laughlin ricks architecture

134 3rd Ave E
Twin Falls, ID 83301
208.736.8050

Addendum NO. 3

PROJECT: A New Hotel For: Terra Development LLC
Date: June 16, 2022

To the General Contractor, Subcontractors and Suppliers:

The following items contain additions, deletions, or modifications to the Plans and Specifications. This Addendum forms a part of the Contract Documents and shall be bound inside the cover of the Project Manual.

General Contractor shall be responsible for contacting their sub-contractors as this addendum may affect them.

Bidders shall acknowledge receipt of this Addendum on the Contractor Bid Proposal.

GENERAL NOTES:

1. The wood base in the guest rooms shall be 1 x 6 MDF painted.
2. Each window/door opening will need a header, trimmer, and king studs per the schedule on S005. Size of header/trimmers/kings is based on opening width. The wood floor framing notes on S102 is where these headers are called out and refers to the schedule.
3. Shower curtains are OFOI.
4. At swimming pool aluminum storefront windows, tile shall wrap / case the jamb to the height indicated on the interior elevations. Epoxy paint the jamb above the tile and the head. Tile shall be provided at the sill, sloped to drain. Tile shall wrap / case the aluminum storefront door systems.
5. Wood base in the guestrooms shall be 1x6 MDF painted. At room finish schedule all wood base at guestrooms shall be changed to 1x6 MDF painted.

SPECIFICATIONS MANUAL:

SECTION 081000 METAL DOORS, DOOR AND WINDOW FRAMES

2.3 Frames, A. Interior Frames ADD 3. As follows;

"3. Approved: Timely Prefinished Steel Door Frames, C-Series (18 gauge)."

DELETE SECTION 081429 FLUSH WOOD DOORS in it's entirety.

ADD SECTION 081423 PAINT GRADE STILE & RAIL WOOD DOORS in it's entirety.

SECTION 085313 VINYL WINDOWS
2.05 A., 1., a. REVISE as follows:
2.05 GLAZING

A. Insulated Glass Units: ASTM E 774, Class A
1. Glazing Type: Dual

a. 1/8” SunCoatMAX® Low-E/**solarbronze** over 1/8” Clear

SECTION 088100 GLASS GLAZING

SECTION 2.1 MATERIALS ADD

E. fire-rated glass shall be Fire Lite Plus

ARCHITECTURAL DRAWINGS

REVISE Sheet A2-6 per attached.
REVISE Sheet A4-1 per attached.
REVISE Sheet A9-0 per attached.
REVISE Sheet A9-1 per attached.
REVISE Sheet A9-2 per attached.
REVISE Sheet A9-3 per Attached.
REVISE Sheet A9-4 per Attached.
REVISE Sheet A9-5 per Attached.
REVISE Sheet A9-10 per Attached.
Sheet A10-2 delete drainage mat from details. All WRB shall be 1 layer Type D building paper.
Sheet A10-4 delete drainage mat from details. All WRB shall be 1 layer Type D building paper.
REVISE Sheet A10-8 per Attached.

PLUMBING DRAWINGS

REVISE Sheet P1-0 per attached: Add waste piping for mop sinks on Levels 2, 3 and 4. Add waste piping for floor sink in Pump Room 1.19P. Add waste piping for Pool Area Drains.
REVISE Sheet P1-1 per attached: Add waste piping for mop sinks on Levels 2, 3 and 4. Add waste and vent piping for floor sink in Pump Room 1.19P. Add pool area drains and vent piping. Add plan notes.
REVISE Sheet P1-2 per attached: Add waste piping for mop sinks on Levels 2, 3 and 4. Add waste and vent piping for floor sink in Pump Room 1.19P. Add pool area waste and vent piping. Add plan notes.
REVISE Sheet P1-2 per attached: Add mop sink in Carts / Stg 2.1 room with associated piping. Pipe size chart revision. Add plan notes.
REVISE Sheet P1-3 per attached: Add mop sink in Carts / Stg 3.1 room with associated piping. Pipe size chart revision. Add and modify plan notes. Add Mech. Room 3.7 Water Slide Piping Plan.
REVISE Sheet P1-4 per attached: Add mop sink in Carts / Stg 4.1 room with associated piping. Pipe size chart revision.
REVISE Sheet P1-5 per attached: Add 2” VTR serving mop sinks on Levels 2, 3 and 4.
REVISE Sheet P3-1 per attached: Add mop sink MS-1 and Pool Area Drain PD-1 to Fixture Schedule.

MECHANICAL DRAWINGS

REVISE Sheet M1-1 per attached: Ductwork and return grille revisions for new Pump Room 1.19P addition.
REVISE Sheet M1-2 per attached: Ductwork revisions for structural coordination.
REVISE Sheet M1-3 per attached: Ductwork revisions for structural coordination.
REVISE Sheet M1-4 per attached: Ductwork exposed in room and no longer in chase or soffit. Add plan note 6.
REVISE Sheet M1-5 per attached: Add 2” VTR serving mop sinks on Levels 2, 3 and 4.

ELECTRICAL DRAWINGS
REVISE Sheet E1.0
REVISE Sheet E2.2
REVISE Sheet E5.0
REVISE Sheet E5.1
REVISE Sheet E5.2
REVISE Sheet E5.3

STRUCTURAL DRAWINGS
REVISE Sheet S001

APPROVED SUBSTITUTION REQUESTS

1. 081000 Interior Door Frames: **Timely Prefinished Steel Door Frames, C-Series (18 gauge)**
2. 22 3600 WATER SOFTENERS: Eco Water Systems / North Star Water Treatment Systems
3. Lighting & Controls:

    1. The following lighting are Pre-approved from the following:
        a) (Hubbell) The MH Companies – Boise, ID
        b) (Cooper) Idaho Lighting Solutions – Boise, ID

Summary of Attachments to Addendum No. 3
(Bidders check to verify receipt of all attachments.)

SPECIFICATIONS
Section 081423 PAINT GRADE STILE & RAIL WOOD DOORS

ARCHITECTURAL DRAWINGS
Sheets A2-6, A4-1, A9-0, A9-1, A9-2, A9-3, A9-4, A9-5, A9-10, A10-8

PLUMBING DRAWINGS
Sheets P1-0, P1-1, P1-2, P1-3, P1-4, P1-5, P3-1

MECHANICAL DRAWINGS
Sheets M1-1, M1-2, M1-3, M1-4, M1-5

ELECTRICAL DRAWINGS
Sheets E1.0, E2.2, E5.0, E5.1, E5.2, E5.3

STRUCTURAL DRAWINGS
Sheet S001

END OF ADDENDUM No. 3

SECTION 08 14 23

PAINT GRADE STILE AND RAIL WOOD DOORS

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Interior Paint Grade Stile and Rail Wood Doors

1.2 REFERENCES

A. NFPA 80 – Standard for Fire Doors and Other Opening Protectives.

B. Window and Door Manufacturers Association - I.S.6-A-13 – Industry Standards for Architectural Stile and Rail Doors

1.3 SUBMITTALS

A. Product Data: For each type of product
   1. Include detailed specification of construction.
   2. Include factory-finishing specifications.

B. Shop Drawings: For stile and rail doors. Indicate size; elevation of each kind of door; location; hand of each door; construction details not covered in Product Data, including those for stiles, rails, panels, sticking, and moldings; and other pertinent data.
   1. Dimensions of doors for after-factory pre-fitting.
   2. Requirements/Templates for door hardware machining.
   3. Doors to be factory finished and finish requirements.
   4. Fire-protection ratings for fire-rated doors.

C. Samples for Initial Selection: For factory-finished doors.

D. Samples for Verification
   1. Finish color samples of factory-finished doors, minimum size of 8.5 x 11 inches, for each color.
   2. Corner section of doors, minimum size of 12 by 12 inches, with panel, and sticking profile required.

1.4 INFORMATION SUBMITTALS

A. Sample Warranty: For standard warranty.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum 10 years of documented experience.
   1. Qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.

B. Manufacturer Qualifications: Fire-rated doors – listed and labeled by approved agency.

1.6 REGULATORY REQUIREMENTS

A. Conform to applicable Building Code for fire rated assemblies
   1. Fire rated assembly construction to conform to UL 10C, unless otherwise required by applicable Building Code.
   2. Installed Frame and Door Assemblies: Comply with NFPA 80 for fire rated class indicated.
   3. Installed Smoke Control Frame and Door Assemblies: Comply with NFPA 105.

1.7 DELIVERY, STORAGE AND HANDLING

A. Delivery:
   1. Deliver doors to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage: Doors shall be stored and handled in accordance with the manufacturer's recommendations and the WDMA – Appendix Section – "Care and Installation at Job Site".
   1. Doors shall be stored on a flat and level surface in a well-ventilated dry building. Doors shall not be stored on edge and shall be protected from dirt, water and abuse.
   2. Doors shall not be subjected to extreme heat or humidity. HVAC systems should be set to provide a temperature range of 50-90 degrees F and 25-55% relative humidity.
   3. Seal top and bottom edges if stored more than one week. Break seal on packaging, if bagged, on the site to permit ventilation.

C. Handling:
   1. Handle doors in accordance with manufacturer's instructions.
   2. Protect doors and finish during handling and installation to prevent damage.
   3. Handle doors with clean hands or clean gloves.
   4. Lift and carry doors. Do not drag doors across other doors or surfaces.
   5. Do not 'walk' a door on its corners.
   6. Doors require light sanding before being painted.

1.8 FIELD CONDITIONS

A. Environmental Limitations: Do not deliver or install doors until spaces are enclosed and weathertight, wet work in spaces is complete and dry, and HVAC system is operating and maintaining temperature between 50 and 90 deg F and relative humidity between 25 and 55 percent during remainder of construction period.

1.8 WARRANTY

A. Standard Warranty: Manufacturer agrees to repair or replace doors that fail in materials or workmanship, or have warped (bow, cup, or twist) more than 1/4 inch in a 42 by 84-inch door section, within specified warranty period.

1. Warranty shall be in effect during the following period of time from substantial completion:

a. Interior doors: Five Years

b. Glass Vision Panels: Five Years

PART 2 - PRODUCTS

2.1 MANUFACTURER

A. VT Industries, Inc., Phone (712-368-4381). www.vtindustries.com. door_info@vtindustries.com.

Design Standard: Supa Collection, SS500, 40 STC, color as selected.

1. Approved manufacturers.
   a. Simpson
   b. Lynden Door
   c. TruStile

B. Source Limitations: Obtain interior paint grade doors from single manufacturer offering Stile and Rail doors that meet performance duty level standards identified in either WDMA or AWI industry standards. All doors must be sourced from one single manufacturer with at least 10 years' experience constructing stile and rail doors. Routed doors are not acceptable.

2.2 MATERIALS

A. General: Use only materials that comply with referenced standards and other requirements specified.

1. Assemble interior doors, including components, with Type II adhesive.

B. Certified Wood: Paint grade doors shall be certified as "FSC Percentage or Mix Credit" according to FSC STD-01-001 and FSC STD-40-004.

C. Composite Wood Products: Products shall be made using ultra-low-emitting formaldehyde resins as defined in the California Air Resources Board's "Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Products" or shall be made with no added formaldehyde.

D. Panel Products:
2. Medium-density fiberboard (MDF), complying with ANSI A208.2, Grade 155.

E. Safety Glass: Provide products complying with testing requirements in 16 CFR 1201, for Category II materials, unless those of Category I are expressly indicated and permitted.

1. Glass types per 088000.

2.3 INTERIOR NON-RATED STILE AND RAIL DOORS

A. Paint grade stile and rail doors complying with [**WDMA I.S.6A-13**] [**AWS latest edition**] industry standard for wood stile and rail doors and with other requirements specified. All Fire doors must match non-rated doors.

1. Panel Designs: **Raised**. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.
2. Grade: Custom
3. Finish: Opaque.
4. Material: Align with industry standards and specified Performance Duty Levels
5. Door Construction for Opaque Finish: Constructed to meet or exceed Performance Duty Levels outlined in industry standards
6. Stile and Rail Widths: Manufacturer's standard, but not less than the following:

    a. 1-3/4” Door
        1) Stiles: [6 inches] <Insert dimension>.
        2) Top Rail: [6 inches] <Insert dimension>.
        3) Intermediate Rails and Mullions: [**6 inches**] <**Insert dimension**>.
        4) Lock Rails: [6 inches] <Insert dimension>.
        5) Bottom Rails: [10 inches] <Insert dimension>.

7. Raised-Panel Thickness:

    a. 1-3/4-Inch Doors: Not less than 1-1/8 inches.

8. Sticking Profile: **Manufacturer's standard as selected by Architect from manufacturer's full range.**
9. Glass: clear, fully tempered float glass, 1/4 inch thick, complying with Section 088100 "Glass Glazing."

2.4 INTERIOR FIRE-RATED, STILE AND RAIL PAINT GRADE DOORS

A. Interior Fire-Rated Paint Grade Doors: Doors complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at the following.

B. Interior Fire-Rated Paint Grade Stile and Rail Doors: Interior fire-rated (20/45/60/90-minute) doors complying with [**WDMA I.S.6**] [**AWS's latest edition**] industry standard for stile and rail doors and with other requirements specified.

1. Panel Designs: **Raised.** Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.

2. Finish: Opaque.
3. Door Construction for Opaque Finish to meet performance duty levels outlined in industry standards
4. Edge Construction: At outer vertical stile edges, provide solid-wood edge construction. Wood-veneer edges not acceptable. Comply with specified requirements for exposed edges.

    a. Positive pressure Category A edge construction with intumescent seals concealed by outer stile solid-wood edge cap. Wood-veneer edges not acceptable.

5. Stile and Rail Widths: **Manufacturer's standard, but not less than the following:**

    a. Stiles: **4.5 inches**
    b. Top Rail: **4.5 inches**
    c. Intermediate Rails and Mullions: **3.5 inches**
    d. Lock Rails: **4.5 inches**
    e. Bottom Rails: **8 inches**

6. Raised-Panel Thickness:

    a. 1-3/4-Inch Doors: Not less than 1-1/4 inches.

7. Sticking Profile: **Manufacturer's standard as selected by Architect from manufacturer's full range**.
8. Glass: **Fire Lite Plus**, complying with Section 088100 "Glass Glazing."

2.5 JAMBS

A. Jambs: Per door schedule and specification 081000

2.6 STILE AND RAIL WOOD DOOR FABRICATION

A. Factory fit doors to suit frame-opening sizes indicated, with the following uniform clearances and bevels unless otherwise indicated:

1. Clearances: Provide 1/8 inch at heads, jambs, and between pairs of doors. Provide [**7/8 inch**] from bottom of door to top of decorative floor finish or covering. Where threshold is shown or scheduled, provide not more than [¾” inch] from bottom of door to top of threshold.

    a. Comply with NFPA 80 for fire-rated doors.

2. Non-Fire-Rated Swing Doors: Bevel 3 degrees at lock and hinge edges.
3. Non-Fire-Rated Sliding Doors to have square edges.
4. Fire-Rated Doors: Bevel 3 degrees at lock and hinge edges; trim stiles and rails only to extent permitted by labeling agency.

    a. Fire-rated doors must be factory pre-fit and beveled.
    b. No site modifications permitted without prior written authorization by manufacturer or labeling agency.

5. Smoke and Draft Control Doors: In addition to required fire rating, provide stile and rail door assemblies in compliance with WDMA I.S.6A requirements for "S" label; if necessary, provide additional gasketing or edge sealing.

B. Factory machine doors for hardware that is not surface applied. Locate hardware to comply with DHI-WDHS-3. Comply with final hardware schedules, door frame Shop Drawings, BHMA-156.115-W, and hardware templates.

1. Coordinate measurements of hardware mortises in metal frames to verify dimensions and alignment before factory machining.
2. Fire-rated doors must be factory machined for door hardware.

a. No site modifications permitted without prior written authorization by manufacturer or labeling agency.

C. Glazed Openings: Trim openings indicated for glazing moldings, with one side removable. Mitered moldings at corner joints.

D. Glazed Openings: Factory install glazing in doors, Install glass using manufacturer's standard elastomeric glazing sealant complying with ASTM C 920. Secure glass in place with removable moldings. Miter moldings at corner joints.

E. Transom and Side Panels: Fabricate panels to match adjoining doors in materials, finish, and quality of construction.

2.7 FACTORY FINISHING

A. Doors for Factory Finish of Interior Doors for Opaque Finish: Per WDMA I.S.6A, and with other requirements specified.

1. Finish faces and all four edges of doors. Fillers may be omitted edges of cutouts, and mortises.
2. Finish: WDMA approved finishing system
3. Paint: **As selected by Architect**
4. Sheen: **Satin**

B. Factory finish doors in accordance with approved sample.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine doors and installed door frames, with Installer present, before hanging doors.
1. Verify that installed frames comply with indicated requirements for type, size, location, and swing characteristics and have been installed with level heads and plumb jambs.
2. Reject doors with defects.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Hardware: For installation, see Section 087100 Door Hardware.

B. Installation Instructions: Install doors to comply with manufacturer's written instructions and referenced quality standard, and as indicated.

1. Install fire-rated doors in accordance with NFPA 80, Intertek/Warnock Hersey (WHI), and UL requirements as applicable.
2. Install smoke and draft control doors in accordance with NFPA 105 requirements.

C. Factory-Fitted Doors: Align and fit doors in frames with uniform clearances and bevels as indicated below; do not trim stiles and rails in excess of limits set by manufacturer or permitted with fire-rated doors. Machine doors for hardware. Seal edges of doors, edges of cutouts, and mortises after fitting and machining.

1. Clearances: Provide 1/8 inch at heads, jambs, and between pairs of doors. Provide [**7/8 inch**] from bottom of door to top of decorative floor finish or covering unless otherwise indicated. Where threshold is shown or scheduled, provide [**1/4 inch (6 mm)**] [**¾" inch (10 mm)**] from bottom of door to top of threshold unless otherwise indicated.

a. Comply with NFPA 80 for fire-rated doors.
b. No site modifications permitted without prior written authorization by manufacturer or labeling agency; undercutting doors and machining for surface hardware is acceptable but limited.

