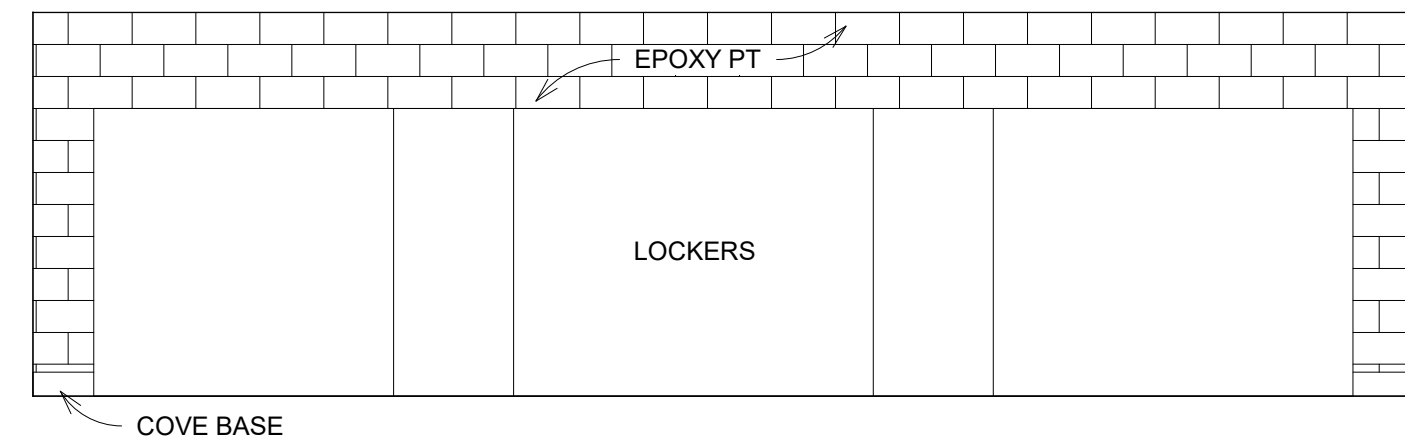
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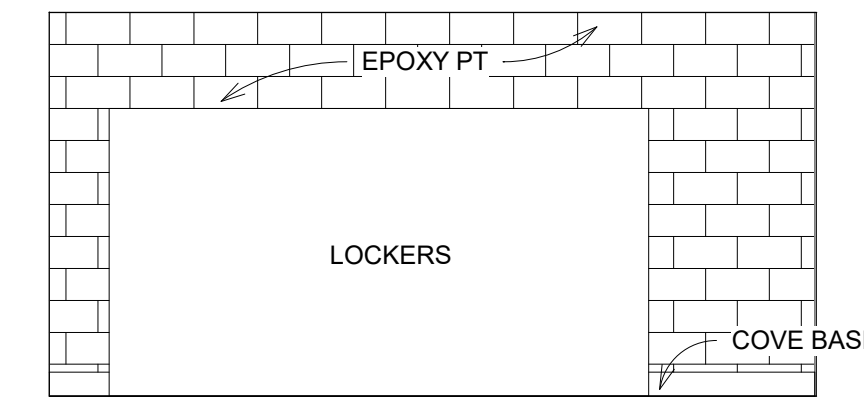
① WOMENS LOCKER 1
1/4" = 1'-0"



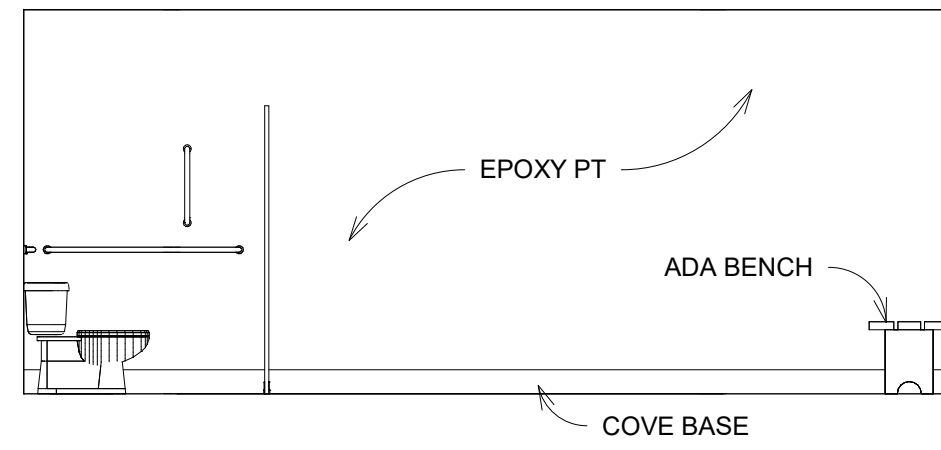
② WOMENS LOCKER 2
1/4" = 1'-0"



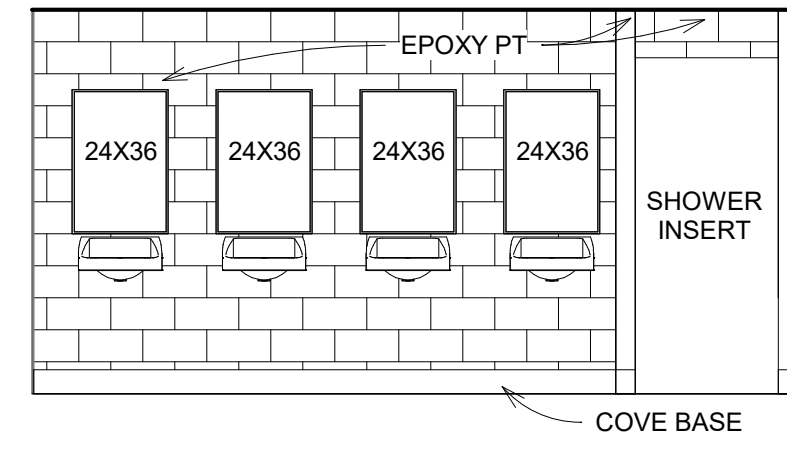
③ WOMENS LOCKER 3
1/4" = 1'-0"



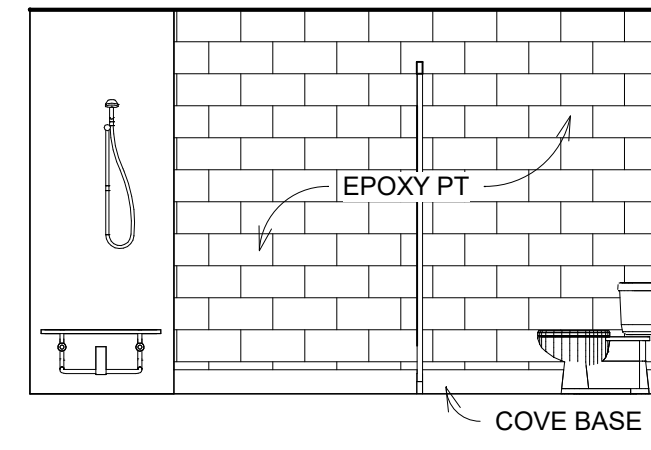
④ WOMENS LOCKER 4
1/4" = 1'-0"



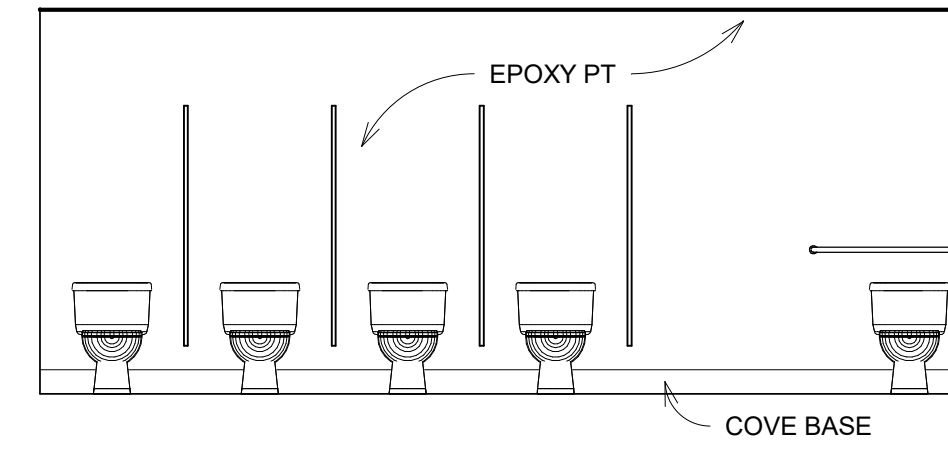
⑤ WOMENS RR 1
1/4" = 1'-0"



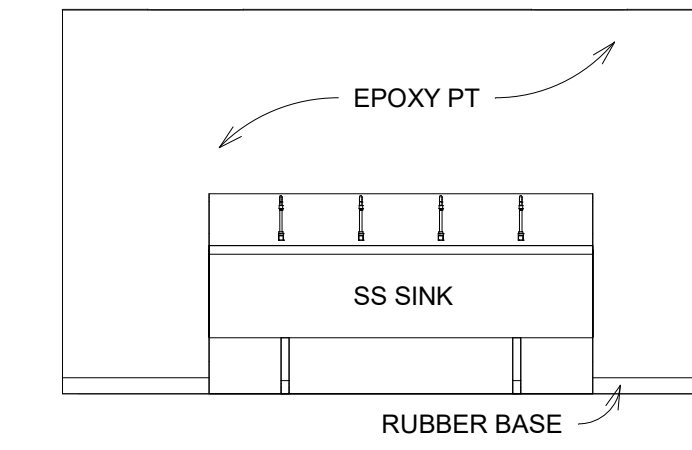
⑥ WOMENS RR 2
1/4" = 1'-0"



⑦ WOMENS RR 3
1/4" = 1'-0"



⑧ WOMENS RR 4
1/4" = 1'-0"



⑨ SS SINK
1/4" = 1'-0"

LICENSED ARCHITECT AR-98579
R. Colby Ricks
R. COLBY RICKS
STATE OF IDAHO
8-21-23

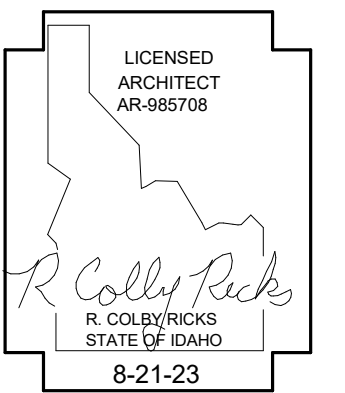
DATE _____

A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr. E., Twin Falls, ID 83301
INTERIOR ELEVATIONS

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. • Twin Falls, Idaho 83301
PHONE: (208) 756-8050

DATE: 8-21-23
NM: RCR
Drawn: Checked

A8-0



DATE _____

A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
 2320 Orchard Dr. E., Twin Falls, ID 83301
ROOM FINISH & DOOR SCHEDULE

Laughlin Ricks Architecture
 architecture/planning
 134 3RD AVE. E. # Twin Falls, Idaho 83301
 PHONE: (208) 756-8050

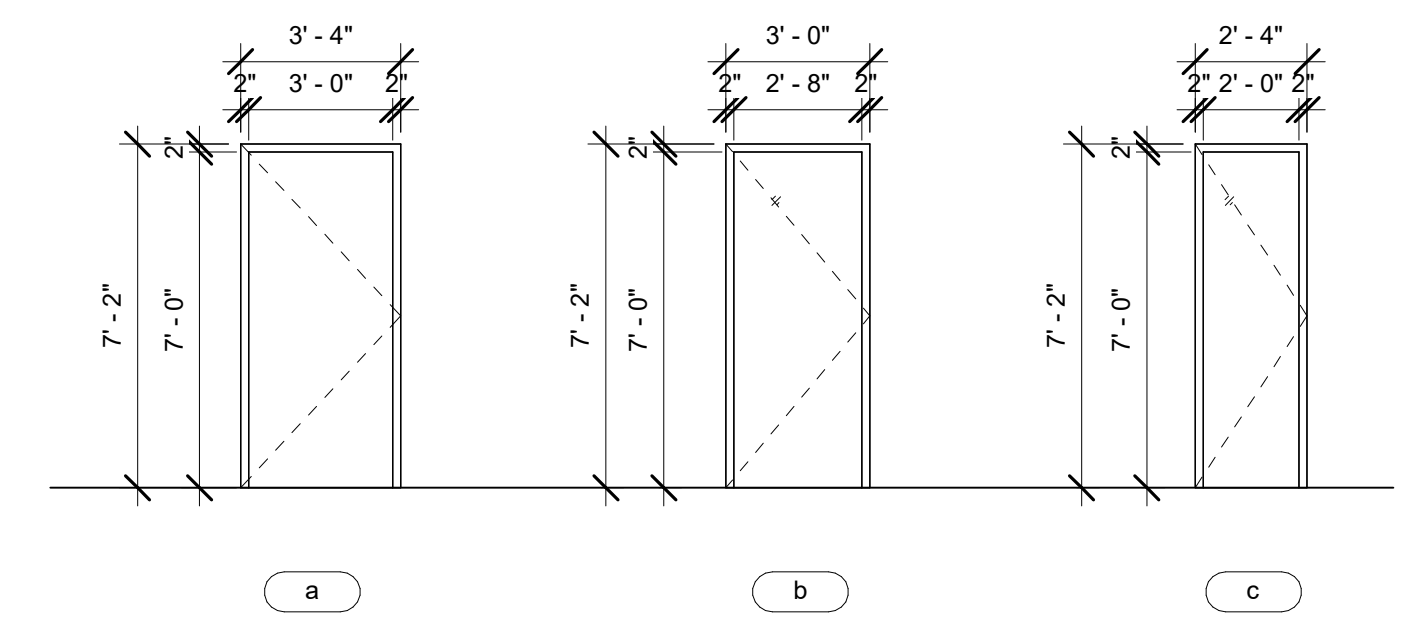
DATE: 8-21-23

NM: RCR
 Drawn: _____
 Checked: _____

A9-0

Phase 1 Room Finish Schedule														
Number	Name	Base Finish	Floor Finish	Materials				Finishes				Ceiling Material	Ceiling Finish	Remarks
				North	East	South	West	North	East	South	West			
1	(E) LUNCH RM	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E) 2X4 ACT	(E)	
2	STORAGE	4" RUBBER BASE	POLISHED CONC	(E)	TBB	TBB	(E)	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	2X4 ACT	FF	
3	WOMENS LOCKER	6" COVE BASE	EPOXY	TBB	(E)/TBB	TBB	(E)/TBB	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	2X4 ACT	FF	
4	WOMENS	6" COVE BASE	EPOXY	(E)	(E)/TBB	TBB	(E)/TBB	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	2X4 ACT	FF	
5	(E) MENS	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E) GYP BD	(E)	
6	JAN	4" RUBBER BASE	SEALED CONC	(E)	TBB	(E)	TBB	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	EPOXY PT	FRP UP TO 4'-0" @ MOP SINK

Phase 1 Door Schedule											
DOOR	ROOM	EL	Door Dimensions		DOOR		FRAME		DOOR		Comments
			Width	Height	Material	Finish	Material	Finish	Accessories		
1	WOMENS LOCKER	a	3' - 0"	7' - 0"	HM	PT	HM	PT		PASSAGE	
2	JAN	b	2' - 6"	7' - 0"	HM	PT	HM	PT		STORAGE	
3	JAN	c	2' - 0"	7' - 0"	HM	PT	HM	PT		STORAGE	



CLASSROOM: LEVER. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER ALWAYS OPENS FROM THE INSIDE.

