

SITE VICINITY MAP



PROJECT DATA

| | |
|--------------------|---------------|
| SITE AREA | 190.48 ACRES |
| PARCEL NUMBER | 2074188132132 |
| GROSS FLOOR TOTAL | 46,400 SF |
| MAIN FLOOR | 35,900 SF |
| SECOND FLOOR | 10,500 SF |
| OCCUPANCY GROUP: | B, F-2 |
| CONSTRUCTION TYPE: | TYPE III-B |

SAN JUAN COUNTY INDUSTRIAL PARK

161 RD 1130
LA PLATA, NEW MEXICO 87418



564 E. SECOND AVE, STE. 201
DURANGO, CO 81301
(970) 259-7004
FAX (970) 259-7492

302 PAGORA STREET, STE. 200
P.O. BOX 96
PAGORA SPRINGS, CO 81447

RA-AE-COM

REYNOLDS ASH + ASSOCIATES, P.C. EXPRESSLY RESERVES THE COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE REPRODUCED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO THE ORIGINAL FEDERAL LAW. PROHIBITS THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF RA+A ARCHITECTS, P.C.

ABBREVIATIONS

| | | | |
|-----------|---|--------|-------------------------|
| AB. | ANCHOR BOLT | I.D. | INSIDE DIAMETER |
| ACT | ACOUSTICAL CEILING TILE | INSUL. | INSULATION |
| A.F.F. | ABOVE FINISHED FLOOR | INT. | INTERIOR |
| AGGR. | AGGREGATE | JAN. | JANITOR |
| AL. | ALUMINUM | JNT. | JOINT |
| ALT. | ALTERNATE | JST. | JOIST |
| APPROX. | APPROXIMATE | KIT. | KITCHEN |
| ARCH. | ARCHITECTURAL | | |
| BD. | BOARD | LAB. | LABORATORY |
| BLDG. | BUILDING | LAM. | LAMINATE |
| BLK. | BLOCK | LAV. | LAVATORY |
| BLK.G. | BLOCKING | LT. | LIGHT |
| BM. | BEAM | | |
| BOT. | BOTTOM | MAX. | MAXIMUM |
| BTWN. | BETWEEN | MECH. | MECHANICAL |
| B.U.R. | BUILT UP ROOFING | MEMB. | MEMBRANE |
| B.V. | BOTH WAYS | MFR. | MANUFACTURER |
| | | M.H. | MANHOLE |
| C.J. | CONTROL JT. | MIN. | MINIMUM |
| CLS. | CEILING | MISG. | MISCELLANEOUS |
| CLK.G. | CAULKING | M.O. | MASONRY OPENING |
| CLR. | CLEAR | MTL. | METAL |
| C.M.U. | CONCRETE MASONRY UNIT | MUL. | MULLION |
| COL. | COLUMN | | |
| CONC. | CONCRETE | N. | NORTH |
| CONN. | CONNECTION | N.I.C. | NOT IN CONTRACT |
| CONSTR. | CONSTRUCTION | NO. | NUMBER |
| CONT. | CONTINUOUS | NOM. | NOMINAL |
| C.T. | CERAMIC TILE | N.T.S. | NOT TO SCALE |
| C.O.A. | CENTER OF ARCH | | |
| | | O.C. | ON CENTER |
| DEG. | DEGREE | O.D. | OUTSIDE DIAMETER |
| DET. DTL. | DETAIL | OH. | OVERHEAD |
| D.F. | DRINKING FOUNTAIN | OP. | OPENING |
| DIAG. | DIAGONAL | OPF. | OPPOSITE |
| DIAM. | DIAMETER | | |
| DN. | DOWN | P.C.T. | PRE-CAST |
| DN.S. | DOWNSPOUT | P.L. | PROPERTY LINE |
| DNS. | DRAINING | P.LAM. | PLASTIC LAMINATE |
| | | PLAS. | PLASTER |
| E | EAST | PLYD. | PLYWOOD |
| (E) | EXISTING | FR. | FAIR |
| EA. | EACH | | |
| E.I. | EXPANSION JOINT | Q.T. | QUARRY TILE |
| E.F.S. | EXTERIOR INSULATION AND FINISH SYSTEM | | |
| EL/ELEV. | ELEVATION | R. | RISER |
| ELEC. | ELECTRICAL | R.D. | ROOF DRAIN |
| ELEV. | ELEVATION | RE. | REFER TO |
| EMER. | EMERGENCY | REFR. | REFRIGERATOR |
| ENCL. | ENCLOSURE | REIN. | REINFORCED |
| EQ. | EQUAL | REQD. | REQUIRED |
| EQUIP. | EQUIPMENT | RM. | ROOM |
| E.N. | EACH WAY | R.O. | ROUGH OPENING |
| E.P.C. | ELECTRIC WATER COOLER | | |
| EXP. | EXPANSION | S | SOUTH |
| EXT. | EXTERIOR | S.C. | SOLID CORE |
| | | SCHED. | SCHEDULE |
| F.A. | FIRE ALARM | SECT. | SECTION |
| F.D. | FLOOR DRAIN | S.F. | SQUARE FOOT |
| F.D.C. | FIRE DEPARTMENT CONNECTION | SHT. | SHEET |
| FDN. | FOUNDATION | SM. | SIMILAR |
| F.E. | FIRE EXTINGUISHER | S.P. | SPRINGS POINT |
| F.E.C. | FIRE EXTINGUISHER CABINET | SPEC. | SPECIFICATION |
| F.F. | FRESH FLOOR | SQ. OR | SQUARE |
| F.H.C. | FIRE HOSE CABINET | S.S. | STAINLESS STEEL |
| FIN. | FINISH | SEE | SEE STRUCTURAL DRAWINGS |
| FL. | FLOOR LINE | S.S.D. | STAGGERED |
| FLR. | FLOOR | STD. | STANDARD |
| FLUOR. | FLUORESCENT | STIFF. | STIFFENER |
| FND. | FOUNDATION | STL. | STEEL |
| F.O.B. | FACE OF BRICK | STRUC. | STRUCTURAL |
| F.O.C. | FACE OF CONCRETE | SUSP. | SUSPENDED |
| F.S. | FULL SIZE | | |
| FT. | FOOT OR FEET | TR. | TREAD |
| FTG. | FOOTING | T & B | TOP AND BOTTOM |
| FURR. | FURRING | TER. | TERRAZZO |
| | | T & G | TONGUE & GROOVE |
| G.A. | GAUGE | THK. | THICK |
| GALV. | GALVANIZED | T.O. | TOP OF |
| G.C. | GENERAL CONTRACTOR | T.S. | TUBE STEEL |
| G.L. | GLASS | TYF. | TYPICAL |
| GR. | GRADE | | |
| GYP. | GYPSON | U.O. | UNLESS NOTED OTHERWISE |
| GYP. BD. | GYPSON BOARD | | |
| H.B. | HOSE BIBB | VCT | VINYL COMPOSITION TILE |
| H.C. | HOLLOW CORE | VER. | VERIFY |
| H/C | HANDICAPPED | VERT. | VERTICAL |
| H/AD. | HARDWOOD | | |
| HWK. | HARDWARE | W | WEST |
| H.M. | HOLLOW METAL | W. | WITH |
| HORIZ. | HORIZONTAL | W.C. | WATER CLOSET |
| HR. | HOUR | W.D. | WOOD |
| HT. | HEIGHT | W/O | WITHOUT |
| HVAC | HEATING, VENTILATION AND AIR CONDITIONING | W. | WITHOUT |

NOTE: Clarify with Architect any abbreviations not listed. Some abbreviations on list may not be used in project.

GENERAL NOTES:

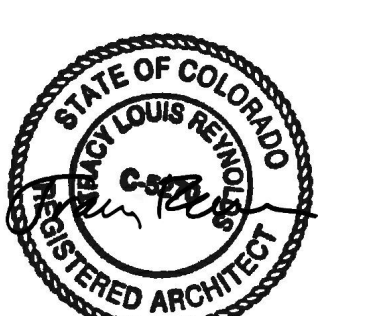
- APPLICABLE CODES:**
 - 2015 NM COMMERCIAL & RESIDENTIAL BUILDING CODE
 - 2015 INTERNATIONAL RESIDENTIAL CODE
 - 2015 INTERNATIONAL BUILDING CODE
 - 2015 INTERNATIONAL EXISTING BUILDINGS CODE
 - 2015 NEW MEXICO ENERGY CONSERVATION CODE / 2015 IECC
 - ICC/ANSI A117.1-2009 ACCESSIBILITY
 - 2021 NM PLUMBING AND MECHANICAL CODE
 - 2021 UNIFORM MECHANICAL CODE
 - 2021 UNIFORM PLUMBING CODE
 - 2015 INTERNATIONAL FIRE CODE
 - 2017 NATIONAL ELECTRICAL CODE
 - 2011 NM ELECTRICAL CODE
 - 2012 UNIFORM SOLAR ENERGY CODE
 - 2017 NFPA 55
 - 2015 NFPA 94
- GENERAL REQUIREMENTS:**
 - A. SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON DRAWINGS AT THE JOB SITE AND SHALL NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS BEFORE PROCEEDING WITH THE JOB.
 - B. ANY CHANGE WHICH RESULTS IN EXTRA COST SHALL NOT PROCEED WITHOUT WRITTEN AUTHORIZATION BY THE OWNER.
 - C. SUBCONTRACTOR MUST COMPLY WITH ALL RULES AND REGULATIONS OF AGENCIES HAVING JURISDICTION AND SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL CONSTRUCTION, SAFETY, AND SANITARY LAWS, CODES, STATUTES AND ORDINANCES.
 - D. ALL WORK SHALL BE PERFORMED BY SKILLED AND QUALIFIED WORKMEN IN ACCORDANCE WITH THE BEST PRACTICES OF THE TRADES INVOLVED. EACH TRADE WILL PROCEED IN A FASHION THAT WILL NOT DELAY THE TRADES WORKING SIMULTANEOUSLY OR FOLLOWING THEM.
 - E. ALL WORK AND MATERIALS SHALL BE GUARANTEED AGAINST DEFECTS FOR A PERIOD OF AT LEAST ONE (1) YEAR FROM APPROVAL FOR FINAL PAYMENT.
- PROJECT LAYOUT REQUIREMENTS:**
 - A. DO NOT SCALE DRAWINGS - DIMENSIONS GOVERN. LARGER SCALE DRAWINGS SHALL GOVERN SMALLER SCALE DRAWINGS.
 - B. DIMENSIONING IS AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - CENTERLINE OF COLUMNS
 - FACE OF CONCRETE
 - FACE OF MASONRY
 - EXTERIOR FACE OF STUD AT EXTERIOR WALLS
 - FACE OF STUD AT INTERIOR STUD WALLS
 - CENTER OF WINDOW AND DOOR OPENINGS

ALTERNATES LIST:

- REPLACE RTU WITH LARGER UNIT
- REPLACE RTU WITH DIFFERENT VOLTAGE UNIT
- REPLACE HIGH-BAY LIGHTING
- AUTOMATIC DOOR OPENER
- REPLACE WATER HEATERS

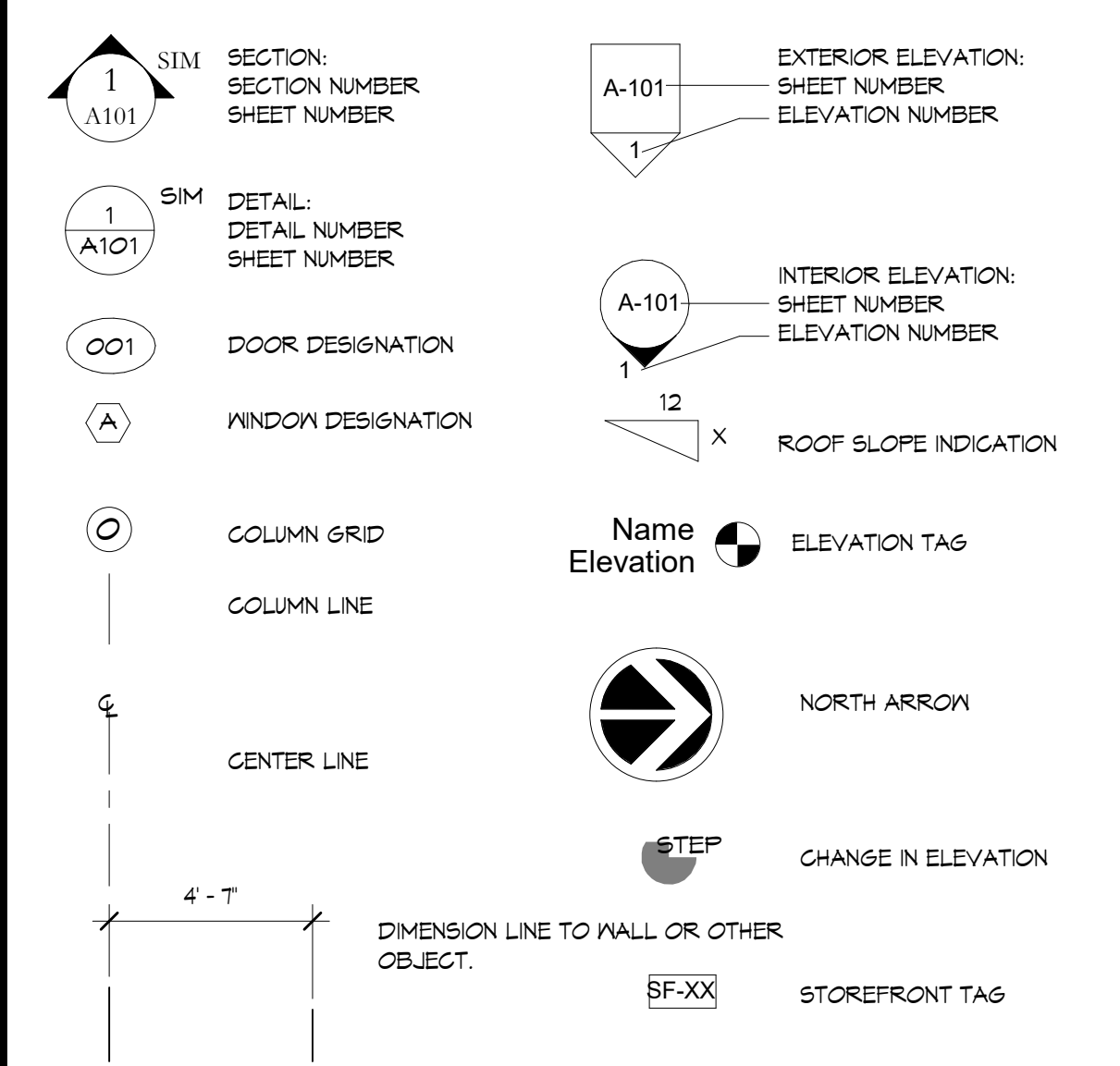
DRAWINGS INDEX:

| | |
|--------|---|
| G-101 | COVER SHEET |
| G-102 | CODE PLAN |
| AS-101 | SITE PLAN- OVERALL |
| A-101 | MAIN FLOOR PLAN |
| A-102 | UPPER LEVEL FLOOR PLAN |
| A-103 | ROOF PLAN |
| A-201 | EXTERIOR ELEVATIONS |
| A-202 | EXTERIOR ELEVATIONS |
| A-301 | FIRST FLOOR REFLECTED CEILING PLAN |
| A-302 | UPPER FLOOR REFLECTED CEILING PLAN |
| A-401 | DOOR & WINDOW SCHEDULES |
| A-501 | INTERIOR ELEVATIONS |
| P100 | PLUMBING SITE PLAN |
| P101 | PLUMBING PLAN 1ST FLOOR |
| P102 | PLUMBING PLAN 2ND FLOOR |
| P601 | PLUMBING LEGEND NOTES AND DETAILS |
| M101 | MECHANICAL PLAN 1ST FLOOR |
| M102 | MECHANICAL PLAN 2ND FLOOR |
| M601 | MECHANICAL LEGEND NOTES AND DETAILS |
| E100 | ELECTRICAL SITE PLAN |
| ED101 | ELECTRICAL LIGHTING DEMOLITION PLAN - 1ST FLOOR |
| ED102 | ELECTRICAL LIGHTING DEMOLITION PLAN - 2ND FLOOR |
| EL101 | ELECTRICAL LIGHTING PLAN - 1ST FLOOR |
| EL102 | ELECTRICAL LIGHTING PLAN - 2ND FLOOR |
| EM101 | ELECTRICAL CONNECTIONS PLAN - 1ST FLOOR |
| EM102 | ELECTRICAL CONNECTIONS PLAN - 2ND FLOOR |
| EE01 | ELECTRICAL LEGEND NOTES AND DETAILS |



7/7/2023 1:16:14 PM

ARCHITECTURAL SYMBOLS



SAN JUAN COUNTY INDUSTRIAL PARK
161 RD 1130
LA PLATA, NEW MEXICO 87418

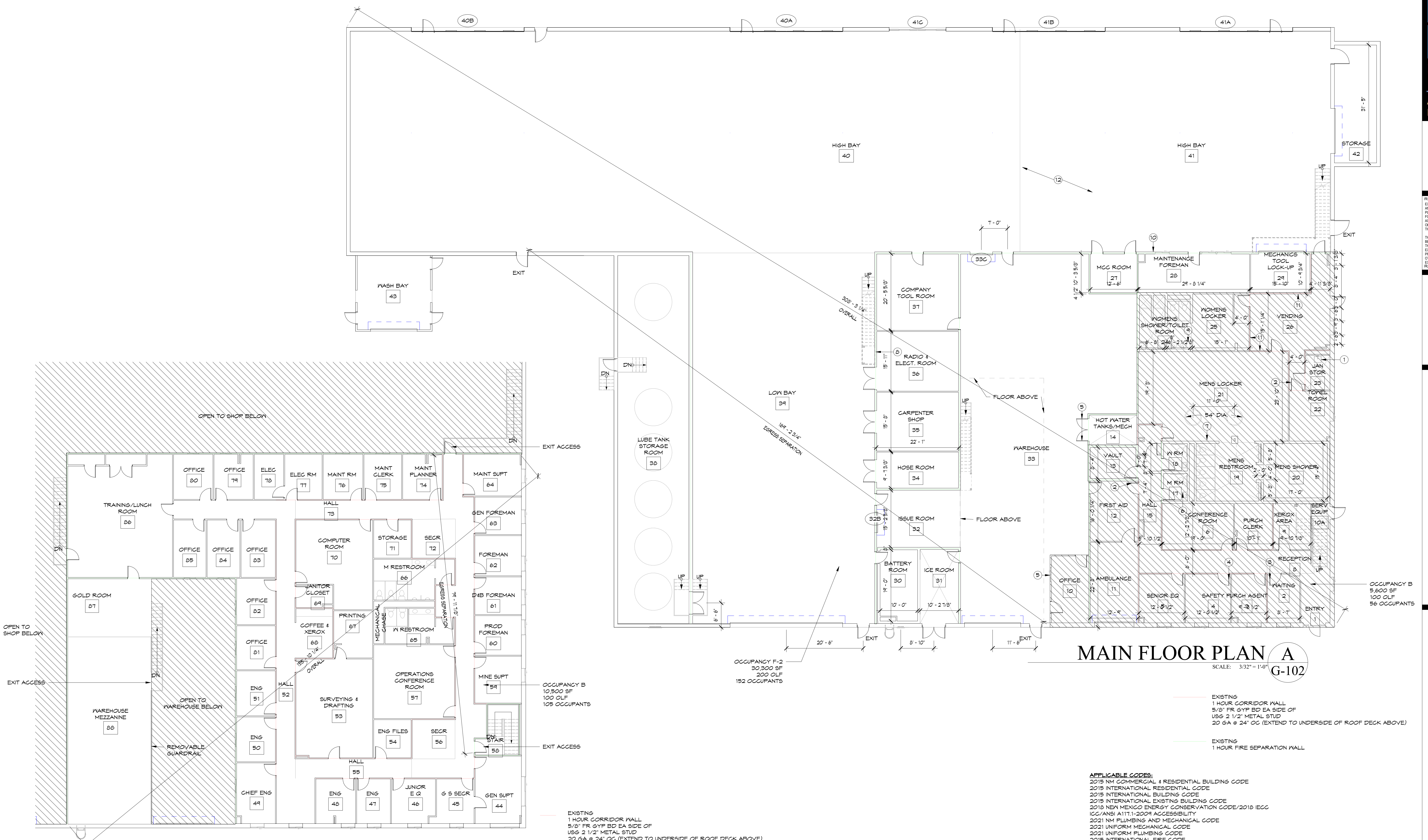
JOB NO.: 22261
DATE: 2023-05-15
DRAWN BY: RA+A

ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

REVISIONS:

G-101
COVER SHEET

PRINT DATE: 7/7/2023 1:16:14 PM



MAIN FLOOR PLAN A
 SCALE: 3/32" = 1'-0"
G-102

UPPER LEVEL FLOOR PLAN B
 SCALE: 3/32" = 1'-0"
G-102

- EXISTING
1 HOUR CORRIDOR WALL
5/8" FR. GYP. BD. EA. SIDE OF
USG 2 1/2" METAL STUD
20 GA @ 24" OC (EXTEND TO UNDERSIDE OF ROOF DECK ABOVE)
- EXISTING
1 HOUR FIRE SEPARATION WALL
5/8" FR. GYP. BD. EA. SIDE OF
USG 3 5/8" METAL STUD
20 GA @ 24" OC

- APPLICABLE CODES:**
- 2015 NM COMMERCIAL & RESIDENTIAL BUILDING CODE
 - 2015 INTERNATIONAL RESIDENTIAL CODE
 - 2015 INTERNATIONAL BUILDING CODE
 - 2015 INTERNATIONAL EXISTING BUILDING CODE
 - 2015 NEW MEXICO ENERGY CONSERVATION CODE/2015 IECC
 - ICC/ANSI A117.1-2009 ACCESSIBILITY
 - 2021 NM PLUMBING AND MECHANICAL CODE
 - 2021 UNIFORM MECHANICAL CODE
 - 2021 UNIFORM PLUMBING CODE
 - 2015 INTERNATIONAL FIRE CODE
 - 2017 NATIONAL ELECTRIC CODE
 - 2017 NM ELECTRICAL CODE
 - 2012 UNIFORM SOLAR ENERGY CODE
 - 2011 NFPA 50
 - 2015 NFPA 54

INTERNATIONAL EXISTING BUILDING CODE CLASSIFICATION OF WORK:
 SECTION 503 REPAIRS - INCLUDE THE PATCHING OR RESTORATION OR REPLACEMENT OF DAMAGED MATERIALS, ELEMENTS, EQUIPMENT OR FIXTURES.

REPAIRS SECTION 502:
 THE BUILDING SHALL NOT BE REPAIRED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN THE EXISTING CONDITION.

REPAIRS:
 FIRE PROTECTION - REPAIR SHALL BE DONE IN A MANNER THAT MAINTAINS THE SAME LEVEL OF FIRE PROTECTION PROVIDED

MEANS OF EGRESS - REPAIR SHALL BE DONE IN A MANNER THAT MAINTAINS THE SAME LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS

ACCESSIBILITY - REPAIR SHALL BE DONE IN A MANNER THAT MAINTAINS THE SAME LEVEL OF ACCESSIBILITY PROVIDED

STRUCTURE - REPAIRS SHALL COMPLY WITH THE IBC

ELECTRICAL - MAY BE REPAIRED WITH LIKE MATERIAL

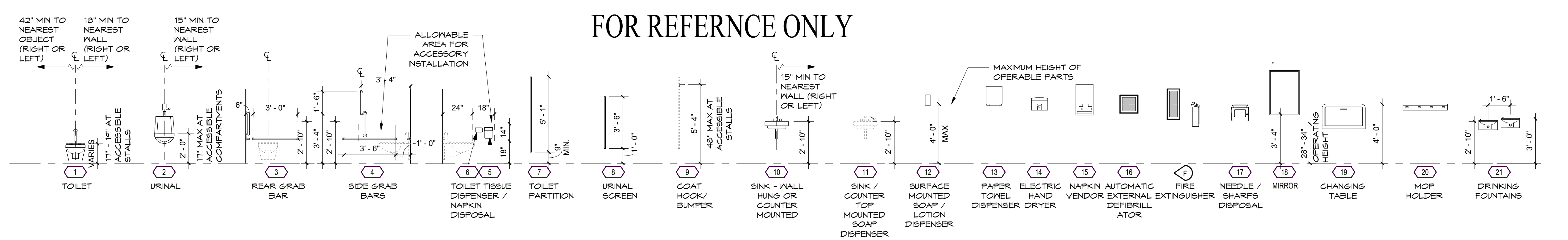
MECHANICAL - REPAIR SHALL BE DONE IN A MANNER THAT SHALL NOT MAKE THE BUILDING LESS CONFORMING

PLUMBING - MATERIALS AND SUPPLIES SHALL NOT BE USED FOR REPAIRS THAT ARE PROHIBITED IN THE IFC

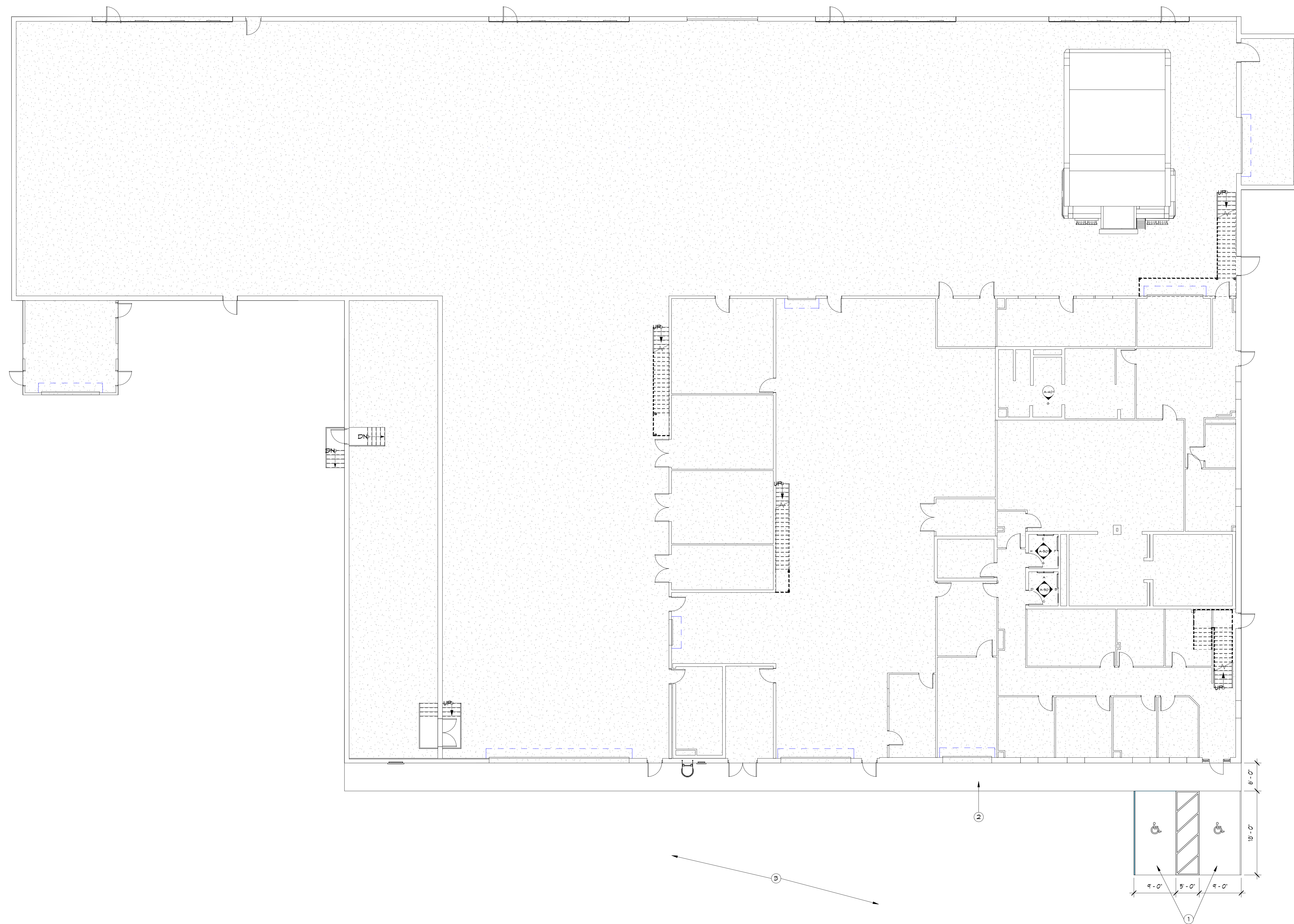
CONSTRUCTION CLASSIFICATION
 FACTORY - F-2
 BUSINESS - B

FIRE SEPARATION DISTANCE IS GREATER THAN 30' ON ALL SIDES
 CONFIRM EXISTING LOCATIONS AND PROVIDE FIREHOSE CABINETS PER IBC AND IFC REQUIREMENTS

FOR REFERENCE ONLY



TOILET ROOM ACCESSORY MOUNTING HEIGHTS
 SCALE: 1/4" = 1'-0"



ARCHITECTURAL SITE PLAN

SCALE: 1"=10'-0"

SITE PLAN KEY NOTES

- 1 NEW CONCRETE ADA PARKING STALL
- 2 EXISTING CONCRETE WALK WAY
- 3 GRAVEL



**REYNOLDS ASH
+ ASSOCIATES**
**ARCHITECTURE
ENGINEERING**

564 E. SECOND AVE., STE. 201
DURANGO, CO 81301
(970) 259-7094
FAX (970) 259-7492

202 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81147
RA-AE.COM



7/7/2023 1:16:15 PM

**SAN JUAN COUNTY INDUSTRIAL
PARK**
161 RD 1130
LA PLATA, NEW MEXICO 87418

JOB NO.: 22261
DATE: 2023-05-15
DRAWN BY: RA+A

ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

REVISIONS:

AS-101
SITE PLAN:
OVERALL

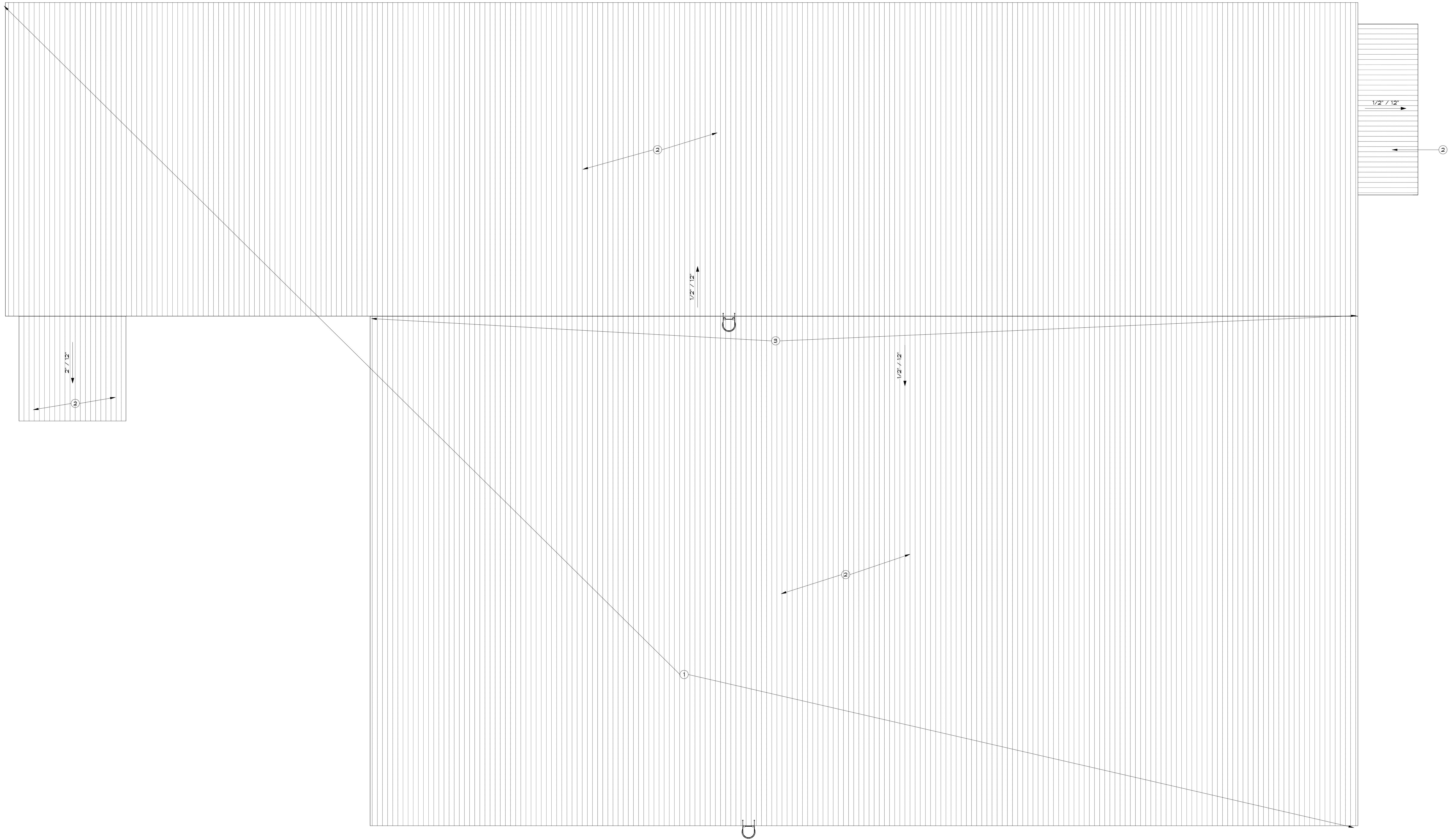
PRINT DATE: 7/7/2023 1:16:15 PM



7/7/2023 1:16:18 PM

ROOF PLAN KEY NOTES

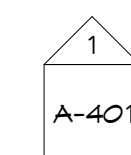
- 1 EVALUATE OVERALL ROOF CONDITION, PATCH
LEAKS @ ROOF VENTS & TRANSITIONS.
CONTRACTOR TO HOLD ALLOWANCE.
- 2 EXISTING FIRE FINISHED INSULATE 24 GA METAL
ROOF SYSTEM
- 3 KNOWN LEAK LOCATION, EVALUATE AND
REPAIR.



