CUC - GRAND JUNCTION

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07/30/2024



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CTAMD

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CUC - GRAND JUNCTION CREDIT UNION OF COLORADO

Date Issue/Description
O7/30/2024 ISSUE FOR PERMIT

 Project No:
 CUC15.30

 Drawn By:
 TT

 Checked By:
 HB

COVER SHEET

G001

ABBREVIATIONS FIBER REINFORCED POWER POLE PR PAIR ΑT FRT FIRE RETARDANT POUNDS PER SQUARE PSF ANCHOR BOLT TREATED WOOD ABV ABOVE FT FOOT POUNDS PER SQUARE PSI AIR CONDITIONER FTG FOOTING ACT ACOUSTIC TILE CEILING PRESSURE TREATED ADD ADDENDUM PTD PAPER TOWEL ADJ ADJACENT DISPENSER GΑ GAUGE ADJUSTABLE PTR PAPER TOWEL GALV GALVANIZED ABOVE FINISHED RECEPTOR GRAB BARS GB FI OOR PVC POLYVINYL CHLORIDE GC **GENERAL** ALTERNATE **PVMT** PAVEMENT CONTRACTOR ALUMINUM PWD PLYWOOD GALVANIZED IRON **AMPERES** GL GLASS ANCR ANCHOR GR GRADE ANODIZED ANOD RETURN AIR RA GWH GAS WATER HEATER APPROX **APPROXIMATE** RAD RADIUS GYP BD GYPSUM BOARD ARCHITECT/URAL RUBBER BASE ASPH ASPHALT ROOF DRAIN RD REC RECESSED HOSE BIBB HB REF REFERENCE/REFER **HOLLOW CORE** B.O. BOTTOM OF REFL REFLECTED HEAD HD BD BOARD REINF REINFORCED HOLD-DOWN BLDG BUILDING REQ'D REQUIRED HEADER HDR BLK BLOCK HANGER RET RETAINING HGR BLKG BLOCKING REV REVISION HM HOLLOW METAL BM BEAM RM ROOM HMD HOLLOW METAL DOOR BM. BENCH MARK RO ROUGH OPENING HMF HOLLOW METAL FRAME BOT BOTTOM ROW RIGHT OF WAY HORZ HORIZONTAL BASE PLATE ROUGH SAWN RS HRD BRG BEARING RSC ROUGH SAWN CEDAR HOLLOW STRUCTURAL HSS BRZ BRONZE STEEL SECTION BRITISH THERMAL UNIT BTU HEIGHT BUR **BUILT-UP ROOF** HTG HEATING SOUTH STAIN AND VARNISH HEATING/VENTILATING/ S&V AIR CONDITIONING S.DISP. SOAP DISPENSER CAB CABINET SAT SUSPENDED CB CATCH BASIN ACOUSTICAL CEILING CEM. CEMENT ID INSIDE DIAMETER SC SOLID CORE CFT CUBIC FOOT INCH(ES) SCH SCHEDULE IN CI CAST IRON INCL INCLUDE SD STORM DRAIN CIP CAST IN PLACE INSUL INSULATION SEC SECTION CJ CONTROL JOINT INT INTERIOR SQUARE FOOT CL CENTER LINE SHT SHEET CLR CLEAR(ANCE) SHTHG SHEATHING CMU CONCRETE MASONRY JANITOR CLOSET SIM SIMILAR UNIT JST JOIST SOG SLAB ON GRADE CO CASED OPENING SPA JOINT SPACE(S) CO CLEAN OUT SPEC SPECIFICATION COL COLUMN SQ. SQUARE CONC CONCRETE KIPS SS SANITARY SEWER CONNECTION CONN KIPS PER SQUARE KSF SSK SERVICE SINK CONST CONSTRUCTION FOOT SST STAINLESS STEE CONT CONTINUOUS STEEL ST CORR CORRUGATED STD STANDARD CPT CARPET(ED) LAMINATED STORAGE STOR CYD CUBIC YARD LAVATORY STRUCT STRUCTURAL LINEAL FOOT SUSP SUSPENDED LONG SYM SYMMETRICAL DRYER LIVE LOAD SYN SYNTHETIC DBL DOUBLE LLH LONG LEG HORIZONTAL DEMOLITION DEV DEVELOPMENT LT LIGHT TOP AND BOTTOM T&B DF DRINKING FOUNTAIN LVR LOUVER TONGUE AND GROOVE T&G DH DOUBLE HUNG LW LIGHT WEIGHT T.O. TOP OF DROP INLET LIGHT WEIGHT BLOCK T.O.S. TOP OF STEEL DIA DIAMETER TOP CHORD TCX DIAG DIAGONAL EXTENSION DIM DIMENSION MASONRY MAS TELEPHONE DIST DISTRIBUTED

MATERIAL

MAXIMUM

MECHANICAL

MANHOLE

MINIMUM

MIRROR

MOUNTED

METAL

MULLION

NORTH

NUMBER

NOMINAL

OVERALL

ON CENTER

OUTSIDE DIAMETER OR OVERFLOW DRAIN

OWNER FURNISHED

CONTRACTOR

INSTALLED

OVER HEAD

OPENING

OPPOSITE

OPEN WEB STEEL

OVEN

JOIST

PRECAST

PREMOLDED

PERFORATED

PRE-FINISHED

PROPERTY LINE

PLASTIC LAMINATE

PLATE

PAINT(ED)

POS POINT OF SALE

EXPANSION JOINT

MANUFACTURING

MANUFACTURER

MISCELLANEOUS

MASONRY OPENING

NOT IN CONTRACT

NOT TO SCALE

JOINT

MASONRY CONTROL

TEMP

THK

THRD

TYP

UNO

VAR

VCT

VIF

VWC

W.FM.

W/O

WB

WC

WD

WF

WHS

WIN

WT

TEMPERED

THREADED

TELEVISION

UNLESS NOTED

VINYL COMPOSITION

VERIFY IN FIELD

WELDED FRAME

VAPOR RETARDER

VINYL WALL COVERING

OTHERWISE

URINAL

VARIES

VERTICAL

WEST

WITH

WITHOUT

WOOD

WINDOW

WEIGHT

WTW WALL TO WALL

WOOD BASE

WATER CLOSET

WIDE FLANGE

WALL HYDRANT

WATERPROOFING

WELDED WIRE FABRIC

WELDED HEADED STUD

THICK

TYPICAL

MATL

MFR

MH

MIN

MIR

MO

MTD

MTL

MULL

NO, #

NOM

OA

OC

OPP

OVN

OWSJ

PLAM

PNT

GENERAL NOTES

- 1. THE CONSTRUCTION DOCUMENTS (I.E. DRAWINGS, SPECIFICATIONS) SHALL NOT BE USED FOR ISSUANCE OF BUILDING PERMITS UNLESS SIGNED AND SEALED BY THE ARCHITECT. 2. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS. DISCREPANCIES SHALL BE BROUGHT TO THE
- ATTENTION OF THE ARCHITECT WHEN DISCOVERED. 3. CONSTRUCTION SHOWN AND SPECIFIED SHALL CONFORM TO ALL APPLICABLE BUILDING CODES. WHERE CODES
- CONFLICT WITH THESE DRAWINGS, CODE REQUIREMENT SHALL TAKE PRECEDENCE. 4. ALL WORK AND MATERIALS SHALL MEET THE REQUIREMENTS OF THE LOCAL AND STATE BUILDING CODES AND THE
- SPECIFICATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS. 5. THE INTENTION OF THE DOCUMENTS IS TO DESCRIBE, IN GENERALITY, SYSTEMS AND FINISHES. THE CONTRACTOR SHALL PROVIDE AND INSTALL COMPLETE SYSTEMS IN ACCORDANCE WITH APPLICABLE CODES, MANUFACTURERS AND ASSOCIATIONS REQUIREMENTS AND RECOMMENDATIONS, OR ACCEPTABLE BUILDING PRACTICE, WHICHEVER IS MORE STRINGENT
- 6. COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS TO THE EXTENT THAT THOSE INSTRUCTIONS AND RECOMMENDATIONS ARE MORE EXPLICIT OR STRINGENT THAN REQUIREMENTS CONTAINED IN CONTRACT DOCUMENTS.
- 7. PROVIDE ATTACHMENTS AND CONNECTION DEVICES AND METHODS NECESSARY FOR SECURING WORK. SECURE WORK TRUE TO LINE AND LEVEL. ALLOW FOR EXPANSION AND BUILDING MOVEMENT.
- 8. PROVIDE UNIFORM JOINT WIDTH IN EXPOSED WORK. OBTAIN DIRECTION FROM ARCHITECT FOR JOINT LAYOUT PRIOR TO COMMENCEMENT OF WORK.
- 9. ANY OMISSIONS FROM THE DOCUMENTS WHICH WOULD CUSTOMARILY BE PART OF THE SYSTEM OR FINISHES SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 10. REMOVE FROM SITE EXCESS EXCAVATED MATERIALS, TRASH, DEBRIS, AND WASTE MATERIALS. DISPOSAL SHALL BE IN A MANNER APPROVED BY STATE AND LOCAL AUTHORITIES. 11. ALL WASTE MATERIALS SHALL BE REMOVED IN A MANNER WHICH PREVENTS INJURY OR DAMAGE TO PERSONS,
- SURROUNDING PRIVATE/PUBLIC PROPERTIES AND PUBLIC RIGHT OF WAY. 12. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING A CLEAN AND SAFE WORK AREA AND IS RESPONSIBLE FOR
- 13. PROTECT AND CAP ALL EXISTING OR NEW UTILITIES. OBTAIN REQUIRED PERMITS AND LAYOUTS BEFORE STARTING. 14. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO

CONTINUING WORK, ALL DIMENSIONS ON THE DRAWINGS TAKE PRECEDENT OVER SCALE.

- 15. IF THIS BUILDING IS FIRE SPRINKLED THROUGHOUT (REFER TO CODE ANALYSIS): EXTEND THE FIRE SPRINKLER SYSTEM TO ALL AREAS OF THE BUILDING. 16. EXIT SIGNS SHALL BE ILLUMINATED. PROVIDE EXIT SIGNS WITH EMERGENCY BACK-UP POWER SUPPLY. TACTILE EXIT SIGN
- SHALL BE PROVIDED AT ALL EXIT DOORS, EXIT STAIRS, EXIT RAMPS AND EXIT ROUTES AS REQUIRED BY CODE. 17. GLASS DOORS, ADJACENT PANELS AND ALL GLAZED OPENING WITHIN 18" OF ADJACENT FLOOR SHALL BE OF GLASS
- APPROVED FOR IMPACT HAZARD. 18. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. FLUSH BOLTS OR SURFACE ARE PROHIBITED. APPLIES ALSO TO EXIT GATES.
- 19. POST A SIGN ADJACENT TO THE REQUIRED MAIN EXIT DOOR WITH 1" LETTERING STATING: "THIS DOOR MUST REMAIN UNLOCKED WHEN SPACE IS OCCUPIED." (MAIN EXIT ONLY, PER SECTION 1010.1.9.4.) 20. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY CEILING OR WALL PANELS (OR ACCESS DOORS) AS REQUIRED BY GOVERNING AGENCIES FOR AIR CONDITIONING, PLUMBING FIRE SPRINKLER AND ELECTRICAL SYSTEMS.
- PROVIDE APPROVED ASSEMBLIES WITH SELF-CLOSING DEVICES IN ONE (1) HOUR RATED CONSTRUCTION. 21. EXIT DOORS SHALL OPEN OVER A LANDING NOT MORE THAN 1/4" BELOW THE THRESHOLD. 22. THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL THE ADDRESS AND/OR SUITE NUMBER PER CITY AND FIRE
- DEPARTMENT REQUIREMENTS. VERIFY SIZE, COLOR AND LOCATIONS PRIOR TO PROCEEDING 23. GENERAL CONTRACTOR THE PROVIDE FULL SET OF DOCUMENTS TO ALL SUBCONTRACTORS. SUBCONTRACTORS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR WORK MAY OCCUR IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND ADDITIONAL CONSULTANT DRAWINGS FOR ADDITIONAL GENERAL NOTES. ALL NOTES ARE TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. SHEETS ARE TO BE REVIEWED AND NOTES ON ANY ONE SHEET ARE TO BE APPLIED ON RELATED DRAWINGS AND DETAILS.

PROJECT DESCRIPTION

INTERIOR REMODEL OF AN EXISTING RETAIL BANK

REFER TO SHEET G101 FOR BUILDING CODE REVIEW

DEFERRED SUBMITTALS

VICINITY MAP



| NUMBER | NAME | FIRST ISSUE | REVISION DATE |
|-----------|---|----------------|---------------|
| 01 GENERA | | IOOOL | DATE |
| G001 | COVER SHEET | 07/30/2024 | |
| G101 | CODE REVIEW | 07/30/2024 | |
| G301 | ACCESSIBLE STANDARDS | 07/30/2024 | |
| G302 | ACCESSIBLE STANDARDS | 07/30/2024 | |
| G401 | WALL TYPES AND DOOR SCHEDULE | 07/30/2024 | |
| 07 ARCHIT | ECTURAL | | |
| AD101 | FIRST FLOOR DEMOLITION PLANS | 07/30/2024 | |
| AD120 | FIRST FLOOR RCP DEMOLITION PLAN | 07/30/2024 | |
| A101 | FIRST FLOOR PLAN | 07/30/2024 | |
| A120 | FIRST FLOOR REFLECTED CEILING PLAN | 07/30/2024 | |
| A131 | FIRST FLOOR FINISH PLAN | 07/30/2024 | |
| A401 | ENLARGED PLANS AND ELEVATIONS - STOR./DRIVE UP WINDOW - WORK AREA | 07/30/2024 | |
| A402 | ENLARGED PLANS AND ELEVATIONS - TELLER STATIONS | 07/30/2024 | |
| A403 | ENLARGED PLANS AND ELEVATIONS - RESTROOMS | 07/30/2024 | |
| A420 | INTERIOR ELEVATIONS | 07/30/2024 | |
| A603 | MATERIAL SCHEDULE | 07/30/2024 | |
| A630 | DETAILS - MILLWORK | 07/30/2024 | |
| A631 | DETAILS - MILLWORK | 07/30/2024 | |
| A632 | DETAILS - MILLWORK | 07/30/2024 | |
| 12 MECHAI | NICAL | • | |
| M101 | FIRST FLOOR MECHANICAL PLAN | 07/30/2024 | |
| MD101 | FIRST FLOOR MECHANICAL DEMOLITION PLAN | 07/30/2024 | |
| 13 PLUMBI | NG | | |
| P001 | DRAWING INDEX, LEGENDS AND NOTES | 07/30/2024 | |
| P101 | FIRST FLOOR SEWER AND VENT PLAN | 07/30/2024 | |
| P201 | FIRST FLOOR WATER PLAN | 07/30/2024 | |
| P400 | PLUMBING DETAILS | 07/30/2024 | |
| P500 | PLUMBING SCHEDULES | 07/30/2024 | |
| PD101 | FIRST FLOOR SEWER AND VENT DEMOLITION PLAN | 07/30/2024 | |
| PD201 | FIRST FLOOR WATER DEMOLITION PLAN | 07/30/2024 | |
| 15 ELECTR | ICAL | | |
| E001 | SYMBOLS LEGENDS | 07/30/2024 | |
| E101 | FIRST FLOOR LIGHTING PLAN | 07/30/2024 | |
| E201 | FIRST FLOOR POWER PLAN | 07/30/2024 | |
| E500 | ONE-LINE DIAGRAM | 07/30/2024 | |
| E600 | ELECTRICAL SCHEDULES | 07/30/2024 | |

SEE ATTACHED ARCHITECTURAL SPECIFICATION MANUAL

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CUC - GRAND JUNCTION CREDIT UNION OF COLORA

| # Date 07/30/2024 | Issue/Description ISSUE FOR PERMIT |
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| Project No: | CUC15.30 |
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| Orawn By: | TT |
| Checked By: | НВ |

SHEET INDEX & GENERAL NOTES

G002

SYMBOL - LEGEND

| View Name SCALE: 1/8" = 1'-0" | VIEW TITLE | W-11 | PARTITION TYPE REF. G401 |
|-------------------------------------|--------------------------------|---------------------|-------------------------------------|
| SIM DETAIL NUMBER A3.0 SHEET NUMBER | BUILDING SECTION | RM-NAME | ROOM DESIGNATION |
| SIM DETAIL NUMBER | WALL SECTION | 1 | KEY NOTE |
| A3.0 SHEET NUMBER | | | REVISION TAG |
| A | ODID DUDDI 5 | XXX-A | DOOR MARK TAG |
| | GRID BUBBLE | $\langle A \rangle$ | WINDOW MARK TAG |
| 9'-0" A.F.F. | ELEVATION | 1 | EQUIPMENT TAG |
| 1 DETAIL NUMBER A501 SHEET NUMBER | DETAIL CALLOUT | EXIT & | TACTILE EXIT SIGN - WALL MOUNTED |
| 1 / A101 | MATCHLINE | | |
| 1 A201 | EXTERIOR BUILDING ELEVATION | | |
| D A401 B | INTERIOR ELEVATION | | |
| | | | |

| View Name SCALE: 1/8" = 1'-0" | VIEW TITLE | W-11 | PARTITION TYPE REF. G401 |
|-------------------------------------|--------------------------------|---------|-------------------------------------|
| SIM DETAIL NUMBER A3.0 SHEET NUMBER | BUILDING SECTION | RM-NAME | ROOM DESIGNATION |
| SIM DETAIL NUMBER A3.0 SHEET NUMBER | WALL SECTION | 1 | KEY NOTE |
| A3.0 SHEET NOWIBER | | | REVISION TAG |
| (A) | GRID BUBBLE | (XXX-A) | DOOR MARK TAG |
| | GRID BUBBLE | A | WINDOW MARK TAG |
| ● 9'-0" A.F.F. | ELEVATION | 1 | EQUIPMENT TAG |
| DETAIL NUMBER SHEET NUMBER | DETAIL CALLOUT | EXIT & | TACTILE EXIT SIGN - WALL MOUNTED |
| 1 / A101 | MATCHLINE | | |
| 1 A201 | EXTERIOR BUILDING ELEVATION | | |
| D A401 B | INTERIOR ELEVATION | | |

NORTH ARROW

DIV

DL

DN

DR

DS

DTL

DW

EA

EF

EIFS

ELEC

ELEV

EMER

EQ

EW

EXH

EXP

EXT

FB

FBO

FD

FDN

FEC

FFE

FIN

FOS

FR

DWG

DIVISION

DOWN

DOOR

DETAIL

DRAWING

EAST

EACH

EACH FACE

ELECTRICAL

ELEVATION

EMERGENCY

EACH WAY

HEATER

EXHAUST

EXPOSED

EXTERIOR

FACE BRICK

FLOOR DRAIN

FOUNDATION

AND CABINET

FINSHED FLOOR

FINISHED FLOOR **ELEVATION**

FINISH

FLOOR(ING)

FACE OF CONCRETE

FACE OF MASONRY

FACE OF FINISH

FACE OF STUD

FIRE RATED

FR GYP FIRE RATED GYPSUM

BOARD

FLASHING

FIRE EXTINGUISHER

FIRE EXTINGUISHER

FURNISHED BY OTHERS

EQUAL

FINISH SYSTEM

EXPANSION JOINT

ELECTRICE WATER

EXTERIOR INSULATION

DEAD LOAD

DOWN SPOUT

DISHWASHER

EXTERIOR STORAGE FUNCTION STORAGE RATIO 300 ft² GSF/OCC SU2 PATH OF TRAVEL AREA 26 ft² OCCS 1 OCCUPANT(S) 108' - 1" EXISTING 1HR RATING -OFFICE VAULT SU1 PATH OF TRAVEL FUNCTION STORAGE FUNCTION BUSINESS **STAIR** RATIO 150 ft² GSF/OCC RATIO 300 ft² GSF/OCC 74 OCC / 2 EXITS = 37.00 AREA 4904 ft² AREA 225 ft² 102' - 1" OCCS 33 OCCUPANT(S) OCCS 1 OCCUPANT(S) REQUIRED: 0.2 X 37.00 = 7.4" PROVIDED: 36" FUNCTION STORAGE RATIO 300 ft² GSF/OCC OCCS 1 OCCUPANT(S) **JANITOR** FUNCTION STORAGE RATIO 300 ft² GSF/OCC FUNCTION | BUSINESS AREA 35 ft² RATIO 150 ft² GSF/OCC OCCS 1 OCCUPANT(S) AREA 340 ft² OCCS 3 OCCUPANT(S) STAIR 74 OCC / 2 EXITS = 37.00 FEB 🚾 REQUIRED: $0.2 \times 37.00 = 7.4$ " PROVIDED: 36" - EXISTING 1HR RATING FUNCTION | STORAGE RATIO 300 ft² GSF/OCC AREA 66 ft² FUNCTION | BUSINESS OCCS 1 OCCUPANT(S) RATIO 150 ft² GSF/OCC AREA 210 ft² OCCS 2 OCCUPANT(S) BREAK ROOM FUNCTION | ASSEMBLY RATIO 15 ft² GSF/OCC FILE STORAGE SU3 PATH OF TRAVEL AREA 215 ft² FUNCTION STORAGE OCCS 15 OCCUPANT(S) RATIO 300 ft² GSF/OCC 116' - 1" AREA 152 ft² OCCS 1 OCCUPANT(S) OCCUPANCY FUNCTION STORAGE RATIO 300 ft² GSF/OCC STORAGE OCCS 1 OCCUPANT(S) FUNCTION STORAGE RATIO 300 ft² GSF/OCC AREA 48 ft² CONFERENCE ROOM OCCS 1 OCCUPANT(S) FUNCTION ASSEMBLY RATIO 15 ft² NSF/OCC AREA 195 ft² OCCS 13 OCCUPANT(S) FIRST FLOOR - CODE REVIEW SCALE: 1/16" = 1'-0"

FIRE PROTECTION SYSTEMS (CHAPTER 9)

AUTOMATIC SPRINKLER SYSTEM
DEFERRED SUBMITTAL

STANDPIPES REQUIRED PER 905
NO
FIRE EXTINGUISHERS REQIRED PER 906
QUANTITY (REFER TO G101 FOR LOCATIONS)

FIRE ALARM AND DETECTION SYSTEM
DEFERRED SUBMITTAL

EMERGENCY RESPONDER RADIO COVERAGE REQUIRED (510)

PLUMBING CALCULATIONS (CHAPTER 29)

PLUMBING CALCULATION TABLE:

DEFERRED SUBMITTAL

Plumbing Code Calculations

Refer to IBC Chapter 29 and Table 29-A "Minimum Plumbing Fixtures" for specifics, exceptions, and footnotes. OCCUPANCY: ASSEMBLY - A-3 **OCCUPANTS: 28** (14 MALE 14 FEMALE) Auditoriums without permanent WATER CLOSET seating, art galleries, exhibition BATHTUBS OR DRINKING OTHER halls, museums, lecture halls, SHOWERS **FOUNTAINS** libraries, arcades and MALE FEMALE MALE FEMALE gymnasiums REQUIRED: 0.112 | 0.215385 | 0.07 | 0.07 0.056 1 Service Sink PROVIDED: 3 3 3 3

Plumbing Code Calculations

Refer to IBC Chapter 29 and Table 29-A "Minimum Plumbing Fixtures" for specifics, exceptions, and footnotes.

| OCCUPANCY: Business - B | | | | PANTS: 3 | 8 | (19 MALE 19 FEMALE) | | |
|--|-------|--------|-------|----------|-------------|---------------------|----------------|--|
| Buildings for the transaction of business, professional services, other services involving | WATER | CLOSET | LAVA | TORIES | BATHTUBS OR | DRINKING | OTHER | |
| merchandise, office buildings, banks, light industrial and similar uses | MALE | FEMALE | MALE | FEMALE | SHOWERS | FOUNTAINS | Official | |
| REQUIRED: | 0.76 | 0.76 | 0.475 | 0.475 | _ | 0.38 | 1 Service Sink | |
| PROVIDED: | 3 | 3 | 3 | 3 | X | 2 | 1 | |

Plumbing Code Calculations

Refer to IBC Chapter 29 and Table 29-A "Minimum Plumbing Fixtures" for specifics, exceptions, and footnotes.

| OCCUPANCY: Mercantile - M | | | | PANTS: 8 | | (4 MALE 4 F | EMALE) |
|---|-------|--------|----------|----------|-------------|-------------|----------------|
| Retail stores, service stations, | WATER | CLOSET | LAVA | TORIES | BATHTUBS OR | DRINKING | OTHER |
| shops, salesrooms, markets and shopping centers | MALE | FEMALE | MALE | FEMALE | SHOWERS | FOUNTAINS | |
| REQUIRED: | 0.008 | 0.008 | 0.005333 | 0.005333 | 1 | 0.008 | 1 Service Sink |
| PROVIDED: | 3 | 3 | 3 | 3 | x | 2 | 1 |

PROJECT DESCRIPTION

THIS IS A RENOVATION TO A(N) EXISTING TENANT SPACE IN AN EXISTING OFFICE BUILDING.
WORK TO INCLUDE RENOVATION OF AN EXISTING TEANNT SPACE AND ADA UPDATES TO RESTROOMS ON LEVEL 1.
PRIMARY USE: BUSINESS

PROJECT INFORMATION

PROJECT ADDRESS: 202 MAIN ST, GRAND JUNCTION, CO 81501

APPLICABLE CODES:

2018 INTERNATIONAL BUILDING CODE
2018 EXISTING BUILDING CODE
2023 NATIONAL ELECTRIC CODE
2021 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL MECHANICAL CODE

2021 INTERNATIONAL FUEL AND GAS CODE 2018 INTERNATIONAL ENERGY CONSERVATION CODE 2009 ANSI A117.1

CITY OF GRAND JUNCTION AMENDMENTS

CH 4 SPECIAL SYSTEMS: N/A

LIFE SAFETY LEGEND

EXISTING FIRE EXTINGUISHER BRACKET

FEC EXISTING FIRE EXTINGUISHER CABINET

EB

RELOCATED FIRE
EXTINGUISHER BRACKET

PATH OF TRAVEL

CONSTRUCTION TYPE (CHAPTER 6)

CONSTRUCTION TYPE: VA, 1 HR (EXISTING)

FIRE RESISTANCE RATING REQUIREMENTS (TABLE 601)

PRIMARY STRUCTURAL FRAME 1 HOURS BEARING WALLS - EXTERIOR 1 HOURS 1 HOURS BEARING WALLS - INTERIOR NONBEARING WALLS & PARTITIONS - EXTERIOR REFER TO TABLE 602 SEPARATION LESS THAN 5' 1 HOURS 1 HOURS SEPARATION BETWEEN 5' & 10' 1 HOURS SEPARATION BETWEEN 10' & 30' 0 HOURS SEPARATION OVER 30' NONBEARING WALLS & PARTITIONS - INTERIOR 0 HOURS 1 HOURS FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS 1 HOURS

OCCUPANT CALCULATIONS AND EGRESS (CHAPTER 10)

OCCUPANT LOAD CALCULATED (TABLE 1004.1.2)

| OCCUPANCY CLASS | FUNCTION OF SPACE | LOAD FACTOR | | OCCUPANT LOAD |
|---------------------|-------------------|-------------|-----|---------------|
| A-3 | ASSEMBLY | 15 SF | NSF | 28 |
| В | BUSINESS | 150 SF | GSF | 38 |
| M | STORAGE | 300 SF | GSF | 8 |
| TOTAL OCCUPANT LOAD | | | | 74 |

EXITING REQUIREMENTS

THE MEANS OF EGRESS PATH SHALL NOT BE REDUCED UNTIL ARRIVAL AT THE PUBLIC WAY

EXITS ARE CONFIGURED SUCH THAT THE LOSS OF ANY ONE EXIT SHALL NOT REDUCE THE AVAILABLE WIDTH OR CAPACITY BY LESS THAN 50% OF WHAT IS REQUIRED

AREA OF REFUGE IS REQUIRED

ACCESSIBLE MEANS OF EGRESS PROVIDED BY ELEVATOR

ACCESSIBLE MEANS OF EGRESS PROVIDED BY ELEVATOR NO, UNDER 4 STORIES

2-WAY COMMUNICATION IS PROVIDED N/A

MAXIMUM EXIT ACCESS TRAVEL DISTANCE (TABLE1017.2)

| OCCUPANCY CLASS | FUNCTION OF SPACE | LOAD FACTOR | | OCCUPANT LOAD | | |
|------------------------|-------------------|-------------|-----|---------------|--|--|
| A-3 | ASSEMBLY | 15 SF | NSF | 28 | | |
| В | BUSINESS | 150 SF | GSF | 38 | | |
| M | STORAGE | 300 SF | GSF | 8 | | |
| TOTAL OCCUPANT LOAD 74 | | | | | | |

| LEVEL | PATH ID | TRAVEL DISTANCE | MAX ALLOWED |
|--------------|---------|-----------------|-------------|
| FIRST FLOOR | SU1 | 102' - 1" | 200' |
| FIRST FLOOR | SU2 | 108' - 1" | 200' |
| EIDST EI OOD | CLI3 | 116' 1" | 2001 |

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 Project No:
 CUC15.30

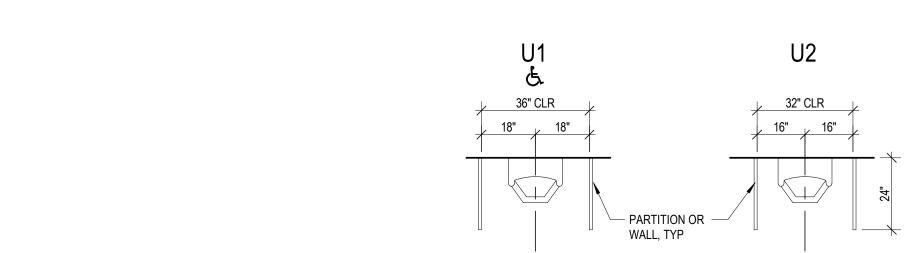
 Drawn By:
 TT

 Checked By:
 HB

CODE REVIEW

G101

UNOBSTRUCTED FORWARD REACH UNOBSTRUCTED HIGH FORWARD REACH OBSTRUCTED SIDE REACH OBSTRUCTED HIGH SIDE REACH GENERAL ACCESSIBILITY REACH RANGES SCALE: NTS



ACCESSIBLE NOTES

WITH NFPA STANDARDS

A. REFER TO JURISDICTION FOR ADOPTED CODES AND AMENDMENTS TO ACCESSIBLE DESIGNS

E. PROTRUDING OBJECTS FROM WALL ARE LIMITED TO 4". HANDRAILS CAN PROTRUDE 4 1/2"

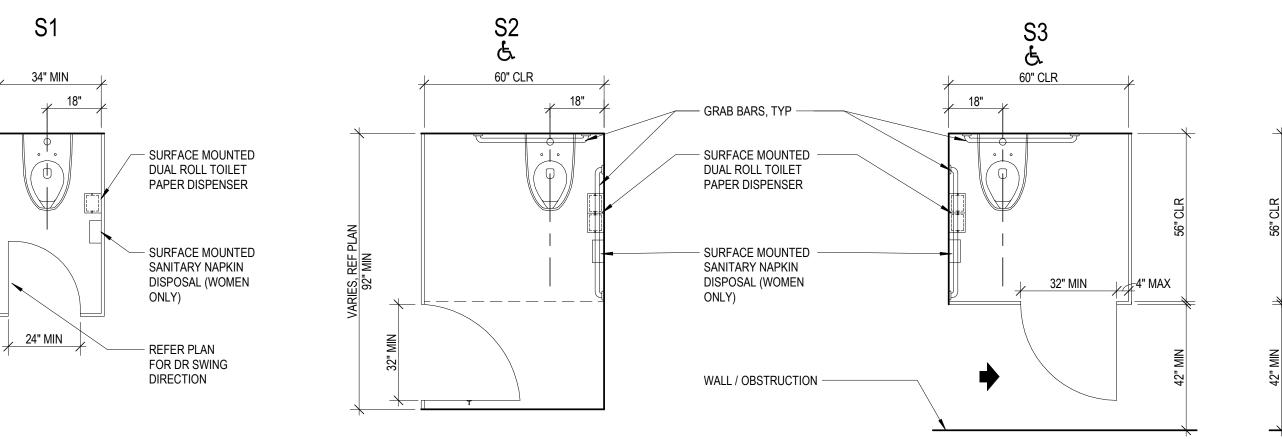
F. ALL OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. FORCE REQUIRED TO ACTIVATE THE PART SHALL BE 5 LBS

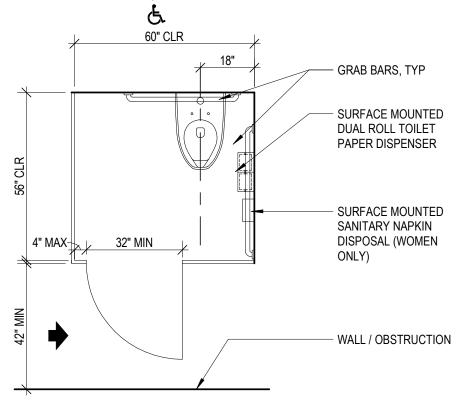
G. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING

C. ALL FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTENT

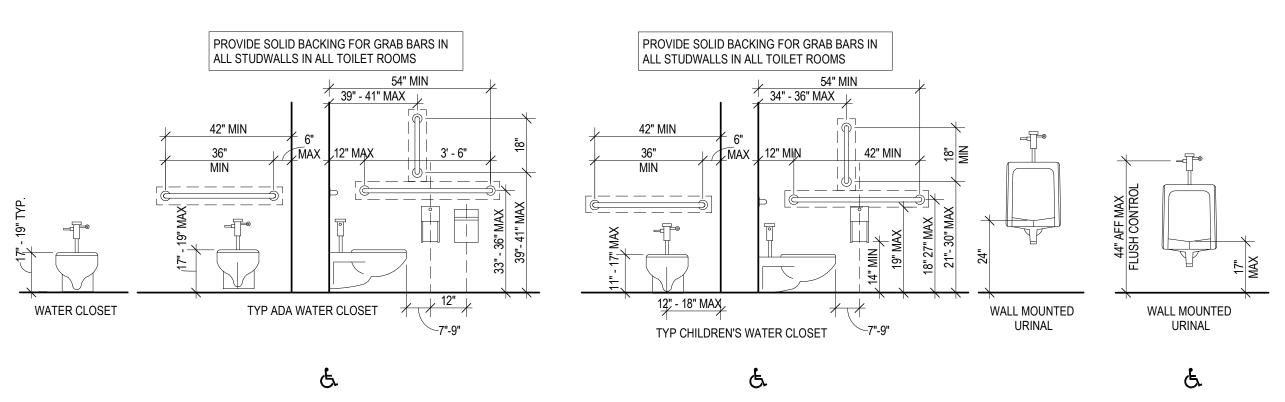
B. MAXIMUM VERTICAL CHANGE IN LEVEL IS 1/4" (1/2" IF BEVELED)

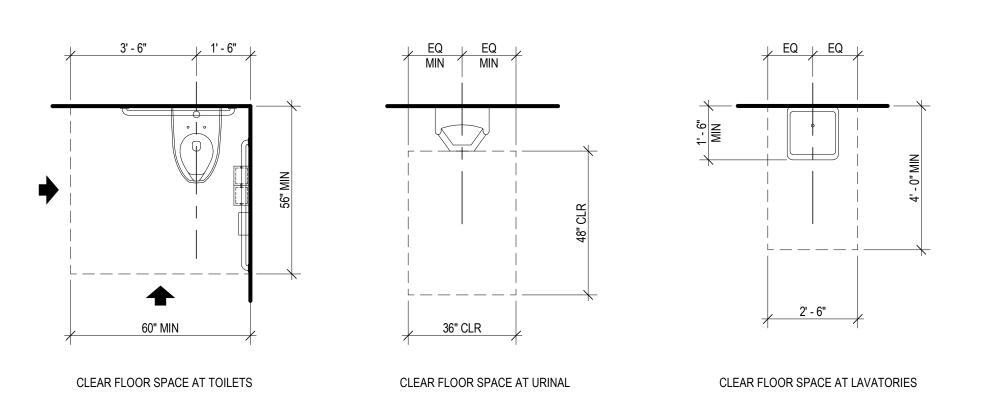
D. CLEAR FLOOR AREA SHALL BE 30" X 48" MINIMUM









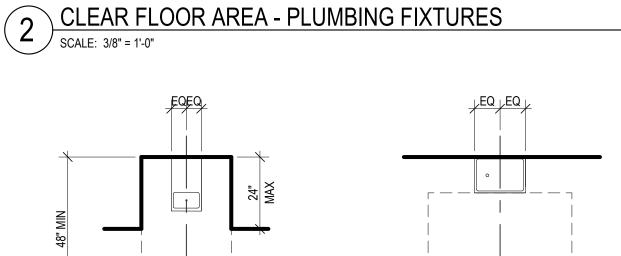


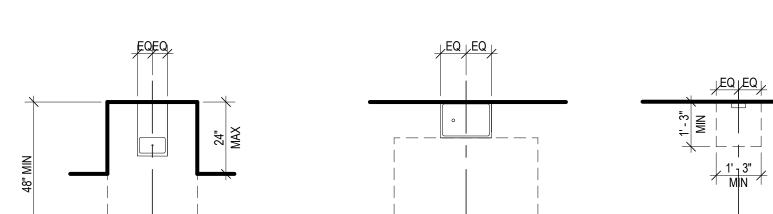


MOUNTING TYPES - ACCESSORIES, TYP.