ENTRY: LEVER. KEY REQUIRED. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER ALWAYS OPENS FROM THE INSIDE.

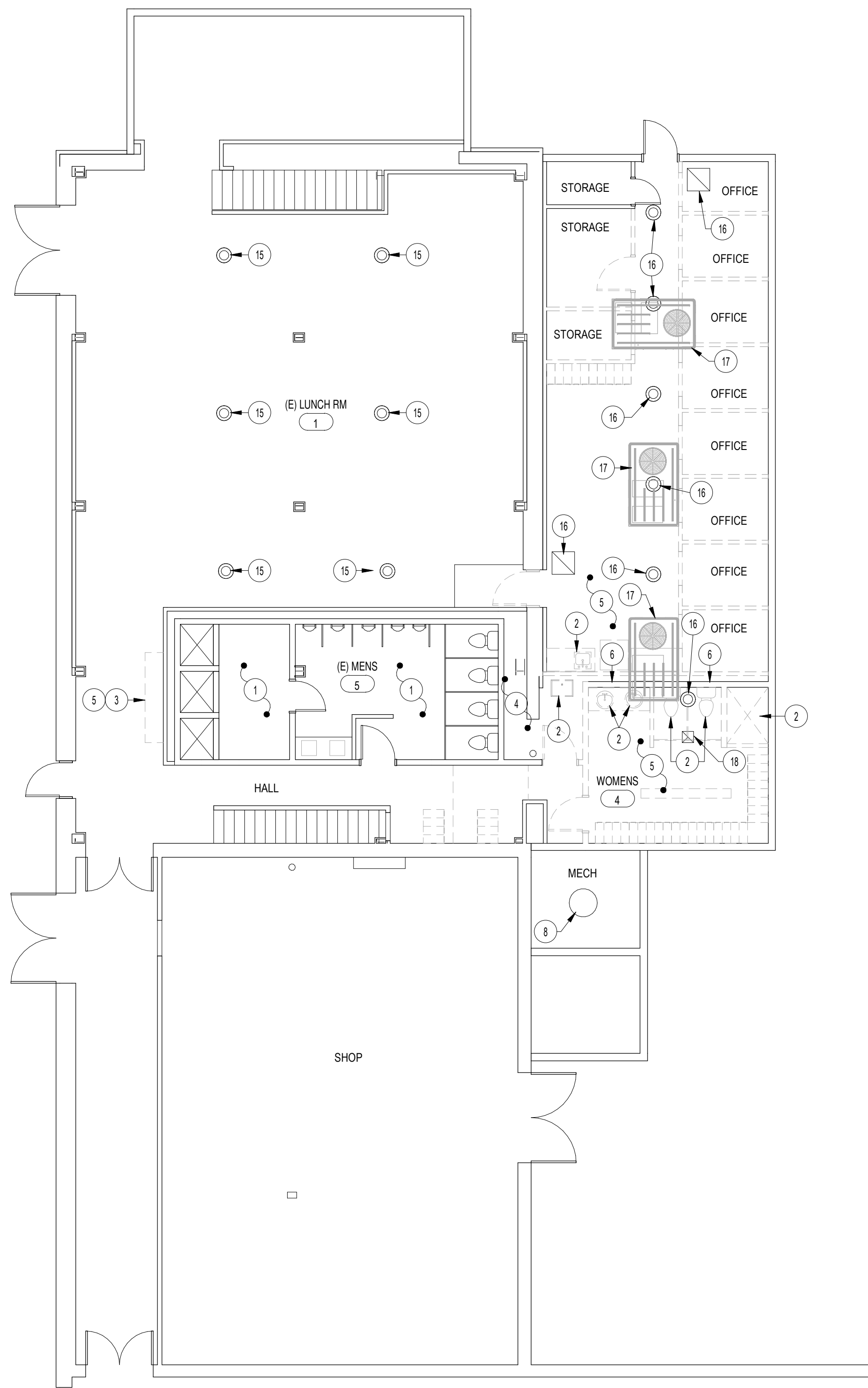
PASSAGE: LEVER. ALWAYS UNLOCKED. LEVER OPENS FROM EITHER SIDE.

PRIVACY: LEVER. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER DEACTIVATES LOCK IN SINGLE MOTION.

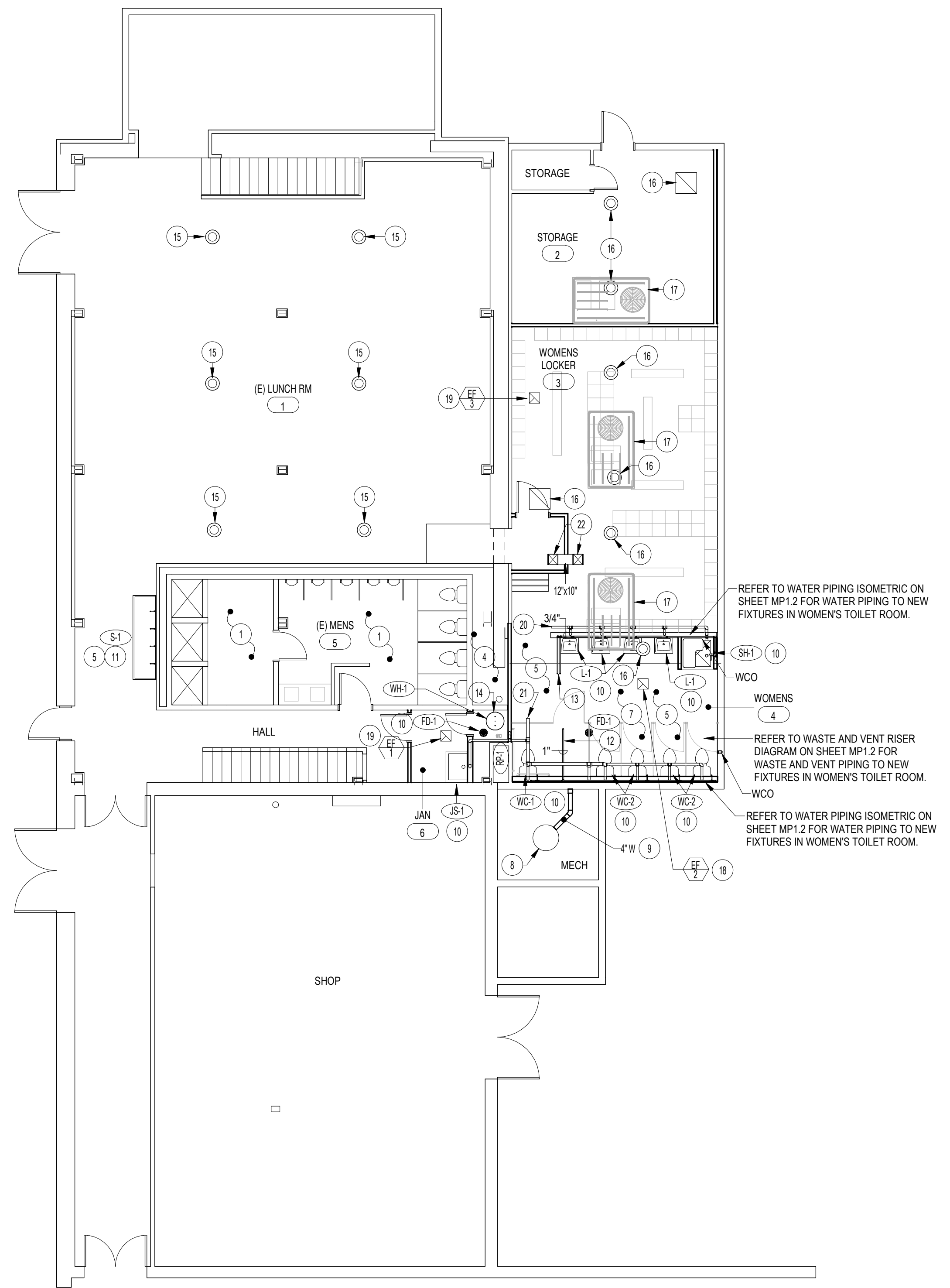
STORAGE: LEVER. KEY REQUIRED. THE OUTSIDE LEVER IS ALWAYS LOCKED. LEVER ALWAYS OPENS FROM THE INSIDE.

○ PHASE 1 DOOR TYPES
 1/4" = 1'-0"

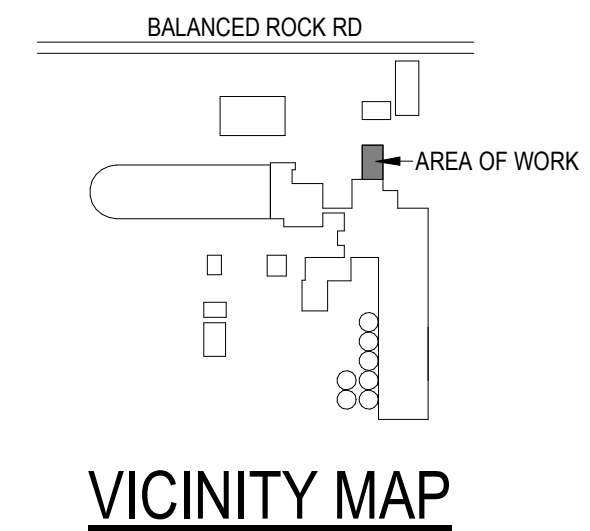
○ DOOR HARDWARE NOTES
 1/4" = 1'-0"



MAIN LEVEL DEMO PLAN - PHASE 1
SCALE: 1/8" = 1'-0"



MAIN LEVEL FLOOR PLAN - PHASE 1
SCALE: 1/8" = 1'-0"



VICINITY MAP

PLAN NOTES:

- 1 ALL EXISTING PLUMBING FIXTURES IN THIS ROOM TO REMAIN. MAINTAIN CONNECTION TO EXISTING WASTE, WATER AND VENT PIPING.
- 2 DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE. CAP EXISTING WASTE, WATER AND VENT PIPING IN WALLS ABOVE CEILINGS, OR BELOW FLOORS AS REQUIRED. REFER TO ARCHITECTURAL PLANS FOR CUTTING AND PATCHING OF EXISTING SURFACES FOR WORK REQUIRED. REMOVE ALL PIPING WHERE EXISTING WALLS ARE BEING DEMOLISHED. REFER TO MAIN LEVEL FLOOR PLAN (THIS SHEET) FOR NEW FIXTURE LOCATIONS.
- 3 DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE. MODIFY EXISTING ROUGH-IN LOCATIONS OF EXISTING WASTE, WATER AND VENT PIPING FOR NEW FIXTURE LOCATIONS. REFER TO MAIN LEVEL FLOOR PLAN (THIS SHEET) FOR NEW FIXTURE LOCATIONS.
- 4 ALL EXISTING WASTE, WATER, AND/OR VENT PIPING IN EXISTING PIPE CHASE TO REMAIN UNLESS NOTED OTHERWISE.
- 5 CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF ALL EXISTING WASTE, WATER, AND VENT PIPING. MAKE MODIFICATIONS (EXTEND OR RETRACT) EXISTING PIPING AS REQUIRED FOR NEW FIXTURE LOCATIONS AND CONNECTIONS.
- 6 REMOVE ALL EXISTING WATER AND VENT PIPING IN EXISTING PIPE CHASE. REFER TO MAIN LEVEL FLOOR PLAN (THIS SHEET) FOR NEW WALL AND PIPING FOR NEW FIXTURES.
- 7 RUN NEW WASTE PIPING FROM NEW FIXTURES BELOW FLOOR. REFER TO WASTE AND VENT RISER DIAGRAM ON SHEET MP1.2 FOR TYPICAL PIPING CONNECTIONS. REFER TO ARCHITECTURAL PLANS FOR CUTTING AND PATCHING OF EXISTING FLOORS FOR NEW PIPING.
- 8 EXISTING SEWAGE EJECTOR PUMP AND TANK TO REMAIN. FIELD VERIFY EXISTING CONDITIONS. RUN NEW 4" WASTE PIPING TO EXISTING TANK AS REQUIRED FOR NEW FIXTURE LOCATIONS. SEE WASTE AND VENT RISER DIAGRAM ON SHEET MP1.2.
- 9 CONNECT NEW 4" WASTE LINE FROM NEW PLUMBING FIXTURES TO EXISTING SEWAGE EJECTOR PIPING OF EQUAL OR LARGER SIZE OR TO EXISTING TANK. FIELD VERIFY EXISTING CONDITIONS. REFER TO ARCHITECTURAL PLANS FOR CUTTING AND PATCHING OF EXISTING FLOORS FOR NEW WASTE PIPING.
- 10 INSTALL NEW PLUMBING FIXTURE AS SCHEDULED. RUN NEW WASTE, WATER, AND VENT PIPING TO NEW FIXTURE AS REQUIRED. REFER TO PIPING SCHEMATICS ON SHEET MP1.2 FOR TYPICAL PIPING CONNECTIONS AND ROUTING. REFER TO ARCHITECTURAL PLANS FOR CUTTING AND PATCHING OF EXISTING FLOORS.
- 11 INSTALL NEW PLUMBING FIXTURE AS SCHEDULED. MODIFY ROUGH-IN LOCATIONS OF EXISTING PIPING AS REQUIRED FOR NEW FIXTURE AND CONNECT. REFER TO ARCHITECTURAL PLANS FOR CUTTING AND PATCHING OF EXISTING FLOORS.
- 12 CONNECT NEW 1" COLD WATER LINE TO EXISTING 1" (OR LARGER) COLD WATER PIPING ABOVE CEILING. FIELD VERIFY EXISTING CONDITIONS AND LOCATION OF EXISTING PIPING. DROP 1" LINE DOWN IN NEW WALL AND RUN TO NEW FIXTURES AS SHOWN. REFER TO WATER PIPING SCHEMATIC ON SHEET MP1.2.
- 13 CONNECT NEW 3/4" HOT AND COLD WATER LINES TO EXISTING 3/4" (OR LARGER) HOT AND COLD WATER LINES ABOVE CEILING. FIELD VERIFY EXISTING CONDITIONS AND LOCATIONS OF EXISTING PIPING. DROP 3/4" LINES DOWN IN NEW WALL AND RUN TO NEW FIXTURES AS SHOWN. REFER TO WATER PIPING SCHEMATIC ON SHEET MP1.2.
- 14 INSTALL 50 GALLON WATER HEATER COMPLETE WITH THERMAL EXPANSION TANK AND MIXING VALVE IN CLOSET. CONNECT NEW WATER HEATER TO EXISTING 3/4" (OR LARGER) HOT AND COLD WATER LINES ABOVE CEILING. REFER TO DETAIL ON MP1.2 FOR TYPICAL INSTALLATION AND PIPING CONNECTIONS.
- 15 EXISTING CEILING DIFFUSER TO REMAIN. REMOVE EXISTING DIFFUSER AND CLEAN. RE-INSTALL AND RECONNECT TO EXISTING BRANCH DUCT AFTER CLEANING.
- 16 EXISTING CEILING DIFFUSER OR RETURN AIR GRILLE TO BE RELOCATED. REMOVE EXISTING DIFFUSER OR GRILLE AND CLEAN. EXTEND EXISTING BRANCH DUCT AS REQUIRED AND RE-INSTALL CLEANED DIFFUSER OR GRILLE IN NEW CEILING GRID AS SHOWN IN MAIN LEVEL FLOOR PLAN (THIS SHEET). COORDINATE WITH LIGHT FIXTURES.
- 17 EXISTING ROOF MOUNTED EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION AND MAINTAIN CONNECTION TO EXISTING GAS PIPING. CONTRACTOR TO FIELD VERIFY LOCATIONS OF EXISTING GAS PIPING.
- 18 REPLACE EXISTING CEILING MOUNTED EXHAUST FAN WITH NEW AS SCHEDULED. CONNECT NEW FAN TO EXISTING EXHAUST DUCT. FIELD VERIFY EXISTING CONDITIONS. REFER TO ARCHITECTURAL PLANS FOR CUTTING AND PATCHING OF EXISTING GYP. BOARD CEILINGS.
- 19 INSTALL NEW CEILING MOUNTED EXHAUST FAN AS SCHEDULED. CONNECT NEW 6" Dia. EXHAUST DUCT TO EXISTING EXHAUST DUCT ABOVE CEILING OF EQUAL OR LARGER SIZE. (OR) RISE NEW 6" Dia. DUCT UP THRU EXISTING METAL ROOF WITH NEW ROOF CAP. SEAL ROOF PENETRATION WATER TIGHT.
- 20 CONNECT NEW 2" VENT PIPING TO EXISTING 2" (OR LARGER) VTR OR RISE NEW 2" VTR UP THRU EXISTING ROOF.
- 21 CONNECT NEW 3" VENT PIPING TO EXISTING 3" (OR LARGER) VTR OR RISE NEW 3" VTR UP THRU EXISTING ROOF.
- 22 PROVIDE 12" x 12" TRANSFER AIR GRILLE IN CEILINGS AS SHOWN. GRILLE TO BE SIMILAR TO PRICE MODEL 535 WITH ANGLED BLADES AND NARROW SURFACE MOUNT FRAME. CONNECT (2) GRILLES WITH 12x10 DUCT TO EACH GRILLE ABOVE CEILING.

12/18/2023

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A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr. E., Twin Falls, ID 83301
MECH / PLBG FLOOR PLANS - PHASE 1

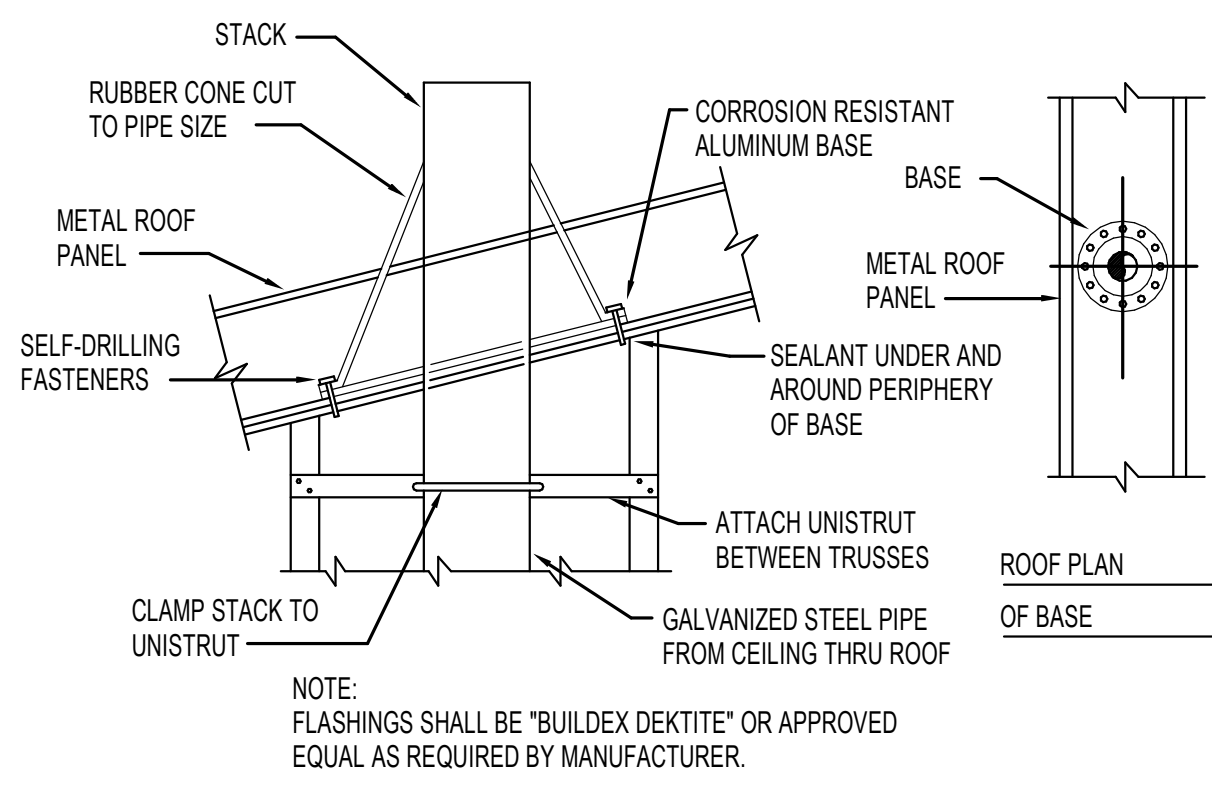
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MLJ DLH
Drawn Checked

MP1.1

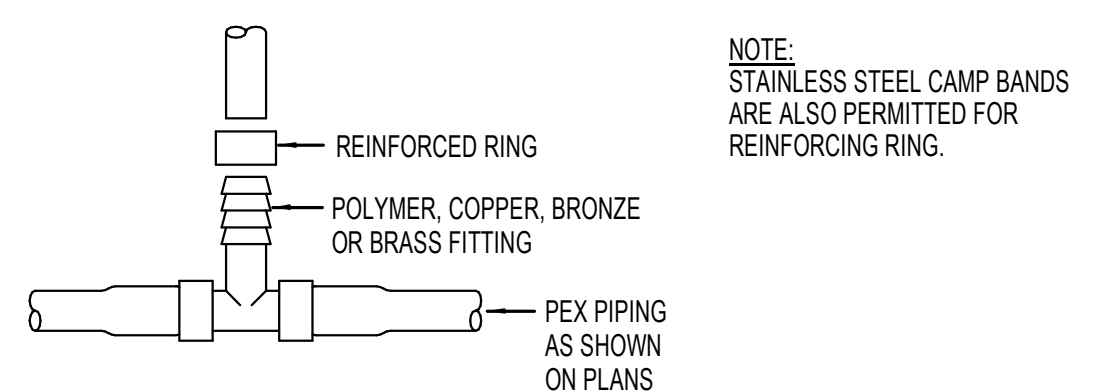


VENT THRU METAL ROOF DETAIL

NO SCALE

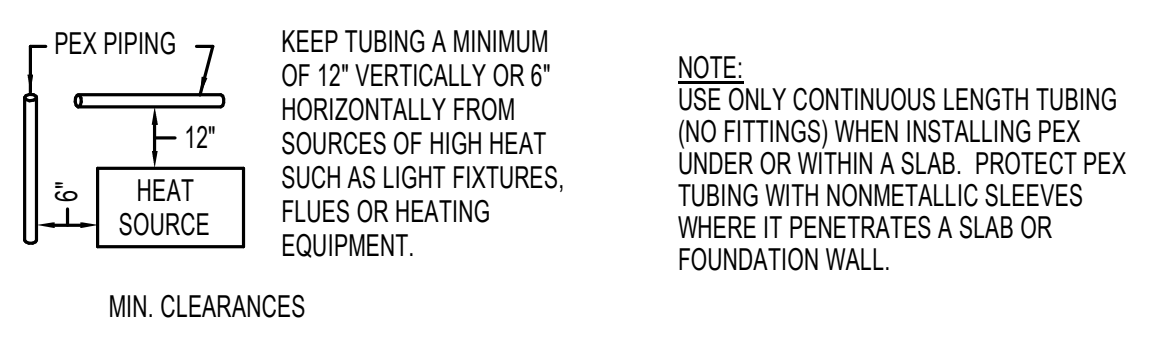
THIS TYPE (COLD EXPANSION) OF FITTING REQUIRES THAT THE PEX PIPING, WITH REINFORCING PEX RING PLACED OVER THE END OF THE PIPE. THE PIPE IS EXPANDED BEFORE THE FITTING IS INSERTED INTO THE PIPE END. THE EXPANDED PIPE END IS ALLOWED TO RETRACT ONTO THE FITTING TO FORM THE SEAL. THE MEMORY OF THE PIPE ALLOWS IT TO TIGHTEN OVER THE FITTING. AN EXPANDER TOOL IS REQUIRED TO EXPAND THE PIPE AND THE PEX RING TOGETHER.

ALL JOINTS (TEES, ELBOWS, COUPLINGS, ETC.) ARE JOINTED SIMILARLY.



PEX PIPE FITTING DETAILS

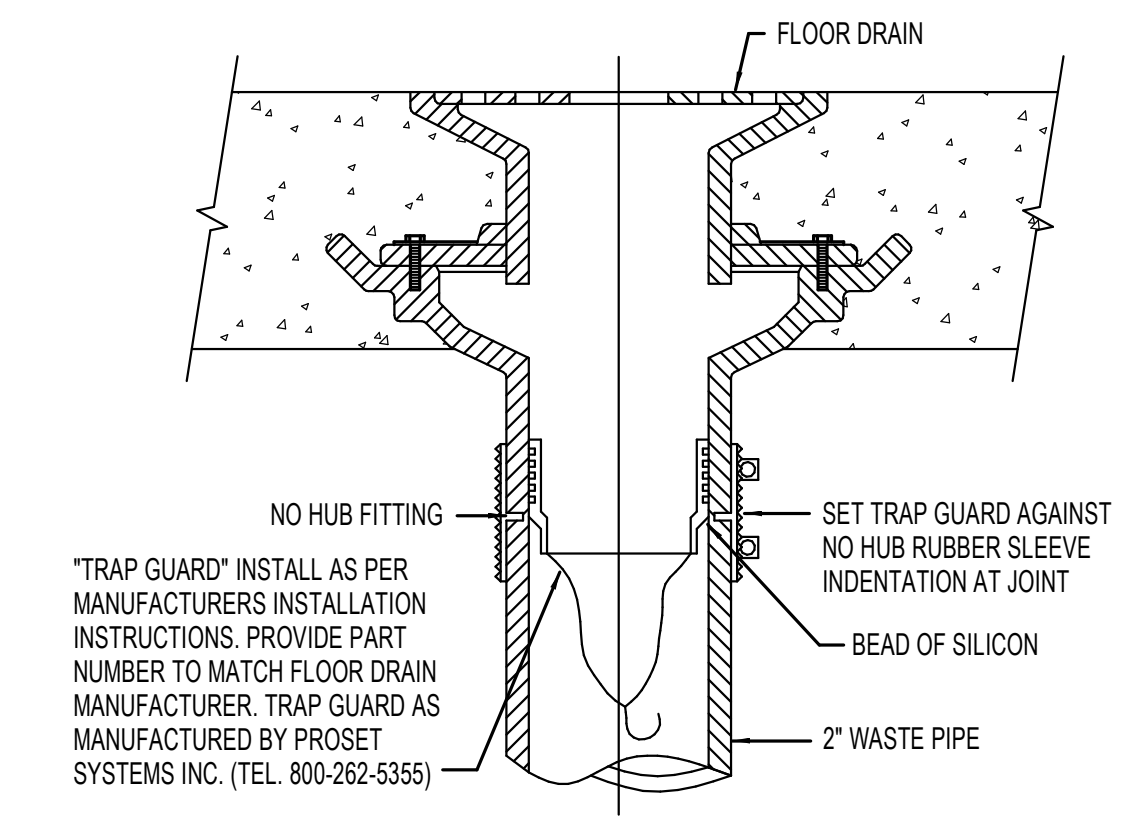
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PEX PIPE HANDLING DETAILS

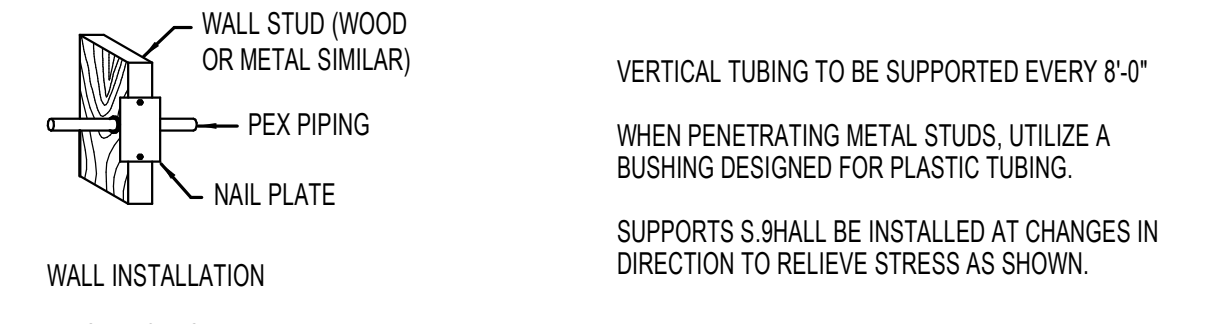
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TUBING AND FITTINGS SHALL BE STORED UNDERCOVER FOR CLEANLINESS AND TO AVOID EXPOSURE TO SUNLIGHT. CONSULT MANUFACTURER FOR RECOMMENDED LIMITS TO OUTSIDE STORAGE.