NORTH

ROOF PLAN

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



SAN JUAN COUNTY INDUSTRIAL
 PARK

161 RD 1130
 LA PLATA, NEW MEXICO 87418

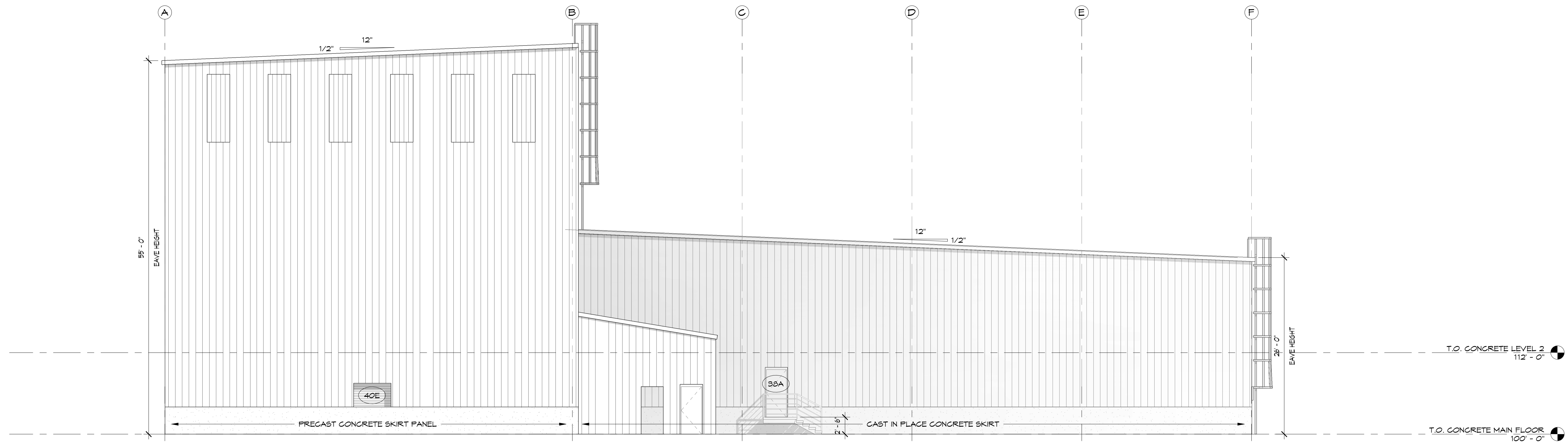
JOB. NO.: 22261
 DATE: 2023-05-15
 DRAWN BY: Author

ISSUE RECORD:
 2023-02-17 100% SD
 2023-03-31 DD
 2023-05-15 CD

REVISIONS:

A-103

ROOF PLAN



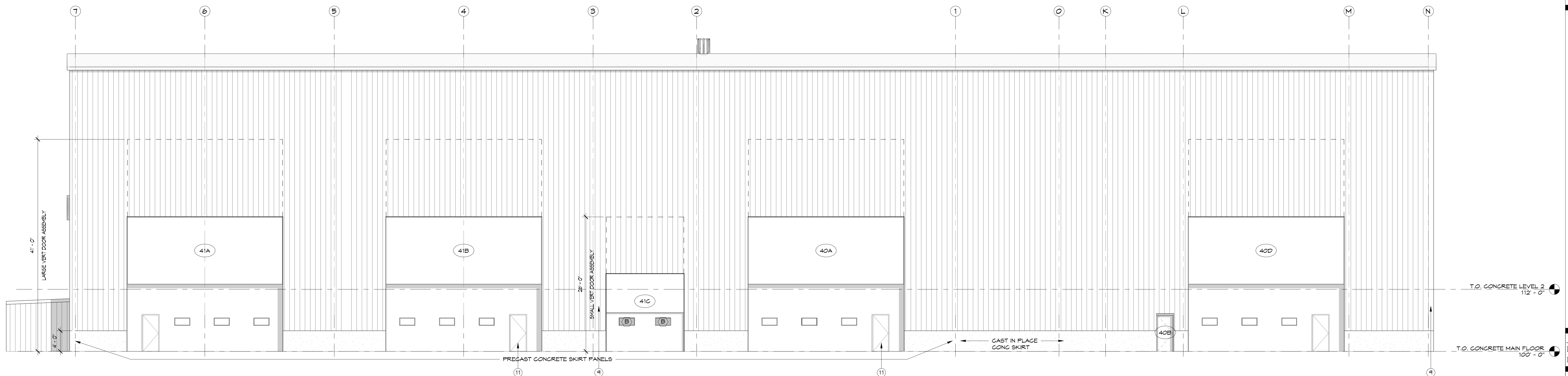
WEST ELEVATION A
 SCALE: 1/8" = 1'-0"
A-202

ELEVATION KEYNOTES

- 1 PAINT DOOR
- 2 REPLACE DOOR FRAME & GLASS
- 3 REMOVE THROUGH WALL, LINT & PATCH OPENING
- 4 REPLACE EXTERIOR LIGHTS, SEE MEP
- 5 REPLACE GLASS
- 6 NEW DOOR W/ SIDE LITES
- 7 PATCH & RE-INSULATE HOLES IN EXTERIOR WALLS
- 8 BASIS OF DESIGN: REPLACE GLASS. CONTRACTOR TO EVALUATE IF DOOR REPLACEMENT FEASIBLE. IF NOT PROVIDE NEW DOOR & FRAME
- 9 NEW DOWNSPOUT OR PORTION OF DOWNSPOUT
- 10 REPLACE DOOR & FRAME
- 11 REPLACE MAN DOOR, OVERHEAD DOOR TO REMAIN UN-CHANGED
- 12 INFILL DOOR

GENERAL ELEVATION NOTES

- A. PROVIDE SPLASH PADS @ ALL DOWNSPOUTS
- B. WASH BAY NOT IN SCOPE OF WORK
- C. EXTERIOR CLADDING - PREFINISHED INSULATED 26 GA METAL WALL PANEL SIDING
- D. ANY NEW PATCHWORK OR INFILL TO MATCH EXISTING BUILDING TYPE II-B CONSTRUCTION AND CLADDING



NORTH ELEVATION B
 SCALE: 1/8" = 1'-0"
A-202

SAN JUAN COUNTY INDUSTRIAL PARK

161 RD 1130
 LA PLATA, NEW MEXICO 87418

JOB NO.: 22261
 DATE: 2023-05-15
 DRAWN BY: RA+AA

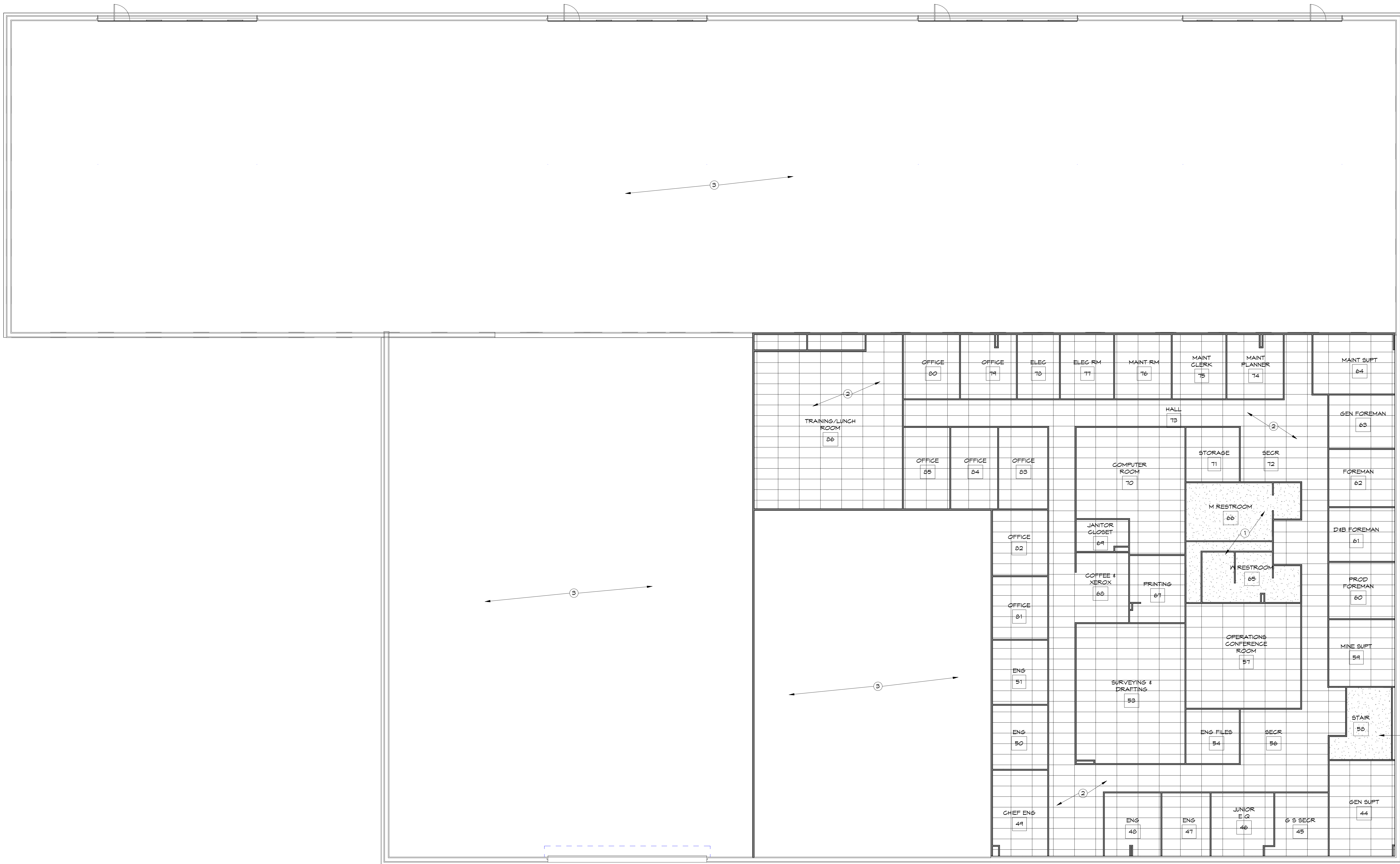
ISSUE RECORD:
 2023-02-17 100% SD
 2023-03-31 DD
 2023-05-15 CD

REVISIONS:

A-202
 EXTERIOR ELEVATIONS



7/7/2023 1:16:31 PM



UPPER FLOOR RCP
 SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN KEY NOTES

- 1 GYPSUM BOARD CEILING
- 2 DROPPED ACOUSTIC TILE CEILING, ARMSTRONG 769A
- 3 OPEN TO STRUCTURE ABOVE

SAN JUAN COUNTY INDUSTRIAL
 PARK

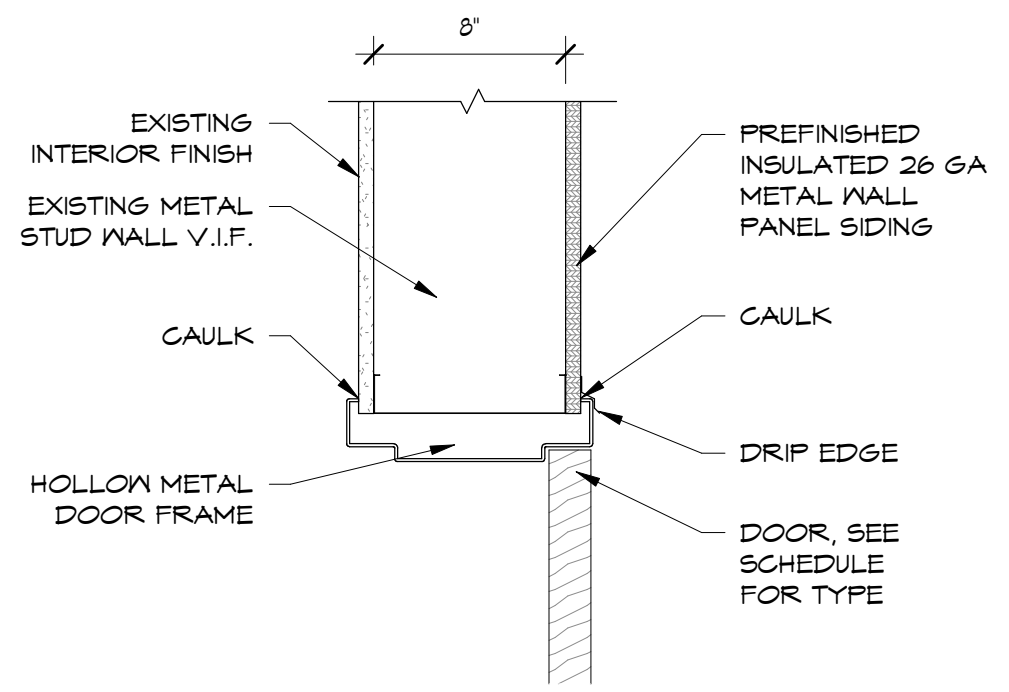
161 RD 1130
 LA PLATA, NEW MEXICO 87418

JOB NO.: 22261
 DATE: 2023-05-15
 DRAWN BY: Author

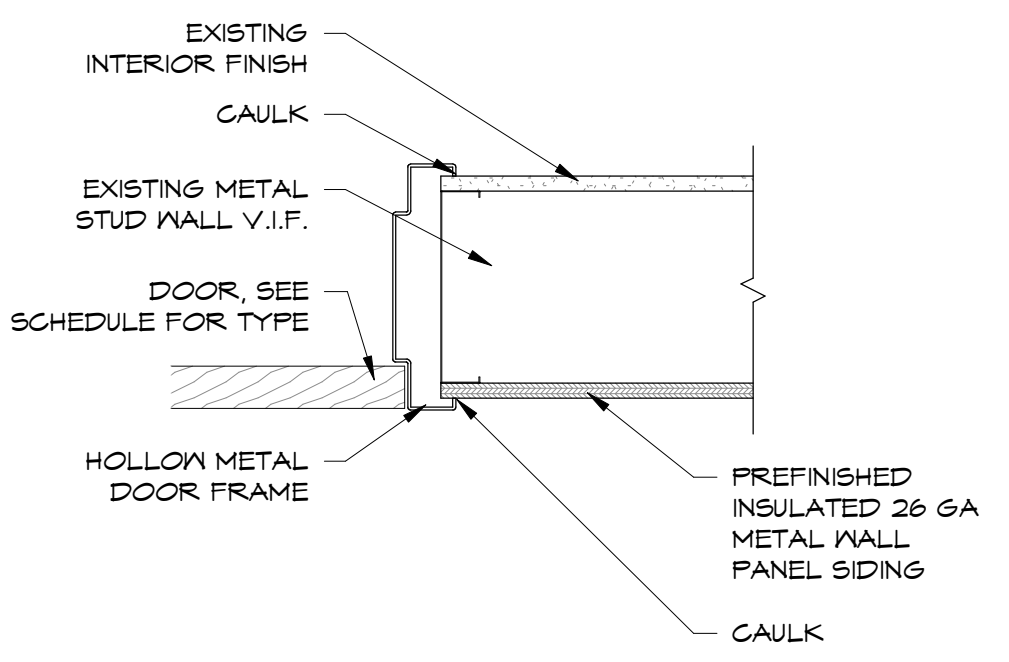
ISSUE RECORD:
 2023-02-17 100% SD
 2023-03-31 DD
 2023-05-15 CD

REVISIONS:

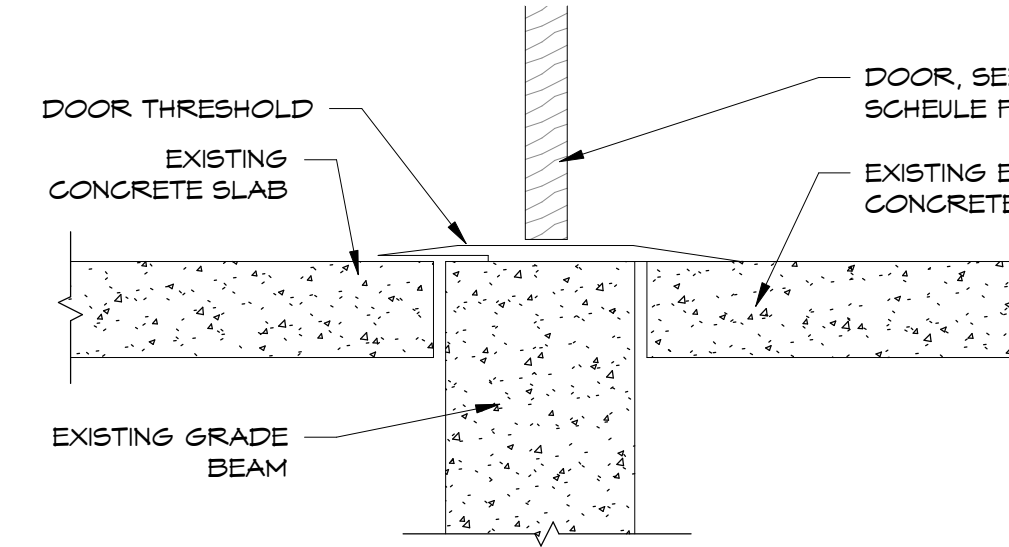
A-302
 UPPER FLOOR
 REFLECTED
 CEILING PLAN



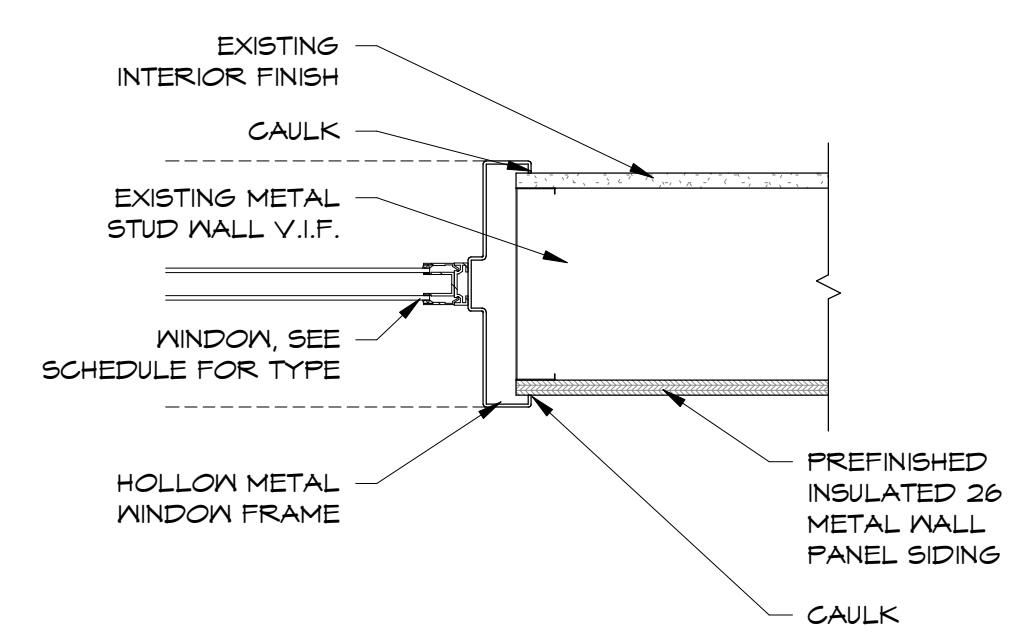
TYP EXT. DOOR HEADER A-401
SCALE: 1/2" = 1'-0"



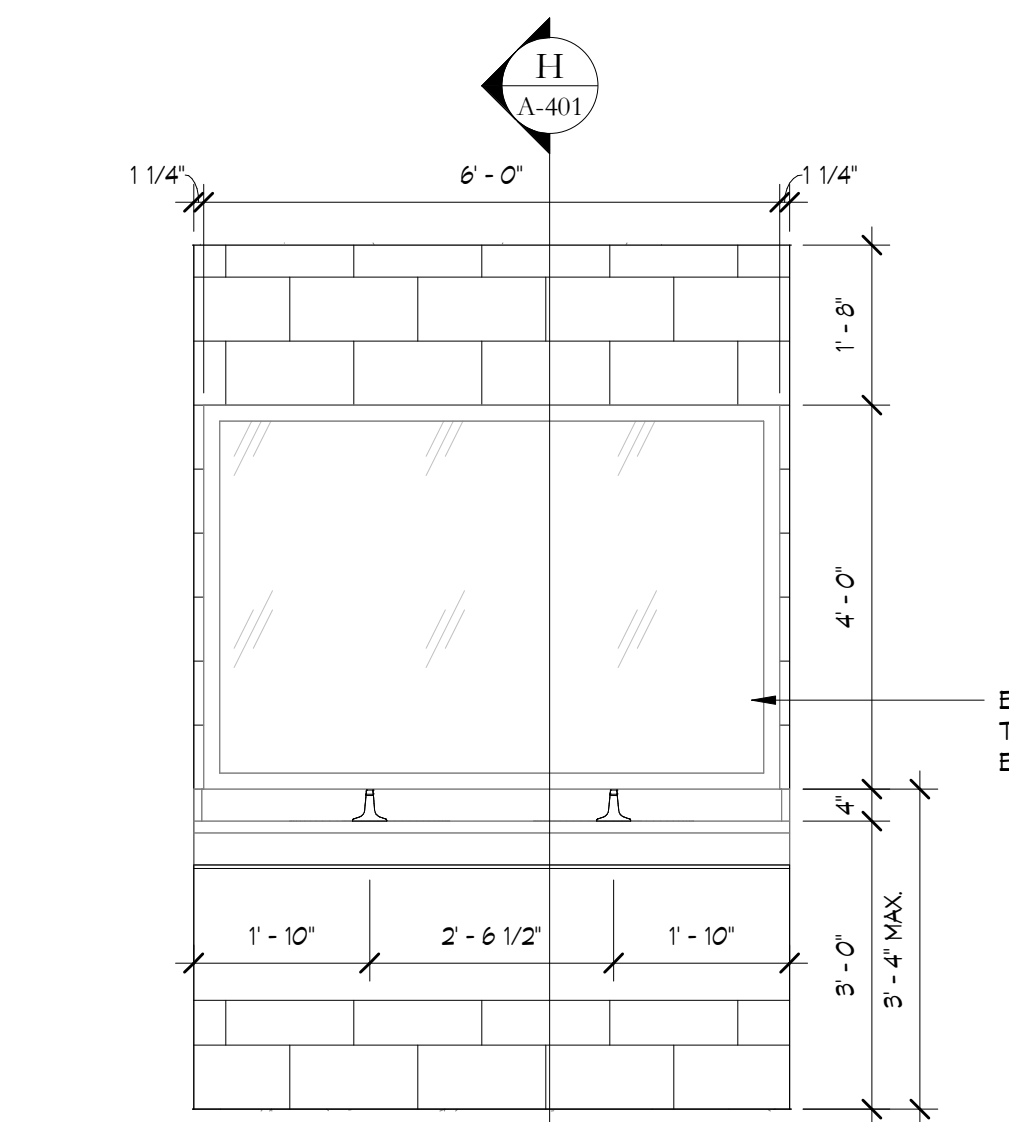
TYP EXT. DOOR JAMB B-401
SCALE: 1/2" = 1'-0"



TYP EXT. DOOR SILL C-401
SCALE: 1/2" = 1'-0"



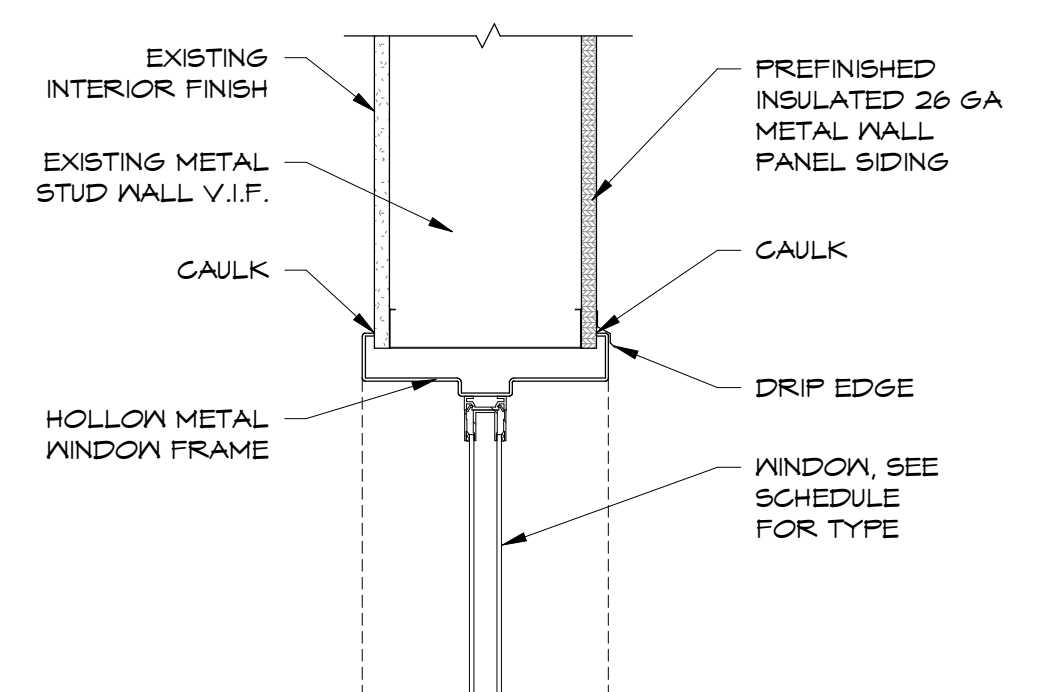
TYP EXT. WINDOW JAMB E-401
SCALE: 1/2" = 1'-0"



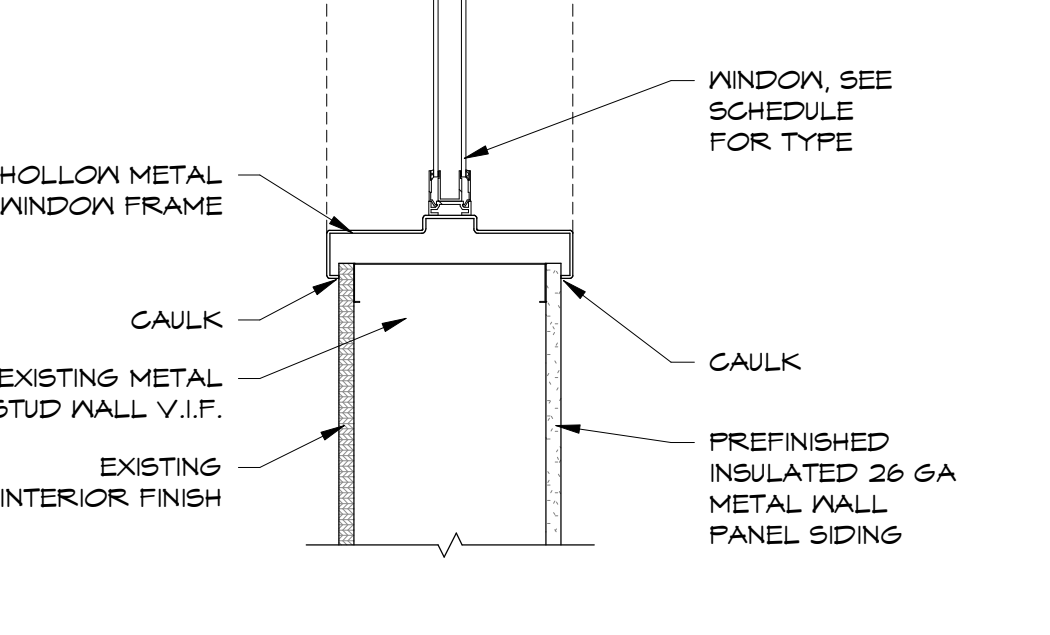
INTERIOR ELEVATION G-401
SCALE: 1/2" = 1'-0"

| Type Mark | Width | Height | Type Comments | Comments |
|-----------|-------|--------|---------------|----------------|
| A | 3'-4" | 3'-10" | SLIDER | |
| AA | 3'-8" | 3'-8" | SLIDER | |
| B | 3'-8" | 3'-8" | SLIDER | |
| BB | 3'-8" | 3'-8" | SLIDER | |
| C | 3'-4" | 3'-10" | SLIDER | |
| CC | 3'-8" | 3'-8" | SLIDER | |
| D | 3'-4" | 3'-10" | SLIDER | |
| DD | 3'-8" | 3'-8" | SLIDER | |
| E | 3'-4" | 3'-10" | SLIDER | |
| EE | 3'-8" | 3'-8" | SLIDER | |
| F | 3'-4" | 3'-10" | SLIDER | REPLACE WINDOW |
| FF | 3'-8" | 3'-8" | SLIDER | REPLACE WINDOW |
| G | 3'-4" | 3'-10" | SLIDER | |
| GG | 3'-8" | 3'-8" | SLIDER | |
| H | 3'-4" | 3'-10" | SLIDER | |
| HH | 3'-8" | 3'-8" | SLIDER | |
| J | 3'-4" | 3'-10" | SLIDER | |
| JJ | 3'-8" | 3'-8" | SLIDER | |
| K | 3'-4" | 3'-10" | SLIDER | |
| KK | 3'-8" | 3'-8" | SLIDER | REPLACE WINDOW |
| L | 3'-4" | 3'-10" | SLIDER | |
| LL | 3'-8" | 3'-8" | SLIDER | |
| M | 3'-4" | 3'-10" | SLIDER | |
| MM | 3'-8" | 3'-8" | SLIDER | |
| N | 3'-4" | 3'-10" | SLIDER | |
| NN | 3'-8" | 3'-8" | SLIDER | |
| O | 3'-4" | 3'-10" | SLIDER | |
| OO | 3'-8" | 3'-8" | SLIDER | |
| P | 3'-4" | 3'-10" | SLIDER | |
| PP | 3'-8" | 3'-8" | SLIDER | |
| Q | 3'-4" | 3'-10" | SLIDER | |
| QQ | 3'-8" | 3'-8" | SLIDER | |
| R | 3'-4" | 3'-10" | SLIDER | |
| RR | 3'-8" | 3'-8" | SLIDER | |
| S | 3'-4" | 3'-10" | SLIDER | |
| SS | 3'-8" | 3'-8" | SLIDER | |
| T | 3'-4" | 3'-10" | SLIDER | |
| TT | 3'-8" | 3'-8" | SLIDER | |
| U | 3'-4" | 3'-10" | SLIDER | |
| UU | 3'-8" | 3'-8" | SLIDER | |
| V | 3'-4" | 3'-10" | SLIDER | |
| VV | 3'-8" | 3'-8" | SLIDER | |
| W | 3'-4" | 3'-10" | SLIDER | |
| WW | 3'-8" | 3'-8" | SLIDER | |
| X | 3'-4" | 3'-10" | SLIDER | REPLACE WINDOW |
| XX | 3'-8" | 3'-8" | SLIDER | REPLACE WINDOW |
| Y | 3'-4" | 3'-10" | SLIDER | REPLACE WINDOW |
| YY | 3'-8" | 3'-8" | SLIDER | REPLACE WINDOW |

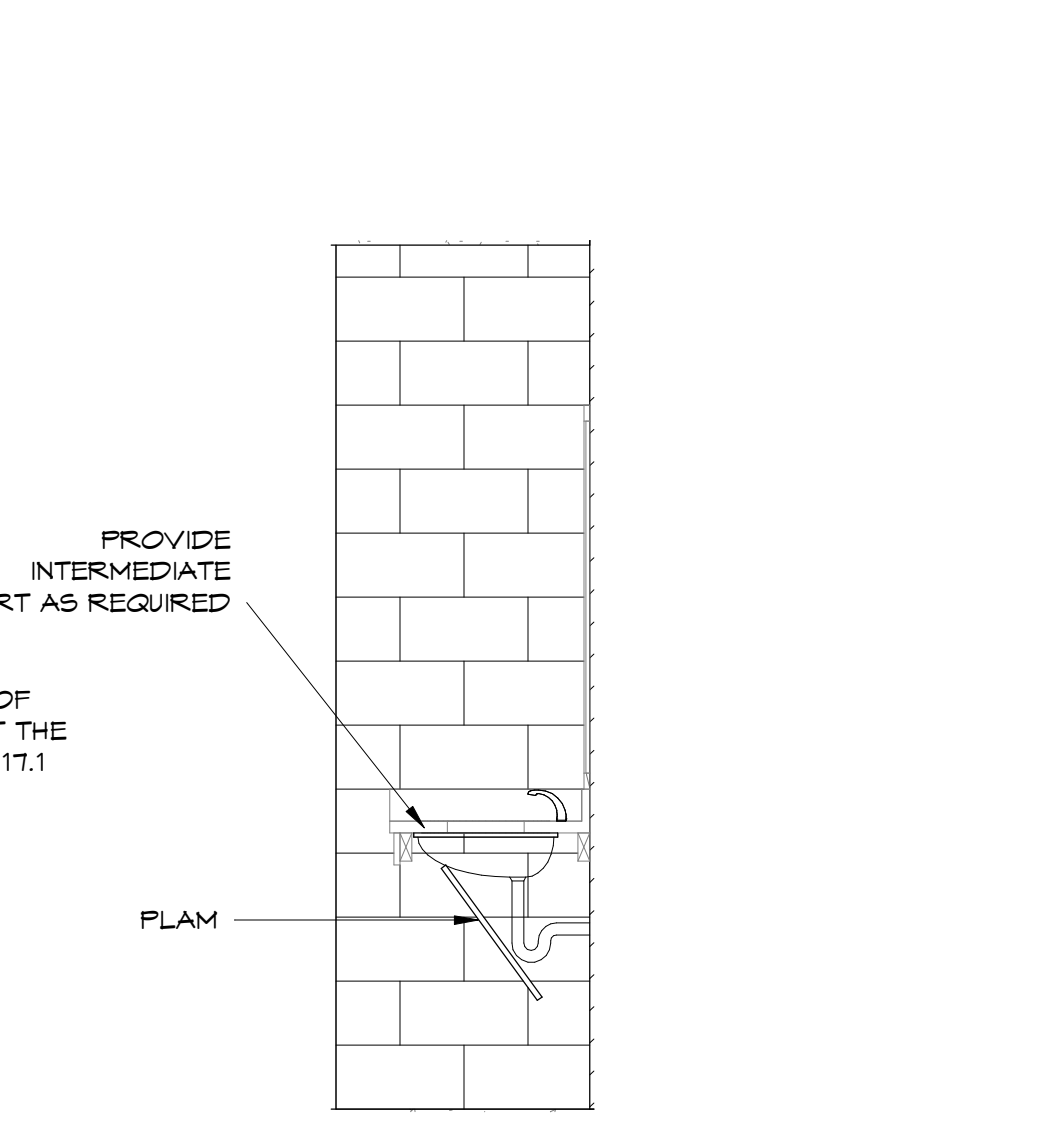
PROVIDE TEMPERED GLASS AS REQUIRED BY IBC CHAPTER 24