6 TOILET STALL TYPES

SCALE: 3/8" = 1'-0"





CHANNEL FRAME MIRROR SURFACE MOUNTED SURFACE MOUNTED 9.0 GAL SURFACE-MOUNTED TWO LEVEL WHEEL CHAIR ACCESSIBLE DRINKING FOUNTAIN DUAL-ROLL TOILET SANITARY NAPKIN SEMI-RECESSED @ LAVATORY SEAT-COVER

DISPOSAL

PAPER TOWEL DISP &

WASTE RECEPTACLE

DISPENSER

PAPER DISP

CLEAR FLOOR SPACE AT DRINKING FOUNTAIN BUILT-IN FOUNTAIN OR COOLER

CLEAR FLOOR SPACE AT DRINKING FOUNTAIN FREE STANDING FOUNTAIN OR COOLER

CLEAR FLOOR SPACE AT SOAP DISPENSOR, PAPER TOWEL DISPENSOR, SANITARY NAPKIN DISPENSOR, OR WASTE DISPOSAL

CLEAR FLOOR AREA - ACCESSORIES / SCALE: 3/8" = 1'-0"

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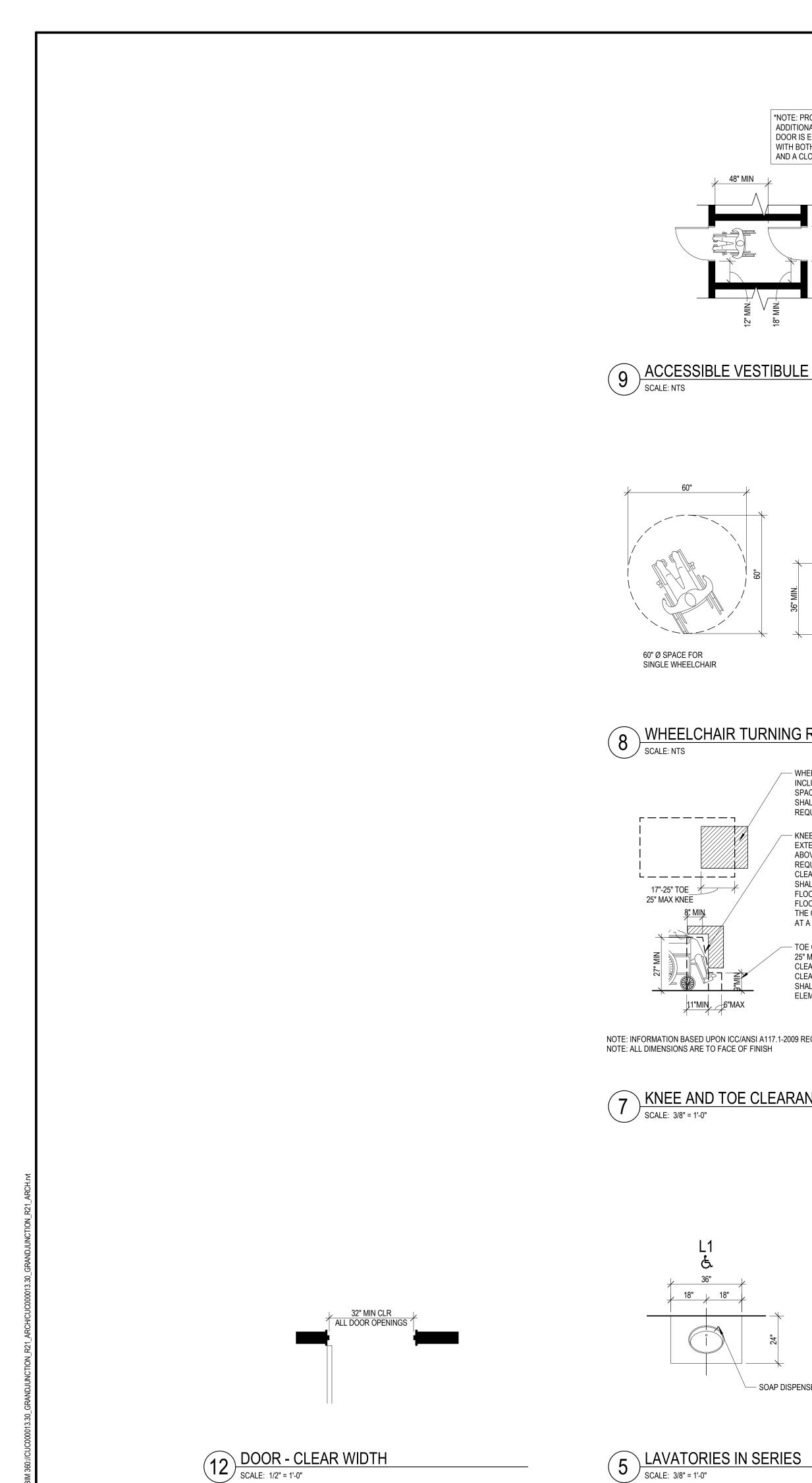


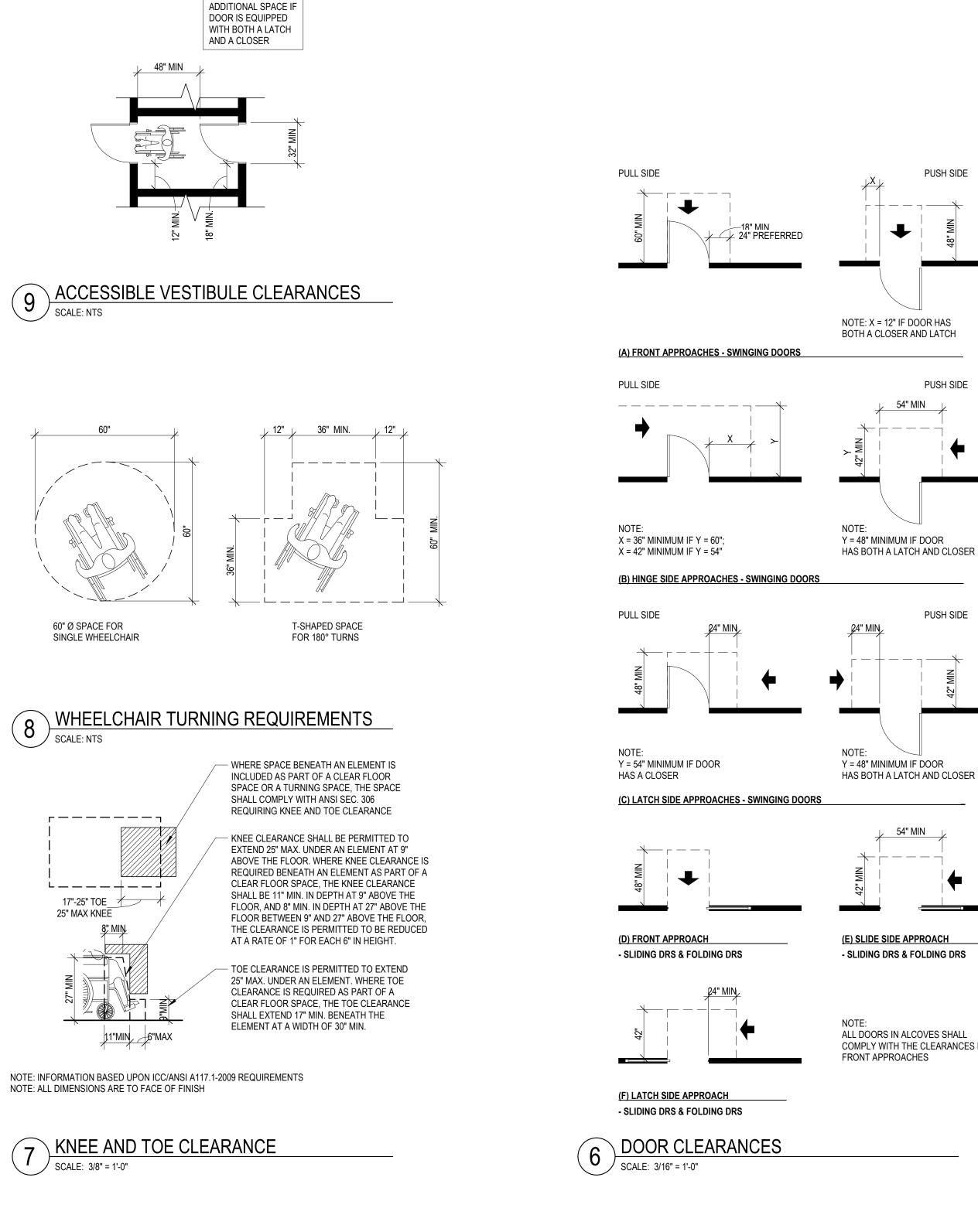
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ACCESSIBLE STANDARDS

SCALE: 3/8" = 1'-0"





- SOAP DISPENSER, TYP

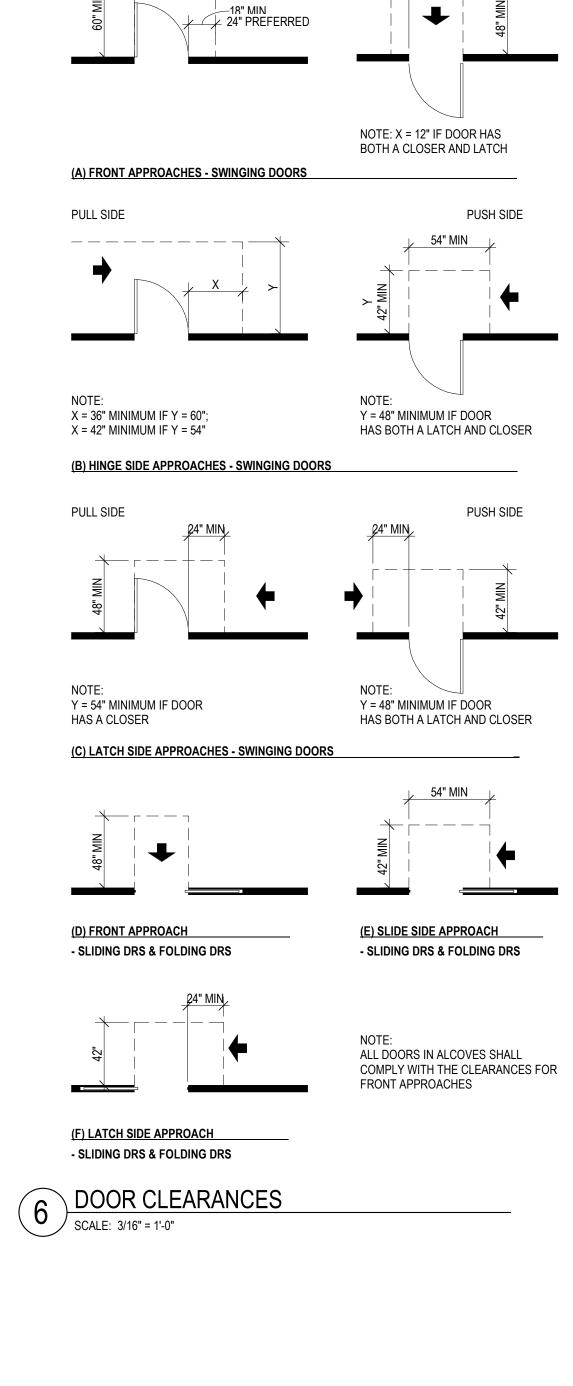
*NOTE: PROVIDE THIS

60" Ø SPACE FOR

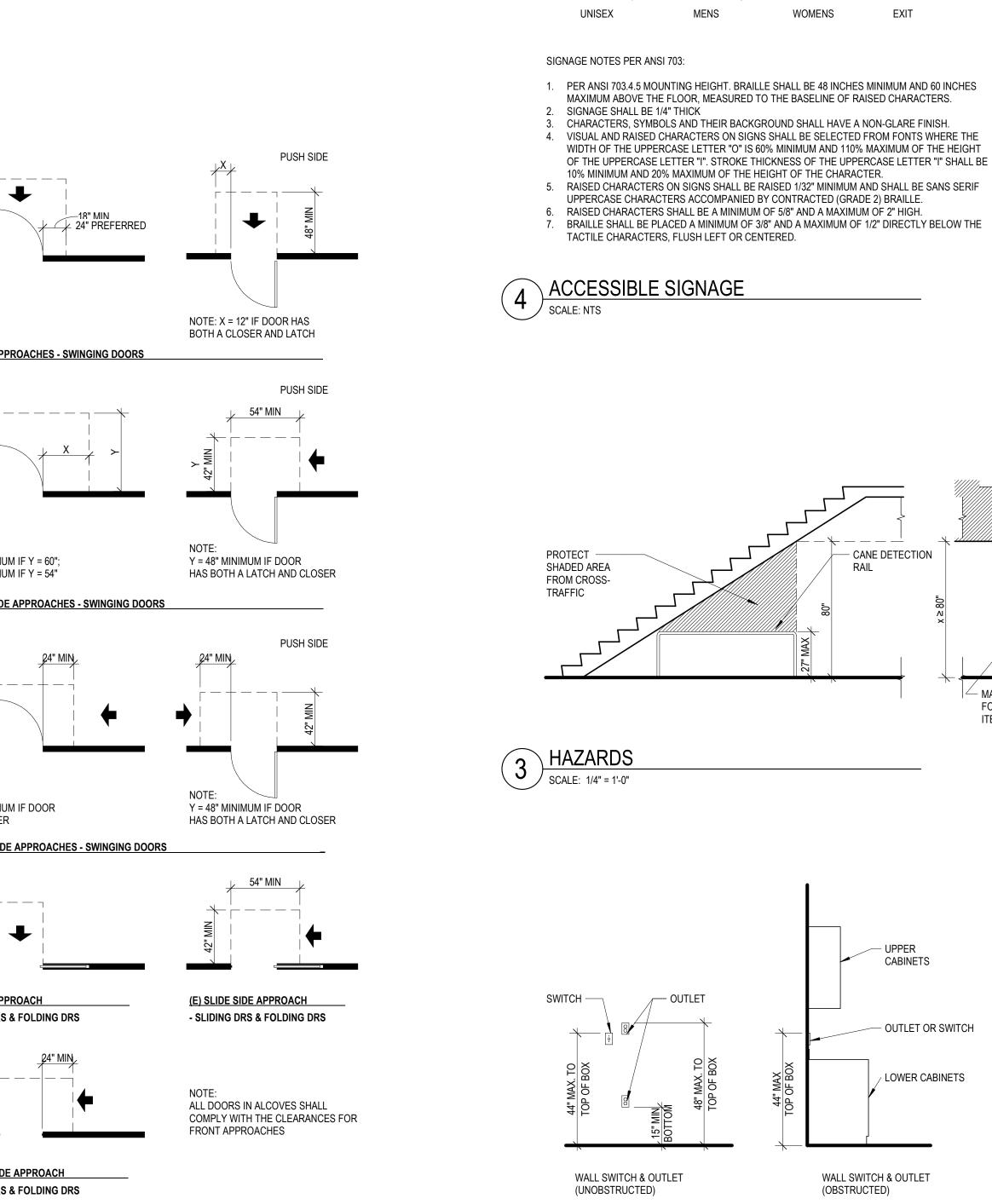
25" MAX KNEE

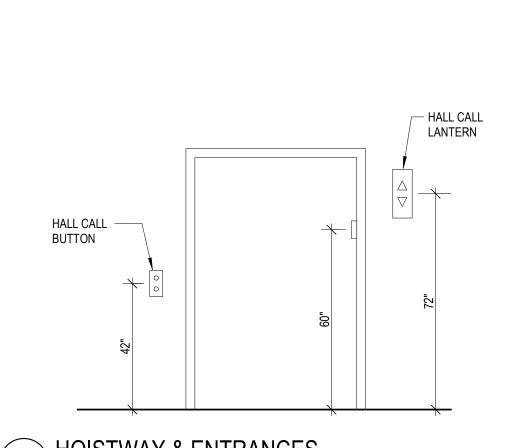
SCALE: 3/8" = 1'-0"

— SOAP DISPENSER, TYP



- SOAP DISPENSER, TYP





ACCESSIBLE SWITCH & OUTLET HEIGHTS

ACCESSIBLE STANDARDS

Checked By:

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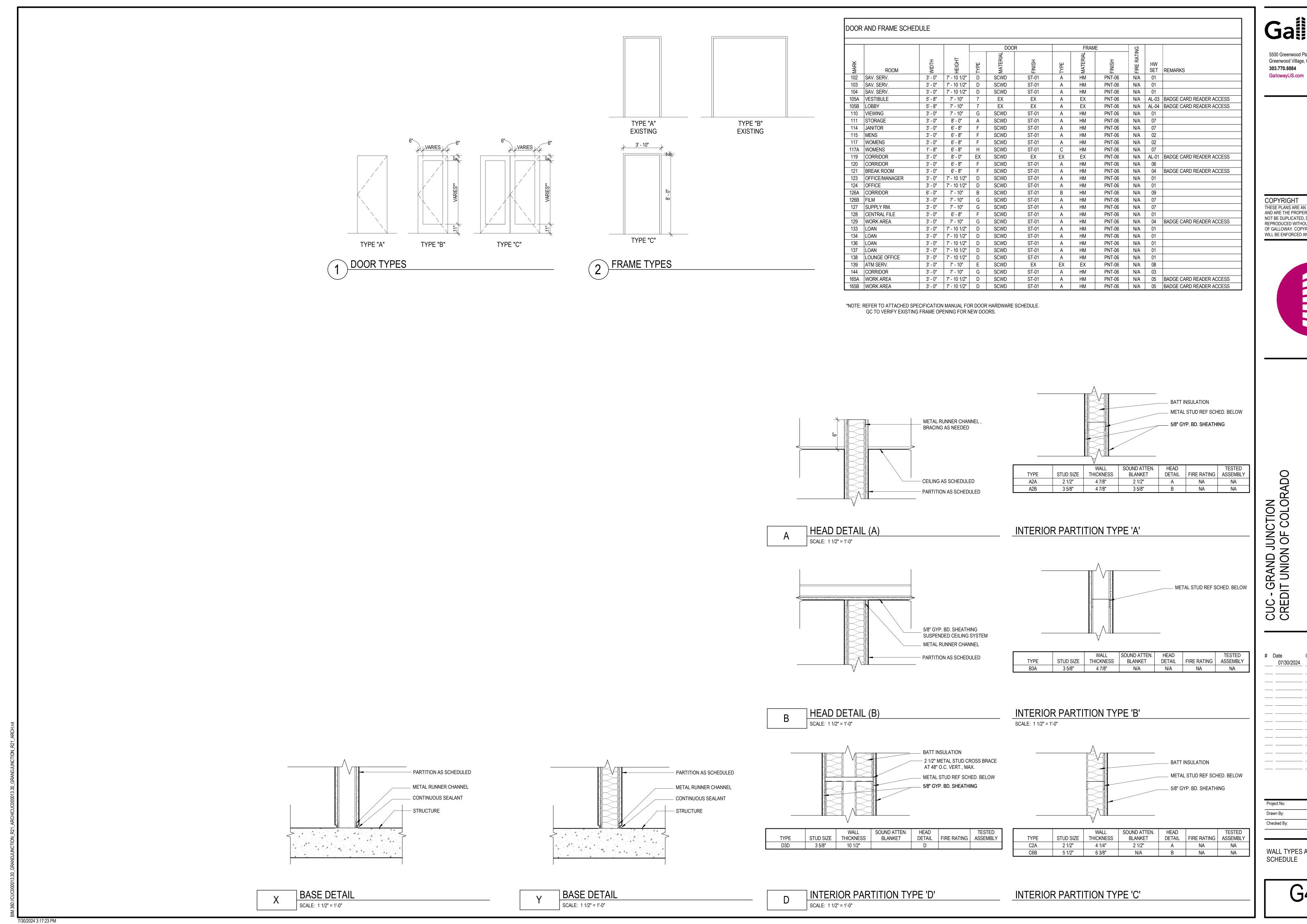
HANDICAPPED

 $\stackrel{\diagup}{-}$ MAXIMUM PROJECTION FOR WALL MOUNTED

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HOISTWAY & ENTRANCES

SCALE: NTS



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WALL TYPES AND DOOR SCHEDULE

G401

Issue/Description

ISSUE FOR PERMIT

FIRST FLOOR DEMOLITION PLAN SCALE: 1/8" = 1'-0"

DEMOLITION PLAN NOTES:

- 1. EXISTING FLOORING AND BASE TO BE REMOVED, PATCH FLOOR AS NECESSARY TO RECEIVE NEW FINISH. 2. REMOVE EXISTING CASEWORK, PATCH AND REPAIR FLOOR AS NEEDED. PATCH WALLS TO REMAIN AS NEEDED.
- 3. CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. 4. IN THE EVENT OF AN OMITTED NECESSARY DIMENSION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT
- 5. VERIFY ALL DIMENSIONS, CONDITIONS, AND GRADES, AT JOB SITE PRIOR TO COMMENCING WORK.
- 4. AT LOCATION WHERE WALLS ARE DEMOLISHED, PREP REMAINING SURFACES AS REQUIRED FOR NEW
- FINISHES. 5. ALL INTERIOR DOORS TO BE DEMOED. SALVAGE AND PROTECT FO REUSE.
- 6. DEMO SLAB-ON-GRADE AS REQUIRED FOR NEW ELECTRICAL. REPLACE SLAB-ON-GRADE AS REQUIRED. EXISTING TO NEW SLAB SHALL RECEIVE NO. 4 DOWELS EPOXIED 18" O.C. WITH 8" EMBEDMENT INTO EXISTING SLAB-ON-GRADE AND 8" PROTRUSION INTO NEW SLAB-ON-GRADE.

REMOVE WATER FOUNTAIN. KEEP CONNECTION FOR REUSE.

AREA NOT IN SCOPE

EXISTING CARPET TO BE REMOVED

| | KEYNOTES |
|------------------------|--|
| Key Value Keynote Text | |
| | |
| D1.1 | SALVAGE FIRE EXTINGISHER AND BRACKET FOR RELOCATION. |
| D1.2 | EXISTING FLOORING AND BASE TO REMAIN. |
| D1.3 | EXISTING HEATER TO BE RELOCATED. REF MECHANICAL DRAWINGS FOR RELOCATION DETAILS. |
| D1.4 | REMOVE MILLWORK AND EXISTING SINK. MAINTAIN PLUMBING CONNECTIONS FOR REUSE. |
| D1.5 | REMOVE VENDING MACHINES. |
| D1.6 | REMOVE WALL MOUNTED ELECTRICAL STRIP. |

DEMOLITION PLAN NOTES:

EXISTING TO BE REMOVED =====

EXISTING TO REMAIN

EXISTING TILE TO BE REMOVED

EXISTING TILE TO BE REMOVED

PLUMBING FIXTURES TO BE REMOVED EXISTING DOOR TO REMAIN

EXISTING FLOORING TO REMAIN

DOOR AND HARDWARE TO BE REMOVED, FRAME TO BE REMAIN

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| Drawn By: | TT |
| Checked By: | НВ |

FIRST FLOOR DEMOLITION PLANS

AD101

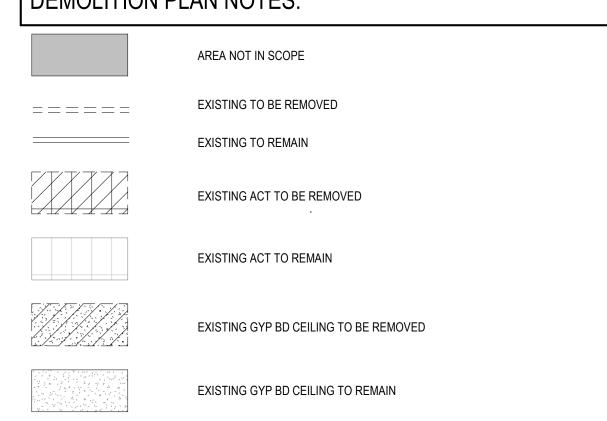
\Box () () () () () () () () () () () () FIRST FLOOR DEMOLITION RCP SCALE: 1/8" = 1'-0"

DEMOLITION RCP NOTES:

- 1. CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. 2. IN THE EVENT OF AN OMITTED NECESSARY DIMENSION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT
- 3. VERIFY ALL DIMENSIONS, CONDITIONS, AND GRADES, AT JOB SITE PRIOR TO COMMENCING WORK. 4. REMOVE LIGHT FIXTURES THROUGHOUT SUITE EXTENTS, UNO. RE: ELECTRICAL.

| | KEYNOTES |
|-----------|--|
| Key Value | Keynote Text |
| | |
| D2.2 | REMOVE WALL SCONCE. KEEP CONNECTION FOR REUSE. PATCH WALL AS NEEDED. |
| D2.3 | REMOVE PENDANT LIGHT. |
| D2.4 | DEMOLISH GYP CEILING IN THIS AREA. PATCH AND REPAIR CEILING AS NEEDED. |
| D2.6 | REMOVE PORTION OF EXISTING CEILING FOR NEW PARTITION LOCATION. |
| D2.7 | |

DEMOLITION PLAN NOTES:



REMOVED AND SALVAGED LIGHT FIXTURES TO REMAIN

REMOVED

LIGHT FIXTURES TO BE

LIGHT FIXTURES TO BE



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Issue/Description

FIRST FLOOR RCP DEMOLITION

AD120

11' - 8 1/4" SAV. SERV. STOR./DRIVE UP WINDOW C2A – ALIGN -SAV. SERV. ______ 103 SAFETY DEPOSIT VAULT VIEWING COIN MACHINE TO SAV. SERV. BE RELOCATED TO VESTIBULE 1 A402 102 115 LOBBY VESTIBULE 105 A2A OFFICE/MANAGER WORK AREA 123 LOAN ASSISTANCE **BREAK ROOM** 132 ATM SERV. 136 134 139 6 A401 LOUNGE OFFICE LOAN 133 CENTRAL FILE 136 134 138 137 128 CONFERENCE RM. 126 FIRST FLOOR PLAN SCALE: 1/8" = 1'-0"

FLOOR PLAN NOTES:

- CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES.
 IN THE EVENT OF AN OMITTED NECESSARY DIMENSION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT
- OR ENGINEER.
 3. VERIFY ALL DIMENSIONS, CONDITIONS, AND GRADES, AT JOB SITE PRIOR TO COMMENCING WORK.
- 4. VERIFY SIZE, LOCATION, AND CHARACTERISTICS OF WORK AND EQUIPMENT FURNISHED BY OWNER WITH
 THE MANUFACTURER OR SUPPLIER PRIOR TO COMMENCING CONSTRUCTION ON WORK PERTAINING TO
- THE SAME.

 5. ERRORS AND OR OMISSIONS IN DOOR OR STOREFRONT SCHEDULES DO NOT RELIEVE THE CONTRACTOR FROM EXECUTING THE WORK SHOWN ON THE DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS TO PROVIDE A COMPLETE AND ELINCTIONING SYSTEM.
- PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.

 6. INSTALL FIRE RETARDANT TREATED 2X6 SOLID WOOD BLOCKING AT ALL LOCATIONS WITH WALL MOUNTED
- INTERIOR DIMENSIONS ARE GIVEN FROM FINISH FACE OF WALL ASSEMBLY TO FINISH FACE OF WALL ASSEMBLY.
- 8. CONTRACTOR REQUIRED TO PROVIDE NECESSARY BLOCKING FOR ALL OWNER PROVIDED SIGNAGE.
- ALL INTERIOR DOORS SHALL BE 4" FROM ADJACENT PERPENDICULAR WALL UNO.
 GC TO PATCH AND REPAIR ALL DRYWALL TO LIKE NEW AS REQUIRED FOLLOWING DEMOLITION OF WALLS.

KEYNOTES

Key Value Keynote Text

A1.1 PROVIDE ADD ALTERNATE: REMOVE WORK AREA 129.

FLOOR PLAN SYMBOL LEGEND:



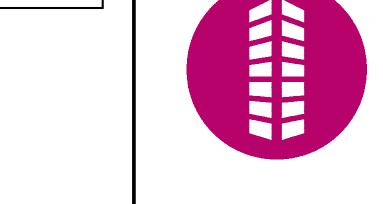
AREA NOT IN SCOPE

EXISTING TO REMAIN
NEW PARTITION



EXISTING DOOR AND FRAME

NEW DOOR IN EXISTING FRAME



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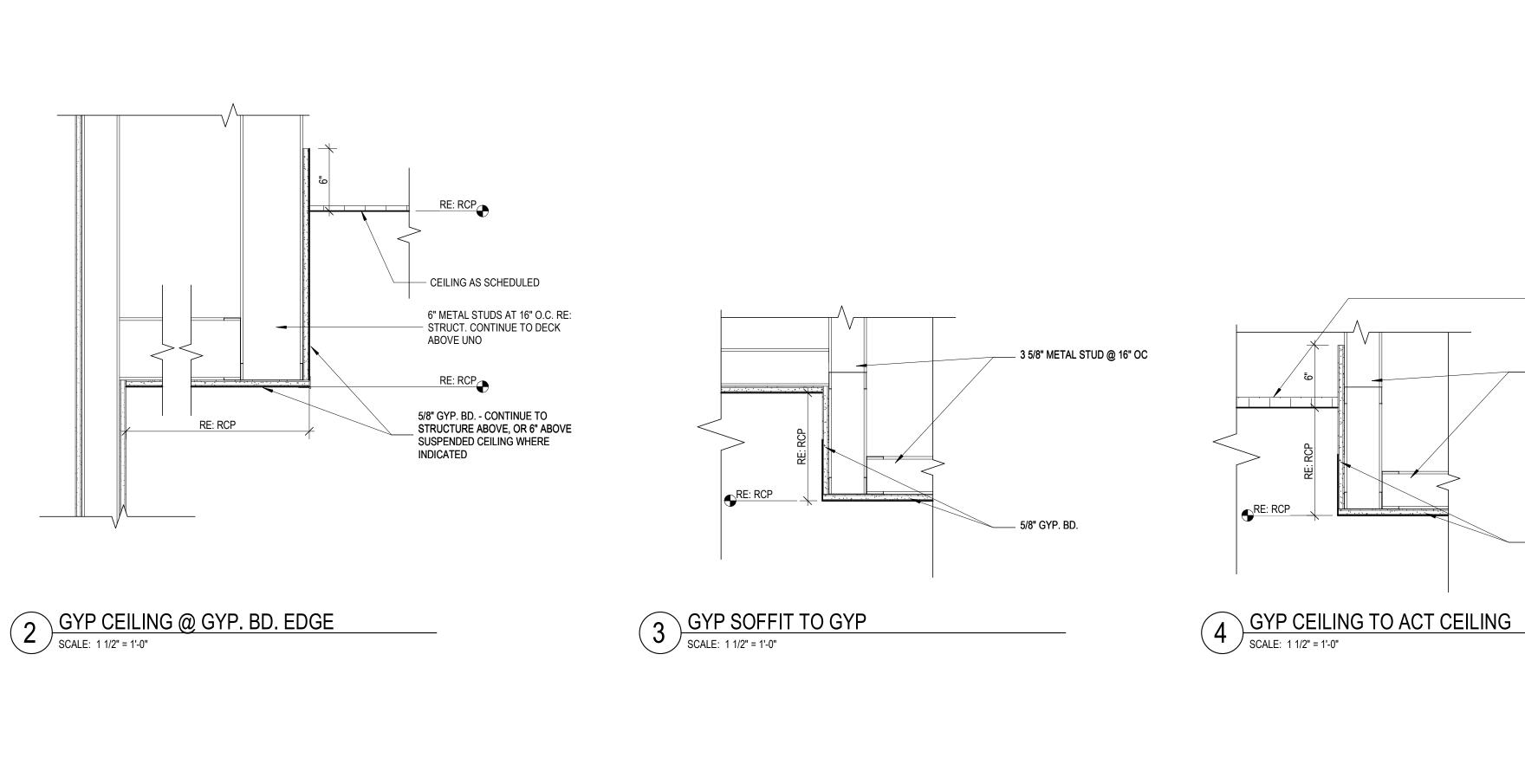
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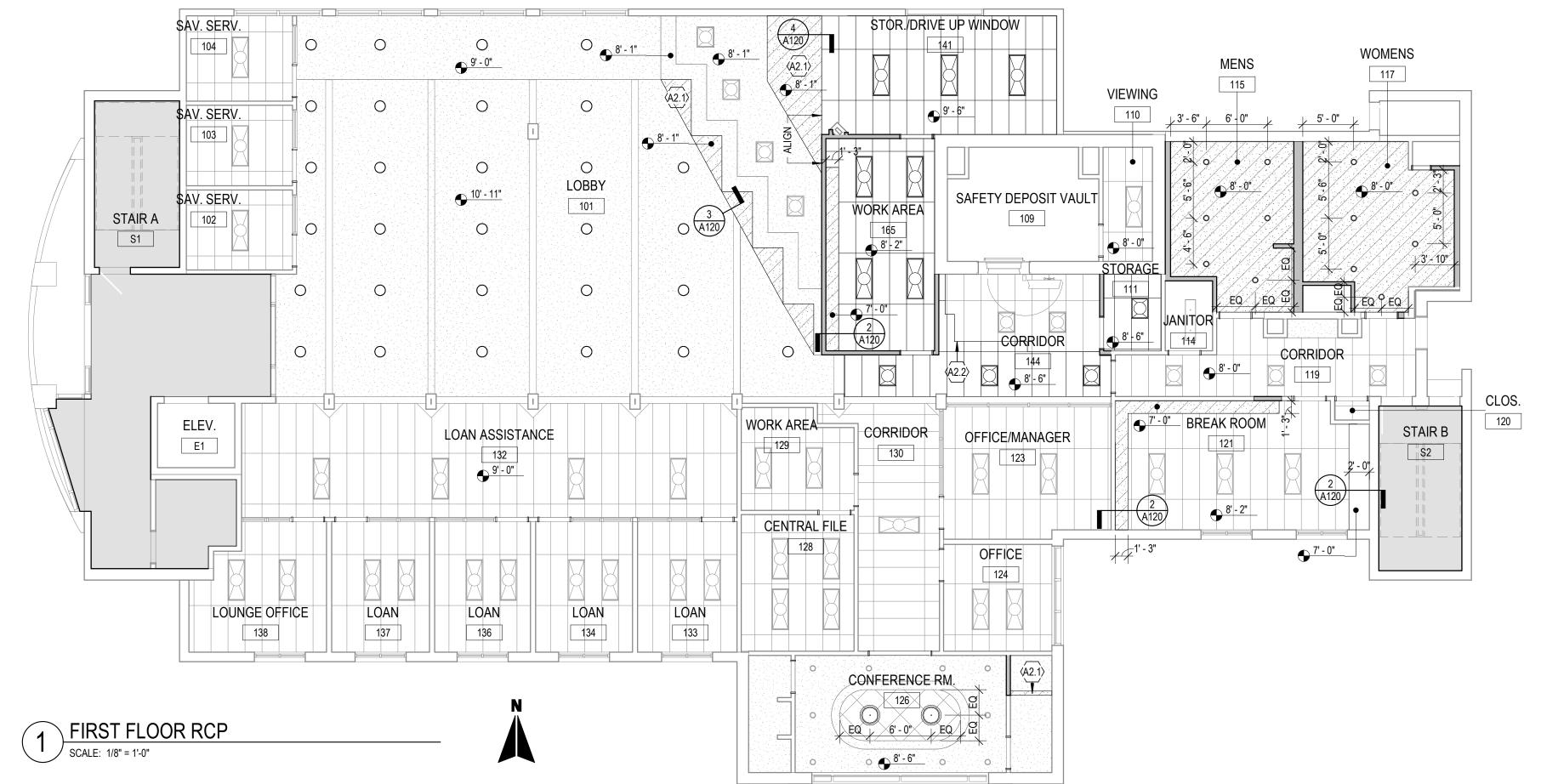
 Project No:
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 TT

 Checked By:
 HB

FIRST FLOOR PLAN





REFLECTED CEILING PLAN NOTES:

- REFER TO MECHANICAL DRAWINGS FOR HVAC PLAN, SECTIONS, DUCT SIZES, SUPPLY AND RETURN AIR GRILLE SIZES.
- 2. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING LAYOUT, REQUIREMENTS, AND ADDITIONAL FIXTURE
- INFORMATION.
 3. DIMENSIONS ARE TAKEN FROM FACE OF FINISH MATERIAL.
- 4. LIGHT FIXTURES IN SUSPENDED CEILING SYSTEM SHALL BE FASTENED TO METAL GRID SYSTEM WITH (1) 1/8" BLIND RIVET AT EACH CORNER. EACH CORNER OF THE LIGHT SHALL BE SUPPORTED FROM THE ROOF STRUCTURE WITH #12 GA. GALVANIZED ANNEALED WIRE.
- 5. SUPPLY AND RETURN DIFFUSERS IN SUSPENDED CEILINGS SHALL HAVE STRAPS AT OPPOSITE SIDES. THESE MAY BE SLACK.
- 6. COORDINATE LIGHT FIXTURE PLACEMENT WITH MECHANICAL DRAWINGS.

| Key Value | Keynote Text | |
|-----------|---|--|
| A2.1 | NEW GYP BD CEILING TO ALIGN WITH EXISTING GYP BD CEILING. | |
| A2.2 | ALIGN NEW CEILING TO EXISTING GRID, REPALCE CUT TILES. | |

REFLECTED CEILING LEGEND:

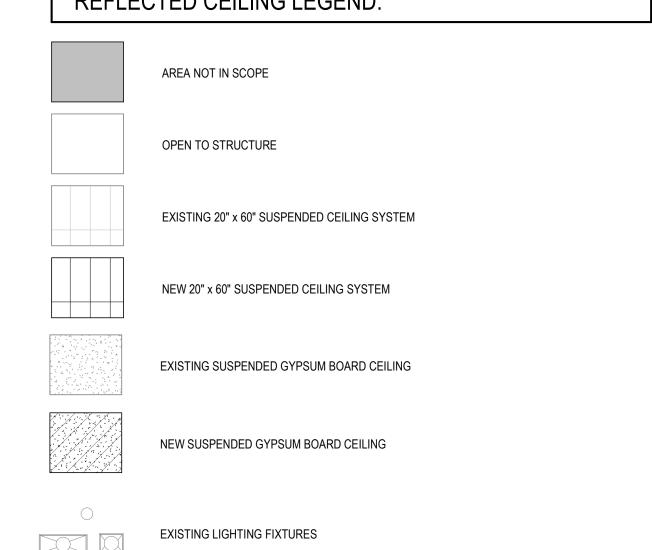
NEW LIGHTING FIXTURES

O •

ACT CEILING AS SCHEDULED

_ 3 5/8" METAL STUD @ 16" OC

_ 5/8" GYP. BD.