TRAP SEAL INSTALLATION DETAIL

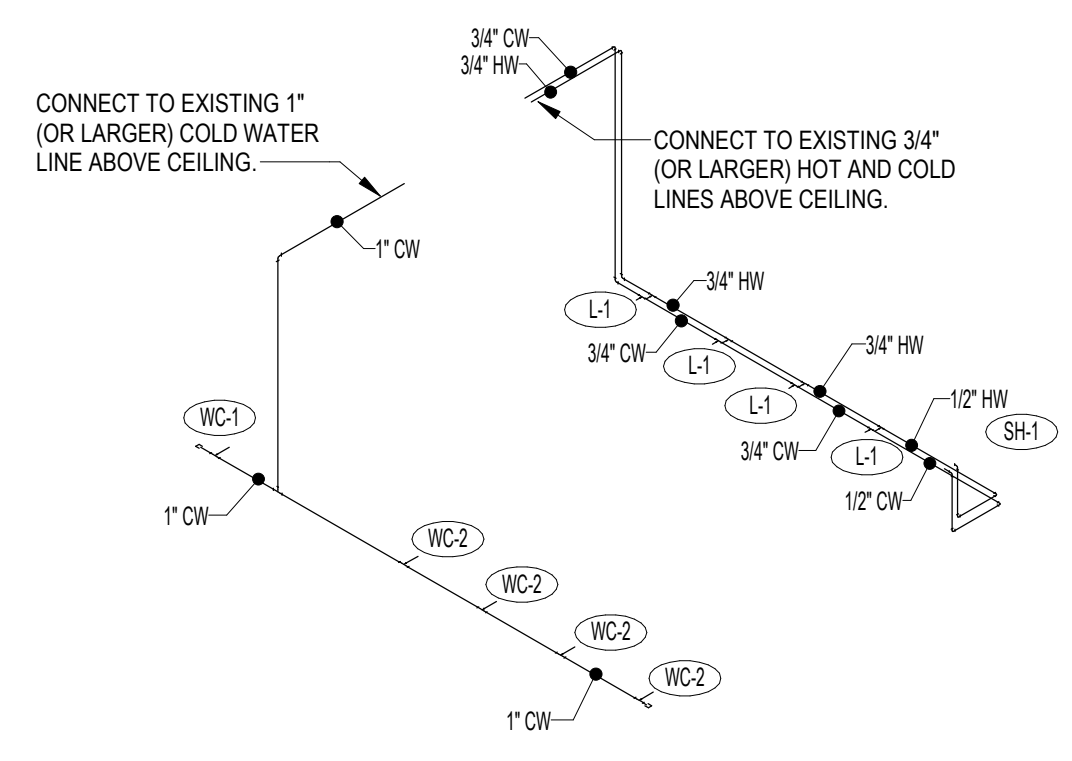
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PEX PIPE INSTALLATION DETAILS

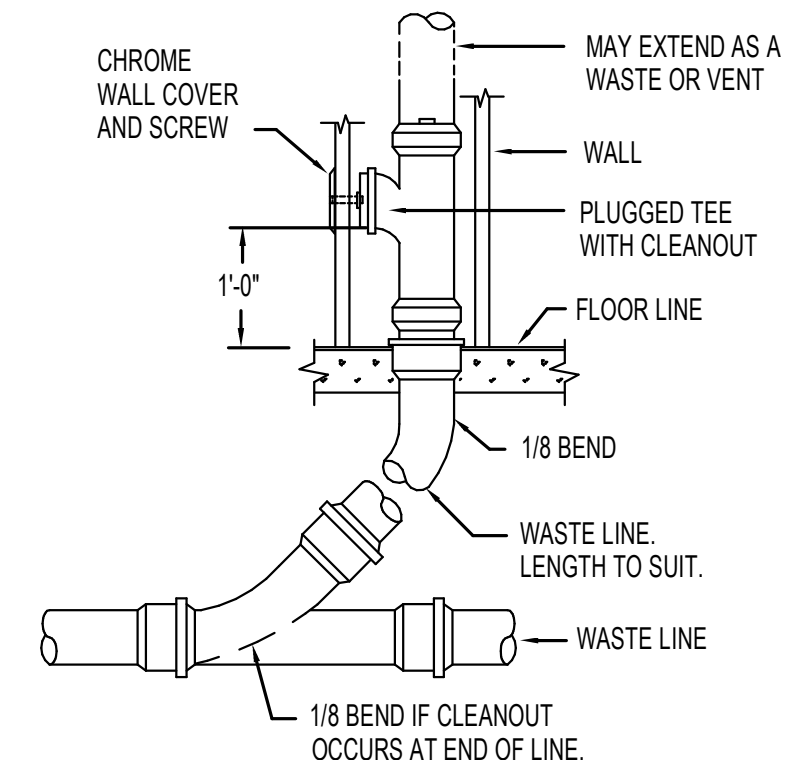
NO SCALE

PIPE SUPPORTS: PLASTIC HANGERS AND STRAPS ARE RECOMMENDED, BUT METAL SUPPORTS WHICH ARE DESIGNED FOR USE WITH PLASTIC TUBING CAN BE USED. DO NOT USE SUPPORTS THAT PINCH OR CUT THE TUBING. SUPPORT SHOULD ALLOW FREE TUBING MOVEMENT. INSPECT ALL SUPPORTS PRIOR TO INSTALLATION TO ENSURE THAT SHARP EDGES DO NOT EXIST THAT CAN DAMAGE THE TUBING. DO NOT USE IN ANY APPLICATION WHERE TUBING WILL BE EXPOSED TO DIRECT SUNLIGHT.



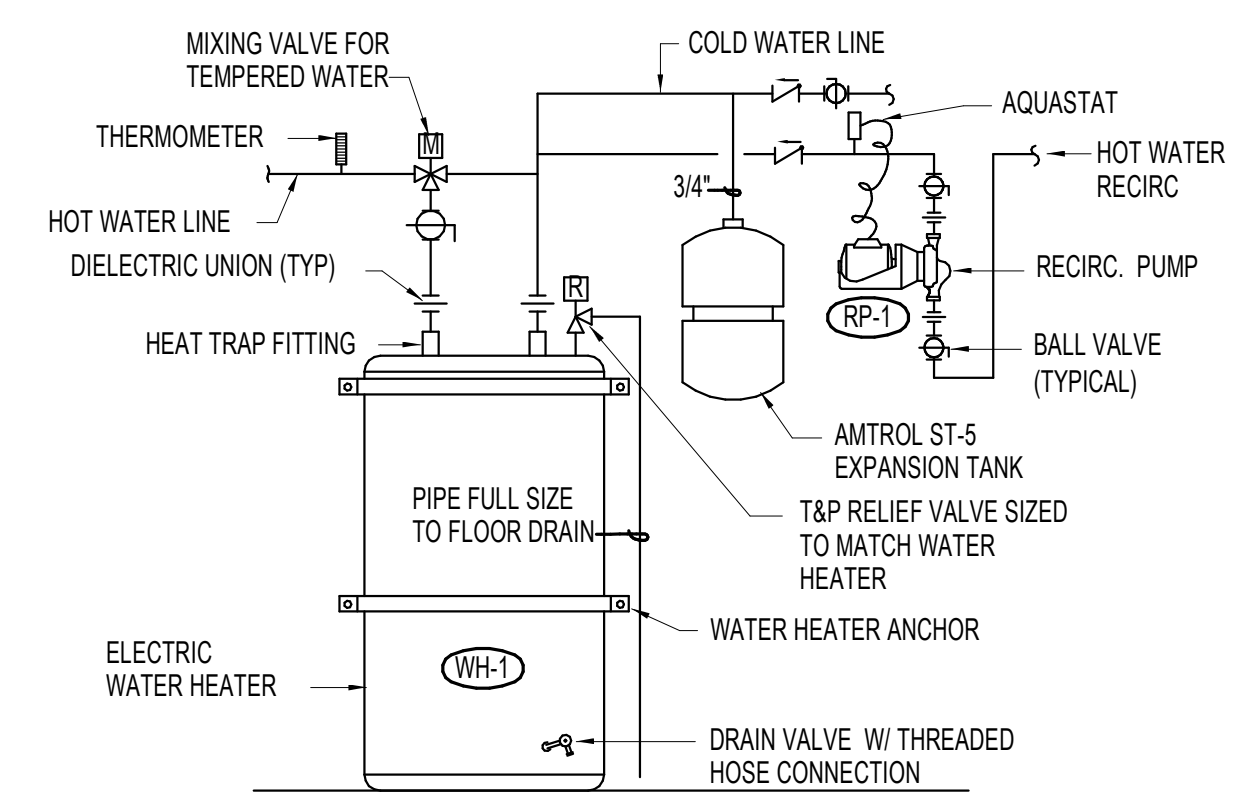
WATER PIPING SCHEMATIC (WOMEN'S TOILET ROOM)

NO SCALE



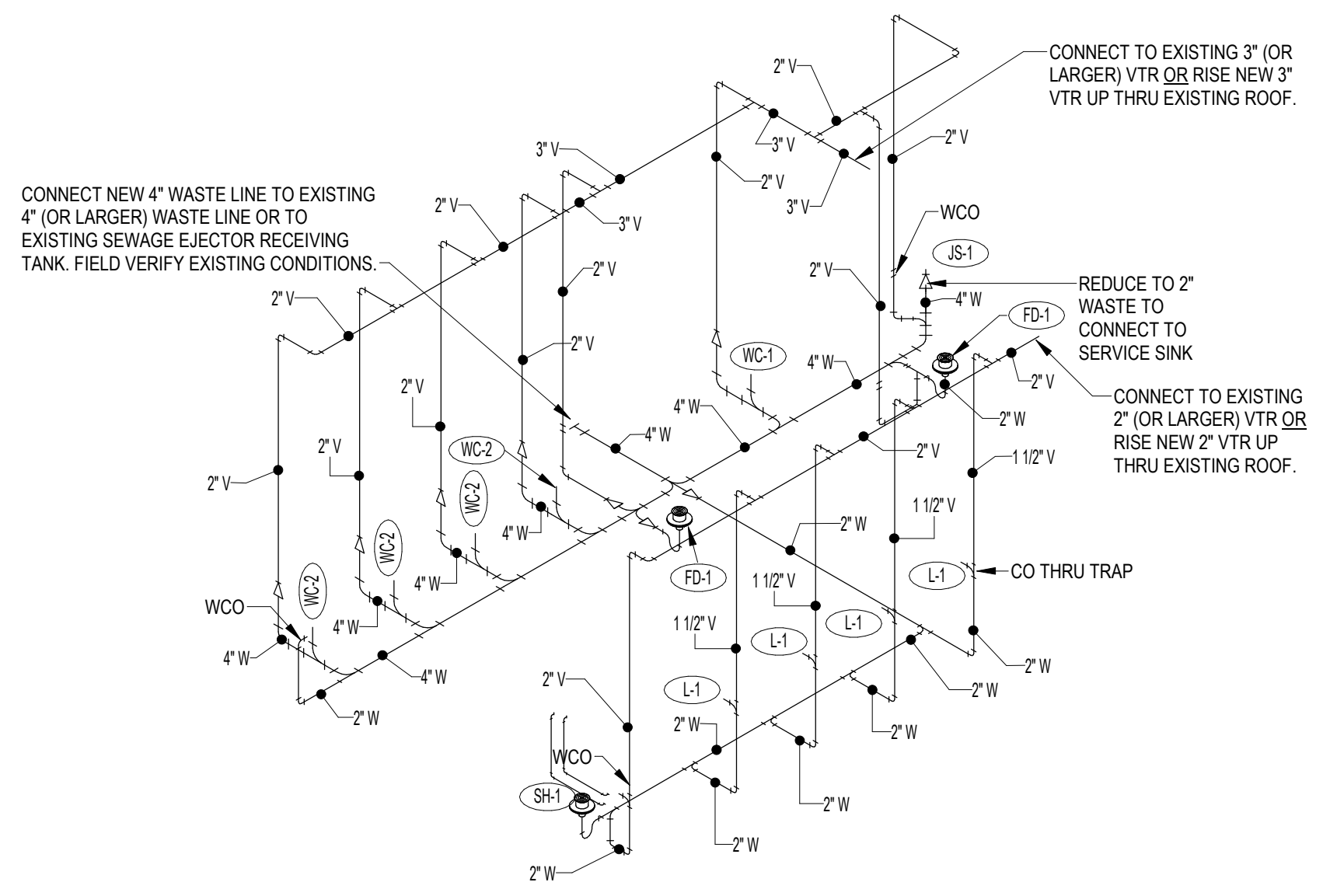
WALL CLEANOUT DETAIL

NO SCALE



WATER HEATER PIPING DETAIL

NO SCALE



WASTE AND VENT RISE DIAGRAM (WOMEN'S TOILET ROOM)