TYP EXT. WINDOW HEADER D-401
SCALE: 1/2" = 1'-0"

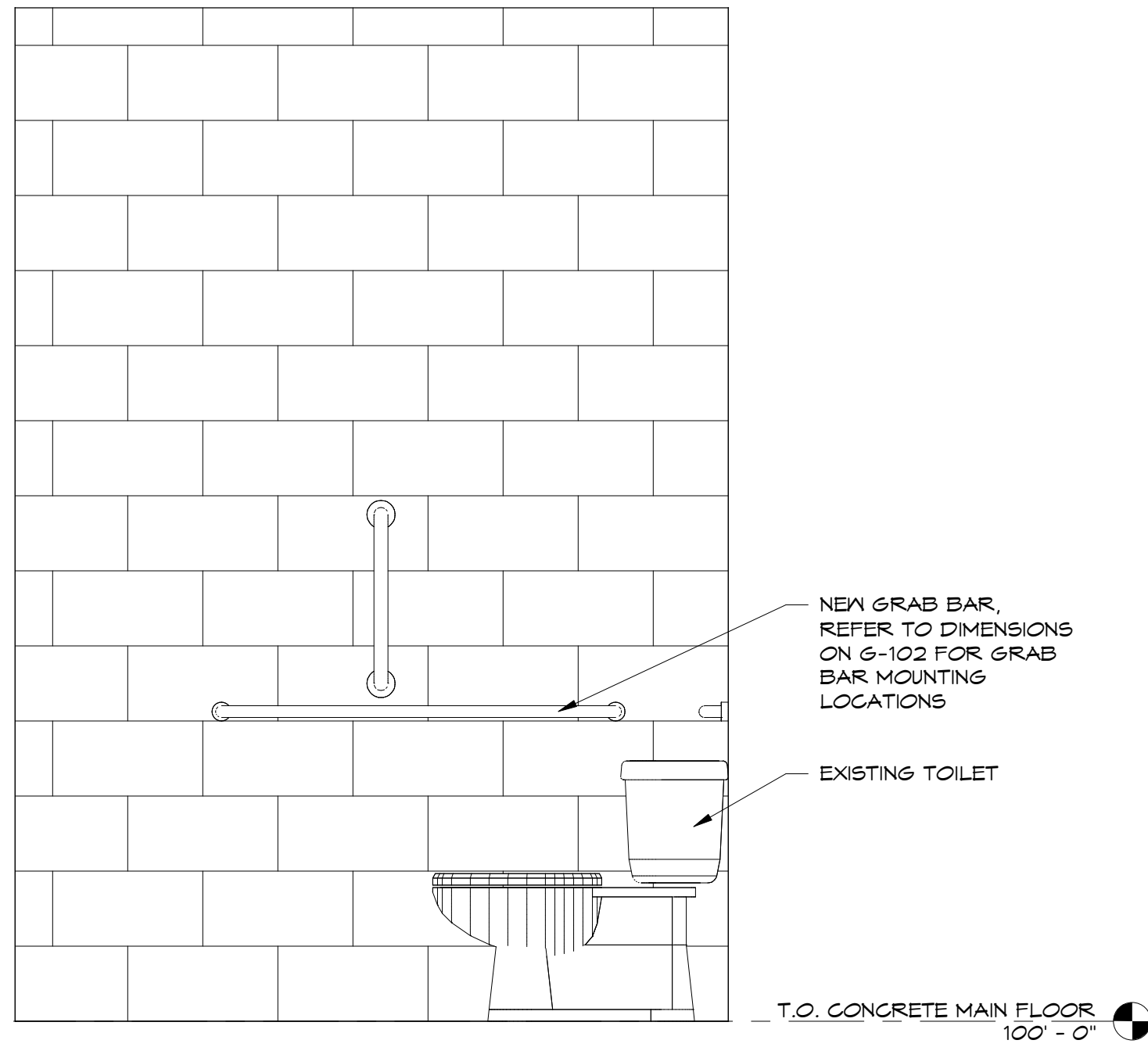


TYP EXT. WINDOW SILL F-401
SCALE: 1/2" = 1'-0"

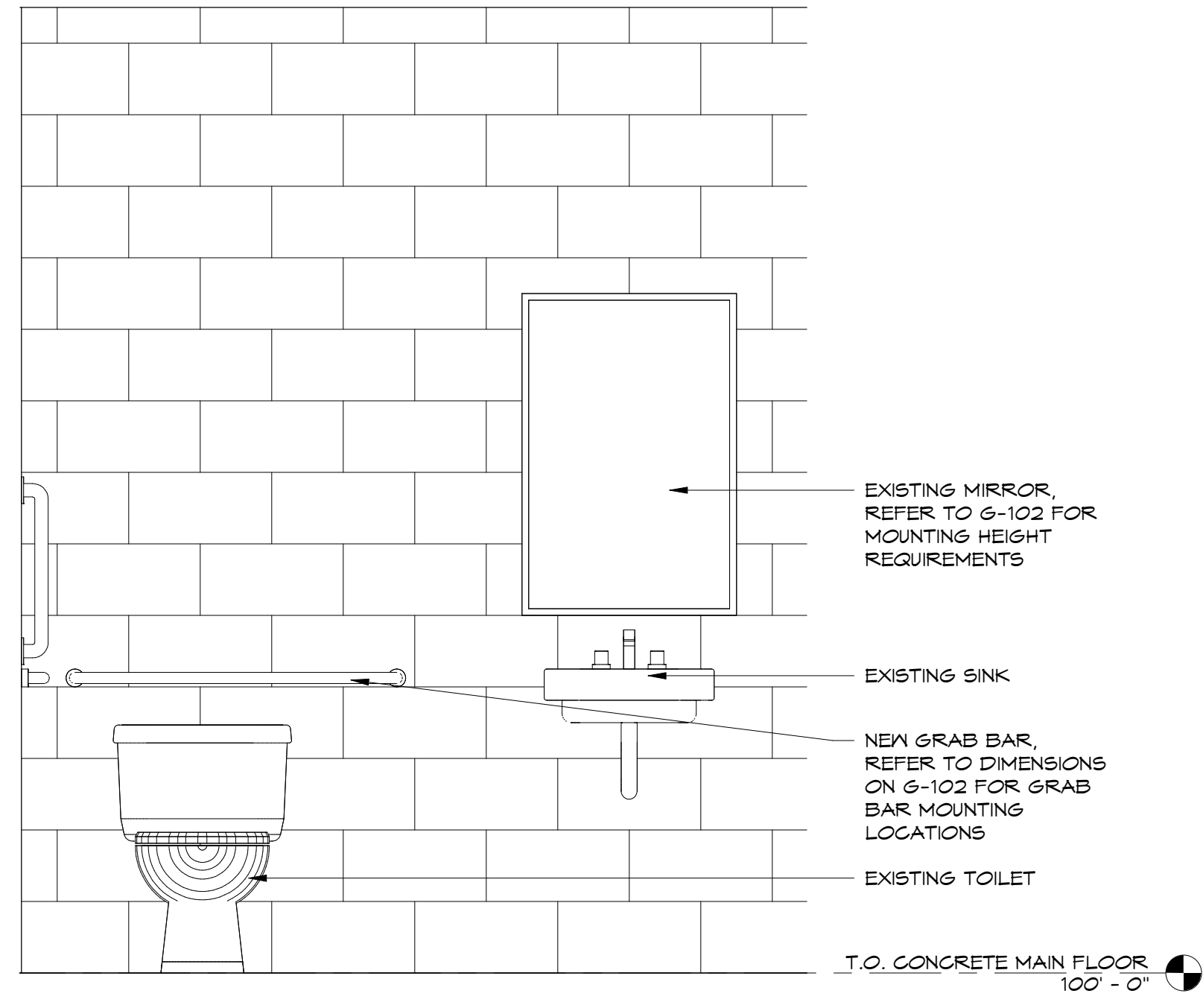


SINK SECTION H-401
SCALE: 1/2" = 1'-0"

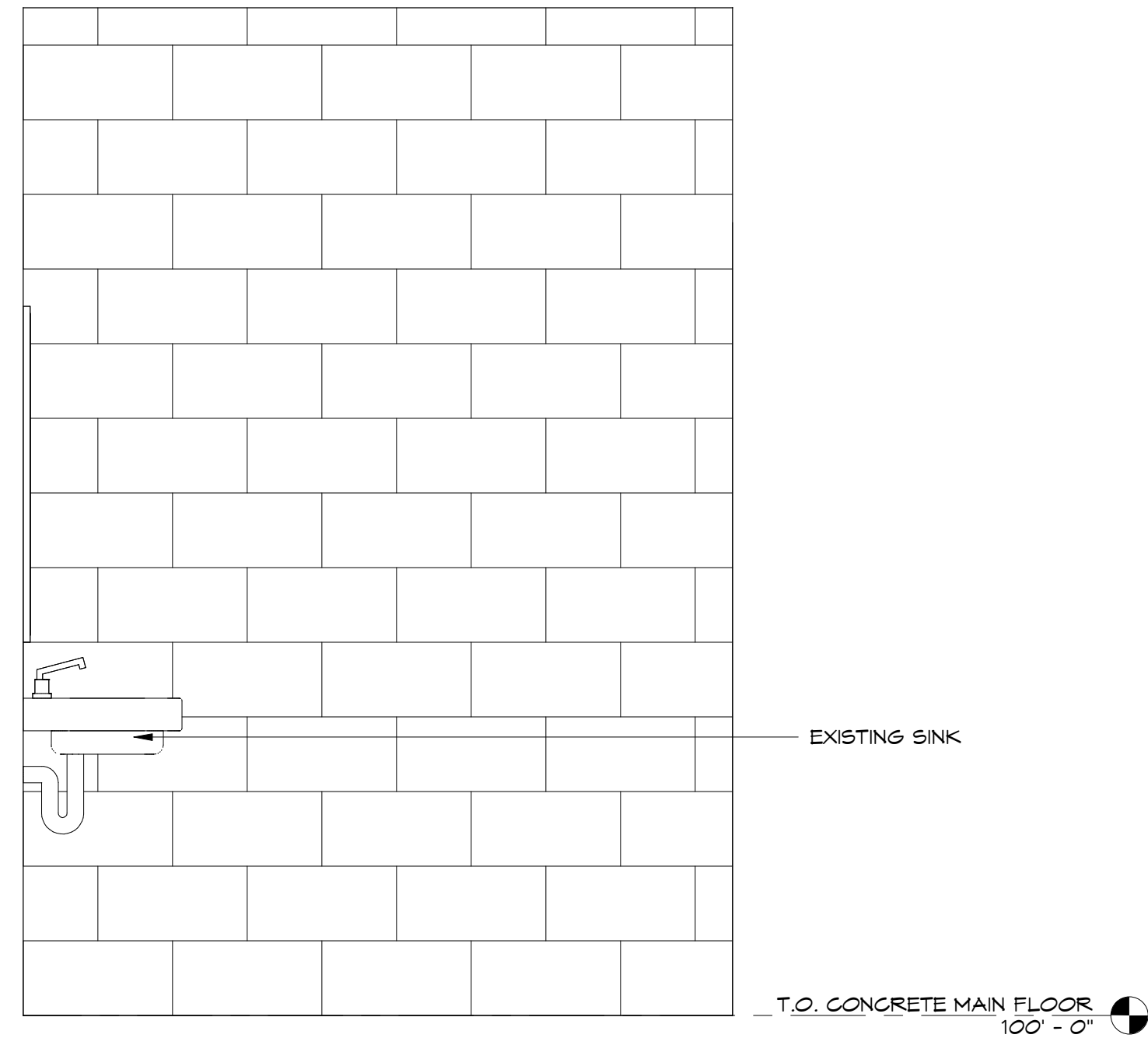
| MARK | WIDTH | HEIGHT | DOOR TYPE | DOOR FINISH | FRAME TYPE | FRAME FINISH | HARDWARE SET | EXISTING | NEA | REMARKS |
|------|--------|--------|-----------------------|-----------------------------|--------------|--------------------|--------------|----------|-----|---|
| 1A | 6'-0" | 7'-0" | EXT DBL SWING | EXISTING | HOLLOW METAL | EXISTING | | X | | DEMO DOORS |
| 1B | 6'-0" | 7'-0" | EXT DBL SWING | EXISTING | HOLLOW METAL | EXISTING | | X | | DEMO DOORS |
| 1C | 3'-0" | 7'-0" | EXT SWING | CLEAR ANODIZED | HOLLOW METAL | CLEAR ANODIZED | 3 | X | X | NEA DOOR W/ SIDE LITES |
| 2 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | 1 | X | | REPLACE MISSING HARDWARE |
| 3 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 4 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | 1 | X | | RE-USE EXISTING DOOR IN HALLWAY, PROVIDE NEA HARDWARE |
| 5 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 6 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 7 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 8 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 9 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 10A | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 10B | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 10C | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 11A | 10'-6" | 9'-0" | EXT GARAGE | PAINT | METAL | N/A | | X | | |
| 11B | 3'-5" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 12A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 12B | 3'-0" | 7'-0" | INT SWING | WOOD DOOR TO MATCH EXISTING | HOLLOW METAL | EXISTING TO REMAIN | | X | | FRAME TO REMAIN |
| 13 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 14 | 6'-0" | 7'-0" | INT DBL SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | REPAIR BROKEN GLASS |
| 15 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 16 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 17 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 18 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 21 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 22 | 3'-0" | 7'-0" | INT SWING | WOOD DOOR TO MATCH EXISTING | HOLLOW METAL | EXISTING TO REMAIN | | X | | FRAME TO REMAIN |
| 23 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 25 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 26A | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | 2* | X | | REPAIR BROKEN GLASS, EVALUATE DOOR FOR REPLACEMENT |
| 26B | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 27A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 27B | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 28 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 29 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 29A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 30 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 31A | 6'-0" | 7'-0" | EXT DBL SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 31B | 6'-0" | 7'-0" | EXT DBL SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 32A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 32B | 5'-6" | 3'-6" | INT ROLLING | EXISTING TO REMAIN | METAL | N/A | | X | | |
| 33A | 15'-0" | 15'-0" | EXT GARAGE | PAINT | METAL | N/A | | X | | |
| 33B | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | REPAIR BROKEN GLASS |
| 33C | 6'-0" | 8'-0" | INT ROLLING | EXISTING TO REMAIN | METAL | N/A | | X | | |
| 33D | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 34 | 6'-0" | 7'-0" | INT DBL SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 35 | 6'-0" | 7'-0" | INT DBL SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 36 | 6'-0" | 7'-0" | INT DBL SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 37A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 37B | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 38A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 38B | 6'-0" | 7'-0" | INT DBL SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 39A | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | TO MATCH EXISTING | 2 | X | X | REPLACE DOOR FRAME AND GLASS |
| 39B | 30'-0" | 23'-0" | EXT GARAGE | PAINT | METAL | N/A | | X | | |
| 40A | 30'-0" | 26'-0" | EXT OVERHEAD STACKING | EXISTING TO REMAIN | METAL | N/A | 4 | X | | REPLACE MAN DOOR WITH NEA HM PAINT FINISH |
| 40B | 3'-0" | 7'-0" | EXT OVERHEAD STACKING | EXISTING TO REMAIN | METAL | N/A | | X | | |
| 40C | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | PAINT | 2 | X | X | NEA DOOR & FRAME |
| 40D | 30'-0" | 26'-0" | EXT OVERHEAD STACKING | EXISTING TO REMAIN | METAL | N/A | | X | | |
| 40E | 5'-6" | 3'-6" | EXT ROLLING | EXISTING TO REMAIN | METAL | N/A | | X | | REMOVE DOOR AND INFILL |
| 41A | 30'-0" | 26'-0" | EXT OVERHEAD STACKING | EXISTING TO REMAIN | METAL | N/A | | X | | |
| 41B | 30'-0" | 26'-0" | EXT OVERHEAD STACKING | EXISTING TO REMAIN | METAL | N/A | 4 | X | | REPLACE MAN DOOR WITH NEA HM PAINT FINISH |
| 41C | 15'-0" | 15'-0" | EXT OVERHEAD STACKING | EXISTING TO REMAIN | METAL | N/A | | X | | |
| 42A | 4'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | METAL | DEMO | | X | | DOOR TO BE REMOVED, INFILL WALL |
| 42B | 12'-0" | 8'-0" | INT ROLLING | EXISTING TO REMAIN | METAL | N/A | | X | | |
| 42C | 4'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 43A | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 43B | 12'-5" | 12'-0" | EXT GARAGE | EXISTING TO REMAIN | METAL | N/A | | X | | |
| 43C | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 43D | 3'-0" | 7'-0" | EXT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 44 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 44A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 44B | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 45 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 46 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 47 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 48 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 49 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 49A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 50 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 51 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 52 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 53A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 53B | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 54 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 55 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 56 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 57 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 58 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 59 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 60 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 61 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 62 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 63 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 64 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 65 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 66 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 67 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 68 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 69 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 70A | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 70B | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 71 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 72 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | REPAIR BROKEN GLASS |
| 74 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 75 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 76 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 77 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 78 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 79 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | 1 | X | | RE-INSTALL HARDWARE |
| 80 | 3'-0" | 7'-0" | INT SWING | WOOD DOOR TO MATCH EXISTING | HOLLOW METAL | EXISTING TO REMAIN | 1 | X | X | REPLACE DOOR & HARDWARE, EXISTING FRAME TO REMAIN |
| 81 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 82 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 83 | 3'-0" | 7'-0" | INT SWING | EXISTING TO REMAIN | HOLLOW METAL | EXISTING TO REMAIN | | X | | |
| 84 | 3'-0" | 7'-0 | | | | | | | | |