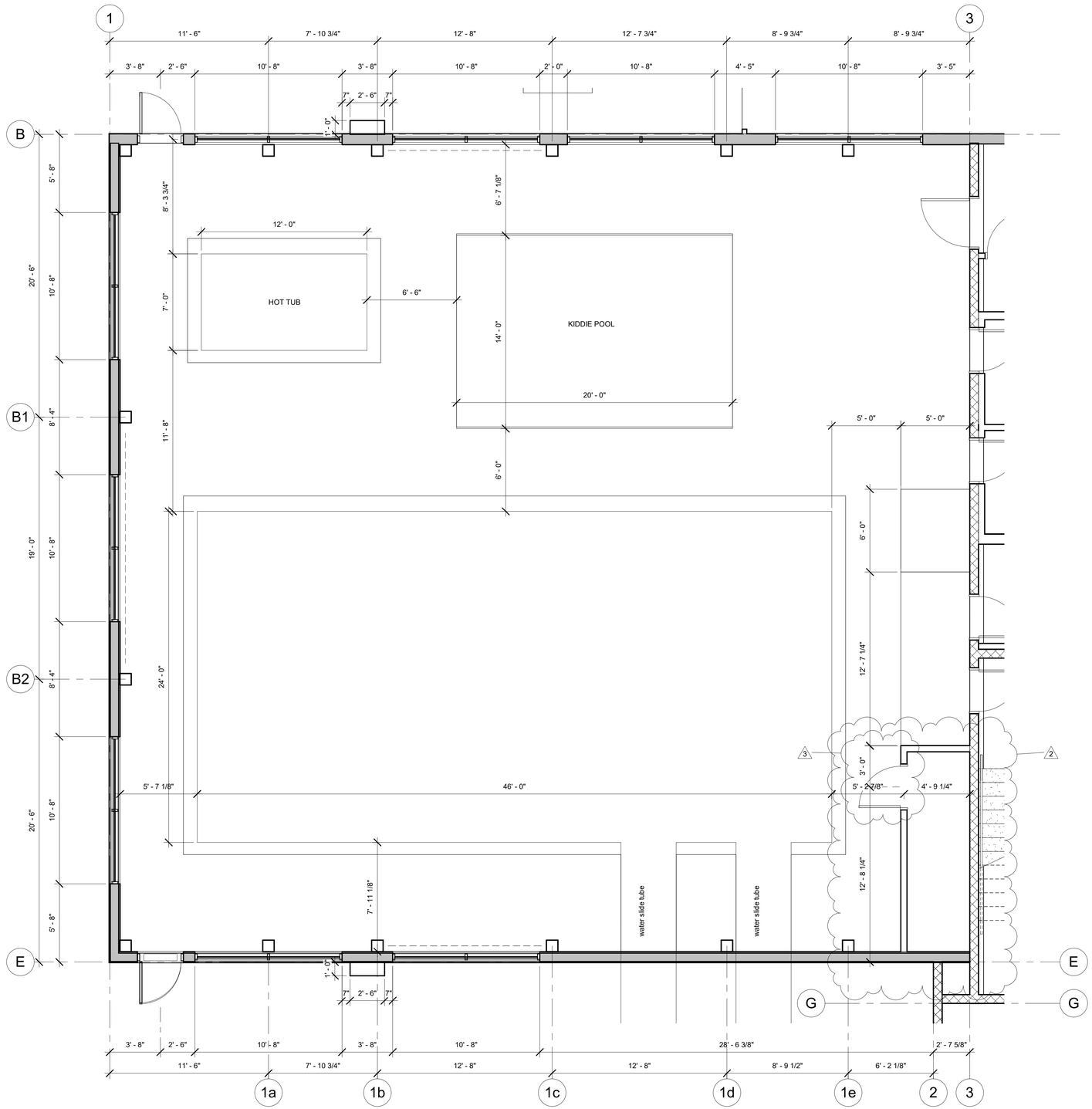
D. **Factory**-Finished Doors: Restore finish before installation if fitting or machining is required at Project site.

3.3 ADJUSTING

A. Operation: Rehang or replace doors that do not swing or operate freely.

B. Finished Doors: Replace doors that are damaged or do not comply with requirements. Doors may be repaired or refinished if Work complies with requirements and shows no evidence of repair or refinishing.

END OF SECTION



1 DIM MAIN LEVEL FLOOR PLAN - Callout 1
1/4" = 1'-0"

LICENSED
ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

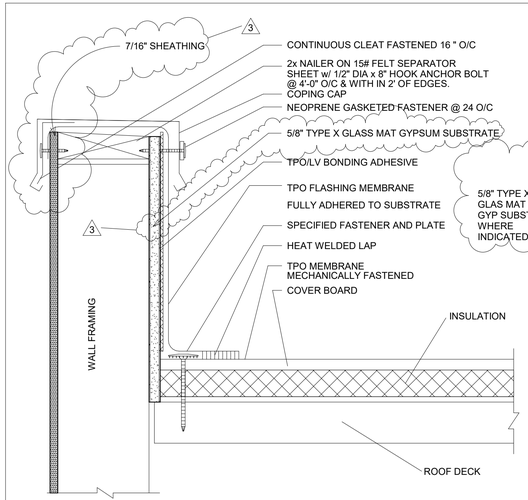
DATE	
6-2-22	REV 1
6-9-22	REV 2
6-16-22	REV 3

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
MAIN DIM PLAN - CALLOUT 1

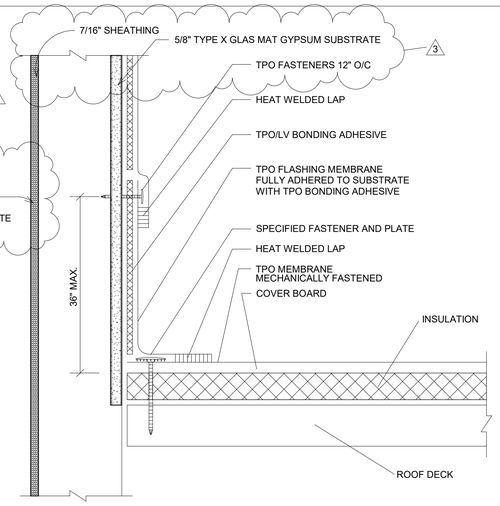
Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

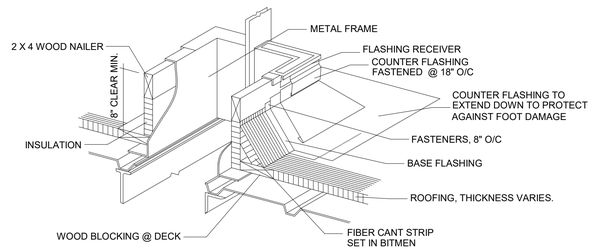
A2-6



1 PARAPET WALL FLASHING
3" = 1'-0"



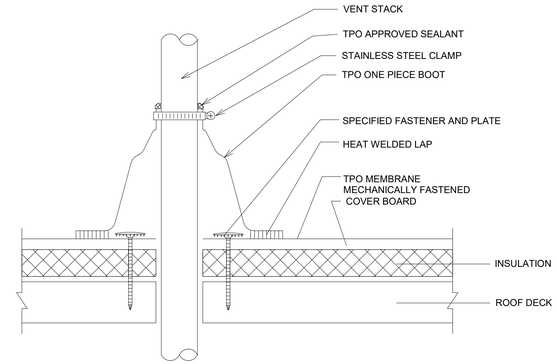
2 HIGH PARAPET WALL FLASHING
3" = 1'-0"



NOTE:
1. CURB, WOOD NAILER, INSULATION AND SEAL STRIP TO BE SUPPLIED BY CURB MANUFACTURE.
2. 4 X 4 PRESSURE TREATED PLATE TO BE USED FOR LEVELING OF CURB.

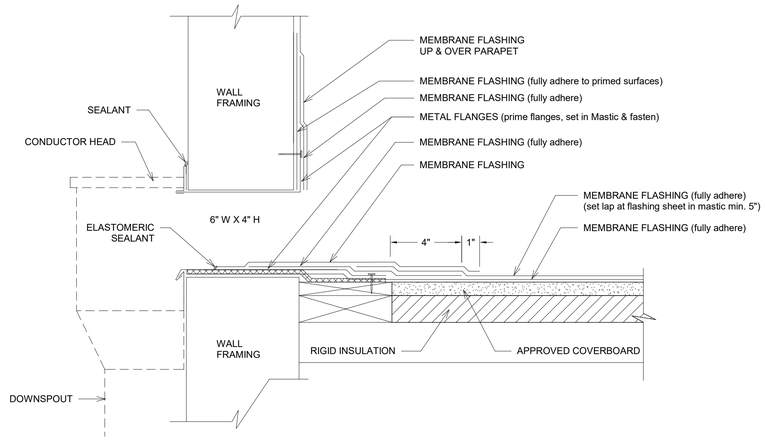
NOTE:
CONTRACTOR TO BUILD FLAT WOOD CURB FOR FACTORY CURB TO SIT ON IF REQUIRED BY MANUFACTURER.

3 TYP. EQUIPMENT & VENT CURB
1 1/2" = 1'-0"

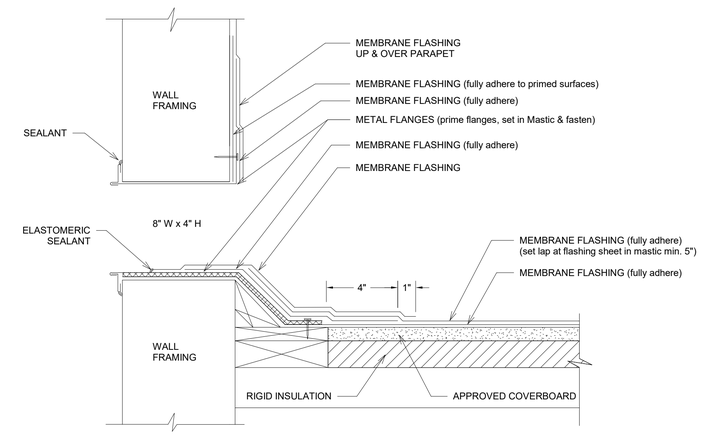


NOTE:
1. DO NOT CUT PREFABRICATED BOOT. IT MUST BE PULLED OVER VENT PIPE.
2. PREFABRICATED BOOTS ARE AVAILABLE IN SMALL & LARGE SIZES, AND MUST BE USED WHENEVER POSSIBLE TO FLASH PIPES 1" TO 8" IN DIAMETER.

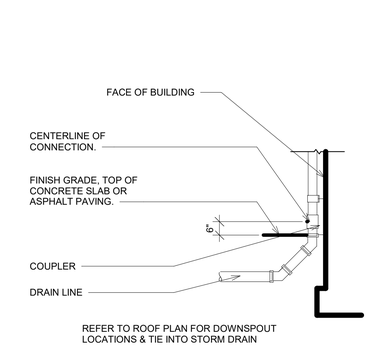
4 PREFABRICATED VENT PIPE FLASHING
3" = 1'-0"



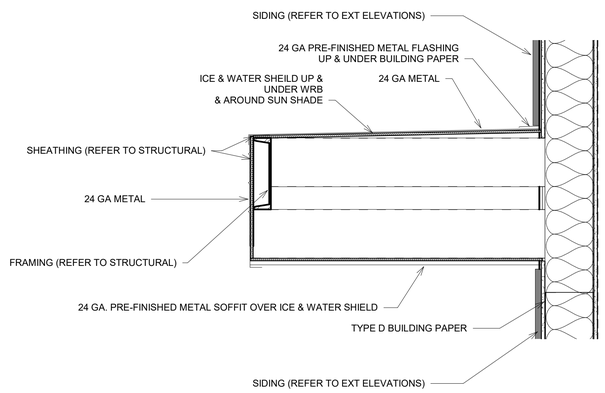
5 SCUPPER W/ CONDUCTOR HEAD
3" = 1'-0"



6 OVERFLOW SCUPPER
3" = 1'-0"



7 DOWNSPOUT DETAIL
3/8" = 1'-0"



8 RED CANOPY
1" = 1'-0"

LICENSED ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

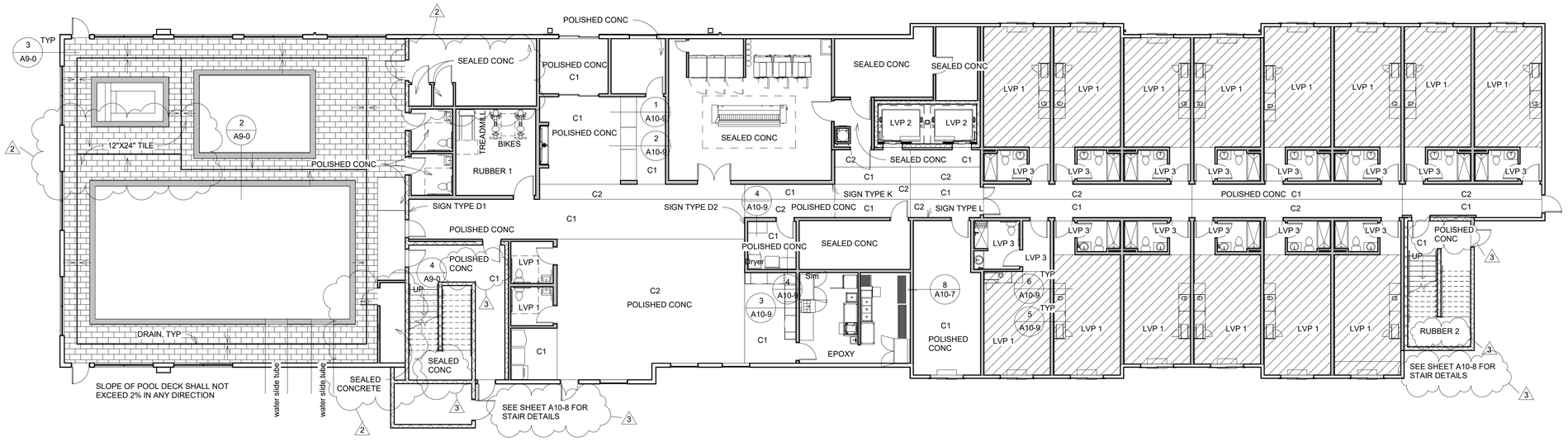
DATE

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
ROOF DETAILS

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

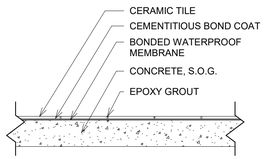
DATE: 5/6/2022
NM Drawn
RCR Checked

A4-1



1 MAIN LEVEL FINISH PLAN
3/32" = 1'-0"

F122-17
ON-GROUND CONCRETE
WATERPROOF MEMBRANE
CERAMIC TILE, GLASS TILE



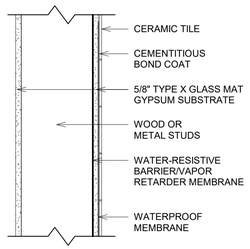
MATERIALS:
- CERAMIC TILE - ANSI A137.1.
- EPOXY GROUT - ANSI A118.3 OR ISO RG.
- CEMENTITIOUS BOND COAT:
  - ANSI A118.4 OR BETTER OR ISO C2S1 OR BETTER, UNLESS ANSI A118.1 OR ISO C1 IS RECOMMENDED BY MEMBRANE MANUFACTURER.
- EPOXY BOND COAT, WHEN USED - ANSI A118.3 OR ISO R1 OR BETTER.
- WATERPROOF MEMBRANE - ANSI A118.10.

PREPARATION BY OTHER TRADES
- SLABS TO HAVE STEEL TROWEL FINISH FREE OF CURING COMPOUNDS. WHEN USED, MECHANICAL SCARIFICATION IS NECESSARY.
- MAXIMUM ALLOWABLE VARIATION IN THE TILE SUBSTRATE - FOR TILES WITH ALL EDGES THAN 15", MAXIMUM ALLOWABLE VARIATION IS 1/4" IN 10' FROM THE REQUIRED PLANE, WITH NO MORE THAN 1/16" VARIATION IN 12" WHEN MEASURED FROM THE HIGH POINTS IN THE SURFACE. FOR TILES WITH AT LEAST ONE EDGE 15" IN LENGTH, MAXIMUM ALLOWABLE VARIATION IS 1/8" IN 10' FROM THE REQUIRED PLANE, WITH NO MORE THAN 1/16" VARIATION IN 24" WHEN MEASURED FROM THE HIGH POINTS IN THE SURFACE.
- SLOPE SUBFLOOR 1/4" PER FOOT TO DRAIN.

MOVEMENT JOINTS - MANDATORY ACCORDING TO EJ171

2 SWIMMING POOL FLOOR
1 1/2" = 1'-0"

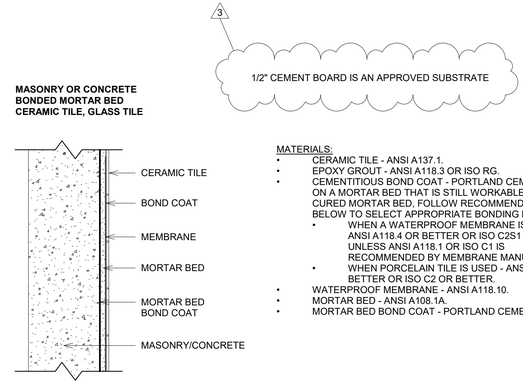
METAL STUDS
CERAMIC TILE



MATERIALS:
- CERAMIC TILE - ANSI A137.1.
- EPOXY GROUT - ANSI A118.3 OR ISO RG.
- CEMENTITIOUS BOND COAT:
  - WHEN A WATERPROOF MEMBRANE IS USED - ANSI A118.4 OR BETTER OR ISO C2S1 OR BETTER, UNLESS ANSI A118.1 OR ISO C1 IS RECOMMENDED BY MEMBRANE MANUFACTURER.
- TYPE 'X' GLASS MAT GYPSUM SUBSTRATE - TEMPLE-INLAND 5/8" GREENGLASS TYPE X.
- FASTENERS - NONCORROSIVE AND NONOXIDIZING.
- HOT-DIPPED FASTENERS MEETING ASTM F2329-05 REQUIRED IN WET AREAS.
- WATERPROOF MEMBRANE - ANSI A118.10.
- METAL STUDS - ASTM C645.

3 POOL EXTERIOR WALL
1 1/2" = 1'-0"

MASONRY OR CONCRETE
BONDED MORTAR BED
CERAMIC TILE, GLASS TILE



MATERIALS:
- CERAMIC TILE - ANSI A137.1.
- EPOXY GROUT - ANSI A118.3 OR ISO RG.
- CEMENTITIOUS BOND COAT - PORTLAND CEMENT PASTE ON A MORTAR BED THAT IS STILL WORKABLE. FOR A CURED MORTAR BED, FOLLOW RECOMMENDATIONS BELOW TO SELECT APPROPRIATE BONDING MORTAR:
  - WHEN A WATERPROOF MEMBRANE IS USED - ANSI A118.4 OR BETTER OR ISO C2S1 OR BETTER, UNLESS ANSI A118.1 OR ISO C1 IS RECOMMENDED BY MEMBRANE MANUFACTURER.
  - WHEN PORCELAIN TILE IS USED - ANSI A118.4 OR BETTER OR ISO C2 OR BETTER.
- WATERPROOF MEMBRANE - ANSI A118.10.
- MORTAR BED - ANSI A108.1A.
- MORTAR BED BOND COAT - PORTLAND CEMENT SLURRY.