NO SCALE

FIXTURE SCHEDULE					
SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT
FD-1	2-FLOOR DRAIN - ZURN Z-415 WITH TYPE 'B' STRAINER WITH NICKEL-BRONZE CONSTRUCTION AND 2" DEEP SEAL P-TRAP. PROVIDE TRAP SEAL IN WITH FIXTURE.	--	--	2"	2"
JS-1	FLOOR MOUNTED SERVICE SINK - FIAT MODEL MS83624 MOLDED STONE BASIN WITH 800A WALL MOUNTED FAUCET WITH VACUUM BREAKER AND PAIL HOOK, MS83624 SS WALL GUARD, 145388 SLOTTED STRAINER, AND 832AA 30" HOSE WITH WALL BRACKET.	1/2"	1/2"	2"	2"
L-1	ADA WALL HUNG LAVATORY - KOHLER 2032 "GREENWICH" (SIZE 20"X15") WITH WALL CARRIER, K-7115 OPEN GRID STRAINER, MOEN (L60) SINGLE LEVER HANDLE FAUCET, 1/2" STOPS AND 1-1/2" P-TRAP. PROVIDE INSULATING JACKET ON WASTE AND WATER LINES.	1/2"	1/2"	1-1/2"	1-1/2"
RP-1	HOT WATER RECIRC PUMP - BAG SERIES LR-208F LITTLE REDY WITH 3 GPM FLOW AT 1/8" HEAD AND 3/4" LINE CONNECTIONS. MOUNT NEAR WATER HEATER. REFER TO DETAIL FOR TYPICAL PIPE CONNECTIONS (120/601)	3/4"	--	--	--
S-1	MULTI-STATION WASH SINK - ELKAY EDMA9620C WASH SINK WITH BACKSPASH (4) LK400274H MOUNTED FAUCETS WITH BLADE HANDLES AND AERATOR, (1) LK188 STRAINER, 1/2" STOPS AND 1-1/2" P-TRAP. PROVIDE WALL HANGERS, AND UNDER SINK SUPPORTS.	3/4"	3/4"	1-1/2"	1-1/2"
SH-1	PRE-FAB SHOWER STALL - LASCO MODEL APF0388FRRR COMPLETE WITH GRAB BARS, FOLDING SEAT, PRESSURE BALANCING MIXING VALVE AND HAND-HELD SHOWER HEAD WITH SLIDE BAR, COLLAPSIBLE WATER RETAINER, SOAP DISH, CURTAIN ROD AND SHOWER CURTAIN, PERFORATED STRAINER AND 2" DEEP SEAL P-TRAP.	1/2"	1/2"	2"	2"
WC-1	ADA FLUSH TANK WATER CLOSET - KOHLER K-3970-0 "HIGHLINE" PRESSURE ASSIST TOILET WITH ELONGATED BOWL, K-4670C OPEN FRONT SEAT, TRIP LEVEL HANDLE ON ACCESSIBLE SIDE WITH 1.6 GPM PER FLUSH, AND BOLT CAPS.	--	1/2"	4"	2"
WC-2	FLUSH TANK WATER CLOSET - KOHLER K-3878-0 "WELLWORX" PRESSURE ASSIST TOILET WITH ELONGATED BOWL, K-4670C OPEN FRONT SEAT, TRIP LEVEL HANDLE WITH 1.6 GPM PER FLUSH, AND BOLT CAPS.	--	1/2"	4"	2"
WH-1	50 GALLON ELECTRIC WATER HEATER - A.O. SMITH MODEL EHS-50 WITH 50 GALLON CAPACITY, 2 (NON-SIMULTANEOUS) 4.5 KW ELEMENTS, (208/60/1), 3/4" SUPPLIES AND T&P RELIEF VALVE, THERMAL EXPANSION TANK AND HEAT TRAP NIPPLES.	3/4"	3/4"	--	--

EXHAUST FAN SCHEDULE								
SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS
EF-1	CEILING MOUNTED	90	25'	87	120/60/1	640	WALL TIMER SWITCH	TWIN CITY T150 WITH BACK-DRAFT DAMPER AND 6" Dia. EXHAUST DUCT TO ROOF CAP.
EF-2	CEILING MOUNTED	400	25'	146	120/60/1	735	WITH LIGHTS	TWIN CITY T400 WITH BACK-DRAFT DAMPER AND 10" Dia. EXHAUST DUCT TO ROOF CAP.
EF-3	CEILING MOUNTED	140	25'	100	120/60/1	710	WITH LIGHTS	TWIN CITY T150 WITH BACK-DRAFT DAMPER AND 6" Dia. EXHAUST DUCT TO ROOF CAP.

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Engineered Systems Associates

12/18/2023

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MLJ DLH
Drawn Checked

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A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr. E., Twin Falls, ID 83301
SCHEDULES AND DETAILS - PHASE 1

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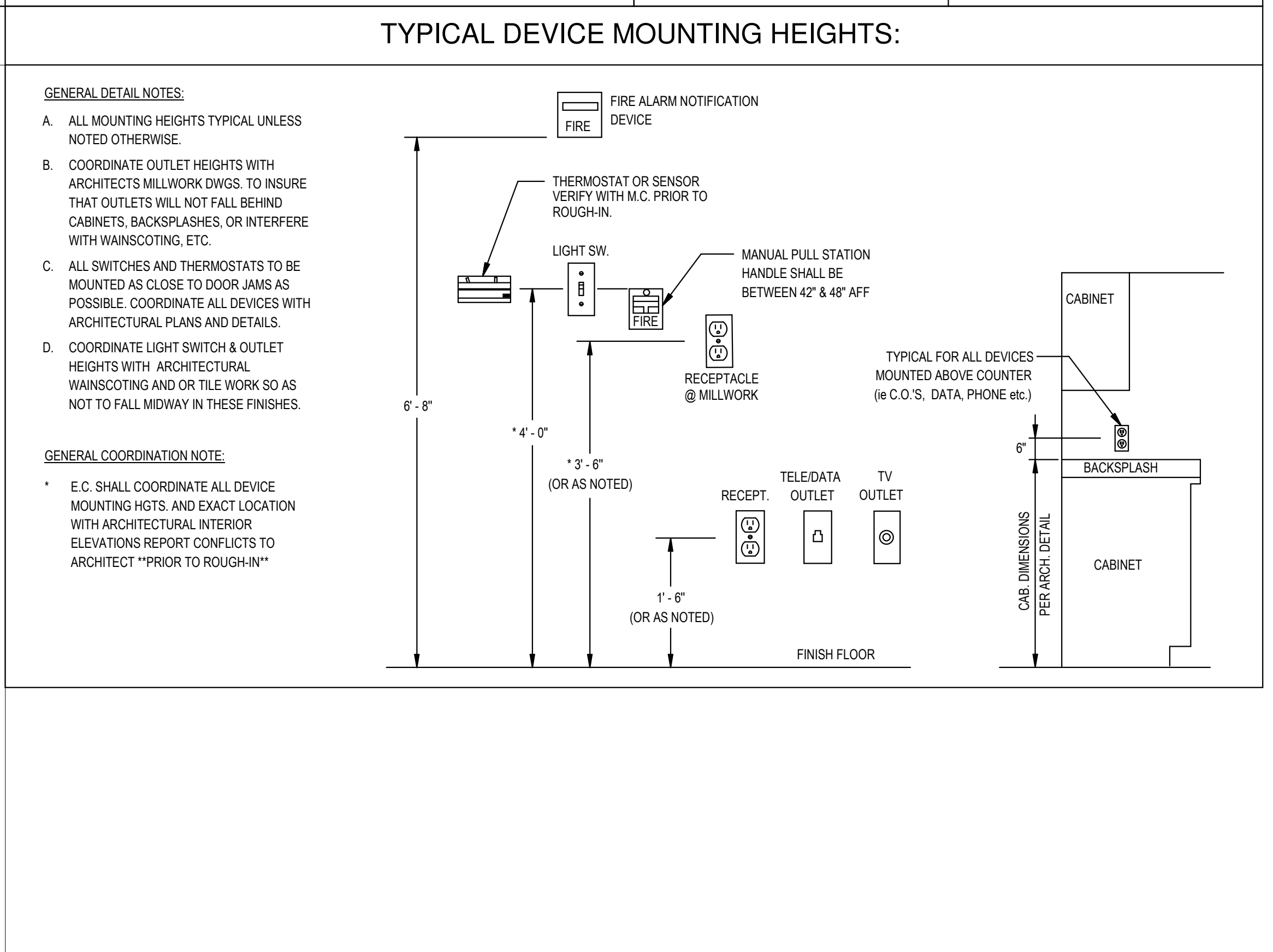
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MP1.2

ELECTRICAL SYMBOL SCHEDULE			
NOTE: ALL SYMBOLS MAY NOT BE USED			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ELECTRICAL PANELBOARD, (SEE POWER RISER AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION)	F1	LIGHT FIXTURE TYPE DESIGNATION
	DISCONNECT SWITCH, SIZE/POLES/TYPE AS INDICATED TYPES: 1-NEMA 1, 3R-NEMA 3R, 4X-NEMA 4X		PARKING AREA POLE LIGHT, SINGLE OR DOUBLE HEAD AS INDICATED ON DRAWINGS. REFER TO LIGHT POLE DETAIL FOR POLE INFORMATION.
	JUNCTION BOX		EXTERIOR WALL MOUNTED FIXTURE
	EQUIPMENT CONNECTION, COORDINATE CONNECTION WITH EQUIPMENT PRIOR TO ROUGH-IN		2X4 FLUORESCENT OR LED FIXTURE
	MOTOR CONNECTION		2X2 FLUORESCENT OR LED FIXTURE
	EXHAUST FAN CONNECTION		SURFACE MOUNTED FLUORESCENT OR LED FIXTURE
	SPECIAL RECEPTACLE (COORDINATE NEMA TYPE WITH EQUIP.) (REFER TO PANEL SCHEDULES FOR AMPS)		STRIP FLUORESCENT OR LED FIXTURE
	DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT		WALL MOUNTED FLUORESCENT OR LED FIXTURE
	GFCI-TYPE DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT		ROUND RECESSED FIXTURE
	SPLIT-WIRED RECEPTACLE, HALF OF RECEPT. SHALL BE SWITCHED OTHER HALF SHALL HAVE CONSTANT POWER.		EXIT SIGN, WALL OR CEILING MOUNTING AS REQUIRED (SINGLE OR DOUBLE FACE) DIRECTIONAL CHEVRONS AS INDICATED; CONNECT TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT IS IN THE SAME AREA AS THE EXIT SIGNS.
	DOUBLE-DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT		WALL OR CEILING MOUNTED EMERGENCY LIGHTING UNIT W/BATTERY PACK CONNECT TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT IS IN THE SAME AREA AS THE EMERGENCY LIGHT.
	GFCI-TYPE DOUBLE-DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT.		SHADED FIXTURE INDICATES AN EMERGENCY FIXTURE. PROVIDE WITH EMERG. BATTERY PACK OR CONNECT TO EMERGENCY POWER SYSTEM (WHERE APPLICABLE). CONNECT BATTERY PACK TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT SERVES THE SAME AREA AS THE EMERGENCY FIXTURE. PROVIDE WITH TEST LIGHT AND SWITCH.
RECEPTACLE AND EQUIPMENT SUBSCRIPTS		SPECIAL SYSTEMS NOTES:	
M/R USB D/W TV EWC	MICROWAVE RANGE HOOD (LOCATE ABOVE RANGE) DUPLEX RECEPT. WITH (2) USB CHARGING PORTS DISHWASHER, INSTALL PER NEC 422.16(B)(2) DISPOSAL/DISHWASHER, INSTALL PER NEC 422.16(B)(2) RECEPT. DEDICATED TO TV. FIELD VERIFY HEIGHT W/ TV PRIOR TO ROUGH-IN. ELECTRIC WATER COOKERS PROVIDE GFCI PROTECTION PER NEC 422.5(A)	AC WP RESISTANT) 42" REF M D R W	ABOVE COUNTER WEATHERPROOF (UL LISTED WEATHER-RESISTANT) MOUNTING HEIGHT AFF OR AFG REFRIGERATOR MICROWAVE CLOTHES DRYER (NEMA 14-30R) ELECTRIC RANGE (NEMA 14-50R) WELDER RECEPTACLE 208/240V - NEMA 6-50R
	HVAC THERMOSTAT OR SENSOR, COORDINATE EXACT LOCATION, SIZE AND NUMBER OF CONDUCTORS WITH M.C.		SWITCH MOUNTED OCCUPANCY SENSOR, LOW VOLTAGE SWITCHPOD OR DIMMER SWITCH, REFER TO OCCUPANCY SENSOR/SWITCH SCHEDULE FOR TYPE AND ADDITIONAL INFORMATION.
	ADDRESSABLE FIRE ALARM DETECTOR WITH BASE DETECTOR SUBSCRIPTS P PHOTOELECTRIC SMOKE DETECTOR ID IN-DUCT SMOKE DETECTOR M MULTI-STATION SMOKE DETECTOR (120V W/BATTERY BACKUP)		SINGLE-POLE SWITCH (SEE SUB-SCRIPTS BELOW FOR ADDITIONAL INFORMATION)
	WALL MOUNTED FIRE ALARM STROBE OR HORN/STROBE PROVIDE CANDELA RATINGS AS REQUIRED BY NFPA 72	SWITCH SUBSCRIPTS 3 3-WAY SWITCH 4 4-WAY SWITCH D DIMMER SWITCH (COMPATIBLE W/LOAD & LTG TYPES) F FAN TIMER, 7-DAY PROGRAMMABLE, ELECTRONIC (INTERMATIC MODEL E1600WC SERIES) P PILOT LIGHTED SWITCH	
	CEILING MOUNTED FIRE ALARM STROBE OR HORN/STROBE PROVIDE CANDELA RATINGS AS REQUIRED BY NFPA 72	LV LOW-VOLTAGE SWITCH (PER DWGS) T THERMAL OVERLOAD SWITCH M SWITCH SUPPLIED WITH EQUIPMENT, INSTALLED BY E.C. WP WEATHERPROOF 2P DOUBLE POLE, SINGLE THROW SWITCH	
GENERAL POWER & PROJECT NOTES:		GENERAL LIGHTING NOTES:	
<p>A. ALL DEVICES SHOWN AT OR NEAR MILLWORK/CASEWORK SHALL BE COORDINATED WITH THE ARCHITECTURAL ELEVATION DRAWINGS AND MILLWORK INSTALLER TO INSURE PROPER MOUNTING HEIGHTS. ADJUST DEVICES SUCH THAT THEY WILL NOT FALL BEHIND MILLWORK, CABINETS OR BE DIRECTLY ABOVE SINKS OR MIDWAY BETWEEN TILEWORK/WALL OR WAINSCOTINGS, ETC.</p> <p>B. CONTRACTOR SHALL INSTALL PROVIDE GFCI PROTECTION OF RECEPTACLES SHOWN IN BATHROOMS, KITCHENS, OUTDOORS OR WITHIN 5FT OF ANY SINK, BASIN, TUB OR FLOOR SINK AND ALL OTHER AREAS DEFINED BY THE NEC.</p> <p>C. E.C. SHALL REFER TO THE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND ELECTRICAL CONNECTIONS.</p> <p>D. E.C. SHALL PROVIDE MINIMUM WORKING CLEARANCE AS PER NEC BEFORE INSTALLING ANY ELECTRICAL PANELS OR CABINETS. SEE ELECTRICAL EQUIPMENT CLEARANCE DETAIL.</p> <p>E. E.C. SHALL COORDINATE WITH ALL SPECIAL SYSTEMS SUPPLIER/SHOP DRAWINGS; DENTAL, MEDICAL, KITCHEN, POOL, ETC. FOR SPECIFIC ELEC. REQUIREMENTS.</p> <p>F. ALL CONDUIT/RACEWAY CABLES TO BE CONCEALED IN WALLS OR ABOVE CEILINGS. IF ANY SURFACE WORK IS NECESSARY, IT SHALL BE APPROVED BY THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION.</p> <p>G. ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND THOROUGHLY INVESTIGATE THE EXISTING CONDITIONS, AS THEY RELATE TO THE SCOPE OF WORK DESCRIBED. MAKE NECESSARY PROVISIONS IN THE BASE BID TO ADEQUATELY ACCOMMODATE THESE CONDITIONS.</p>		<p>A. SYMBOLS SHOWN ABOVE MAY NOT REPRESENT ALL LIGHT FIXTURES USED ON PROJECT, REFER TO LIGHT FIXTURE SCHEDULE FOR ACTUAL FIXTURE INFORMATION INCLUDING FIXTURE TYPE, LAMPING, MOUNTING AND ETC.</p> <p>B. JUNCTION BOXES FOR LIGHTING CIRCUITING ARE NOT SHOWN FOR CLARITY, THE E.C. IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL JUNCTION BOXES REQUIRED FOR CIRCUITING OF ALL LIGHT FIXTURES THAT ARE NOT LISTED FOR "THROUGH-BRANCH CIRCUIT WIRING".</p> <p>C. IN GENERAL ALL SWITCH-LEG CONDUCTORS MAY NOT BE SHOWN ON DRAWINGS, E.C. SHALL PROVIDE AND INSTALL CONDUCTORS AS REQUIRED TO ACHIEVE CONTROL SCHEMES INDICATED AND DESCRIBED ON DRAWINGS, INCLUDING ALL 0-10V DIMMING CONTROLS BETWEEN SWITCH AND FIXTURES.</p> <p>D. ALL BATTERY EXIT SIGNS AND EMERGENCY LIGHTING TO BE CONNECTED TO THE UNSWITCHED LEG OF THE LIGHTING CIRCUIT IN THE AREA.</p> <p>E. INSTALL ALL LIGHT FIXTURES IN MECHANICAL ROOM AFTER THE MECHANICAL EQUIPMENT IS IN PLACE. ADJUST AS NECESSARY. PROVIDE CHAIN SUSPENSION KITS AS REQUIRED.</p> <p>F. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS) FOR EXACT FIXTURE LOCATIONS, CEILING TYPES, ETC.</p> <p>G. LOCATE SWITCHES, OUTLETS, ETC., SHOWN AT ROOM ENTRY DOORWAYS, AS CLOSE TO DOOR FRAME AS POSSIBLE, SO AS NOT TO INTERFERE WITH ROOM CABINETS, ETC.</p>	
GENERAL SPECIAL SYSTEM NOTES:		<p>A. COMMUNICATIONS CABLES SHALL HAVE BENDS NO GREATER THAN 90 DEG.</p> <p>B. CONDUITS FOR COMMUNICATIONS CABLING SHALL HAVE A MAXIMUM BEND RADIUS NOT MORE THAN 10X THE DIAMETER OF THE CONDUIT.</p> <p>C. ALL COMMUNICATIONS CONDUITS SHALL BE TERMINATED WITH AN INSULATED NON-METALLIC BUSHING AT BOTH ENDS.</p> <p>D. COMMUNICATIONS CONDUITS SHALL HAVE NO MORE THAN (2) 90'S WITHOUT A PULLBOX. PULL BOXES SHALL BE LOCATED IN ACCESSIBLE LOCATIONS AND SHALL BE SIZED AT LEAST 12X THE LARGEST CONDUIT DIAMETER IN LENGTH AND MIN. 4" DEEP AND 8" WIDE.</p> <p>E. IT SHALL BE THE RESPONSIBILITY OF THE E.C. TO INSURE THAT THE PATHWAY FOR THE DATA CABLING DOES NOT GREATEN CABLE LENGTHS TO EXCEEDS THE LENGTH OF 295FT FROM OUTLET TO PATCH PANEL. THIS INCLUDES SERVICE LOOPS AND PATCH CORDS.</p> <p>F. CONFIRM EXACT LOCATIONS OF ALL TELEPHONE/DATA OUTLETS WITH OWNER PRIOR TO ROUGH-IN.</p> <p>G. MAINTAIN 24" MIN. CLEARANCE FROM ALL COMMUNICATIONS CABLING AND ELECTRONIC BALLASTS.</p> <p>H. DATA CABLING SYSTEM PRE-INSTALLATION CONFERENCE: 1. E.C. SHALL SCHEDULE A MEETING A MINIMUM OF FIVE CALENDAR DAYS PRIOR TO BEGINNING DATA CABLING INSTALLATION. ATTENDEES SHOULD INCLUDE OWNER'S REP., ENGINEER, GC, EC AND CABLING SUB.</p>	