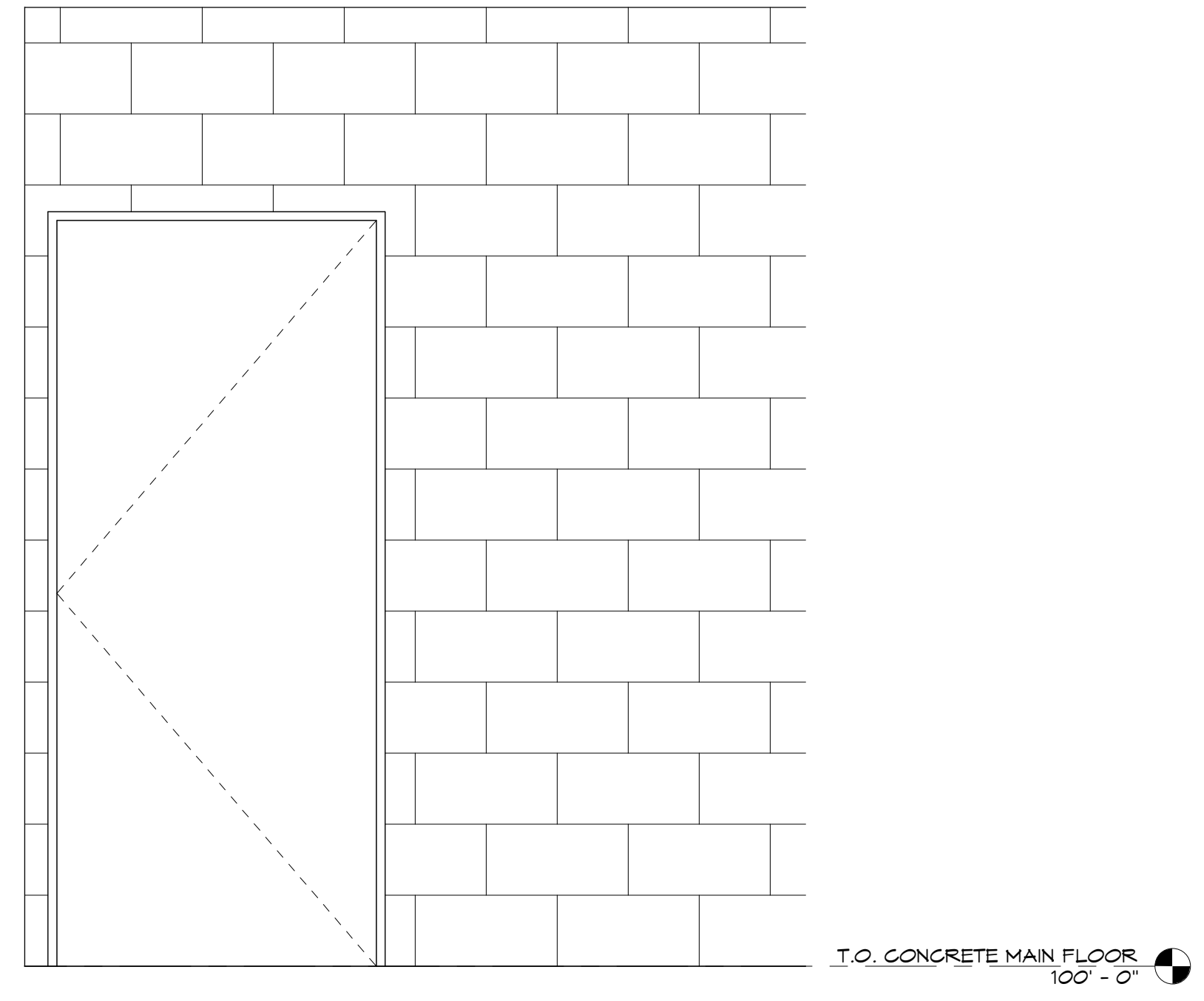
MENS R.R. A
SCALE: 3/4" = 1'-0"
A-501



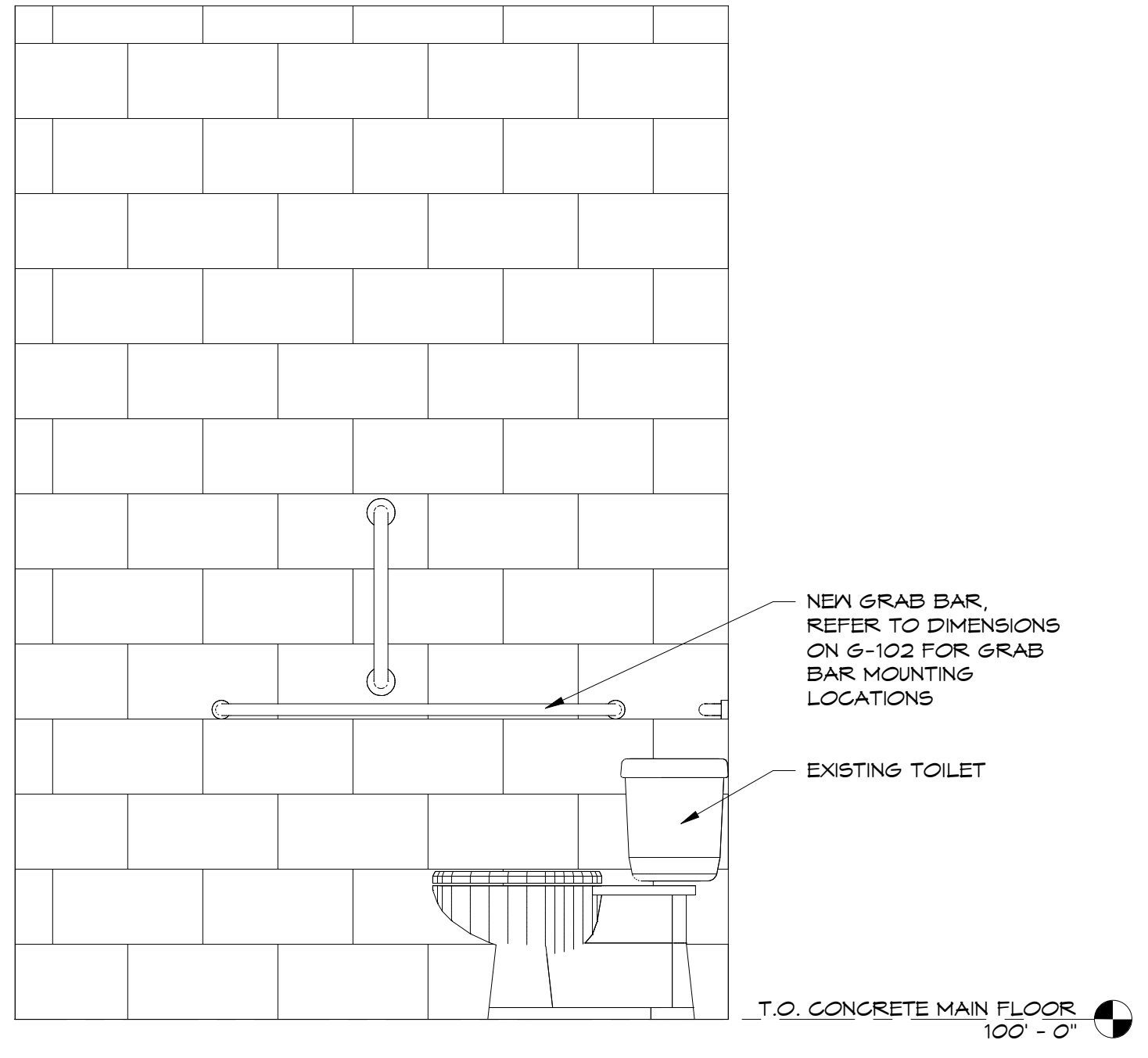
MENS R.R. B
SCALE: 3/4" = 1'-0"
A-501



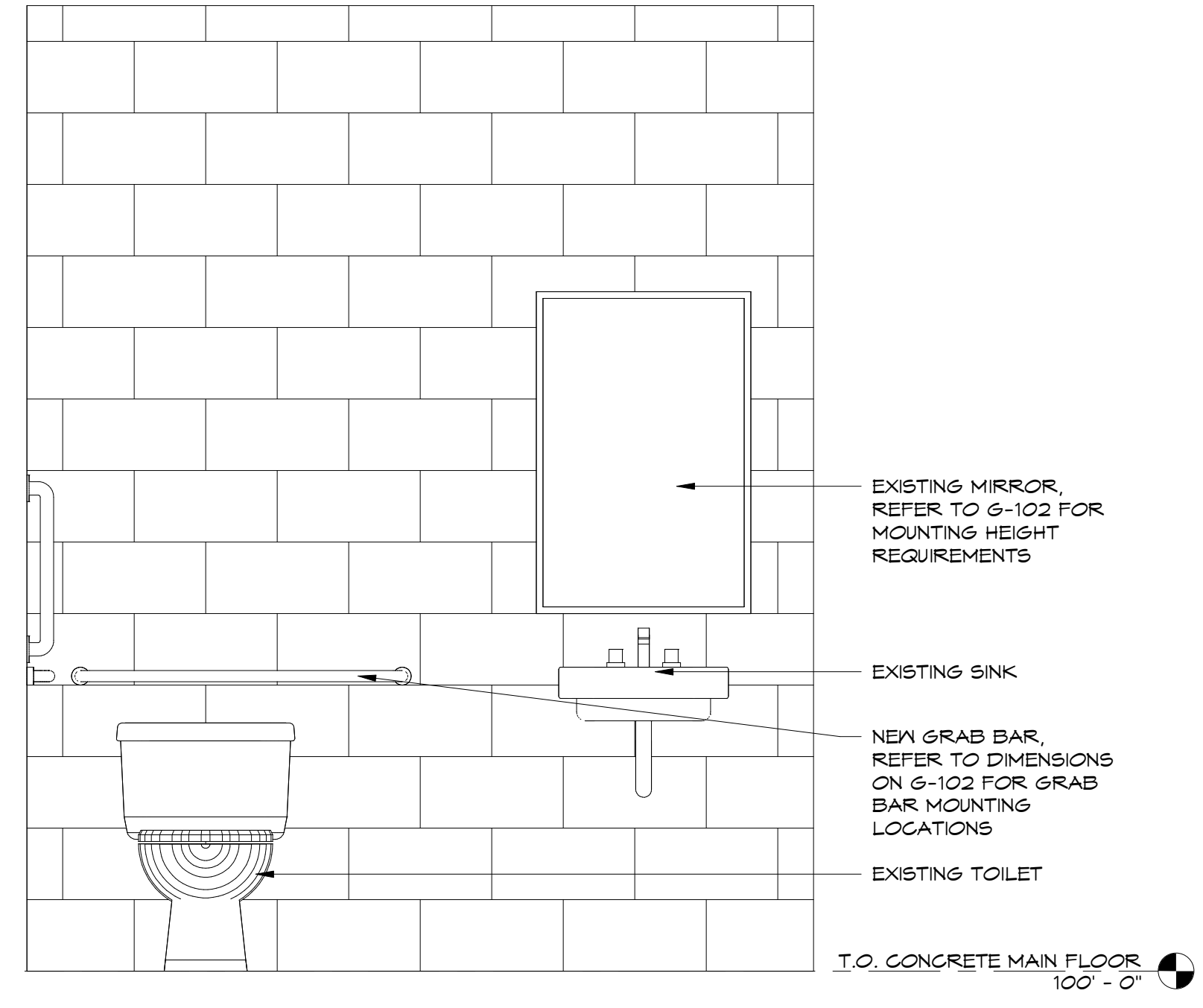
MENS R.R. C
SCALE: 3/4" = 1'-0"
A-501



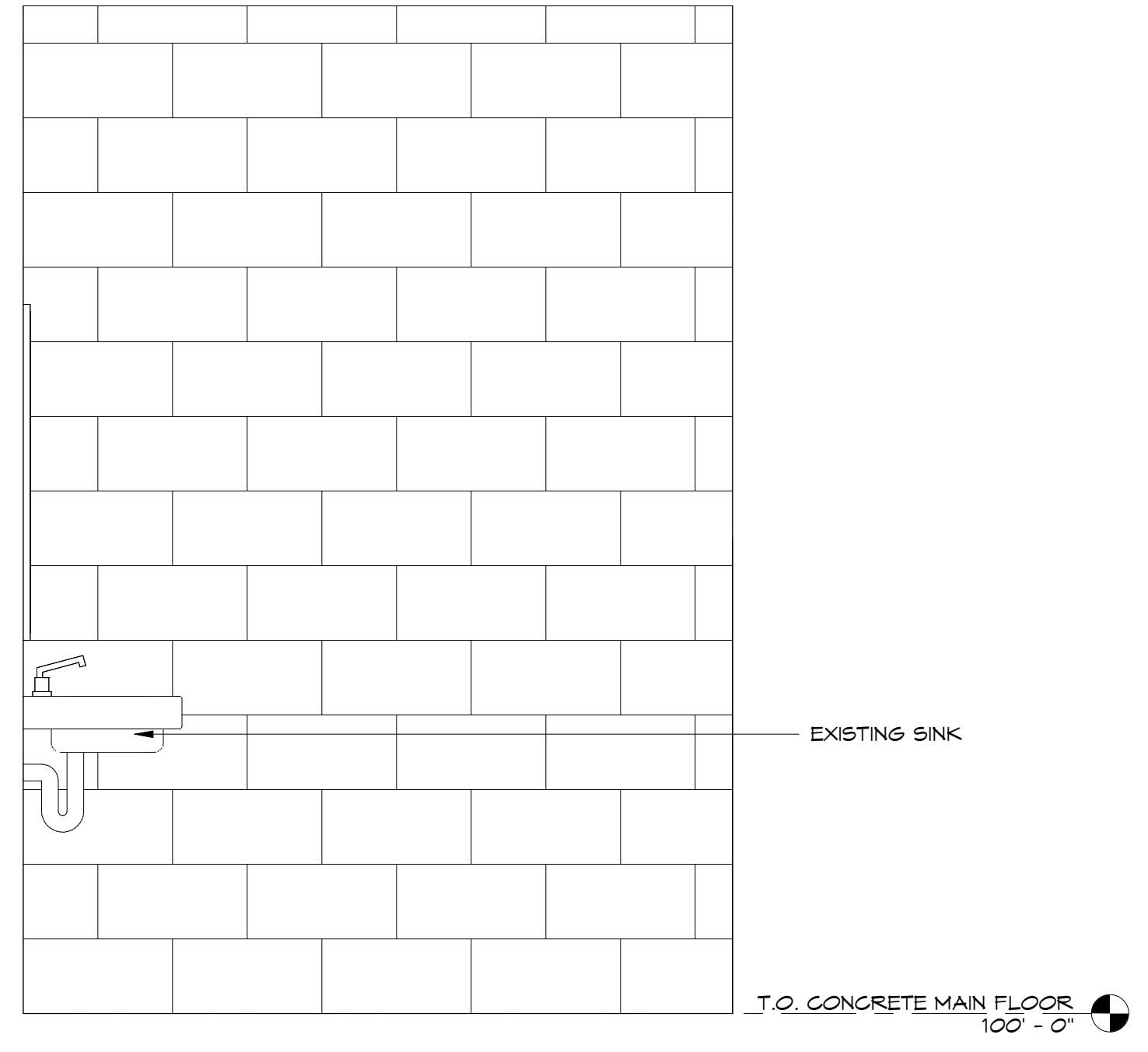
MENS R.R. D
SCALE: 3/4" = 1'-0"
A-501



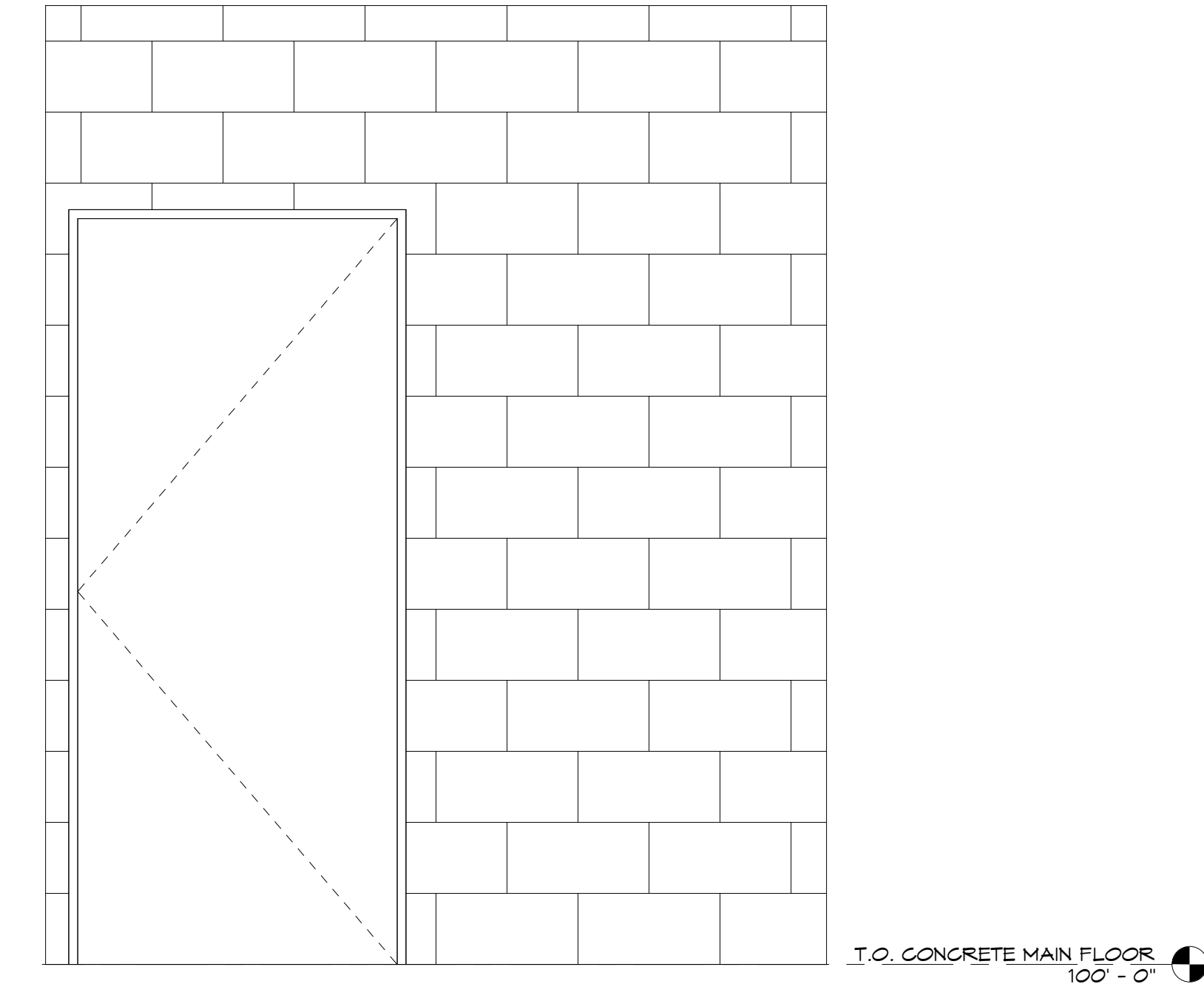
WOMENS R.R. E
SCALE: 3/4" = 1'-0"
A-501



WOMENS R.R. F
SCALE: 3/4" = 1'-0"
A-501

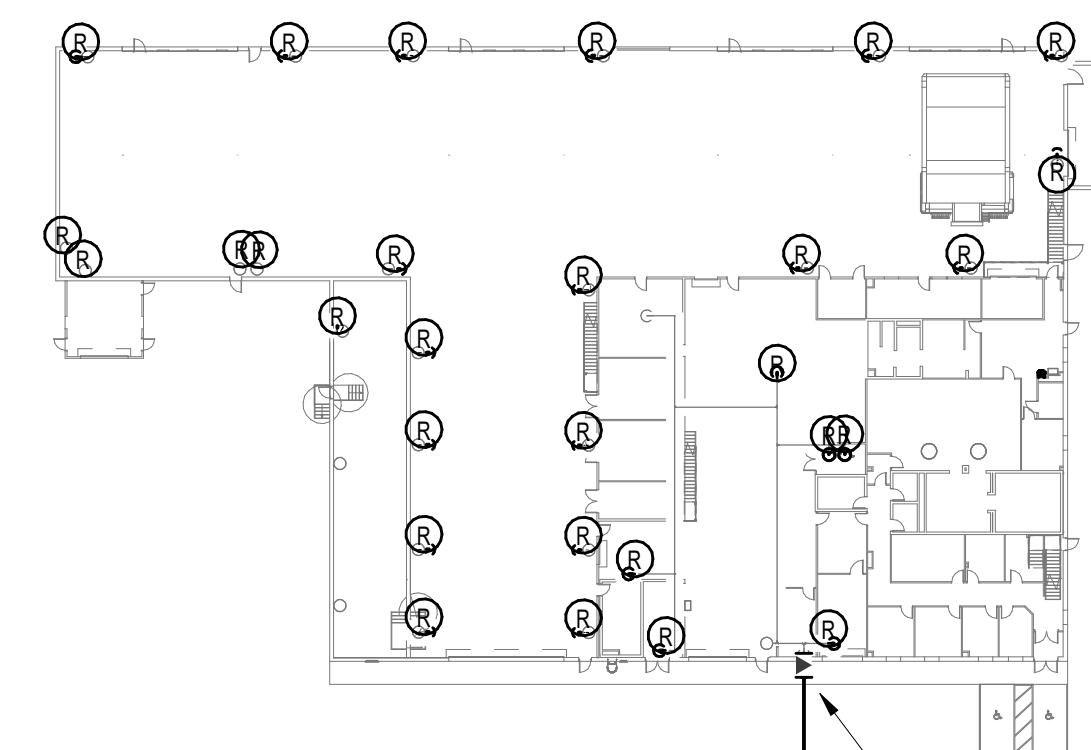
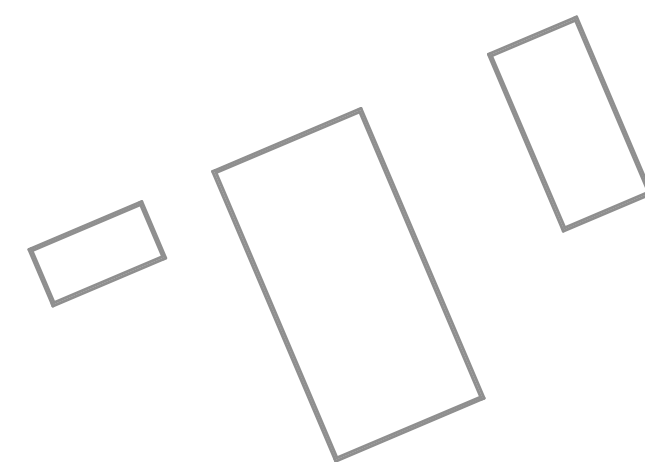


WOMENS R.R. G
SCALE: 3/4" = 1'-0"
A-501



WOMENS R.R. H
SCALE: 3/4" = 1'-0"
A-501

ROAD 1120

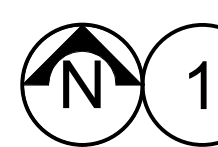


PROVIDE NEW GAS ENTRY INTO BUILDING AND CONNECT TO EXISTING GAS LINES. SEE FLOOR PLAN.

PROVIDE NEW FUSED MDPE 5.0 PSIG GAS LINE IN SAND BED WITH TRACER WIRE 36" BELOW GRADE. SEE SPECS. ROUTE FROM NEW METER TO BUILDING.

NEW MEXICO GAS COMPANY'S FINAL METER LOCATION TO BE DETERMINED. COORDINATE FINAL METER LOCATION WITH GAS COMPANY.

ROAD 1130



PLUMBING SITE PLAN

1" = 50'-0"



REYNOLDS ASH + ASSOCIATES
ARCHITECTURE
ENGINEERING

1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7004
FAX (970) 259-7492

202 PAGOOSA STREET, STE. 200
P.O. BOX 96
PAGOOSA SPRINGS, CO 81147
RA-AE.COM



5/11/2023 1:59:13 PM

SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: DS

ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

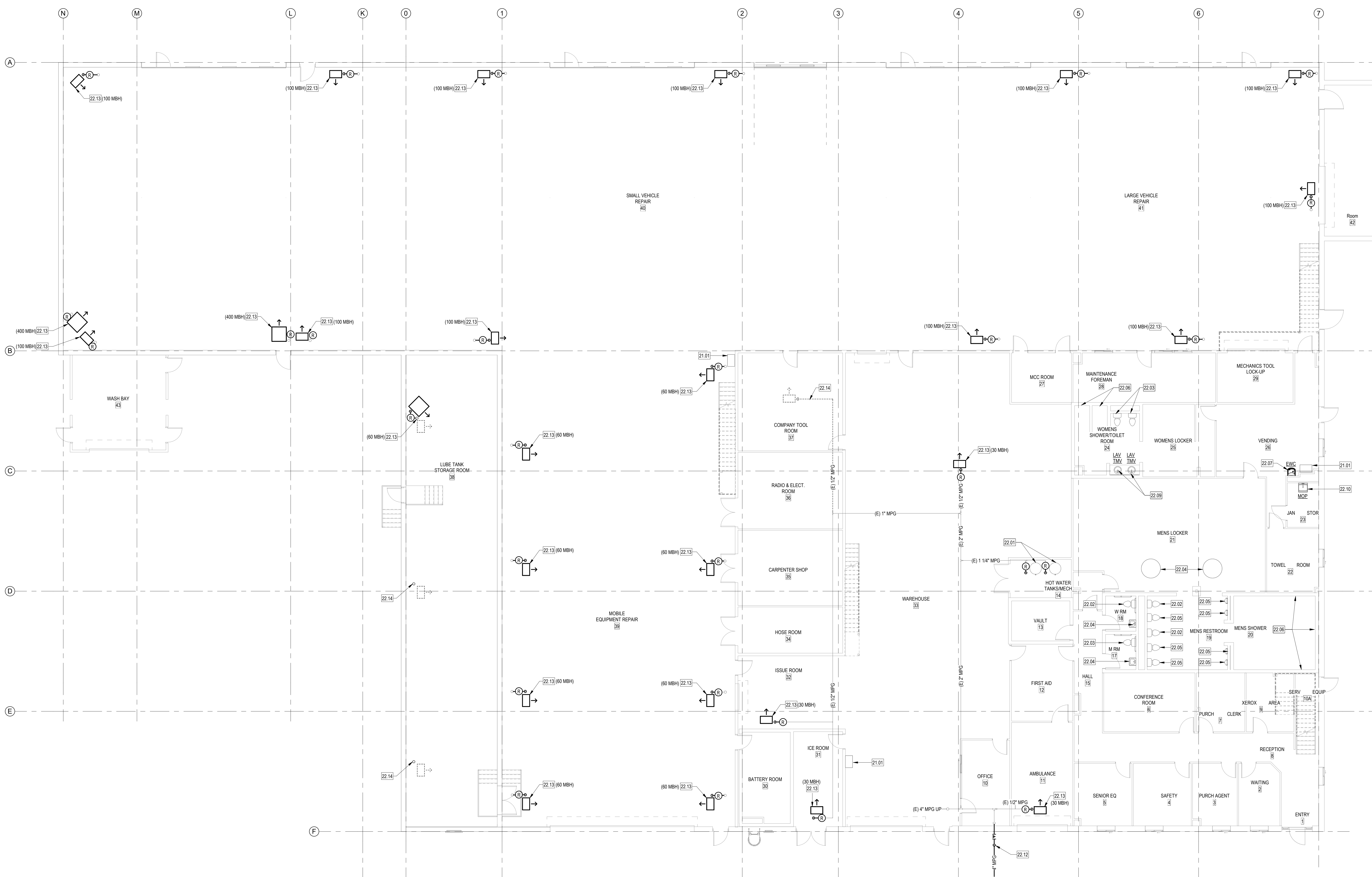
REVISIONS:

P100
PLUMBING SITE PLAN

PRINT DATE: 5/11/2023 1:59:13 PM

| KEYED NOTES | |
|-------------|--|
| 21.01 | REPLACE 50-YEAR OLD FIRE HOSE REEL ASSEMBLY. |
| 22.01 | REUSE THE EXISTING 97 GALLON, 197 MBH INPUT, A.O. SMITH BT-197-880 SERIAL# M00016409-880 WATER HEATERS. VERIFY ORIFICES ARE INDEED NATURAL GAS. REPLACE IF THEY ARE FOR PROPANE. DISINFECT THE ENTIRE COLD AND HOT WATER PIPING SYSTEM. SET HOT WATER TEMPERATURE TO 140°F. ALTERNATE BID #1: REPLACE WATER HEATERS. SEE PLUMBING SCHEDULE ITEM "WH" FOR DETAILS. UNDER BOTH BASE AND ALTERNATE BIDS PROVIDE A NEW GAS PRESSURE REGULATOR WITH 5.0 PSI INLET AND 11" W.C. OUTLET AND PROVIDE A NEW GAS CONNECTION TO THE UNITS. SEE DETAIL FOR REQUIREMENTS. |
| 22.02 | REPLACE THE BATTERIES IN THE FLUSH VALVE. CLEAN AND RESTORE FIXTURE TO WORKING ORDER. |
| 22.03 | CLEAN AND RESTORE FIXTURE TO WORKING ORDER. THE MANUAL FLUSH VALVE TO REMAIN. |
| 22.04 | CLEAN AND RESTORE FIXTURE TO WORKING ORDER. THE MANUAL FAUCET TO REMAIN. PROVIDE NEW THERMOSTATIC MIXING VALVE (TMV). |
| 22.05 | CLEAN AND RESTORE FIXTURE TO WORKING ORDER. |
| 22.06 | CLEAN AND RESTORE FIXTURE TO WORKING ORDER. THE SHOWER HEAD AND VALVE TO REMAIN. |

| KEYED NOTES | |
|-------------|--|
| 22.07 | PROVIDE A NEW ELECTRIC WATER COOLER AT THIS LOCATION. CONNECT TO THE EXISTING WATER AND WASTE LINES. UTILIZE THE EXISTING RECEPTACLE. |
| 22.09 | REPLACE LAVATORIES. REUSE WASTE, VENT, AND WATER PIPING. PROVIDE NEW THERMOSTATIC MIXING VALVE (TMV). |
| 22.10 | REPLACE UTILITY SINK. CONNECT TO THE EXISTING WASTE, VENT, AND WATER PIPING. |
| 22.12 | 4"MPG RISE TO ABOVE GRADE. PROVIDE NEW NATURAL GAS ENTRY ASSEMBLY AT 4.066 MBH AT 5.0 PSIG. ROUTE INTO BUILDING ABOVE GRADE AND CONNECT TO EXISTING GAS LINE. |
| 22.13 | DISCONNECT EXISTING GAS LINE FROM HEATER TO BE REMOVED. REMOVE PIPE AS REQUIRED TO ALLOW FOR NEW CONNECTION ASSEMBLY TO NEW UNIT. PROVIDE NEW GAS PRESSURE REGULATOR WITH 5.0 PSIG INLET PRESSURE AND 11" W.C. OUTLET PRESSURE. PROVIDE NEW GAS CONNECTION TO UNIT. SEE DETAIL FOR REQUIREMENTS. |
| 22.14 | DISCONNECT EXISTING GAS LINE FROM UNIT TO BE REMOVED. REMOVE GAS PIPING BACK TO MAIN AND CAP. |



REYNOLDS ASH + ASSOCIATES
ARCHITECTURE
ENGINEERING

1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

262 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81447

RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C.
EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY FORBIDDEN TO ANY OTHER PARTY. ANY REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF RAA-AE ARCHITECTS, P.C.



5/11/2023 1:59:14 PM

SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: DS

ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

| REVISIONS: |
|------------|
| |
| |
| |

P101
PLUMBING PLAN - 1ST FLOOR

1 PLUMBING PLAN - 1ST FLOOR
1/8" = 1'-0"

PRINT DATE: 5/11/2023 1:59:14 PM

| KEYED NOTES | |
|-------------|--|
| 21.01 | REPLACE 50-YEAR OLD FIRE HOSE REEL ASSEMBLY. |
| 22.02 | REPLACE THE BATTERIES IN THE FLUSH VALVE. CLEAN AND RESTORE FIXTURE TO WORKING ORDER. |
| 22.04 | CLEAN AND RESTORE FIXTURE TO WORKING ORDER. THE MANUAL FAUCET TO REMAIN. PROVIDE NEW THERMOSTATIC MIXING VALVE (TMV). |
| 22.08 | PROVIDE ALL NEW SEWER, VENT, COLD AND HOT WATER PIPING TO THE EXISTING SINK. CLEAN AND RESTORE FIXTURE TO WORKING ORDER. |
| 22.11 | MOUNT A NEW ELECTRIC WATER COOLER WITH BOTTLE FILLER TO THE WALL. OPEN UP WALL TO ALLOW ACCESS TO WASTE, WATER, AND VENT TIE IN TO THE EXISTING MAINS. CONNECT EWC TO EXISTING RECEPTACLE. |
| 22.13 | DISCONNECT EXISTING GAS LINE FROM HEATER TO BE REMOVED. REMOVE PIPE AS REQUIRED TO ALLOW FOR NEW CONNECTION ASSEMBLY TO NEW UNIT. PROVIDE NEW GAS PRESSURE REGULATOR WITH 5.0 PSIG INLET PRESSURE AND 11" W.C. OUTLET PRESSURE. PROVIDE NEW GAS CONNECTION TO UNIT. SEE DETAIL FOR REQUIREMENTS. |
| 22.14 | DISCONNECT EXISTING GAS LINE FROM UNIT TO BE REMOVED. REMOVE GAS PIPING BACK TO MAIN AND CAP. |
| 22.15 | COOLING ONLY ROOFTOP UNIT. NO GAS PIPE REQUIRED. |
| 22.16 | EXISTING MPG UP TO EXISTING ROOFTOP UNIT. DISCONNECT FROM EXISTING UNIT AND REMOVE PIPING AS REQUIRED TO ALLOW FOR NEW CONNECTION ASSEMBLY. PROVIDE NEW GAS PRESSURE REGULATOR WITH 5.0 PSIG INLET PRESSURE AND 11" W.C. OUTLET PRESSURE. PROVIDE NEW GAS CONNECTION TO UNIT. SEE DETAIL FOR REQUIREMENTS. |

RAA
REYNOLDS ASH + ASSOCIATES
ARCHITECTURE + ENGINEERING

1140 MAIN AVENUE, STE. B
 DURANGO, CO 81301
 (970) 259-7044
 FAX (970) 259-7492

202 PAGOSA STREET, STE. 200
 P.O. BOX 96
 PAGOSA SPRINGS, CO 81147

RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C. EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY FORBIDDEN TO ANY OTHER PARTY. ANY PROMOTION OF THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF RAA ARCHITECTS, P.C.



5/11/2023 1:59:14 PM

SAN JUAN COUNTY INDUSTRIAL PARK
 RD 1130, LA PLATA, NEW MEXICO 87418

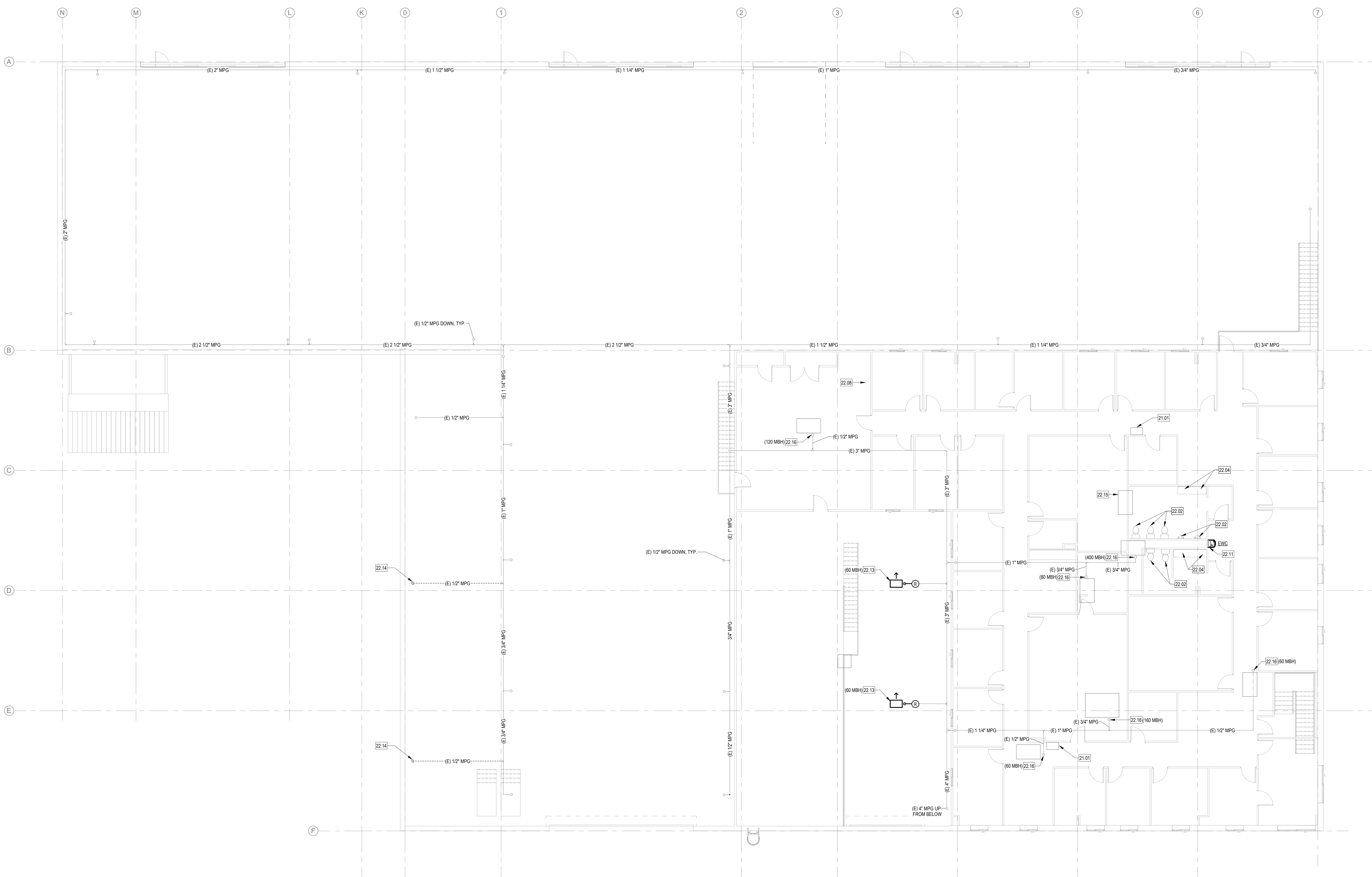
JOB NO.: 2229
 DATE: 2023-05-15
 DRAWN BY: DS

| ISSUE RECORD: |
|--------------------|
| 2023-02-17 100% SD |
| 2023-03-31 DD |
| 2023-05-15 CD |

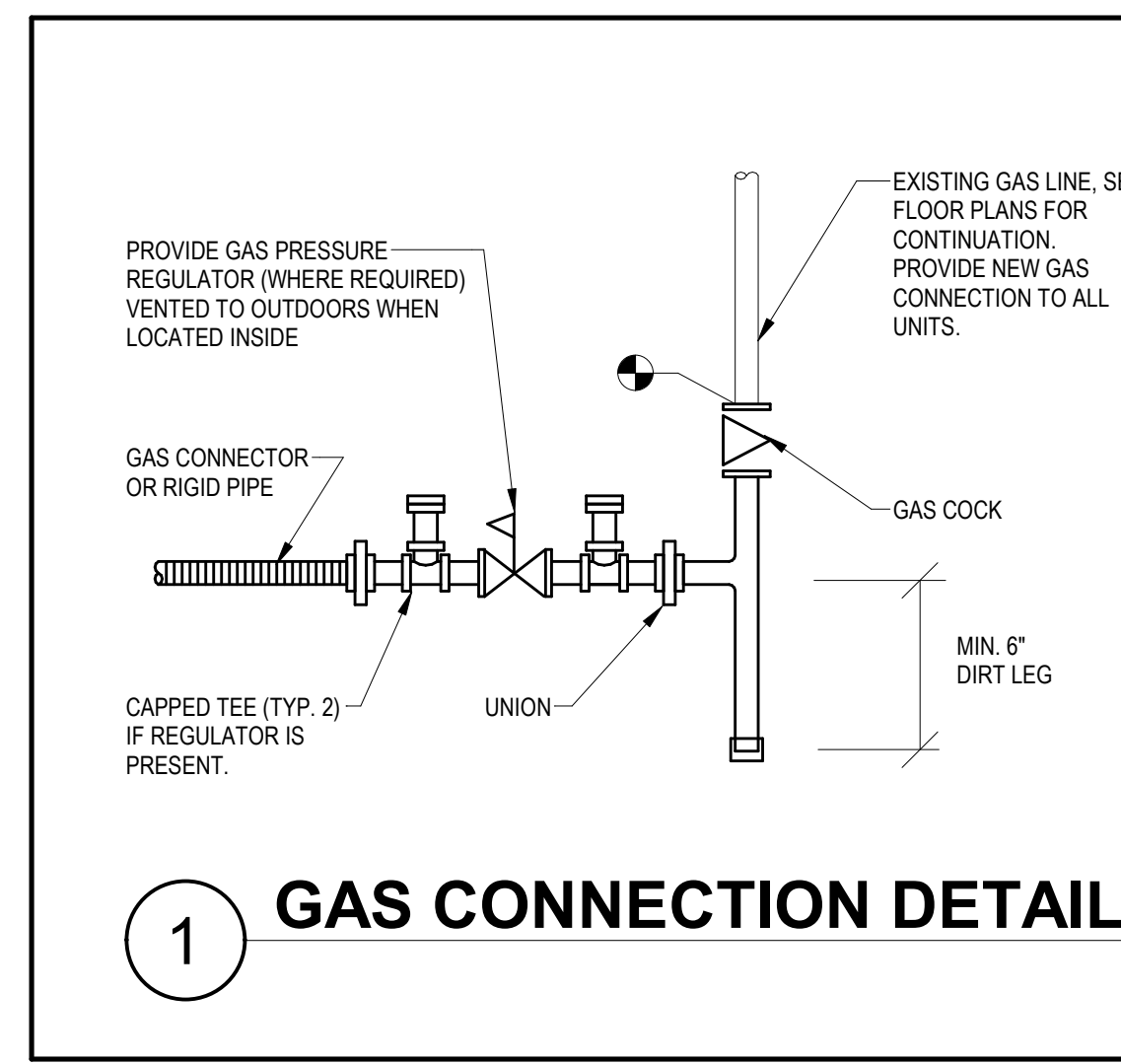
| REVISIONS: |
|------------|
| |
| |
| |

P102
 PLUMBING PLAN - 2ND FLOOR

PRINT DATE: 5/11/2023 1:59:14 PM



1 PLUMBING PLAN - 2ND FLOOR
 1/8" = 1'-0"



1 GAS CONNECTION DETAIL

PLUMBING SYMBOLS LEGEND

| LINE TYPES | DESCRIPTION |
|--------------|--|
| — | THIN LINE AND GRAY SCALE INDICATE EXISTING TO REMAIN |
| - - - - | DASHED INDICATES EXISTING TO BE DEMOLISHED |
| — | SOLID BLACK INDICATES NEW |
| - - - - | LONG DASHED INDICATES BELOW GRADE |
| SYMBOL | DESCRIPTION |
| ⌘ | PLUMBING FIXTURE DESIGNATION |
| ⌘ | KEYED NOTE |
| ⊙ | POINT OF CONNECTION |
| (E) | EXISTING |
| — CD — | CONDENSATE DRAIN (CD) |
| — SS — | SANITARY SEWER (SS) |
| - - - - | VENT (V) |
| - - - - | COLD WATER (CW) |
| - - - - | HOT WATER SUPPLY (HW) |
| - - - - | HOT WATER RETURN (HWR) |
| - - - - | TEMPERED WATER (TW) |
| - - - - | NATURAL GAS (G) |
| - - - - | MEDIUM PRESSURE GAS (MPG) |
| - - - - | LIQUEFIED PETROLEUM GAS (LPG) |
| - - - - | ROOF DRAIN (RD) |
| - - - - | OVERFLOW DRAIN (OD) |
| - - - - | GREASE WASTE (GW) |
| - - - - | FIRE LINE (FL) |
| ⊙ | GAS COCK |
| ⊙ | THERMOMETER |
| ⊙ | CHECK VALVE (CKV) |
| ⊙ | RELIEF VALVE |
| ⊙ | BUTTERFLY VALVE |
| ⊙ | BALL VALVE (BV) |
| ⊙ | STRAINER WITH DRAIN VALVE |
| ⊙ | UNION |
| ⊙ | GATE VALVE |
| ⊙ | SOLENOID WITH UNIONS |
| ⊙ | PRESSURE REDUCING VALVE (PRV) |
| ⊙ | REDUCED PRESSURE BACKFLOW PREVENTER |
| ⊙ | BACKFLOW PREVENTER |
| ⊙ | FLOOR SINK |
| ⊙ | ROOF DRAIN |
| ⊙ | VENT THRU ROOF (VTR) |
| ⊙ | DOUBLE CLEAN OUT (DCO) |
| ⊙ | CLEAN OUT (CO) |
| ⊙ | FLOOR DRAIN |
| ⊙ | GAS FLEX |
| ⊙ | PEX PIPING |
| ⊙ | GAS PRESSURE REGULATOR |
| ⊙ | GAS METER |
| ⊙ | GAS PRESSURE REGULATOR |
| ⊙ | VALVE IN VALVE BOX |
| ABBREVIATION | DESCRIPTION |
| BFF | BELOW FINISHED FLOOR |
| CA | COMPRESSED AIR |
| CD | CONDENSATE DRAIN |
| CO | CLEANOUT |
| CW | DOMESTIC COLD WATER |
| DCO | DOUBLE CLEANOUT |
| FFE | FINISHED FLOOR ELEVATION |
| G | NATURAL GAS |
| GW | GREASE WASTE |
| HW | DOMESTIC HOT WATER |
| HWR | DOMESTIC HOT WATER RECIRCULATION |
| IW | INDIRECT WASTE |
| LPG | LIQUEFIED PETROLEUM GAS |
| MPG | MEDIUM PRESSURE GAS |
| NZO | NITREOUS OXIDE (MED GAS) |
| OZ | OXYGEN (MED GAS) |
| OD | OVERFLOW DRAIN |
| OW | OILY WASTE |
| PD | PRESSURIZED DISCHARGE |
| RD | ROOF DRAIN |
| SS | SANITARY SEWER |
| V | VENT |
| VAC | VACUUM (MED GAS) |
| VTR | VENT THROUGH ROOF |
| WCO | WALL CLEANOUT |
| WAGD | WASTE ANESTHESIA GAS DISPOSAL (MED GAS) |

NOTE: SYMBOLS AND ABBREVIATIONS ILLUSTRATED ABOVE MAY NOT APPEAR ON THE PLANS

PLUMBING GENERAL NOTES

- COMPLETE ALL WORK IN FULL COMPLIANCE WITH THE UPC, UMC, IECC, IBC, LIFE SAFETY CODE, N.F.P.A. AND ALL LOCAL CODES AND ORDINANCES.
- CAREFULLY LAYOUT AND INSTALL THE PLUMBING SYSTEMS INCLUDING ALL COORDINATION WITH NEW AND EXISTING SERVICES, MECHANICAL EQUIPMENT, DUCTWORK, ELECTRICAL EQUIPMENT, CONDUIT, CEILING GRID, AND ANY OTHER EQUIPMENT THAT MAY REQUIRE COORDINATION EFFORTS. COORDINATE TEMPORARY CUT-OFF OF WATER AND SEWER WITH UTILITY PROVIDERS. PERFORM ALL NECESSARY TRENCHING, BACK FILLING, CUTTING, PATCHING, REPAIRING, ETC. ASSOCIATED WITH THE INSTALLATION OF THE PLUMBING SYSTEM SHOWN ON THE PLANS AND DESCRIBED IN THE SPECIFICATIONS.
- ALL CONTRACTORS BIDDING ON THIS PROJECT ARE CAUTIONED TO VISIT THE SITE AND MAKE ALL NECESSARY INQUIRIES TO DETERMINE THE EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BIDS. NO SUBSEQUENT ALLOWANCE WILL BE MADE TO COMPENSATE FOR LACK OF PRE-BID INSPECTIONS BY THE SUCCESSFUL CONTRACTOR. ANY LINES ENCOUNTERED WHICH MAY INTERFERE WITH NEW CONSTRUCTION SHALL BE RELOCATED IF ACTIVE AND ABANDONED IF INACTIVE BY THIS CONTRACTOR UNDER THIS CONTRACT BY FIRST CONTACTING THE ARCHITECT FOR A RULING AS TO THEIR REMOVAL, RELOCATION, ETC.
- PROVIDE ACCESS PANELS TO ALL INACCESSIBLE PLUMBING EQUIPMENT.
- INSULATE ALL NEWLY INSTALLED PIPING (DOMESTIC HOT AND COLD) IN THE BUILDING. LABEL PIPE WITH FLUID TYPE AND FLOW DIRECTION.
- INSULATE ALL EXPOSED COLD AND HOT WATER SUPPLY TUBING AND P-TRAPS AT LAVATORIES AND SINKS WITH AN A.D.A. APPROVED ENCLOSURE. INCLUDE ALL FITTINGS FOR A COMPLETE INSTALLATION.
- PRESSURE TEST, FLUSH AND DISINFECT ALL DOMESTIC WATER PIPING PER CHAPTER 6 OF THE PLUMBING CODE PRIOR TO CALLING FOR FINAL INSPECTION.
- DURING DEMOLITION CAREFULLY NOTE ANY CONDITIONS THAT MAY AFFECT THE JOB, SUCH AS UNANTICIPATED CONNECTIONS OR BROKEN, DAMAGED, PLUGGED, OR CRUSHED PIPE. TRANSMIT THESE FINDINGS IMMEDIATELY TO THE ENGINEER BY MEMO.
- RECONNECT EXISTING FIXTURES OR REPLACED FIXTURES WITH PIPING OF THE SAME SIZE AS EXISTING PIPING.
- ALL PLENUM INSTALLED MATERIALS MUST BE PLENUM RATED OR WRAPPED IN A LISTED SYSTEM TO ACHIEVE A VALUE LOWER THAN 25 FLAME SPREAD AND 50 SMOKE DEVELOPMENT RATING.
- FLUSHING LEVERS/MECHANISMS SHALL BE PLACED ON THE ACCESSIBLE SIDE OF THE FIXTURE.
- ALL EXPOSED PIPE/WALL PENETRATIONS IN FINISHED SPACES SHALL BE FITTED WITH CHROME PLATED ESCUTCHEONS SECURED RIGIDLY FLUSH WITH WALL SURFACE.
- DOMESTIC HOT WATER SYSTEMS HAVE BEEN DESIGNED AND SIZED BASED ON 140 DEGREE SUPPLY TEMPERATURE. LOCATE POINT OF USE MIXING VALVE AT ALL SINKS AND LAVATORIES FOR CODE COMPLIANCE.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS OR ASSEMBLIES SHALL BE COMPLETED IN A MANNER THAT MAINTAINS THE FIRE RATING OF THE WALL OR ASSEMBLY.