4 POOL CMU WALL
1 1/2" = 1'-0"

LICENSED ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

DATE	
6-9-22	REV 2
6-16-22	REV 3

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
MAIN FLOOR FINISH PLAN

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

A9-0

1 2ND LEVEL FINISH PLAN
3/32" = 1'-0"

LICENSED ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

DATE	
6-16-22	REV 3

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
2ND FLOOR FINISH PLAN

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

A9-1

1 3RD LEVEL FINISH PLAN
3/32" = 1'-0"

LICENSED ARCHITECT AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

DATE	
6-16-22	REV 3

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
3RD FLOOR FINISH PLAN

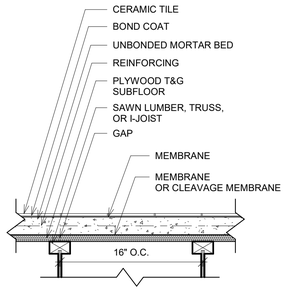
Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

A9-2

1 4TH LEVEL FINISH PLAN
3/32" = 1'-0"

F141-17
JOISTS MAX. 16" O.C./PLYWOOD SUBFLOOR
UNBONDED MORTAR BED
CERAMIC TILE, GLASS TILE



MATERIALS:
- CERAMIC TILE - ANSI A137.1.
- EPOXY GROUT, WHEN USED - ANSI A118.3 OR ISO RG.
- CEMENTITIOUS BOND COAT - PORTLAND CEMENT PASTE ON A MORTAR BED THAT IS STILL WORKABLE. FOR A CURED MORTAR BED, FOLLOW RECOMMENDATIONS BELOW TO SELECT APPROPRIATE BONDING MORTAR:
  - WHEN A WATERPROOF MEMBRANE IS USED - ANSI A118.4 OR BETTER OR ISO C2S1 OR BETTER, UNLESS ANSI A118.1 OR ISO C1 IS RECOMMENDED BY MEMBRANE MANUFACTURER.
- EPOXY BOND COAT, WHEN USED - ANSI A118.3 OR ISO R1 OR BETTER.
- WATERPROOF MEMBRANE - ANSI A118.10.
- MORTAR BED, REINFORCING, AND CLEAVAGE MEMBRANE - ANSI A108.1A.

2 POOL LAUNCH FLOOR
1 1/2" = 1'-0"

LICENSED ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

DATE	
6-9-22	REV 2
6-16-22	REV 3

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
4TH FLOOR FINISH PLAN

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

A9-3

Main Floor Room Finish Schedule

Number	Name	Base Finish	Floor Finish	Materials				Finishes				Ceiling Material	Ceiling Finish	REMARKS
				North	East	South	West	North	East	South	West			
1.1	VESTIBULE	RUBBER 2	POLISHED CONCRETE	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	WOOD	STAINED	
1.2	LOBBY	RUBBER 2	POLISHED CONCRETE	GYP BD			GYP BD	PT			PT	2X2 ACT/ GYP BD	FF/PT	
1.3	REC	RUBBER 2	POLISHED CONCRETE	GYP BD	GYP BD			PT	PT			2X2 ACT/ GYP BD	FF/PT	
1.4	OFFICE	RUBBER 2	POLISHED CONCRETE	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT	FF	
1.5	LAUNDRY/CARTS	RUBBER 3	SEALED CONCRETE	TBB	TBB	TBB	TBB	PT	PT	PT	PT	2X2 ACT	FF	
1.6	ELEC	RUBBER 3	SEALED CONCRETE	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
1.7	ELEVATOR EQUIP	RUBBER 3	SEALED CONCRETE	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
1.8	CHUTE DISCHARGE	RUBBER 3	SEALED CONCRETE	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
1.9	ELEV	PER MFG	LVP 2	PER MFG	PER MFG	PER MFG	PER MFG	FF	FF	FF	FF	PER MFG	FF	
1.10	STAIR	RUBBER 3	POLISHED CONCRETE	CMU	CMU	CMU	CMU	PT	PT	PT	PT	GYP BD	PT	RUBBER 2 FLOORING ON STAIRS
1.11	HOT WATER	RUBBER 3	SEALED CONCRETE	TBB	TBB	TBB	TBB	PT	PT	PT	PT	GYP BD	PT	
1.12	LAUNDRY	RUBBER 2	POLISHED CONCRETE	TBB	TBB	TBB	TBB	PT	PT	PT	PT	2X4 ACT	FF	
1.13	KITCHEN	COVED 6"	EPOXY	TBB	TBB	TBB	TBB	FRP	FRP	FRP	FRP	2X4 ACT	FF	FRP TO 10'-0"
1.14	DINING	RUBBER 2	POLISHED CONCRETE		GYP BD/MDF	GYP BD	GYP BD/MDF		PT/ACC PT	PT	PT/ACC PT	GYP BD	PT	
1.15	RR	RUBBER 2	LVP 1	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	GYP BD	PT	TILE TO 7'-0"
1.16	RR	RUBBER 2	LVP 1	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	GYP BD	PT	TILE TO 7'-0"
1.17	STAIR	RUBBER 3	POLISHED CONCRETE	CMU	CMU	CMU	CMU	PT	PT	PT	PT	CONCRETE	PT	SEALED CONCRETE STAIRS
1.18	GYM	RUBBER 1	RUBBER 1	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
1.19	SWIMMING POOL	TILE	TILE	GYP BD	GYP BD	GYP BD	GYP BD	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	METAL DECK	EPOXY PT	TILE TO 8'-6", ACC PT @ COLUMNS
1.19P	PUMP	RUBBER 3	SEALED CONCRETE	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	STRUCTURE	EPOXY PT	
1.20	RR	RUBBER 2	POLISHED CONCRETE	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	GYP BD	PT	TILE TO 7'-0"
1.21	RR	RUBBER 2	POLISHED CONCRETE	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	GYP BD	PT	TILE TO 7'-0"
1.22	POOL EQUIPMENT	RUBBER 3	SEALED CONCRETE	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	EPOXY PT	
1.22E	ELEC	RUBBER 3	SEALED CONCRETE	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	EPOXY PT	
1.23	CHEMICAL	RUBBER 3	SEALED CONCRETE	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	EPOXY PT	
1.24	CORR	RUBBER 2	POLISHED CONCRETE	GYP BD/MDF	GYP BD/MDF	GYP BD/MDF	CMU	PT/ACC PT	PT/ACC PT	PT/ACC PT	PT	2X2 ACT/ GYP BD	FF/PT	
1.25	CORR	RUBBER 2	POLISHED CONCRETE	GYP BD/MDF	GYP BD/MDF	GYP BD/MDF	GYP BD/MDF	PT/ACC PT	PT/ACC PT	PT/ACC PT	PT/ACC PT	2X2 ACT/ GYP BD	FF/PT	
1.26	BUSINESS CENTER	RUBBER 2	POLISHED CONCRETE	GYP BD	GYP BD	GYP BD	GYP BD	PT/WOOD	PT/WOOD	PT/WOOD	PT/WOOD	2X2 ACT	FF	
1.27	FRR	RUBBER 3	SEALED CONCRETE	CMU	CMU	CMU	CMU	SEALED	SEALED	SEALED	SEALED			
101	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT DEC	FF	
101B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
102	ADA Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	2X2 ACT DEC	FF	
102B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT	EPOXY PT	GYP BD	PT	
103	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT DEC	FF	
103B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
104	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	2X2 ACT DEC	FF	
104B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
105	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT DEC	FF	
105B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
106	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	2X2 ACT DEC	FF	
106B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
107	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT DEC	FF	
107B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
108	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	2X2 ACT DEC	FF	
108B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
109	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT DEC	FF	
109B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
110	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	2X2 ACT DEC	FF	
110B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
111	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT DEC	FF	
111B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
112	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	2X2 ACT DEC	FF	
112B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
113	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT DEC	FF	
113B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
115	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	2X2 ACT DEC	FF	
115B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	

NOTE:
ALL GYPSUM BOARD SHALL BE TYPE 'X'

2nd Floor Room Finish Schedule

Number	Name	Base Finish	Floor Finish	Materials				Finishes				Ceiling Material	Ceiling Finish	REMARKS
				North	East	South	West	North	East	South	West			
2.1	CARTS/STG	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
2.2	ELEC	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
2.3	CHUTE	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
2.4	ELEV	PER MFG	LVP 2	PER MFG	PER MFG	PER MFG	PER MFG	FF	FF	FF	FF	PER MFG	FF	
2.5	STAIR	RUBBER 3	LVP 2 LANDING	CMU	CMU	CMU	CMU	PT	PT	PT	PT	GYP BD	PT	RUBBER 2 FLOORING ON STAIRS
2.6	STAIR	RUBBER 3	SEALED CONCRETE LANDING	CMU	CMU	CMU	CMU	PT	PT	PT	PT	CONCRETE	PT	SEALED CONCRETE STAIRS
2.7	CORR	RUBBER 2	LVP 2/4	GYP BD/MDF	GYP BD/MDF	GYP BD/MDF	CMU	PT/ACC PT	PT/ACC PT	PT/ACC PT	PT	2X2 ACT/ GYP BD	FF/PT	
201	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
201B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
202	ADA Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
202B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT/TILE	GYP BD	PT	
203	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
203B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
204	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
204B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
205	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
205B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
206	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
206B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
207	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
207B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT/TILE	GYP BD	PT	
208	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
208B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
209	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
209B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
210	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
210B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
211	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
211B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
212	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
212B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
213	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
213B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
214	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
214B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
215	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
215B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
216	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
216B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
217	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
217B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
218	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
218B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
219	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
219B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
220	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
220B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
221	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
221B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
222	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
222B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
223	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
223B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
224	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
224B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
225	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
225B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
226	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
226B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
227	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
227B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	

LICENSED ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

DATE
6-9-22 REV 2
6-16-22 REV 3

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
ROOM FINISH SCHEDULE 1ST & 2ND

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

A9-4

3rd Floor Room Finish Schedule

Number	Name	Base Finish	Floor Finish	Materials				Finishes				Ceiling Material	Ceiling Finish	REMARKS
				North	East	South	West	North	East	South	West			
3.1	CARTS/STG	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
3.2	ELEC	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
3.3	CHUTE	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
3.4	ELEV	PER MFG	LVP 2	PER MFG	PER MFG	PER MFG	PER MFG	FF	FF	FF	FF	PER MFG	FF	
3.5	STAIR	RUBBER 3	LVP 2 LANDING	CMU	CMU	CMU	CMU	PT	PT	PT	PT	GYP BD	PT	RUBBER 2 FLOORING ON STAIRS
3.6	STAIR	RUBBER 3	SEALED CONCRETE LANDING	CMU	CMU	CMU	CMU	PT	PT	PT	PT	CONCRETE	PT	SEALED CONCRETE STAIRS
3.7	MECH	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
3.8	CORR	RUBBER 2	LVP 2/4	GYP BD/MDF		GYP BD/MDF	GYP BD/MDF	PT/ACC PT		PT/ACC PT	PT/ACC PT	2X2 ACT/ GYP BD	FF/PT	
3.9	CORR	RUBBER 2	LVP 2/4	GYP BD/MDF	GYP BD/MDF	GYP BD/MDF		PT/ACC PT	PT/ACC PT	PT/ACC PT		2X2 ACT/ GYP BD	FF/PT	
301	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
301B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
302	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
302B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
303	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
303B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
304	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
304B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
305	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
305B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
306	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
306B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
307	ADA Room	WOOD, PT	LVP 1/3	TBB	TBB	TBB	TBB	ACC PT	PT	PT	PT	GYP BD	FF	
307B	Room	TILE	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	EPOXY PT	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
308	ADA Room	WOOD, PT	LVP 1/3	TBB	TBB	TBB	TBB	PT	PT	ACC PT	PT	GYP BD	FF	
308B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT/TILE	GYP BD	PT	
309	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
309B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
310	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
310B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
311	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
311B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
312	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
312B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
313	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
313B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
314	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
314B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
315	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
315B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
316	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
316B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
317	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
317B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
318	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
318B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
319	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
319B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
320	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
320B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
321	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
321B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
322	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
322B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
323	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
323B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
324	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
324B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
325	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
325B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
326	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
326B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
327	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
327B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
328	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
328B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
329	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
329B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
330	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
330B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
331	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
331B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
332	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
332B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
333	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
333B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
335	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
335B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	

4th Floor Room Finish Schedule

Number	Name	Base Finish	Floor Finish	Materials				Finishes				Ceiling Material	Ceiling Finish	REMARKS
				North	East	South	West	North	East	South	West			
4.1	CARTS/STG	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
4.2	ELEC	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
4.3	CHUTE	RUBBER 3	LVP 3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
4.4	ELEV	PER MFG	LVP 2	PER MFG	PER MFG	PER MFG	PER MFG	FF	FF	FF	FF	PER MFG	FF	
4.5	STAIR	RUBBER 3	LVP 2 LANDING	CMU	CMU	CMU	CMU	PT	PT	PT	PT	GYP BD	PT	RUBBER 2 FLOORING ON STAIRS
4.6	STAIR	RUBBER 3	SEALED CONCRETE LANDING	CMU	CMU	CMU	CMU	PT	PT	PT	PT	CONCRETE	PT	SEALED CONCRETE STAIRS
4.7	WATERSLIDE LAUNCH	TILE	TILE	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	GYP BD	PT	THICK SET TILE FLOOR, SLOPED
4.8	CORR	RUBBER 2	LVP 2/4	GYP BD/MDF		GYP BD/MDF	GYP BD/MDF	PT/ACC PT		PT/ACC PT	PT/ACC PT	2X2 ACT/ GYP BD	FF/PT	
4.9	CORR	RUBBER 2	LVP 2/4	GYP BD/MDF	GYP BD/MDF	GYP BD/MDF		PT/ACC PT	PT/ACC PT	PT/ACC PT		2X2 ACT/ GYP BD	FF/PT	
401	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
401B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
402	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
402B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
403	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
403B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
404	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
404B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
405	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
405B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
406	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
406B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
407	ADA Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
407B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
408	ADA Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
408B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT/TILEPOXY PTE	EPOXY PT/TILE	GYP BD	PT	
409	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
409B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
410	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
410B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
411	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
411B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
412	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
412B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
413	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
413B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
414	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
414B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
415	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
415B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
416	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
416B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
417	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
417B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
418	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
418B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
419	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
419B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
420	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
420B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
421	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
421B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
422	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
422B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
423	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
423B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
424	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
424B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
425	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
425B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
426	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
426B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
427	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT	PT	PT	PT	GYP BD	FF	
427B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	PT	
428	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
428B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT/TILE	GYP BD	PT	
429	ADA Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT/TILE	PT	PT	PT/TILE	GYP BD	FF	
429B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT/TILE	GYP BD	PT	
430	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
430B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
431	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT/TILE	PT/TILE	PT	PT	GYP BD	FF	
431B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
432	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	ACC PT	PT	GYP BD	FF	
432B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	
433	Room	WOOD, PT	LVP 1/3	GYP BD	GYP BD	GYP BD	GYP BD	ACC PT/TILE	PT/TILE	PT	PT	GYP BD	FF	
433B	RR	TILE	LVP 3	TBB	TBB	TBB	TBB	EPOXY PT	EPOXY PT/TILE	EPOXY PT/TILE	EPOXY PT	GYP BD	PT	

NOTE:
ALL GYPSUM BOARD SHALL BE TYPE 'X'

LICENSED ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

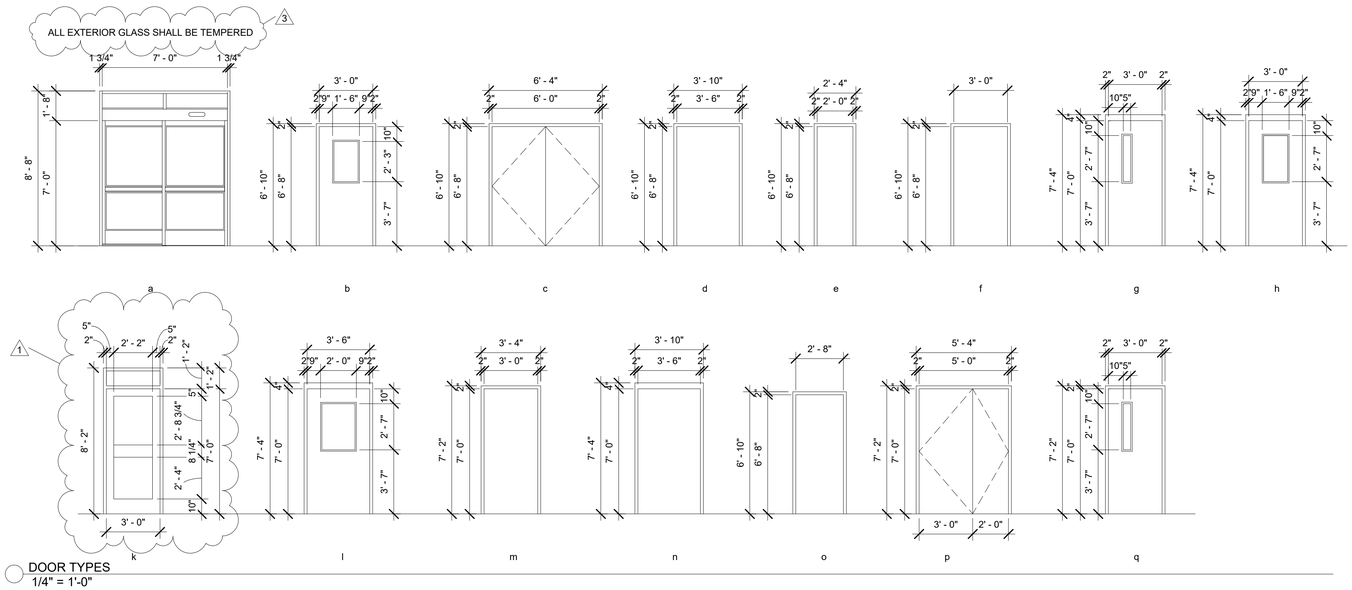
DATE
6-16-22 REV 3

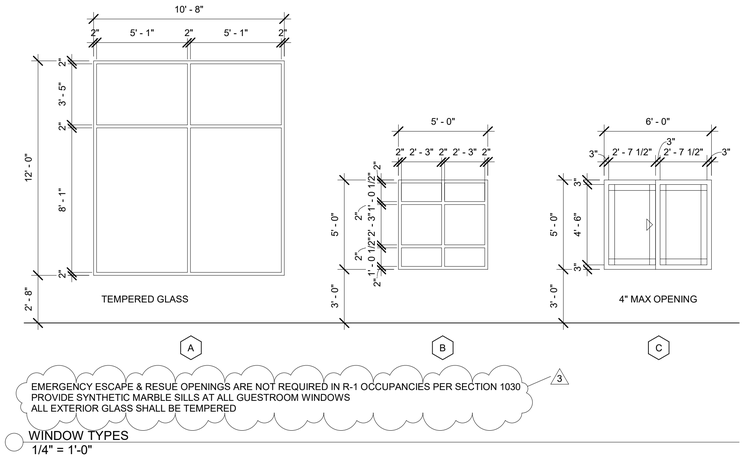
A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
ROOM FINISH SCHEDULE 3RD & 4TH