ABBREVIATIONS			
P	SINGLE POLE	V	KILOVOLT
1PH	SINGLE-PHASE	KVA	KILOVOLT AMPERE
2/C	TWO-CONDUCTOR	KW	KILOWATT
3/C	THREE-CONDUCTOR	KWH	KILOWATT HOUR
3P	THREE POLE	LED	LIGHT EMITTING DIODE
3PH	THREE-PHASE	LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
3W	THREE-WIRE	LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
4W	FOUR-WIRE	LTG	LIGHTING
AC	ABOVE COUNTER	LV	LOW VOLTAGE
ADA	AMERICANS WITH DISABILITIES ACT	MAX	MAXIMUM
AFB	ABOVE FINISHED FLOOR	M.C.	MECH. CONTRACTOR
AFG	ABOVE FINISHED GRADE	MCA	MINIMUM CIRCUIT AMPS
AIC	AMPERE INTERRUPTING CAPACITY	MCB	MAIN CIRCUIT BREAKER
AL	ALUMINUM	MCC	MOTOR CONTROL CENTER
A or	AMPERE	MDP	MAIN DISTRIBUTION PANEL
AMP	ANNUNCIATOR	MH	MANHOLE
ANN	ACCESS POINT	MIN	MINIMUM
AP	(WIRELESS DATA)	MLO	MAIN LUGS ONLY
ATS	AUTOMATIC TRANSFER SWITCH	MOC	MAXIMUM OVERCURRENT PROTECTION
AV	AUDIO VISUAL	NA	NOT APPLICABLE
AWG	AMERICAN WIRE GAGE	NC	NORMALLY CLOSED
BFG	BELOW FINISHED GRADE	NEC	NATIONAL ELECTRICAL CODE
C	CEILING MOUNTED	NEMA	NATIONAL ELECTRICAL
CATV	CABLE TELEVISION	NECA	MANUFACTURERS ASSOCIATION
CB	CIRCUIT BREAKER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CCTV	CLOSED CIRCUIT TELEVISION	NIC	NOT IN CONTRACT
CKT	CIRCUIT	NL	NIGHT LIGHT
C	CONDUIT	NO	NORMALLY OPEN
CP	CONTROL PANEL	NTS	NOT TO SCALE
CT	CURRENT TRANSFORMER	OC	ON CENTER
CU	COPPER	OH DR	OVERHEAD DOOR
DS	DISCONNECT SWITCH	OL	OVERLOAD
EA	EACH	PB	PUSHBUTTON
E.C.	ELECTRICAL CONTRACTOR	P	PHASE
EM	EMERGENCY	PNL	PANEL
EMT	ELECTRICAL METALLIC TUBING	PT	POTENTIAL TRANSFORMER
ENT	ELECTRICAL NONMETALLIC TUBING	PTZ	PAN/TILT/ZOOM
EPO	EMERGENCY POWER OFF	QTY	QUANTITY
EQUIP	EQUIPMENT	RCP	REFLECTED CEILING PLAN
EX	EXISTING	RMC	RIGID METAL CONDUIT
FA	FIRE ALARM	RNC	RIGID NONMETALLIC CONDUIT
FACP	FIRE ALARM CONTROL PANEL	RSC	SHORT CIRCUIT AMPS
FLA	FULL LOAD AMPS	SCA	STANDARD COLOR BY ARCHITECT
FMC	FLEXIBLE METAL CONDUIT	SCB	STANDARD COLOR BY ARCHITECT
GND	GROUND	SF	SQUARE FOOT (FEET)
G.C.	GENERAL CONTRACTOR	SPD	SURGE PROTECTION DEVICE
GEN	GENERATOR	SPEC	SPECIFICATION
GF	GROUND FAULT CIRCUIT INTERRUPTER	SWBD	SWITCHBOARD
GP	GROUND FAULT PROTECTION	SWGR	SWITCHGEAR
HD	HEAVY DUTY	TL	TWIST LOCK
HID	HIGH INTENSITY DISCHARGE	TP	TWISTED PAIR
HOA	HAND-OFF-AUTOMATIC	TTB	TELEPHONE TERMINAL BOARD
HP	HORSE POWER	TV	TELEVISION
HPS	HIGH PRESSURE SODIUM	TYP	TYPICAL
HV	HIGH VOLTAGE	UG	UNDERGROUND
HZ	HERTZ	UPS	UNINTERRUPTIBLE POWER SUPPLY
IG	ISOLATED GROUND	V	VOLTS
IMC	INTERMEDIATE METAL CONDUIT	VA	VOLT AMPERE
J-BOX	JUNCTION BOX	V.I.F.	VERIFY IN FIELD
		VFD	VARIABLE FREQUENCY DRIVE
		WAP	WIRELESS ACCESS POINT
		W/	WITH
		W/O	WITHOUT
		WP	WEATHERPROOF
		XFMR	TRANSFORMER

ELECTRICAL SPECIFICATIONS	
1. INTENT: Provide and install complete and operable electrical systems including but not limited to; lighting, power, receptacles, data, fire alarm and etc. Provide all required connections to all Mechanical and Plumbing equipment, as indicated and required, including all conduits, wiring and controls. Coordinate with mechanical contractor and drawings.	7. EXECUTION: Provide installation: Separate underground conduits in a common trench 4" minimum horizontally, 12" minimum from other utility lines. Minimum conduit depth shall be 18". Coordinate conduit installation with pipes, steel, footings and ducts installed by other trades. Install conduit runs exposed to view parallel or at right angles to structural members, walls or building lines. Support conduit with one-hole malleable factory made pipe straps, fastened with screws.
2. COMPLIANCE WITH CODES: All work and material shall comply with all applicable codes, safety orders, laws, ordinances and regulations of governing authorities and other agencies having jurisdiction including regulations of the State and Local Fire Marshall, unless detailed as specified to a more restrictive standard or higher requirement.	8. OPERATING AND ADJUSTING: The owner reserves the right to operate any systems of equipment prior to final completion and acceptance of the work. Such preliminary operation shall not be construed as an acceptance of any work. Each piece of equipment and all of the systems shall be adjusted to insure proper functioning and shall be left in first class operating condition.
3. INTERPRETATION OF DRAWINGS: The electrical drawings are essentially diagrammatic in that all provisions necessary to conform to structural, architectural, mechanical and plumbing systems can not be shown. All installations shall be adjusted as necessary to conform and to avoid obstructions, without additional cost to the owner. All work, material and equipment called for by notes, schedules or otherwise indicated on the drawings shall be furnished and installed as though fully set forth in these specifications.	9. CUTTING AND PATCHING: Do all drilling and cutting as necessary for installation of equipment or conduit. Cutting or drilling of structure is only permitted with prior approval of the owner and structural engineer. Where cutting and patching of work is necessary, use the same materials, workmanship and finish to neatly match all surrounding work.
4. VISITING THE SITE: Contractor shall visit the site and become acquainted with conditions to be encountered. Extra funds will not be allowed due to failure to examine the site and to included existing conditions in bid price.	10. CONDUIT: All conduit material and installation methods shall be as allowed by the NEC, local AHJ and as directed by the owner.
5. COORDINATION WITH UTILITIES: These plans have been prepared without utility company comments. The contractor shall verify exact requirements for the electrical, telephone and communication services with the utility company representatives and provide all work and pay all costs for a complete and operating systems, as directed by the governing utilities.	11. CONDUCTORS: Type THWN or THHN copper wire insulated for 600V. Smallest wire shall be #14 AWG unless noted otherwise. All wiring shall be Copper unless indicated otherwise. Type MC cable shall be permitted, provided it is installed in concealed areas and installation complies with the Local AHJ and NEC requirements. Use "Ideal Yellow" pulling compound for all wire pulls. Use Scotchlock connectors for all splices in #12 wire and tape banded pressure connectors for larger wire.
6. MATERIALS AND WORKMANSHIP: All workmanship shall be performed by skilled electricians using the best standard practices of the trade. All materials shall, unless otherwise noted, be new and in perfect condition and working order. All material for similar uses shall be of the same type, material and manufacturer for ease of future maintenance. All equipment shall be readily accessible for maintenance and repairs. All materials, fixtures and equipment shall be covered or sealed upon installation so as to provide for safety and to insure that operation and appearance will be maintained after subsequent construction operations.	12. GROUNDING: All conduit, branch circuits, feeders and etc. shall be provided with a grounding conductor. All grounding conductors shall be insulated and green in color, size as shown.
	13. WIRING DEVICES: Devices shall be Standard type. Specification grade, color as selected by owner. Decora style devices are prohibited. Utilize GFCI and Tamper-proof devices in all locations as defined by the NEC. Wiring devices shall be as installed as allowed by the NEC, local AHJ.
	14. DEVICE PLATES: Devices plate type and color shall be as directed by owner and as required by the NEC.
	15. LIGHTING FIXTURES: As selected by owner and/or indicated in schedules. All light fixtures shall be installed and connected by the Electrical Contractor.
	16. SERVICE EQUIPMENT & PANELBOARDS: Service Equipment: Shall be rated as such and shall comply with local utility co. requirements. Panelboards: Shall be provided with typed writtend directories indicating loads being served. Maintain all required clearances around equipment as required by the NEC. All equipment dimensions to be field verified.
	17. CLEAN-UP: Upon completion of the work, prior to final inspection, thoroughly clean all exposed fixtures, trim and equipment and leave the entire installation in a neat, clean and usable condition. Remove all cement, paint, grease, oil and other foreign substances.
	18. TEST: Test all conductors for shorts, opens, grounds or other defects. Correct any defective work and re-test. Demonstrate continuous satisfactory operation of all electrical systems and equipment. Provide training to the owner on electrical systems as needed for owner operation and maintenance of building.
	19. GUARANTEE: Prior to final acceptance of the project, deliver to the owner a written one year guarantee on all workmanship, materials and equipment and agree to repair or replace all such defective items promptly that may occur during the warranty period; including repair or replacement of the premises that may be damaged due to faulty work and materials furnished under contract.