PLUMBING SCHEDULE

| | |
|-----|---|
| EWC | ELECTRIC WATER COOLER: SINGLE LEVEL ADA COMPLIANT WATER COOLER WITH BOTTLE FILLER, LEAD-FREE WATERWAY, FRONT/SIDE PUSHBAR ACTIVATION, STAINLESS STEEL BASIN WITH INTEGRAL DRAIN, LIGHT GRAY GRANITE VINYL CLAD FINISH WITH CANE APRON, BOTTLE FILL STATION, 8 GPM CAPACITY, ELEC = 120V/1PH/5A WASTE = 2", VENT = 1-1/2" CW = 1/2" |
| LAV | LAVATORY: COUNTERTOP MOUNTED VITREOUS CHINA, SELF-RIMMING, FRONT OVERFLOW, 4 IN. FAUCET CENTERS, PERFORATED STRAINER, CHROME PLATED BRASS "P" TRAP AND TAILPIECE, TRUEBRO LAV GUARD IF EXPOSED TRAP, A.D.A. COMPLIANT METERED MANUAL FAUCET, *AMERICAN STANDARD AQUA-TN 0476-029 WASTE = 2 IN., VENT = 1 1/2 IN., CW = 1/2 IN., TW = 1/2 IN. |
| MOP | SERVICE SINK: 24"x24" PRECAST TERRAZZO, STAINLESS STEEL CAPS ON ALL CURBS, WALL MOUNTED 3 STATION MOP HOLDER, "CHICAGO" 445-887-SRCKPCP 2.0 GPM FAUCET WITH VACUUM BREAKER AND CHECK STOPS, WALL BRACE AND 3/4" THREADED HOSE OUTLET, *FIAT" MODEL TSB100 WASTE = 3 IN., VENT = 1 - 1/2 IN., CW & HW = 3/4 IN. |
| TMV | THERMOSTATIC MIXING VALVE: 1/2" ASSE 1070 POINT OF USE MIXING VALVE. SET AT 105°F. COLD WATER 50°F, HOT WATER 140°F. *WATTS" MODEL LFMW |
| WH | WATER HEATER: 98% EFF., 100 GALLON, 199 MBH INPUT, NATURAL GAS, 227 GPH AT 100 DEG. F., TEMPERATURE RISE, INSULATED WITH R8.33, GLASS LINED TANK, CONDENSATE NEUTRALIZER KIT, ELECTRICAL: 120V/1PH/10A. *A.O. SMITH" MODEL 67H-199 (ALTERNATE BID #P1) |
| XT | EXPANSION TANK: POTABLE WATER USE, 150 MAX. WORKING PRESSURE, 2.0 GALLONS TOTAL VOLUME, ASME, 55 PSIG FACTORY PRECHARGE. *AMTROL" MODEL ST-5C (ALTERNATE BID #P1) |



REYNOLDS ASH + ASSOCIATES
ARCHITECTURE
ENGINEERING

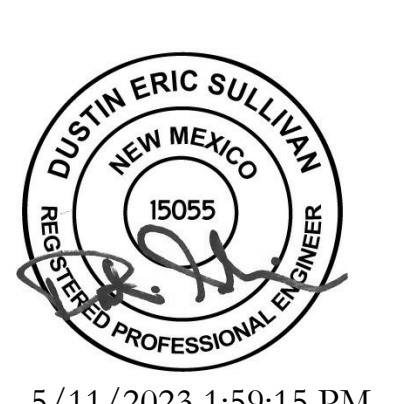
1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

202 PAGOBA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81447

RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C. EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REYNOLDS ASH + ASSOCIATES PROHIBITS THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C.



5/11/2023 1:59:15 PM

SAN JUAN COUNTY INDUSTRIAL
PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: ME&E

ISSUE RECORD:

| | |
|------------|---------|
| 2023-02-17 | 100% SD |
| 2023-03-31 | DD |
| 2023-05-15 | CD |

REVISIONS:

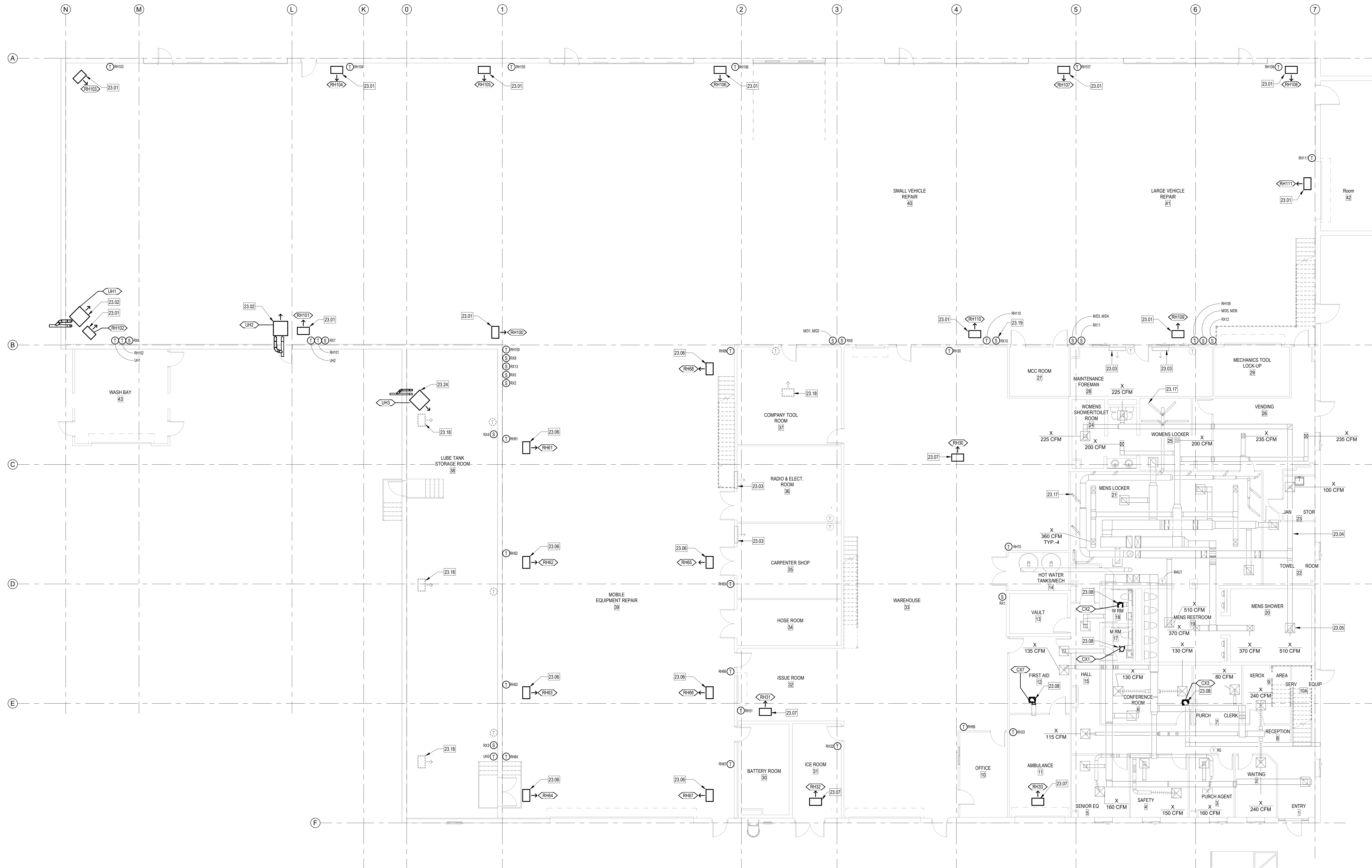
| | |
|--|--|
| | |
| | |
| | |

P601
PLUMBING
LEGEND, NOTES,
AND DETAILS

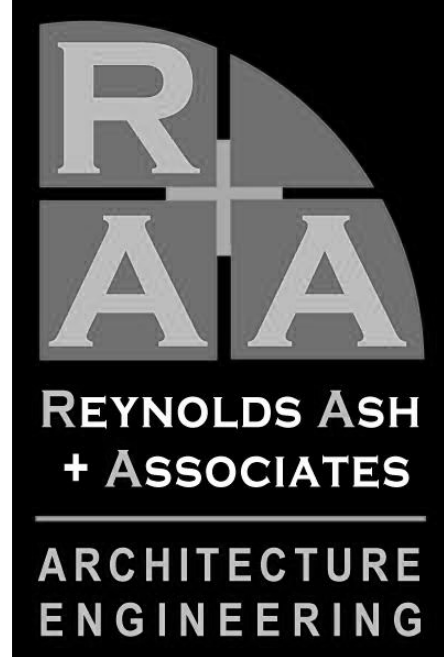
PRINT DATE: 5/11/2023 1:59:15 PM

| KEYED NOTES | |
|-------------|---|
| 23.01 | REPLACE EXISTING 105 MBH INPUT PROPANE FIRED INFRARED HEATER WITH NATURAL GAS FIRED INFRARED HEATER. PROVIDE A NEW THERMOSTAT. |
| 23.02 | REPLACE EXISTING PROPANE FIRED UNIT HEATER WITH NATURAL GAS FIRED UNIT HEATER. PROVIDE NEW 6" FLUE AND COMBUSTION AIR PIPES ROUTED THROUGH EXTERIOR WALL TO CONCENTRIC VENT KIT. INSTALL PER MANUFACTURER'S INSTRUCTIONS. |
| 23.03 | EXISTING THROUGH-WALL HVAC UNIT TO REMAIN. NO WORK. |
| 23.04 | ALL EXISTING DUCTWORK TO REMAIN. NO WORK. |
| 23.05 | ALL EXISTING DIFFUSERS AND GRILLES TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE. CLEAN AND RESTORE ALL. TYP. |
| 23.06 | REPLACE EXISTING 52.5 MBH INPUT PROPANE FIRED INFRARED HEATER WITH NATURAL GAS FIRED INFRARED HEATER. PROVIDE A NEW THERMOSTAT. |
| 23.07 | REPLACE EXISTING 17.5 MBH INPUT PROPANE FIRED INFRARED HEATER WITH NATURAL GAS FIRED INFRARED HEATER. PROVIDE A NEW THERMOSTAT. |

| KEYED NOTES | |
|-------------|---|
| 23.08 | REPLACE EXISTING CEILING EXHAUST FAN. |
| 23.17 | BALANCE THE 4" DIAMETER EXHAUST DUCT CONNECTING TO THE LOCKERS TO 50 CFM, TYPICAL. |
| 23.18 | REMOVE AND DISPOSE OF EXISTING RADIANT HEATER AND ASSOCIATED CONTROLS. |
| 23.19 | MOUNT THE ROOF EXHAUSTER SPEED CONTROLLER ON WALL. RFX# INDICATES ASSOCIATED ROOF EXHAUSTER TO BE CONTROLLED. TYPICAL. |
| 23.24 | PROVIDE NEW NATURAL GAS FIRED UNIT HEATER. PROVIDE NEW 4" FLUE AND COMBUSTION AIR PIPES ROUTED THROUGH EXTERIOR WALL TO CONCENTRIC VENT KIT. INSTALL PIPES PER MANUFACTURER'S INSTRUCTIONS. |



MECHANICAL PLAN - 1ST FLOOR
1/8" = 1'-0"

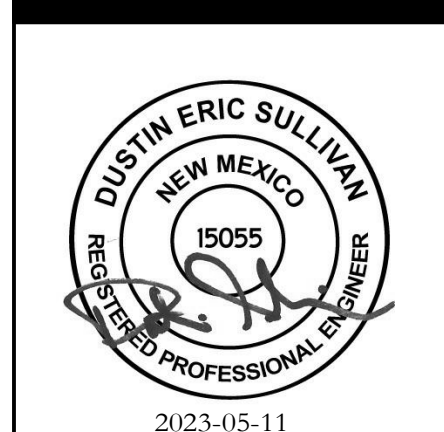


REYNOLDS ASH + ASSOCIATES
ARCHITECTURE
ENGINEERING

1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

262 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81147

RA-AE.COM



2023-05-11

SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: ME&E

ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

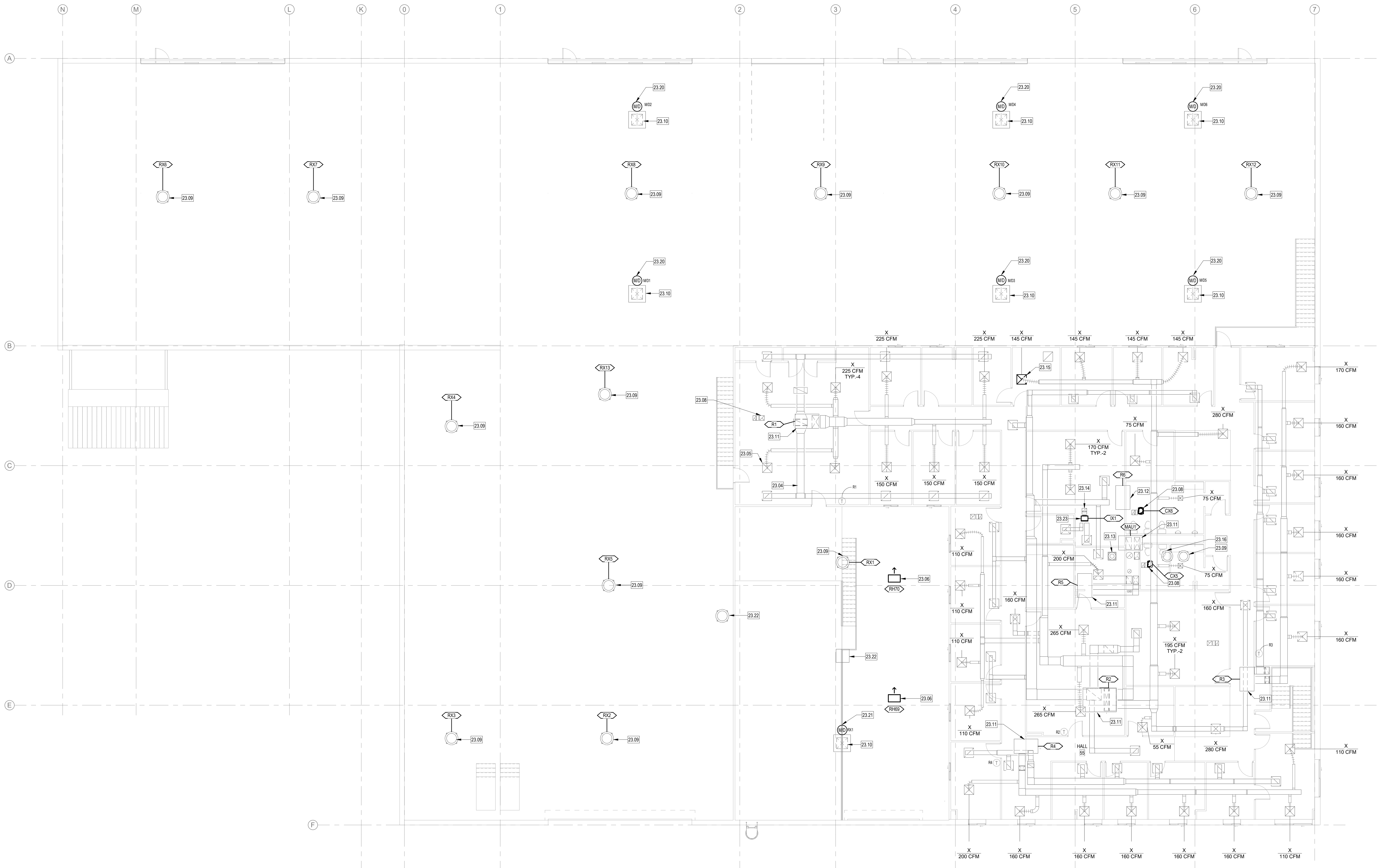
| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |

M101
MECHANICAL PLAN
- 1ST FLOOR

PRINT DATE: 5/11/2023 3:22:00 PM

| KEYED NOTES | |
|-------------|--|
| 23.04 | ALL EXISTING DUCTWORK TO REMAIN, NO WORK. |
| 23.05 | ALL EXISTING DIFFUSERS AND GRILLES TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE. CLEAN AND RESTORE ALL. TYP. |
| 23.06 | REPLACE EXISTING 52.5 MBH INFLU PROPANE FIRED INFRARED HEATER WITH NATURAL GAS FIRED INFRARED HEATER. PROVIDE A NEW THERMOSTAT. |
| 23.08 | REPLACE EXISTING CEILING EXHAUST FAN. |
| 23.09 | REPLACE EXISTING ROOF MOUNTED FAN. SEE DETAIL. |
| 23.10 | ABANDON EXISTING ROOF MOUNTED FAN IN PLACE. REMOVE EXISTING BACKDRAFT DAMPER AND REPLACE WITH A MOTORIZED DAMPER. SEE DETAIL. |
| 23.11 | REPLACE EXISTING PROPANE GAS GRIFICE WITH NEW NATURAL GAS GRIFICE. UNDER ALTERNATE BID. REPLACE ROOFTOP UNIT. SEE SCHEDULES. |
| 23.12 | COOLING ONLY UNIT. NO WORK UNDER ALTERNATE BID. REPLACE ROOFTOP UNIT. SEE SCHEDULES. DUCT ROUTING AND DIFFUSER QUANTITY AND LOCATIONS ARE UNKNOWN. BALANCE ALL EXISTING DIFFUSERS EQUALLY TO ACHIEVE SCHEDULED NEW UNIT AIRFLOW. |
| 23.13 | REMOVE EXISTING ROOF MOUNTED PRINTER EXHAUST FAN. CAP AND SEAL. ROOF CURB. |
| 23.14 | RELOCATE EXHAUST FAN TERMINATION THROUGH ROOF TO BE MIN. 10' AWAY FROM MAU-1 INTAKE. |

| KEYED NOTES | |
|-------------|--|
| 23.15 | REPLACE EXISTING DAMAGED DIFFUSER. "KRUEGER" 1450A OR EQUAL. |
| 23.16 | ROOF EXHAUSTERS TO REMAIN. |
| 23.20 | PROVIDE A WALL SWITCH TO CONTROL MOTORIZED DAMPERS. SEE 1ST FLOOR PLAN FOR LOCATIONS. ONE WALL SWITCH SHALL CONTROL TWO DAMPERS. MOTORIZED DAMPERS SHALL OPEN WHEN ASSOCIATED WALL SWITCH IS TURNED ON. TRANSITION FROM ORIGINAL FAN CONNECTION TO THE 30"x30" DAMPER AS REQUIRED. TYPICAL. SEE MAKEUP AIR HOOD DETAIL FOR MORE INFORMATION. |
| 23.21 | INTERCONNECT 30"x30" MOTORIZED DAMPER TO OPEN UPON ACTIVATION OF ASSOCIATED ROOF EXHAUSTER. RWF INDICATES ASSOCIATED ROOF EXHAUSTER TO BE INTERCONNECTED WITH. TYPICAL. TRANSITION FROM ORIGINAL FAN CONNECTION TO THE 30"x30" DAMPER AS REQUIRED. TYPICAL. SEE MAKEUP AIR HOOD DETAIL FOR MORE INFORMATION. |
| 23.22 | ABANDON FAN IN PLACE. |
| 23.23 | REPLACE EXISTING INLINE FAN. REUSE EXISTING CONTROLS. MODIFY DUCTWORK AS REQUIRED TO CONNECT TO NEW FAN. |



REYNOLDS ASH
+ ASSOCIATES
ARCHITECTURE
ENGINEERING

1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

202 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81147

RA-AE.COM



2023-05-11

SAN JUAN COUNTY INDUSTRIAL
PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: JS

ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

REVISIONS:

M102
MECHANICAL PLAN
- 2ND FLOOR

CEILING EXHAUSTER SCHEDULE

CEILING EXHAUSTER: CEILING MOUNTED FAN WITH INTEGRAL ALUMINUM GRILLE, FAN MOUNTED SPEED CONTROL, VIBRATION ISOLATORS, HANGING RODS AND BACKDRAFT DAMPER, "COOK"

| UNIT NO. | MODEL | CFM | ESP (W.C.) | WATTS | VOLTS | PHASE | WEIGHT (LBS.) |
|----------|--------|-----|------------|-------|-------|-------|---------------|
| CK1 | GC-146 | 70 | 25 | 38 | 120 V | 1 | 14 |
| CK2 | GC-146 | 70 | 25 | 38 | 120 V | 1 | 14 |
| CK3 | GC-146 | 70 | 25 | 38 | 120 V | 1 | 14 |
| CK4 | GC-146 | 70 | 25 | 38 | 120 V | 1 | 14 |
| CK5 | GC-168 | 140 | 25 | 44 | 120 V | 1 | 24 |
| CK6 | GC-642 | 350 | 25 | 96 | 120 V | 1 | 38 |
| CK7 | GC-146 | 70 | 25 | 38 | 120 V | 1 | 14 |

UNIT HEATER SCHEDULE

UNIT HEATER: DIRECT VENT, 2-STAGE INDIRECT NATURAL GAS FIRED, 6,000 A.S.L. HIGH ALTITUDE KIT, DISCONNECT SWITCH, HORIZONTAL VENT KIT, BLOWER MOTOR, HORIZONTAL AIR DEFLECTOR BLADES, BLOWER ENCLOSURE, 5.0 PSIG INLET GAS PRESSURE REGULATOR BY PLUMBING CONTRACTOR, SEE PLUMBING DWGS. "REZNOR"

| UNIT NO. | MODEL | CFM | HEAT MBH INPUT | FLA | VOLTS | PHASE | WEIGHT (LBS.) | EFFICIENCY |
|----------|--------|------|----------------|-----|-------|-------|---------------|------------|
| LH1 | LDZ400 | 5123 | 400 | 11 | 120 V | 1 | 317 | 82 |
| LH2 | LDZ400 | 5123 | 400 | 11 | 120 V | 1 | 317 | 82 |
| LH3 | LDZ50 | 769 | 60 | 2.4 | 120 V | 1 | 71 | 82 |

EXISTING ROOFTOP UNIT SCHEDULE

ROOFTOP UNIT: EXISTING TO REMAIN, UNDER BASE BID REPLACE PROPANE ORIFICES WITH NATURAL GAS TYPE AS THE BUILDING IS SCHEDULED TO BE CONVERTED TO NATURAL GAS. 5.0 PSIG INLET GAS PRESSURE REGULATOR BY PLUMBING CONTRACTOR, SEE PLUMBING DWGS.

| UNIT NO. | MANUFACTURER | MODEL# | SERIAL# | COOLING | | | HEATING | | OUTSIDE AIR CFM | RETURN (W*H*) | DISCHARGE | WEIGHT | ELECTRICAL | | | | |
|----------|--------------|----------------|---------------|---------|------|----------|---------|--------|-----------------|---------------|-----------|--------|------------|------|-------|-------|---|
| | | | | CFM | MBH | COOL TON | MBH IN | MBH IN | | | | | MCA | MCCP | VOLTS | PHASE | |
| MAU1 | REZNOR | CRPVE-400-6-SZ | EAMB62-FL0877 | 3350 | 0 | 0 | 400 | 320 | CFM | 20'x14" | 20'x14" | DOWN | 1 | 1.8 | 15 A | 460 V | 3 |
| R1 | DAYANIGHT | S790P060120 | N/A | 1800 | 60 | 5 | 120 | 1 | CFM | 15'x34" | 20'x32" | DOWN | 1 | N/A | 15 A | 460 V | 3 |
| R2 | GOODMAN | GG10801401A | 0505044683 | 3640 | 104 | 8.5 | 138 | 1 | CFM | 37'x29" | 56'x12" | DOWN | 1 | 40.3 | 60 A | 208 V | 1 |
| R3 | BDP COMPANY | 555JE360 | 0787C86755 | 970 | 36 | 3 | 60 | 1 | CFM | 18'x10" | 18'x10" | SIDE | 1 | 8.9 | 15 A | 460 V | 3 |
| R4 | BDP COMPANY | 555JE360 | 0787C86756 | 1220 | 36 | 3 | 60 | 1 | CFM | 18'x12" | 18'x12" | SIDE | 1 | 8.9 | 15 A | 460 V | 3 |
| R5 | BDP COMPANY | 555JE360 | N/A | 1540 | 48 | 4 | 80 | 1 | CFM | 20'x14" | 20'x14" | SIDE | 1 | N/A | 15 A | 460 V | 3 |
| R6 | LENNOX | CHA16-413 | 5665L11435 | 1220 | 33.1 | 3 | 0 | 1 | CFM | N/A | N/A | DOWN | 402 | 9 | 15 A | 460 V | 3 |

ROOFTOP UNIT SCHEDULE

ROOFTOP UNIT: SINGLE ZONE VAV, NATURAL GAS FIRED, R-410A ELECTRIC COOLING, LOUVERED HAIL GUARD, 6,000' ASL HIGH ALTITUDE HEATING, TWO STAGE CAPACITY CONTROL SCROLL COMPRESSOR, TWO STAGES OF HEATING, BAROMETRIC RELIEF, DRY-BULB ECONOMIZER, ROOF CURB, ECM DIRECT DRIVE SUPPLY FAN, INTEGRAL DISCONNECT SWITCH, HINGED ACCESS DOORS, 2" MERV 13 FILTERS AND RACK, DDC OPEN CONTROLLER FOR FUTURE CONNECTION, PROGRAMMABLE THERMOSTAT, SUPPLY DUCT SMOKE DETECTOR (R2 ONLY), POWERED CONVENIENCE OUTLET, AMBIENT CONDITIONS = 90°/60°F COOLING, 5.0 PSIG INLET GAS PRESSURE REGULATOR BY PLUMBING CONTRACTOR, SEE PLUMBING DWGS. "CARRIER"

| UNIT NO. | MODEL | COOLING | | HEAT | | OSA CFM | EAT DB | EAT WB | INLET (W*H*) | OUTLET (W*H*) | DISCHARGE | WEIGHT | ELECTRICAL | | | EER | BID | |
|----------|--------|---------|-----|------|-----|---------|--------|--------|--------------|---------------|-----------|--------|------------|------|-------|-----|------|-----------|
| | | CFM | MBH | MBH | ESP | | | | | | | | MCA | MCCP | VOLTS | | | PHASE |
| R1 | 48LC05 | 1800 | 60 | 120 | 1 | 249 | 80 F | 60 F | 26'x11" | 13'x18" | DOWN | 900 | 17 | 20 | 460 V | 3 | 12.7 | ALTERNATE |
| R2 | 48LC09 | 3640 | 104 | 160 | 1 | 651 | 80 F | 60 F | 48'x13" | 34'x27" | DOWN | 1806 | 28 | 35 | 460 V | 3 | 13.5 | ALTERNATE |
| R3 | 48LC04 | 970 | 36 | 60 | 1 | 93 | 80 F | 60 F | 26'x11" | 12'x18" | SIDE | 805 | 14 | 20 | 460 V | 3 | 12.8 | ALTERNATE |
| R4 | 48LC04 | 1220 | 36 | 60 | 1 | 108 | 80 F | 60 F | 26'x11" | 12'x18" | SIDE | 805 | 14 | 20 | 460 V | 3 | 12.8 | ALTERNATE |
| R5 | 48LC05 | 1540 | 48 | 80 | 1 | 246 | 80 F | 60 F | 26'x11" | 12'x18" | SIDE | 890 | 15 | 20 | 460 V | 3 | 13.1 | ALTERNATE |
| R6 | 50LC04 | 1220 | 36 | 0 | 1 | 201 | 80 F | 60 F | 26'x11" | 12'x18" | SIDE | 694 | 14 | 20 | 460 V | 3 | 12.8 | ALTERNATE |

MAKEUP AIR UNIT SCHEDULE

MAKEUP AIR UNIT: INDIRECT NATURAL GAS FIRED, 80% EFF, 6,000 A.S.L. PROVIDE MODULATING OUTSIDE AIR AND RETURN AIR DAMPER, STAINLESS STEEL HEAT EXCHANGER, TWO-STAGE GAS VALVE, 2" FILTER RACK WITH MERV8 2" FILTERS, REMOTE PROGRAMMABLE THERMOSTAT, MOTOR STARTER, PROVIDE ADAPTER ROOF CURB, 5.0 PSIG INLET GAS PRESSURE REGULATOR BY PLUMBING CONTRACTOR, SEE PLUMBING DWGS. "REZNOR"

| UNIT NO. | MODEL | CFM | HEAT MBH INPUT | HP | VOLTS | PHASE | WEIGHT (LBS.) | BID | |
|----------|--------|------|----------------|-----|-------|-------|---------------|-----|-----------|
| MAU1 | RPB400 | 3350 | 75 | 400 | 3 | 460 V | 3 | 933 | ALTERNATE |

INLINE EXHAUSTER SCHEDULE

INLINE EXHAUSTER: FAN WITH HANGING BRACKETS, VIBRATION ISOLATORS, HANGING RODS, FAN SPEED CONTROL, AND BACKDRAFT DAMPER, "COOK"

| UNIT NO. | MODEL | CFM | ESP (W.C.) | WATTS | VOLTS | PHASE | WEIGHT (LBS.) |
|----------|--------|-----|------------|-------|-------|-------|---------------|
| IX1 | GN-622 | 335 | 0.25 | 85 | 120 V | 1 | 27 |

DAMPER SCHEDULE

M/D MOTORIZED DAMPER: EXTRUDED ALUMINUM OPPOSED BLADE WITH BELIMO 24V POWER, 0-10VDC CONTROL INPUT, SPRING RETURN ACTUATOR, CLASS 1 MAXIMUM LEAKAGE RATE AT 4 CFM PER SQ.FT. AT 1.0" W.C. AMCA 500D TESTED, PROVIDE 120V/24V TRANSFORMER, "RUSKIN" MODEL TED50

MECHANICAL LEGEND

| LINE WEIGHT | DESCRIPTION |
|--------------|--|
| --- | THIN LINE AND GRAY SCALE INDICATE EXISTING TO REMAIN |
| --- | WIDE DASHED INDICATE EXISTING TO BE DEMOLISHED |
| --- | SOLID BLACK INDICATES NEW |
| SYMBOL | DESCRIPTION |
| A2-g | DIFFUSER DESIGNATION |
| CFM | UNIT DESIGNATION |
| 23.00 | KEYED NOTE |
| CD | POINT OF CONNECTION |
| HWS | CONDENSATE DRAIN |
| HWR | HEATING WATER SUPPLY |
| HWR | HEATING WATER RETURN |
| 2-WAY VALVE | 2-WAY VALVE |
| 3-WAY VALVE | 3-WAY VALVE |
| B | BALL VALVE |
| B | BUTTERFLY VALVE |
| PLUG | PLUG, CIRCUIT SETTER OR GAUGE COCK |
| COCK | GAS COCK |
| TM | THERMOMETER |
| CV | CHECK VALVE |
| RV | RELIEF VALVE |
| ST | STRAINER |
| UN | UNION |
| GV | GATE VALVE |
| SN | SOLENOID |
| PRV | REDUCED PRESSURE BACKFLOW PREVENTER |
| CD | CLEAR INSIDE DUCT DIMENSION (NEW) |
| HHHHH | FLEX DUCT |
| ☒ | SUPPLY DIFFUSER (TAGGED WITH DIFFUSER DESIGNATION) |
| ☒ | RETURN GRILLE (TAGGED WITH DIFFUSER DESIGNATION) |
| ☒ | EXHAUST GRILLE (TAGGED WITH DIFFUSER DESIGNATION) |
| → | SIDEWALL SUPPLY |
| ← | SIDEWALL RETURN |
| ⊗ | MOTORIZED, FIRE, FIRE/SMOKE OR VOLUME DAMPER |
| ⊕ | THERMOSTAT, REMOTE SENSOR OR HUMIDISTAT |
| ⊖ | DUCT SMOKE/ CARBON MONOXIDE DETECTOR |
| ⊙ | CARBON DIOXIDE SENSOR |
| ABBREVIATION | DESCRIPTION |
| ADJ | ADJUSTABLE |
| APD | AIR PRESSURE DROP |
| CFM | CUBIC FEET PER MINUTE |
| DB | DRY BULB TEMPERATURE |
| EA | EXHAUST AIR |
| EAT | ENTERING AIR TEMPERATURE |
| ESP | EXTERNAL STATIC PRESSURE |
| EWT | ENTERING WATER TEMPERATURE |
| GPM | GALLONS PER MINUTE |
| GWR | GEO THERMAL WATER RETURN |
| GWS | GEO THERMAL WATER SUPPLY |
| HWR | HEATING WATER RETURN |
| HWS | HEATING WATER SUPPLY |
| LAT | LEAVING AIR TEMPERATURE |
| LWT | LEAVING WATER TEMPERATURE |
| OA | OUTSIDE AIR |
| PG | PROPYLENE GLYCOL |
| RA | RETURN AIR |
| RZ | RADIANT ZONE |
| SA | SUPPLY AIR |
| SMR | SNOWMELT RETURN |
| SMS | SNOWMELT SUPPLY |
| SZ | SNOWMELT ZONE |
| TSP | TOTAL STATIC PRESSURE |
| WB | WET BULB TEMPERATURE |
| WPD | WATER PRESSURE DROP |
| XFER | TRANSFER AIR |