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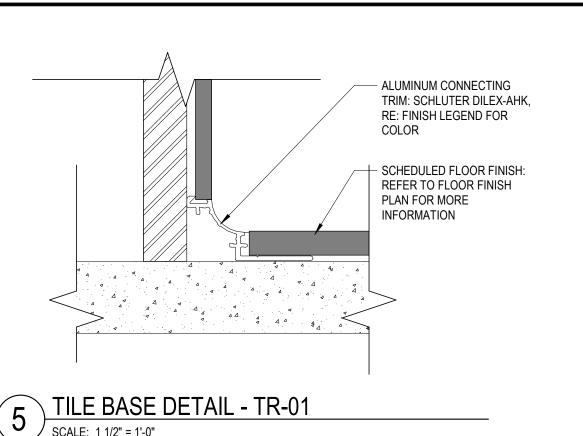
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FIRST FLOOR REFLECTED CEILING PLAN



NOTE:
GC TO ENSURE TRANSITION MEETS 1/4"
OR 1/2" ADA REQUIREMENTS

CONCRETE

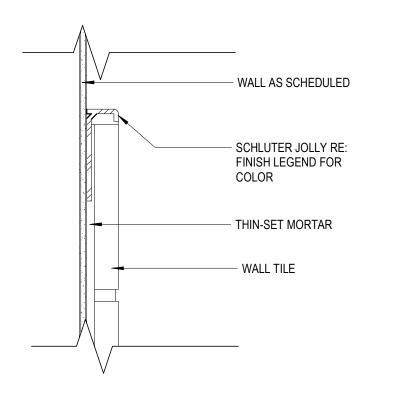
SCHLUTER 'RENO-RAMP,
OR EQUAL

LVT

CONCRETE SLAB

6 LVT TO CONCRETE - TR-05

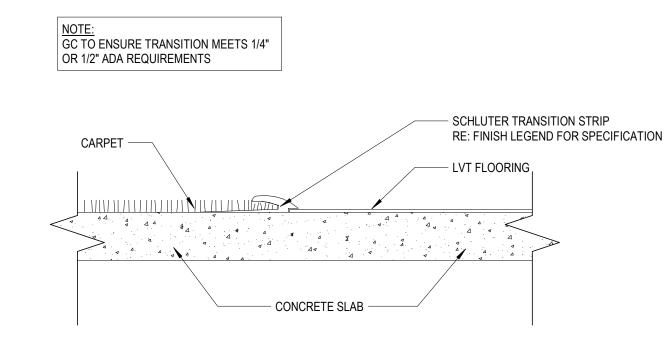
SCALE: 1 1/2" = 1'-0"

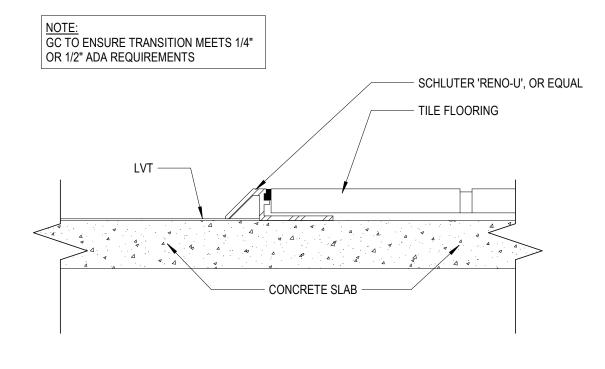


TILE EDGE - JOLLY - TR-02

FIRST FLOOR FINISH PLAN

SCALE: 1/8" = 1'-0"



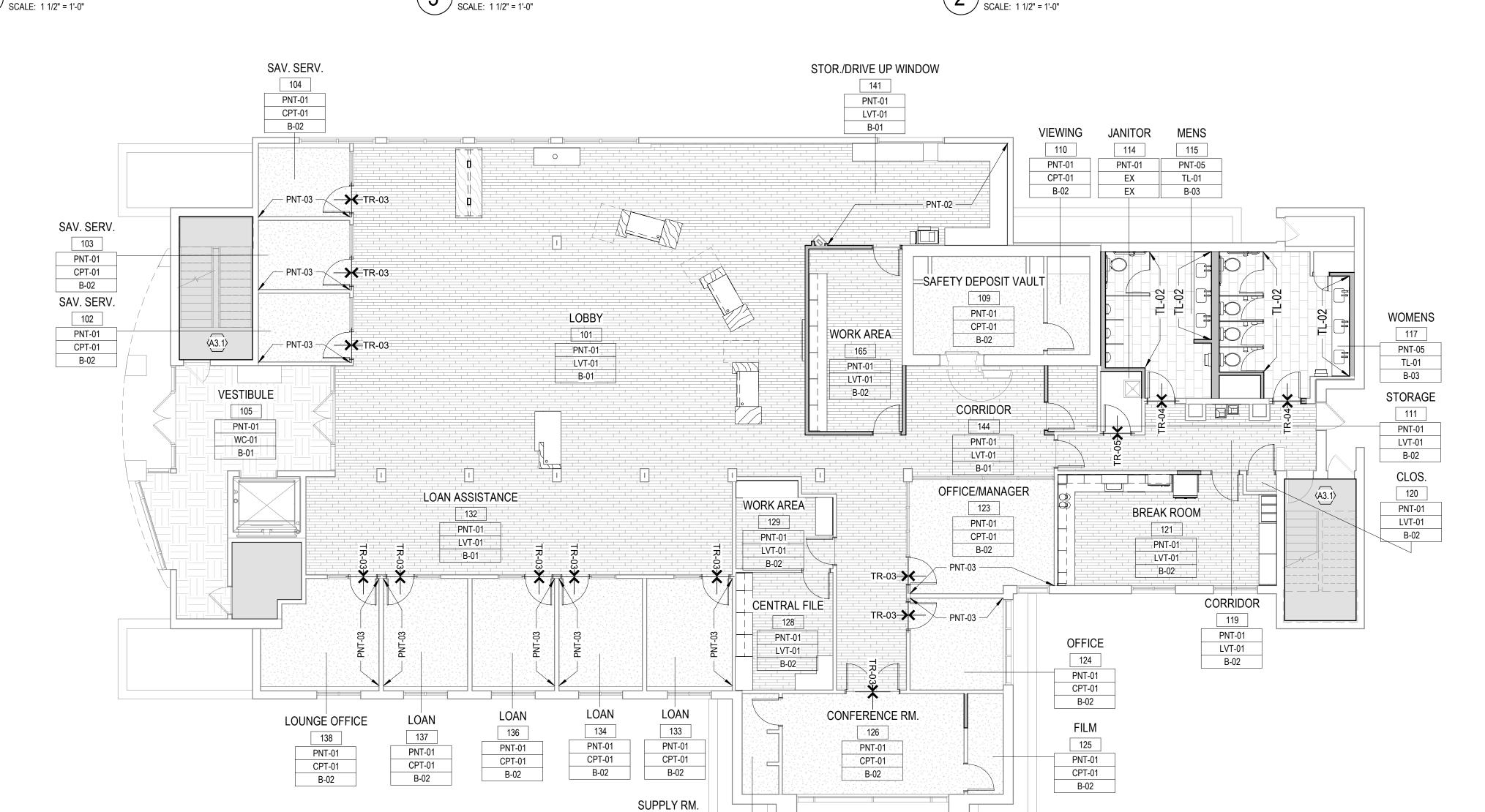


3 CARPET TO LVT - TR-03

SCALE: 1 1/2" = 1'-0"

2 LVT TO TILE - TR-04

SCALE: 1 1/2" = 1'-0"



127

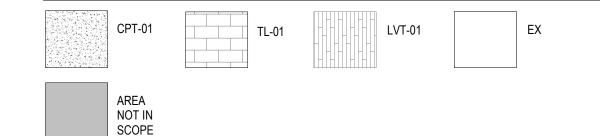
PNT-01

CPT-01 B-02

FINISH PLAN NOTES:

- 1. WHERE CERAMIC TILE IS SCHEDULED, 5/8" CEMENTITIOUS BACKER BOARD SHALL BE SUBSTITUTED
- FOR THE GYP. BD. LAYER.
 2. REFER TO SHEET A603 FOR FINISH SCHEDULE.
- 3. ALL WALLS WITHIN FIRST FLOOR SCOPE TO BE PNT-1, UNLESS NOTED OTHERWISE.
- 4. EXISTING FINISHES AT LOWER LEVEL TO REMAIN, UNO.
- 5. SWITCH COVERS TO BE REPLACED. APPROVE WITH DESIGNERS BEFORE INSTALL.6. ALL WINDOW SILL AND MULLIONS TO BE PAINTED PNT-01.

FINISH SYMBOL LEGEND



KEYNOTES

Key Value

Keynote Text

ADD ALTERNATE: PAINT EXISTING WALLS AND HAND RAILS.

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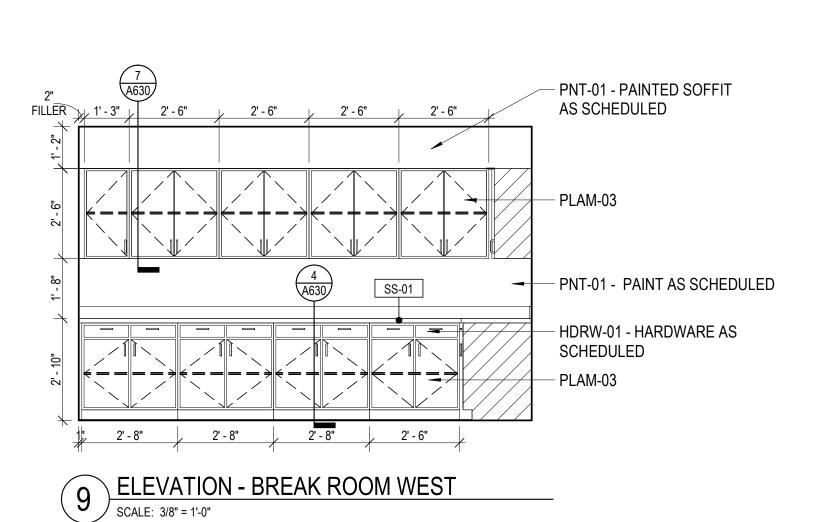
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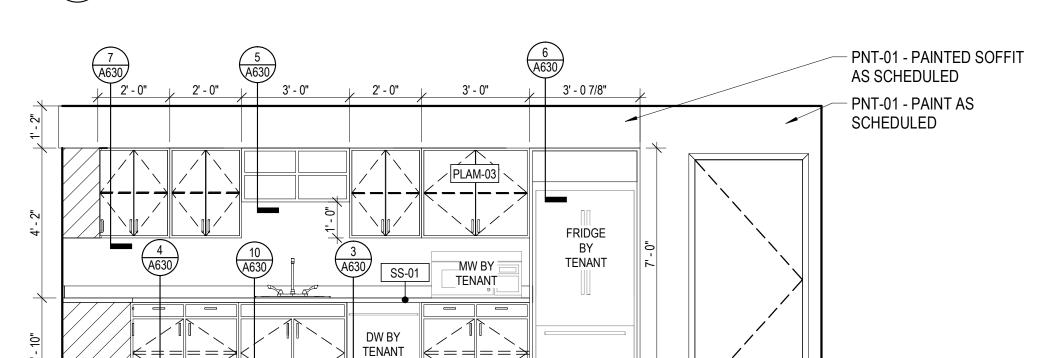
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FIRST FLOOR FINISH PLAN





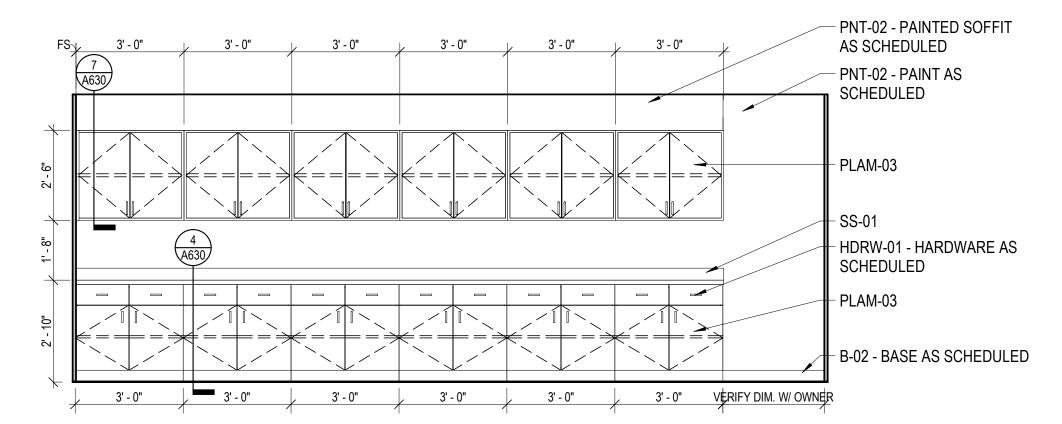
B-02 - BASE AS

SCHEDULED

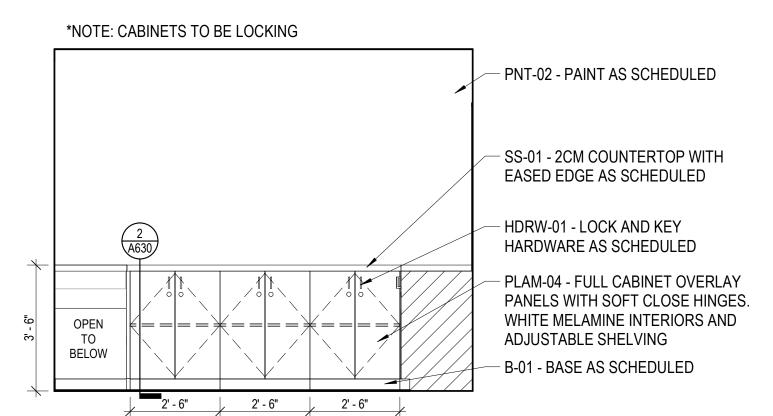
PLAM-03

RE: MANF. 3' - 0" 3' - 0 7/8" V.I.F. REF: MANF.

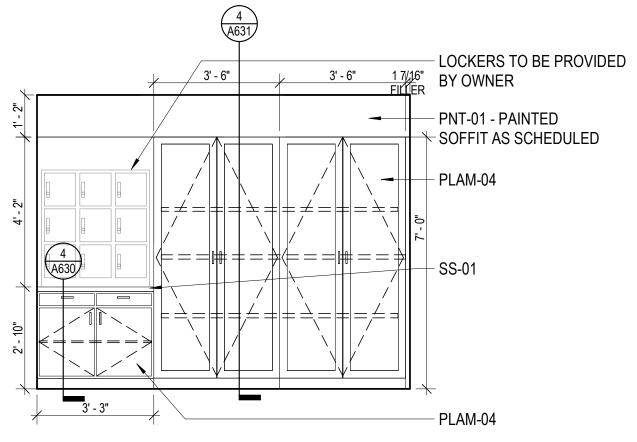
8 ELEVATION - BREAK ROOM NORTH SCALE: 3/8" = 1'-0"



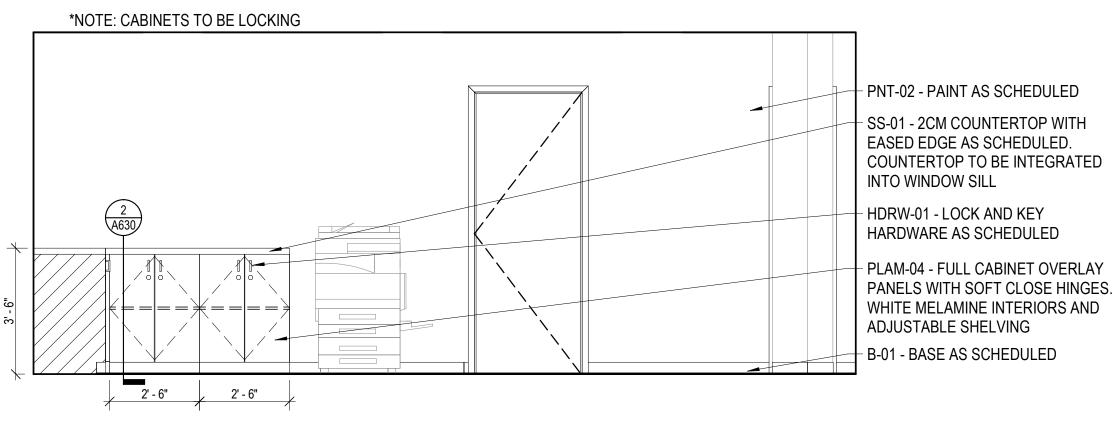
5 ELEVATION - WORK AREA WEST SCALE: 3/8" = 1'-0"



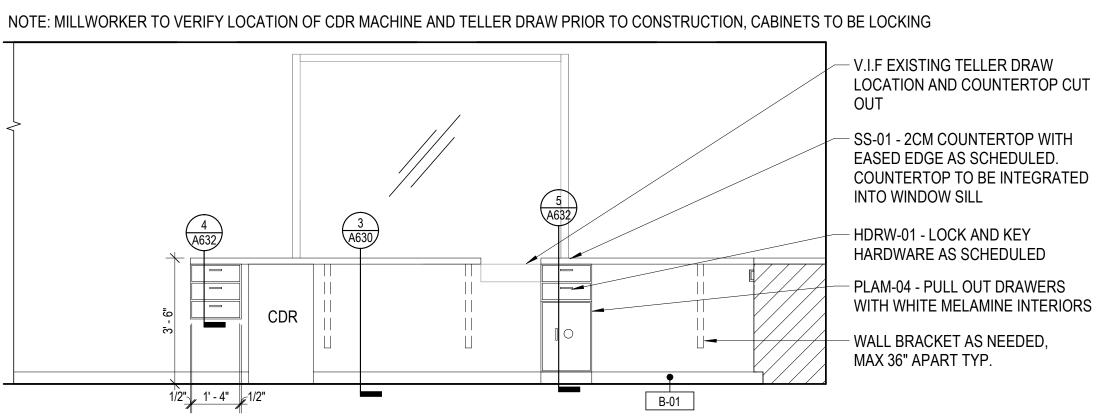
3 ELEVATION - STORAGE/ DRIVE UP WINDOW EAST SCALE: 3/8" = 1'-0"



7 ELEVATION - BREAK ROOM EAST SCALE: 3/8" = 1'-0"



4 ELEVATION - STORAGE/ DRIVE UP WINDOW SOUTH SCALE: 3/8" = 1'-0"



2 ELEVATION - STORAGE/ DRIVE UP WINDOW NORTH SCALE: 3/8" = 1'-0"

GENERAL ELEVATION NOTES:

1. ALL VERTICAL DIMENSIONS SHOWN ARE FROM FINISH FLOOR.



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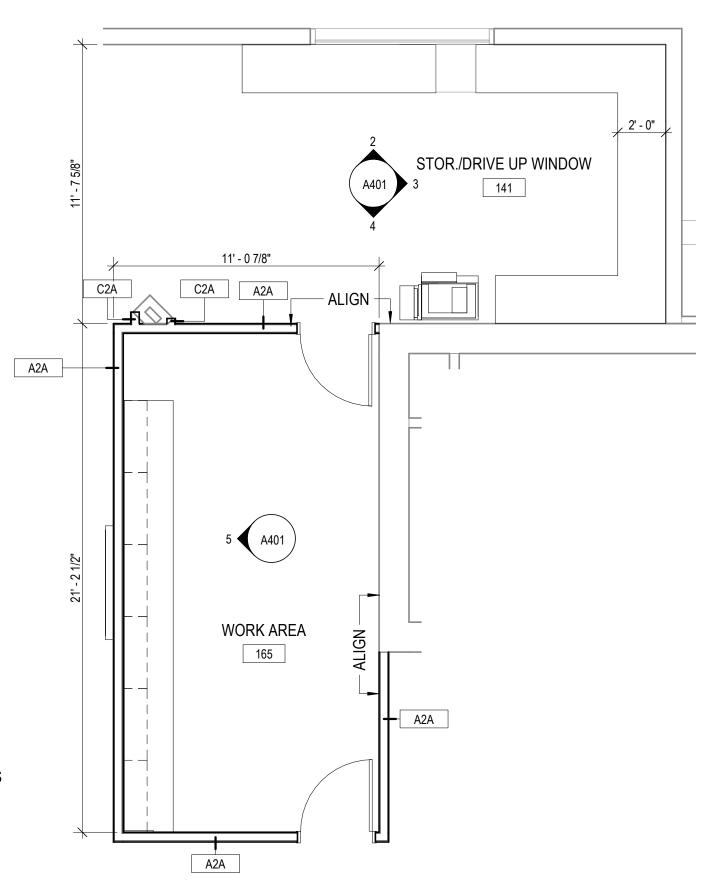


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6 FIRST FLOOR PLAN - BREAK ROOM

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

BREAK ROOM



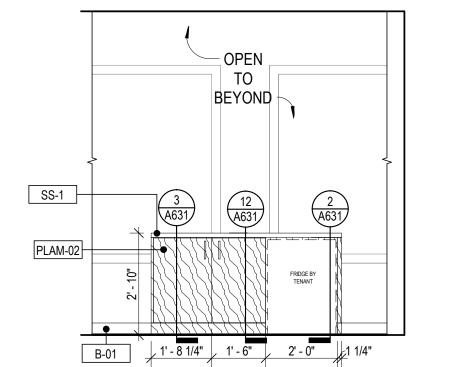
1 ENLARGED PLAN - TELLER WORK AREA SCALE: 1/4" = 1'-0"

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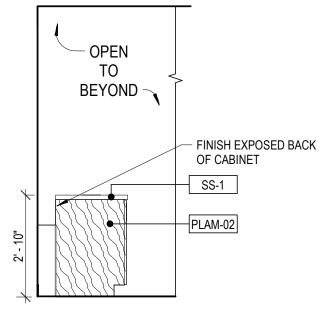
Project No: CUC15.30
Drawn By: TT
Checked By: HE

ENLARGED PLANS AND ELEVATIONS - STOR./DRIVE UP WINDOW - WORK AREA



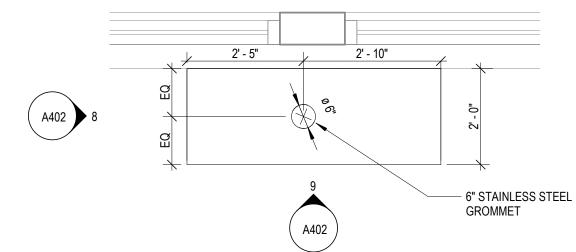


9 ELEVATION - WELCOME DESK FRONT SCALE: 3/8" = 1'-0"

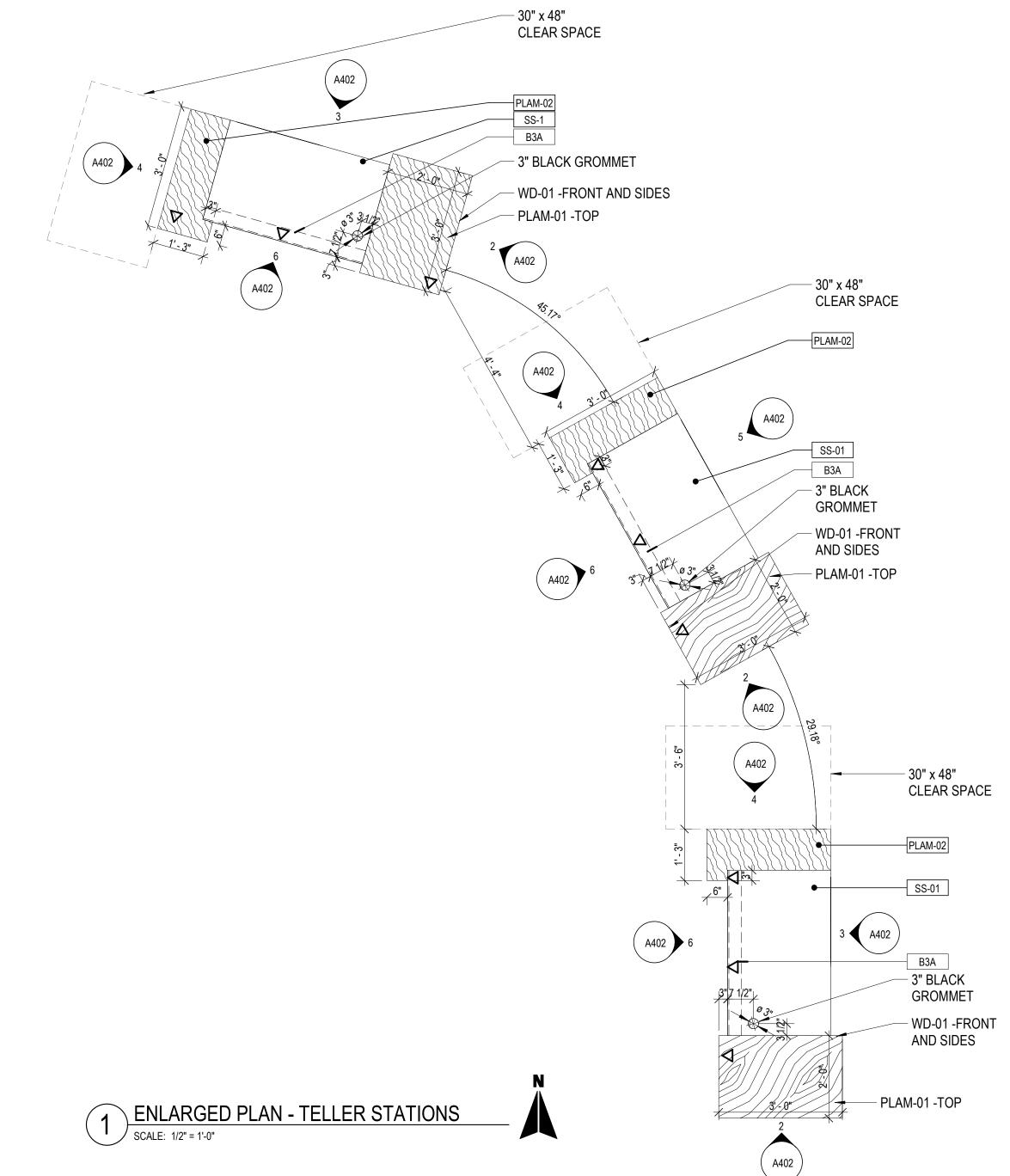


8 ELEVATION - WELCOME DESK SIDE, TYP.

SCALE: 3/8" = 1'-0"



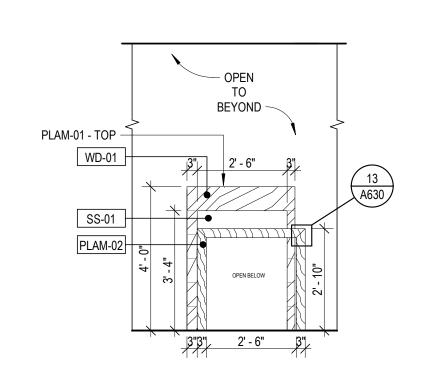
7 ENLARGED PLAN - WELCOME CENTER SCALE: 1/2" = 1'-0"





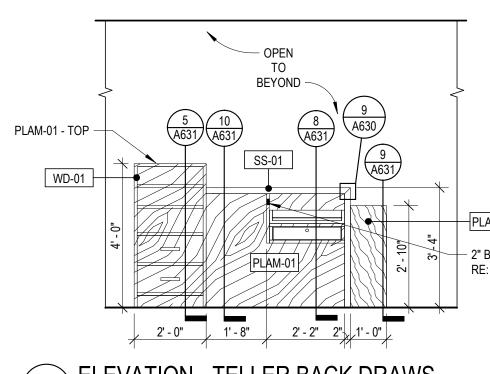
PLAM-02 - 2" BLACK GROMMET, RE: DETAIL 1' - 3" 3' - 9" 2' - 0" 5 ELEVATION - TELLER BACK, CDR SCALE: 3/8" = 1'-0" 6 ELEVATION - TELLER FRONT, TYP.

SCALE: 3/8" = 1'-0"

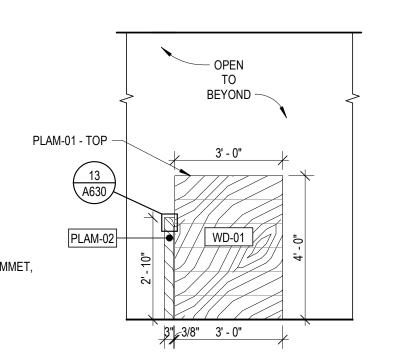


ELEVATION - TELLER POD ADA COUNTER TYP.