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

A9-5





LICENSED
ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

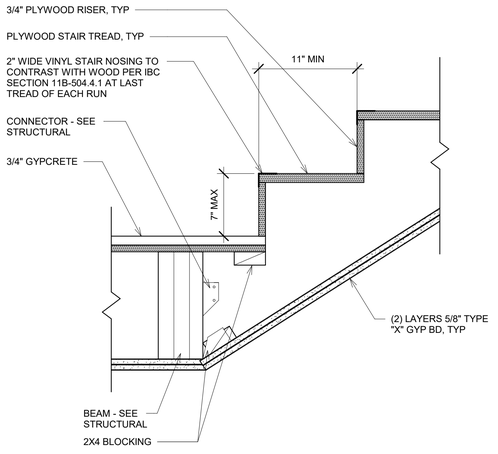
DATE		
6-2-22	REV 1	
6-16-22	REV 3	

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
DOOR & WINDOW TYPES

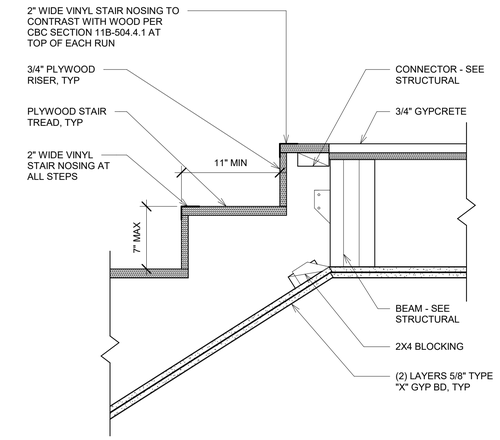
Laughlin Ricks Architecture
architecture/planning
134 3RD A VE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

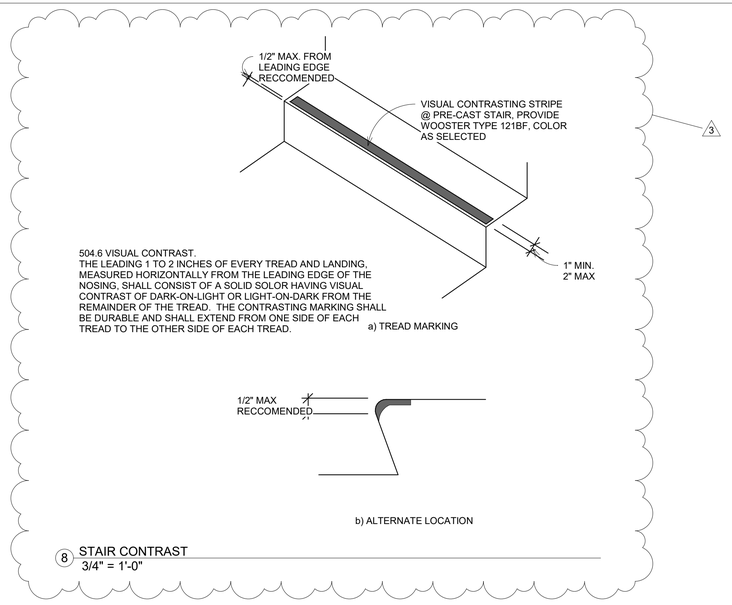
A9-10



1 BOTTOM OF STAIR @ LANDING
1 1/2" = 1'-0"



2 TOP OF STAIR @ LANDING
1 1/2" = 1'-0"

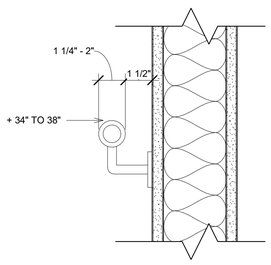


8 STAIR CONTRAST
3/4" = 1'-0"

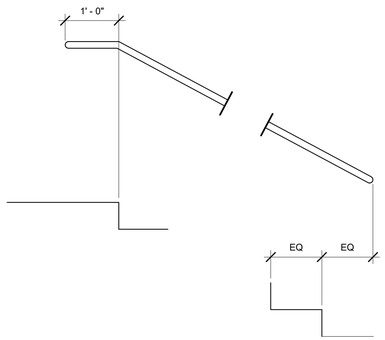
3 STAIR @ WALL
1 1/2" = 1'-0"

1. STAIRWAY INDENTIFICATION - APPROVED STAIRWAY IDENTIFICATION SIGNS SHALL BE LOCATED AT EACH FLOOR LEVEL IN ALL ENCLOSED STAIRWAYS IN BUILDINGS FOUR OR MORE STORIES IN HEIGHT. THE SIGN SHALL IDENTIFY THE STAIRWAY, INDICATE WHETHER THERE IS ROOF ACCESS, THE FLOOR LEVEL, AND THE UPPER AND LOWER TERMINUS OF THE STAIRWAY. THE SIGN SHALL BE LOCATED 5 FEET ABOVE THE FLOOR LANDING IN A POSISTION WHICH PROVIDES UNINTERRUPTED VISIBILITY WHEN THE DOOR IS IN THE OPEN OR CLOSED POSITION.
2. THE SIGN SHALL BE A MINIMUM OF 12 INCHES X 18 INCHES.
3. THE STAIRWAY LOCATION SHALL BE PLACED AT THE TOP OF THE SIGN IN 1 INCH HIGH BLOCK LETTERING WITH 1/4" STROKE ("SOUTH STAIR" OR "NORTH STAIR").
4. THE STAIRWAY'S UPPER TERMINUS SHALL BE PLACED UNDER THE STAIRWAY IDENTIFICATION IN 1 INCH HIGH BLOCK LETTERING WITH 1/4" STROKE. ("ROOF ACCESS" OR "NO ROOF ACCESS").
5. THE FLOOR LEVEL NUMBER SHALL BE PLACED IN THE MIDDLE OF THE SIGN IN 5 INCH HIGH LETTERING WITH 3/4" STROKE. ANY GARAGE LEVEL SHALL HAVE THE LETTER "G" PRECEDING THE FLOOR NUMBER.
6. THE LOWER AND UPPER TERMINUS OF THE STAIRWAY SHALL BE PLACED AT THE BOTTOM OF THE SIGN IN 1 INCH HIGH BLOCK LETTERING WITH 1/4" STROKE.
7. THESE SIGNS SHALL BE MAINTAINED IN AN APPROVED MANNER.
8. PROVIDE BRAILLE AS REQUIRED.

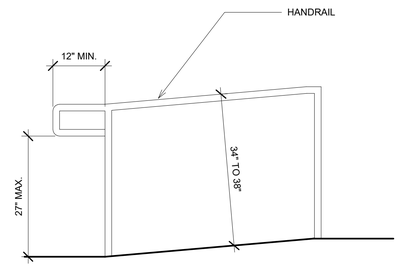
4 STAIRWAY IDENTIFICATION
3" = 1'-0"



5 HANDRAIL TO BUILDING DETAIL
3" = 1'-0"



6 STAIR EXTENSIONS
3/4" = 1'-0"



7 HANDRAIL EXTENSION @ RAMP
3/4" = 1'-0"

LICENSED ARCHITECT
AR-985708
R. COLBY RICKS
STATE OF IDAHO
5/6/2022

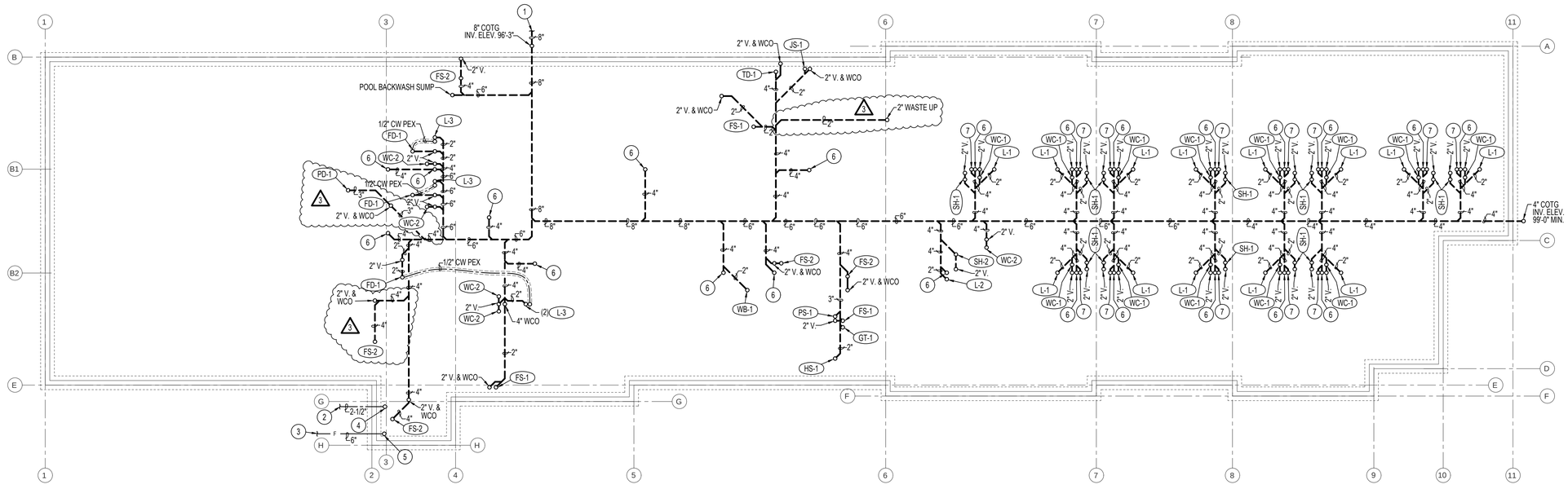
DATE
6-16-22 REV 3

A NEW HOTEL FOR:
TERRA DEVELOPMENT LLC
TWIN FALLS, ID
DETAILS - STAIR DETAILS

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
PHONE: (208) 736-8050

DATE: 5/6/2022
NM Drawn
RCR Checked

A10-8



FOUNDATION - PLUMBING FLOOR PLAN

SCALE: 3/32" = 1'-0"

North

PLAN NOTES:

1. SEE CIVIL SITE PLAN FOR CONTINUATION OF 8" SANITARY SEWER MAIN.
2. SEE CIVIL SITE PLAN FOR CONTINUATION OF 2-1/2" DOMESTIC CW MAIN.
3. SEE CIVIL SITE PLAN FOR CONTINUATION OF 6" FIRE LINE.
4. RISE 2-1/2" DOMESTIC CW MAIN LINE UP THRU SLAB TO PRESSURE REDUCING VALVE ASSEMBLY ABOVE. SEE SHEET P1-1 FOR LOCATION OF PRESSURE REDUCING VALVE ASSEMBLY IN RISER ROOM.
5. RISE 6" FIRE LINE UP THRU SLAB TO FIRE RISER ASSEMBLY ABOVE. SEE SHEET P1-1 FOR LOCATION OF FIRE RISER IN RISER ROOM.
6. 4" WASTE STACK UP IN WALL ABOVE TO SERVE LEVELS OF HOTEL ABOVE.
7. 4" VENT STACK UP IN WALL ABOVE TO SERVE LEVELS OF HOTEL ABOVE.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
V	VENT
VTR	VENT THRU ROOF
CO	CLEANOUT
WCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
	PIPE DROP
	PIPE RISE
	BALL TYPE ISOLATION VALVE
	SOIL OR WASTE PIPING
	VENT LINE PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	HOT WATER RECIRC. PIPING
G	GAS PIPING

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID.
FOUNDATION PLUMBING PLAN

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
(208) 736-8050 Fax: (208) 733-0950

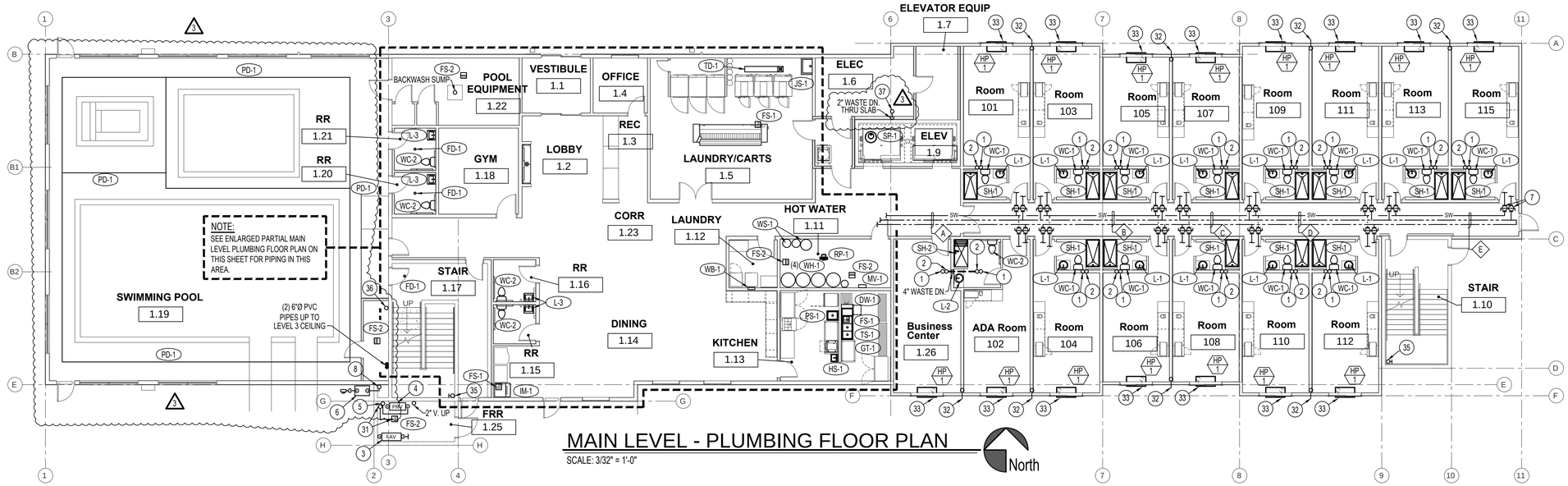
PROFESSIONAL ENGINEER REGISTERED P-18184 May 06, 2022 STATE OF IDAHO DAVID L. HANSEN

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 22017

DATE: 5/06/2022

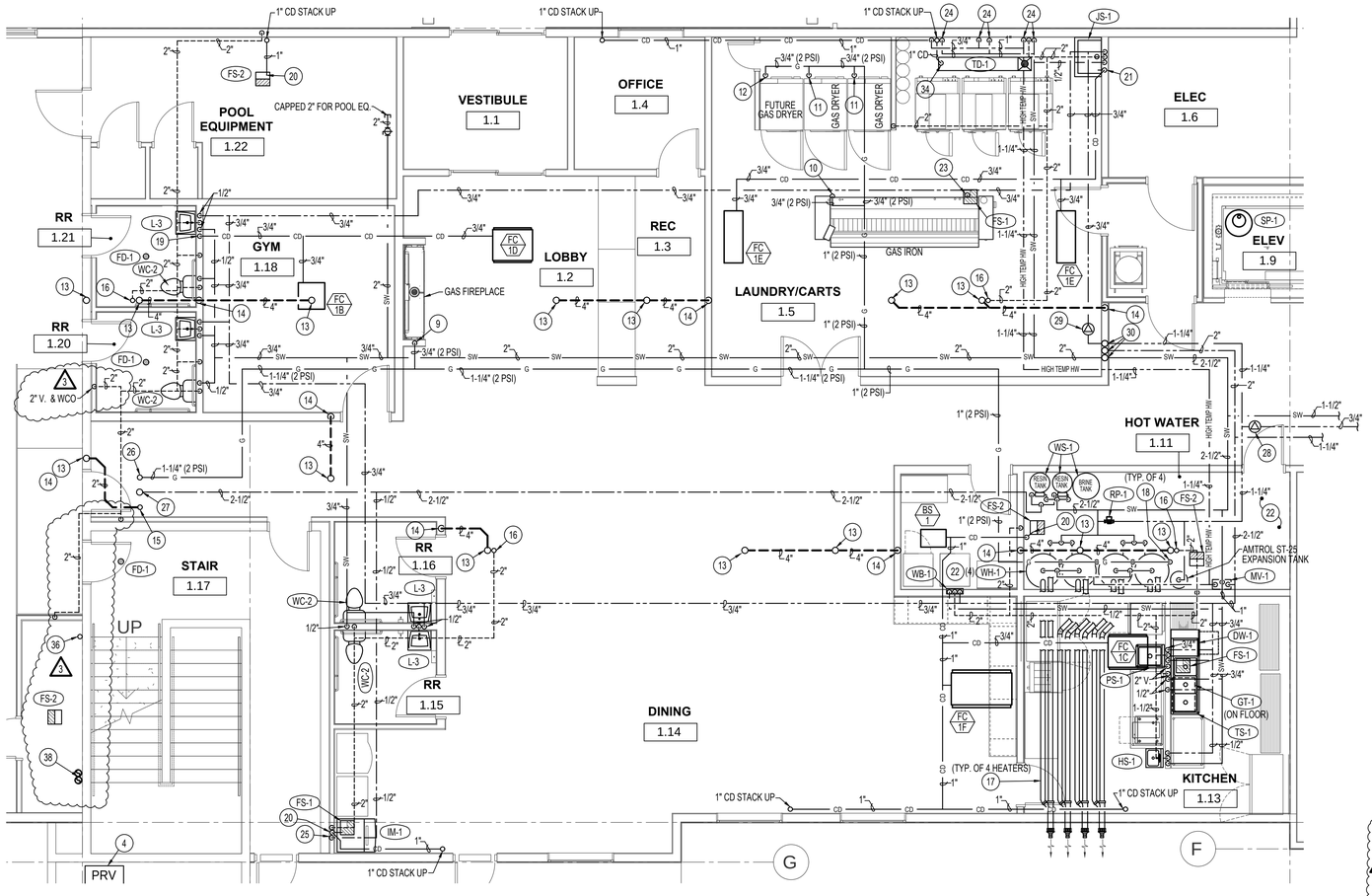
SR Drawn | DLH Checked

P1-0



MAIN LEVEL - PLUMBING FLOOR PLAN

SCALE: 3/32" = 1'-0"



ENLARGED PARTIAL MAIN LEVEL - PLUMBING FLOOR PLAN

SCALE: 3/16" = 1'-0"

PIPING SIZES THIS SHEET ONLY

MARK	SOFT CW	HOT	HOT	HWRC
A	1-1/2"	--	1-1/4"	3/4"
B	1-1/4"	3/4"	1-1/4"	---
C	1-1/4"	1"	1-1/4"	---
D	1"	1"	1-1/4"	---
E	3/4"	1"	1"	---

PLAN NOTES:

1. 4" WASTE STACK UP IN WALL ABOVE TO SERVE LEVELS ABOVE.
2. 4" VENT STACK UP IN WALL ABOVE TO SERVE LEVELS ABOVE.
3. 6" FIRE RISER ASSEMBLY. SEE DETAIL ON SHEET P3-0.
4. 2-1/2" DOMESTIC CW PRESSURE REDUCING VALVE ASSEMBLY. SEE DETAIL ON SHEET P3-0.
5. RISE 2-1/2" DOMESTIC CW MAIN UP EXPOSED ON WALL TO LEVEL 3 ABOVE. SEE SHEET P1-2 FOR CONTINUATION OF PIPING.
6. GAS METER BY LOCAL GAS COMPANY SIZED FOR 1,960,000 BTU AT 2 PSI DELIVERY PRESSURE.
7. TYPICAL BALL TYPE SHUT-OFF VALVE ABOVE LAY-IN CEILING FOR 3/4" HW & 3/4" SOFT COLD WATER SERVING EACH GUEST ROOM.
8. RISE 1-1/4" (2 PSI) GAS LINE UP EXPOSED ON WALL OF RISER ROOM. SEE SHEET P1-2 FOR CONTINUATION OF PIPING.
9. DROP 3/4" (2 PSI) GAS LINE DOWN IN WALL TO SERVE GAS FIREPLACE. INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR 58,000 BTU IN 3/4" GAS LINE & VENT REGULATOR TO THE EXTERIOR. CONNECT 3/4" (OZ.) GAS LINE TO FIREPLACE COMPLETE WITH SHUT-OFF VALVE, DIRT LEG, AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P3-0.
10. DROP 3/4" (2 PSI) GAS LINE DOWN EXPOSED THRU CEILING TO SERVE GAS IRON. INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR 257,000 BTU IN 3/4" GAS LINE AND VENT REGULATOR TO THE EXTERIOR. CONNECT 3/4" (OZ.) GAS LINE TO GAS IRON COMPLETE WITH SHUT-OFF VALVE, DIRT LEG, AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P3-0.
11. DROP 3/4" (2 PSI) GAS LINE DOWN EXPOSED THRU CEILING TO SERVE GAS CLOTHES DRYER. INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR 165,000 BTU IN 3/4" GAS LINE AND VENT REGULATOR TO THE EXTERIOR. CONNECT 3/4" (OZ.) GAS LINE TO DRYER COMPLETE WITH SHUT-OFF VALVE, DIRT LEG, AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P3-0.
12. DROP 3/4" (2 PSI) GAS LINE DOWN EXPOSED THRU CEILING TO SERVE FUTURE GAS CLOTHES DRYER. INSTALL 2 PSI TO OZ. REGULATOR SIZED FOR 165,000 BTU IN 3/4" GAS LINE AND VENT REGULATOR TO THE EXTERIOR. CAP PIPING BELOW REGULATOR FOR FUTURE CONNECTION.
13. 4" WASTE UP IN WALL ABOVE. SEE SHEET P1-2 FOR CONTINUATION OF PIPING.
14. 4" WASTE LINE DOWN IN WALL. SEE SHEET P1-0 FOR CONTINUATION OF PIPING UNDERSLAB.
15. 2" WASTE LINE UP IN CHASE TO SERVE FLOOR SINKS ON LEVELS 2,3, AND 4 ABOVE. SEE SHEET P1-2 FOR CONTINUATION OF PIPING.
16. RISE 2" VENT UP IN WALL AND CONNECT TO 4" VENT STACK ON LEVEL 2 ABOVE.
17. INSTALL (2) 3'Ø FLUES FROM EACH WATER HEATER AS HIGH AS POSSIBLE AT CEILING OF MECH. ROOM AND RUN TO HORIZONTAL VENT TERMINATION ASSEMBLY ON EXTERIOR WALL. SEAL WALL PENETRATION WEATHERTIGHT.
18. INSTALL 2 PSI TO OZ. REGULATOR ON 3/4" GAS LINE SERVING EACH WATER HEATER. SIZE REGULATOR FOR BTU LOAD OF ACTUAL WATER HEATER SUPPLIED. VENT REGULATOR TO THE EXTERIOR. INSTALL 3/4" (OZ.) GAS LINE FROM REGULATOR TO HEATER COMPLETE WITH SHUT-OFF VALVE, FLEXIBLE CONNECTION AND DIRT LEG. SEE DETAIL ON SHEET P3-0.
19. RUN 3/4" CONDENSATE DRAIN LINE DOWN IN WALL AND CONNECT TO SINK SIDE OF P-TRAP USING DISHWASHER CONNECTION ON LAVATORY.
20. RUN 1" CONDENSATE DRAIN LINE DOWN EXPOSED ON WALL OR IN WALL & RUN TO FLOOR SINK. TERMINATE IN FLOOR SINK WITH AIRGAP.
21. RUN 3/4" CONDENSATE DRAIN LINE DOWN EXPOSED ON WALL AND RUN TO FLOOR MOUNTED JANITOR SINK AND TERMINATE IN SINK WITH AIRGAP.
22. SEE SHEET P3-1 FOR WATER HEATER PIPING DIAGRAM SHOWING INDIVIDUAL PIE SIZES IN THIS AREA.
23. RUN 1" CONDENSATE DRAIN FROM GAS FIRED IRON DOWN EXPOSED TO FLOOR SINK AND TERMINATE IN SINK WITH AIRGAP.
24. DROP 3/4" HIGH TEMP. HW PIPING AND 3/4" SOFT CW LINES DOWN EXPOSED ON WALL TO 36" A.F.F. INSTALL BALL TYPE SHUT-OFF VALVES WITH THREADED HOSE CONNECTIONS FOR CLOTHES WASHING MACHINE HOOK-UPS. VERIFY SIZE, AMOUNTS AND TYPE WITH WASHING MACHINE MANUFACTURER.
25. DROP 1/2" HARD COLD WATER LINE DOWN IN WALL TO SERVE ICE MAKER. INSTALL BACKFLOW PREVENTOR ON 1/2" CW LINE AND RUN 3/8" LINE TO ICE MAKER COMPLETE WITH SHUT-OFF VALVE. SEE DETAIL ON SHEET P3-1 FOR BACKFLOW PREVENTOR INFORMATION.
26. 1-1/4" (2 PSI) GAS LINE UP IN CHASE TO LEVEL 3 ABOVE. SEE SHEET P1-2 FOR CONTINUATION OF PIPING ABOVE.
27. 2-1/2" HARD DOMESTIC COLD WATER LINE UP IN CHASE TO LEVEL 3 ABOVE. SEE SHEET P1-2 FOR CONTINUATION OF PIPING ABOVE.
28. INSTALL BALANCING VALVE ON 3/4" HWRC PIPING SET AT 2 GPM FLOW.
29. INSTALL BALANCING VALVE ON 3/4" HWRC PIPING SET AT 1 GPM FLOW.
30. RISE 2-1/2" (SOFT) COLD WATER, 2" HOT WATER, AND 1-1/4" HOT WATER RECIRC. PIPING UP IN WALL CAVITY. SEE SHEET P1-2 FOR CONTINUATION OF PIPING ABOVE.
31. RUN 1" CONDENSATE DRAIN SERVING HEAT PUMPS ON LEVELS 3 AND 4 DOWN EXPOSED ON WALL OF RISER ROOM AND TERMINATE IN FLOOR SINK WITH AIR GAP.

PLAN NOTES:

32. 1" CONDENSATE STACK DOWN IN WALL FROM ABOVE. RUN 1" CONDENSATE LINE THRU EXTERIOR WALL 6" A.F.F AND TERMINATE WITH DOWNTURNED 90° ELBOW. PAINT EXPOSED DRAIN LINE TO MATCH EXTERIOR OF BUILDING.
33. RUN 3/4" CONDENSATE DRAIN FROM HEAT PUMP THRU WALL AS LOW AS POSSIBLE AND TERMINATE WITH 90° DOWNTURNED ELBOW. PAINT EXPOSED DRAIN LINE TO MATCH EXTERIOR OF BUILDING.
34. DROP 1" CONDENSATE DRAIN LINE DOWN EXPOSED ON WALL AND RUN OVER TO LAUNDRY TRENCH DRAIN AND TERMINATE WITH AIRGAP.
35. WET FIRE SPRINKLER STANDPIPE. SEE FIRE SPRINKLER DWGS.
36. 1" CONDENSATE DRAIN LINE DOWN FROM DEHUMIDIFICATION UNIT LOCATED ON LEVEL 3 ABOVE. 1" CONDENSATE DRAIN LINE TO CONNECT TO SKIMMER PROVIDED BY POOL EQ. CONTRACTOR.
37. 2" WASTE STACK UP IN WALL ABOVE TO SERVE MOP SINKS ON LEVELS 2,3,4 ABOVE.
38. PLUMBING CONTRACTOR TO PROVIDE (2) 6" PVC PIPES FOR WATER SLIDE LAUNCH ON LEVEL 4 ABOVE.

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID.
MAIN LEVEL PLUMBING FLOOR PLAN

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
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Engineered Systems Associates
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PHONE: (208) 233-0501
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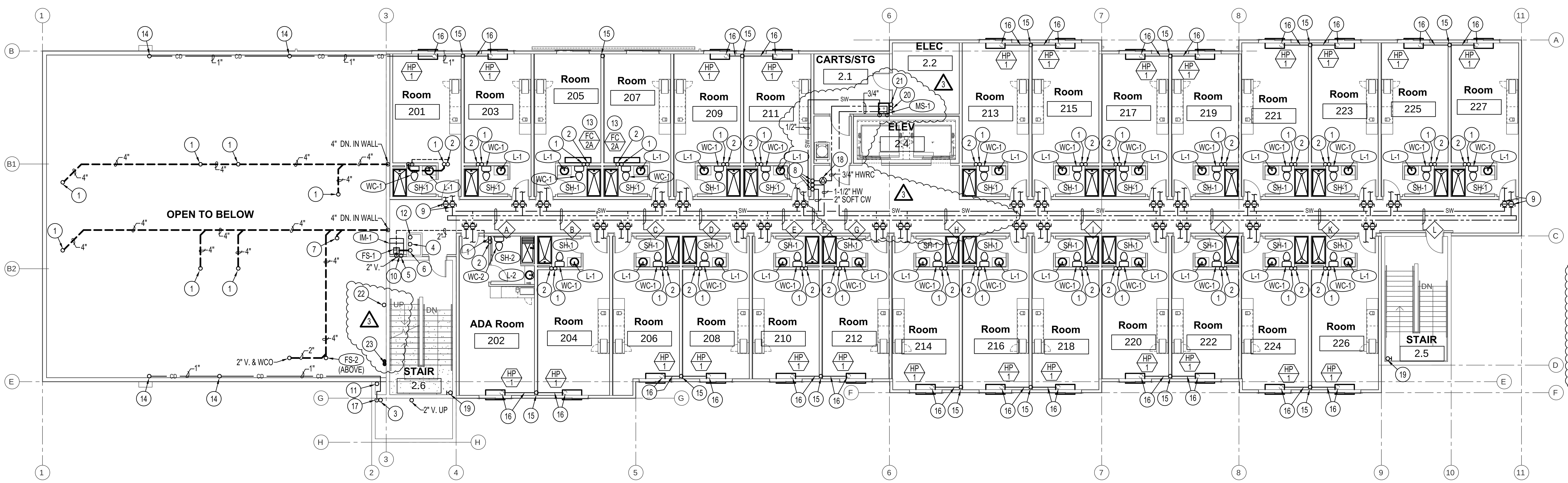
ESA JOB NUMBER: 22017

PROFESSIONAL ENGINEER REGISTERED 18184 May 06, 2022 STATE OF IDAHO DAVID L. HANSEN

DATE: 5/06/2022
SR Drawn DLH Checked

P1-1



2ND LEVEL - PLUMBING FLOOR PLAN

SCALE: 3/32" = 1'-0"

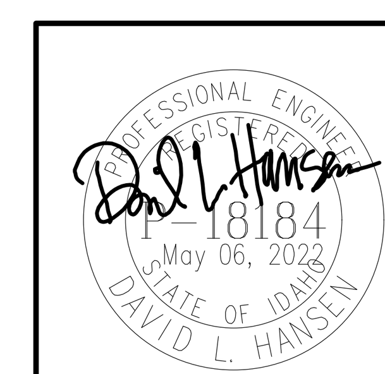
North

PLAN NOTES:

1. 4" WASTE STACK UP IN WALL ABOVE TO SERVE LEVELS ABOVE.
2. 4" VENT STACK UP IN WALL ABOVE TO SERVE LEVELS ABOVE.
3. 2-1/2" DOMESTIC CW MAIN LINE UP EXPOSED ON WALL FROM BELOW TO 3RD LEVEL ABOVE. SEE SHEET P1-3 FOR CONTINUATION OF PIPING.
4. 2-1/2" DOMESTIC CW MAIN LINE DOWN IN CHASE FROM 3RD LEVEL ABOVE. SEE SHEET P1-1 FOR CONTINUATION OF PIPING.
5. 1/2" (HARD) CW LINE FROM ABOVE TO SERVE ICE MAKER ON THIS LEVEL.
6. 2" WASTE LINE DOWN IN CHASE SERVING ICE MAKERS ON LEVELS 4, 3, AND 2. SEE SHEET P1-1 FOR CONTINUATION OF PIPING BELOW.
7. 4" WASTE LINE UP TO SERVE 4" FLOOR DRAIN IN WATER SLIDE LAUNCH ROOM ON LEVEL 4. SEE SHEET P1-3 FOR CONTINUATION OF PIPING ABOVE.
8. DROP 2-1/2" (SOFT) COLD WATER, 2" HOT WATER, AND 1-1/4" HOT WATER RECIRC. PIPING DOWN IN WALL CAVITY. SEE SHEET P1-1 FOR CONTINUATION OF PIPING BELOW.
9. TYPICAL BALL TYPE SHUT-OFF VALVE ABOVE LAY-IN CEILING FOR 3/4" HW AND 3/4" SOFT COLD WATER SERVING EACH GUEST ROOM.
10. INSTALL BACKFLOW PREVENTOR ON 1/2" CW LINE AND RUN 3/8" LINE TO ICE MAKER COMPLETE WITH SHUT-OFF VALVE. SEE DETAIL ON SHEET P3-1 FOR BACKFLOW PREVENTOR INFORMATION.
11. RISE 1-1/4" (2 PSI) GAS LINE UP EXPOSED ON WALL OF RISER ROOM. SEE SHEET P1-3 FOR CONTINUATION OF PIPING ABOVE.
12. 1-1/4" (2 PSI) GAS LINE DOWN IN CHASE FROM LEVEL 3 ABOVE TO SERVE LEVEL 1 GAS APPLIANCES. SEE SHEET P1-1 FOR CONTINUATION OF PIPING BELOW.
13. RUN 3/4" CONDENSATE DRAIN LINE FROM FAN COIL UNIT ON WALL DOWN IN WALL AND CONNECT TO SINK SIDE OF P-TRAP ON LAVATORY USING DISHWASHER CONNECTION.
14. 1" CONDENSATE STACK UP IN WALL ABOVE TO SERVE HEAT PUMPS ON LEVELS 3 AND 4 ABOVE.
15. INSTALL 1" CONDENSATE DRAIN LINE STACK DOWN IN WALL FROM 4TH LEVEL FLOOR TO SERVE ALL LEVELS OF GUEST ROOM HEAT PUMPS. SEE SHEET P1-1 FOR CONTINUATION OF PIPING.
16. RUN 3/4" CONDENSATE DRAIN LINE FROM HEAT PUMP IN GUEST ROOM THRU FLOOR INTO JOIST SPACE BELOW AND CONNECT TO 1" VERTICAL CONDENSATE STACK IN WALL.
17. DROP 1" CONDENSATE DRAIN LINE DOWN EXPOSED ON WALL OF RISER ROOM TO FLOOR SINK AT LEVEL 1. SEE SHEET P1-1 FOR CONTINUATION OF PIPING.
18. INSTALL CIRCUIT SETTER ON 3/4" HWRC PIPING SET AT 3 GPM FLOW
19. WET FIRE SPRINKLER STANDPIPE. SEE FIRE SPRINKLER DWGS.
20. 2" WASTE STACK SERVING MOP SINKS ON LEVELS 2,3,4.
21. 2" VENT STACK SERVING MOP SINKS ON LEVELS 2,3,4.
22. 1" CONDENSATE DRAIN LINE DOWN EXPOSED ON WALL TO SKIMMER IN PUMP ROOM ON LEVEL 1 BELOW. SEE SHEET P1-1 FOR CONT. OF PIPING BELOW.
23. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL (2) 6" PVC PIPES FOR WATER SLIDE LAUNCH ON LEVEL 4 ABOVE. RUN PIPING EXPOSED ON WALL TO LEVEL 3 ABOVE. COORDINATE WITH MECH. DUCTWORK AND GRILLES. (3)

PIPING SIZES THIS SHEET ONLY

MARK	SOFT CW	HOT	HOT	HWRC
A	3/4"	1-1/4"	1-1/4"	--
B	1"	1-1/2"	1-1/4"	--
C	1-1/4"	1-1/2"	1-1/4"	--
D	1-1/4"	1-1/2"	1-1/4"	--
E	1-1/4"	1-1/2"	1-1/4"	--
F	1-1/4"	1-1/2"	1-1/4"	--
G	1-1/2"	3/4"	1-1/4"	--
H	1-1/2"	3/4"	1-1/4"	--
I	1-1/4"	3/4"	1-1/4"	--
J	1-1/4"	1"	1-1/4"	--
K	1-1/4"	1"	1-1/4"	--
L	3/4"	1"	1"	--



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05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID.
2ND LEVEL PLUMBING FLOOR PLAN

Laughlin Ricks Architecture
architecture/planning
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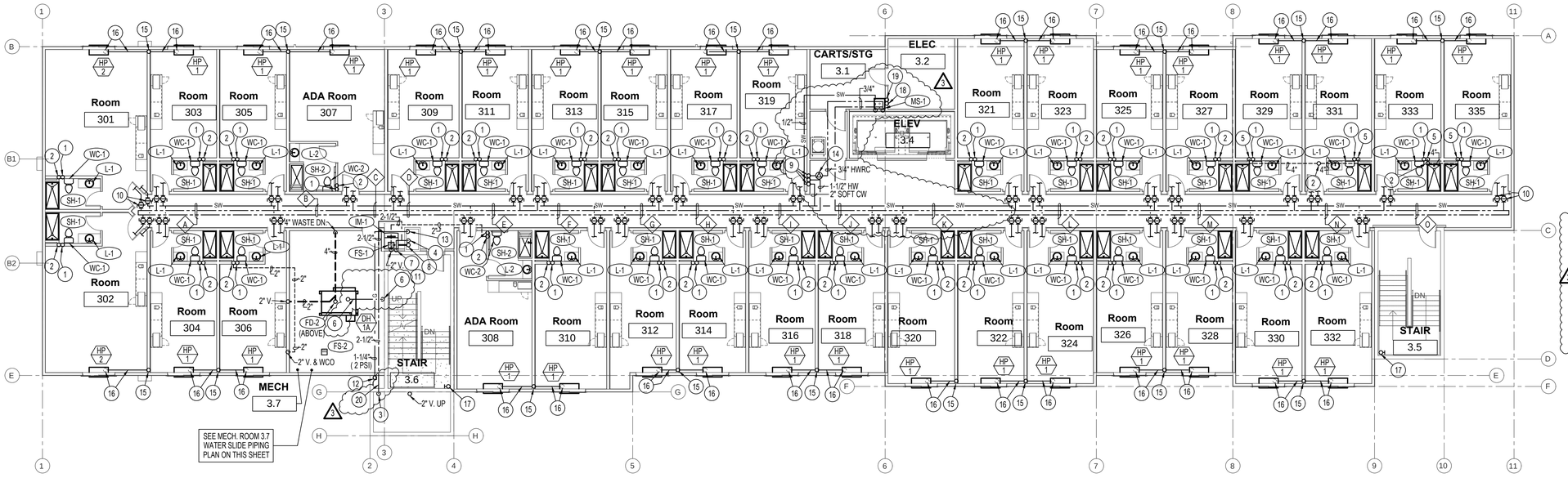
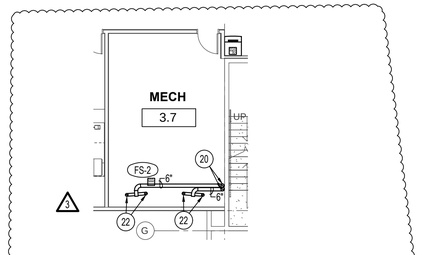
DATE: 5/06/2022
SR Drawn DLH Checked