NOTE: SYMBOLS AND ABBREVIATIONS ILLUSTRATED ABOVE MAY NOT APPEAR ON THE PLANS

MECHANICAL GENERAL NOTES

- PROVIDE AND INSTALL ALL MATERIAL AND EQUIPMENT AS REQUIRED BY UPC, UMC, NFPA, LIFE SAFETY CODE, GAS CODE, AND ALL OTHER LOCAL CODES AND ORDINANCES THAT APPLY, WHERE THERE IS A DISCREPANCY BETWEEN THE CODES OR ORDINANCES AND THE DRAWINGS, THE MORE STRINGENT APPLICATION SHALL APPLY.
- LAYOUT AND INSTALL COMPLETE AND FUNCTIONAL MECHANICAL SYSTEMS, INCLUDING TEMPORARY CUTOFF OF EXISTING UTILITIES, PERFORM ALL CUTTING, PATCHING, AND REPAIR ASSOCIATED WITH INSTALLING THE SYSTEMS.
- VIBRATIONALLY ISOLATE ALL EQUIPMENT AND PIPING FROM THE BUILDING STRUCTURE, COORDINATE TO ASSURE THAT AS QUOTED AN OPERATING SYSTEM IS POSSIBLE IS INSTALLED.
- VERIFY THAT DUCTWORK AND ALL EQUIPMENT SPECIFIED IS CORRECT FOR FIELD INSTALLATION BEFORE ORDERING OR FABRICATING. PROVIDE A WRITTEN REQUEST FOR INFORMATION TO THE ENGINEER FOR A RULING ON HOW TO PROCEED IF CONDITIONS EXIST THAT WILL NOT ALLOW FOR THE INSTALLATION OF THE EQUIPMENT SPECIFIED.
- PROVIDE ALL DUCTWORK CONNECTIONS AND TRANSITIONS AT LOCATIONS WHERE REQUIRED, CONSTRUCT ALL TRANSITIONS AND CONNECTIONS ACCORDING TO SMACNA STANDARDS.
- TESTING AND BALANCING AGENCY: PROVIDE AND INSTALL SHEAVES AND ALL EQUIPMENT NECESSARY TO PROVIDE PLUS OR MINUS 10% OF THE CFM REQUIRED FROM EACH OFFENDER AND REGISTER.
- PROVIDE AND INSTALL ALL MECHANICAL EQUIPMENT, TRANSFORMERS, RELAYS, AND OTHER ITEMS NECESSARY FOR A COMPLETE OPERATING SYSTEM, COMPLETE ALL 24 VOLT CONTROL WIRING AND EQUIPMENT TO THE ABOVE. ALL LINE VOLTAGE WIRING TO THE ABOVE SHALL BE COMPLETED BY THE ELECTRICAL CONTRACTOR, REFER TO COORDINATION SCHEDULE ON ELECTRICAL DRAWINGS.
- ALTER DIMENSIONS OF THE DUCTWORK IN THE CEILING SPACE FROM SIZES INDICATED ON THE DRAWINGS AT SPECIFIC LOCATIONS WHEN NECESSARY TO FIT THE DUCTWORK IN THE SPACE PROVIDED. REMOVE DUCTWORK IN CEILING SPACE TO AVOID OTHER MECHANICAL EQUIPMENT, LIGHT FIXTURES, ETC. MAINTAIN THE SAME FREE AREA AND SUBMIT PROPOSED CHANGES TO THE ENGINEER FOR APPROVAL. BE RESPONSIBLE VERIFYING SPACE LIMITATIONS BEFORE DUCTWORK FABRICATION AND MAKE CHANGES ACCORDINGLY. PROVIDE ALL NECESSARY TRANSITIONS.
- COORDINATE ALL PROPOSED ROOF PENETRATIONS WITH GENERAL CONTRACTOR AND ARCHITECT AND RELOCATE IF NECESSARY.
- PROVIDE ONE UNION AT ALL VALVES OR SUITABLE MEANS OF REMOVAL WITHOUT PIPE CUTTING ON SCREWED PIPING, UNIONS REQUIRED ON COPPER PIPING AT EQUIPMENT CONNECTION.
- REVIEW ALL EQUIPMENT AND MATERIALS TO BE PROVIDED WITH THE OWNER FOR SALVAGE RIGHTS, EQUIPMENT AND MATERIAL NOT SELECTED BY OWNER TO BE DISPOSED OF BY THIS CONTRACTOR.
- PROVIDE TURNING VANES IN ALL RECTANGULAR DUCTWORK AT ELBOWS AND TEES WHETHER SHOWN ON THE PLANS OR NOT. THE ONLY EXCEPTION IS RETURN AIR TRANSFER DUCTS BETWEEN ROOMS.
- FIELD VERIFY THAT ALL NEW DUCTWORK CAN FIT WITHIN THE SPACE PROVIDED PRIOR TO FABRICATING ANY NEW DUCTWORK. EXISTING DUCTWORK SHOWN IS FROM ORIGINAL AS-BUILT DRAWINGS AND NOT ALL CONFIGURATIONS HAVE BEEN VERIFIED.
- PROVIDE DUCT SMOKE DETECTORS, SHUTDOWN CONTROLS, AND AUDIBLE/VISIBLE NOTIFICATION DEVICES PER MECHANICAL CODE AND BUILDING CODE WHERE REQUIRED, COORDINATE CONNECTION TO BUILDING FIRE ALARM SYSTEM, IF REQUIRED.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS OR ASSEMBLIES SHALL BE COMPLETED IN A MANNER THAT MAINTAINS THE FIRE RATING OF THE WALL OR ASSEMBLY.

ROOF EXHAUSTER SCHEDULE

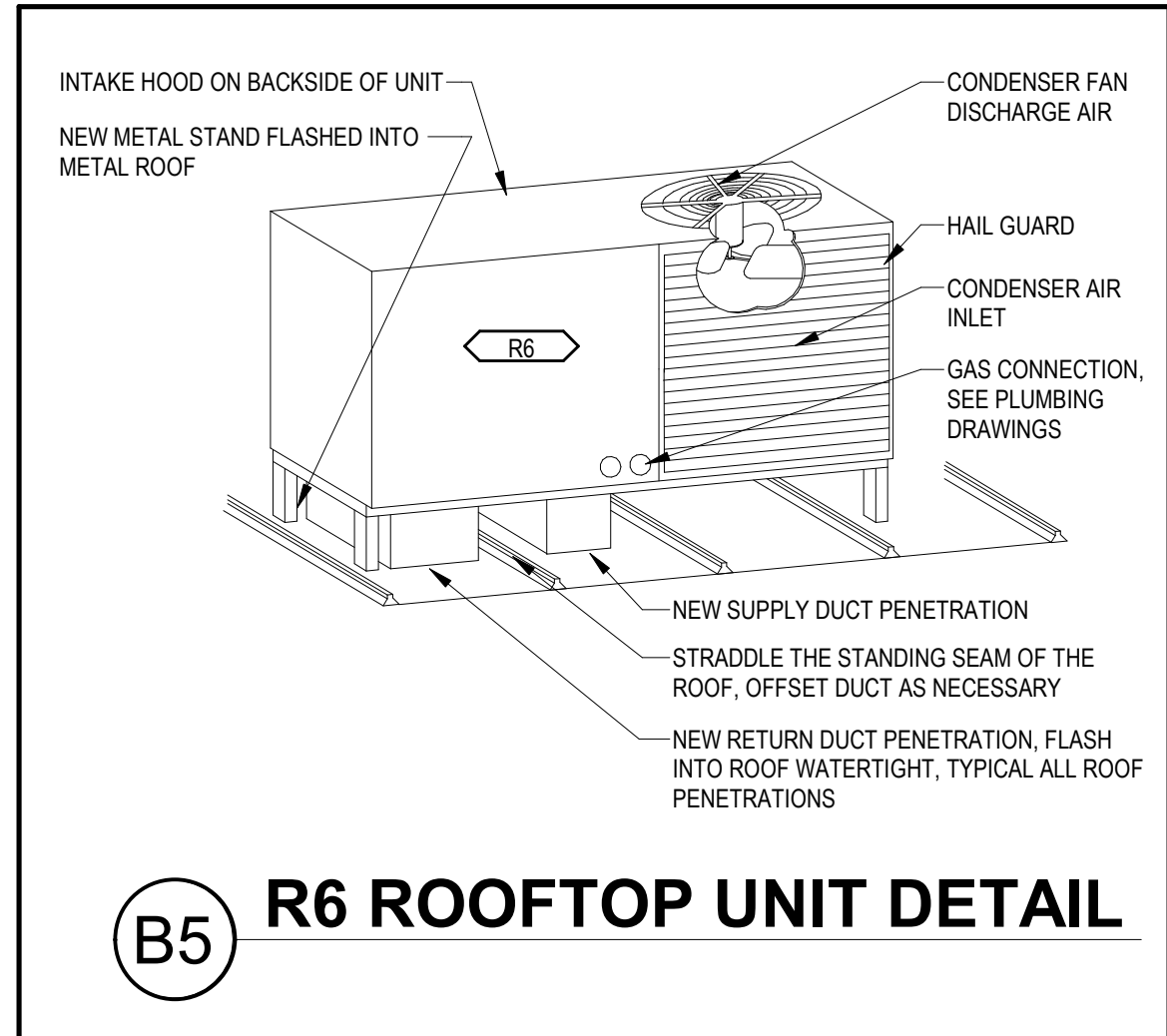
ROOF MOUNTED EXHAUSTER: ALUMINUM FAN WITH DISCONNECT SWITCH, BIRDSCREEN, ADAPTER ROOF CURB, WALL MOUNTED SPEED CONTROLLER AND BACKDRAFT DAMPER, "COOK"

| UNIT NO. | MODEL | CFM | ESP (W.C.) | HP | VOLTS | PHASE | WEIGHT (LBS.) |
|----------|-----------|------|------------|-----|-------|-------|---------------|
| RX1 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 51 |
| RX2 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX3 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX4 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX5 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX6 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX7 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX8 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX9 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX10 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX11 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX12 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |
| RX13 | 165C17DVF | 3333 | 0.25 | 625 | 120 V | 1 | 61 |

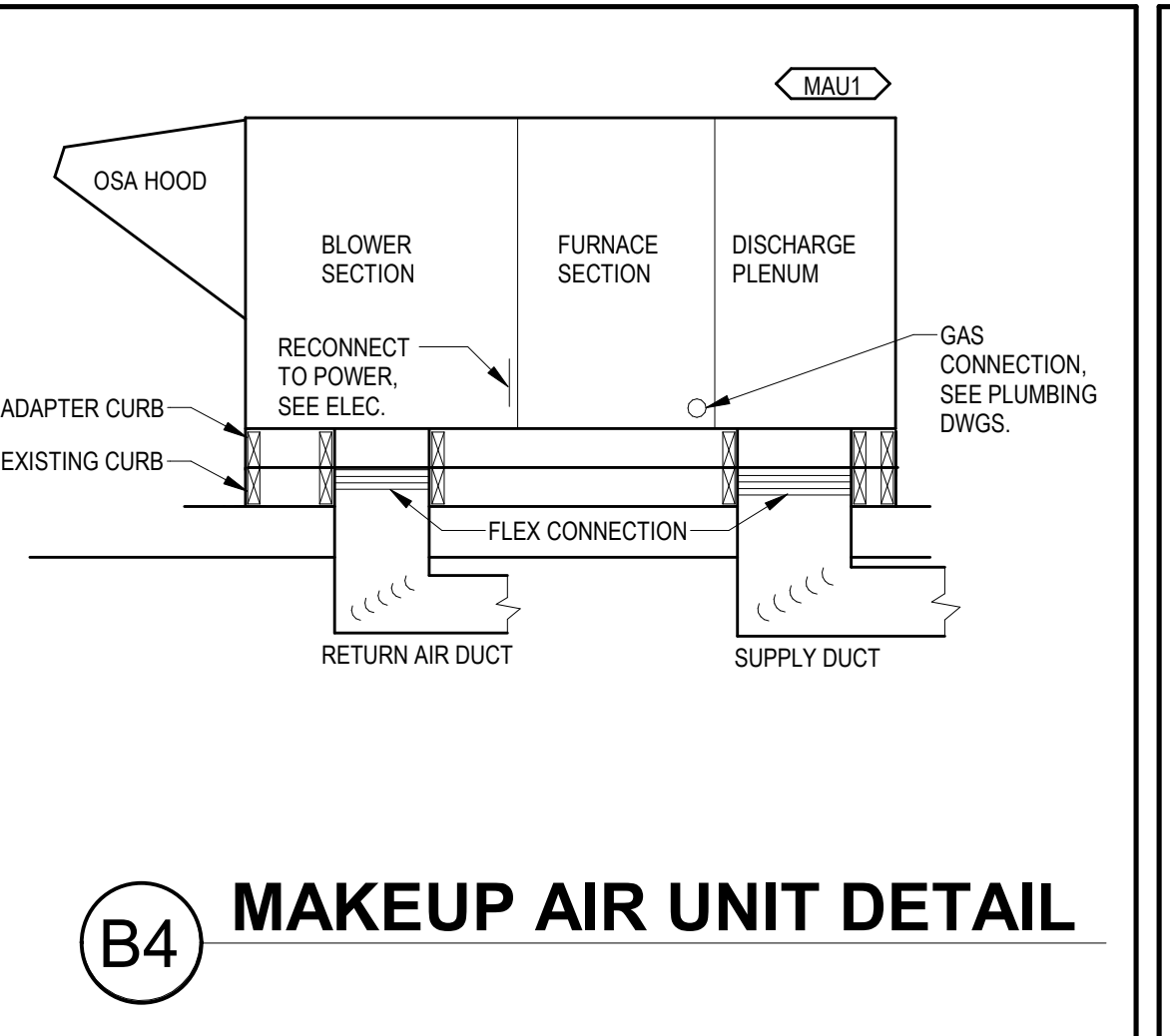
RADIANT HEATER SCHEDULE

RADIANT HEATER: DIRECT FIRED, NATURAL GAS FIRED 6,000 A.S.L., SOLENOID GAS VALVE, DIRECT SPARK IGNITION, 120V/24V THERMOSTAT AND TRANSFORMER, 5.0 PSIG INLET GAS PRESSURE REGULATOR BY PLUMBING CONTRACTOR, SEE PLUMBING DWGS. "REZNOR"

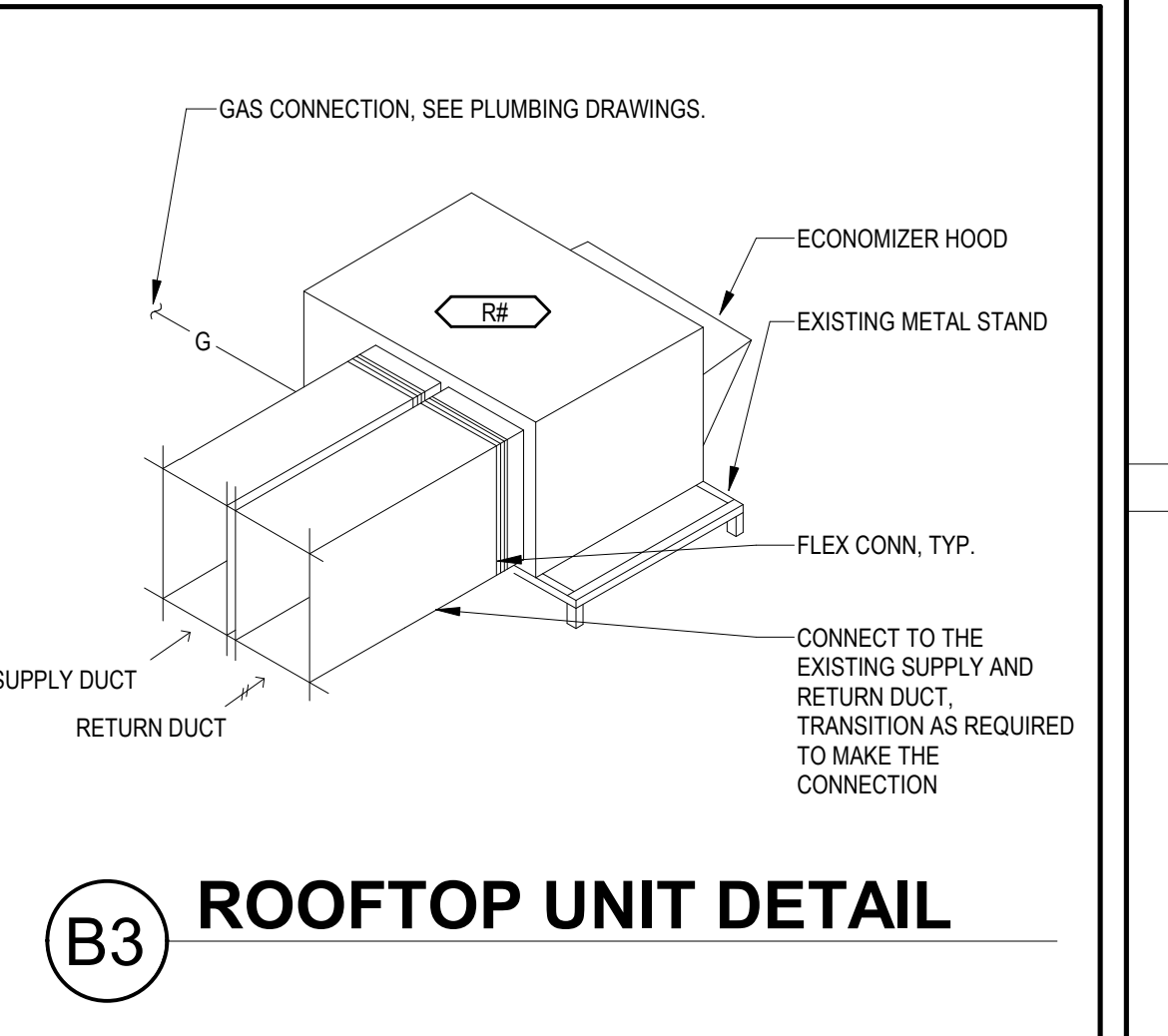
| UNIT NO. | MODEL | HEAT MBH INPUT | VOLTS | PHASE | WATTS | WEIGHT (LBS.) |
|----------|---------|----------------|-------|-------|-------|---------------|
| RH30 | RHN 30 | 30 | 120 V | 1 | 16.8 | 30 |
| RH31 | RHN 30 | 30 | 120 V | 1 | 16.8 | 30 |
| RH32 | RHN 30 | 30 | 120 V | 1 | 16.8 | 30 |
| RH33 | RHN 30 | 30 | 120 V | 1 | 16.8 | 30 |
| RH61 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH62 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH63 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH64 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH65 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH66 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH67 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH68 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH69 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH70 | RHN 60 | 60 | 120 V | 1 | 16.8 | 30 |
| RH100 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH101 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH102 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH103 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH104 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH105 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH106 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH107 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH108 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH109 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH110 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |
| RH111 | RHN 100 | 100 | 120 V | 1 | 16.8 | 36 |

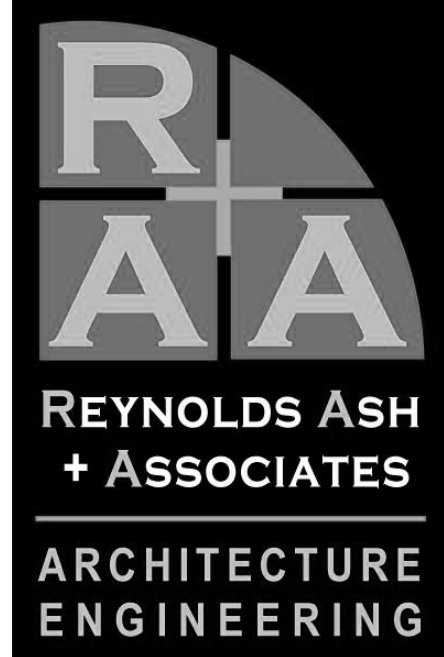


B5 R6 ROOFTOP UNIT DETAIL



B4 MAKEUP AIR UNIT DETAIL



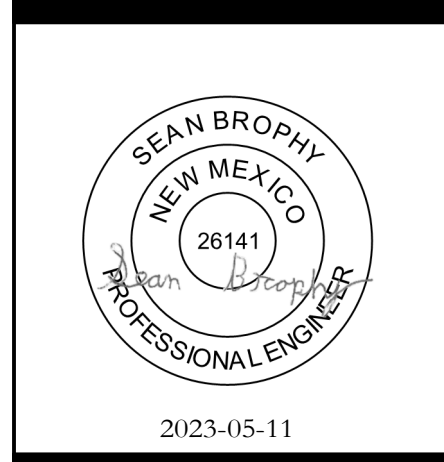


1140 MAIN AVE, STE. B
 DURANGO, CO 81301
 (970) 259-7094
 FAX (970) 259-7492

202 PAGOSA STREET, STE. 200
 P.O. BOX 96
 PAGOSA SPRINGS, CO 81147
 RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C.
 EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO THE ORIGINAL FEDERAL LAW PROJECTS. THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C.



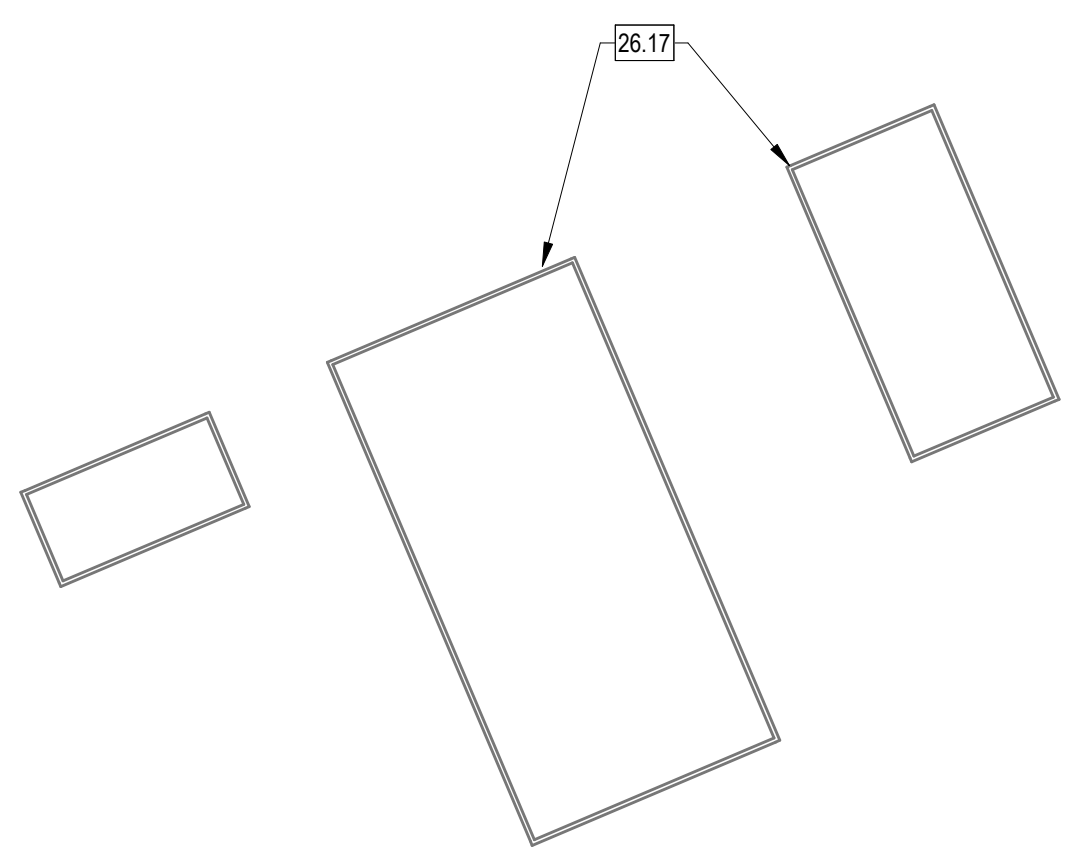
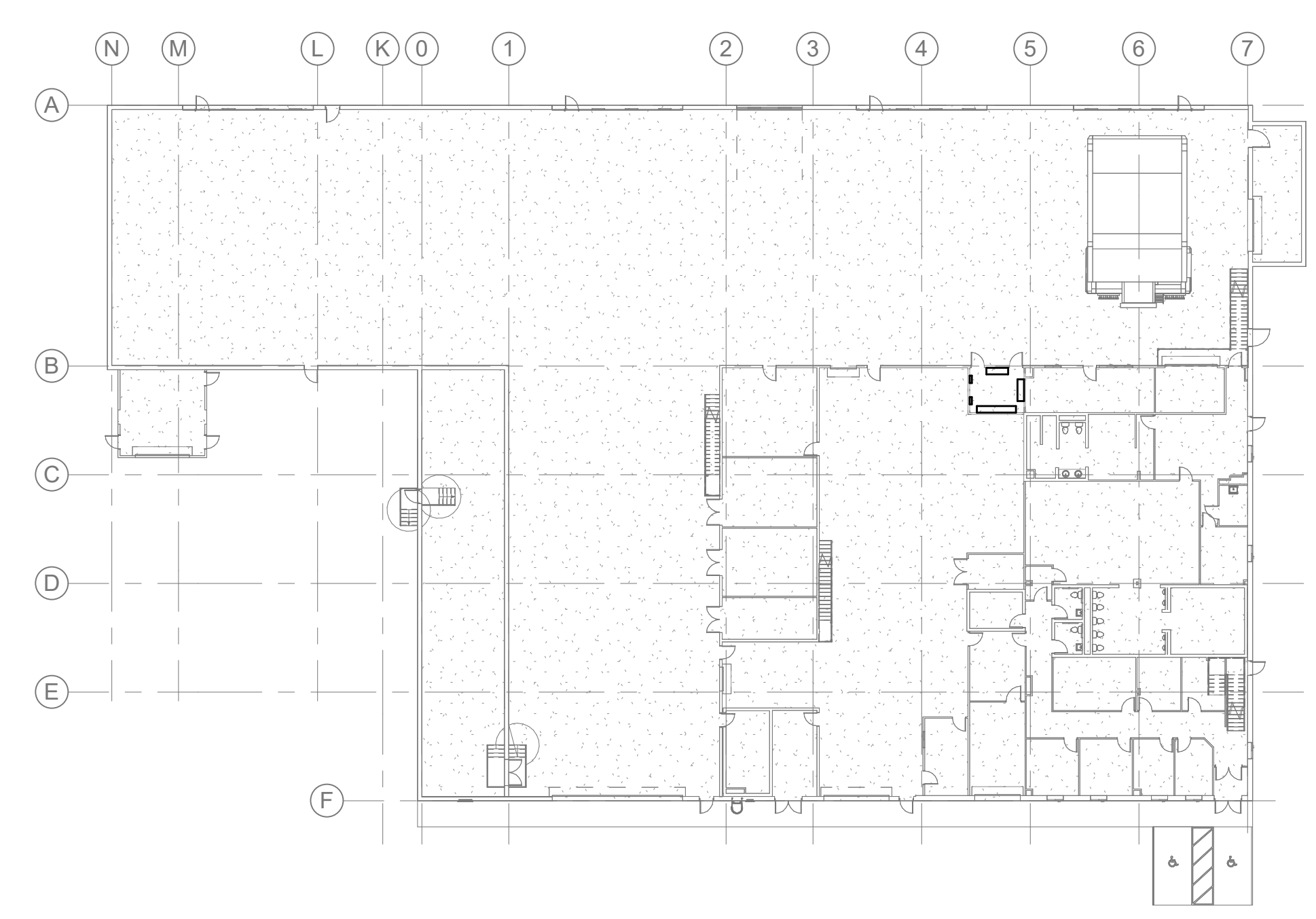
SAN JUAN COUNTY INDUSTRIAL PARK
 RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
 DATE: 2023-05-15
 DRAWN BY: ME&E

| ISSUE RECORD: |
|--------------------|
| 2023-02-17 100% SD |
| 2023-03-31 DD |
| 2023-05-15 CD |

| REVISIONS: |
|------------|
| |
| |
| |

E100
 ELECTRICAL SITE PLAN



ELECTRICAL SITE PLAN
 1" = 30'-0"

ELECTRICAL GENERAL NOTES

- 1 LIGHTING: PROVIDE ADDITIONAL CONDUCTORS AND PATHWAYS AS REQUIRED FOR LIGHTING AND CONTROLS WORK.
- 2 PATCH AND REPAIR PATCH, PAINT, AND REPAIR ALL SURFACES AFFECTED BY LIGHTING REPLACEMENT PER ARCHITECT. PROVIDE NEW 2X4 CEILING TILES WHERE FIXTURES ARE NOT BEING REPLACED.

KEYED NOTES

- 26.01 EXISTING 2X4 LAY-IN FLUORESCENT T12 FIXTURES TO BE REPLACED WITH NEW LAY-IN LED LIGHTING.
- 26.02 EXISTING SURFACE MOUNT FLUORESCENT T12 FIXTURES TO BE REPLACED WITH NEW SURFACE MOUNT LED LIGHTING.
- 26.03 EXISTING LOW-BAY FIXTURES TO BE REPLACED WITH NEW LED PENDANT-MOUNT LOW-BAY LIGHTING.
- 26.04 EXISTING EXTERIOR WALLPACKS TO BE REPLACED WITH NEW LED WALL-PACKS.
- 26.05 EXISTING BATTERY-BACKUP EGRESS LIGHTING TO BE REPLACED WITH NEW LED BATTERY BACKUP EGRESS LIGHTING.
- 26.06 EXISTING 8' WALL-MOUNT STRIPLIGHTS TO BE REPLACED WITH NEW LED STRIP LIGHTS.
- 26.09 EXISTING EXIT SIGNS TO BE REPLACED WITH NEW BATTERY BACKUP LED EXIT SIGNS.
- 26.10 EXISTING WET-LISTED STRIP LIGHT TO BE REPLACED WITH NEW WET-LISTED LED STRIP LIGHT.
- 26.11 EXISTING 4' FLUORESCENT WALL-MOUNT TO BE REPLACED WITH NEW LED ABOVE-MIRROR LIGHT.



REYNOLDS ASH + ASSOCIATES
ARCHITECTURE
ENGINEERING

1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

262 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81147

RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C. EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY FORBIDDEN. REYNOLDS ASH + ASSOCIATES, P.C. PROHIBITS THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C.



2023-05-11

SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: ME&E

ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

REVISIONS:

ED101
ELECTRICAL LIGHTING
DEMOLITION PLAN - 1ST
FLOOR

PRINT DATE: 5/11/2023 4:09:16 PM



1 ELECTRICAL LIGHTING DEMOLITION PLAN - 1ST FLOOR
1/8" = 1'-0"

ELECTRICAL GENERAL NOTES

- 1 LIGHTING: PROVIDE ADDITIONAL CONDUCTORS AND PATHWAYS AS REQUIRED FOR LIGHTING AND CONTROLS WORK.
- 2 PATCH AND REPAIR PATCH, PAINT, AND REPAIR ALL SURFACES AFFECTED BY LIGHTING REPLACEMENT PER ARCHITECT. PROVIDE NEW 2X4 CEILING TILES WHERE FIXTURES ARE NOT BEING REPLACED.

KEYED NOTES

- 26.01 EXISTING 2X4 LAY-IN FLUORESCENT T12 FIXTURES TO BE REPLACED WITH NEW LAY-IN LED LIGHTING.
- 26.02 EXISTING SURFACE MOUNT FLUORESCENT T12 FIXTURES TO BE REPLACED WITH NEW SURFACE MOUNT LED LIGHTING.
- 26.03 EXISTING LOW-BAY FIXTURES TO BE REPLACED WITH NEW LED PENDANT-MOUNT LOW-BAY LIGHTING.
- 26.04 EXISTING EXTERIOR WALLPACKS TO BE REPLACED WITH NEW LED WALL-PACKS.
- 26.05 EXISTING BATTERY-BACKUP EGRESS LIGHTING TO BE REPLACED WITH NEW LED BATTERY BACKUP EGRESS LIGHTING.
- 26.07 EXISTING COLUMN-MOUNT LIGHTING TO BE REMOVED.
- 26.08 EXISTING HIGH-BAY LIGHTING TO REMAIN, REPLACEMENT AS ALTERNATE BID.
- 26.09 EXISTING EXIT SIGNS TO BE REPLACED WITH NEW BATTERY-BACKUP LED EXIT SIGNS.
- 26.14 FAN TO BE REPLACED, RECONNECT NEW FAN, REUSE CONDUCTORS AND OVERCURRENT PROTECTION.
- 26.16 EQUIPMENT TO BE DEMOLISHED, REMOVE CIRCUIT BACK TO PANEL, IF EQUIPMENT IS ON SHARED CIRCUIT, MAINTAIN CONTINUITY OF CIRCUIT TO REMAINING EQUIPMENT.
- 27.01 EXISTING MDF ROOM AND ISP DEMARC. EXISTING RACK AND CABLING TO REMAIN. PROVIDE NEW PATCH PANEL FOR CABLING SCOPE.
- 27.04 TEST ALL EXISTING DATA CABLING FROM WALL JACKS TO PATCH PANEL. PROVIDE REPORT, APPROXIMATELY 96 CABLES.



140 MAIN AVENUE, STE. B
DURANGO, CO 81301
(970) 259-7004
FAX (970) 259-7492

202 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81147

RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C.
EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY FORBIDDEN. THE FEDERAL LAW PROHIBITS THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C.