A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr., E., Twin Falls, ID 83301
ELECTRICAL SYMBOLS & DETAILS

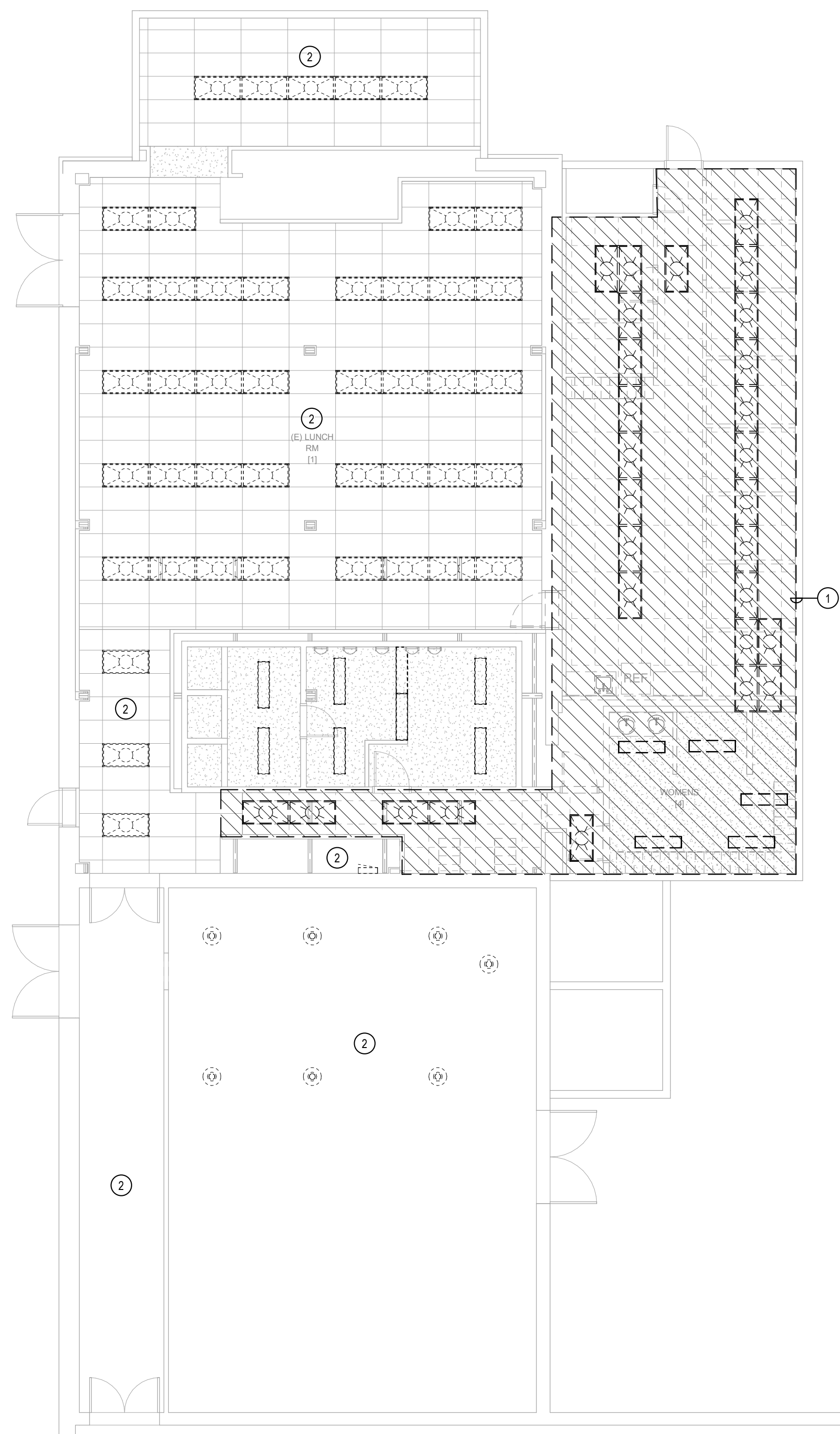
Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 756-8050

DATE: 21/08/2023

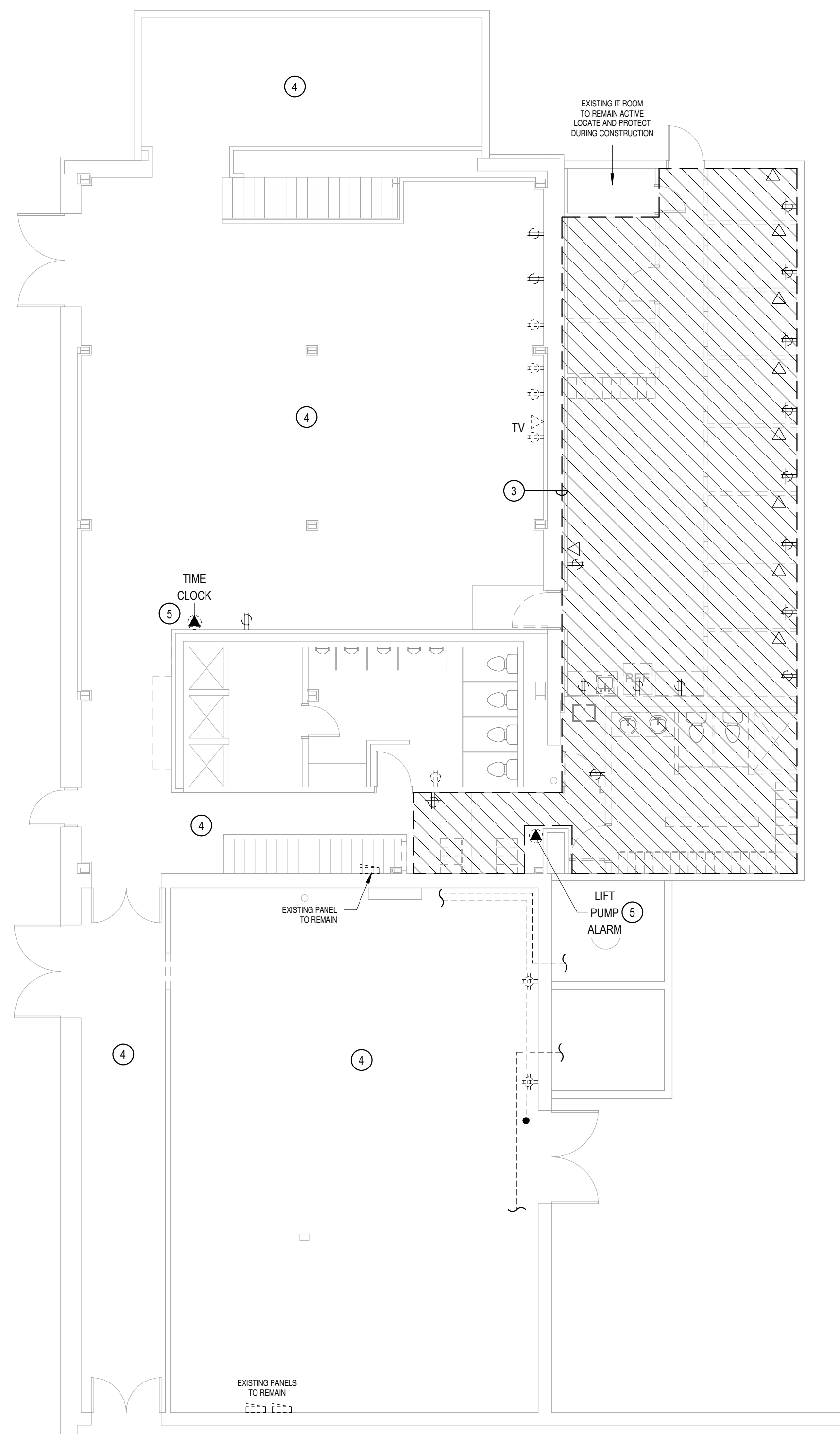
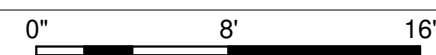
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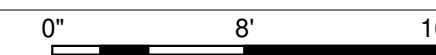
PROJECT #: 2335
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1 EXISTING LIGHTING PLAN - PHASE 1
SCALE: 1/8" = 1'-0"



2 EXISTING POWER/DATA PLAN - PHASE 1
SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- A. ALL EXISTING ELECTRICAL MAY NOT APPEAR ON THESE PLANS, HOWEVER THE ABOVE INFORMATION APPLIES.
- B. PROVIDE AND INSTALL BLANK COVERS ON ALL UNUSED SWITCH/OUTLET/J-BOXES WHERE REQUIRED.
- C. ALL WALL DEVICES THAT ARE EXISTING TO REMAIN, SHALL BE ADAPTED TO NEW WALL COVERINGS, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT WALL LOCATIONS, THICKNESS, ETC.
- D. PRIOR TO THE START OF ANY DEMOLITION WORK, DISCONNECTING ANY POWER AND OR TELE/DATA SYSTEMS, THE CONTRACTOR SHALL COORDINATE DOWN-TIME WITH THE OWNER.
- E. REFER TO ARCHITECTURAL PLANS FOR EXTENT OF DEMOLITION, DETAILS, ETC.
- F. REMOVE OR RELOCATE ELECTRICAL AS NECESSARY FOR NEW WORK.
- G. WHERE EXISTING CIRCUITS ARE TO BE RE-USED, EXTEND AS NECESSARY. MAINTAIN ELECTRICAL CONTINUITY TO DOWNSTREAM EQUIPMENT TO REMAIN.
- H. EXISTING SHOWN TO REMAIN, MAY NEED TO BE REMOVED AND RE-INSTALLED ONLY AS NECESSARY FOR EXTENDING OR MODIFICATION OF EXISTING CIRCUITS OR WIRING.
- I. REFER TO MECHANICAL PLANS FOR EXTENT OF MECHANICAL EQUIPMENT TO BE REMOVED OR RELOCATED.
- J. REMOVE ALL UNUSED EQUIPMENT WIRING, CONDUIT AND BOXES IN ALL AREAS. ABANDON ONLY IN CONCEALED AREAS.
- K. CONTRACTOR MY UTILIZE ANY EXISTING CONDUIT WHERE COMPATIBLE WITH NEW DESIGN, AND IF IN GOOD CONDITION AND COMPLIES WITH SPECIFICATIONS.
- L. WHEN ANY MODIFICATIONS ARE MADE TO ANY EXISTING ELECTRICAL PANEL TO REMAIN, CONTRACTOR TO PROVIDE NEW TYPE WRITTEN INDEX TO REFLECT ALL NEW AND EXISTING LOADS.
- M. REMOVE ALL EQUIPMENT, RACEWAYS, CABLES, ETC. NOT USED IN FINISHED AREAS.

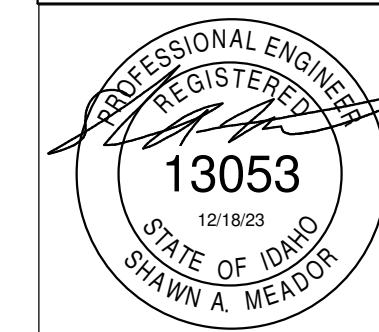
KEY NOTES:

- 1 EXISTING LIGHTING AND CONTROLS IN THIS AREA SHALL BE DISCONNECTED AND REMOVED TO ACCOMMODATED NEW CONSTRUCTION. E.C. SHALL LOCATE AND MAINTAIN EXISTING LIGHTING CIRCUIT HOMERUN FOR NEW LIGHTING. MAINTAIN/RE-ESTABLISH CONTINUITY TO ALL DOWNSTREAM DEVICES THAT ARE TO REMAIN.
- 2 EXISTING LIGHTING AND CONTROLS IN THIS AREA/ROOM SHALL REMAIN ACTIVE, UNLESS NOTED OTHERWISE. LOCATE AND PROTECT DURING CONSTRUCTION.
- 3 ALL EXISTING ELECTRICAL DEVICES, DATA AND ETC WITHIN THIS AREA SHALL BE DISCONNECTED AND REMOVED (UNLESS SPECIFICALLY INDICATED OTHERWISE) IN ITS ENTIRETY TO ACCOMMODATE THE REMODEL. EXISTING CIRCUIT HOMERUNS SHALL BE MAINTAINED AND REUSED AS NEEDED FOR NEW DEVICES. E.C. SHALL MAINTAIN/RE-ESTABLISH CONTINUITY TO ALL DOWNSTREAM EQUIPMENT/DEVICES THAT ARE TO REMAIN.
- 4 EXISTING ELECTRICAL DEVICES IN THIS ROOM/AREA SHALL REMAIN ACTIVE, UNLESS NOTED OTHERWISE. LOCATE AND PROTECT DURING CONSTRUCTION.
- 5 EXISTING EQUIPMENT TO REMAIN ACTIVE; LOCATE AND PROTECT DURING CONSTRUCTION.