P1-2



3RD LEVEL - PLUMBING FLOOR PLAN

SCALE: 3/32" = 1'-0"



MECH. ROOM 3.7 WATER SLIDE PIPING

SCALE: 3/32" = 1'-0"

PLAN NOTES:

1. 4" WASTE STACK UP IN WALL ABOVE TO SERVE LEVELS ABOVE.
2. 4" VENT STACK UP IN WALL ABOVE TO SERVE LEVELS ABOVE.
3. 2-1/2" DOMESTIC CW MAIN DOWN EXPOSED ON WALL OF RISER ROOM TO PRV LOCATED ON MAIN LEVEL. SEE SHEET P1-2 FOR CONTINUATION OF PIPING BELOW.
4. DROP 2-1/2" DOMESTIC CW MAIN DOWN IN CHASE TO MAIN LEVEL CEILING BELOW. SEE SHEET P1-2 FOR CONTINUATION OF PIPING BELOW.
5. 4" VENT STACK DOWN IN WALL. SEE SHEET P1-2 FOR CONTINUATION OF PIPING BELOW.
6. INSTALL P-TRAP IN 1" CONDENSATE DRAIN LINE FROM DEHUMIDIFICATION UNIT AND RUN TO PUMP ROOM TO SKIMMER PROVIDED BY POOL EQ. CONTRACTOR.
7. RISE 1/2" (HARD) CW LINE UP IN WALL TO SERVE ICE MAKER ON LEVEL 4 ABOVE. DROP 1/2" (HARD) CW LINE DOWN IN WALL TO SERVE ICE MAKERS ON LEVEL 3 AND LEVEL 2 BELOW.
8. 2" WASTE LINE DOWN IN CHASE SERVING ICE MAKERS ON LEVELS 4, 3, AND 2. SEE SHEET P1-2 FOR CONTINUATION OF PIPING BELOW.
9. DROP 2-1/2" (SOFT) COLD WATER, 2" HOT WATER, AND 1" HOT WATER RECIRC. PIPING DOWN IN WALL CAVITY. SEE SHEET P1-2 FOR CONTINUATION OF PIPING BELOW.
10. TYPICAL BALL TYPE SHUT-OFF VALVE ABOVE LAY-IN CEILING FOR 3/4" HW AND 3/4" SOFT COLD WATER SERVING EACH GUEST ROOM.
11. INSTALL BACKFLOW PREVENTOR ON 1/2" CW LINE AND RUN 3/8" LINE TO ICE MAKER COMPLETE WITH SHUT-OFF VALVE. SEE DETAIL ON SHEET P3-1 FOR BACKFLOW PREVENTOR INFORMATION.
12. 1-1/4" (2 PSI) GAS LINE UP EXPOSED ON WALL FROM BELOW. TEE OFF WITH 1-1/4" (2 PSI) GAS LINE TO CEILING SPACE OF LEVEL 3 AND CONTINUE UP WITH 3/4" (2 PSI) GAS LINE EXPOSED ON WALL OF RISER ROOM TO LEVEL 4 TO SERVE ROOFTOP UNIT RT-1 ABOVE.
13. DROP 1-1/4" (2 PSI) GAS LINE DOWN IN CHASE TO SERVE GAS FIRED APPLIANCES ON LEVEL 1 BELOW. SEE SHEET P1-1 FOR CONTINUATION OF PIPING BELOW.
14. INSTALL CIRCUIT SETTER ON 3/4" HWRC PIPING SET AT 3 GPM FLOW.
15. INSTALL 1" CONDENSATE DRAIN LINE STACK DOWN IN WALL FROM 4TH LEVEL FLOOR TO SERVE ALL LEVELS OF GUEST ROOM HEAT PUMPS. SEE SHEET P1-2 FOR CONTINUATION OF PIPING.
16. RUN 3/4" CONDENSATE DRAIN LINE FROM HEAT PUMP IN GUEST ROOM THRU FLOOR INTO JOIST SPACE BELOW AND CONNECT TO 1" VERTICAL CONDENSATE STACK IN WALL.
17. WET FIRE SPRINKLER STANDPIPE. SEE FIRE SPRINKLER DWGS.
18. 2" WASTE STACK SERVING MOP SINKS ON LEVELS 2,3,4.
19. 2" VENT STACK SERVING MOP SINKS ON LEVELS 2,3,4.
20. PROVIDE 6" PVC SLEEVE FOR DOMESTIC CW LINE TO RUN THRU COLD CHASE. LEAVE SLEEVE OPEN ON BOTH ENDS TO PROVIDE HEAT TO SURROUND PIPE.
21. PLUMBER TO INSTALL (2) 6" PVC PIPES FROM LEVEL 1 PUMP ROOM TO LEVEL 3 CEILING.
22. TEE OFF OF 6" MAIN WITH (2) 4" PVC PIPES RISING UP TO CONNECT TO WATER SLIDE LAUNCH ON LEVEL 4 ABOVE. SEAL PIPING AT CEILING / FLOOR PENETRATION WATER TIGHT.

PIPING SIZES THIS SHEET ONLY

MARK	SOFT CW	HOT	HOT	HWRC
A	1"	1-1/2"	1-1/2"	--
B	1-1/4"	1-1/2"	1-1/2"	--
C	1-1/4"	1-1/2"	1-1/2"	--
D	1-1/4"	1-1/2"	1-1/2"	--
E	1-1/4"	1-1/2"	1-1/2"	--
F	1-1/4"	1-1/2"	1-1/2"	--
G	1-1/2"	1-1/2"	1-1/4"	--
H	1-1/2"	1-1/2"	1-1/4"	--
I	1-1/2"	1-1/2"	1-1/4"	--
J	1-1/2"	3/4"	1-1/4"	--
K	1-1/2"	3/4"	1-1/4"	--
L	1-1/4"	3/4"	1-1/4"	--
M	1-1/4"	1"	1-1/4"	--
N	1"	1"	1-1/4"	--
O	3/4"	1"	1"	--

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
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TWIN FALLS, ID.
3RD LEVEL PLUMBING FLOOR PLAN

Laughlin Ricks Architecture
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18184
May 06, 2022
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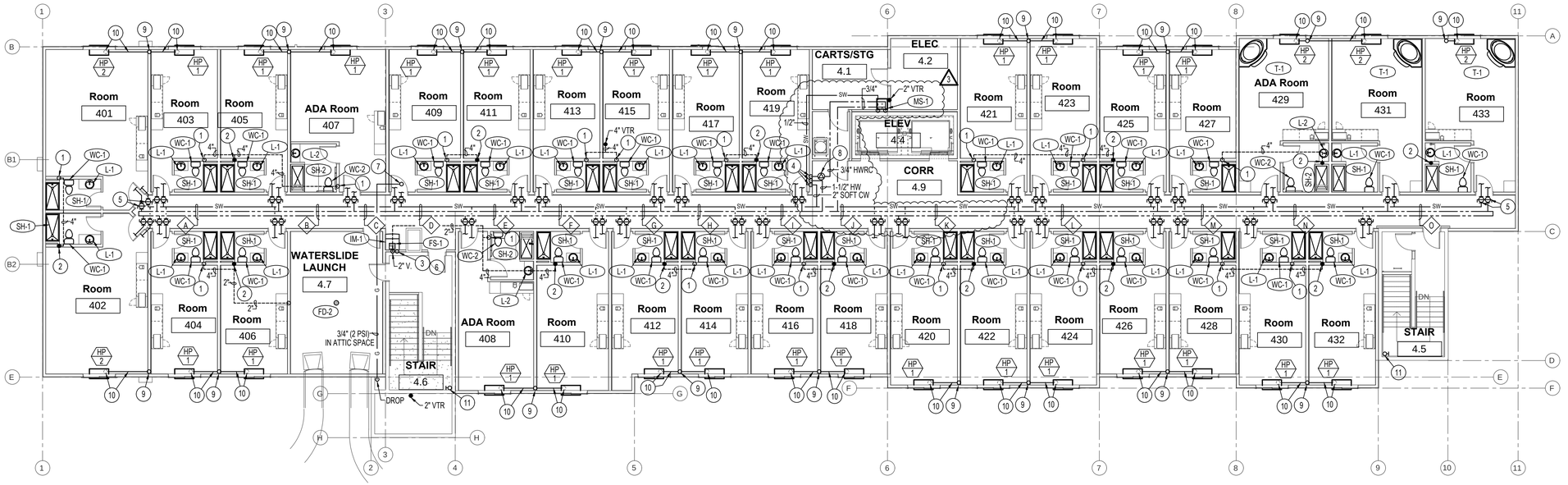
P1-3



4TH LEVEL - PLUMBING FLOOR PLAN

SCALE: 3/32" = 1'-0"

North

NOTE:
SEE LARGE SCALE TYP. GUEST ROOM PLUMBING PLANS ON SHEETS P2-0 FOR PIPING SERVING INDIVIDUAL GUEST ROOM TYPES.

PLAN NOTES:

1. 4" VENT STACK UP IN WALL FROM LEVEL 3 BELOW.
2. 4" VENT STACK UP IN WALL FROM LEVEL 3 BELOW TO 4" VTR. SEE SHEET P1-5 FOR VTR LOCATIONS ON ROOF ABOVE.
3. 1/2" (HARD) COLD WATER UP IN WALL FROM BELOW TO SERVE ICE MAKER ON THIS LEVEL.
4. DROP 2" (SOFT) COLD WATER, 1-1/2" HOT WATER, AND 3/4" HOT WATER RECIRC. PIPING DOWN IN WALL CAVITY. SEE SHEET P1-3 FOR CONTINUATION OF PIPING BELOW.
5. TYPICAL BALL TYPE SHUT-OFF VALVE ABOVE LAY-IN CEILING FOR 3/4" HW AND 3/4" SOFT COLD WATER SERVING EACH GUEST ROOM.
6. INSTALL BACKFLOW PREVENTOR ON 1/2" CW LINE AND RUN 3/8" LINE TO ICE MAKER COMPLETE WITH SHUT-OFF VALVE. SEE DETAIL ON SHEET P3-1 FOR BACKFLOW PREVENTOR INFORMATION.
7. RISE 3/4" (2 PSI) GAS LINE UP THRU ROOF TO SERVE ROOFTOP UNIT RT-1 ABOVE. SEE SHEET P1-5 FOR CONTINUATION OF PIPING.
8. INSTALL CIRCUIT SETTER ON 3/4" HWRC PIPING SET AT 3 GPM FLOW.
9. INSTALL 1" CONDENSATE DRAIN LINE STACK DOWN IN WALL FROM 4TH LEVEL FLOOR TO SERVE ALL LEVELS OF GUEST ROOM HEAT PUMPS. SEE SHEET P1-3 FOR CONTINUATION OF PIPING.
10. RUN 3/4" CONDENSATE DRAIN LINE FROM HEAT PUMP IN GUEST ROOM THRU FLOOR INTO JOIST SPACE BELOW AND CONNECT TO 1" VERTICAL CONDENSATE STACK IN WALL.
11. WET FIRE SPRINKLER STANDPIPE. SEE FIRE SPRINKLER DWGS.

PIPING SIZES THIS SHEET ONLY

MARK	SOFT CW	HOT	HOT	HWRC
A	1"	1-1/2"	1-1/2"	--
B	1-1/4"	1-1/2"	1-1/2"	--
C	1-1/4"	1-1/2"	1-1/2"	--
D	1-1/4"	1-1/2"	1-1/2"	--
E	1-1/4"	1-1/2"	1-1/2"	--
F	1-1/4"	1-1/2"	1-1/2"	--
G	1-1/2"	1-1/2"	1-1/4"	--
H	1-1/2"	1-1/2"	1-1/4"	--
I	1-1/2"	1-1/2"	1-1/4"	--
J	1-1/2"	3/4"	1-1/4"	--
K	1-1/2"	3/4"	1-1/4"	--
L	1-1/4"	3/4"	1-1/4"	--
M	1-1/4"	1"	1-1/4"	--
N	1"	1"	1-1/4"	--
O	3/4"	1"	1"	--

1 05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID.
4TH LEVEL PLUMBING FLOOR PLAN

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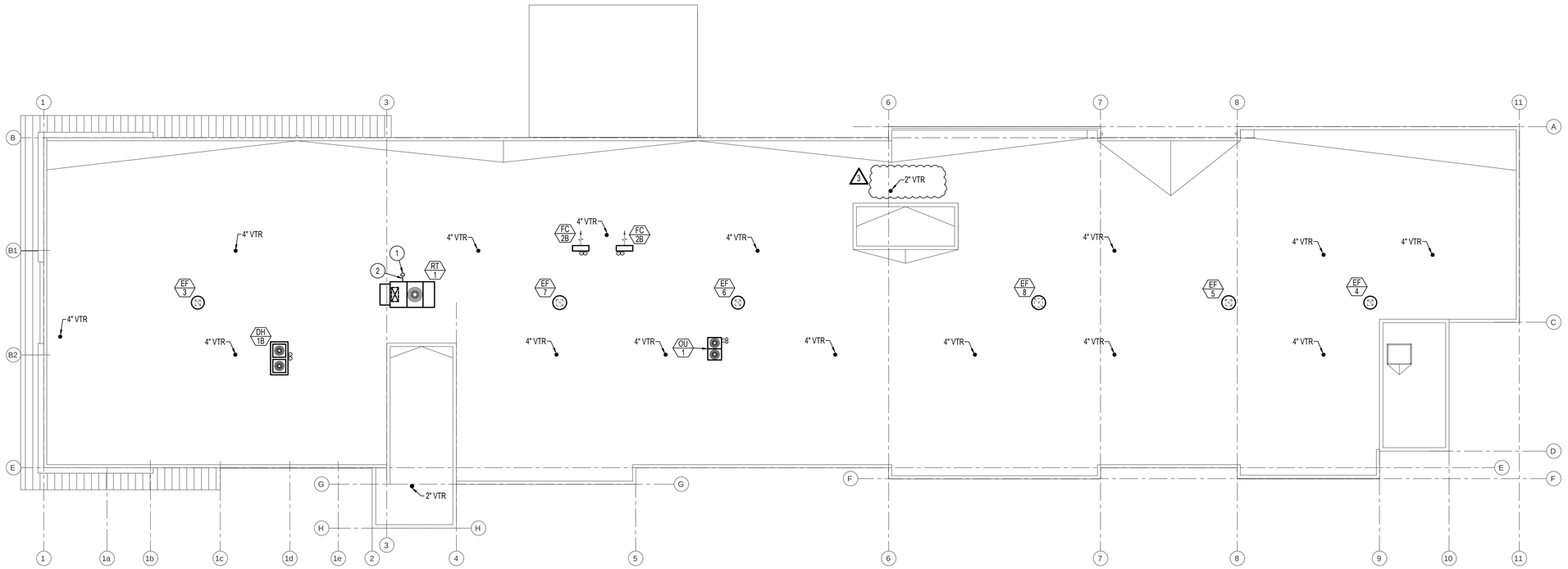
P1-4



ROOF LEVEL - PLUMBING FLOOR PLAN

SCALE: 3/32" = 1'-0"

North

PLAN NOTES:

1. DROP 3/4" (2 PSI) GAS LINE DOWN THRU ROOF TO ATTIC SPACE. SEE SHEET P1-4 FOR CONTINUATION OF GAS PIPING. SEAL ROOF PENETRATION WEATHERTIGHT.
2. INSTALL 2 PSI TO OZ. GAS REGULATOR ON 3/4" GAS LINE SERVING ROOFTOP UNIT SIZED FOR ACTUAL BTU LOAD OF UNIT SUPPLIED. CONNECT 3/4" (OZ.) GAS LINE TO ROOFTOP UNIT COMPLETE WITH SHUT-OFF VALVE, DIRT LEG AND FLEXIBLE CONNECTION. SEE DETAIL ON SHEET P3-0.

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:

HOTEL

TWIN FALLS, ID.