SCALE: 3/8" = 1'-0"



2" BLACK GROMMET, RE: DETAIL 3 ELEVATION - TELLER BACK DRAWS
SCALE: 3/8" = 1'-0"



2 ELEVATION - TELLER TOWER SIDE, TYP.

SCALE: 3/8" = 1'-0"

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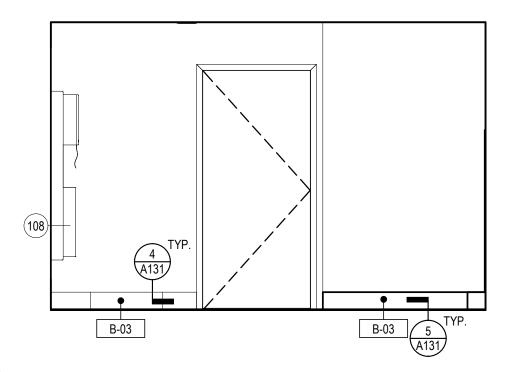
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ENLARGED PLANS AND ELEVATIONS - TELLER STATIONS

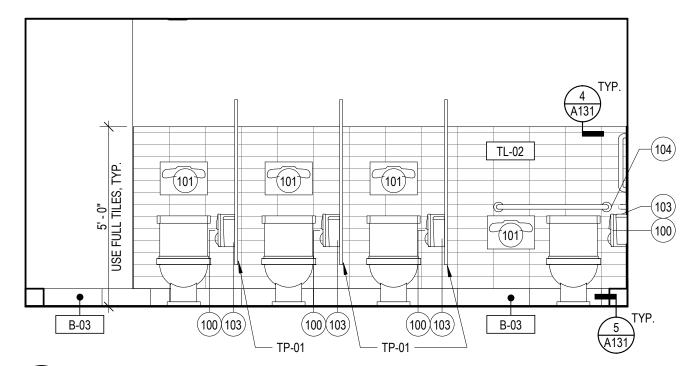
GENERAL ELEVATION NOTES:

1. ALL VERTICAL DIMENSIONS SHOWN ARE FROM FINISH FLOOR.

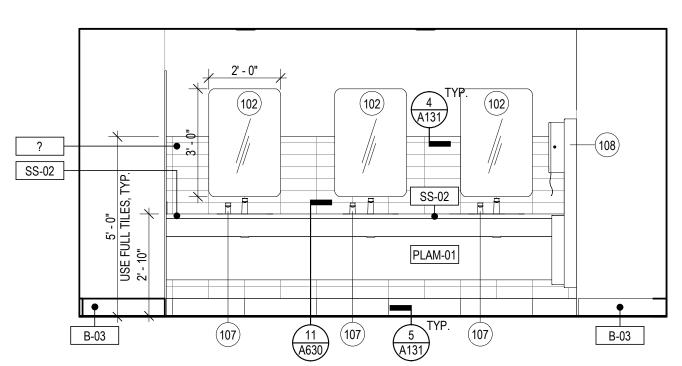
| ACCESSORIES | | | |
|-------------|---|--------------|--------------|
| Type Mark | Description | Manufacturer | Model |
| 100 | TOILET TISSUE DISPENSER | BOBRICK | B-4288 |
| 101 | SURFACE MOUNTED SEAT COVER DISPENSER | BOBRICK | B-221 |
| 102 | CHANNEL FRAME MIRROR | ASI | WBB201827 |
| 103 | SURFACE MOUNTED SANITARY NAPKIN DISPOSAL | BOBRICK | B-254 |
| 104 | 36" GRAB BAR | BOBRICK | B-6806x36.99 |
| 105 | 42" GRAB BAR | BOBRICK | B-6806x42 |
| 106 | 18" VERTICAL GRAB BAR | BOBRICK | B-6806x18 |
| 107 | COMPOSED TOUCHLESS FOAMING SOAP DISPENSER | KOHLER | K-25198 |
| 108 | AUTOMATIC PAPER TOWEL DISPENSER AND WASTE RECEPTACLE | BOBRICK | B-3974 |



8 ELEVATION - MENS RR SOUTH
SCALE: 3/8" = 1'-0"

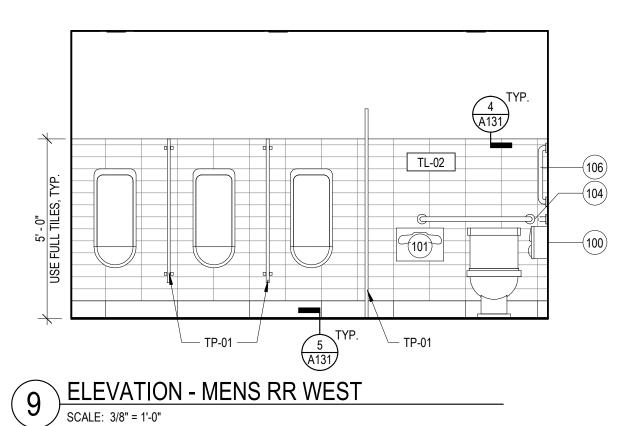


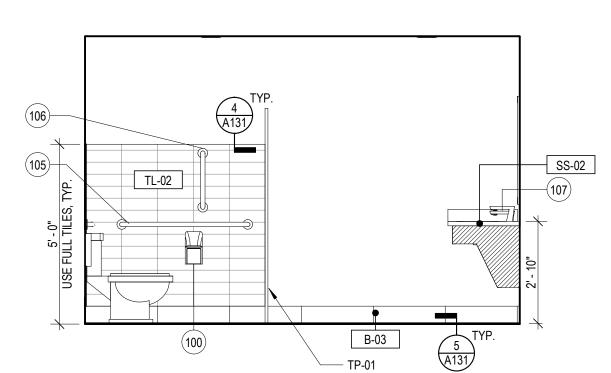
5 ELEVATION - WOMENS RR WEST SCALE: 3/8" = 1'-0"



3 ELEVATION - WOMENS RR EAST

SCALE: 3/8" = 1'-0"



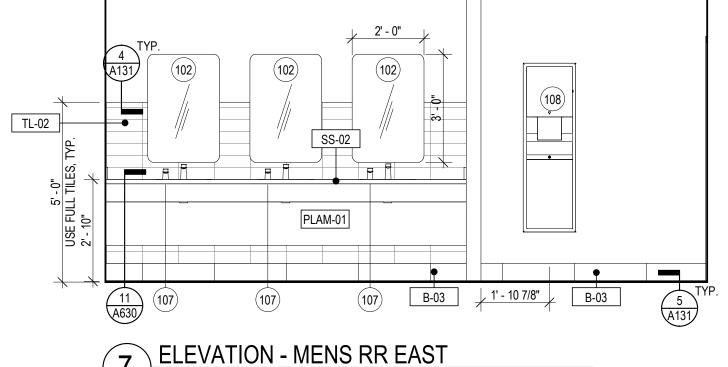


6 ELEVATION - MENS RR NORTH

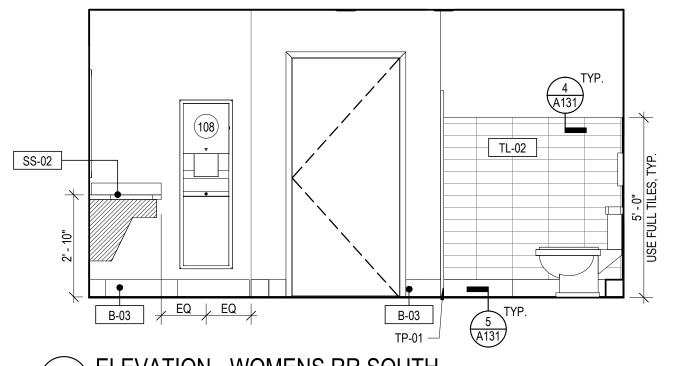
SCALE: 3/8" = 1'-0"

30" X 48" CLEAR SPACE -60" DIAM. CLEAR SPACE — 59" X 60" CLEAR SPACE —

C6B

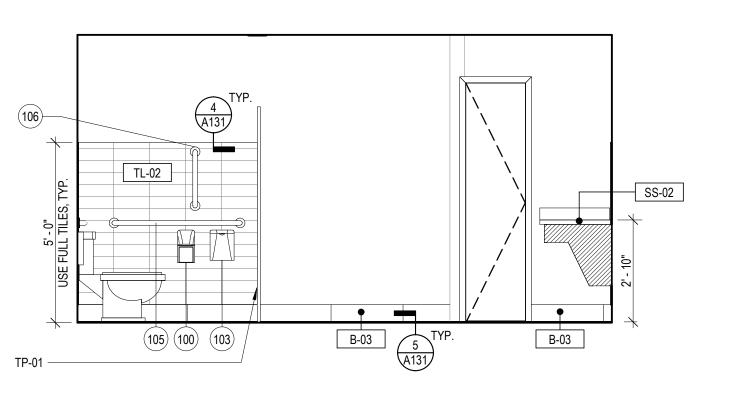


SCALE: 3/8" = 1'-0"

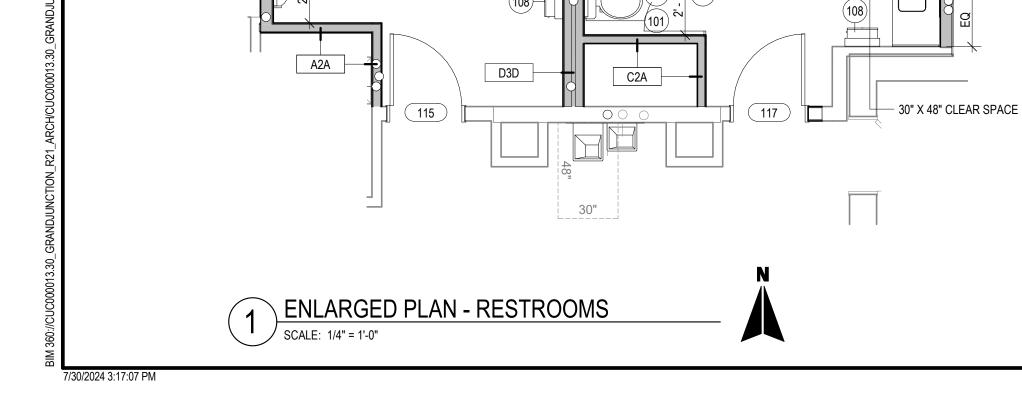


ELEVATION - WOMENS RR SOUTH
SCALE: 3/8" = 1'-0"

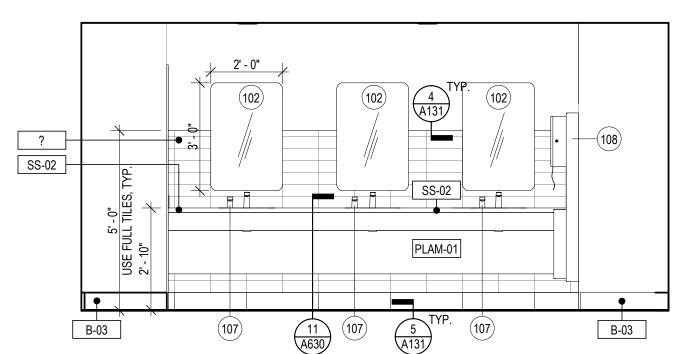
- 59" X 60" CLEAR SPACE - 60" DIAM. CLEAR SPACE



2 ELEVATION - WOMENS RR NORTH SCALE: 3/8" = 1'-0"



A2B



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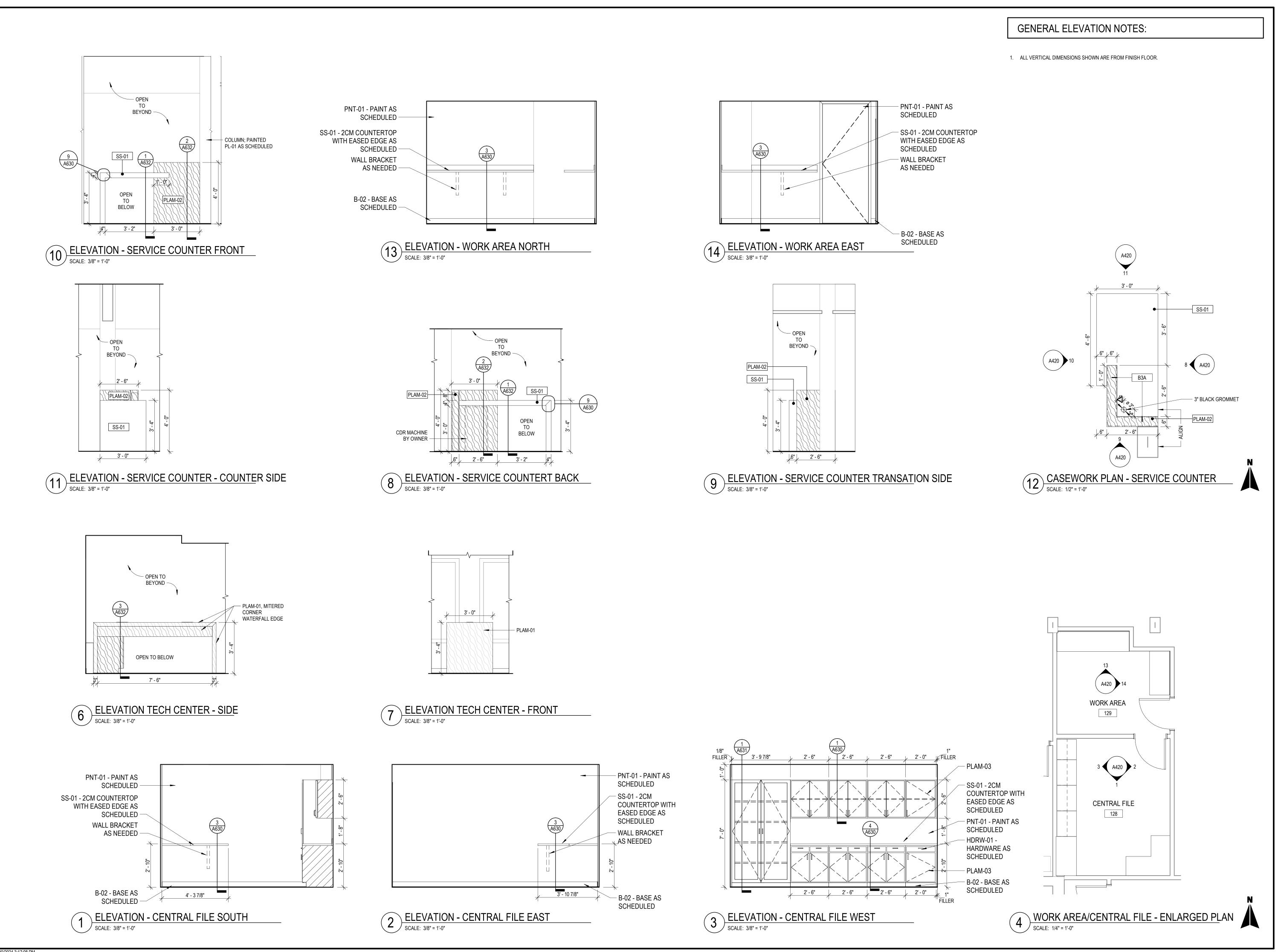


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| Drawn By: | TT |
| Checked Bv: | HB |

ENLARGED PLANS AND ELEVATIONS - RESTROOMS



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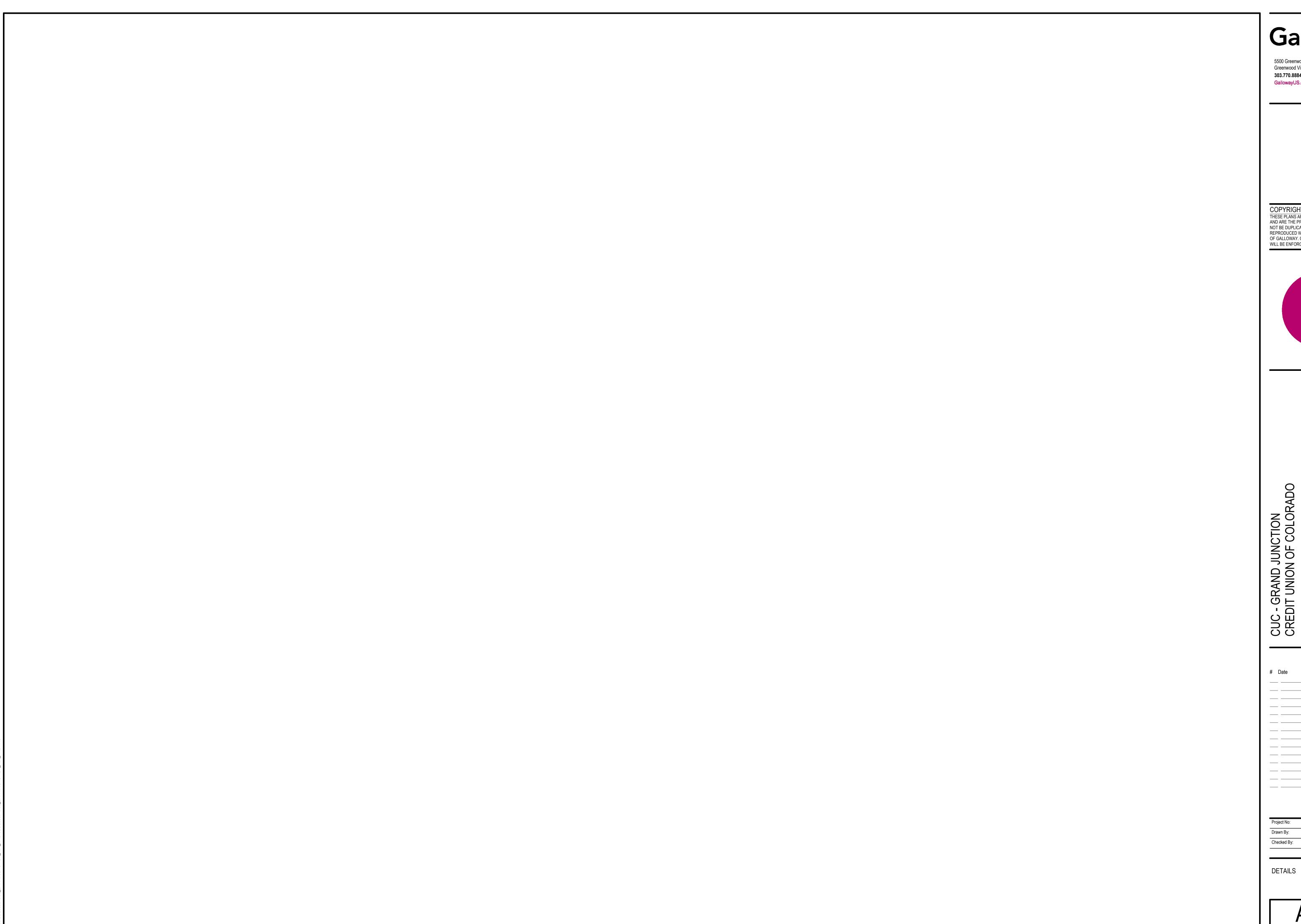
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Date Issue/Description
07/30/2024 ISSUE FOR PERMIT

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Project No: CUC15.30
Drawn By: TT
Checked By: HE

INTERIOR ELEVATIONS



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202 MAIN ST, GRANDJUNCTION, CO 81501

| Project No: | CUC15.30 |
|-------------|----------|
| Drawn By: | Author |
| Checked By: | Checker |

| MARK | PRODUCT | MANUFACTURER | SERIES/STYLE | COLOR | FINISH | SIZE | SPECIAL INSTRUCTIONS | CONTACT |
|-------------------------|--|------------------------------------|---|--|--------------------------------------|--|---|--|
| CEILING TILE | | | | | | | | |
| ACT-01 | ACOUSTIC CEILING PANELS | ARMSTRONG CEILING | MATCH EXISTING | WHITE | N/A | MATCH EXISTING | INSTALL PER MANUFACTURER RECOMMENDATIONS, CORNERS TO BE FIELD FORMED. | |
| BASE | | | | | | | | |
| B-01 | WALL BASE | TARKETT | MW-XX-A DIPOMAT PROFILE | 63 BURNT UMBER | N/A | | | |
| B-02 | WALL BASE | TARKETT | RWDC-XX-G ROYALE PROFILE | 63 BURNT UMBER | N/A | 4" | | |
| B-03 | RESTROOM WALL BASE | AMERICAN OLEAN | THEORETICAL | TH96 CREATIVE GRAY | N/A | 6"X24" | INSTALL PATTERN: BRICK. 1/8" GROUT JOINT, GROUT TO BE CUSTOM BUILDING PRODUCTS CBP09 | |
| LOORING | NESTROOM WALL BASE | AMENICAN OLLAN | THEORETICAL | THE CREATIVE GRAT | N/A | 0 724 | NATURAL. PROVIDE ALL SCHLUTER TRIM PIECES AT FLOOR/ WALL TRANSITIONS TO ANOTHER TYPE. | |
| CPT-01 | CARPET | BENTLY | SUITABLE | BENEFITTING 411457 | N/A | 18" X 36" | INSTALL PATTER: ASHLAR, DIRECTION INDICATED ON PLAN | LAURA POWERS LAURA.POWERS@BENTLEYMILLS. |
| LVT-01 | LUXURY VINYL TILE | MANNINGTON | AMTICO SIGNITURE - WOOD | AROW8280 PACIFIC GRAIN | N/A | 6" X 36" | INSTALL PER MANUFACTURER RECOMMENDATIONS. PROVIDE SEAMING DIAGRAMS FOR DESIGNER APPROVAL PRIOR TO RELEASING FOR PRODUCTION PATTERN: REFERENCE FINISH PLANS FOR DIRECTION AND PATTERN/DESIGN. | SHANNON WHITE SHANNONWHITE@MANNINGTON 720.492.3901 |
| SC-01 | SEALED CONCRETE | | | CLEAR | | | · · · · · · · · · · · · · · · · · · · | |
| WC-01 | WALK OFF CARPET | MANNIGNTON | FRIXTON; FORCE | VECTO 41362 | N/A | 18" X 36" | INSTALL PATTER: ASHLAR, DIRECTION INDICATED ON PLAN | SHANNON WHITE SHANNONWHITE@MANNINGTON 720.492.3901 |
| PAINT | DAINT MAIN WALLS | CHEDIAIN MILLIANG | DDOMAR 200 ZERO VOC | CDEEN VIII V CHIZZE | ECCOUTU | N1/A | ALL CVD WALLS LING | Peter Kremm |
| PNT-01 PNT-02 | PAINT - MAIN WALLS PAINT - ACCENT | SHERWIN WILLIAMS SHERWIN WILLIAMS | PROMAR 200 ZERO VOC PROMAR 200 ZERO VOC | GREEK VILLA SW7551 ELLIE GRAY SW7650 | EGGSHELL | N/A N/A | ALL GYP WALLS UNO REFERENCE FINISH PLAN | peter.kremm@sherwin.com Peter Kremm |
| | | | | | | | | peter.kremm@sherwin.com Peter Kremm |
| PNT-03 PNT-04 | PAINT - ACCENT PAINT - RESTROOM WALLS | SHERWIN WILLIAMS SHERWIN WILLIAMS | PROMAR 200 ZERO VOC PROMAR 200 ZERO VOC | TANGAROA #001A38 GREEK VILLA SW7551 | EGGSHELL SATIN | N/A N/A | REFERENCE FINISH PLAN REFERENCE FINISH PLAN | peter.kremm@sherwin.com Peter Kremm |
| | | | | | | | | peter.kremm@sherwin.com Peter Kremm |
| PNT-05 | PAINT - DRYWALL CEILINGS/SOFFITS, UNO | SHERWIN WILLIAMS | PROMAR 200 ZERO VOC | GREEK VILLA SW7551 | FLAT | N/A | REFERENCE RCP | peter.kremm@sherwin.com Peter Kremm |
| PNT-06 | PAINT - DOOR AND WINDOW TRIM | SHERWIN WILLIAMS | PROMAR 200 ZERO VOC | IRON ORE SW7069 | GLOSSY | N/A | REFERENCE FINISH PLAN | peter.kremm@sherwin.com Peter Kremm |
| PNT-07 | PAINT - STAIR RAILINGS | SHERWIN WILLIAMS | PROMAR 200 ZERO VOC | IRON ORE SW7069 | SEMI-GLOSS | N/A | REFERENCE FINISH PLAN | peter.kremm@sherwin.com |
| LASTIC LAMA | | | | | | | | |
| PLAM-1 | PLASTIC LAMINATE - WELCOME DESK , COMMUNITY TABLE | PIONITE | | TAILGATING - WT860SD | POLISHED VELVET FINISH | N/A | REFERENCE ELEVATIONS | |
| PLAM-2 | PLASTIC LAMINATE - TELLER PODS | PIONITE | | CATCHING FIREFLIES - WA110 | TEXTURED/SUEDE | N/A | REFERENCE ELEVATIONS | STEVE HARRISON |
| PLAM-3 PLAM-4 | PLASTIC LAMINATE - BREAK/WORK ROOM PLASTIC LAMINATE - TELLER AREA CABINETS | WILSONART | | 7967K-12 PARK ELM 8214K-28 PHANTOM CHARCOAL | SOFT GRAIN FINISH GLOSS LINE FINISH | N/A N/A | | HARRISS@WILSONART.COM STEVE HARRISON |
| | | Wiesofotti | | SZIAK ZSTTWWYOW CIWWCS/L | GEGGG EINE FINNISH | 14/1 | | HARRISS@WILSONART.COM |
| SOLID SURFAC | | | | | | | | |
| SS-01 | SOLID SURFACE - GENERAL COUNTERTOPS | WILSONART | QUARTZ-Q4023 | Q4023 SANTIAGO | N/A | N/A | 2CM | |
| SS-02 | SOLID SURFACE - RR COUNTERTOPS | WILSONART | MONTE AMIATA | N/A | N/A | N/A | INSTALL PER MANUFACTURER RECOMMENDATIONS; PROVIDE SEAMING DIAGRAMS FOR DESIGNER APPROVAL PRIOR TO RELEASING FOR PRODUCTION. | |
| OILET PARTIT | rions | | | | | STANDARD PRIVACY - 58" | | |
| TP-01 | FLOOR MOUNTED TOILET PARTITIONS - SHARED BATHROOMS | BOBRICK | TRADITIONAL PARTITIONS - COMPACT-GRADE LAMINATE | MOUSE - 928C-58 | MATTE TEXTURE | DOORS & PANELS AND 12" FLOOR CLEARENCE | INSTALL PER MANUFACTURER RECOMMENDATIONS, CORNERS TO BE FIELD FORMED. | PETER ELLIOTT PETER@EASALES.C |
| TILE | | | | | | | 1 | |
| TL-01 | FLOOR TILE - RESTROOM FLOOR | AMERICAN OLEAN | THEORETICAL | TH96 CREATIVE GRAY | N/A | 12"X24" | INSTALL PATTERN: BRICK. 1/8" GROUT COLOR: MAPEI - PEARL GRAY 19. GROUT JOINT, GROUT TO BE CUSTOM BUILDING PRODUCTS CBP09 NATURAL. PROVIDE ALL SCHLUTER TRIM PIECES AT FLOOR/ WALL TRANSITIONS TO ANOTHER TYPE. | |
| TL-02 | WALL TILE - RESTROOM WALLS | DECORATIVE MATERIALS | INDUSTRIAL GLASS | STEEL | N/A | 4"X12" | INSTALL PATTERN: GRID. 1/8" GROUT COLOR: MAPEI - WARM GRAY 93. GROUT JOINT, GROUT TO BECUSTOM BUILDING PRODUCTS CBP09 NATURAL. PROVIDE ALL SCHLUTER TRIM PIECES AT FLOOR/ WALL TRANSITIONS TO ANOTHER TYPE. PROVIDE SCHLUTER DILEX AT FLOOR TRANSITION. | |
| FINISH TRANSI | | | | DOUGUES | | | l useru era ······ | |
| TR-01 TR-02 TR-03 | TRANSITION: FLOOR TO WALL TRANSITION: TILE EDGE PROTECTION TRANSITION: CARPET TO LVT | SCHLUTER SCHLUTER SCHLUTER | DILEX-AHK JOLLY VINPRO-U | BRUSHED NICKEL ANODIZED BRUSHED NICKEL ANODIZED BRUSHED CHROME | N/A N/A N/A | N/A N/A 3MM | INSTALL PER MANUFACTURER RECOMMENDATIONS INSTALL PER MANUFACTURER RECOMMENDATIONS INSTALL PER MANUFACTURER RECOMMENDATIONS | BY GC BY GC BY GC |
| TR-04 | TRANSITION: LVT TO TILE | SCHLUTER | RENO-U | BRUSHED NICKEL ANODIZED | N/A | N/A | INSTALL PER MANUFACTURER RECOMMENDATIONS | BY GC |
| TR-05 | TRANSITION: LVT TO CONCRETE | SCHLUTER | RENO-RAMP | SATIN ANODIZED | N/A | N/A | INSTALL PER MANUFACTURER RECOMMENDATIONS | BY GC |
| RS-1 | WINDOW SHADES | | | | | | PROVIDE ADD ALTERNATE TO REPLACE ALL WINDOW SHADES | |
| WOOD | | | | CTAINED TO | CIEAR TORSE | | 1 | |
| WD-01 ST-01 | WOOD STAIN WOOD STAIN - DOORS | | MAPLE | STAINED TO MATCH PLAM-01 | CLEAR TOPCOAT FINISH | N/A | | |
| MILLWORK HA | ARDWARE | | | | | | | |
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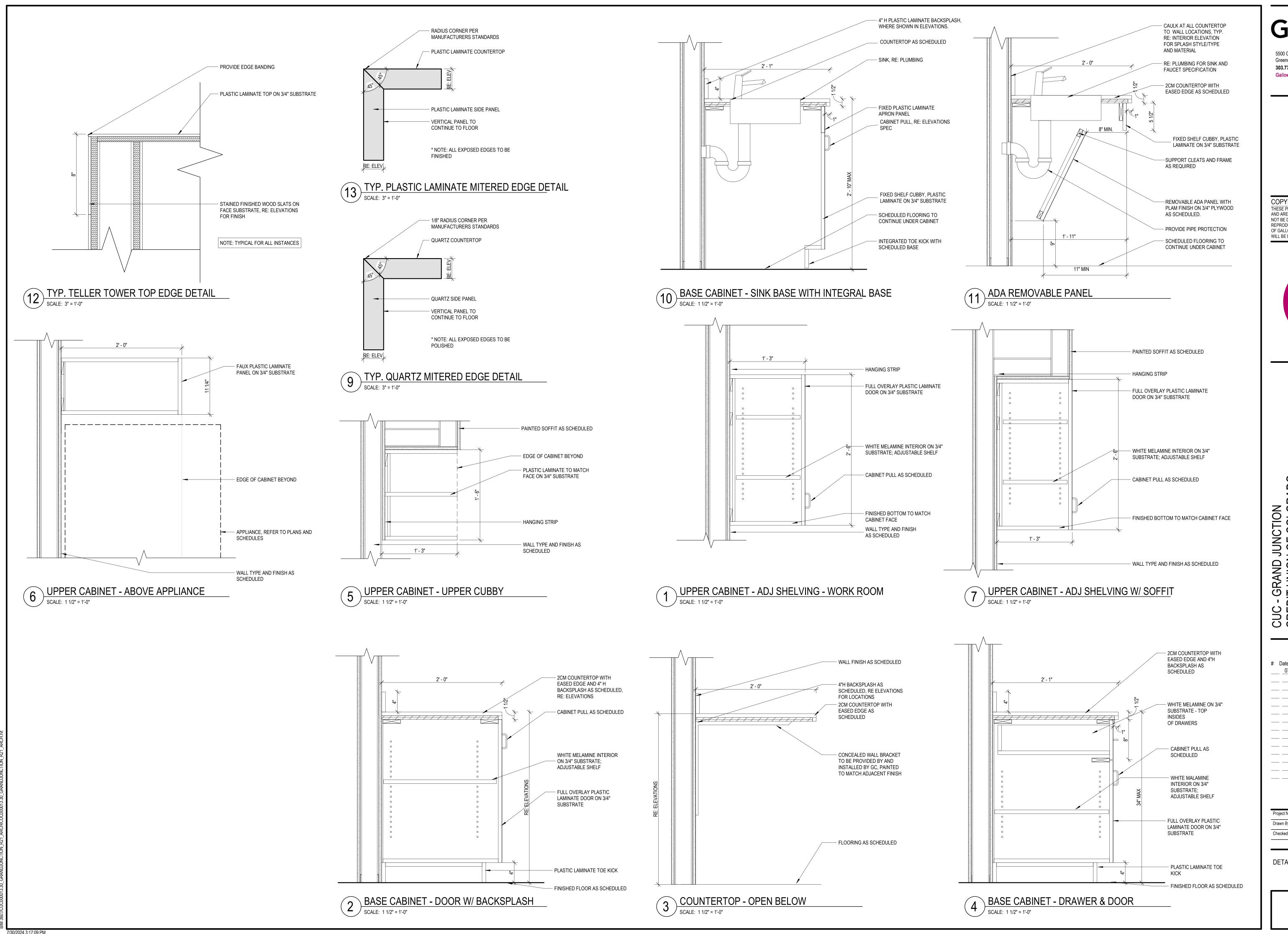
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| Checked By: | НВ |

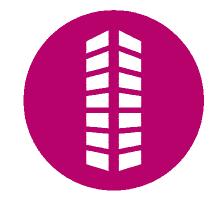
MATERIAL SCHEDULE



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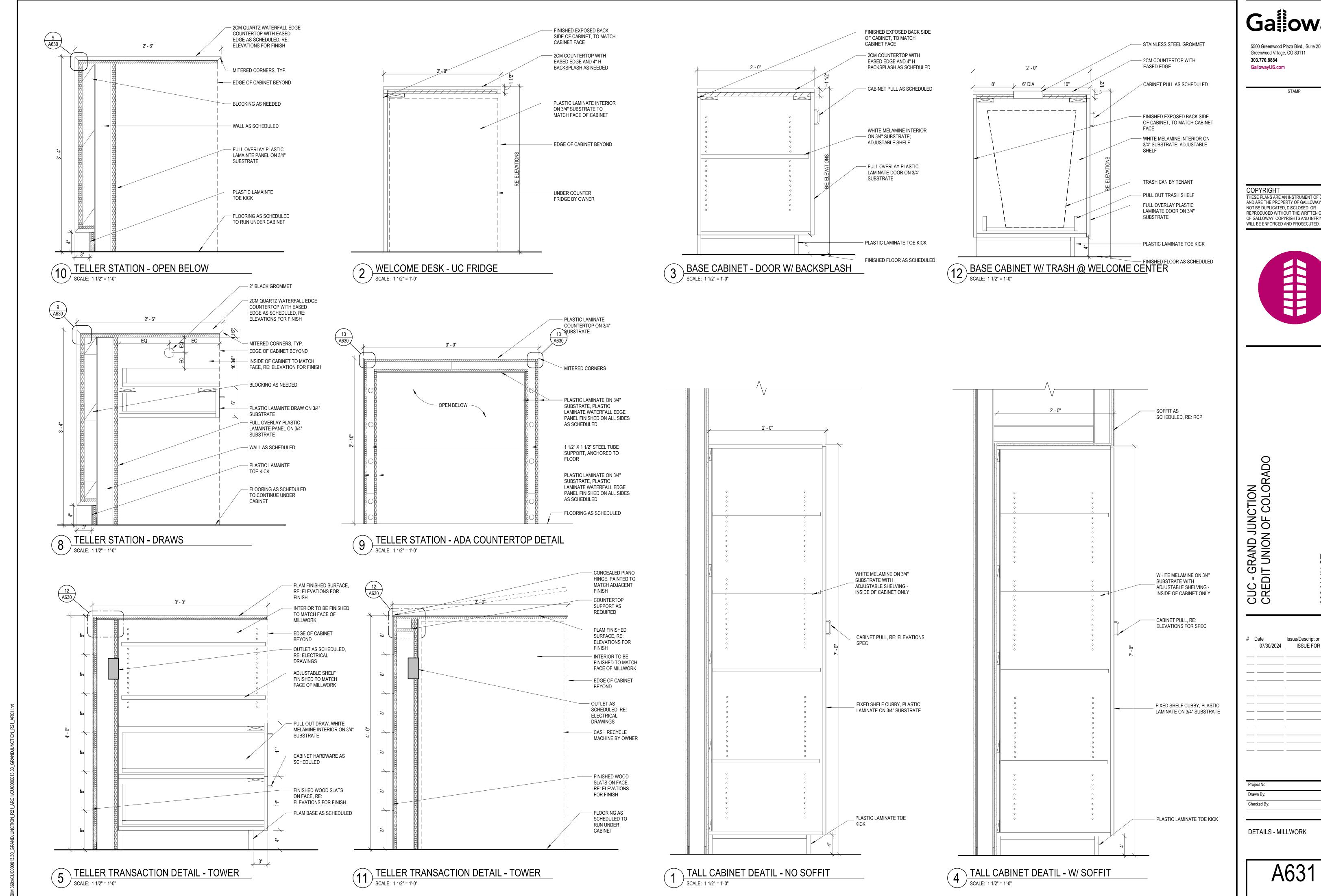
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 Checked By:
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DETAILS - MILLWORK



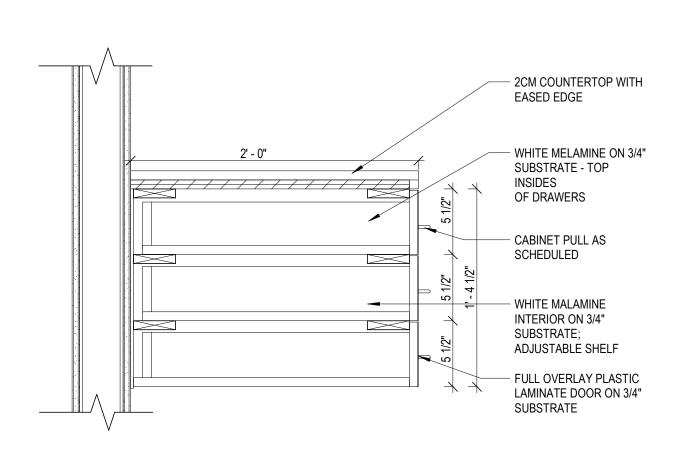
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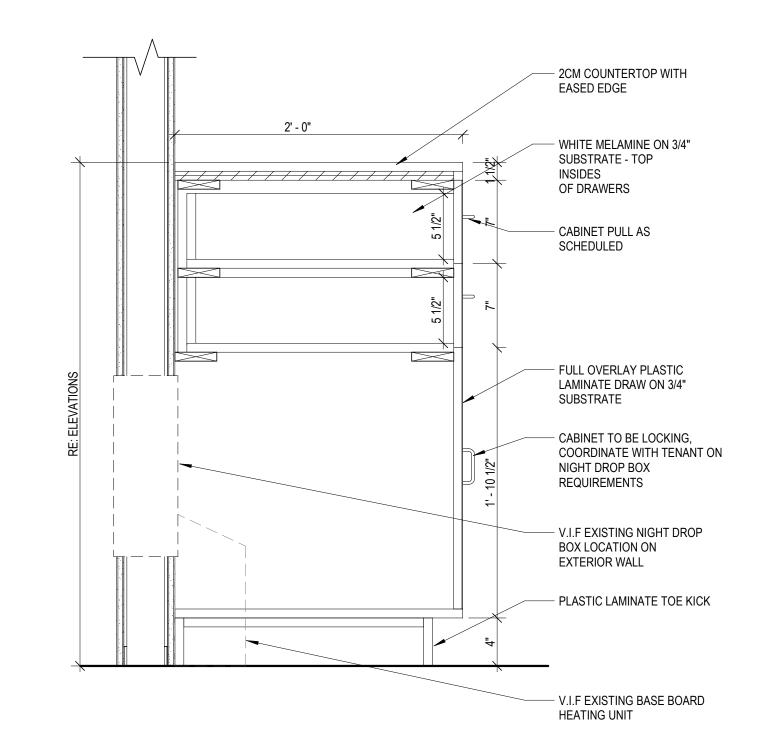
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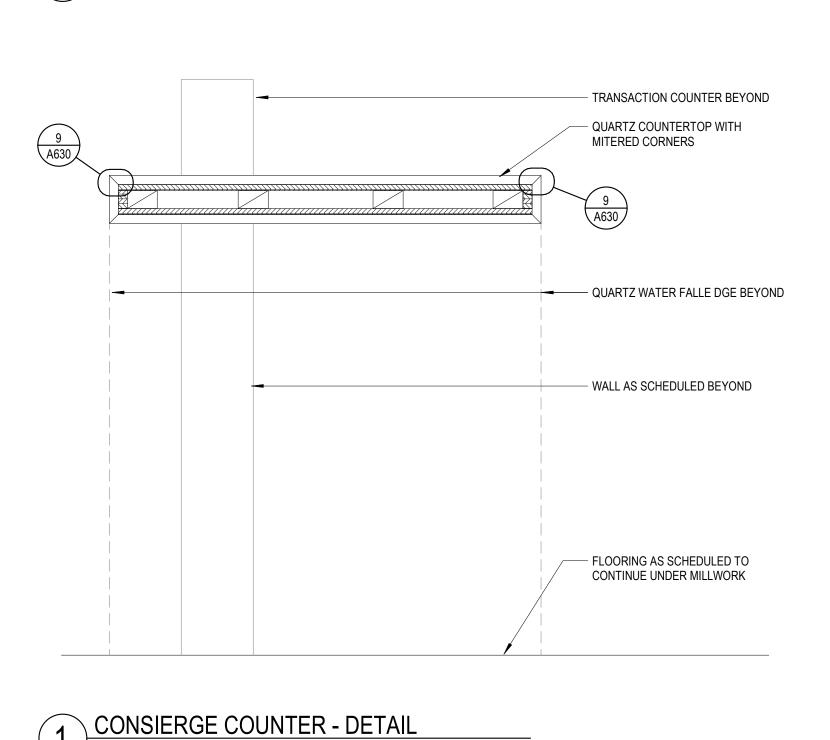
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DETAILS - MILLWORK

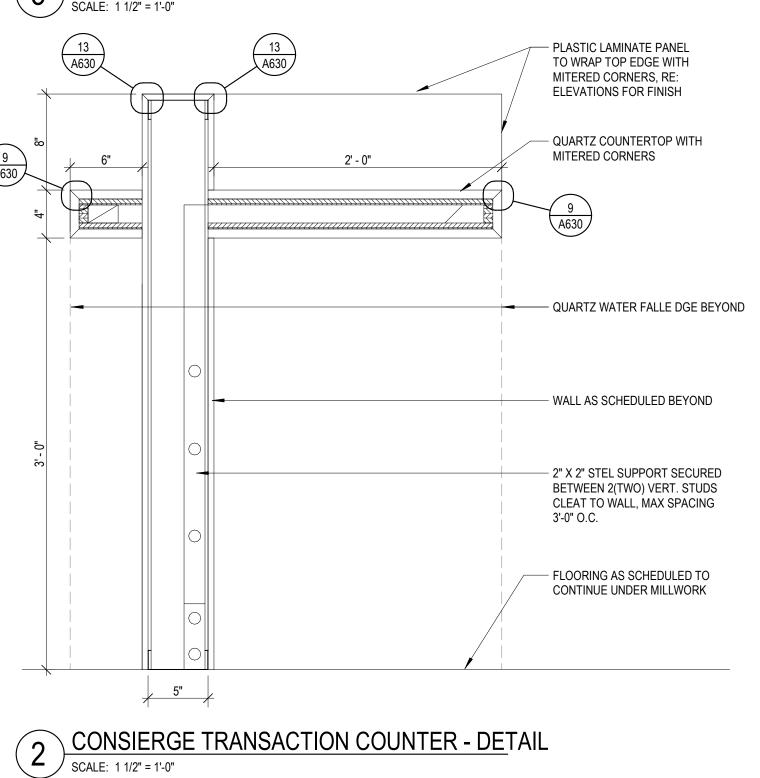


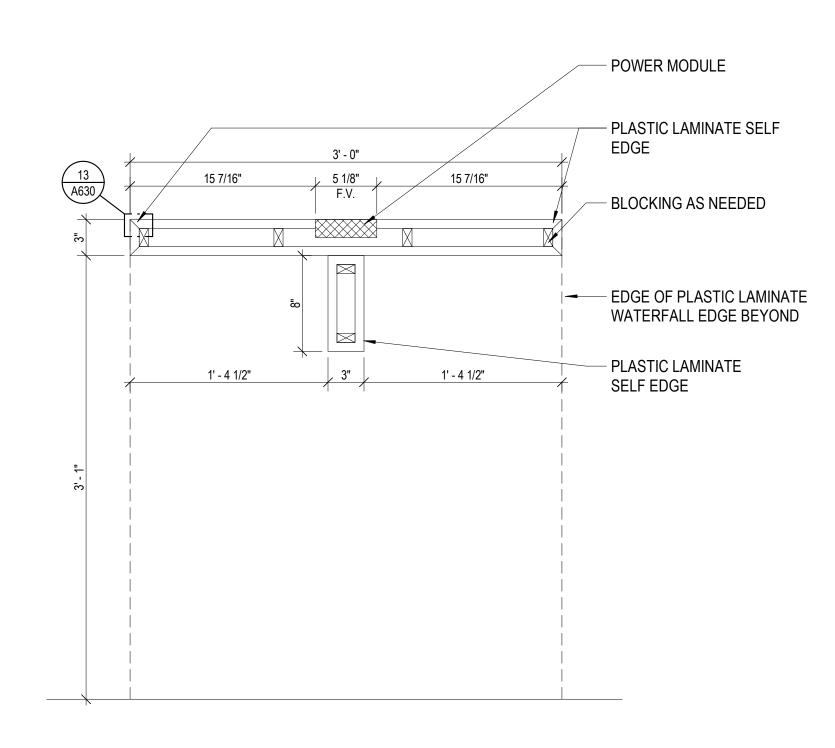


BASE CABINET - FLOATING 3 DRAWER SCALE: 1 1/2" = 1'-0"



BASE CABINET - FLOATING 3 DRAWER @ NIGHT DROP SCALE: 1 1/2" = 1'-0"





3 SECTION - TECH CENTER

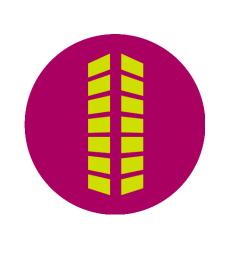
SCALE: 1 1/2" = 1'-0"

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Project No: CUC15.30

Drawn By: Author

Checked By: Checker

DETAILS - MILLWORK

A632

SCALE: 1 1/2" = 1'-0"

KEY NOTES: (#)

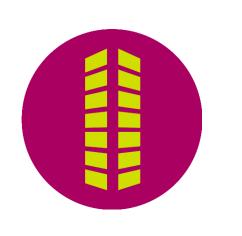
1. MECHANICAL DUCTWORK AND EQUIPMENT SHALL BE EXISTING TO REMAIN IN THIS AREA.