2023-05-11

SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: ME&E

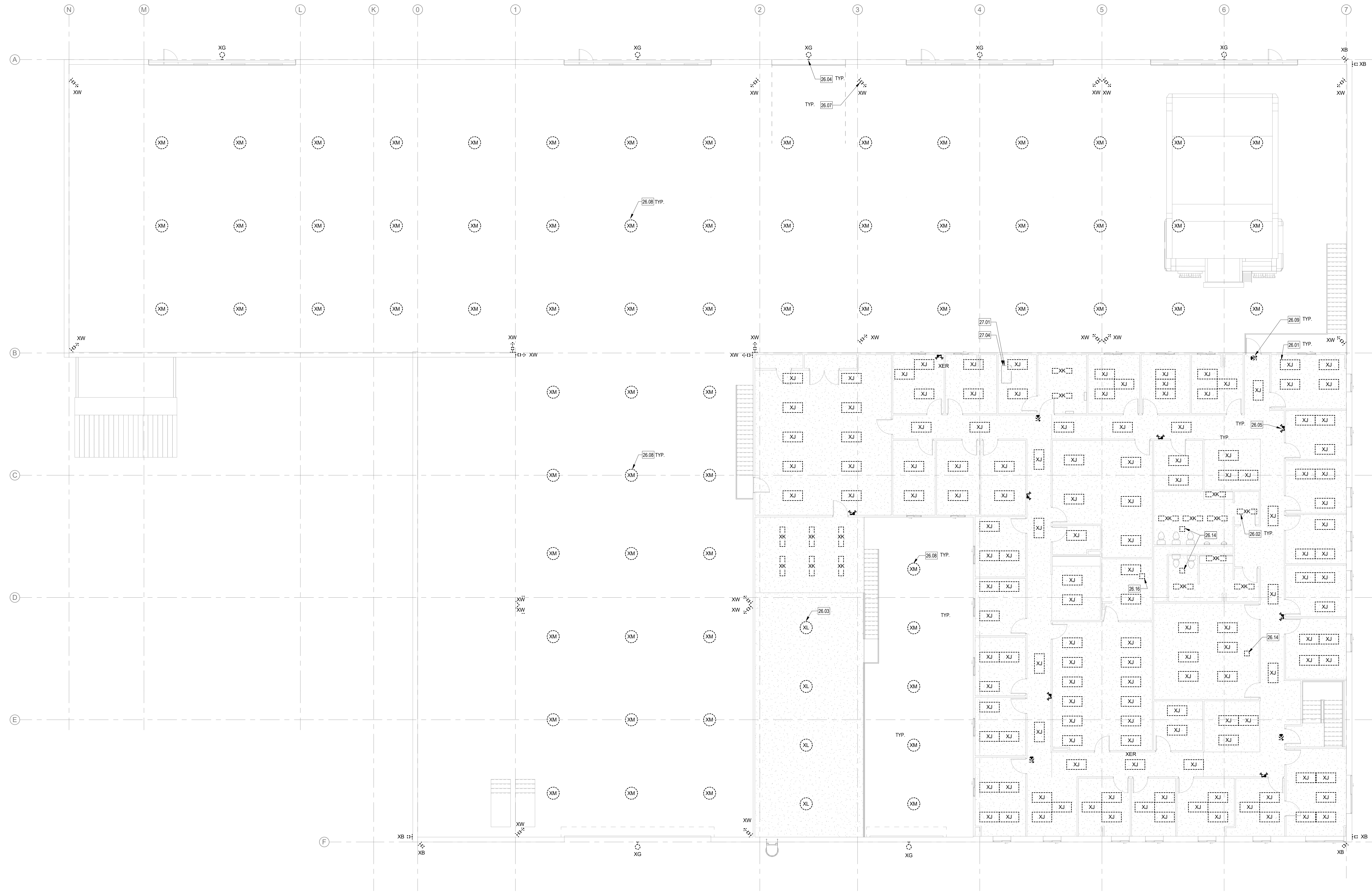
ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

REVISIONS:

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

ED102
ELECTRICAL LIGHTING
DEMOLITION PLAN - 2ND FLOOR

PRINT DATE: 5/11/2023 4:49:20 PM



1 ELECTRICAL LIGHTING DEMOLITION PLAN - 2ND FLOOR
1/8" = 1'-0"

ELECTRICAL GENERAL NOTES

- 1 LIGHTING: PROVIDE ADDITIONAL CONDUCTORS AND PATHWAYS AS REQUIRED FOR LIGHTING AND CONTROLS WORK.
- 2 PATCH AND REPAIR PATCH, PAINT, AND REPAIR ALL SURFACES AFFECTED BY LIGHTING REPLACEMENT PER ARCHITECT. PROVIDE NEW 2X4 CEILING TILES WHERE FIXTURES ARE NOT BEING REPLACED.

KEYED NOTES

- 26.18 ALTERNATE BID: PROVIDE 120V CIRCUIT TO J-BOX ABOVE CEILING FOR FUTURE ADA OPERATOR AND DOOR CONTROLS. CONNECT TO LOCAL RECEPTACLE CIRCUIT. PREP DOOR FRAMES FOR FUTURE ACCESS CONTROL. SEE TYPICAL DOOR PATHWAY DETAIL.
- 26.19 PROVIDE NEW CIRCUIT FOR ELECTRIC WATER COOLER. ROUTE CIRCUIT BACK TO PANEL DP-11 ON 2ND FLOOR. PROVIDE NEW 20A/1P BREAKER.
- 27.02 PROVIDE TWO CAT6 CABLES FROM EACH WIRELESS ACCESS POINT BACK TO A NEW PATCH-PANEL IN THE MDF ROOM.
- 27.06 PROVIDE WEATHERPROOF 2-GANG BOX AND COVER AT APPROX 12' ABOVE GRADE FOR FUTURE SECURITY CAMERA. PROVIDE CAT6 CABLE BACK TO IDF ROOM. PROVIDE 10' SERVICE LOOP IN IDF ROOM. PROVIDE 2' SERVICE LOOP IN WEATHERPROOF J-BOX.



REYNOLDS ASH + ASSOCIATES
ARCHITECTURE
ENGINEERING

1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

262 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81147

RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C.
EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY FORBIDDEN. THE ARCHITECT OF RECORD PROHIBITS THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C.



SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: ME&E

ISSUE RECORD:

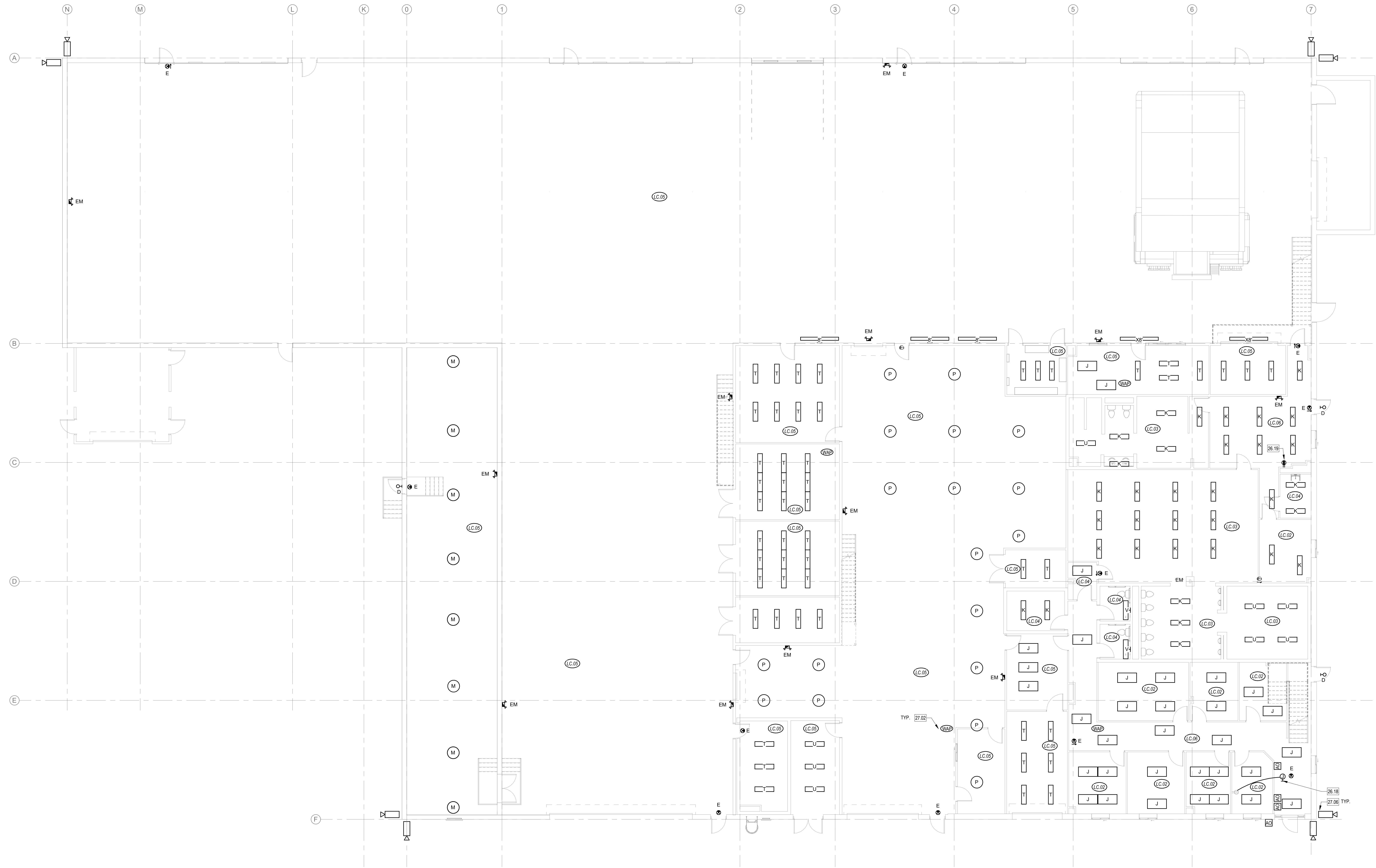
| | |
|------------|---------|
| 2023-02-17 | 100% SD |
| 2023-03-31 | DD |
| 2023-05-15 | CD |

REVISIONS:

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

EL101
ELECTRICAL LIGHTING
PLAN - 1ST FLOOR

PRINT DATE: 5/11/2023 4:49:23 PM



1 ELECTRICAL PLAN - 1ST FLOOR
1/8" = 1'-0"

ELECTRICAL GENERAL NOTES

- 1 LIGHTING: PROVIDE ADDITIONAL CONDUCTORS AND PATHWAYS AS REQUIRED FOR LIGHTING AND CONTROLS WORK.
- 2 PATCH AND REPAIR PATCH, PAINT, AND REPAIR ALL SURFACES AFFECTED BY LIGHTING REPLACEMENT PER ARCHITECT. PROVIDE NEW 2X4 CEILING TILES WHERE FIXTURES ARE NOT BEING REPLACED.

KEYED NOTES

- 26.19 PROVIDE NEW CIRCUIT FOR ELECTRIC WATER COOLER. ROUTE CIRCUIT BACK TO PANEL DP-11 ON 2ND FLOOR. PROVIDE NEW 20A/1P BREAKER.
- 27.02 PROVIDE TWO CAT6A CABLES FROM EACH WIRELESS ACCESS POINT BACK TO A NEW PATCH-PANEL IN THE MDF ROOM.
- 27.03 PROVIDE WIRELESS ACCESS COVERAGE THROUGHOUT BAYS.
- 27.05 NEW FIBER DEMARC. PROVIDE 1-1/2" CONDUIT FROM BUILDING ENTRY TO THIS LOCATION. PROVIDE EXIT IN ALL EXPOSED AREAS. ENT TUBING ABOVE LAY-IN CEILING IS ACCEPTABLE.



REYNOLDS ASH + ASSOCIATES
ARCHITECTURE ENGINEERING

1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

202 PAGOBA STREET, STE. 200
P.O. BOX 96
PAGOBA SPRINGS, CO 81147
RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C. EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY FORBIDDEN. REYNOLDS ASH + ASSOCIATES, P.C. PROHIBITS THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C.



2023-05-11

SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: ME&E

ISSUE RECORD:

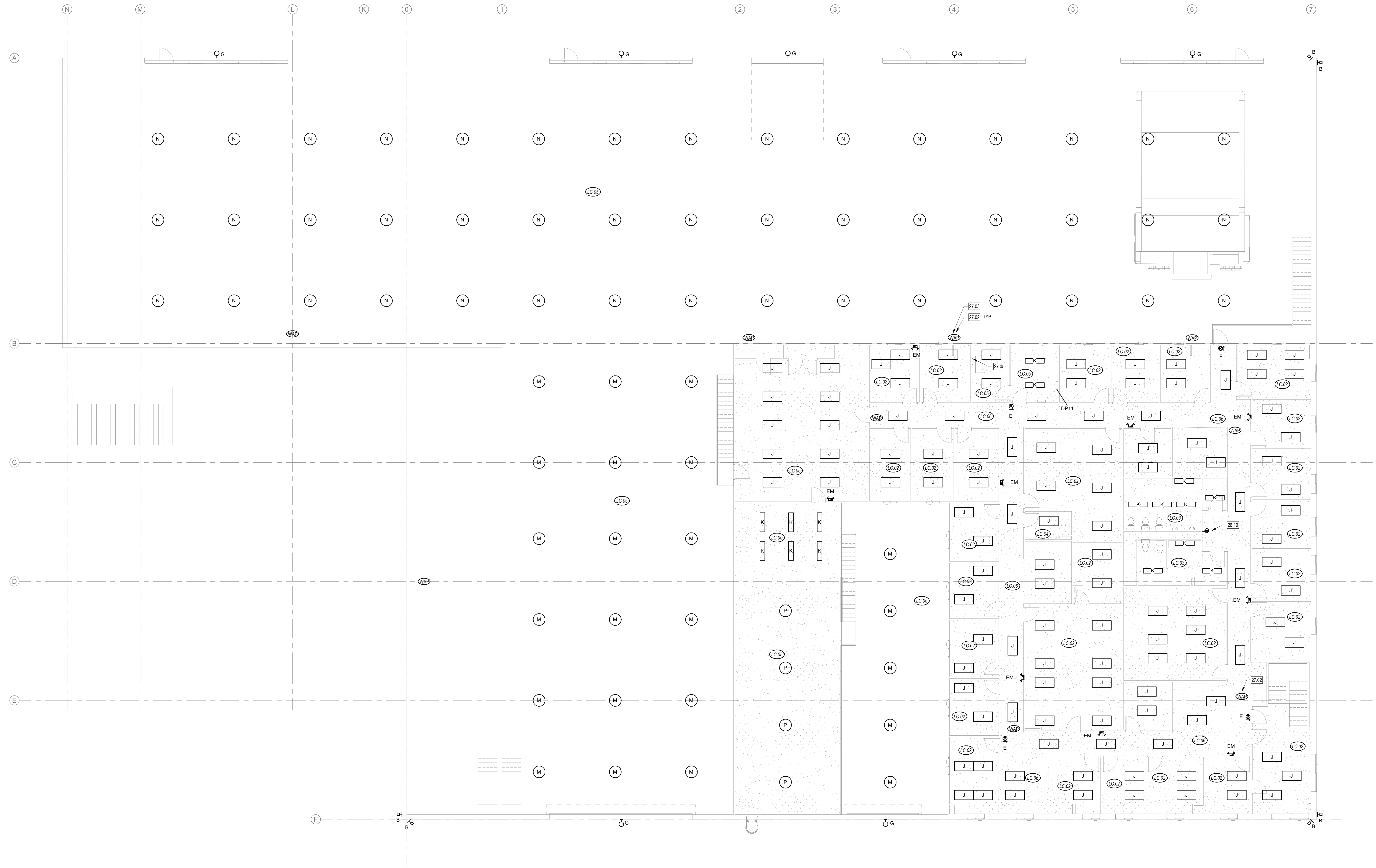
| | |
|------------|---------|
| 2023-02-17 | 100% SD |
| 2023-03-31 | DD |
| 2023-05-15 | CD |

REVISIONS:

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

EL102
ELECTRICAL LIGHTING PLAN - 2ND FLOOR

PRINT DATE: 5/11/2023 4:49:26 PM



1 ELECTRICAL PLAN - 2ND FLOOR
1/8" = 1'-0"

| ELECTRICAL GENERAL NOTES | |
|--------------------------|--|
| 1 | LIGHTING: PROVIDE ADDITIONAL CONDUCTORS AND PATHWAYS AS REQUIRED FOR LIGHTING AND CONTROLS WORK. |
| 2 | PATCH AND REPAIR: PATCH, PAINT, AND REPAIR ALL SURFACES AFFECTED BY LIGHTING REPLACEMENT PER ARCHITECT. PROVIDE NEW 2X4 CEILING TILES WHERE FIXTURES ARE NOT BEING REPLACED. |

| KEYED NOTES | |
|-------------|---|
| 26.14 | FAN TO BE REPLACED. RECONNECT NEW FAN. REUSE CONDUCTORS AND OVERCURRENT PROTECTION. |
| 26.15 | GAS-FIRED UNIT HEATERS TO BE REPLACED, TYPICAL. RECONNECT CIRCUIT TO NEW UNIT HEATER. |
| 26.16 | EQUIPMENT TO BE DEMOLISHED. REMOVE CIRCUIT BACK TO PANEL. IF EQUIPMENT IS ON SHARED CIRCUIT, MAINTAIN CONTINUITY OF CIRCUIT TO REMAINING EQUIPMENT. |
| 26.20 | CONNECT LINE VOLTAGE THERMOSTATS AND SWITCHES TO ALL MECHANICAL EQUIPMENT. |
| 26.23 | GAS-FIRED RADIANT HEATERS TO BE REPLACED, TYPICAL. RECONNECT CIRCUIT TO NEW RADIANT HEATER. |



1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

262 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81447

RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C.
EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY FORBIDDEN TO ANY OTHER PARTY. ANY REPRODUCTION, REUSE, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C. IS PROHIBITED.



2023-05-11

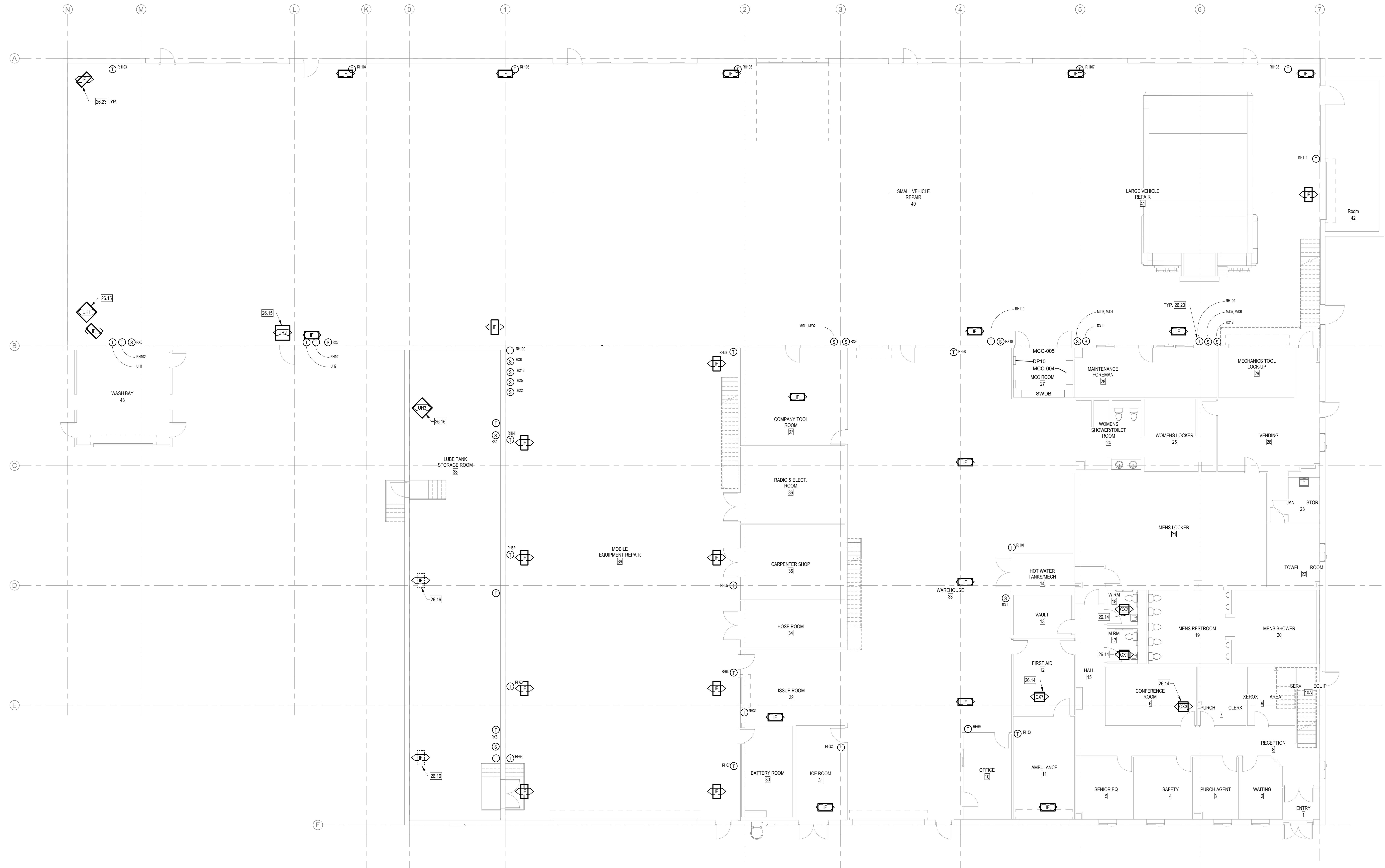
SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: ME&E

| ISSUE RECORD: | |
|---------------|---------|
| 2023-02-17 | 100% SD |
| 2023-03-31 | DD |
| 2023-05-15 | CD |

| REVISIONS: | |
|------------|--|
| | |
| | |
| | |

EM101
ELECTRICAL CONNECTIONS
PLAN - 1ST FLOOR



ELECTRICAL CONNECTIONS PLAN - 1ST FLOOR
1/8" = 1'-0"

PRINT DATE: 5/11/2023 4:49:26 PM

ELECTRICAL GENERAL NOTES

- 1 LIGHTING: PROVIDE ADDITIONAL CONDUCTORS AND PATHWAYS AS REQUIRED FOR LIGHTING AND CONTROLS WORK.
- 2 PATCH AND REPAIR PATCH, PAINT, AND REPAIR ALL SURFACES AFFECTED BY LIGHTING REPLACEMENT PER ARCHITECT. PROVIDE NEW 2X4 CEILING TILES WHERE FIXTURES ARE NOT BEING REPLACED.

KEYED NOTES

- 26.12 ALTERNATE BID: ROOFTOP UNIT TO BE REPLACED WITH LARGER UNIT. REPLACE CONDUCTORS, OVERCURRENT PROTECTION, AND UNIT DISCONNECT. EVALUATE CONDUIT FOR RE-USE. SEE MECHANICAL CONNECTIONS SCHEDULE.
- 26.14 FAN TO BE REPLACED. RECONNECT NEW FAN. REUSE CONDUCTORS AND OVERCURRENT PROTECTION.
- 26.15 GAS-FIRED UNIT HEATERS TO BE REPLACED. TYPICAL. RECONNECT CIRCUIT TO NEW UNIT HEATER.
- 26.21 CONNECT MOTORIZED DAMPERS TO RX CIRCUIT AS SHOWN. CONNECT TO LINE VOLTAGE SWITCH SHOWN ON 1ST FLOOR PLAN.
- 26.22 ALTERNATE BID: ROOFTOP UNIT TO BE REPLACED WITH UNIT OF DIFFERENT VOLTAGE. DEMOLISH EXISTING CONDUCTORS BACK TO PANEL AND TURN BREAKER OFF. PROVIDE NEW CIRCUIT TO AS SHOWN ON MECHANICAL CONNECTIONS SCHEDULE.



REYNOLDS ASH + ASSOCIATES
ARCHITECTURE
ENGINEERING

1140 MAIN AVE, STE. B
DURANGO, CO 81301
(970) 259-7044
FAX (970) 259-7492

262 PAGOSA STREET, STE. 200
P.O. BOX 96
PAGOSA SPRINGS, CO 81147

RA-AE.COM

REYNOLDS ASH + ASSOCIATES, P.C.
EXPRESSES AND ASSUMES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY FORBIDDEN. THE ARCHITECT ASSUMES NO LIABILITY FOR THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C.



2023-05-11

SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: ME&E

| ISSUE RECORD: |
|--------------------|
| 2023-02-17 100% SD |
| 2023-03-31 DD |
| 2023-05-15 CD |

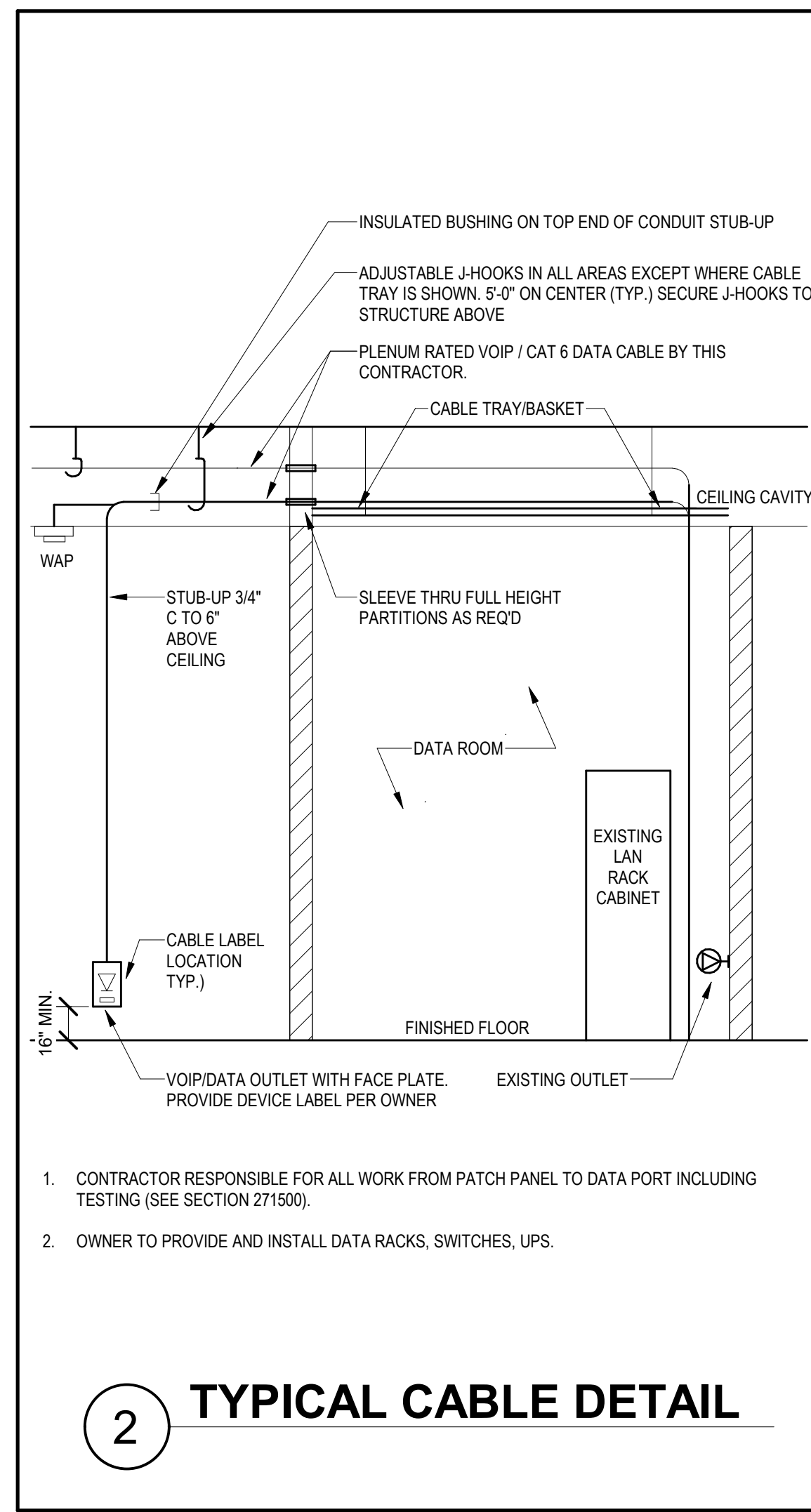
| REVISIONS: |
|------------|
| |
| |
| |

EM102
ELECTRICAL CONNECTIONS
PLAN - 2ND FLOOR



1 ELECTRICAL CONNECTIONS PLAN - 2ND FLOOR AND ROOF
1/8" = 1'-0"

PRINT DATE: 5/11/2023 4:49:27 PM



GEN. COMMUNICATIONS NOTES

1. GENERAL ELECTRICAL NOTES ALSO APPLY TO DIVISIONS 27 AND 28

2. DIVISIONS 27 AND 28 SCOPE: ALL LINE VOLTAGE WIRING AND CONDUIT SYSTEMS REQUIRED BY ANY DIVISION SHALL BE THE RESPONSIBILITY OF THE DIVISION 28 CONTRACTOR. EVERY ATTEMPT WILL BE MADE TO REFLECT THESE REQUIREMENTS ON THE ELECTRICAL SHEETS, BUT FAILURE TO COORDINATE DIVISION REQUIREMENTS PRIOR TO BID WILL NOT BE ACCEPTED AS REASON FOR INSTALLATION THAT DOES NOT MEET SPECIFICATIONS AND STANDARDS.

3. EXISTING CONDITIONS: IF DISCREPANCIES ARE FOUND BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING. CONTRACTOR SHALL COORDINATE WITH OWNER'S I.T. STAFF BEFORE MODIFYING EXISTING OPERATIONAL NETWORKS.

4. ANY WORK REQUIRING NETWORK OR SYSTEM DOWNTIME SHALL BE APPROVED BY THE OWNER PRIOR TO COMMENSURING WORK. WORK THAT MAY CAUSE ACCIDENTAL OUTAGES SHALL BE PERFORMED AFTER NOTICE TO THE OWNERS' I.T. AND MAINTENANCE STAFF.

5. ANY WORK ON LIVE NETWORKS OR SYSTEMS SHALL ONLY BE COMPLETED AT TIMES APPROVED BY THE OWNER IN WRITING.

6. ALL CABLE ROUGH-IN SHALL PROVIDE SERVICE MINIMUM 5' SERVICE LOOPS UNLESS LONGER LOOPS ARE INDICATED ELSEWHERE.

7. CABLE SUPPORT: ALL CABLE SHALL BE SUPPORTED BY J-HOOKS OR BRIDLE RINGS INSTALLED LEVEL AND PARALLEL OR PERPENDICULAR TO BUILDING ELEMENTS. SUPPORT FULL RATES SHALL COMPLY WITH INDUSTRY STANDARDS. SUPPORTS SHALL BE NO MORE THAN 5' ON CENTER. SUPPORTS SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURAL ELEMENTS. CABLE SHALL NOT COME INTO CONTACT WITH MC CABLE, PIPING, DUCTWORK OR OTHER INSTALLED SYSTEM.

8. DO NOT SCALE THESE DRAWINGS FOR DIMENSIONS AND EXACT LOCATIONS. IF EXACT DIMENSIONS ARE REQUIRED TO BE ADHERED TO, DIMENSIONS ARE INDICATED IN THE CONSTRUCTION DOCUMENTS. COORDINATE WITH ARCHITECTURAL DETAILS, ELEVATIONS, AND REFLECTED CEILING PLANS.

9. VERIFY EXACT LOCATION OF EQUIPMENT SUPPLIED BY OTHERS PRIOR TO ROUGH-IN.

10. ALL EQUIPMENT SHALL BE U.L. LISTED OR LISTED AND LABELED BY OTHER NATIONALLY RECOGNIZED LABORATORY.

11. CONDUIT: CONDUIT FOR TECHNOLOGY SYSTEMS LARGER THAN 3/4" TRADE SIZE SHALL HAVE LONG RADIUS SWEEPS AT ALL CHANGES IN DIRECTION.

12. PULL BOXES: PULL BOXES ALLOWING BENDS AT LEAST 12 TIMES THE CONDUIT RADIUS AT EVERY 180 DEGREES OF BEND, 100 FOOT INTERVALS, OR BOTH.

13. LABELING: PATHWAYS SHALL BE LABELED WITH PERMANENT LABELS AT ALL PULL BOXES AND TERMINATIONS.

DIV 26 DOOR GENERAL NOTES

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR ALL PATHWAYS AND EQUIPMENT LABELED IN DETAIL. EACH DOOR SHALL HAVE PATHWAYS FOR POWERED HINGE AND POWERED STRIKE. COORDINATE WITH GENERAL CONTRACTOR AND DIVISION 28 CONTRACTOR PRIOR TO ROUGH-IN.