ROOF LEVEL PLUMBING FLOOR PLAN

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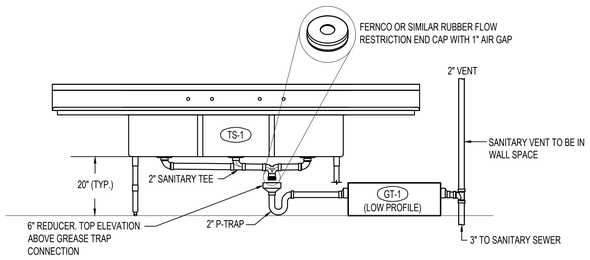
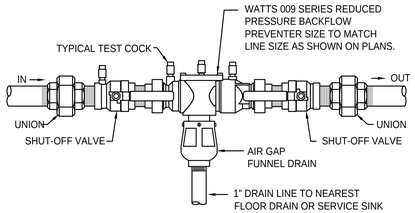
P1-5



INDIRECT GREASE TRAP DETAIL

NO SCALE



ICE MAKER CW SUPPLY LINE BACKFLOW PREVENTER DETAIL

NO SCALE

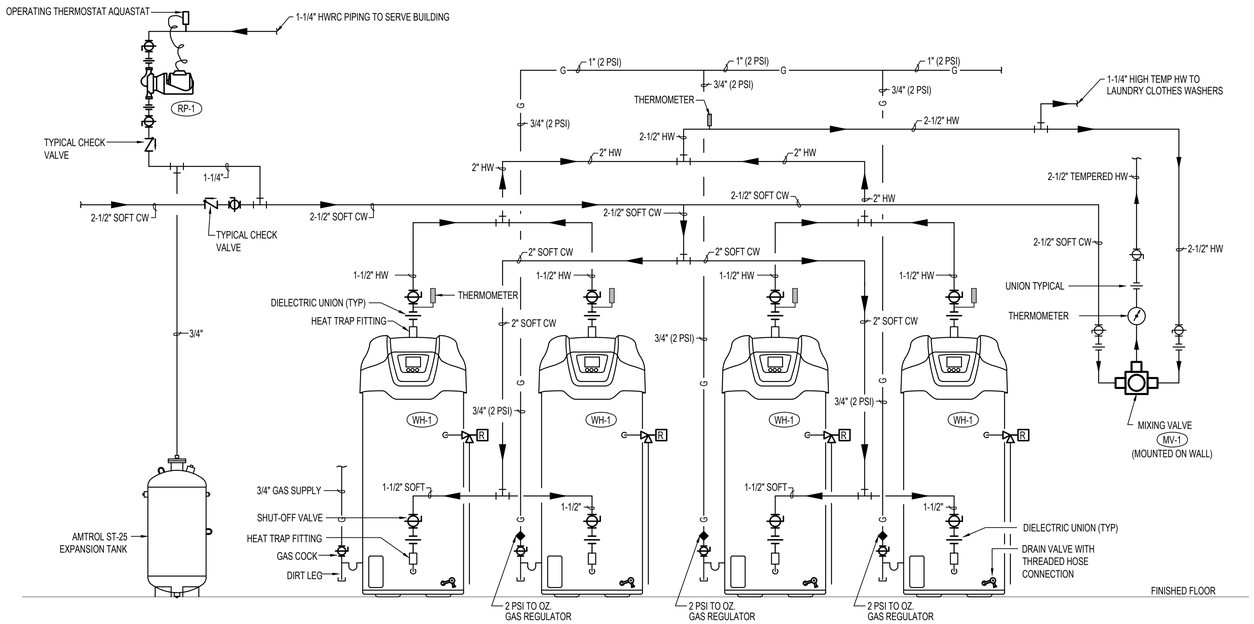
FIXTURE SCHEDULE

SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT
DW-1	GLASS WARE DISHWASHER K.E.C #5 - UNDERCOUNTER DISHWASHER TO BE FURNISHED BY K.E.C & INSTALLED BY PLUMBER. INSTALL 1/2" HW LINE COMPLETE WITH 1/2" BALL TYPE SHUT-OFF VALVE & S.S. BRAIDED FLEXIBLE CONNECTION. INSTALL 1" DRAIN FROM DISHWASHER TO FLOOR SINK WITH AIRGAP.	1/2"	---	1" TO FS-1	---
FD-1	2" FLOOR DRAIN WITH PRIMER - ZURN Z-415B WITH 5"Ø NICKEL-BRONZE STRAINER AND 2" DEEP SEAL P-TRAP WITH ZURN 1022 TRAP PRIMER.	---	1/2"	2"	2"
FD-2	4" FLOOR DRAIN- ZURN Z-415B WITH 8"Ø NICKEL-BRONZE STRAINER AND 4" DEEP SEAL P-TRAP	---	---	4"	2"
FS-1	FLOOR SINK - ZURN Z-1900-KC WITH WHITE ENAMEL FINISH, DOME STRAINER AND 2" DEEP SEAL P-TRAP. PROVIDE 3/4 GRATE OVER SINK.	---	---	2"	2"
FS-2	FLOOR SINK - ZURN Z-1900-KC WITH WHITE ENAMEL FINISH, DOME STRAINER AND 4" DEEP SEAL P-TRAP. PROVIDE HALF GRATE OVER SINK.	---	---	4"	2"
GT-1	LOW PROFILE GREASE TRAP - IPEX ENDURA (SIZE 25) 50#, 25 GPM FLOW GREASE TRAP. PROVIDE TRAP WITH FLOW CONTROL FITTING. INTERCEPTOR LID TO BE ACCESSIBLE FOR GREASE REMOVAL.	---	---	3"	2"
HW-1	HAND WASH SINK K.E.C. #7 - TO BE FURNISHED BY K.E.C AND INSTALLED BY PLUMBING CONTRACTOR. SINK TO BE COMPLETE WITH 1-1/2" P-TRAP, S.S. BRAIDED SUPPLIES & BALL STOPS.	1/2"	1/2"	1-1/2"	1-1/2"
IM-1	ICE MAKER - MANITOWOC IT0450 ICE CUBE MAKER. INSTALL 1/2" CW LINE COMPLETE WITH BACKFLOW PREVENTOR AND 1/2" BALL TYPE SHUT-OFF VALVE & S.S. BRAIDED FLEXIBLE CONNECTION. RUN 3/4" DRAIN TO FLOOR SINK WITH AIRGAP.	---	1/2"	3/4" TO FS-1	---
JS-1	FLOOR MOUNTED SERVICE SINK - MUSTEE MODEL 65M (26"x24"x10") MOP SINK WITH 63.600A FAUCET AND 2" DEEP SEAL P-TRAP AND STRAINER	1/2"	1/2"	2"	2"
L-1 (A)	COUNTERTOP LAVATORY - KOHLER MODEL K-2905-4 SELF-RIMMING "FARMINGTON" WITH MOEN L4601 LEVER FAUCET, K-7715 OPEN GRID STRAINER, 1/2" BALL STOPS AND 1-1/4" P-TRAP.	1/2"	1/2"	1-1/2"	1-1/2"
L-2 (A)	ADA COUNTERTOP LAVATORY - KOHLER MODEL K-2905-4 SELF-RIMMING "FARMINGTON" WITH MOEN L4601 LEVER FAUCET, K-7715 OPEN GRID STRAINER, 1/2" BALL STOPS AND 1-1/4" P-TRAP. PROVIDE INSULATING JACKET ON HW PIPING AND P-TRAP.	1/2"	1/2"	1-1/2"	1-1/2"
L-3	ADA WALL MOUNTED LAVATORY - KOHLER 2023 "GREENWICH" (SIZE 20"x18") WITH K-7715 OPEN GRID STRAINER, MOEN L4601 FAUCET. 1/2" STOPS AND 1-1/2" P-TRAP. PROVIDE CONCEALED ARM CARRIER SYSTEM AND INSULATING JACKET ON HW AND DRAIN PIPE.	1/2"	1/2"	1-1/2"	1-1/2"
MS-1	FLOOR MOUNTED MOP SINK - MUSTEE MODEL 63M (24"x24"x10") MOP SINK WITH 63.401 BUMPER GUARDS, 63.600A FAUCET AND 65.700 HOSE AND 2" DEEP SEAL P-TRAP AND STRAINER	1/2"	1/2"	2"	2"
MV-1	MIXING VALVE ASSEMBLY - WATTS LFN170 HOT WATER MASTER MIXING VALVE IN 2" SIZE. REDUCE PIPING FROM 2-1/2" TO 2" AT VALVE. SEE WATER HEATER PIPING DETAIL ON THIS SHEET	2"	2"	---	---

(A) PLUMBING CONTRACTOR TO INSTALL P-TRAP FOR ALL GUEST ROOM LAVATORIES IN WALL IN ACCESS PANEL. P-TRAP TO BE INSTALLED PARALLEL WITH WALL TO BE FULLY CONCEALED.

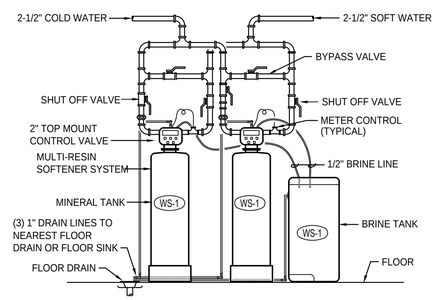
FIXTURE SCHEDULE

SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT
PD-1	POOL AREA SLOT DRAIN- TO BE FURNISHED AND INSTALLED BY POOL CONRTACTOR . PLUMBING CONTRACTOR TO CONNECT 3" WASTE LINE COMPLETE WITH P-TRAP AND 2" VENT LINE TO SANITARY SYSTEM.	---	---	3"	2"
PS-1	SINGLE COMPARTMENT PREP-SINK K.E.C. #10 - TO BE FURNISHED BY K.E.C AND INSTALLED BY PLUMBING CONTRACTOR. SINK TO BE COMPLETE WITH 2" P-TRAP, S.S. BRAIDED SUPPLIES & BALL STOPS.	1/2"	1/2"	2"	2"
RP-1	RECIRC PUMP - B&G SERIES PR WITH 1-1/4" FLANGES AND 115 VOLT MOTOR 2.1 FLA AT 1725 RPM. 12 GPM FLOW AT 10' HEAD.	1-1/4" HWRC	---	---	---
SH-1	GUEST ROOM SHOWER - AQUATIC MODEL 160304PST 60" x 30" SHOWER, ZURN MODEL 415-B 2" SHOWER DRAIN AND STRAINER, KOHLER K-T99761-4-CP HONESTY RITE TEMP SHOWER VALVE AND TRIM PLATE, MOEN MODEL 3638EP SHOWER HEAD WITH ARM AND FLANGE. COLOR OF SHOWER AND TRIM TO BE SELECTED BY THE ARCHITECT.	1/2"	1/2"	2"	2"
SH-2	ADA GUEST ROOM ROLL-IN SHOWER - AQUATIC MODEL 16030BFSBTTR 60" x 30" ADA SHOWER WITH ZURN Z-415B SHOWER DRAIN & 2" P-TRAP, KOHLER MODEL K-99898-CP AWAKEN G110 HAND SHOWER WITH 36" SLIDEBAR AND 60" S.S. HOSE. COLOR OF SHOWER AND TRIM TO BE SELECTED BY THE ARCHITECT.	1/2"	1/2"	2"	2"
SP-1	SUMP PUMP - LIBERTY MODEL 240 SUMP PUMP WITH 1/4 H.P. MOTOR AT 120/60/1 PUMP TO BE SUPPLIED TO OWNER FOR PORTABLE USE IN CASE OF EMERGENCY FLOOD IN ELEVATOR PIT.	---	---	1-1/4"	---
T-1	CORNER WHIRL POOL TUB - AQUATIC CAVALCADE 60" X 60" X 22" CORNER TUB WITH INTEGRAL DRAIN, PNEUMATIC CONTROLS AND FAUCET WITH FILL SPOUT.	1/2"	1/2"	2"	2"
TS-1	TRIPLE COMPARTMENT SINK - K.E.C. #4 SINK WITH FAUCET. PLUMBING CONTRACTOR TO INSTALL SINK AND PROVIDE 2" WASTE LINE FROM EACH COMPARTMENT TO 3" CONNECTION ON GREASE TRAP BELOW ON FLOOR. (SEE DETAIL ON THIS SHEET). 1/2" BALL STOPS FOR HW & CW AND BRAIDED S.S. SUPPLIES.	1/2"	1/2"	3" TO GT-1	---
TD-1	LAUNDRY TRENCH DRAIN - HM COMPANY MODEL 120 POLY TRENCH DRAIN (84" LONG x 12" WIDE x 12" DEEP) WITH LINT INTERCEPTOR AND 4" OUTLET AND 4" P-TRAP.	---	---	4"	2"
WB-1	WASHING MACHINE HOOK-UP - GUY GRAY MODEL BB200TS COMBINATION BOX COMPLETE WITH 2" WASTE LINE AND P-TRAP, 1/2" HOT & COLD WATER LINES FROM TOP	1/2"	1/2"	2"	2"
WC-1	TANK TYPE WATER CLOSET - KOHLER K-3505 "WELLWORTH" W/ ELONGATED BOWL, K-4550 WHITE OPEN FRONT SEAT, BOLT CAPS AND 1/2" STOP VALVE.	---	1/2"	4"	2"
WC-2	ADA TANK TYPE WATER CLOSET - KOHLER K-3493 "HIGHLINE" W/ ELONGATED BOWL, K-4670-C WHITE OPEN FRONT SEAT, BOLT CAPS AND 1/2" STOP VALVE. RIGHT OR LEFT HAND FLUSH LEVER SO LEVER IS ON OPEN SIDE OF ACCESSIBLE STALLS.	---	1/2"	4"	2"
WH-1	GAS FIRED WATER HEATER - A.O. SMITH MODEL BTH-250 WITH 100 GALLON TANK, 250,000 BTU INPUT, 1-1/2" WATER CONNECTIONS AND HEAT TRAP NIPPLES, 3/4" T&P RELIEF VALVE. 120/60/1 POWER REQUIRED	1-1/2"	1-1/2"	---	
WS-1	WATER SOFTENER - WATER TECH MODEL RS1805-29S204 DUPLEX WATER SOFTENER WITH (2) RESIN TANKS & (1) BRINE TANK. 125 GPM PEAK FLOW AT 17 GRAINS HARDNESS. 120/60/1 POWER REQUIREMENT AT 0.32 FLA.	---	2-1/2"	---	---



WATER HEATER PIPING DIAGRAM

NO SCALE



WATER SOFTENER PIPING DIAGRAM

NO SCALE

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID.
PLUMBING DETAILS & SCHEDULES

Laughlin Ricks Architecture
architecture/planning
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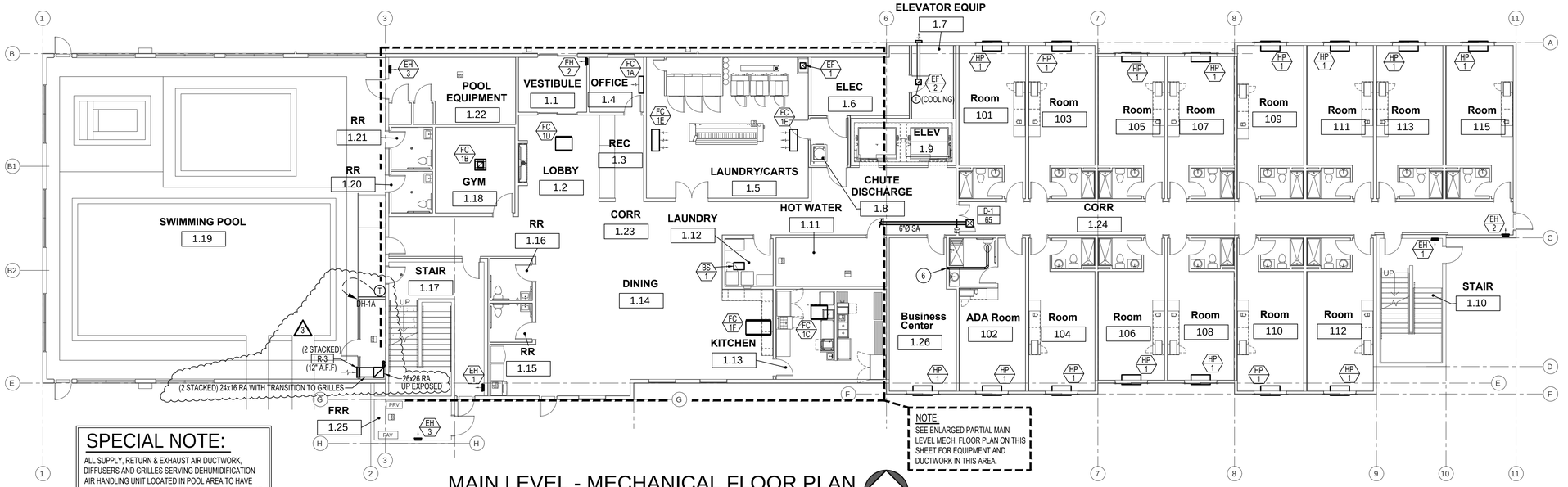
P3-1



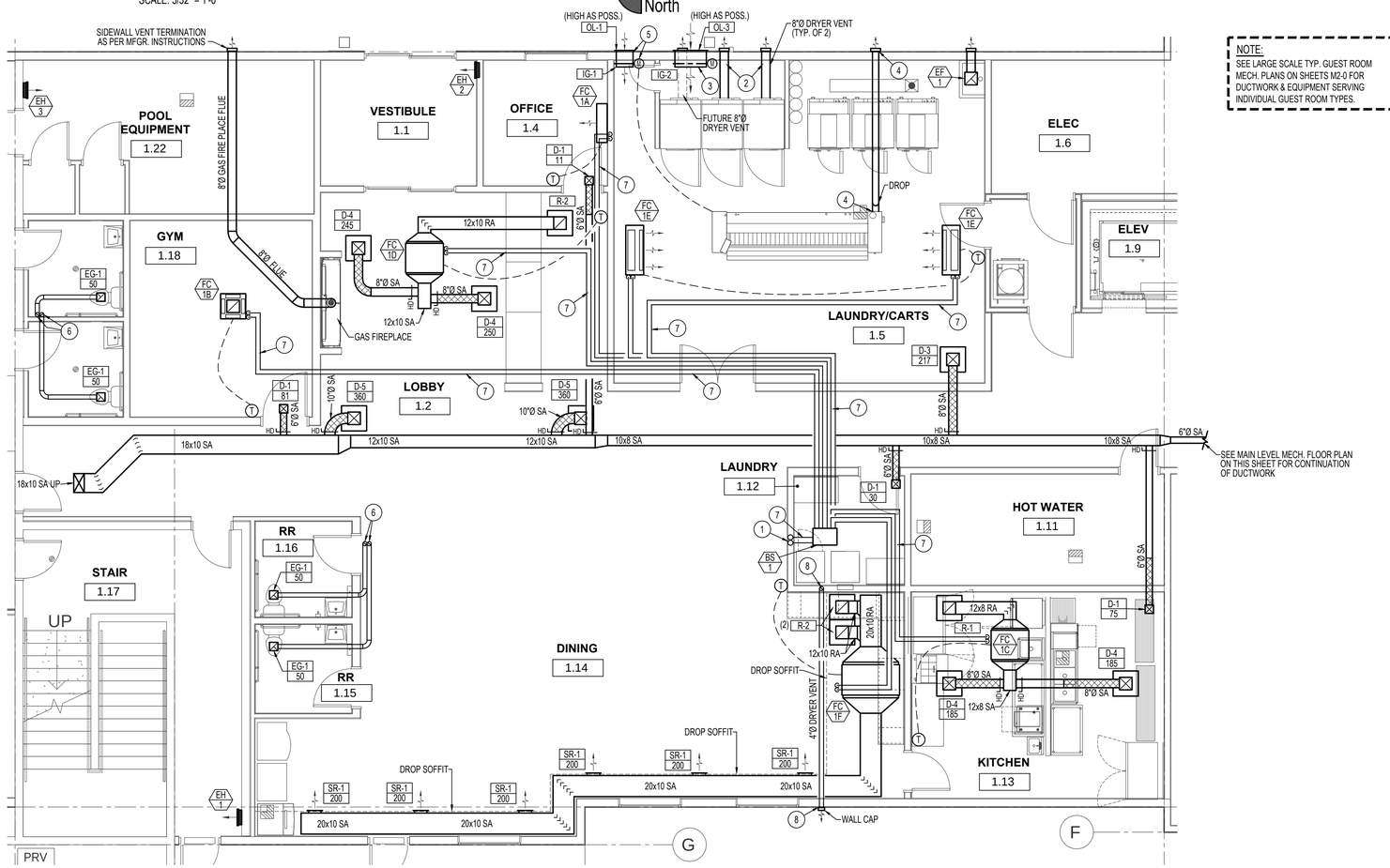
MAIN LEVEL - MECHANICAL FLOOR PLAN

SCALE: 3/32" = 1'-0"

North

SPECIAL NOTE:

ALL SUPPLY, RETURN & EXHAUST AIR DUCTWORK, DIFFUSERS AND GRILLES SERVING DEHUMIDIFICATION AIR HANDLING UNIT LOCATED IN POOL AREA TO HAVE UN-LINED ALUMINUM DUCTWORK ONLY. NO STEEL DUCT WITH ACOUSTICAL LINER ALLOWED.



ENLARGED PARTIAL MAIN LEVEL - MECHANICAL FLOOR PLAN

SCALE: 3/16" = 1'-0"

North

NOTE:
SEE LARGE SCALE TYP. GUEST ROOM MECH. PLANS ON SHEETS M2-0 FOR DUCTWORK & EQUIPMENT SERVING INDIVIDUAL GUEST ROOM TYPES.