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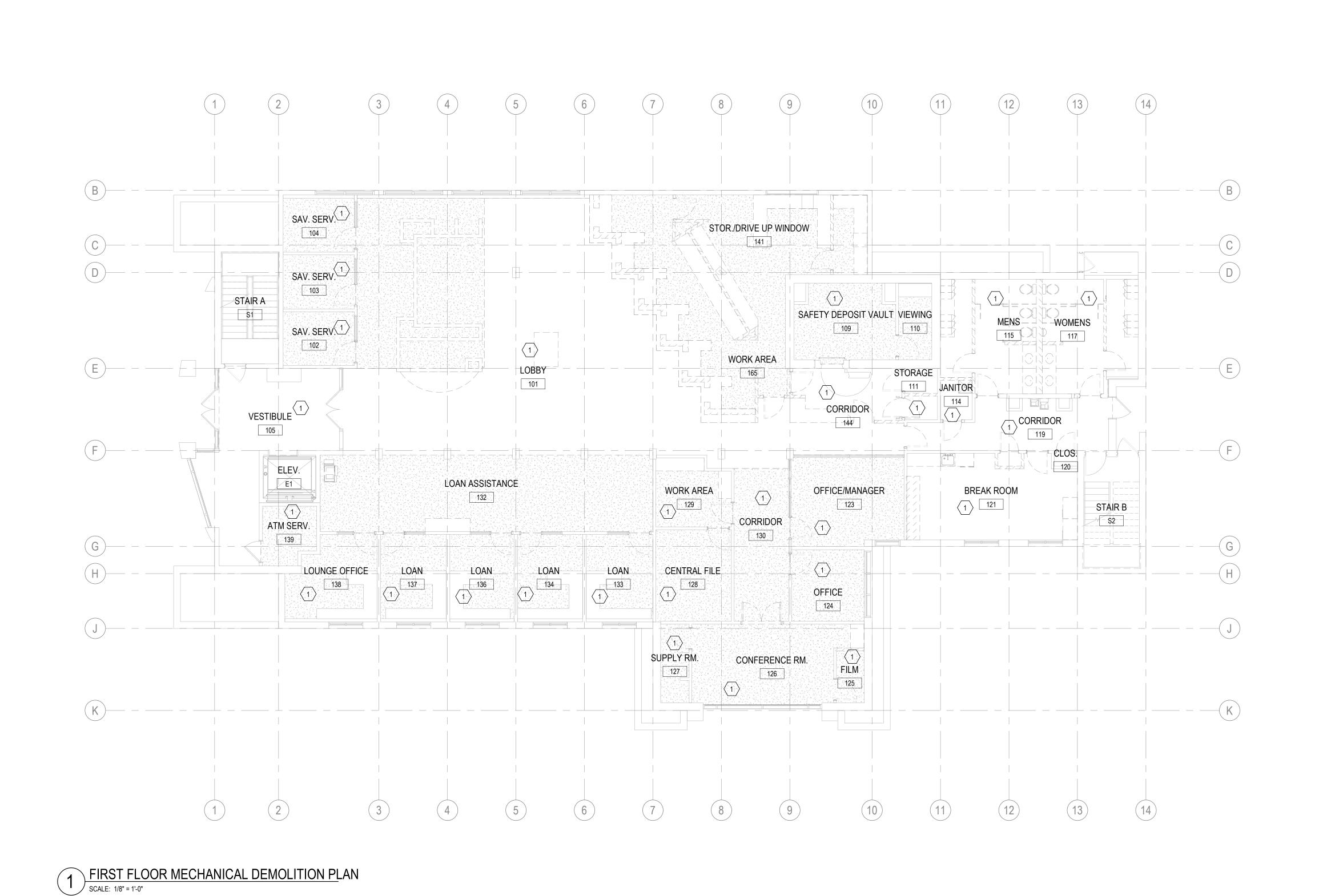
Project No: CUC000013.30

Drawn By: EMA

Checked By: ICE

FIRST FLOOR MECHANICAL DEMOLITION PLAN

MD101



KEY NOTES: (#)

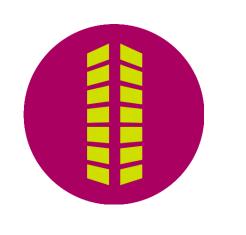
- 1. EXISTING EXHAUST FAN AND EXHAUST REGISTER BALANCED TO 250 CFM TO REMAIN.
- 2. MECHANICAL DUCTWORK AND EQUIPMENT SHALL BE EXISTING TO REMAIN IN THIS AREA.

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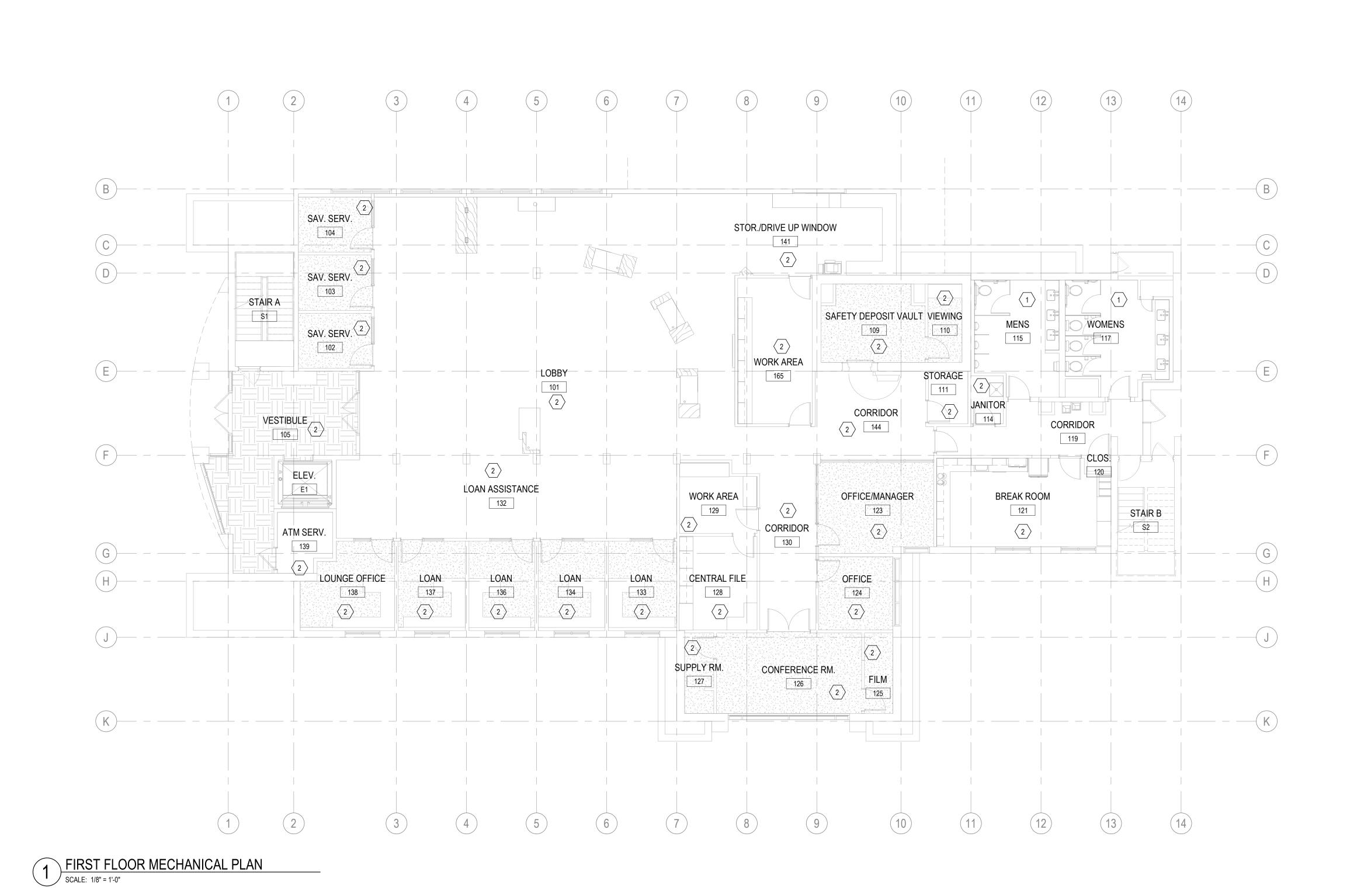
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Drawn By: EM/

FIRST FLOOR MECHANICAL PLAN

M101



DIVISION 22 - PLUMBING SPECIFICATIONS

PRODUCTS

. GENERAL

ALL PRODUCTS USED SHALL COMPLY WITH THE APPLICABLE SECTIONS OF THE PLUMBING CODE IN EFFECT IN THE BUILDING LOCATION. WHERE BIDDER IS NOT SURE, HE IS ADVISED TO DETERMINE WHAT LIMITATIONS, IF ANY, ARE IMPOSED AT THE SITE.

SLEEVES AND ESCUTCHEONS

PROVIDE GALVANIZED SHEET METAL SLEEVES FOR ALL PIPES ABOVE GRADE AT FLOORS, CEILINGS AND PARTITIONS. PROVIDE PIPE SLEEVES TWO NOMINAL PIPE SIZES LARGER THAN PIPE OR INSULATION AT PENETRATIONS. CAULK AND INSTALL

PROVIDE NICKEL PLATED BRASS ESCUTCHEONS WITH SPRING LOCKS OR SET SCREWS AT CEILINGS, FLOORS, AND WALLS FOR ALL PIPES. DO NOT USE CHROME PLATED FERROUS METAL ESCUTCHEONS.

VALVES

VALVES SHALL BE SOLID BRONZE THROUGH 2" SIZE AND BRONZE FITTED FOR LARGER SIZES.

PROVIDE FULL PORT BALL TWO-PIECE VALVES WITH SOLDER CONNECTIONS

VALVES SHALL BE RATED AT 125 PSI SWP/200 PSI WOG EQUIVALENT TO NIBCO, STOCKHAM, CRANE OR APPROVED

BALANCING VALVES IN HOT WATER CIRCULATING SYSTEMS SHALL BE DOMESTIC RATED AUTOMATIC TYPE (ICSS BY IMI FLOW DESIGN OR EQUIVALENT) OR CALIBRATED TYPE (B&G CIRCUIT SETTER OR EQUIVALENT). CLEANOUTS AND COVERS

PROVIDE CLEANOUTS AT THE BASE OF EACH STACK AND AS SHOWN ON THE DRAWINGS. SPACING SHALL NOT BE GREATER THAN 50 FEET APART. PROVIDE CLEANOUT AT EACH CHANGE OF DIRECTION OF THE WASTE LINE GREATER THAN 45 DEGREES AND AS REQUIRED TO PROPERLY ROD THE SYSTEM.

CLEANOUT COVER SHALL BE THE PROPER TYPE FOR THE LOCATION: FLUSH SCORIATED TOP FOR TILE AREAS, RECESSED TOP FOR VINYL FLOOR AREAS, DEEP CUT FOR TERRAZZO AREAS, FLUSH MOUNTED ON FLOOR UNDER CARPET WITH SCREW MARKER, CHROME PLATED COVER PLATE FOR FINISHED WALLS.

PIPE HANGERS AND SUPPORTS

HANGERS FOR HORIZONTAL PIPES IN BUILDING SHALL BE ADJUSTABLE TYPE SUPPORTED BY THREADED RODS EQUIVALENT TO FEE AND MASON #239 OR #400. HANGERS ON BARE COPPER LINES SHALL BE COPPER PLATED. INSULATED LINES SHALL BE PROVIDED WITH A 20 GAUGE MINIMUM SADDLE 12" LONG FOR PIPES 2" AND SMALLER AND 18" FOR LARGER PIPES.

UNIONS

UNIONS 2" AND SMALLER SHALL BE GROUND JOINT TYPE WITH FLANGES BEING USED IN PIPES LARGER THAN 2".

FIXTURES AND EQUIPMENT GENERAL

FURNISH ALL PLUMBING FIXTURES, DRAINS AND EQUIPMENT AS SHOWN ON THE DRAWINGS. IF THE ARCHITECTURAL DRAWINGS DIFFER FROM THE PLUMBING DRAWINGS, THE ARCHITECT SHALL BE NOTIFIED PRIOR TO BIDDING. FURNISH FIXTURES AND OTHER EQUIPMENT COMPLETE WITH ALL REQUIRED AND NECESSARY TRIM. FITTINGS. AND OTHER DEVICES FOR A COMPLETE FINISHED PROJECT AND AS DIRECTED BY THE ARCHITECT.

FIXTURES AND EQUIPMENT SHALL HAVE THE MANUFACTURER'S NAME OR TRADEMARK IMPRINTED ON OR ATTACHED BY METALLIC NAMEPLATE. ALL FIXTURES AND ALL TRIM SHALL BE BY THE SAME MANUFACTURER UNLESS NOTED OTHERWISE. TRIM MAY BE OF DIFFERENT MANUFACTURER THAN FIXTURES, BUT EQUIVALENT TO THAT SPECIFIED.

ALL EXPOSED TRIM SHALL BE CHROME PLATED. TOPS OF ALL FLOOR DRAINS SHALL BE CHROME OR NICKEL BRONZE UNLESS OTHERWISE NOTED.

FURNISH BOLT CAPS FOR ALL TOILETS AND URINALS.

PLUMBING FIXTURES

GENERAL: THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PLUMBING FIXTURES, WITH ALL ASSOCIATED VALVES. TRIM, CONNECTORS, ETC., SHOWN ON THE ACCOMPANYING DRAWINGS. ALL FIXTURES MUST BE DELIVERED TO THE BUILDING PROPERLY CRATED. ESCUTCHEONS SHALL BE CHROME PLATED BRASS OR STAINLESS STEEL. TRAPS SHALL BE 17-GAUGE AND SHALL HAVE CLEANOUT PLUG.

9. APPLICATION OF PIPING SYSTEMS:

| SERVICE | MATERIAL |
|---|---|
| EQUIPMENT DRAINS AND OVERFLOWS | COPPER, TYPE M OR DWV, HARD DRAWN; SCHED 40 DWV PVC (PVC NOT ALLOWED IN ANY RETURN AIR PLENUM) |
| SANITARY DRAIN AND VENT, ABOVE SLAB-ON-GRADE | COPPER, TYPE DWV, HARD DRAWN; NO-HUB CAST IRON; SCHED 40 DWV PVC (PVC NOT ALLOWED IN ANY RETURN AIR PLENUM) |
| SANITARY DRAIN AND VENT, BELOW SLAB-ON-GRADE INSIDE BUILDING | NO-HUB CAST IRON; SCHED 40 DWV PVC (PVC NOT ALLOWED IN ANY RETURN AIR PLENUM) |
| DOMESTIC WATER, UNBURIED | UPONOR AQUAPEX; COPPER, TYPE L, HARD DRAWN, SOLDERED JOINTS |
| DOMESTIC WATER, BURIED | UPONOR AQUAPEX; COPPER, TYPE K, SOFT DRAWN. DUCTILE IRON, CLASS 52, (SIZE LARGER THAN 2") |
| DOMESTIC WATER, EXPOSED AT FIXTURES | SEAMLESS BRASS PIPE, CHROME PLATED |

INSULATION:

GENERAL

THIS SECTION APPLIES TO ALL PLUMBING WORK

THE INSULATION WORK SHALL BE PERFORMED BY A FIRM REGULARLY ENGAGED IN THIS TYPE OF WORK USING

MECHANICS SKILLED IN THE TRADE.

INSTALL ALL MATERIALS AS RECOMMENDED BY THE MANUFACTURER FOR THE SERVICE INTENDED. ALL INSULATION MATERIAL, INCLUDING SEALER MATERIAL, ADHESIVES, COVERING MATERIAL, FINISH, ETC. SHALL HAVE A U.L. LISTED FLAME SPREAD RATING NOT OVER 25 WITHOUT EVIDENCE OF CONTINUED PROGRESSIVE COMBUSTION AND WITH A SMOKE DEVELOPED RATING NOT HIGHER THAN 50. ALL COATINGS AND COVERINGS FOR HOT SERVICE SHALL BE BREATHER TYPE AND VAPOR BARRIER TYPE FOR COLD SERVICE.

DOMESTIC HOT AND COLD WATER

DOMESTIC HOT AND COLD WATER PIPE ABOVE GRADE AND IN CONCEALED SPACES SHALL BE INSULATED USING ALL SERVICE JACKET WITH SELF-SEALING LAPS.

| SERVICE | PIPE SIZE | THICKNESS |
|---------------------------|--------------------|-----------|
| DOMESTIC COLD WATER | ALL | 1" |
| DOMESTIC HOT WATER, | 1-1/4" AND SMALLER | 1" |
| DOMESTIC HOT WATER RETURN | 1-1/2" AND LARGER | 1-1/2" |

DIVISION 22 - PLUMBING SPECIFICATIONS (CONT.)

IDENTIFICATION:

IDENTIFY EACH PIPING SYSTEM AND INDICATE DIRECTION OF FLOW WITH BAND-SECURED OR SNAP-ON PRINTED LABELS IN MECHANICAL ROOM AND OTHER EXPOSED AREAS AND PRESSURE SENSITIVE, SELF-ADHESIVE LABELS WITH LAPPED TAPE IN CONCEALED AREAS. APPLY MARKINGS AFTER PAINTING AND CLEANING OF PIPING AND INSULATION IS COMPLETED.

APPLY LEGEND AND FLOW ARROWS AT VALVE LOCATIONS, AT POINTS WHERE PIPING ENTERS OR LEAVES VALVE OR METER BOX, AT NOT LESS THAN EVERY 30'-0" OF RUN OR AT LEAST ONCE IN EVERY EXPOSED LOCATION. LOCATE MARKINGS FOR MAXIMUM VISIBILITY

WORDING/COLOR COMBINATIONS SHALL MEET ANSI SPECIFICATIONS UNLESS COLORS ARE SPECIFIED OTHERWISE.

SIZES OF LETTERING AND FLOW ARROWS SHALL BE AS FOLLOWS:

| OUTSIDE DIAMETER OF PIPE OR COVERING (INCLUSIVE) | SIZE OF LETTERING | MINIMUM LENGTH OF FLOW ARROW |
|---|-------------------|---------------------------------|
| 5/8" TO 2" | 1/2" | 2-1/2" |
| 2-1/2" AND LARGER | 1" | 4" |

EXECUTION:

GENERAL

ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND THE BEST PRACTICES AND ALL PRODUCTS INSTALLED AS DIRECTED BY THE MANUFACTURER THROUGH THEIR WRITTEN INSTRUCTIONS.

DISINFECTION

DISINFECT ALL NEW WATER PIPING (AND EXISTING WATER PIPING AFFECTED BY THE CONTRACTOR'S OPERATION) IN ACCORDANCE WITH AWWA C601. FILL PIPING SYSTEMS WITH SOLUTION CONTAINING A MINIMUM OF 50 PARTS PER MILLION OF AVAILABLE CHLORINE AND ALLOW SOLUTION TO STAND FOR A MINIMUM OF 24 HOURS. FLUSH SOLUTION FROM SYSTEMS WITH CLEAN WATER UNTIL MAXIMUM RESIDUAL CHLORINE CONTENT IS NOT GREATER THAN 0.2 PARTS PER MILLION.

EXCAVATION AND BACKFILLING

DO ALL EXCAVATION AND BACKFILLING REQUIRED. TRENCHES SHALL BE WIDE ENOUGH FOR PROPER INSTALLATION OF PIPE. GRADE THE DITCH BOTTOM FOR PROPER SLOPE AND PROVIDE BELL HOLES TO ALLOW THE FULL BEARING OF THE PIPE BARREL. COMPLY WITH ALL HEALTH AND SAFETY REGULATIONS RELATING TO DITCHING.

DEWATER TO EXTENT NECESSARY TO GIVE PROPER COMPACTION UNDER ALL PIPES. CONTINUE DEWATERING OPERATION UNTIL SYSTEM HAS BEEN TESTED, APPROVED, BACKFILLED AND COMPACTED.

EXCAVATE 6" BELOW THE PIPE AND FILL WITH COMPACTED OR WETTED SAND TO PIPE GRADE. NO EXCAVATION SHALL BE UNDER OR NEAR FOOTINGS WITHOUT APPROVAL OF THE ARCHITECT.

BACKFILL WITH CLEAN DIRT OR SAND, NO ROCKS, CLODS OR TRASH. TAKE CARE NOT TO DISTURB THE PIPE GRADE OR ALIGNMENT. COMPACT AROUND AND UNDER THE PIPE CAREFULLY. FINISH BACKFILL WITH APPROVED MATERIAL AND LEAVE SLIGHTLY MOUNDED. CLEAN UP AROUND THE DITCH AREA TO REMOVE TRASH AND ANY EXCESS DIRT.

WHERE DITCH IS UNDER FUTURE PAVEMENT, FINISH SURFACES, OR FOOTINGS, THE FILL SHALL BE COMPACTED IN 6" LAYERS WITH A POWER TAMPER.

CONTRACTOR'S RESPONSIBILITIES

THE CONTRACTOR'S RESPONSIBILITIES INCLUDE BUT ARE NOT LIMITED TO:

SETTING FLOOR AND WALL SLEEVES IN PROPER LOCATIONS.

INFORMING OTHER TRADES OF LOCATION OF AND SIZE OF CHASES, STACKS, CLEANOUTS, ETC. THAT WILL LATER RELATE TO THEIR WORK.

PROVIDING ACCESS TO ALL ITEMS REQUIRING ROUTING SERVICE.

SETTING THE ELEVATION OF FLOOR DRAIN TOPS TO PROVIDE FOR A SLOPE TOWARD THE DRAIN. THIS REQUIRES COORDINATION WITH THE CONCRETE SUBCONTRACTOR AND RECHECKING AT THE TIME THE POUR IS BEING MADE.

WATER DISTRIBUTION PIPING

EXTEND FROM THE WATER ENTRANCE TO EVERY FIXTURE, WATER HEATER, OR OUTLET REQUIRING HOT OR COLD WATER. PROVIDE STOP VALVE AND A DRAIN FOR THE SYSTEM. EVERY LOW POINT SHALL BE DRAINED WITH A CAP OR PLUG AND DRAIN VALVE.

EVERY FIXTURE CONNECTION SHALL BE PROVIDED WITH A STOP VALVE AT THE FIXTURE CONNECTION.

PROVIDE DIELECTRIC SEPARATION AT JOINTS BETWEEN DISSIMILAR METALS.

BUILDING DRAIN, WASTE AND VENT SYSTEM

THE WASTE AND VENT SYSTEM SHALL BE GENERALLY AS SHOWN ON THE DRAWINGS WITH CHANGES ON THE JOB AS REQUIRED TO MEET JOB CONDITIONS. ANY MAJOR CHANGE FROM THAT SHOWN ON THE DRAWINGS SHALL BE SUBMITTED FOR APPROVAL BY THE ARCHITECT.

EXTEND VENT STACKS 12" ABOVE THE ROOF AND FLASH. TURN THE TOP OF THE FLASHING INTO THE STACK.

THERE SHALL BE NO HORIZONTAL OFFSET IN VENTS LESS THAN 6" ABOVE THE FLOOD RIM OF THE HIGHEST FIXTURE IN

NATURAL GAS SYSTEM

GAS PIPING ROUTED WITHIN THE BUILDING, 2" AND BELOW, SHALL HAVE MALLEABLE FITTINGS, GAS PIPE 2-1/2" AND ABOVE SHALL HAVE WELDED FITTINGS. GAS INSTALLATION SHALL CONFORM IN ALL RESPECTS TO APPLICABLE BUILDING CODES. PROVIDE DRIP LEGS WHEREVER DIRECTION CHANGES FROM HORIZONTAL TO VERTICAL. GAS BALL VALVES SHALL BE ROCKWELL OR APPROVED EQUAL.

VENT ALL GAS REGULATORS TO OUTDOORS.

EACH PIECE OF EQUIPMENT TO BE PROVIDED WITH GAS BALL VALVE, UNION AND 6" LONG FULL SIZE DIRT LEG IN ACCORDANCE

TESTING

NOTIFY ARCHITECT THREE WORKING DAYS BEFORE ANY TESTS ARE PERFORMED. NO JOINTS OR FITTINGS SHALL BE CONCEALED UNTIL TESTED AND APPROVED. REPEAT TEST AS NECESSARY UNTIL PROVEN SATISFACTORY.

THE FOLLOWING TESTS SHALL BE PERFORMED:

WATER TEST - FILL SYSTEM WITH WATER AND HOLD FOR 4 HOURS WITHOUT DROP IN WATER LEVEL. MINIMUM HEAD BALL TEST - PASS A WOODEN SEWER BALL THROUGH THE SYSTEM USING ONLY WATER TO ASSIST.

IMPOSE 150 PSI WATER PRESSURE ON THE SYSTEM WITH SYSTEM FULL OF WATER AND HOLD FOR FOUR HOURS WITHOUT PRESSURE DROP. IN FREEZING WEATHER ONLY, USE 150 PSI AIR PRESSURE AND HOLD FOR 8 HOURS WITHOUT DROP IN PRESSURE BEYOND THAT EXPECTED FROM TEMPERATURE CHANGES. INSTALL PRESSURE GAUGE FOR EITHER TEST AND LEAVE IN PLACE UNTIL WATER SUPPLY IS CONNECTED.

SCREWED PIPE FITTINGS

CUT THREADS TO FULL DEPTH AND MAKE UP USING TEFLON TAPE. USE DRAINAGE PATTERN FITTINGS FOR WASTE AND VENT SYSTEMS

10. SOLDER TYPE FITTINGS

BRAZE USING 15% SILVER BRAZING ALLOY AND SILVER BRAZING FLUX ON BELOW-GRADE JOINTS. USE 95% TIN, 5% ANTIMONY LEAD-FREE SOLDER AND ASTM B813-91 NON-CORROSIVE STM 1.0 FLUX ON JOINTS. APPLY FLUX ON CLEANED END OF PIPE AND INSIDE FITTINGS WITH SMOOTH EVEN COATS. FITTINGS DISCOLORED BY HEAT SHALL BE REMOVED AND

GRADES

PIPE SHALL GRADE IN DIRECTION OF FLOW, NOT LESS THAN THE FOLLOWING (UNLESS NOTED OTHERWISE): COOLING COIL CONDENSATE DRAIN - 1/8" PER FOOT.

SANITARY SEWER 2-1/2" AND SMALLER - 1/4" PER FOOT.

SANITARY SEWER 3" AND LARGER - 1/8" PER FOOT. GREASE WASTE: 1/4" DOWN PER FOOT.

SANITARY VENT PIPING, ALL SIZES: GRADED AND CONNECTED AS TO DRIP BACK BY GRAVITY TO THE DRAINAGE PIPE IT SERVES STORM DRAIN PIPING. ALL SIZES: 1/8" DOWN PER FOOT.

DIVISION 22 - PLUMBING SPECIFICATIONS (CONT.)

EXECUTION (CONT.):

12. PIPE SLEEVES

TIGHTLY CAULK ALL ANNULAR SPACES BETWEEN PIPES (OR INSULATION) AND SLEEVES WITH SILICONE TYPE SEALANT. SLEEVES PASSING THROUGH FLOORS SHALL EXTEND 2" ABOVE THE FLOOR LEVEL TO PREVENT WATER PENETRATION AROUND PIPE. THE SLEEVE SHALL ALSO BE SEALED TO THE FLOOR.

13. PROTECTION OF PIPE BELOW SLABS

ALL STEEL AND COPPER PIPES INSTALLED BELOW A FLOOR SLAB AND NOT INSULATED SHALL BE GIVEN ONE HEAVY TROWEL COAT OF COAL TAR MASTIC EQUIVALENT TO KOPPER NO. 50. THE THREADS SHALL BE GIVEN A SECOND COAT.

14. INSTALLATION OF PIPES

ALL THREADED PIPES SHALL BE REAMED TO REMOVE ALL CUTTING LIPS FROM THE INSIDE EDGE AND SHALL BE THREADED WITH CLEAN DIES TO THE PROPER DEPTH. CUTS SHALL BE CLEAN AND NOT GOUGED OR ROUGH. APPLY LUBRICANT TO MALE THREAD ONLY.

ALL COPPER PIPES SHALL BE REAMED TO REMOVE ALL CUTTING LIPS FROM INSIDE EDGE.

ALL PIPE SHALL BE CUT CLEAN AT PRECISE ANGLE, HAND CUTTING OF PVC PIPE SHALL NOT BE ACCEPTABLE.

PIPE SHALL BE LAID OR SUPPORTED IN A STRAIGHT AND TRUE MANNER WITH FITTINGS USED TO MAKE ALL CHANGES IN

15. PIPE HANGERS AND SUPPORTS

SUPPORT ALL SUSPENDED PIPE WITH PROPER ADJUSTABLE SWIVEL HANGERS WITH MAXIMUM SPACING AS FOLLOWS:

| NOMINAL | MA | HANGER ROD | | |
|--------------------|--------|------------|-----------------|----------|
| PIPE SIZE | STEEL | COPPER | SCHEDULE 40 PVC | DIAMETER |
| 1-1/2" AND SMALLER | 6'-0" | 6'-0" | 4'-0" | 3/8" |
| 2" TO 4" | 10'-0" | 10'-0" | 4'-0" | 3/8" |
| 5" TO 8" | 10'-0" | 10'-0" | 4'-0" | 1/2" |

SUPPORT ALL VERTICAL PIPE WITH KNEE ANCHORS OR FLOOR CLAMPS AND BRACE AS REQUIRED.

CLAMPS AND HANGERS ON INSULATED PIPE SHALL BE PROVIDED WITH A HEAVY GALVANIZED BEARING PLATE NOT LESS THAN FOUR INSULATION DIAMETERS LONG.

SUPPORT HANGERS FROM BEAM CLAMPS, INSERTS IN CONCRETE, JOIST CLAMPS, ETC. AS NECESSARY TO SUPPORT THE SUPPORT PEX PIPING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

16. PROTECTION DURING CONSTRUCTION

INSTALL TEST PLUGS, WOOD PLUGS OR CAPS IN ALL OPEN PIPES AT TIME OF INSTALLATION AND DO NOT REMOVE UNTIL PIPE IS CONNECTED. MAINTAIN PRESSURE AND PRESSURE GAUGE ON ALL WATER LINES DURING CONSTRUCTION. USE WATER EXCEPT IN COLD WEATHER.

DRAIN ALL WATER FROM LINES TO PREVENT FREEZING.