DATE: 12/18/2023
REVISION #1 - PHASED DRAWINGS

A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr., E., Twin Falls, ID 83301
EXISTING ELECTRICAL PLANS - PHASE 1

Laughlin Ricks Architecture
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LIGHTING FIXTURE SCHEDULE - PHASE 1

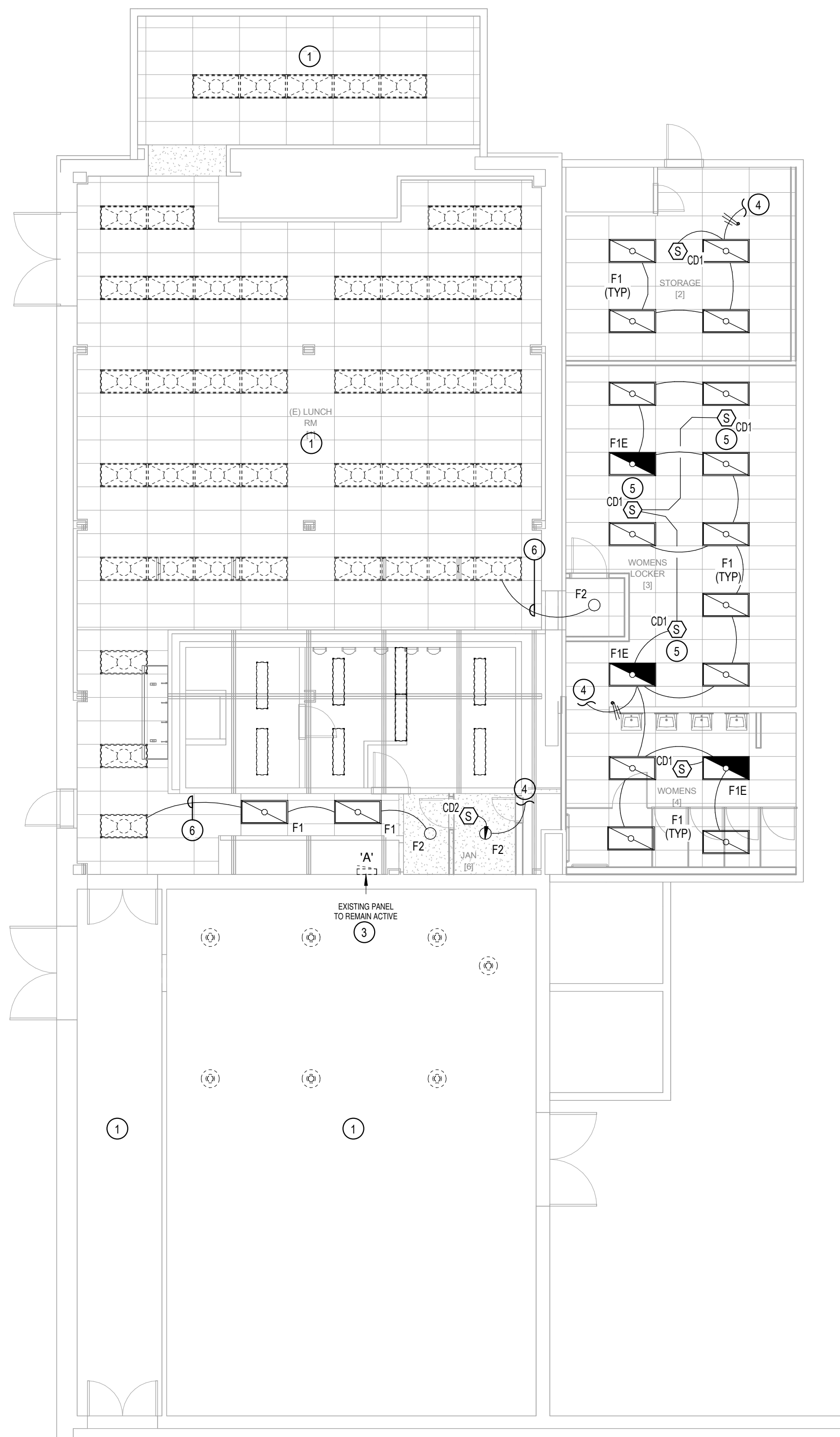
TYPE	DESCRIPTION	MOUNTING	VOLTS	WATTS	LUMENS	COLOR TEMP.(K)	MFGR.	CATALOG #	APPROVED MFGR'S	NOTES
F1	2X4 LAY-IN LED, FIELD SELECTABLE LUMENS/CCT	RECESSED	120-277	40 W	MED.	5000	COOPER LTG	24CGTS-L3C3	LITHONIA	
F1E	2X4 LAY-IN LED, FIELD SELECTABLE LUMENS/CCT, EMERG. BATTERY PACK	RECESSED	120-277	40 W	MED.	5000	COOPER LTG	24CGTS-L3C3 EL14W	LITHONIA	
F2	12" ROUND SURFACE LED, FIELD SELECTABLE CCT	SURFACE	120-277	25 W		5000	COOPER LTG	SMD12R-20-9S-WH-E	LITHONIA	

LIGHTING CONTROL/OCCUPANCY SENSOR SCHEDULE

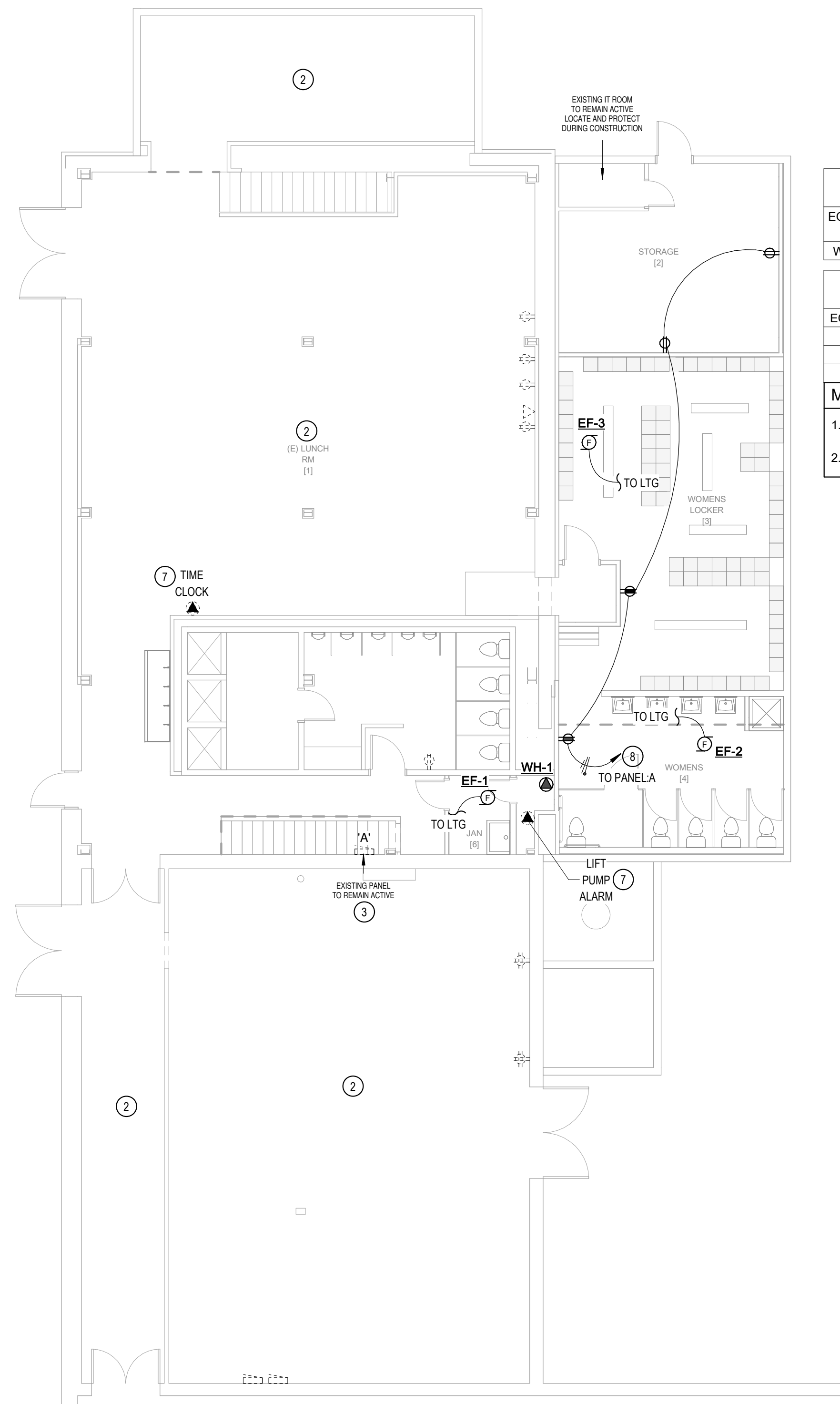
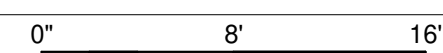
TYPE	DESCRIPTION	MFGR.	CATALOG #	APPROVED EQUALS	NOTES
OCC. SENSORS - CEILING (LINE VOLTAGE)					
CD2	DUAL-TECHNOLOGY, LINE VOLTAGE, SMALL MOTION 800W MAX LOAD	SENSOR SWITCH	CMR PDT 9	COOPER, WATTSOPPER, HUBBELL	
OCC. SENSORS - CEILING (LOW VOLTAGE)					
CD1	DUAL-TECHNOLOGY, SMALL MOTION 360 DEGREE COVERAGE, LOW VOLTAGE, W/ISOLATED RELAY	SENSOR SWITCH	CM PDT 9 R	COOPER, WATTSTOPPER, HUBBELL	1

CONTROL & OCCUPANCY SENSOR SCHEDULE NOTES:

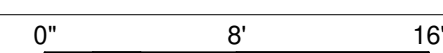
- PROVIDE ADDITIONAL POWER PACKS; SENSOR SWITCH PP20 AS NEED FOR QTY OF OCCUPANCY SENSORS/SWITCHES.
- DEVICE COLOR SHALL MATCH WIRING DEVICES; REFER TO SPECIFICATIONS.
- REFER TO MANUFACTURER DOCUMENTATION FOR QTY AND SIZE OF CONDUCTORS BETWEEN LOW VOLTAGE SWITCH, SENSOR(S) AND POWER/RELAY PACKS.
- PROVIDE SECONDARY RELAY PACK; SENSOR SWITCH SP20 AS NEEDED TO PROVIDE DUAL-LEVEL SWITCHING OF FIXTURES.
- PROVIDE 0-10V DIMMING CONDUCTORS (GRAY & VIOLET) BETWEEN SWITCH AND LIGHT FIXTURES FOR DIMMING CONTROL.



1 NEW LIGHTING PLAN - PHASE 1
SCALE: 1/8" = 1'-0"



2 NEW POWER/DATA PLAN - PHASE 1
SCALE: 1/8" = 1'-0"



MECH. - WATER HEATER SCHEDULE

EQUIP. ID	VOLTS / PH.	WATTS	FLA	C.B. SIZE	CIRCUIT TO	FEEDER	DISCONNECT	NOTES
WH-1	208 V / 1 PH.	4500 W	22 A	30 A	A	3/4"C, 2#10 + 1#10G	30A - NONFUSED/1	2

MECH. - EXHAUST FAN SCHEDULE - PHASE 1

EQUIP. ID	VOLTS / PH.	WATTS	FLA	FEEDER	CONTROL	NOTES
EF-1	120 V / 1 PH.	100 W	1 A	1/2"C, 2#12 + 1#12G	W/LIGHTS	1
EF-2	120 V / 1 PH.	100 W	1 A	1/2"C, 2#12 + 1#12G	W/LIGHTS	1
EF-3	120 V / 1 PH.	100 W	1 A	1/2"C, 2#12 + 1#12G	W/LIGHTS	1

MECHANICAL SCHEDULE NOTES:

- CIRCUIT AND CONTROL EXHAUST FAN WITH ROOM LIGHTING CIRCUIT. SET OCC. SENSOR TO LONGEST TIME-DELAY.
- PROVIDE AND INSTALL LOCAL DISCONNECT SWITCH.

GENERAL NOTES:

- REFER TO SYMBOL SCHEDULE SHEET FOR PROJECT GENERAL NOTES AND GENERAL NOTES ASSOCIATED WITH THE INSTALLATION OF EACH SYSTEM, INCLUDING BUT NOT LIMITED TO: LIGHTING, POWER, FIRE ALARM, SPECIAL SYSTEMS, ETC.

KEY NOTES:

- EXISTING LIGHTING AND CONTROLS IN THIS AREA/ROOM SHALL REMAIN ACTIVE, UNLESS NOTED OTHERWISE. LOCATE AND PROTECT DURING CONSTRUCTION.
- EXISTING ELECTRICAL DEVICES IN THIS ROOM/AREA SHALL REMAIN ACTIVE, UNLESS NOTED OTHERWISE. LOCATE AND PROTECT DURING CONSTRUCTION.
- EXISTING 208Y/120V, SQ. D NODD PANELBOARD TO REMAIN ACTIVE, E.C. SHALL PROVIDE AND INSTALL NEW 20A/1P TANDEM BREAKERS AS NECESSARY TO ACCOMMODATE ADDITIONAL CIRCUITS INDICATED ON DRAWINGS.
- CONNECT TO EXISTING LIGHTING CIRCUIT IN AREA MADE AVAILABLE DURING DEMOLITION, FIELD VERIFY HOMERUN LOCATION.
- CONNECT ALL OCCUPANCY SENSORS IN ROOM IN PARALLEL SO THAT ANY OCC. SENSOR WILL TURN ON ALL ROOM LIGHTING.
- CONNECT TO EXISTING LIGHTING CIRCUIT/CONTROLS.
- EXISTING EQUIPMENT TO REMAIN ACTIVE; LOCATE AND PROTECT DURING CONSTRUCTION.
- UTILIZE EXISTING CIRCUIT MADE AVAILABLE FROM DEMOLITION OR PROVIDE TANDEM 20A BREAKER IN EXISTING PANEL TO PROVIDE ADDITIONAL CIRCUITS.

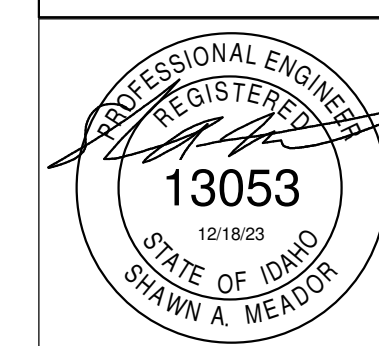
A REMODEL FOR:
AMALGAMATED SUGAR LOCKER ROOM
2320 Orchard Dr., E., Twin Falls, ID 83301
NEW ELECTRICAL PLANS - PHASE 1

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DATE: 21/08/2023

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PROJECT #: 2335
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