2. ELECTRICAL CONTRACTOR RESPONSIBLE FOR CIRCUITING ALL DIVISION 08 POWER SUPPLIES.

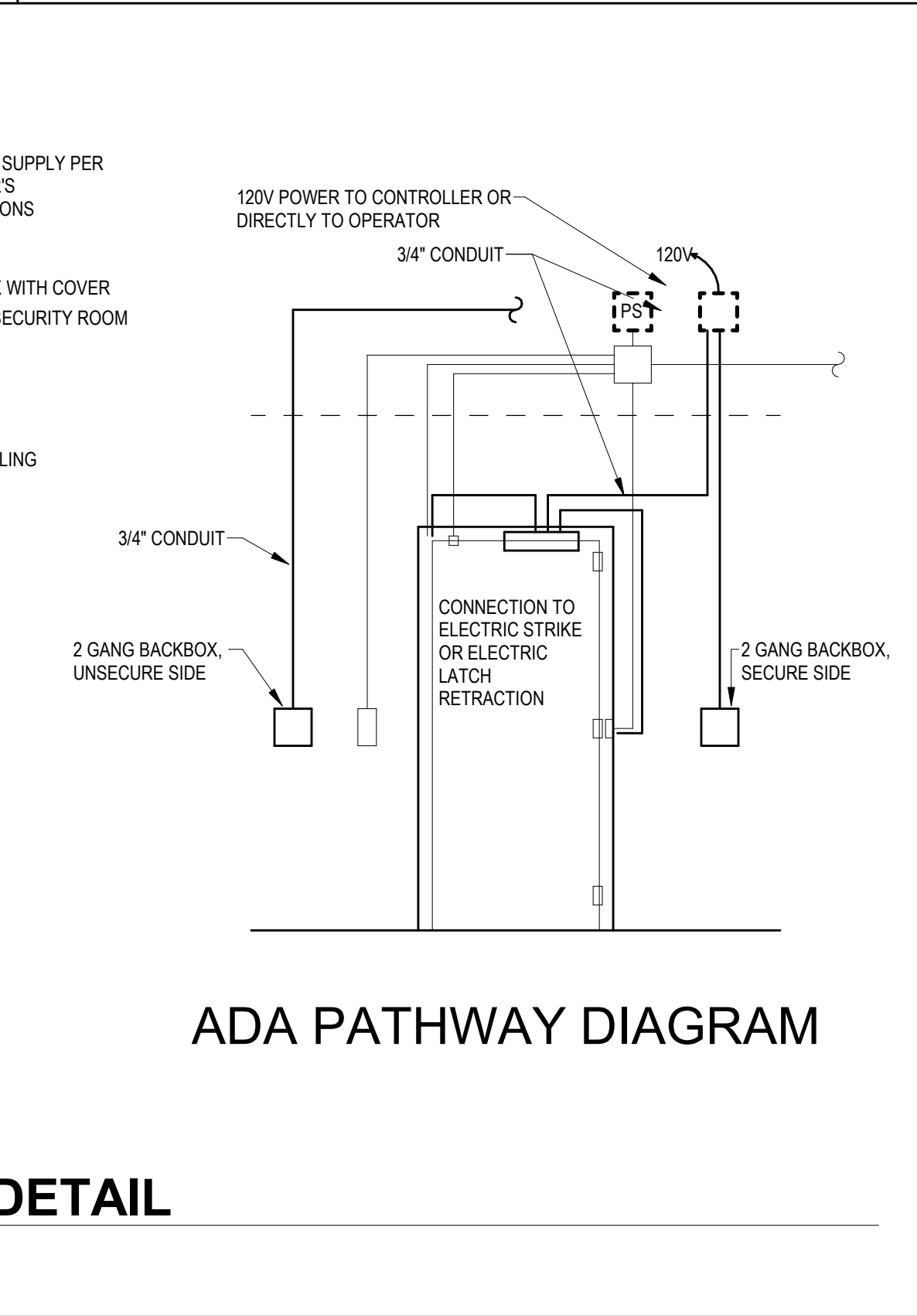
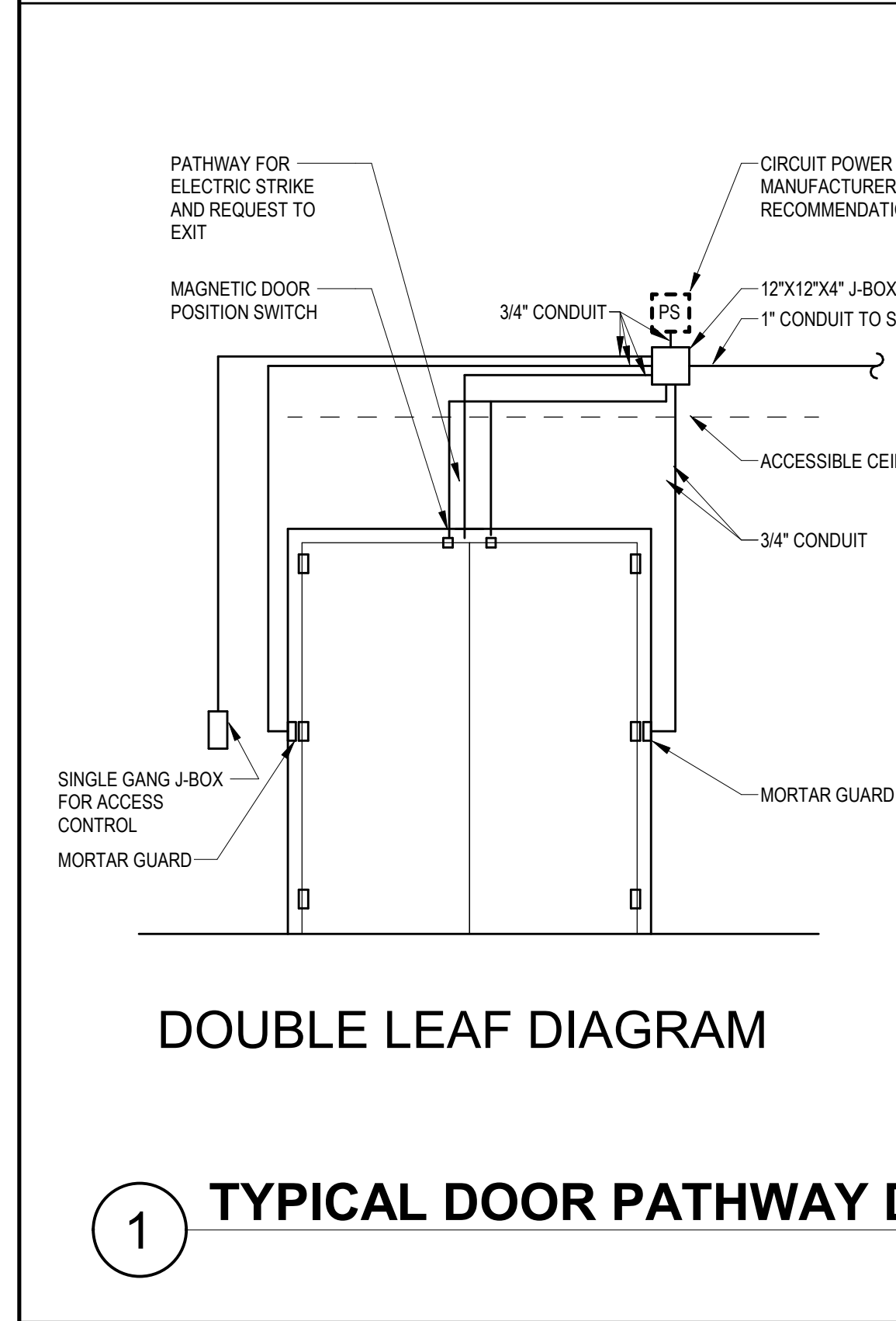
3. CONTROLS J-BOX, POWER SUPPLIES, AND ADA OPERATOR POWER SUPPLIES TO BE ON SECURE SIDE OF DOOR.

DIV 28 DOOR GENERAL NOTES

1. ROUGH-IN FOR FUTURE ACCESS CONTROL SYSTEM.

2. SPECIAL SYSTEMS CONTRACTOR RESPONSIBLE FOR ALL POWER SUPPLIES, 120V WIRING, POE WIRING, DEVICES, PROGRAMMING, AND SOFTWARE TO COMPLETE THE ACCESS CONTROL SYSTEM. COORDINATE WITH DIVISION 08 SPECIFICATIONS PRIOR TO BIDDING.

3. PATHWAY DIAGRAMS BELOW ARE TO PROVIDE GENERAL PATHWAYS FOR ACCESS CONTROL. IF SPECIAL SYSTEMS CONTRACTOR'S REQUIREMENTS DIFFER FROM DIAGRAMS BELOW, SPECIAL SYSTEMS CONTRACTOR IS RESPONSIBLE TO COORDINATE PATHWAY AND CIRCUITING REQUIREMENTS WITH GENERAL CONTRACTOR PRIOR TO BIDDING.



LIGHTING CONTROL SCENARIO SCHEDULE

NOTES: 1. Shop drawings showing all device locations and types to be submitted with lighting submittal. 2. All lighting control devices shall be sourced from same manufacturer. See specifications for approved manufacturers. 3. For rooms with occupancy or daylight sensing, sensor locations and quantities shown should be considered approximate. Contractor is responsible to coordinate with the selected manufacturer's recommendations for complete coverage of room.

| LC | DESCRIPTION | APPLIES TO | OCCUPANCY SENSING | SENSOR COVERAGE | CONTROL ZONES | MANUAL DIMMING | MANUAL SWITCHING | SCENE SELECTOR | SCHEDULED ON/OFF | DAYLIGHT SENSING |
|-------|---|---|-------------------|-----------------|---------------|----------------|------------------|----------------|------------------|------------------|
| LC.02 | CONTROL BY LOCAL DEVICES AND SENSORS ONLY. PROVIDE OCCUPANCY SENSOR AND WITH SEPERATE DIMMER. SENSOR CONTROL SHALL BE MANUAL ON / AUTO OFF. | OFFICES, BREAKROOMS | Yes | MINOR MOTION | 1 | Yes | Yes | No | No | No |
| LC.03 | CONTROL BY LOCAL DEVICES AND SENSORS ONLY. PROVIDE MANUAL OVERRIDE SWITCH AT ENTRANCE. SENSOR CONTROL SHALL BE AUTO ON / AUTO OFF. | MULTI-OCCUPANT RESTROOMS | Yes | MAJOR MOTION | 1 | No | Yes | No | No | No |
| LC.04 | CONTROL BY LOCAL DEVICES ONLY. PROVIDE WALLBOX OCCUPANCY SENSOR WITH INTEGRAL SWITCH (OR HIGH CORNER MOUNT SENSOR WITH SEPERATE SWITCH). SENSOR CONTROL SHALL BE AUTO ON / AUTO OFF. | STORAGE, UTILITY, SINGLE OCCUPANT RESTROOMS | Yes | MAJOR MOTION | 1 | No | Yes | No | No | No |
| LC.05 | CONTROL BY LOCAL DEVICES AND SENSORS ONLY. PROVIDE MANUAL SWITCH AT EACH ENTRANCE. AUTOMATIC SHUTOFF NOT PROVIDED DUE TO SAFETY RISK. | ELEC, MECH ROOMS, KITCHENS | No | N/A | 1 | No | Yes | No | No | No |
| LC.06 | CONTROL BY LOCAL DEVICES AND SENSORS ONLY. PROVIDE CEILING OR HIGH CORNER MOUNT SENSORS. PROVIDE MANUAL OVERRIDE SWITCH AT EACH ENTRANCE. SENSOR CONTROL SHALL BE AUTO ON / AUTO OFF. | SMALL CORRIDORS | Yes | MAJOR MOTION | 1 | No | Yes | No | No | No |

ELECTRICAL SYMBOLS LEGEND

LIGHTING

- RECTANGULAR FIXTURE, CEILING MOUNTED (DIMENSIONS AS SHOWN)
- ROUND FIXTURE, CEILING MOUNTED (DIMENSIONS AS SHOWN)
- TRACK LIGHTING (LENGTH AS SHOWN, HEADS NOT TO SCALE)
- POLE MOUNTED FIXTURE (HEADS NOT TO SCALE)
- ARM SYMBOL ADDITION INDICATES WALL MOUNTING
- BOX INDICATES FLUSH MOUNTING IN FLOOR
- DOT SYMBOL ADDITION INDICATES PENDANT MOUNTING
- HALF FILLED SYMBOL INDICATES EMERGENCY VERSION WITH DOUBLE ARROW FACE
- EXIT SIGNS (FILL INDICATES NUMBER OF FACES)

POWER OUTLETS

- SIMPLE TYPE RECEPTACLE
- 20A, 120V, DUPLEX RECEPTACLE
- 20A, 120V, FOUR-LEXTYPE RECEPTACLE
- 2P-4W RECEPTACLE (SEE PANEL SCHEDULE FOR DETAILS)
- CENTER FULL INDICATES GROUND FAULT PROTECTION (AT RECEPTOR BREAKER AS REQUIRED FOR ACCESSIBILITY)
- WEATHERPROOF ALU COVER GROUND FAULT PROTECTED (AT RECEPTOR BREAKER AS REQUIRED FOR ACCESSIBILITY)
- SUBSCRIPT INDICATES ABOVE COUNTER
- SPECIAL RECEPTACLE
- SIDE FILL INDICATES SPLIT WIRING
- ARC INDICATES OCCUPANCY CONTROL ON PART OR ALL OF RECEPTACLE
- LARGE CIRCLE INDICATES CEILING MOUNT
- LARGE BOX INDICATES FLOOR MOUNT
- MULTI GANG FLOOR BOX (P1 = 1 GANG DUPLEX POWER, P14 = 1 GANG 14 3/4" X 3" PORTS, H1 = 1 GANG 1 1/2" X 1 1/2" PORTS)

POWER DISTRIBUTION

- DISCONNECT SWITCH
- METER
- RELAY
- THERMOSTAT OUTLET BOX: SINGLE GANG BOX, PLASTER RING (UNLESS OTHERWISE NOTED) 1/2" CONDUIT AND PULL COORD TO MATCH UNIT.
- JUNCTION BOX: CEILING, WALL, AND FLOOR MOUNTED.
- BRANCH CIRCUIT PANEL BOARD, SEE SCHEDULE FOR MOUNTING
- 1P/0 MOUNT TRANSFORMER
- WALL MOUNT TRANSFORMER
- SURGE PROTECTION DEVICE
- GROUND
- CONDUIT SUB-OUT

COMMUNICATIONS

- DATA OUTLET
- ANALOG PHONE OUTLET
- COMBINATION DATA & ANALOG PHONE OUTLET
- SUBSCRIPT INDICATES ABOVE COUNTER MOUNTING
- SUBSCRIPT INDICATES QUANTITY OF PORTS (IF MORE THAN 1)
- SUBSCRIPT INDICATES SPECIFIC CABLE (H=HOML, V=VGA)
- CIRCLE INDICATES FLUSH MOUNTING IN CEILING
- BOX INDICATES FLUSH MOUNTING IN FLOOR
- WIRELESS ACCESS POINT
- MICROPHONE: CEILING, WALL, AND FLOOR MOUNTED RESPECTIVELY
- SPEAKER: CEILING, WALL, AND FLOOR MOUNTED RESPECTIVELY
- INTERCOM CONTROL SWITCH
- SECURITY SYSTEM INFRARED MOTION SENSOR
- SECURITY SYSTEM CAMERA

FIRE ALARM

- FIRE ALARM (FA) CONTROL UNIT
- FA ANNUNCIATOR
- FA ADA HORN/STROBE
- FA SPEAKER/STROBE
- FA ADA STROBE
- FA CEILING MOUNTED FA STROBE
- FA FIRE ALARM PULL STATION
- FA FIRE SMOKE DAMPER
- FA REMOTE INDICATOR
- FA FLOW DETECTOR SWITCH
- FA TAMPER SWITCH
- FA SMOKE DETECTOR
- DUCT DETECTOR (IS-SMOKE, CO-CARBON MONOXIDE)
- DETECTOR (IS-SMOKE, HEAT)
- CARBON MONOXIDE DETECTOR/ALARM

DOOR CONTROLS

- REMOTE INTERFACE
- AUTOMATIC DOOR OPERATOR (W.D.A. OPERATOR)
- MAGNETIC DOOR HOLDER
- DOOR POSITION SWITCH
- ELECTRIC LOCK
- ELECTRIC STRIKE
- MAGNETIC STRIKE
- KEY PAD
- KEY CARD/FOR READER
- INTERCOM SYSTEM WITH "BUZZER" RELEASE
- "BUZZER" MOMENTARY BUTTON
- PANIC BUTTON/BUSS SYSTEM
- POWER SUPPLY
- ACCESS CONTROL SCENARIO IDENTIFICATION

NURSE CALL

- PULL CORN. WALL MOUNTED
- PULL CORN. CEILING MOUNTED
- CALL BUTTON
- INDICATOR LIGHT
- CONTROL STATION

GENERAL NOTES

- KEYED NOTE
- MECHANICAL EQUIPMENT IDENTIFICATION
- MULTI-EQUIPMENT IDENTIFICATION (SUBSCRIPT IS CIRCUIT IDENTIFICATION)
- LIGHTING CONTROL SCENARIO IDENTIFICATION
- ACCESS CONTROL SCENARIO IDENTIFICATION

ABBREVIATIONS

- AC - ABOVE COUNTER
- ABF - ABOVE FINISHED FLOOR
- AFB - ABOVE FINISHED GRADE
- ARCH - ARCHITECTURAL
- BC - BELOW COUNTER
- CONC - CONCRETE
- CC - ELECTRICAL CONTRACTOR
- ELEC - ELECTRICAL
- EMT - ELECTRICAL METALLIC TUBING
- GC - GENERAL CONTRACTOR
- GGC - GROUNDING ELECTRODE CONDUCTOR
- GGC - GROUNDING ELECTRODE CONDUIT
- GRD - GROUND
- GFI - GROUND FAULT INTERRUPTER
- IG - ISOLATED GROUND
- IMC - INTERMEDIATE METALLIC CONDUIT
- LA - LIGHTNING ARRESTOR
- MC - MECHANICAL CONTRACTOR
- MECH - MECHANICAL
- NC - NOT IN CONTRACT
- NFS - NOT TO SCALE
- OHE - OVERHEAD ELECTRICAL FEEDER
- OPH - OVERHEAD PRIMARY FEEDER
- OES - OVERHEAD SECONDARY FEEDER
- PVC - POLYVINYL CHLORIDE
- PLUMB - PLUMBING
- PNL - PANEL
- STD - SAFE TORQUE OFF
- SPO - SURGE PROTECTIVE DEVICE
- UG - UNDERGROUND
- UGE - UNDERGROUND ELECTRICAL FEEDER
- UGP - UNDERGROUND PRIMARY FEEDER
- UPS - UNINTERRUPTIBLE POWER SUPPLY
- W/P - WEATHERPROOF
- XMR - TRANSFORMER

LINETYPES

- SOLID BLACK INDICATES NEW DEVICE
- GRAY INDICATES EXISTING DEVICE TO BE REMAIN
- DASHED INDICATES EXISTING DEVICE TO BE REPLACED
- DASHED WITH "R" INDICATES EXISTING DEVICE TO BE RELOCATED

SITE PLAN

- UGP - UNDERGROUND ELECTRICAL PRIMARY FEEDER
- UGE - UNDERGROUND ELECTRICAL FEEDER
- UOC - UNDERGROUND COMMUNICATIONS
- OHE - OVERHEAD ELECTRICAL FEEDER
- ONP - OVERHEAD ELECTRICAL PRIMARY FEEDER
- TV - UNDERGROUND TELEVISION CABLE
- T - UNDERGROUND TELEPHONE CABLE

MOUNTING

NOTES: 1. VERIFY ALL MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN. 2. DIMENSIONS ARE TO TOP OF DEVICE WITH TRIM ADJUST BACK BOX LOCATION AS REQUIRED. 3. ALL MOUNTING HEIGHTS SHALL CONFORM TO THE LATEST EDITION OF THE AMERICANS WITH DISABILITIES ACT (ADA).

| KEY | MOUNTING HEIGHTS |
|-----|--|
| A | 8" TO TOP AFF (SEE SCHEDULE FOR FINISHED CEILING WHERE REQUIRED) |
| B | 8" TO BOTTOM (HEIGHT GREATER THAN 8" TO BOTTOM AFF) |
| C | 8" C |
| D | 48" TO TOP AFF |
| E | 20" TO TOP AFF |
| F | 2" |
| G | 8" C |
| H | 6" TO HANDLE |
| J | 8" MAX |

GENERAL ELECTRICAL NOTES

1. PRODUCT SUBSTITUTIONS: ALL PROPOSED PRODUCT SUBSTITUTIONS MUST BE SUBMITTED FOR APPROVAL PRIOR TO BIDDING. REFER TO DIVISION 1 SPECIFICATIONS FOR SUBSTITUTION REQUEST DEADLINE. REFER TO THE APPROPRIATE DIVISION 28 SPECIFICATION SECTION FOR DETAILED REQUIREMENTS FOR EACH TYPE OF PRODUCT. SUBSTITUTION REVIEWS WILL BE ISSUED IN ADDENDA TO ALL BIDDERS, NO LATER THAN FINAL ADDENDUM BEFORE BID DATE.

2. DIVISION 28 SCOPE: ALL LINE VOLTAGE WIRING AND CONDUIT SYSTEMS REQUIRED BY ANY DIVISION SHALL BE THE RESPONSIBILITY OF THE DIVISION 28 CONTRACTOR. EVERY ATTEMPT WILL BE MADE TO REFLECT THESE REQUIREMENTS ON THE ELECTRICAL SHEETS, BUT IT IS THE DIVISION 28 CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE DRAWING SET, FAMILIARIZE HIMSELF WITH THE COMPLETE PROJECT SCOPE, AND COORDINATE WITH OTHER DIVISIONS.

3. EXISTING CONDITIONS: THE CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK, FULLY INFORM HIMSELF AS TO ALL EXISTING CONDITIONS, DIMENSIONS AND LIMITATIONS BEFORE STARTING WORK. IF DISCREPANCIES ARE FOUND BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING.

4. SURFACE REPAIR: COORDINATE WITH GENERAL CONTRACTOR FOR REPAIR OF ADJACENT CONSTRUCTION AND FINISHES DAMAGED OR EXPOSED DURING DEMOLITION WORK. REPAIRS SHALL MATCH EXISTING FINISHES, AND INCLUDE PAINT ON ENTIRE WALL WHERE REQUIRED TO MATCH COLOR.

5. CODES: PERFORM ALL ELECTRICAL WORK IN A NEAT AND WORKMANLIKE MANNER IN FULL COMPLIANCE WITH ALL APPLICABLE, ADOPTED CODES, INCLUDING, BUT NOT LIMITED TO: THE NATIONAL ELECTRICAL CODE (NEC), IBC, IRC, IFBC, AND ADA. IF ANY DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ANY ASSOCIATED LEGAL OR SAFETY REQUIREMENTS, CONTRACTOR SHALL SUBMIT RFI TO ENGINEER FOR DIRECTION BEFORE PROCEEDING.

6. UTILITY COORDINATION: WHEN INSTALLING OR MODIFYING SERVICE OR METERING EQUIPMENT, COORDINATE WITH UTILITY COMPANY TO ENSURE THAT THEIR STANDARDS ARE BEING MET. IF ANY DISCREPANCY IS FOUND BETWEEN UTILITY STANDARDS AND CONTRACT DOCUMENTS, SUBMIT RFI TO ENGINEER FOR DIRECTION.

7. STRUCTURAL PENETRATIONS: OBTAIN PERMISSION FROM STRUCTURAL ENGINEER BEFORE DRILLING OR CUTTING STRUCTURAL MEMBERS.

8. GROUNDING CONDUCTORS: INSTALL WIRE TYPE EQUIPMENT GROUNDING CONDUCTORS WITH ALL FEEDERS AND BRANCH CIRCUITS. CONDUIT OR CABLE SHEATH IS NOT ALLOWED TO BE USED AS AN EQUIPMENT GROUNDING CONDUCTOR, UNLESS EXPLICITLY CALLED FOR OR PROVIDED IN A PARTICULAR LOCATION ON CONSTRUCTION DRAWINGS.

9. GROUNDING CONNECTIONS: ALL GROUNDING AND BONDING CONNECTORS SHALL BE U.L. LISTED FOR THE APPLICATION AND ENVIRONMENT IN WHICH THEY ARE USED, AND FOR SPECIFIC TYPES, SIZES, AND COMBINATIONS OF CONDUCTORS AND OTHER ITEMS CONNECTED.

10. PANEL SCHEDULES: PROVIDE TYPED SCHEDULES FOR ALL PANELS, CONTAINING ALL NEW CIRCUITING AS INSTALLED, AND ALL EXISTING CIRCUIT INFORMATION AVAILABLE TO CONTRACTOR. PRINTING SCHEDULES FROM THE DRAWING SET IS NOT ACCEPTABLE. RE-ATTACHING OLD SCHEDULES FROM REPLACED PANELS IS NOT ACCEPTABLE.

11. NEUTRAL CONDUCTORS: PROVIDE DEDICATED NEUTRAL CONDUCTORS FOR ALL CIRCUITS, OF SAME SIZE AS PHASE CONDUCTOR(S). SHARED NEUTRALS ARE NOT ACCEPTABLE WITHOUT SPECIFIC WRITTEN PERMISSION FROM ENGINEER.

12. ROMEX: FLEXIBLE NONMETALLIC CABLE (ROMEX) IS NOT ACCEPTABLE IN ANY LOCATION WITHOUT SPECIFIC WRITTEN PERMISSION FROM ENGINEER.

13. MC CABLE: FLEXIBLE METALLIC CABLE (MC) IS ACCEPTABLE ONLY IN CONCEALED LOCATIONS, AND ONLY FOR CIRCUITS 20 AMPS OR LESS. SEE SPECIFICATIONS FOR DETAILED INSTALLATION REQUIREMENTS.

14. ALL PENETRATIONS THROUGH FIRE RATED WALLS OR ASSEMBLIES SHALL BE COMPLETED IN A MANNER THAT MAINTAINS THE FIRE RATING OF THE WALL OR ASSEMBLY.

GENERAL DEMOLITION NOTES

1. UNEXPECTED CONDITIONS: IF CONCEALED CONDITIONS ARE UNCOVERED THAT ARE AT VARIANCE WITH CONDITIONS SHOWN IN THE CONTRACT DOCUMENTS, OR OF AN UNUSUAL NATURE NOT ORDINARILY ENCOUNTERED IN WORK OF THIS KIND, CONTRACTOR SHALL INFORM THE ENGINEER FOR DIRECTION BEFORE PROCEEDING. NO CLAIM FOR ADDITIONAL COST OR TIME EXTENSION WILL BE ALLOWED WITHOUT PROPER NOTICE, PRIOR DETERMINATION OF COST OR TIME, AND EXPENSE TO THE OWNER.

2. DEMOLITION SCOPE: THE DEMOLITION PLAN SHALL BE USED AS A SCHEMATIC GUIDE. IF ADDITIONAL DEMOLITION WORK OR INCREASED COST IS REQUIRED TO COMPLETE THE NEW CONSTRUCTION / REMODELING AS INDICATED ON THE DRAWINGS, CONTRACTOR SHALL INFORM THE ENGINEER FOR DIRECTION BEFORE PROCEEDING.

3. SURFACE REPAIR: WHERE DIRECTED TO REMOVE EXISTING EQUIPMENT / DEVICES FROM AN ARCHITECTURAL SURFACE THAT IS TO REMAIN, CONTRACTOR IS RESPONSIBLE FOR ASSOCIATED REPAIR, PATCHING, AND PAINTING OF SURFACE TO MATCH EXISTING.

4. CONTRACTOR CAUSED DAMAGE: DAMAGE ON THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR OR A PARTY TO THE CONTRACTOR DURING THE DEMOLITION OR CONSTRUCTION PHASE SHALL BE REPAIRED PRIOR TO CONTRACT DATE OF SUBSTANTIAL COMPLETION AT NO ADDITIONAL EXPENSE TO THE OWNER.

5. REMOVED MATERIALS: UNLESS OTHERWISE NOTED IN DRAWINGS, ALL EXISTING REMOVED EQUIPMENT SHALL BE STOCKPILED AT THE SITE AT AN OWNER APPROVED LOCATION UNTIL AN INSPECTION BY THE OWNER'S REPRESENTATIVE DETERMINES WHAT WILL BE SALVAGED. ALL EQUIPMENT NOT SALVAGED SHALL BE HAULED OFF THE SITE BY THE CONTRACTOR.

6. MATERIALS TO BE REUSED: VERIFY THAT ALL ELECTRICAL EQUIPMENT, DEVICES, CONDUCTORS, OR CONDUIT TO BE RELOCATED OR RECONNECTED ARE IN WORKING ORDER PRIOR TO ANY DEMOLITION WORK. IF THE EXISTING MATERIAL IS FOUND TO BE DEFICIENT, OR APPEARS TO BE AN INAPPROPRIATE SIZE OR TYPE, CONTRACTOR SHALL INFORM THE ENGINEER FOR DIRECTION BEFORE PROCEEDING.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

NOTES: 1. Confirm neutral conductor requirements with equipment installer prior to installing branch circuits. 2. All VFDs are provided by mechanical contractor and installed by electrical contractor, but VFD startup and programming must be by VFD factory authorized representative. 3. Route power to rooftop units within building. If field conditions make exposed rooftop conduit necessary, submit RFI for revised conductor sizes.

| UNIT | DESCRIPTION | ELECTRICAL | HP | FLA | MCA | CR AT PANEL | DISC. AT UNIT | STARTER | PANEL | CIRCUIT # | CONDUCTORS/CONDUIT | NOTES |
|------|-----------------|------------------|-------|-----|------|-------------|---------------|---------|----------|-----------|--------------------|-------|
| MAU1 | MAKEUP AIR UNIT | 480 V/3-3991 VA | 3 | 4.8 | 15 A | 30A-3P-1NF | MC PROVIDED | SWDB | 31,33,35 | | (#12 & #12G)3/4" | |
| R1 | ROOFTOP UNIT | 480 V/3-13510 VA | 16.25 | 17 | 20 A | INTEGRAL | MC PROVIDED | SWDB | 13,15,17 | | (#12 & #12G)3/4" | |
| R2 | ROOFTOP UNIT | 480 V/3-2282 VA | 27.5 | 29 | 35 A | INTEGRAL | MC PROVIDED | SWDB | 7,9,11 | | (#10 & #10G)3/4" | |
| R3 | ROOFTOP UNIT | 480 V/3-10392 VA | 12.5 | 14 | 20 A | INTEGRAL | MC PROVIDED | SWDB | 19,21,23 | | (#12 & #12G)3/4" | |
| R4 | ROOFTOP UNIT | 480 V/3-10392 VA | 12.5 | 14 | 20 A | INTEGRAL | MC PROVIDED | SWDB | 20,22,24 | | (#12 & #12G)3/4" | |
| R5 | ROOFTOP UNIT | 480 V/3-11431 VA | 13.75 | 15 | 20 A | INTEGRAL | MC PROVIDED | SWDB | 25,27,29 | | (#12 & #12G)3/4" | |
| R6 | ROOFTOP UNIT | 480 V/3-10392 VA | 12.5 | 14 | 20 A | INTEGRAL | MC PROVIDED | SWDB | 14,16,18 | | (#12 & #12G)3/4" | |
| UH1 | UNIT HEATER | 120 V/1-1320 VA | 11 | | 20 A | STO | INTEGRAL | | | | (#12 & #12G)3/4" | |
| UH2 | UNIT HEATER | 120 V/1-1320 VA | 11 | | 20 A | STO | INTEGRAL | | | | (#12 & #12G)3/4" | |
| UH3 | UNIT HEATER | 120 V/1-288 VA | 2.4 | | 20 A | STO | INTEGRAL | | | | (#12 & #12G)3/4" | |

LIGHTING FIXTURE SCHEDULE

NOTES: 1. Unless otherwise noted, all interior fixtures shall be 35K CCT, all exterior 30K. Interior fixtures shall have minimum 80 CRI, unless higher CRI noted below. 2. All heights shown are to bottom of fixture.

| TYPE | DESCRIPTION | MOUNTING | HEIGHT | MAKE | MODEL | LAMP | WATTS | BATTERY | LUMENS | OPTIC | CRI | NOTES |
|------|---------------------------------|-----------------|---------|----------|--------|------|-------|-----------|--------|-------------|-----|-------|
| B | 1x8 SURFACE LENSED | WALL | | COLUMBIA | LSRK | LED | 55 | NONE | 6200 | | | |
| B | WALL-MOUNT AREA LIGHT | WALL | -30" | BEACON | VP3 | LED | 250 | NONE | 30000 | TYPE CORNER | | |
| D | WALL-BACK | WALL | | BEACON | RWL1 | LED | 25 | INTERGRAL | 3000 | TYPE 4 WIDE | | |
| E | EXIT SIGN | UNIVERSAL | | COMPASS | CE | LED | 3 | INTERGRAL | N/A | N/A | N/A | |
| EM | EMERGENCY LIGHT | | | COMPASS | CC SQ | LED | 4 | INTERGRAL | N/A | N/A | N/A | |
| G | EXTERIOR WALLPACK | WALL | VARIES | BEACON | RWL2 | LED | 80 | INTERGRAL | 10000 | TYPE 4 WIDE | | |
| J | 2x4 LENSED | RECESSED - GRID | CEILING | COLUMBIA | LCAT24 | LED | 32 | NONE | 4000 | | | |
| K | 1x4 SURFACE LENSED | SURFACE | CEILING | COLUMBIA | CWP4 | LED | 37 | NONE | 4500 | | | |
| M | ALT BID: HIGH-BAY PENDANT | PENDANT | CEILING | COLUMBIA | CRB | LED | 150 | NONE | 21000 | DIFFUSE | | |
| N | ALT BID: HIGH-BAY PENDANT | PENDANT | CEILING | COLUMBIA | CRB | LED | 200 | NONE | 28000 | DIFFUSE | | |
| P | LOW-BAY PENDANT | PENDANT | CEILING | COLUMBIA | ECH | LED | 55 | NONE | 9000 | DIFFUSE 120 | | |
| T | 1x4 SURFACE LENSED | SURFACE | CEILING | COLUMBIA | LCB | LED | 20 | NONE | 2500 | | | |
| U | 1x4 SURFACE LENSED - WET LISTED | SURFACE | CEILING | COLUMBIA | WQB | LED | 25 | NONE | 3000 | | | |
| V | 1x4 SURFACE WALL MOUNT | WALL | 7'6" | COLUMBIA | CWM | LED | 25 | NONE | 3000 | | | |



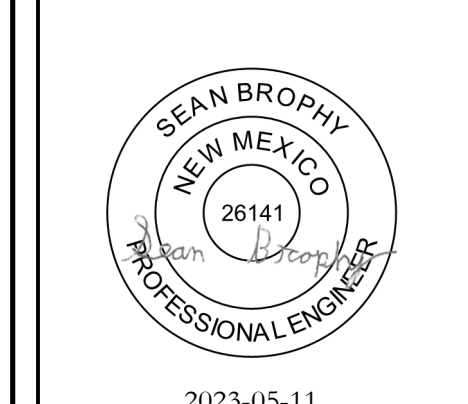
1140 MAIN AVENUE, STE. B
DURANGO, CO 81301
(970) 259-7004
FAX (970) 259-7492

262 PAGOBA STREET, STE. 200
P.O. BOX 96
PAGOBA SPRINGS, CO 81447

RA-AE-COM

REYNOLDS ASH + ASSOCIATES, P.C. EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE REPRODUCED OR COPIED IN ANY FORM OR MANNER WHATSOEVER NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT THE OBTAINING WRITTEN PERMISSION AND CONSENT OF THE ARCHITECT OF RECORD.

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. FEDERAL LAW PROHIBITS THE REPRODUCTION, DISPLAY, SALE OR OTHER DISPOSITION OF THIS DOCUMENT WITHOUT THE EXPRESS WRITTEN CONSENT OF REYNOLDS ASH + ASSOCIATES, P.C.



2/23-05-11

SAN JUAN COUNTY INDUSTRIAL PARK
RD 1130, LA PLATA, NEW MEXICO 87418

JOB NO.: 2229
DATE: 2023-05-15
DRAWN BY: M&E

ISSUE RECORD:
2023-02-17 100% SD
2023-03-31 DD
2023-05-15 CD

REVISIONS:

E601
ELECTRICAL LEGEND,
NOTES, AND DETAILS

PRINT DATE: 5/11/2023 4:49:11 PM