PROTECT ALL FINISHED SURFACES OF FIXTURES AND BRASS FROM ANY DAMAGE. FIXTURES OR BRASS OF ANY TYPE THAT IS DAMAGED, SCRATCHED, OR DISCOLORED SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

GENERAL NOTES

- SUBCONTRACTORS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR WORK MAY OCCUR IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND ADDITIONAL CONSULTANT'S DRAWINGS FOR ADDITIONAL GENERAL NOTES. ALL NOTES ARE TO BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS. NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. SHEETS ARE TO BE REVIEWED AND NOTES ON ANY ONE SHEET ARE TO BE APPLIED ON RELATED DRAWINGS AND DETAILS.
- THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS ARE OF EQUAL IMPORTANCE WITH THE ARCHITECTURAL DRAWINGS IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF ANY OF THE TRADE'S WORK. SHOULD THERE BE A DISCREPANCY BETWEEN THE ARCHITECTURAL DRAWINGS AND THE ENGINEERING DRAWINGS THAT WOULD CAUSE AN AWKWARD OR IMPROPER INSTALLATION. IT SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION PRIOR TO INSTALLATION. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT. CHANGES MUST BE APPROVED IN WRITING BY OWNER, TENANT, AND ARCHITECT BEFORE PROCEEDING.DEVIATIONS FROM THE PLUMBING PLANS ARE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR & WILL NOT RESULT IN ADDITIONAL COSTS TO THE OWNER UNLESS WRITTEN CHANGE ORDERS ARE APPROVED BY THE OWNER.
- IF ANY AMBIGUITIES SHOULD APPEAR IN THE CONTRACT DOCUMENTS. REQUEST CLARIFICATION FROM THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK. IF THE CONTRACTOR FAILS TO MAKE SUCH REQUEST, NO EXCUSE WILL BE ENTERTAINED FOR FAILURE TO CARRY OUT THE WORK IN A MANNER SATISFACTORY TO THE ARCHITECT/FNGINEER.
- SHOULD A CONFLICT OCCUR WITHIN THE CONTRACT DOCUMENTS OR BETWEEN TRADES, THE CONTRACTOR IS DEEMED TO HAVE ESTIMATED THE MORE EXPENSIVE WAY OF DOING THE WORK UNLESS A WRITTEN CLARIFICATION FROM THE ARCHITECT/ENGINEER WAS REQUESTED AND OBTAINED BEFORE SUBMISSION OF PROPOSED METHODS OR MATERIALS. THE ARCHITECT/ENGINEER SHALL BE THE SOLE JUDGE REGARDING INTERPRETATIONS OF CONFLICTS WITHIN CONTRACT DOCUMENTS.
- 5. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE GOVERNMENT AND LOCAL CODES.
- PROVIDE TEMPORARY COVERS, CAPS, OR PLUGS ON SANITARY SEWER SYSTEM THROUGHOUT CONSTRUCTION. RAG WADS, DUCT TAPE OR OTHER MAKE SHIFT CAPS ARE NOT ACCEPTABLE. UPON COMPLETION OF CONSTRUCTION, COMPLETELY REMOVE ANY AND ALL OBSTRUCTIONS INSIDE THE ENTIRE DWV SYSTEM, NEW AND EXISTING LINES, BY SNAKING, RODDING, OR
- SANITARY TEE FITTINGS ARE NOT ALLOWED TO BE INSTALLED IN THE DWV SYSTEM.

JETTING THE SYSTEM IMMEDIATELY PRIOR TO PROJECT TURNOVER TO THE OWNER.

- PIPE SIZES INDICATED ON THE PLANS ARE MINIMUM. CONTRACTOR SHALL PROVIDE PIPE SIZES EQUAL OR GREATER THAN THE SPECIFIED SIZES. CONTRACTOR MAY INCREASE PIPE SIZES SIZES AS REQUIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.
- 10. SEAL ROOF PENETRATIONS WATERTIGHT WITH ROOFING COMPATIBLE WITH ROOF SYSTEMS AND WALL WITH SILICON CAULKING AND BACKER ROD.
- 11. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF THE PLUMBING FIXTURES.
- 12. MAKE OFFSETS AS NECESSARY TO ACCOMMODATE STRUCTURE AND OTHER TRADES. 13. VERIFY EXACT LOCATION AND INVERT ELEVATION OF ALL EXISTING UTILITIES AT SITE PRIOR TO INSTALLATION OF ANY PIPING
- 14. COORDINATE ALL PENETRATIONS THROUGH STRUCTURAL MEMBERS WITH THE GENERAL CONTRACTOR.
- 15. PROVIDE SOUND ISOLATION GROMMETS AT ALL LOCATIONS WHERE COPPER PIPE OR PEX TUBE PENETRATES THE FRAMING.
- 16. FURNISH AND INSTALL WATTS SD-3 BACKFLOW PREVENTION DEVICE FOR ALL COFFEE URNS AND TEA DISPENSERS.
- 17. FIRE CAULK ALL PENETRATIONS THROUGH RATED ASSEMBLY AND SMOKE BARRIERS.
- 18. PER CODE, NO PIPES ARE TO PASS THROUGH STAIR ENCLOSURES AND EXIT PASSAGEWAYS. ALSO PER CODE, NO PIPE GREATER THAN 8" SHALL PASS THROUGH EXIT CORRIDOR. ANY REQUIRED PASS THROUGHS SHALL BE PROPERLY ISOLATED WITH ACCEPTABLE FIRE RATED CONSTRUCTION.
- 19. IN ALL NONPUBLIC AREAS, PROVIDE LABELS ON CEILINGS FOR ALL PLUMBING ITEMS THAT REQUIRE ABOVE CEILING ACCESS (VALVES, PUMPS, ETC.)
- 20. SUPPORT ALL PIPING AT EVERY STORY MINIMUM.

AUTHORITIES HAVING JURISDICTION.

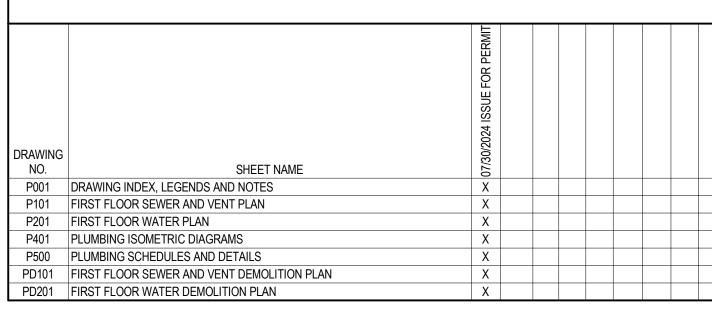
22. PROVIDE TEMPERING VALVE AT PUBLIC LAVATORIES.

- 21. ALL WALL AND FLOOR CLEANOUTS SHALL BE THE SAME SIZE OF THE PIPING THEY SERVE UP TO 4". FOR PIPING LARGER THAN 4", ALL CLEANOUTS SHALL BE 4".
- LOCATIONS WHERE LEAKAGE OF TANK OR CONNECTION WILL CAUSE DAMAGE(SUCH AS RECIRCULATION OF SYSTEM WATER

24. ALL WORK AND MATERIALS TO CONFORM WITH THE REQUIREMENTS OF ALL APPLICABLE BUILDING AND FIRE CODES AND ALL

23. PROVIDE GALVANIZED STEEL PAN OR OTHER APPROVED PAN FOR WATER HEATERS OR HOT WATER HEATER STORAGE TANK IN

PLUMBING DRAWING INDEX



PLUMBING LEGEND: (NOT ALL SYMBOLS WILL BE USED ON THESE DRAWINGS)

| 1 11 1110 | | | TAGG AND GTI | NIDOLO | |
|-----------------------------------|-------|-------------------|--|-------------------------------------|--|
| DIRECTION OF FLOW | | ⟨XX | -XXX> | — EQUIPMENT TAG | ; |
| —— – DOMESTIC COLD WATER | CW | | (VV) | | |
| —— – — DOMESTIC HOT WATER | HW | | $\begin{pmatrix} XX \\ XX \end{pmatrix}$ | | $\begin{pmatrix} xx \\ xx \end{pmatrix}$ |
| — – – — DOMESTIC HOT WATER RETURN | HWR | | | | |
| | X° HW | _ | R REFEREN GRAM CALL | | SECTION HEAD CALLOUT |
| TEMPERED WATER | Т | REVISIO | | KEYNOTE TAG | POINT OF CONNECTION |
| — — SANITARY SEWER | SS | l , | \ | RETNOTE TAG | POINT OF CONNECTION |
| | FM | <u>/x</u> | | | |
| — — GREASE WASTE | GW | | | EXISTING | |
| — — OIL WASTE | OW | | | REMOVE EXISTIN | NG (DEMOLISH) |
| DRAIN | D | | | PIPE TAG | |
| — — — SANITARY VENT | ٧ | | | | DIDE DIAMETED |
| | SD | | | , | PIPE DIAMETER |
| OVERFLOW STORM DRAIN | OSD | _ح | | 1 1/2" CW | |
| LOW PRESSURE NATURAL GAS | G |] | 515111 | | SEE SPEC FOR PIPE |
| | MPG | | PIPINO | S SYSTEM —— | SPECIFICATIONS |
| PIPING SYMBOLS | | | | ABBREVIATION | ONS |
| — C PIPE LIP | | AFF AFG ADJ | | NISHED FLOOR NISHED GRADE BLE | |

TAGS AND SYMBOLS

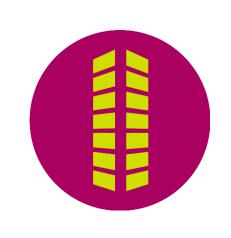
| | | | | 1 1/2 CVV |
|-----------|---|-----|---|---|
| | - LOW PRESSURE NATURAL GAS | G | | SEE SPE |
| | - MEDIUM PRESSURE NATURAL GAS | MPG | | PIPING SYSTEM —— SPECIFI |
| | PIPING SYMBOLS | | | |
| + | PIPING SYMBOLS PIPE UP PIPE DOWN PIPING CAP OR PLUG DIRECTION OF PIPE SLOPE DOWN VALVES AND ACCESSORIES BALL VALVE HOSE BIBB GATE VALVE CHECK VALVE BALANCING VALVE PRESSURE REDUCING VALVE THREE WAY CONTROL VALVE PRESSURE REDUCING VALVE AUTOMATIC AIR VENT MANUAL AIR VENT STRAINER UNION THERMOMETER CIRCUIT SETTER METER PUMP PRESSURE GAUGE AND SHUT-OFF VAL REVERSE PRESSURE BACKFLOW PREV DRAINS AND CLEANOUT FLOOR DRAIN FLOOR SINK | | AFF AAA P B D D D C C C C C C C C C C C C C C C C | ABBREVIATIONS ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ADJUSTABLE ACCESS PANEL BACKFLOW PREVENTER DIAMETER DOWN DRAWING ELECTRICAL CONTRACTOR ELEVATION EQUIPMENT EXISTING FLOOR CLEANOUT INTERNATIONAL BUILDING CODE INTERNATIONAL PLUMBING CODE INTERNATIONAL PLUMBING CODE INTERNATIONAL FUEL AND GAS CODE INVERT ELEVATION GALLON GENERAL CONTRACTOR GALLONS PER MINUTE LINE CLEANOUT MAXIMUM MECHANICAL CONTRACTOR MINIMUM CIRCUIT AMPACITY MANUFACTURER MANHOLE MINIMUM OVERCURRENT PROTECTION NEW NEW LOCATION NOT APPLICABLE NORMALLY CLOSED NORMALLY CLOSED NORMALLY OPEN NOT IN CONTRACT PLUMBING CONTRACTOR PRESSURE REDUCING VALVE REDUCED PRESSURE BACKFLOW PREVENTE REFERENCE RELOCATE SURFACE CLEANOUT SPECIFICATION STANDARD TEMPERATURE CONTROL CONTRACTOR TYPICAL VENT THROUGH ROOF WALL CLEANOUT WITHOUT |
| © —— ı | SURFACE CLEANOUT LINE CLEANOUT / WALL CLEANOUT | | | |
| | | | | |

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07/30/2024 ISSUE FOR PERMIT

Date Issue/Description

Checked By:

DRAWING INDEX, LEGENDS AND NOTES

KEY NOTES: (#)

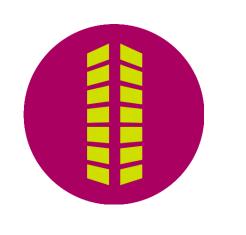
- REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED APPURTENANCES. REMOVE PIPING BACK TO MAIN AND CAP. FIELD VERIFY.
- 2. REMOVE EXISTING MOP SINK AND ALL ASSOCIATED APPURTENANCES. REMOVE PIPING BACK TO MAIN AND CAP. FIELD VERIFY.
- 3. REMOVE EXISTING DRINKING FOUNTAIN AND LEAVE ROUGH IN POINTS FOR NEW FIXTURE CONNECTION IN SAME LOCATION, RE: NEW WORK PLANS FOR NEW FIXTURE SPECIFICATION.
- 4. REMOVE EXISTING KITCHEN SINK AND LEAVE ROUGH IN POINTS FOR NEW FIXTURE CONNECTION IN SAME LOCATION, RE: NEW WORK PLANS FOR NEW FIXTURE SPECIFICATION.

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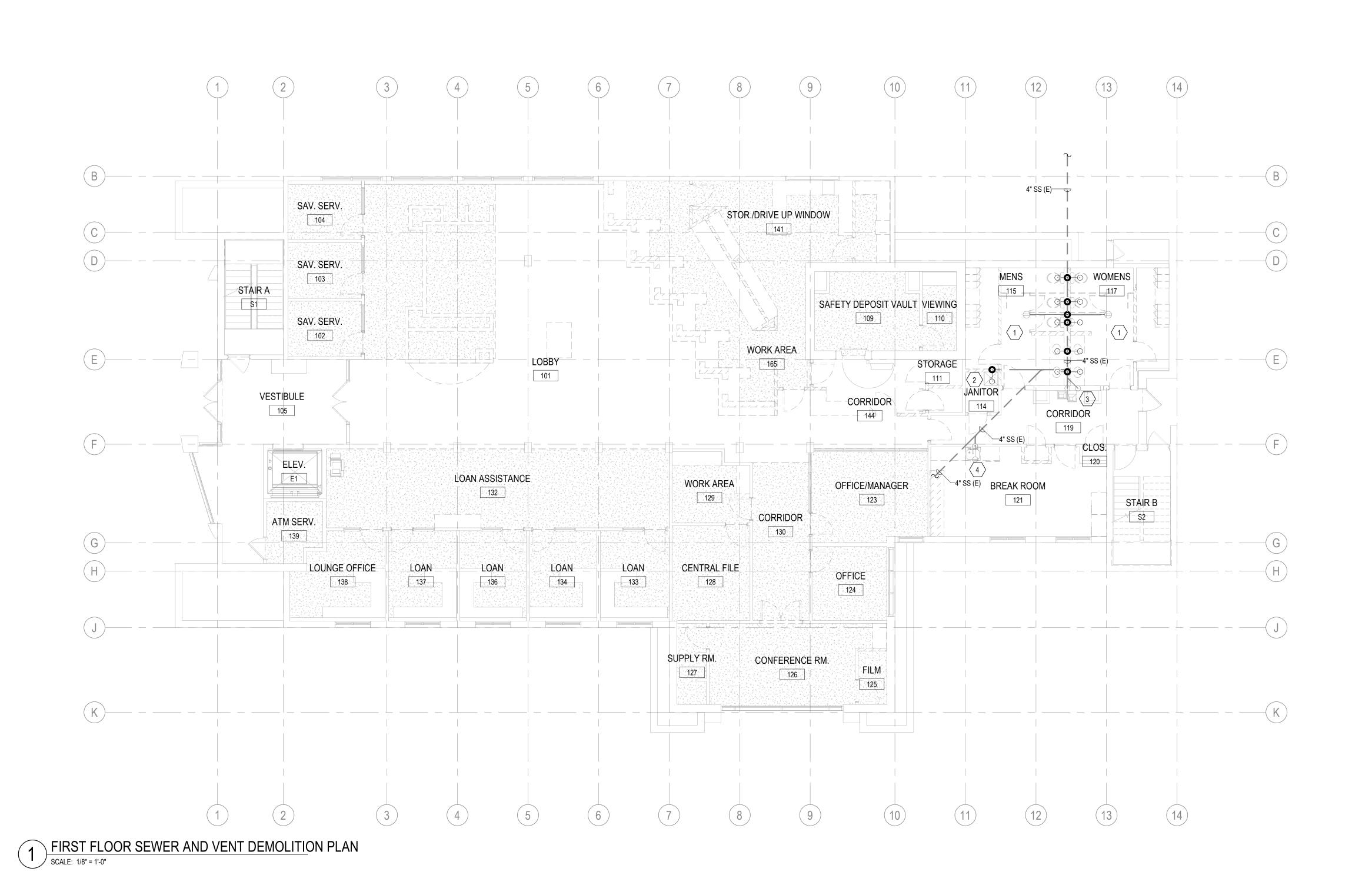
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 EMA

 Checked By:
 JCP

FIRST FLOOR SEWER AND VENT DEMOLITION PLAN

PD101



KEY NOTES: (#)

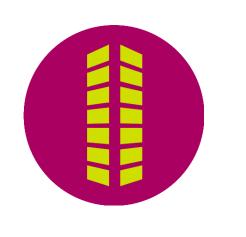
- CONNECT NEW 4" SANITARY SEWER TO EXISTING PIPING. IF EXISTING PIPE SIZE IS NOT A MINIMUM OF 4",
 THE PIPE SHOULD BE REPLACED WITH 4" PIPING. COORDINATE CONSTRUCTION SCHEDULE WITH BUILDING
 OWNER AND ALL AFFECTED TENANTS. FIELD VERIFY EXACT CONDITIONS PRIOR TO STARTING WORK.
- 2. CONNECT NEW DRINKING FOUNTAIN TO ROUGH IN POINTS LEFT FROM DEMOLITION. ADJUST ROUGH IN POINTS AS NEEDED. FIELD VERIFY.
- CONNECT NEW KITCHEN SINK TO ROUGH IN POINTS LEFT FROM DEMOLITION. ADJUST ROUGH IN POINTS AS NEEDED. FIELD VERIFY.

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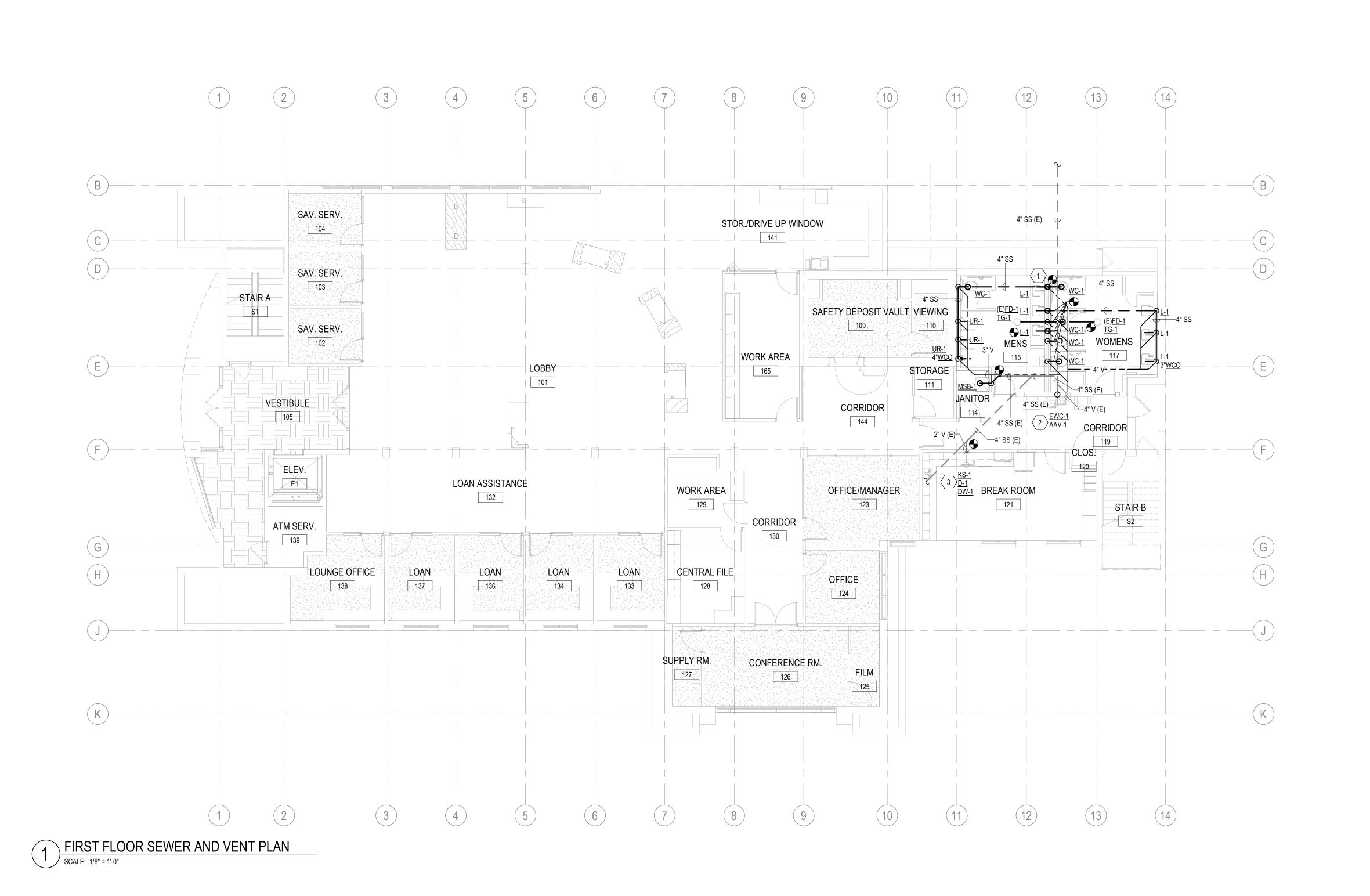
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 Drawn By:
 EMA

 Checked By:
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FIRST FLOOR SEWER AND VENT PLAN

P101



KEY NOTES:

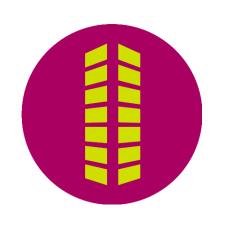
- REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED APPURTENANCES. REMOVE PIPING BACK TO MAIN AND CAP. FIELD VERIFY.
- 2. REMOVE EXISTING MOP SINK AND ALL ASSOCIATED APPURTENANCES. REMOVE PIPING BACK TO MAIN AND CAP. FIELD VERIFY.
- 3. REMOVE EXISTING DRINKING FOUNTAIN AND LEAVE ROUGH IN POINTS FOR NEW FIXTURE CONNECTION IN SAME LOCATION, RE: NEW WORK PLANS FOR NEW FIXTURE SPECIFICATION.
- 4. REMOVE EXISTING HOT WATER PIPING BACK TO MAIN AND CAP FOR FUTURE ROUTING. RE: NEW WORK PLANS FOR FUTURE CONNECTION.
- 5. REMOVE EXISTING KITCHEN SINK AND LEAVE ROUGH IN POINTS FOR NEW FIXTURE CONNECTION IN SAME LOCATION, RE: NEW WORK PLANS FOR NEW FIXTURE SPECIFICATION.

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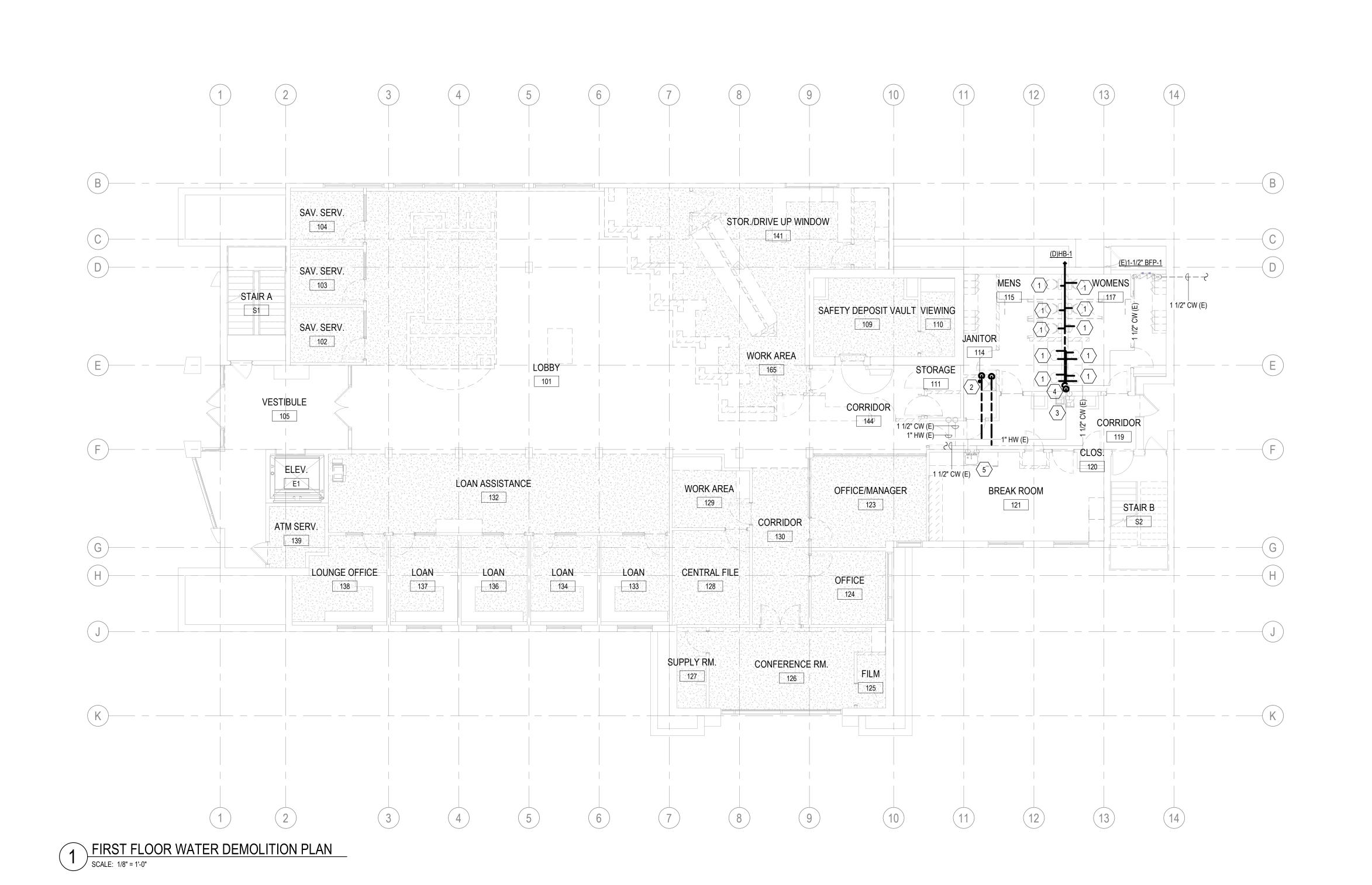
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FIRST FLOOR WATER DEMOLITION
PLAN

PD201



KEY NOTES: #

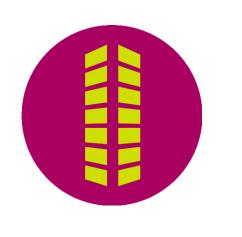
- PROVIDE VALVED 1/4" HOT WATER CONNECTION AT NEARBY SINK FOR DISHWASHER SUPPLY. FIELD COORDINATE 1/4" TUBING ROUTE THROUGH CASEWORK. ROUTE DISHWASHER DRAIN TO SINK AND CONNECT PER DETAIL.
- 2. 1" HOT WATER AND 1" COLD WATER TO FLOOR ABOVE SHALL BE EXISTING TO REMAIN.
- 3. CONNECT NEW 1" COLD WATER AND 1" HOT WATER PIPING TO EXISTING PIPING. IF EXISTING PIPE SIZE IS NOT A MINIMUM OF 1", THE PIPE SHOULD BE REPLACED WITH 1" PIPING. COORDINATE CONSTRUCTION SCHEDULE WITH BUILDING OWNER AND ALL AFFECTED TENANTS. FIELD VERIFY EXACT CONDITIONS PRIOR TO STARTING WORK.
- 4. ROUTE 3/4" HOT WATER RECIRCULATION PIPING UP TO EXISTING GAS WATER HEATER ON FLOOR ABOVE. ROUTE ALONGSIDE EXISTING HOT WATER PIPING.
- 5. PROVIDE SHUTOFF VALVE AND ACCESS PANEL UNDER COUNTER.



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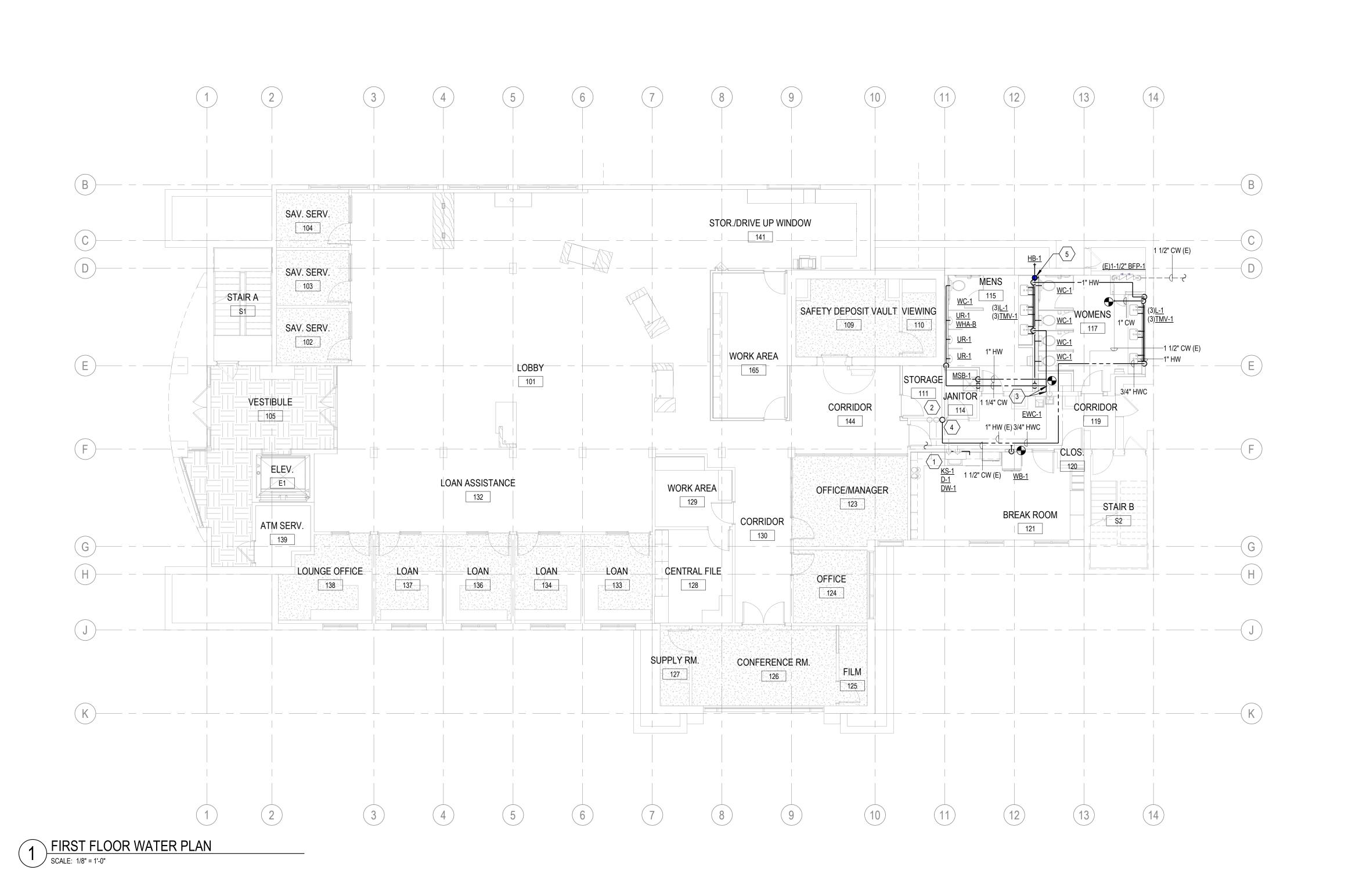
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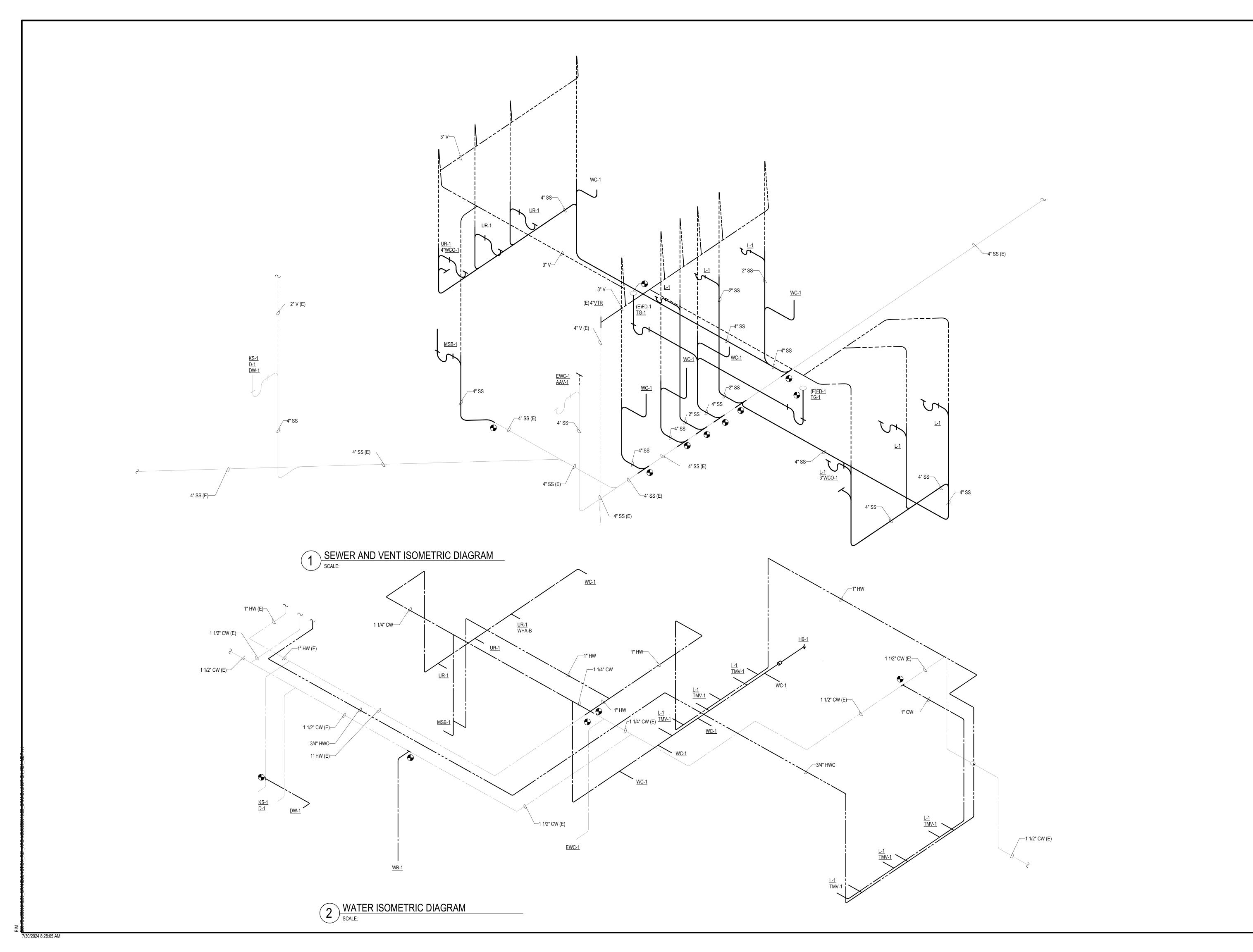
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FIRST FLOOR WATER PLAN

P201



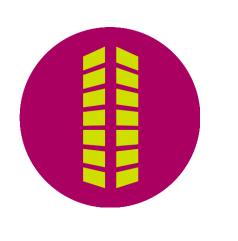




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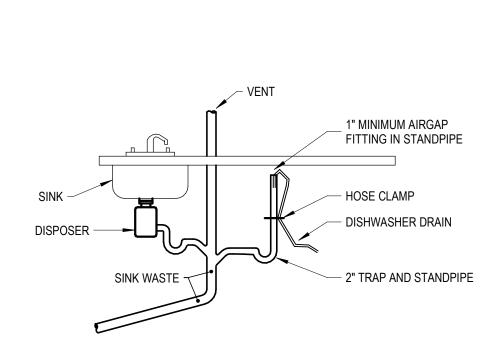
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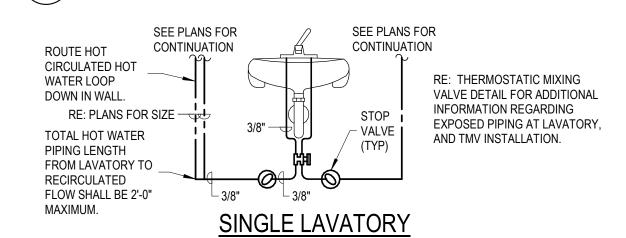
PLUMBING ISOMETRIC DIAGRAMS

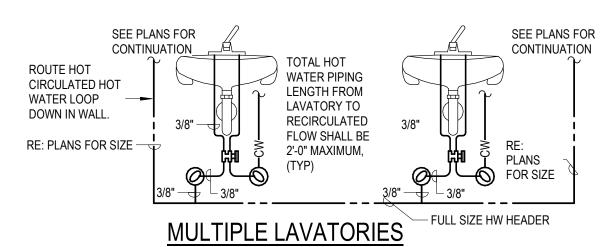
P400

| | | | PLUMBING | G FIXTURE SCHEDULE | | | | | | | | | |
|--------|---|---|--|--|----------------------------|---------------|--------------|---------------------------|------------------|------------------|-------------------|----------------|-----------------|
| | | MANUFACTURER & | | | ROUGH IN CONNECTION SIZING | | | | | FIXTURE | UNIT COUNT | (2021 IPC) | |
| SYMBOL | TYPE | MODEL NUMBER | ACCESSORIES | REMARKS | WASTE (INCHES) | VENT (INCHES) | HOT (INCHES) | COLD (INCHES) | # OF FIXTURES | W.S.F.U. EACH | W.S.F.U. TOTAL | D.F.U. EACH | D.F.U. TOTAL |
| WC-1 | FLOOR MOUNTED, TANK TYPE, 17" HIGH, 1.6 GPF, ELONGATED BOWL, 12" ROUGH-IN | ZURN ONE Z5550.000.01.18.00 | HEAVY DUTY SEAT, COLOR SHALL MATCH FIXTURE | FLUSH LEVER SHALL BE ON WIDE SIDE OF STALL PER ADA | 4 | 2 | | 1/2 | 5 | 5 | 25 | 4 | 20 |
| UR-1 | WALL MOUNTED URINAL, MANUALLY OPERATED FLUSH VALVE, 1.0 GPF, 3/4" TOP INLET SPUD, FLUSHING RIM, 2" OUTLET | ZURN ONE Z5755.095.01 | FLOOR MOUNTED CARRIER WITH HANGER PLATE AND SUPPORT LEGS | COORDINATE MOUNTING HEIGHT PER ARCHITECTURAL ELEVATIONS | 2 | 2 | | 3/4 | 3 | 5 | 15 | 4 | 12 |
| L-1 | 20"x17" OVAL COUNTER MOUNTED LAVATORY, 4" CENTERSET FAUCET WITH ONE HANDLE CONTROL & 4-3/4" SPOUT | ZURN ONE Z5114.659.3.07.A1.6 | VITREOUS CHINA BOWL, METAL DRAIN ASSEMBLY, CHROME FAUCETS, TRAP AND SUPPLY WRAP PROTECTOR KIT | PROVIDE WITH 0.5GPM AERATOR | 2 | 2 | 1/2 | 1/2 | 6 | 2 | 12 | 1 | 6 |
| KS-1 | 22"X19" O.D. SINGLE COMPARTMENT SINK, DELUXE SINGLE HANDLE FAUCET, METAL CONSTRUCTION & 9" SPOUT | ELKAY LRAD2219, MOEN 87551 | SIDE SPRAY FAUCET, OFFSET DRAIN OPENING FOR ADA COMPLIANCE | 6-1/2" DEEP SINK, COORDINATE FAUCET HOLE CONFIGURATION WITH FAUCET | 2 | 2 | 1/2 | 1/2 | 1 | 1.4 | 1.4 | 2 | 2 |
| DW-1 | STAINLESS STEEL DISHWASHER, INTEGRATED DIGITAL TOUCH CONTROLS, HEIGHT ADJUSTABLE UPPER RACK | SAMSUNG DW60R2014US | | ADA COMPLIANT | 1/2 | | 1/2 | 1/2 | | | | | |
| D-1 | 1/3 HP, 120-1-60 AUTOMATIC REVERSING STAINLESS STEEL ELEMENTS | IN SINK ERATOR BADGER | MOTOR OVERLOAD PROTECTION, PLUG AND CORD | 1-YEAR WARRANTY | | | | | | | | | |
| MSB-1 | MOP BASIN WITH 6" DROP FRONT 3" STAINLESS STEEL DRAIN & STRAINER STAINLESS STEEL GUARDS ON SIDES | FIAT BASIN: TSB-3010 FAUCET: 830-AA | 10" SPOUT WITH WALL BRACE & PAIL HOOK, 3/4" MALE HOSE THREAD OUTLET, VACUUM BREAKER | PROVIDE WITH: FIAT #832 HEAVY DUTY 30" FLEX HOSE & BRACKET, FIAT #889 STAINLESS STEEL MOP BRACKET | 3 | 2 | 1/2 | 1/2 | 1 | 3 | 3 | 3 | 3 |
| WB-1 | ICE MACHINE SUPPLY BOX 1/2" NPT BOTTOM INLET 1/4" COMPRESSION OUTLET | GUY GRAY BIM875 | | em. | | | | 1/2 | 1 | 0.25 | 0.25 | | |
| EWC-1 | BARRIER FREE, DUAL HEIGHT ELECTRIC WATER COOLER, FLEXI-GUARD BUBBLER, FRONT PUSH BAR VALVES | ELKAY LZTL8C | CAPACITY: 8.8 GPH, 50°F OUTLET WATER TEMP. AT 90°F ROOM TEMP. AND 80°F INLET WATER TEMP. | COORDINATE MOUNTING HEIGHT, AND LOAD BEARING WALL REQUIREMENTS WITH ARCHITECT | 2 | 2 | | 1/2 | 1 | 0.25 | 0.25 | 0.5 | 0.5 |
| WCO | WALL CLEANOUT TEE WITH COUNTERSUNK PLUG STAINLESS STEEL COVER PLATE | ZURN Z1441 | | | | | | | | | | | |
| HB-1 | FLUSH NON-FREEZE BOX TYPE WALL HYDRANT, ALL BRASS SELF DRAINING BODY, LOOSE KEY, KEY LOCK COVER | WOODFORD B67 | VACUUM BREAKER, 3/4" HOSE THREAD OUTLET, PROVIDE WITH SHUTOFF BALL VALVE IN BRANCH PIPE | SELF DRAINING BODY AND SHANK, SHANK LENGTH SUFFICIENT TO PREVENT FREEZING | | | | 3/4 | 1 | 2 | 2 | | |
| TG-1 | INLINE TRAP SEAL | SURE SEAL | SS4009V: 4"DRAIN OUTLET, SS4009V: 3"DRAIN OUTLET, SS4009V: 2"DRAIN OUTLET, | COMMERCIAL GRADE UV AND OZONE RESISTANT ABS PLASTIC HOUSING WITH EPDM DIAPHRAGM AND GASKET | NOTED ON PLANS | | | | | | | | |
| TMV-1 | POINT OF USE THERMOSTATIC MIXING VALVE WITH HIGH TEMPERATURE LIMIT STOP, INTEGRAL CHECK VALVES | WATTS LFUSG | MINIMUM FLOW 0.25 GPM, MAXIMUM FLOW 1.5 GPM, LOCKING TEMPERATURE CONTROL | ASSE 1070 RATED SET MAXIMUM TEMPERATURE TO 110°F LEAD FREE ASSEMBLY | | | | | | | | | |
| AAV-1 | AIR ADMITTANCE VALVE, PLENUM RATED ALTERNATIVE VENT TERMINATION WITH LIFETIME WARRANTY | STUDOR TEC-VENT | | INSTALL PER MANUFACTURER'S RECOMMENDATIONS | | | | | | | | | |
| WHA | WATER HAMMER ARRESTOR STAINLESS STEEL PISTON TYPE WITH DOUBL O-RING SEAL | ZURN 1250 | WHA-A: 3/4" INLET, 1-11WSFU RATING WHA-B: 1" INLET, 12-32WSFU RATING WHA-C: 1" INLET, 33-60WSFU RATING | WHA-D: 1" INLET, 61-113WSFU RATING WHA-E: 1" INLET, 114-154WSFU RATING WHA-F: 1" INLET, 155-330WSFU RATING | | | | | | | | | |
| | . FIXTURES SHOWN CONSTITUTE NEGLIGIBLE CHANGI ALL CONNECTIONS TO POTABLE WATER SYSTEM SH. | | | | | | | TURE UNITS: TOTAL GPM) | | | 58.9 (54) | | 43.5 |





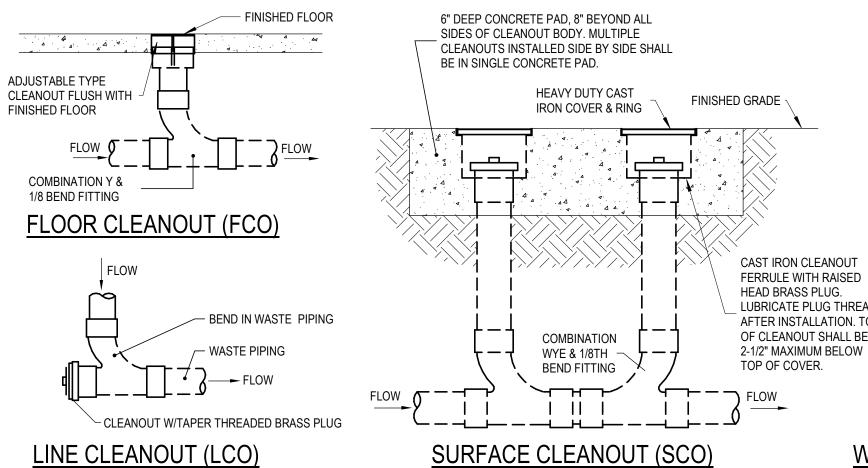


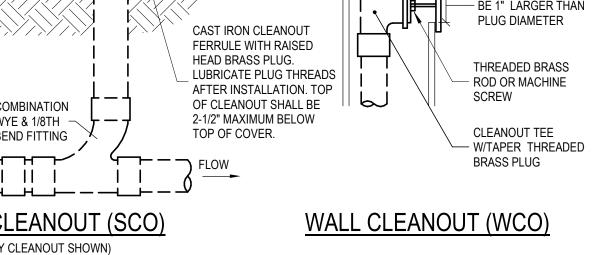


5 CIRCULATION PIPING AT LAV.

SCALE: NTS

7/30/2024 8:28:05 AM



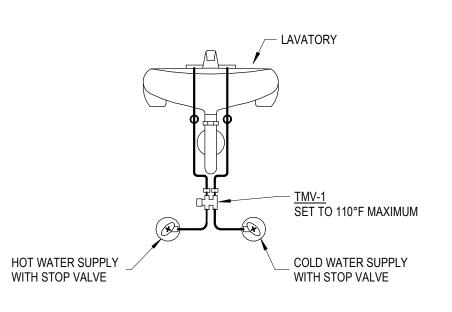


(2-WAY CLEANOUT SHOWN)

NOTE: ALL EXPOSED PIPING AND APPURTENANCES AT LAVATORY SHALL BE INSTALLED SO AS TO NOT PRESENT AN IMPEDANCE TO ADA ACCESSIBILITY.

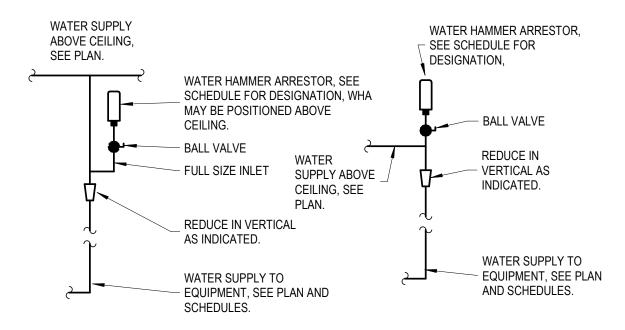
1 CLEANOUTS

SCALE: 12" = 1'-0"



THERMOSTATIC MIXING VALVE SCALE: NTS

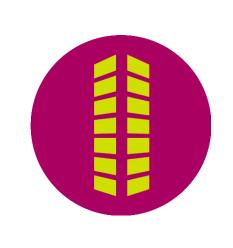
NOTE: WATER HAMMER ARRESTORS INSTALLED ABOVE CEILING SHALL BE POSITIONED IN ACCESSIBLE LOCATIONS WITH ACCESS PANELS PROVIDED AS NEEDED. ALL WATER HAMMER ARRESTORS INSTALLED WITHIN WALLS OR CHASES SHALL BE PROVIDED WITH ACCESS PANELS TO ALLOW FOR VALVE CLOSURE AND REMOVAL OF WATER HAMMER ARRESTOR.



WATER HAMMER ARRESTOR 2 WAILE SCALE: NTS

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202 MAIN ST, GRANDJUNCTION, (

WASTE / VENT PIPING

WALL OPENING SHALL

CHROME PLATED WALL PLATE

PROVIDE EXTENSION IF **GREATER THAN 3"**

> # Date Issue/Description 07/30/2024 ISSUE FOR PERMIT

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PLUMBING SCHEDULES AND **DETAILS**

LIGHTING SYMBOLS

| | | _ | | | |
|--|---|----------------------------|--|---|--|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| × X | SURFACE MOUNTED CEILING FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | | SURFACE MOUNTED WALL FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | $\overline{\Diamond}_{v} \overline{\Diamond}_{v}$ | WALL AND CEILING MOUNTED EXIT LIGHT WITH DIRECTIONAL ARROW, SHADING INDICATES FACE |
| $\bigcirc_X \boxed{X}$ | RECESSED MOUNTED CEILING FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | $\bigcirc_{X} \square_{X}$ | RECESSED MOUNTED WALL FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | Y _X X | (X INDICATES FIXTURE LETTER IN SCHEDULE) |
| \bigcirc_{χ} \cdot χ \cdot | PENDANT MOUNTED CEILING FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | ⊢ ⊗ ⊣ | STRIP LIGHT (X INDICATES FIXTURE LETTER IN SCHEDULE) | | COMBINATION WALL AND CEILING MOUNTED EXIT / EMERGENCY BATTERY LIGHT WITH DIRECTIONAL ARROW, SHADING INDICATES FACE |
| $\boxtimes_X \boxed{X}$ | IN GRADE/FLOOR FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | $\vdash X \vdash$ | BRACKET FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | Υ × × | (X INDICATES FIXTURE LETTER IN SCHEDULE) |
| \boxtimes | ABOVE GRADE FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | X | FIXTURE TRACK (X INDICATES FIXTURE LETTER IN SCHEDULE) | \longrightarrow | EMERGENCY BATTERY LIGHT (X INDICATES FIXTURE LETTER IN SCHEDULE) |
| | SHADING INDICATES FIXTURE ON EMERGENCY CIRCUIT OR WITH BATTERY BACKUP | \(\sigma_X\) | TRACK MOUNTED FIXTURE (X INDICATES FIXTURE LETTER IN SCHEDULE) | ₩x × | CEILING FAN - NUMBER OF BLADES IN SCHEDULE |
| | ARROW INDICATES WALL WASH FIXTURE | □ - (X)-{:} | POLE LUMINAIRE(S) (X INDICATES FIXTURE LETTER IN SCHEDULE) | | (X INDICATES FIXTURE LETTER IN SCHEDULE) |

| | | | LIC | SHTING CONTROLS | | |
|---|----------------|--|------------------|---------------------------|-----------------|---|
| | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| | S | SWITCH, SINGLE POLE | S _D | SWITCH, DIMMER | Sv | SWITCH, VARIABLE SPEED CONTROL |
| | S ₂ | SWITCH, DOUBLE POLE | Sĸ | SWITCH, KEYED | Ssu | SWITCH, WITH FUSE HOLDER |
| | S ₃ | SWITCH, THREE WAY | Ѕто | SWITCH, THERMAL OVERLOAD | VS D | WALL VACANCY SENSOR. 'D' DENOTES DAUL TECH |
| | S ₄ | SWITCH, FOUR WAY | S _L v | SWITCH, LOW VOLTAGE | VSD | CEILING VACANCY SENSOR. 'D' DENOTES DAUL TECH |
| | R | RELAY | P | PHOTOCELL CEILING MOUNTED | OS ^D | WALL OCCUPANCY SENSOR. 'D' DENOTES DAUL TECH |
| | С | LIGHTING CONTACTOR | P | PHOTOCELL WALL MOUNTED | OS(D | CEILING OCCUPANCY SENSOR. 'D' DENOTES DAUL TECH |
| • | : | ONE, TWO, AND THREE BUTTON PUSH STATION/SWITCH | DS | WALL DAYLIGHT SENSOR. | (DS) | CEILING DAYLIGHT SENSOR. |

| | FIRE ALARM SYMBOLS | | | | | | | | | |
|-----------------|--|--------|---|----------|---|--|--|--|--|--|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | | | | | |
| FACP | FIRE ALARM CONTROL PANEL | ANN | FIRE ALARM ANNUNCIATOR PANEL | MAP | FIRE ALARM GRAPHIC MAP | | | | | |
| F | FIRE ALARM MANUAL STATION | F-X | FIRE SPRINKLER VALVE TAMPER SWITCH | Ē | CEILING FIRE ALARM SPEAKER AND LIGHT | | | | | |
| F _{CM} | FIRE ALARM CONTROL MODULE | FO | FIRE SPRINKLER FLOW SWITCH | € F | WALL FIRE ALARM SPEAKER AND LIGHT COMBINATION | | | | | |
| F _{MM} | FIRE ALARM MONITOR MODULE | F_XX | FIRE ALARM DUCT DETECTOR XX: SA - SUPPLY AIR, RA - RETURN AIR | F | FIRE ALARM CEILING SPEAKER | | | | | |
| F | CEILING FIRE ALARM HORN AND LIGHT | (5) | CEILING FIRE ALARM SMOKE DETECTOR | ₽ | FIRE ALARM WALL SPEAKER | | | | | |
| F | WALL FIRE ALARM HORN AND LIGHT COMBINATION | 3 | WALL FIRE ALARM SMOKE DETECTOR | DH | FIRE ALARM MAGNETIC DOOR HOLDER | | | | | |
| F | CEILING FIRE ALARM LIGHT | H | CEILING FIRE ALARM HEAT DETECTOR | CS | TWO-WAY COMMUNICATION STATION | | | | | |
| Ē | WALL FIRE ALARM LIGHT | H | WALL FIRE ALARM HEAT DETECTOR | | | | | | | |

SECURITY SYMBOLS DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION WALL MOUNTED CARD READER WALL OR CEILING MOUNT CAMERA SECURITY KEYPAD DEVICE WALL OR CEILING MOUNT DOME CAMERA PENDANT MOUNTED CAMERA CEILING MOUNTED MOTION SENSOR GLASS BREAK SENSOR SECURITY DOOR CONTACT WALL MOUNT MOTION SENSOR

GENERAL ELECTRICAL NOTES:

- 1. ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES HAVING JURISDICTION.
- 2. THE ELECTRICAL CONTRACTOR SHALL OBTAIN PERMITS AND PAY SUCH FEES AS MAY BE NECESSARY FOR INSPECTIONS, TESTS, AND OTHER SERVICES NECESSARY FOR THE COMPLETION OF THIS WORK.
- CONTRACTOR SHALL VISIT THE SITE AND EXAMINE CONDITIONS OF THE PREMISES AND THE CHARACTER AND EXTENT OF WORK REQUIRED PRIOR TO SUBMISSION OF BIDS. ANY DIFFICULTIES IN COMPLYING WITH THE DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE BIDDING.
- 4. IT IS THE INTENT OF THESE DRAWINGS AND OTHER RELATED DOCUMENTS TO PRODUCE A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL PROVIDE LABOR, MATERIAL, AND OTHER SERVICES AS MAY BE NECESSARY TO ACHIEVE 24. HORSEPOWER RATINGS INDICATED ON DRAWING MAY DIFFER FROM ACTUAL EQUIPMENT FURNISHED. IF FURNISHED EQUIPMENT THIS PRODUCT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BRING TO THE ATTENTION OF THE ARCHITECT AY DISCREPANCIES IN THE PLANS AND SPECIFICATIONS THAT WILL AFFECT THE WORK, PRIOR TO SUBMISSION OF BID.
- RELATIVE TO THE PLANS AND SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, OTHER APPLICABLE CODES, AND GOVERNING DOCUMENTS, THE CONTRACTOR SHALL BRING THE PROBLEM TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR RESOLUTION PRIOR TO EXECUTION OF THE WORK.
- 6. MATERIAL SHALL BE NEW AND BEAR THE UL LABEL LISTED APPROVAL FOR ITS INSTALLED APPLICATION.
- 7. MAJOR COMPONENTS OF THE ELECTRICAL SYSTEMS SUCH AS SAFETY DISCONNECT SWITCHES AND PANELBOARDS SHALL BE BY THE SAME MANUFACTURER AND SHALL AS LISTED IN THE SPECIFICATIONS.
- 8. CIRCUIT BREAKERS USED FOR SWITCHING OF LIGHTING OR SIGN CIRCUITS SHALL BE APPROVED FOR SWITCHING DUTY AND SHALL BE MARKED "SWD" IN ACCORDANCE WITH NEC ARTICLE 240.83 (d).
- 9. PROVIDE "LOCKING" TYPE DEVICES ON CIRCUIT BREAKERS CONNECTED TO EMERGENCY AND NIGHT LIGHTING, SIGNS, FIRE ALARM, AND 30. FOR EQUIPMENT RATED 100 AMPS OR LESS, THE CONTRACTOR SHALL PROVIDE TERMINATIONS WHICH ARE LISTED FOR USE AT 75 SECURITY SYSTEMS.
- 10. SWITCHES, DUPLEX RECEPTACLES, AND TELEPHONE OUTLETS TO BE FLUSH MOUNTED THROUGHOUT.
- 11. SERVICE EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH NEC ARTICLE 250.
- 12. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF HVAC EQUIPMENT.
- 13. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHT FIXTURES.
- 14. ELECTRICAL PLANS ARE DIAGRAMMATIC. DO NO SCALE DRAWINGS.
- 15. CONSULT PLANS OF ALL OTHER TRADES FOR COORDINATION AND FOR RELATED AND ADJOINING WORK.
- 16. CONSULT ARCHITECTURAL AND STRUCTURAL PLANS AND DETAILS FOR CONSTRUCTION TYPE, HEADROOM, ROOM FINISHES, CEILINGS,
- 17. WORK SHALL BE DONE AT SUCH TIMES AND IN SUCH A MANNER AS WILL LEAST INTERFERE WITH THE MAINTENANCE AND OPERATION OF RELATED OR AFFECTED SYSTEMS. POWER OUTAGES, IF NECESSARY, SHALL BE COORDINATED WITH OWNER.
- 18. THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM.
- 19. EMPTY CONDUIT RUNS IN EXCESS OF 10 FT. SHALL BE PROVIDED WITH A PULL WIRE OR FISH TAPE/CORD.
- 20. RECEPTACLES DENOTED AS 'AC' ARE MOUNTED 6" ABOVE THE COUNTER OR VANITY IF A COUNTER IS NOT PRESENT.

- 21. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF MOTOR OVERLOAD DEVICES IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE MOTORS BEING INSTALLED.
- 22. CONTRACTOR SHALL NOTE UL LABELS ON PACKAGE TYPE MECHANICAL EQUIPMENT. IF UL LABEL ON MECHANICAL EQUIPMENT CALLS FOR THE OVERCURRENT PROTECTIVE DEVICE TO BE FUSES, THE ELECTRICAL CONTRACTOR SHALL PROVIDE A FUSED DISCONNECT SWITCH WITH PROPER SIZE FUSES AT THE SWITCH LOCATION INDICATED ON DRAWINGS.
- 23. CONTRACTOR SHALL VERIFY WIRE SIZES, CIRCUIT BREAKER, AND FUSE RATINGS FOR ALL HVAC EQUIPMENT, AND BRING TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER ANY DISCREPANCIES AFFECTING THE WORK PRIOR TO PROCEEDING.
- DIFFERS FROM RATINGS ON DRAWINGS, CONTRACTOR SHALL NOTIFY ARCHITECT AND/OR THE ENGINEER FOR APPROPRIATE ACTION
- 5. IF, DURING THE COURSE OF THE WORK, THE CONTRACTOR EXPERIENCES A PROBLEM WITH THE PERFORMANCE OF THE INSTALLATION 25. PROVIDE APPROVED "HACR" TYPE CIRCUIT BREAKERS FOR HEATING, AIR CONDITIONING, AND REFRIGERATION EQUIPMENT INDICATED FOR CONNECTION ON ELECTRICAL DRAWINGS.
 - 26. DEVICES AND COVERPLATES SHALL BE CONSTRUCTED OF MOLDED NYLON MATERIALS. COLOR OF DEVICES AND MATCHING COVERPLATES SHALL BE AS SELECTED BY THE ARCHITECT.
 - 27. THE CONTRACTOR SHALL GUARANTEE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
 - 28. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE SERVICE REQUIREMENTS FOR POWER AND TELEPHONE UTILITIES.
 - 29. PROVIDE A #10 NEUTRAL CONDUCTOR FOR MULTI-WIRE RECEPTACLE BRANCH CIRCUITS.
 - DEGREE C OR PROVIDE WIRING SIZED USING THE 60 DEGREE C AMPACITY.
 - 31. CONTRACTORS AND SUBCONTRACTORS SHALL CONSULT THE CIVIL, ARCHITECTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS AND COORDINATE THE INFORMATION CONTAINED IN THESE DRAWINGS TO PROPERLY CONSTRUCT THIS PROJECT.
 - 32. REFER TO CIVIL, ARCHITECTURAL, PLUMBING, MECHANICAL, OR ELECTRICAL DRAWINGS FOR OPENINGS, DEPRESSIONS, FINISHES,
 - INSERTS, BOLTS, ETC.
 - 33. BEFORE ORDERING MATERIALS OR DOING ANY WORK, THE CONTRACTORS AND SUBCONTRACTORS SHALL VERIFY MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGES OR COMPENSATION WILL BE ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTORS' OR SUBCONTRACTORS' FAILURE TO COMPLY WITH THIS REQUIREMENT.
 - 34. DUCTS NOT USED FOR ENVIRONMENTAL AIR (PLENUMS), SUCH AS DUST, LOOSE STOCK, OR VAPOR REMOVAL, SHALL NOT CONTAIN ANY RACEWAYS/CONDUCTORS. DUCTS USED FOR ENVIRONMENTAL AIR (PLENUMS), SHALL NOT CONTAIN ANY RACEWAYS/CONDUCTORS, EXCEPT FOR THOSE REQUIRED FOR THE DIRECT ACTION UPON/OR SENSING OF THE CONTAINING ENVIRONMENTAL AIR DUCT. RACEWAY/CONDUCTORS IN ENVIRONMENTAL AIR DUCTS (WHERE PERMITTED) SHALL BE TYPE MI CABLE (WITHOUT OVERALL NONMETALLIC COVERING), OR FLEXIBLE METAL CONDUIT (WITHOUT NONMETALLIC COVERING). FOR ADDITIONAL TYPES OF ALLOWED RACEWAYS, REFERENCE NEC 2020, ART. 300.22(B) (FINE PRINT NOTES). MAX RACEWAY LENGTH WITHIN DUCT SHALL NOT EXCEED 4 FT.

POWER SYMBOLS

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|------------|--|--------------|---|--------------------------------|--|
| 4 4 | PANEL BOARD - SURFACE MOUNT AND RECESSED | Φ | DUPLEX RECEPTACLE | # | DOUBLE DUPLEX RECEPTACLE |
| | DISTRIBUTION PANEL, SWITCHBOARD, OR MOTOR CONTROL CENTER | P | AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE | # | (1) DUPLEX, (1) DUPLEX AUTOMATICALLY CONTROLLED |
| M | METER | | ISOLATED GROUND DUPLEX RECEPTACLE | $\stackrel{\triangle}{\oplus}$ | ISOLATED GROUND DOUBLE DUPLEX RECEPTACLE |
| TF | TRANSFORMER | P | DEDICATED DUPLEX RECEPTACLE | • | DEDICATED DOUBLE DUPLEX RECEPTACLE |
| CT | CURRENT TRANSFORMER | Φ | DUPLEX RECEPTACLE - HALF SWITCHED | • | DOUBLE DUPLEX RECEPTACLE - HALF SWITCHED |
| PB | PULL BOX | \ominus | CEILING MOUNTED DUPLEX RECEPTACLE | # | CEILING MOUNTED DOUBLE DUPLEX RECEPTACLE |
| M | MOTOR | • | CEILING MOUNTED DEDICATED DUPLEX RECEPTACLE | * | CEILING MOUNTED DEDICATED DOUBLE DUPLEX RECEPTACLE |
| | NON-FUSED DISCONNECT SWITCH | | HORIZONTAL MOUNTED DUPLEX RECEPTACLE | • | FLOOR MOUNTED DUPLEX RECEPTACLE |
| | FUSED DISCONNECT SWITCH | φ | SIMPLEX RECEPTACLE | | COMBINATION POWER/DATA OUTLET |
| Ţ | WALL MOUNTED JUNCTION BOX | Φ | RANGE RECEPTACLE NEMA 14-50 (125/250V 50A) | ₽ | DRYER RECEPTACLE NEMA 14-30 (125/250V 30A) |
| J | JUNCTION BOX | | | P | SPECIAL PURPOSE RECEPTACLE (NEMA CONFIGURE AS NOTED) |

| | COMMUNICATIONS SYMBOLS | | | | | | | | |
|--------------|------------------------------------|--------|---------------------------------------|----------------|-------------------------------------|--|--|--|--|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | | | | |
| ∇ | WALL MOUNTED DATA OUTLET | | CEILING MOUNTED DATA OUTLET | | FLOOR MOUNTED DATA OUTLET | | | | |
| V | WALL MOUNTED TELEPHONE/DATA OUTLET | -\$ | CEILING MOUNTED TELEPHONE/DATA OUTLET | • | FLOOR MOUNTED TELEPHONE/DATA OUTLET | | | | |
| ▼ | WALL MOUNTED TELEPHONE OUTLET | | CEILING MOUNTED TELEPHONE OUTLET | • | FLOOR MOUNTED TELEPHONE OUTLET | | | | |
| lacktriangle | WIRELESS ACCESS POINT | Ф | CLOCK | (4) (8) | COMBINATION CLOCK AND SPEAKER | | | | |
| S | WALL MOUNTED SPEAKER | (S) | CEILING MOUNTED SPEAKER | | | | | | |
| TV | WALL TELEVISION OUTLET | -(TV)- | CEILING TELEVISION OUTLET | | | | | | |

ONE-LINE SYMBOLS

| | | | | - | | | |
|-----------------|--|-----------------------|---|--------|-----------------------------|-----------------------|------------------------------------|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| PANEL 'NAME' | PANEL BOARD | TF | PAD MOUNTED TRANSFORMER | | POLE MOUNTED TRANSFORMER | G | GENERATOR |
| ###/# | NON-FUSED DISCONNECT SWITCH ###/# - DISCONNECT SIZE | ###/# ###A FUSE | FUSED DISCONNECT SWITCH ###/# - DISCONNECT SIZE ###A FUSE AMPERAGE FUSE - FUSE TYPE | 0 0 | TRANSFER SWITCH | ###/# ###A FUSE | FUSED DISCONNECT SWITCH |
| СТ | CURRENT TRANSFORMER ENCLOSURE | C C | CONNECTION CABINET | PB | PULL BOX | TF | TRANSFORMER |
| | | M | METER | (M) | MOTOR | • SPACE | SPACE WITHING SWITCHBOARD |
| ω | CURRENT TRANSFORMER | <u></u> | GROUNDING CONNECTION | •)# | CIRCUIT BREAKER | ###/# SPARE | SPARE SWITCH WITHIN SWITCHBOARD |

DESIGN BUILD REQUIREMENTS:

- 1. FIRE ALARM SYSTEM SHALL BE DESIGN BUILD WITH A DEFERRED SUBMITTAL TO THE PERMITTING AGENCY.
- 2. THE CONTRACTOR SHALL OBTAIN A STATE REGISTERED ENGINEER TO REVIEW, SEAL, AND SIGN SHOP DRAWINGS FOR PLAN REVIEW SUBMISSION. THE ENGINEER OF RECORD FOR THESE DRAWINGS SHALL NOT SEAL THE FIRE ALARM DRAWINGS.
- 3. SECURITY SYSTEM (IF APPLICABLE) SHALL BE DESIGN BUILD WITH A DEFERRED SUBMITTAL TO THE OWNER.
- 4. LOW VOLTAGE SYSTEMS SHALL BE DESIGN BUILD WITH A DEFERRED SUBMITTAL TO THE PERMITTING

ELECTRICAL ABBREVIATIONS

LTG LIGHTING

LV LOW VOLTAGE

MCA MINIMUM CIRCUIT AMPS

MCB MAIN CIRCUIT BREAKER

MCC MOTOR CONTROL CENTER

MDF MAIN DISTRIBUTION FRAME

(PART) PARTIAL CIRCUIT AC ALTERNATING CURRENT, ABOVE COUNTER AFCI ARC FAULT CURRENT INTERRUPTER AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AHJ AUTHORITY HAVING JURISDICTION AIC AMPS INTERRUPTING CURENT AL ALUMINUM ATS AUTOMATIC TRANSFER SWITCH AUX AUXILIARY AV AUDIOVISUAL AWG AMERICAN WIRE GAUGE BAS BUILDING AUTOMATION SYSTEM C CONDUIT CATV CABLE TV CB CIRCUIT BREAKER CCTV CLOSED CIRCUIT TELEVISION CKT CIRCUIT CLG CEILING IG ISOLATED GROUND CLR CLEAR ISC SHORT CIRCUIT CURRENT CT CURRENT TRANSFORMER

CU COPPER

Db DECIBEL

DISC DISCONNECT

DIST DISTRIBUTION

DPS DOOR POSITION SWITCH

DWG DRAWING EAC ELECTRONIC ACCESS CONTROL EC ELECTRICAL CONTRACTOR EM EMERGENCY POWER CIRCUIT EMT ELECTRICAL METALLIC TUBING EPO EMERGENCY POWER OFF FA FIRE ALARM FAA FIRE ALARM ANNUNCIATOR FACP FIRE ALARM CONTROL PANEL FC FOOTCANDLES FLA FULL LOAD AMPS G GFCI RECEPTACLE GC GENERAL CONTRACTOR GEC GROUNDING ELECTRODE CONDUCTOR GFCI GROUND FAULT CIRCUIT INTERRUPTER GND GROUND HH HANDHOLE HP HORSEPOWER IC INTERCOM IDF INTERMEDIATE DISTRIBUTION FRAME

J-BOX JUNCTION BOX

KV KILOVOLT

KW KILOWATT

KVA KILOVOLT AMPERE

KCMIL THOUSAND CIRCULAR MILS

MISC MISCELLANEOUS MLO MAIN LUGS ONLY MTG MOUNTING MV MEDIUM VOLTAGE N NEUTRAL NC NORMALLY CLOSED NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NF NON FUSED NFPA NATIONAL FIRE PROTECTION ASSOCIATION NIC NOT IN CONTRACT NL NIGHT LIGHT NO NORMALLY OPEN NTS NOT TO SCALE PB PULLBOX PNL PANEL POE POWER OVER ETHERNET PTZ PAN-TILT-ZOOM PWR POWER RQE REQUEST TO EXIT

S SAFETY/KID SAFE RECEPTACLE

SCH SCHEDULE SIM SIMILAR SPD SURGE PROTECTIVE DEVICE SPECS SPECIFICATIONS STD STANDARD SW SWITCH SWBD SWITCHBOARD SWGR SWITCHGEAR T TRANSFORMER TBB TELEPHONE BACKBOARD TC TELECOMMUNICATIONS CLOSET TGB TELECOMMUNICATIONS GROUNDING BUSBAR TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION TYP TYPICAL UC UNDER CABINET UG UNDERGROUND

V VOLT

W WATT

XFMR TRANSFORMER

XP EXPLOSION PROOF

VFD VARIABLE FREQUENCY DRIVE

WP WEATHERPROOF - NEMA 3R

WAP WIRELESS ACCESS POINT

Checked By: UL UNDERWRITERS LABORATORY UPS UNINTERRUPTIBLE POWER SUPPLY

SYMBOLS LEGENDS

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RAND JUNC UNION OF CUC - GF CREDIT I

Issue/Description

ISSUE FOR PERMIT

Date

07/30/2024

13 14 **⊬**⊗ X1 ALL LIGHT FIXTURES AND CONTROLSWITHIN SHADED REGION ARE EXISTING TO REMAIN, NOT IN SCOPE. CONFERENCE RM. 126 12 11 13 14 FIRST FLOOR LIGHTING PLAN SCALE: 1/8" = 1'-0"

LIGHTING PLAN GENERAL NOTES:

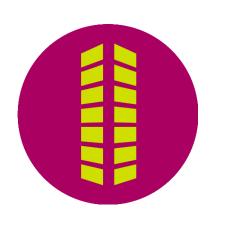
- A. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT REQUIRING A NEUTRAL, UNLESS OTHERWISE NOTED.
- B. INSTALL GREEN INSULATED GROUND WIRE WITH EACH LIGHTING, RECEPTACLE, AND EQUIPMENT BRANCH CIRCUIT
- C. CONTRACTOR TO PROVIDE SWITCHED AND UNSWITCHED LEGS FROM THE SAME CIRCUIT TO ALL EMERGENCY LIGHTING FIXTURES WITH AN INTERNAL BATTERY. CONNECT UNSWITCHED POWER TO THE BATTERY CHARGER IN THE FIXTURE. SWITCHED LEG TO CONTROL FIXTURE ON/OFF.
- D. ALL LIGHTS ARE REPLACED IN PLACE WITH LIGHT FIXTURES CALLED OUT PER PLANS AND LUMINAIRE SCHEDULE. TIE ALL NEW FIXTURES INTO EXISTING CIRCUITS. CIRCUIT LOADS SHALL DECREASE DUE TO CHANGE FROM INCANDESCENT TO LED.

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Date Issue/Description
07/30/2024 ISSUE FOR PERMIT

| Project No: | CUC000013.30 |
|-------------|--------------|
| Drawn By: | LAR |
| Checked By: | JTH |

FIRST FLOOR LIGHTING PLAN

E101

POWER PLAN GENERAL NOTES:

- A. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT REQUIRING A NEUTRAL, UNLESS OTHERWISE NOTED.
- B. INSTALL GREEN INSULATED GROUND WIRE WITH EACH LIGHTING, RECEPTACLE, AND EQUIPMENT BRANCH CIRCUIT.
- C. DO NOT MOUNT DEVICES DIRECTLY BACK TO BACK TO LIMIT SOUND TRAVEL.

POWER PLAN KEY NOTES: (#)

 RECEPTACLE LOCATION SHIFTED, CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND RECONNECT RECEPTACLES TO EXISTING CIRCUIT.

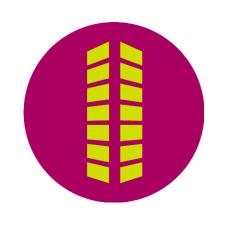


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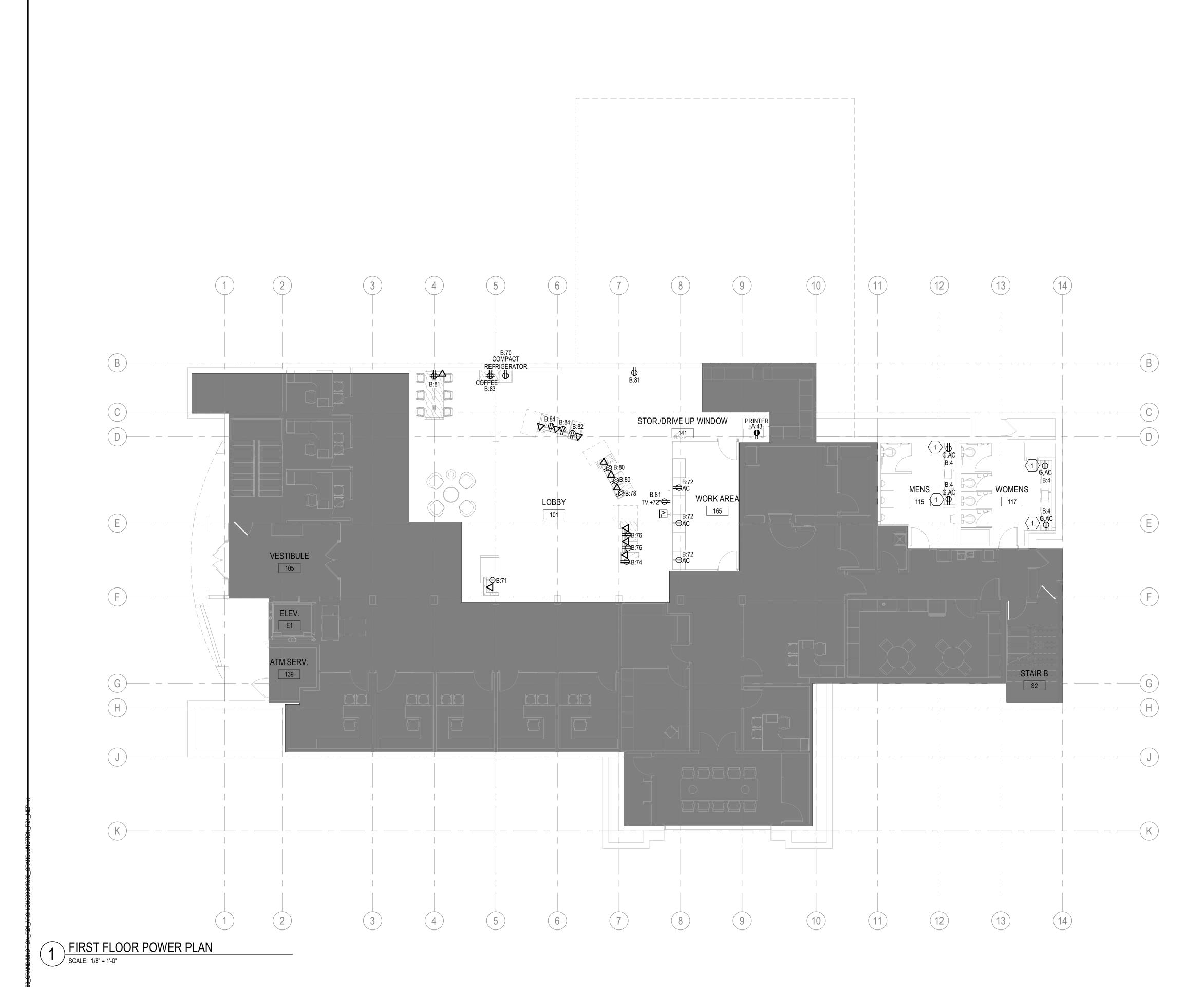
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| # | 07/30/2024 | ISSUE FOR PERMIT |
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| Project No: | CUC000013.30 |
|-------------|--------------|
| Drawn By: | LAR |
| Checked Bv: | JTH |

FIRST FLOOR POWER PLAN

E201



DISTRIBUTION PANEL MSB

| | 208/120V | 3 PHASE 4 WIRE V | V/ GND BAR | 80% MAIN |
|--|--------------|------------------|------------|--------------------------|
| | 600 AMP | MCB | | INTEGRAL SPD |
| | EXISTING | MINIMUM AIC RAT | ING | FULLY RATED |
| | BREAKER DIST | RIBUTION | | 100% NEUTRAL |
| | | | | |
| CKT# | O/C | REMARKS | LOAD VA | DESCRIPTION |
| 1 | 225/3 | | 18461 | PANEL A |
| 2 | 225/3 | | | PANEL B |
| 3 | | | | PANEL C |
| 4 | 100/3 | | 0 | PANEL EM |
| 5 | | | | SPARE |
| 6 | | | | SPARE |
| 7 | | | | SPARE |
| 8 | | | | SPARE |
| | | | | |
| | LOAD TYPE | LOAD IN VA | FACTOR | DIVERSIFIED LOAD |
| | RECEPT | 26656 | | 18328 |
| | LIGHTING | 995 | 1.25 | 1244 |
| | EQUIP | 0 | 1 | 0 |
| | KITCHEN | 2750 | 0.65 | 1788 |
| | MISC | 0 | 1 | 0 |
| | NONCONC. | 0 | 0 | 0 |
| | MOTOR | 0 | 1 | 0 |
| | LMOTOR | 0 | 1.25 | 0 |
| | | ND LOAD PER 12 | 21111 | TOTAL VA |
| MONTHS OF UTILITY BILLS IS 35.12kVA OR 97.3A. NEW LOADS EQUATE TO 21.1kVA OR | | | 194794 | 90% SPARE AVAILABLE |
| | | LOADS ARE LESS | 21111 | TOTAL VA (W/ CONTINUOUS) |
| | | NEL AND SHALL | 59 | MIN. FEEDER AMPS |
| NOT OVERLOAD THE PANELS. | | | | - |

LUMINAIRE SCHEDULE

| | LOWINAINE SCHEDULE | | | | | | | | | | | | |
|----|---------------------------------|---|---|---------|---------|-----------|------|-------|--------|----------|-------|-----|---------|
| | | | | T | | | T | T | T | | | | |
| ID | MANUFACTURER | CATALOG NO. | DESCRIPTION | VOLTAGE | DIMMING | MOUNTING | TYPE | WATTS | LUMENS | EFFICACY | CCT | CRI | REMARKS |
| C1 | SOLAIS | BLDR-4-1-PW-PW-FL-9-40-1500-UNV2-HB | 4" ROUND RECESSED DOWNLIGHT | | 0-10V | RECESSED | LED | 41 | 4000 | 97.56 | 3500K | 90 | - |
| L1 | CREE LIGHTING | LS4 40L 835 Q UL 10V | STORAGE 4' LINEAR STRIP | UNV | 0-10V | SURFACE | LED | 31 | 4000 | 129.03 | 3500K | 80 | - |
| L2 | MODULAR LIGHTING INSTRUMENTS | COMO CORNER CURVED 3500K 1000LM/FT | CORNER WALL ACCENT LIGHT - WHITE FINISH - 5' | | 0-10V | WALL | LED | 22 | 2885 | 131.14 | 3500K | 80 | - |
| P1 | SOLAVANTI LIGHTING | SONNY D63058 60W 4200LM 30 G BBR A 20 120 | RING CEILING PENDANT | 120 | 0-10V | PENDANT | LED | 60 | 4200 | 70.00 | 3000K | 90 | - |
| R1 | LITHONIA | 20BLT4 48L ADP EZ1 LP835 PWS1856LV | RECESSED ARC 2X4 TROFFER - OFFICES | UNV | 0-10V | RECESSED | LED | 45 | 4800 | 106.67 | 3500K | 80 | - |
| R2 | CORONET | LSR1 10 35 LOW UNV DB W T FL AWNR | RECESSED 3" STRIP - RECESSED INTO CEILING CLOUDS | UNV | 0-10V | RECESSED | LED | 40 | 3664 | 91.60 | 3500K | 90 | - |
| R3 | LITHONIA | BLT2 20L ADP EZ1 LP835 PWS1856LV | RECESSED ARC 2X2 TROFFER - OFFICES | UNV | 0-10V | RECESSED | LED | 18 | 2000 | 111.11 | 3500K | 80 | - |
| X1 | LITHONIA | LQM S W 3 G 120/277 EL N | GREEN LED EXIT SIGN W/ 90 MINUTE EMERGENCY BATTERY BACKUP | UNV | N/A | UNIVERSAL | LED | 5 | | | | | - |
| EM | LITHONIA | ELM2L UVOLT LTP M12 | EMERGENCY BUG-EYE FIXTURE WITH 90 MINUTE EMERGENCY BATTERY BACKUP | UNV | N/A | UNIVERSAL | LED | 5 | | | - | | - |

a. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR LUMINAIRES, DRIVERS, AND EMERGENCY BACKUP.b. CONTRACTOR TO VERIFY LUMINAIRE CATALOG NUMBER AND INSTALLATION REQUIREMENTS PRIOR TO ORDERING.

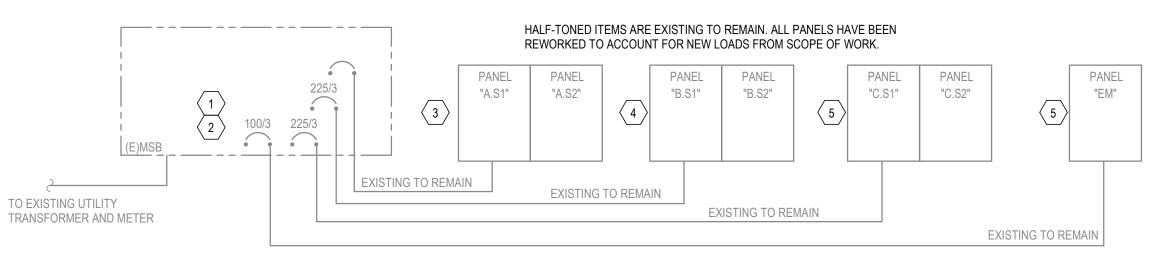
ONE-LINE GENERAL NOTES:

A. SEE GENERAL NOTES ON E001.

ONE-LINE KEY NOTES: (#)

- CONTRACTOR TO OBTAIN THE SITE SPECIFIC SHORT CIRCUIT RATING AND SHALL INFORM ENGINEER OF VALUE AS SOON AS POSSIBLE TO CONFIRM CALCULATIONS.
- 2. DISTRIBUTION BOARD 'MSB' IS EXISTING TO REMAIN. DISTRIBUTION BOARD 'MSB' HAS BEEN REWORKED FOR NEW LOADS. RESULTS IN NET ADDITION OF 17.6kVA AND 49AMPS. THE PEAK CONNECTED LOADS EQUATES 35.12kVA OR 97.3AMPS, PER UTILITY BILLS. TOTAL CONNECTED LOAD RESULTS IN 52.72kVA OR 146AMPS. THIS IS LESS THAN 80% OF THE PANEL RATINGS, DISTRIBUTION BOARD 'MSB' IS RATED TO 600A. THEREFORE NEW LOADS SHALL NOT OVERLOAD THE PANEL. CONTRACTOR SHALL VERIFY PANEL SIZE AND CONTACT ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES.
- 3. PANEL 'A' IS EXISTING TO REMAIN. PANEL 'A' HAS BEEN REWORKED FOR NEW LOADS. PANEL 'A' IS FED FROM DISTRIBUTION BOARD 'MSB', SEE ABOVE NOTE FOR TOTAL CONNECTED LOADS.
- FROM DISTRIBUTION BOARD 'MSB', SEE ABOVE NOTE FOR TOTAL CONNECTED LOADS.
- 5. PANEL 'C' IS EXISTING TO REMAIN. PANEL 'C' HAS BEEN REWORKED FOR NEW LOADS. PANEL 'C' IS FED FROM DISTRIBUTION BOARD 'MSB', SEE ABOVE NOTE FOR TOTAL CONNECTED LOADS.
- 6. PANEL 'EM' IS EXISTING TO REMAIN. PANEL 'EM' HAS BEEN REWORKED FOR NEW LOADS. PANEL 'EM' IS FED FROM DISTRIBUTION BOARD 'MSB', SEE ABOVE NOTE FOR TOTAL CONNECTED LOADS.

4. PANEL 'B' IS EXISTING TO REMAIN. PANEL 'B' HAS BEEN REWORKED FOR NEW LOADS. PANEL 'B' IS FED



1 PARTIAL EXISTING ELECTRICAL ONE-LINE SCALE: NO SCALE

PANEL EM 3 PHASE 4 WIRE W/ GND BAR SURFACE MOUNTED 100 AMP MLO 100% NEUTRAL EXISTING MINIMUM AIC RATING FULLY RATED 18 POLES ONE SECTION SOURCE MSB LOAD VA | REMARKS | O/C | CKT# | PH | CKT# | O/C | REMARKS | LOAD VA | DESCRIPTION DESCRIPTION L-WEST STAIRWELL EXISTING R-MAIN SECURITY PANEL IN VAULT L-EAST STAIRWELL EXISTING R-VAULT DOOR EXISTING R-SECURITY RADIO TRANS EXISTING R-SMOKE DETECTOR EXISTING EXISTING EXISTING R-MANAGER OFFICE FLOOR E-ELEVATOR CAB EXISTING EXISTING SPARE EXISTING EXISTING SPARE SPACE SPACE SPACE SPACE SPACE SPACE LOAD TYPE LOAD IN VA 0 TOTAL VA NO NEW LOADS ADDED TO PANEL 'EM'. RECEPT 35984 100.0% SPARE LIGHTING 0 VA (W/ CONTINUOUS) 0 MIN. FEEDER AMPS KITCHEN 0 A-PHASE LOAD 0 B-PHASE LOAD

0 C-PHASE LOAD

| PANEL C | | | | | | | | | | | |
|---|---|------------------|----------|------|------|----|----------------------|------|---------------|----------|----------------------------------|
| 208/120V 150 AMP EXISTING 30 POLES | 3 PHASE 4 WIRE W/ GND E MLO MINIMUM AIC RATING ONE SECTION | NIMUM AIC RATING | | | | | | | | | |
| D | ESCRIPTION | LOAD VA | REMARKS | O/C | CKT# | PH | CKT# | O/C | REMARKS | LOAD VA | DESCRIPTION |
| E-HEAT CABLES | | EXISTING | | 30/3 | 1 | Α | 2 | 30/3 | | EXISTING | E-HEAT CABLES |
| • | | EXISTING | | * | 3 | В | 4 | * | | EXISTING | * |
| r | | EXISTING | | * | 5 | С | 6 | * | | EXISTING | * |
| E-HEAT CABLES | | EXISTING | | 30/3 | 7 | Α | 8 | 30/3 | | EXISTING | E-HEAT CABLES |
| ŧ | | EXISTING | | * | 9 | В | 10 | * | | EXISTING | * |
| * | | EXISTING | | * | 11 | С | 12 | * | | EXISTING | * |
| SPARE | | EXISTING | | 20/1 | 13 | Α | 14 | 20/1 | | EXISTING | SPARE |
| SPACE | | | | | 15 | В | 16 | | | | SPACE |
| SPACE | | | | | 17 | С | 18 | | | | SPACE |
| SPACE | | | | | 19 | Α | 20 | | | | SPACE |
| SPACE | | | | | 21 | В | 22 | | | | SPACE |
| SPACE | | | | | 23 | С | 24 | | | | SPACE |
| SPACE | | | | | 25 | Α | 26 | | | | SPACE |
| SPACE | | | | | 27 | В | 28 | | | | SPACE |
| SPACE | | | | | 29 | С | 30 | | | | SPACE |
| LOAD TYPE | LOAD IN VA | FACTOR | DIV LOAD | | | | | 0 | TOTAL VA | | REMARKS: |
| RECEPT | |) NEC | 0 | 1 | | | 53976 100.0% SPARE | | | | NO NEW LOADS ADDED TO PANEL 'C', |
| LIGHTING | | 1.25 | 0 | 4 | | | 0 VA (W/ CONTINUOUS) | | | | 1 |
| EQUIP | |) 1.23 | 0 | 4 | | | | | MIN. FEEDER A | <u> </u> | 1 |
| KITCHEN | | 0.65 | 0 | 1 | | | | | A-PHASE LOAD | | - |
| | | | | 1 | | | | | | | - |
| MISC | | 1 | 0 | 1 | | | | | B-PHASE LOAD | | |
| NONCONC. | | 0 | 0 | 1 | | | | 0 | C-PHASE LOAD |) | |
| MOTOR | | 1 | 0 | | | | | | | | |
| | 1 | 1 | I | 1 | | | | | | | 1 |

| REWORKED PANEL B | | | | | | | | | | | | |
|---------------------|--|---|----------|---------|--|----|------------------|-------|---------------|--------------------|---|--|
| 225 AMP EXISTING | 3 PHASE 4 WIRE W/ GND BAMLO MINIMUM AIC RATING TWO SECTION | SURFACE MOUNTED 100% NEUTRAL SOURCE MSB | | | | | | | | | | |
| DE | ESCRIPTION | LOAD VA | REMARKS | O/C | CKT# | PH | CKT# | O/C | REMARKS | LOAD VA | DESCRIPTION | |
| R-LUNCHROOM | | EXISTING | | 20/1 | 1 | A | 2 | 20/1 | | EXISTING | R-EXAM ROOM | |
| | D CASH COUNT ROOM | EXISTING | | 20/1 | 3 | В | 4 | 20/1 | 3 | EXISTING | R-RESTROOM | |
| R-EWC MAIN FL | | EXISTING | | 20/1 | 5 | С | 6 | 20/1 | | EXISTING | E-DISPOSAL | |
| R-VENDING MA | | EXISTING | | 20/1 | 7 | Α | 8 | 20/1 | | EXISTING | R-VENDING MACHINES | |
| R-LUNCHROOM | COUNTER | EXISTING | | 20/1 | 9 | В | 10 | 20/1 | | EXISTING | L-LOAN ASSISTANCE | |
| L-ELEVATOR | | EXISTING | | 20/1 | 11 | C | 12 | 20/1 | | EXISTING | L-SAVINGS SERVICE | |
| L-CONFIRM | | EXISTING | | 20/1 | 13 | Α | 14 | 20/1 | | EXISTING | L-LOAN OFFICES | |
| L-SCONCE | | EXISTING | | 20/1 | 15 | В | 16 | 20/1 | | EXISTING | L-LOBBY | |
| L-UNDER COUN | | EXISTING | | 20/1 | 17 | С | 18 | 20/1 | | EXISTING | L-LOBBY | |
| L-LUNCHROOM | / MANAGER'S OFFICE | EXISTING | | 20/1 | 19 | A | 20 | 20/1 | | EXISTING | L-DRIVE-UP TELLER | |
| R-WEST UPSTA | | EXISTING | | 20/1 | 21 | В | 22 | 20/1 | | EXISTING | L-RESTROOM MAIN FLOOR | |
| R-STORAGE RC | | EXISTING | | 20/1 | 23 | C | 24 | 20/1 | | EXISTING | L-HALLWAY AND VAULT | |
| R-UPSTAIRS BA | | 360 | 3 | 20/1 | 25 | A | 26 | 20/1 | | EXISTING | E-EWC SECOND FLOOR | |
| E-EF-5 | THROOM | EXISTING | 3 | 20/1 | 27 | | 28 | 30/2 | | EXISTING | E-CU-2 | |
| | | EXISTING | | 15/3 | | В | | * | | EXISTING | E-OU-2 * | |
| E-EF-1 | | | | 10/3 | 29 | С | 30 | 00/4 | | | D ELECTRICAL DOOM / DOUED DOOM | |
| * | | EXISTING | | | 31 | Α | 32 | 20/1 | | EXISTING | R-ELECTRICAL ROOM / BOILER ROOM | |
| * | | EXISTING | | * | 33 | В | 34 | 20/1 | | EXISTING | E-EF-3 | |
| E-P-2 | | EXISTING | | 15/3 | 35 | С | 36 | 15/3 | | EXISTING | E-CIRC PUMP 1 | |
| * | | EXISTING | | * | 37 | Α | 38 | * | | EXISTING | * | |
| * | | EXISTING | | * | 39 | В | 40 | * | | EXISTING | * | |
| E-UH-1 | | EXISTING | | 20/1 | 41 | С | 42 | 20/1 | | EXISTING | R-PHOTOCELL | |
| L-SIGNAGE | | EXISTING | | 15/1 | 43 | Α | 44 | 20/1 | | EXISTING | L-SECOND FLOOR | |
| L-SECOND FLO | OR | EXISTING | | 20/1 | 45 | В | 46 | 20/1 | | EXISTING | L-2ND FLOOR RESTROOM, ELEC | |
| L-STORAGE / H/ | ALLWAY | EXISTING | | 20/1 | 47 | C | 48 | 20/1 | | EXISTING | E-ELEVATOR ROOM SUMP CONTROL | |
| E-SUMP PUMP | | EXISTING | | 15/3 | 49 | A | 50 | 20/2 | | EXISTING | E-MAIN FLOOR RESTROOM HEATERS | |
| * | | EXISTING | | * | 51 | В | 52 | * | | EXISTING | * | |
| * | | EXISTING | | * | 53 | | 54 | 20/2 | | EXISTING | E-MAIN FLOOR RESTROOM HEATERS | |
| E-UNIT HEATER |) #1 | EXISTING | | 20/1 | | C | | * | | EXISTING | * | |
| | | | | 1 | 55 | A | 56 | 20/4 | | | D TELEDLIONE DOADD | |
| L-SECOND FLO | UR | EXISTING | | 20/1 | 57 | В | 58 | 20/1 | | EXISTING | R-TELEPHONE BOARD | |
| E-EF-2 | | EXISTING | | 20/1 | 59 | С | 60 | 20/1 | | EXISTING | R-SNOW MELT CONTROL | |
| E-AHU-1 CONTF | | EXISTING | | 20/1 | 61 | Α | 62 | 20/1 | | EXISTING | L-TELLER LINE | |
| E-BOILER CONT | ROL | EXISTING | | 20/1 | 63 | В | 64 | 20/1 | | EXISTING | L-RECEPTIONIST DESK | |
| L-SIGNAGE | | EXISTING | | 15/1 | 65 | С | 66 | 20/1 | | EXISTING | L-DRIVE UP | |
| E-VAV BOXES | | EXISTING | | 20/1 | 67 | Α | 68 | 15/1 | | EXISTING | R-TELLER POWER | |
| L-ATM LOBBY | | EXISTING | | 20/1 | 69 | В | 70 | 20/1 | 1 | 500 | R-LOBBY REFRIGERATOR | |
| R-WELCOME DE | ESK | 360 | 1 | 20/1 | 71 | С | 72 | 20/1 | 1 | 540 | R-WORK ROOM | |
| R-ATM DRIVE U | P | EXISTING | | 30/1 | 73 | Α | 74 | 20/1 | 1 | 180 | R-CDR 1 | |
| R-ATM SPARE | | EXISTING | | 15/1 | 75 | В | 76 | 20/1 | 1 | 360 | R-TELLER 1 | |
| SPACE | | EXISTING | | 10,1 | 77 | C | 78 | 20/1 | 1 | 180 | R-CDR 2 | |
| R-MICROWAVE | | EXISTING | | 20/1 | 79 | A | 80 | 20/1 | 1 | 360 | R-TELLER 2 | |
| R-LOBBY TV / L | ORRY | 720 | | 20/1 | 81 | В | 82 | 20/1 | 1 | 180 | R-CDR 3 | |
| R-COFFEE | ODDI | 1200 | 1 | 20/1 | 83 | C | 84 | 20/1 | 1 | 360 | R-TELLER 3 | |
| K-COFFEE | | 1200 | I | 20/1 | 00 | C | 04 | 20/1 | ı | 300 | R-TELLER 3 | |
| LOAD TYPE | LOAD IN VA | FACTOR | DIV LOAD | | | | | 5300 | TOTAL VA | | REMARKS: 1. NEW LOADS WITHIN EXISTING PANEL, | |
| RECEPT | 5300 | NEC | 5300 | | | | | 75664 | 93.5% | SPARE | CONTRACTOR SHALL FIELDVERIFY | |
| LIGHTING | 0 | | | + | | | | | VA (W/ CONTIN | | CIRCUIT LOAD AND CONDITIONS PRIOR | |
| EQUIP | 0 | 1.20 | 0 | 4 | | | | | MIN. FEEDER A | | TO ROUGH IN. CONTACT ENGINEER | |
| | | 1 | | 4 | | | | | | | IMMEDIATELY FOR ANY DISCREPANCIES. | |
| KITCHEN | 0 | | 0 | 4 | | | 900 A-PHASE LOAD | | | | 2. LOADS EXISTING TO REMAIN. | |
| MISC | 0 | 1 | 0 | | | | | 1760 | B-PHASE LOAD |) | - 3.EXISTING CIRCUIT, REVISED LOCATION. | |
| NONCONC. | 0 | 0 | 0 | | 2640 C-PHASE LOAD | | | | | | CONTRACTOR SHALL REMOVE AND | |
| MOTOR | 0 | 1 | | FXISTIN | XISTING AND NEW LOADS COMBINE TO LESS THAN 150AMPS, RECONNECT CIRCUIT. | | | | | | | |
| LMOTOR | 0 | | | THEREF | THEREFORE DANIEL IDLOUGH AND THE OVERLIGHT CAREED IN MICHORAT CARE | | | | | NECONNECT CIRCUIT. | | |

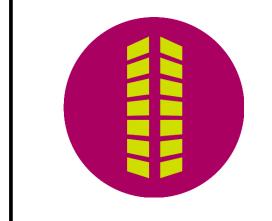
| 208/120V 3 PHASE 4 WIRE W/ GND BA | \R | | | SURFACE | MOUN | NTED | | | | |
|-----------------------------------|----------|--------------|---------|-----------|---------|-----------|-----------------------------|---------------|----------|--------------------------------------|
| 225 AMP MLO | | 100% NEUTRAL | | | | | | | | |
| EXISTING MINIMUM AIC RATING | | | | | | | | | | |
| 84 POLES TWO SECTION | | | | SOURCE | | MSB | | | | |
| | | | | | | | | | | |
| DESCRIPTION | LOAD VA | REMARKS | O/C | CKT# | PH | CKT# | O/C | REMARKS | LOAD VA | DESCRIPTION |
| L-T.S. 2 PARKING LOT | EXISTING | 2 | 20/1 | 1 | Α | 2 | 20/1 | 2 | EXISTING | L-PHOTOCELL FRONT |
| L-T.S. 2 PARKING LOT | EXISTING | 2 | 20/1 | 3 | В | 4 | 20/1 | 2 | EXISTING | E-T.S. 1 SIGN |
| R-WP FRONT WALLS OUTSIDE | EXISTING | 2 | 20/1 | 5 | С | 6 | 20/1 | 2 | EXISTING | E-T.S. 2 BALLARD |
| E-SPRINKLER CONTROL | EXISTING | 2 | 20/1 | 7 | Α | 8 | 20/1 | 2 | EXISTING | R-ATM SPARE |
| R-LOAN ROOM | EXISTING | 2 | 20/1 | 9 | В | 10 | 20/1 | 2 | EXISTING | R-LOAN ROOM |
| R-LOAN ASSIST WALL | EXISTING | 2 | 20/1 | 11 | С | 12 | 20/1 | 2 | EXISTING | R-SAVINGS SERVICE OFFICE |
| E-FTV 1,2,3 | EXISTING | 2 | 20/1 | 13 | Α | 14 | 20/1 | 2 | EXISTING | R-DED. SAVING OFFICE |
| E-AHU-2 | EXISTING | 2 | 20/2 | 15 | В | 16 | 20/1 | 2 | EXISTING | R-RECEPTION |
| * | EXISTING | 2 | * | 17 | С | 18 | 20/1 | 2 | EXISTING | R-ATM LOBBY |
| R-LOAN ROOM | EXISTING | 2 | 20/1 | 19 | Α | 20 | 20/1 | 2 | | R-LOAN ASSISTANCE |
| R-DED. LOAN ROOM | EXISTING | 2 | 20/1 | 21 | В | 22 | 20/1 | 2 | EXISTING | R-COPIER |
| R-DED SECURITY OFFICE | EXISTING | 2 | 20/1 | 23 | С | 24 | 20/1 | 2 | EXISTING | R-WEST CONF ROOM |
| R-SECURITY OFFICE | EXISTING | 2 | 20/1 | 25 | A | 26 | 20/1 | 2 | EXISTING | R-EAST CONF ROOM |
| R-MANAGER'S OFFICE | EXISTING | 2 | 20/1 | 27 | В | 28 | 20/1 | 2 | EXISTING | R-TELLER LINE |
| R-TELLER WORK AREA | EXISTING | 2 | 20/1 | 29 | С | 30 | 20/1 | 2 | EXISTING | R-TELLER LINE |
| R-TELLER WORK AREA | EXISTING | 2 | 20/1 | 31 | Α | 32 | 20/1 | 2 | EXISTING | R-DRIVE-UP |
| R-DRIVE-UP TELLER | EXISTING | 2 | 20/1 | 33 | В | 34 | 20/1 | 2 | EXISTING | R-DRIVE-UP |
| R-DRIVE-UP TELLER | EXISTING | 2 | 20/1 | 35 | С | 36 | 20/1 | 2 | EXISTING | R-DRIVE-UP |
| R-SAVINGS COUNTER AND VAULT | EXISTING | 2 | 20/1 | 37 | Α | 38 | 20/1 | 2 | EXISTING | R-LUNCHROOM |
| R-PRINTER | 1800 | 1 | 20/1 | 39 | В | 40 | 20/1 | 2 | EXISTING | SPARE |
| E-VAV UNITS | EXISTING | 2 | 20/1 | 41 | С | 42 | 20/1 | 2 | EXISTING | R-DATA POWER BOARD |
| SPARE | EXISTING | 2 | | 43 | A | 44 | 20/1 | 2 | EXISTING | R-UPSTAIRS CUBICLES |
| R-FRONT DOOR | EXISTING | 2 | 20/1 | 45 | В | 46 | 20/1 | 2 | | R-UPSTAIRS CUBICLES |
| R-FRONT DOOR | EXISTING | 2 | 20/1 | 47 | С | 48 | 20/1 | 1 | | L-SECOND FLOOR OPEN OFFICE |
| R-2ND FLOOR LOBBY | 720 | | 20/1 | 49 | A | 50 | 20/1 | | | R-2ND FLOOR PRINTER |
| R-2ND FLOOR HALLWAY | 720 | | 20/1 | 51 | В | 52 | 20/1 | | | R-2ND FLOOR PRODUCTION |
| R-2ND FLOOR HALLWAY / STORAGE | 540 | | 20/1 | 53 | С | 54 | 20/1 | | 540 | R-MDF ROOM |
| R-2ND FLOOR CONFERENCE ROOM | 360 | | 20/1 | 55 | Α | 56 | 20/1 | | | R-MDF ROOM |
| R-2ND FLOOR CONF. FLOOR | 360 | | 20/1 | 57 | В | 58 | 20/1 | | | R-OPEN OFFICE |
| R-2ND FLOOR CONF. TV | 500 | | 20/1 | 59 | C | 60 | 20/1 | | | R-OPEN OFFICE |
| R-2ND FLOOR OFFICE | 900 | | 20/1 | 61 | A | 62 | 20/1 | | | R-OPEN OFFICE |
| R-2ND FLOOR OFFICE | 900 | | 20/1 | 63 | В | 64 | 20/1 | | | K-2ND FLOOR REFRIGERATOR |
| R-2ND FLOOR SMALL CONF. | 720 | | 20/1 | 65 | C | 66 | 20/1 | | | K-2ND FLOOR MICROWAVE |
| R-2ND FLOOR SMALL CONF. FLOOR | 360 | | 20/1 | 67 | A | 68 | 20/1 | | | K-2ND FLOOR DISPOSAL |
| R-WELLNESS / PHONE ROOM | 540 | | 20/1 | 69 | В | 70 | 20/1 | | | K-2ND FLOOR DISHWASHER |
| E-BBR-1 | 756 | | 20/1 | 71 | C | 72 | 20/1 | | | R-BREAK ROOM ABOVE COUNTER |
| E-BBR-2 | 756 | | 20/1 | 73 | A | 74 | 20/1 | | | R-BREAK ROOM ABOVE COUNTER |
| E-BBR-3 | 756 | | 20/1 | 75 | В | 76 | 20/1 | | .30 | SPACE SPACE |
| E-IDU/ODU-1 | 1664 | | 20/2 | 77 | C | 78 | 20/1 | | | SPACE |
| * | 1664 | | * | 79 | A | 80 | | | | SPACE |
| SPACE | .551 | | | 81 | В | 82 | | | | SPACE |
| SPACE | | | | 83 | C | 84 | | | | SPACE |
| | | | | | | | | | | |
| LOAD TYPE LOAD IN VA | FACTOR | DIV LOAD | | | | | 18461 | TOTAL VA | | REMARKS: |
| RECEPT 21356 | NEC | 15678 | 1 | | | | 62504 | 77.2% | SPARE | 1. NEW LOADS WITHIN EXISTING PANE |
| LIGHTING 995 | | 1244 | 4 | | | | | VA (W/ CONTIN | | CONTRACTOR SHALL FIELDVERIFY |
| EQUIP 0 | | 0 | 1 | | | | | MIN. FEEDER A | | CIRCUIT LOAD AND CONDITIONS PRIO |
| | - | | _ | | | | | | | TO ROUGH IN. CONTACT ENGINEER |
| KITCHEN 2750 | | 1788 | - | | | | | A-PHASE LOAD | | IMMEDIATELY FOR ANY DISCREPANCII |
| MISC 0 | - | 0 | 1 | | | | | B-PHASE LOAD | | 2. LOADS EXISTING TO REMAIN. |
| NONCONC. 0 | | 0 | 1 | | | | | C-PHASE LOAD | | 3.EXISTING CIRCUIT, REVISED LOCATION |
| MOTOR 0 1 | | 0 | FXISTIN | G AND NEW | / Ι ΟΔΓ | OS COMBIN | CONTRACTOR SHALL REMOVE AND | | | |
| WIGTOR | | | | | | | | OADED IN WOR | • | RECONNECT CIRCUIT. |

Galloway

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Date Issue/Description
O7/30/2024 ISSUE FOR PERMIT

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ONE-LINE DIAGRAM

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NONCONC

MOTOR LMOTOR