PLAN NOTES:

1. RISE (1) SET OF REFR. PIPES UP IN WALL TO ROOFTOP OUTDOOR UNIT OU-1. SEE SHEET M1-2 FOR CONTINUATION OF PIPING ABOVE.
2. CONNECT 8"Ø DRYER VENT TO CLOTHES DRYER AND RUN TO WALL CAP AS PER MFGR. INSTRUCTIONS. INSTALL WALL CAP AT A MINIMUM OF 18" A.F.F.
3. INSTALL OUTDOOR AIR LOUVER WITH MOTORIZED DAMPER ASSEMBLY AS HIGH AS POSSIBLE ON WALL IN LOCATION SHOWN. INTERLOCK MOTORIZED DAMPER WITH CLOTHES DRYERS.
4. INSTALL EXHAUST FLUE FROM GAS FIRED IRON UP TO CEILING SPACE AND OUT TO EXTERIOR WALL. INSTALL HORIZONTAL VENT TERMINATION ON FLUE AS PER MFGR. INSTRUCTIONS. SIZE OF FLUE AS PER MFGR. INSTRUCTIONS.
5. INSTALL OUTDOOR AIR LOUVER WITH MOTORIZED DAMPER ASSEMBLY AS HIGH AS POSSIBLE ON WALL IN LOCATION SHOWN. INTERLOCK MOTORIZED DAMPER WITH GAS FIRED IRON.
6. RISE 4"Ø EXHAUST DUCT UP IN WALL / CHASE ABOVE TO ROOFTOP EXHAUST FAN.
7. REFER TO VRF REFRIGERANT PIPING DIAGRAM ON SHEET M1-5 FOR PIPE SIZES SERVING INDIVIDUAL UNITS.
8. INSTALL DRYER WALL BOX IN WALL AS PER DETAIL ON SHEET M3-0. RUN 4"Ø DRYER VENT UP INTO CEILING SPACE AND OUT TO EXTERIOR WALL CAP.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
T	ELECTRONIC THERMOSTAT
FC 1	EQUIPMENT SYMBOL
	ELECTRIC WALL HEATER
	RECTANGULAR SUPPLY AND RETURN AIR DUCT TAKE-OFF
	TURNING VANES
	DUCT TRANSITION
	INSULATED FLEXIBLE DUCT
	CEILING SUPPLY DIFFUSER
	CEILING RETURN AIR GRILLE
	CEILING MOUNTED EXHAUST FAN / EXHAUST GRILLE
	FAN COIL UNIT
	AIR COOLED CONDENSING UNIT

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PROFESSIONAL ENGINEER REGISTERED P-18184 May 06, 2022 STATE OF IDAHO DAVID L. HANSEN

05.06.22

DATE	REV 3
6-16-22	

A NEW HOTEL
HOTEL
TWIN FALLS, ID.
MAIN LEVEL MECHANICAL FLOOR PLAN

Laughlin Ricks Architecture
architecture/planning
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DATE: 5/06/2022
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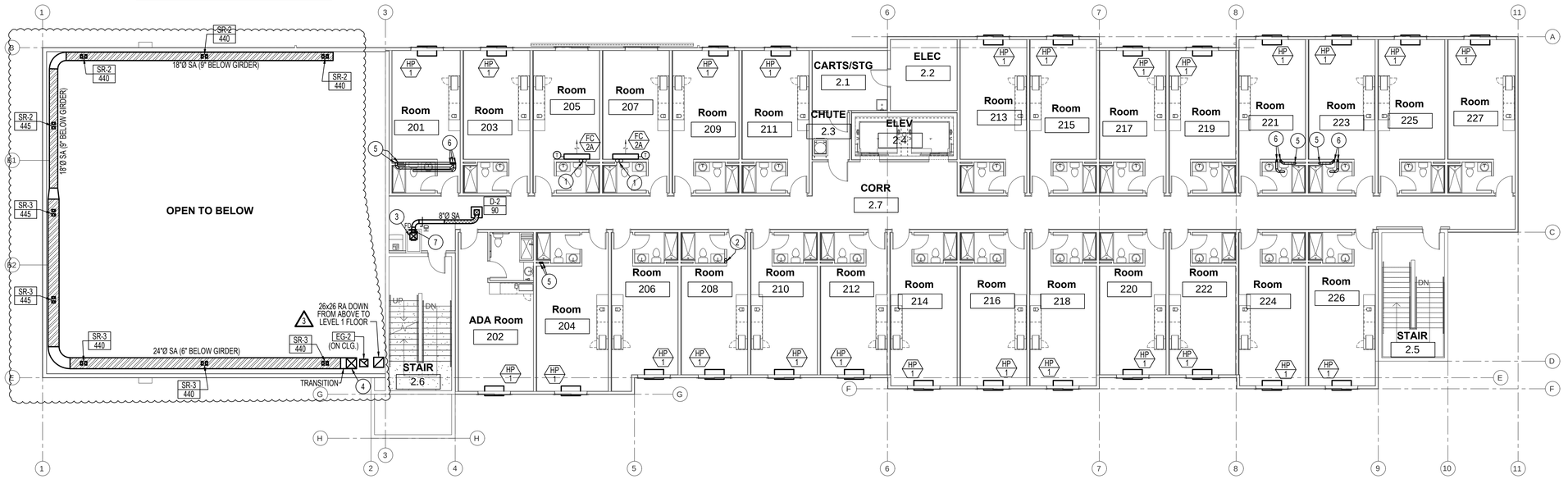
M1-1

SPECIAL NOTE:

ALL SUPPLY, RETURN & EXHAUST AIR DUCTWORK, DIFFUSERS AND GRILLES SERVING DEHUMIDIFICATION AIR HANDLING UNIT LOCATED IN POOL AREA TO HAVE UN-LINED ALUMINUM DUCTWORK ONLY. NO STEEL DUCT WITH ACOUSTICAL LINER ALLOWED.



2ND LEVEL - MECHANICAL FLOOR PLAN

SCALE: 3/32" = 1'-0"

North

NOTE:
SEE LARGE SCALE TYP. GUEST ROOM MECH. PLANS ON SHEETS M2-0 FOR DUCTWORK & EQUIPMENT SERVING INDIVIDUAL GUEST ROOM TYPES.

PLAN NOTES:

1. REFRIGERANT PIPING UP IN WALL TO ROOFTOP FAN COIL UNIT FC-2B FROM FAN COIL UNIT FC-2A.
2. REFRIGERANT PIPING UP IN WALL FROM LEVEL 1 TO OUTDOOR UNIT OU-1 LOCATED ON ROOF ABOVE. SEE SHEET M1-3 FOR CONTINUATION OF PIPING ABOVE.
3. 16x14 SUPPLY DOWN IN CHASE FROM ABOVE. TRANSITION DUCT AT FLOOR LEVEL TO 18x10 SUPPLY AND CONTINUE DOWN TO LEVEL 1 CEILING SPACE. SEE SHEET M1-1 FOR CONTINUATION OF DUCTWORK.
4. RISE 22x22 SUPPLY AIR DUCT UP THRU CEILING AND FLOOR ASSEMBLY TO MECHANICAL ROOM 3.7 ABOVE. SEE SHEET M1-3 FOR CONTINUATION OF DUCT INSIDE MECH. ROOM 3.7.
5. 4"Ø EXHAUST DUCT UP FROM LEVEL 1 BELOW. SEE SHEET M1-1 FOR CONTINUATION OF DUCTWORK BELOW.
6. OFFSET 4"Ø EXHAUST DUCT(S) AS SHOWN IN CEILING OF THIS LEVEL AND RISE UP IN WALL / CHASE ABOVE TO ROOF TOP EXHAUST FAN.
7. INSTALL FIRE DAMPER IN 8"Ø DUCT AT CHASE PENETRATION. WITH 6x6 ACCESS PANEL LOCATED ABOVE LAY-IN CEILING.

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID.
2ND LEVEL MECHANICAL FLOOR PLAN

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PROFESSIONAL ENGINEER
DAVID L. HANSEN
18184
May 06, 2022
STATE OF IDAHO

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ESA JOB NUMBER: 22017

DATE: 5/06/2022
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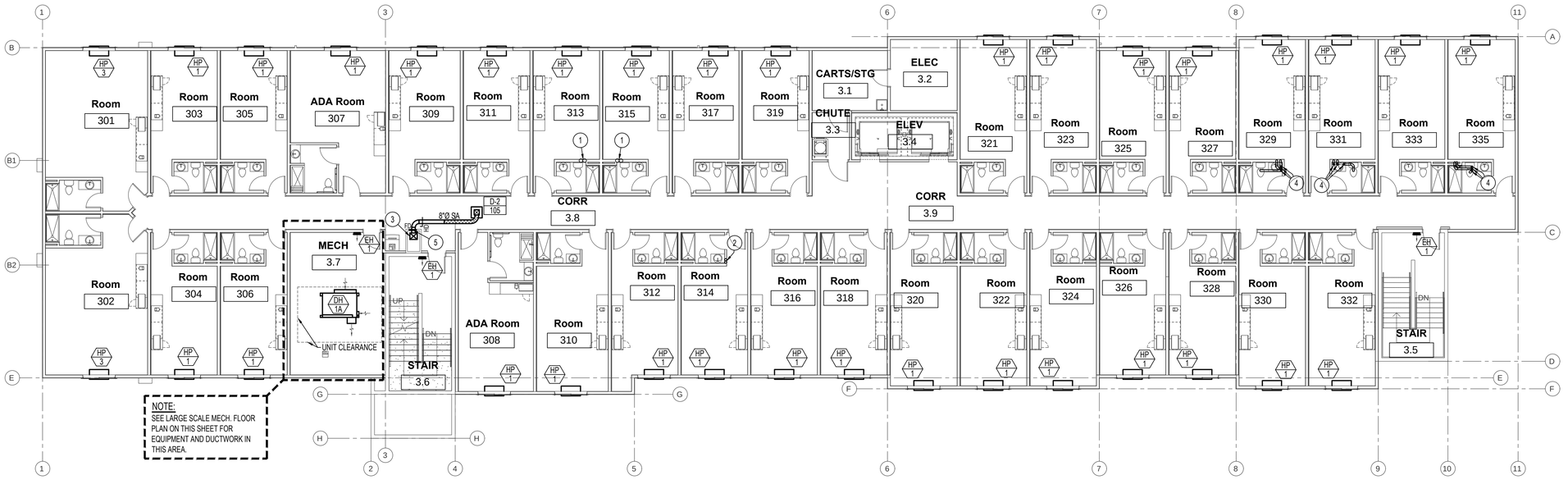
M1-2



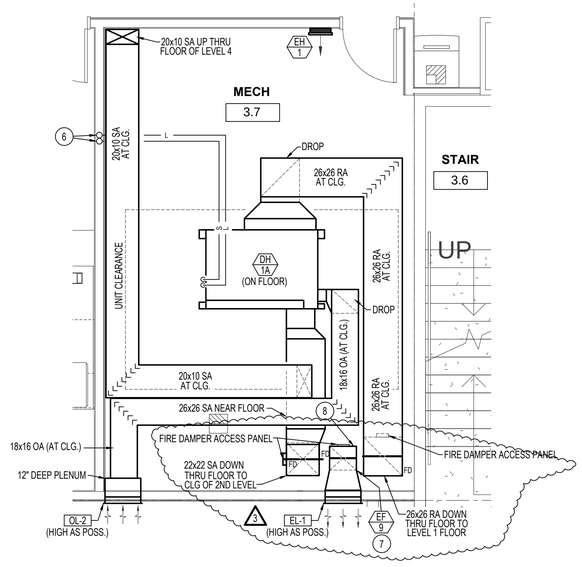
NOTE:
SEE LARGE SCALE MECH. FLOOR PLAN ON THIS SHEET FOR EQUIPMENT AND DUCTWORK IN THIS AREA.

3RD LEVEL - MECHANICAL FLOOR PLAN

SCALE: 3/32" = 1'-0"

North

NOTE:
SEE LARGE SCALE TYP. GUEST ROOM MECH. PLANS ON SHEETS M2.0 FOR DUCTWORK & EQUIPMENT SERVING INDIVIDUAL GUEST ROOM TYPES.



LARGE SCALE MECH. ROOM 3.7 MECHANICAL FLOOR PLAN

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

North

PLAN NOTES:

1. REFRIGERANT PIPING DOWN IN WALL FROM ROOFTOP FAN COIL UNIT FC-2B DOWN TO LEVEL 2 FAN COIL UNIT FC-2A.
2. REFRIGERANT PIPING UP IN WALL TO OUTDOOR UNIT OU-1 LOCATED ON ROOF ABOVE. SEE SHEET M1-4 FOR CONTINUATION OF PIPING ABOVE.
3. 16x14 SUPPLY AIR DUCT DOWN IN CHASE FROM ABOVE. CONTINUE WITH 16x14 SUPPLY DUCT DOWN TO LEVEL 2. SEE SHEET M1-2 FOR CONTINUATION OF DUCTWORK.
4. OFFSET 4"Ø EXHAUST DUCT(S) AS SHOWN IN CEILING OF THIS LEVEL AND RISE UP IN WALL / CHASE ABOVE TO ROOF TOP EXHAUST FAN.
5. INSTALL FIRE DAMPER IN 8"Ø DUCT AT CHASE PENETRATION. WITH 6x6 ACCESS PANEL LOCATED ABOVE LAY-IN CEILING.
6. RISE REFRIGERANT PIPING UP IN WALL TO DH-1B REMOTE CONDENSOR LOCATED ON ROOF ABOVE. SEE SHEET M1-4 FOR CONTINUATION OF PIPING.
7. INSTALL IN-LINE EXHAUST FAN EF-9 IN VERTICAL PORTION OF 18x16 EXHAUST DUCT AT 4'-0" A.F.F. TRANSITION AS REQUIRED TO FAN WITH DUCTWORK. INTERLOCK EXHAUST FAN WITH DEHUMIDIFICATION UNIT DH-1A OPERATION.
8. PENETRATE FLOOR WITH 18x16 EXHAUST DUCT AND RUN DOWN TO CEILING EXHAUST GRILLE EG-2 BELOW.

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID.
3RD LEVEL MECHANICAL FLOOR PLAN

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PROFESSIONAL ENGINEER
P-18184
May 06, 2022
STATE OF IDAHO
DAVID L. HANSEN

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ESA JOB NUMBER: 22017

DATE: 5/06/2022
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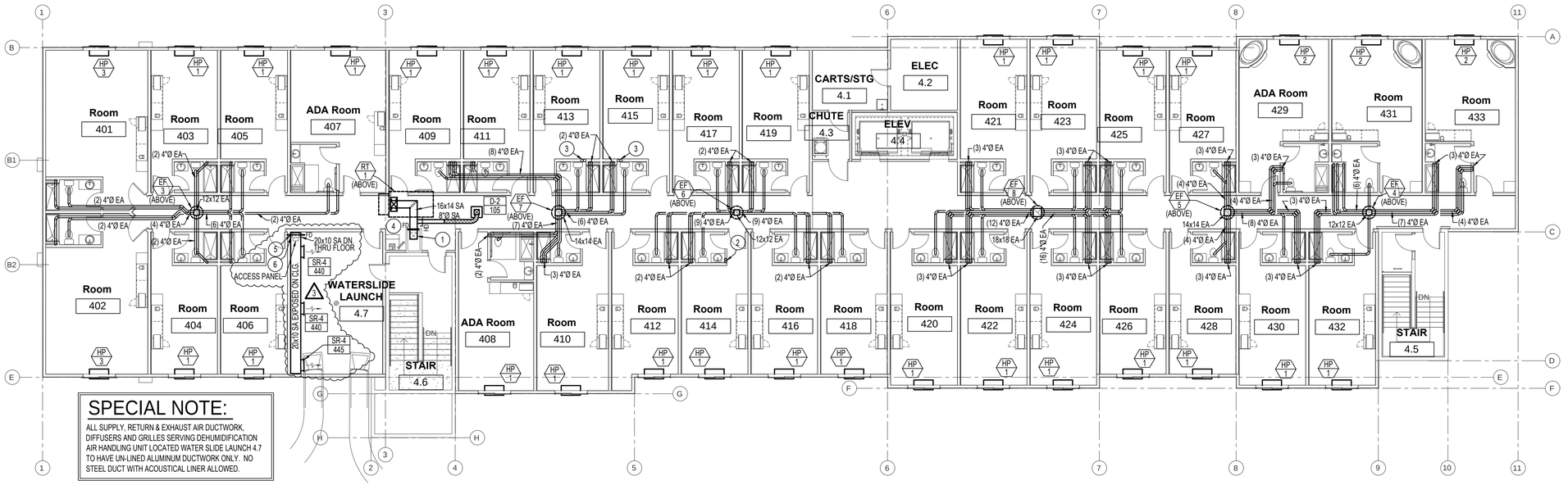
DLH Checked

M1-3



SPECIAL NOTE:

ALL SUPPLY, RETURN & EXHAUST AIR DUCTWORK, DIFFUSERS AND GRILLES SERVING DEHUMIDIFICATION AIR HANDLING UNIT LOCATED WATER SLIDE LAUNCH 4.7 TO HAVE UN-LINED ALUMINUM DUCTWORK ONLY. NO STEEL DUCT WITH ACOUSTICAL LINER ALLOWED.

4TH LEVEL - MECHANICAL FLOOR PLAN

SCALE: 3/32" = 1'-0"

NORTH

NOTE:
SEE LARGE SCALE TYP. GUEST ROOM MECH. PLANS ON SHEETS M2-0 FOR DUCTWORK & EQUIPMENT SERVING INDIVIDUAL GUEST ROOM TYPES.

PLAN NOTES:

1. DROP 16x14 SUPPLY AIR DUCT DOWN IN CHASE TO SERVE LEVELS BELOW. SEE SHEET M1-3 FOR CONTINUATION OF DUCTWORK.
2. REFRIGERANT PIPING UP IN WALL TO OUTDOOR UNIT OU-1 LOCATED ON ROOF ABOVE. SEE SHEET M1-5 FOR CONTINUATION OF PIPING ABOVE AND LOCATION OF OUTDOOR UNIT OU-1.
3. REFRIGERANT PIPING DOWN IN WALL FROM ROOFTOP FAN COIL UNIT FC-2B DOWN TO LEVEL 2 FAN COIL UNIT FC-2A.
4. INSTALL FIRE DAMPER IN 16x14 DUCT AT CHASE PENETRATION. WITH 12x12 ACCESS PANEL LOCATED ABOVE LAY-IN CEILING.
5. INSTALL FIRE DAMPER IN 20x10 SA DUCT AT FLOOR PENETRATION . INSTALL 12x12 ACCESS PANEL AT 12" A.F.F. ON SOUTH SIDE OF CHASE.
6. SEAL ALL AROUND DUCTWORK AT FLOOR PENETRATION WATER TIGHT.

△3

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, IDAHO
4TH LEVEL MECHANICAL FLOOR PLAN

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PROFESSIONAL ENGINEER
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May 06, 2022

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DATE: 5/06/2022
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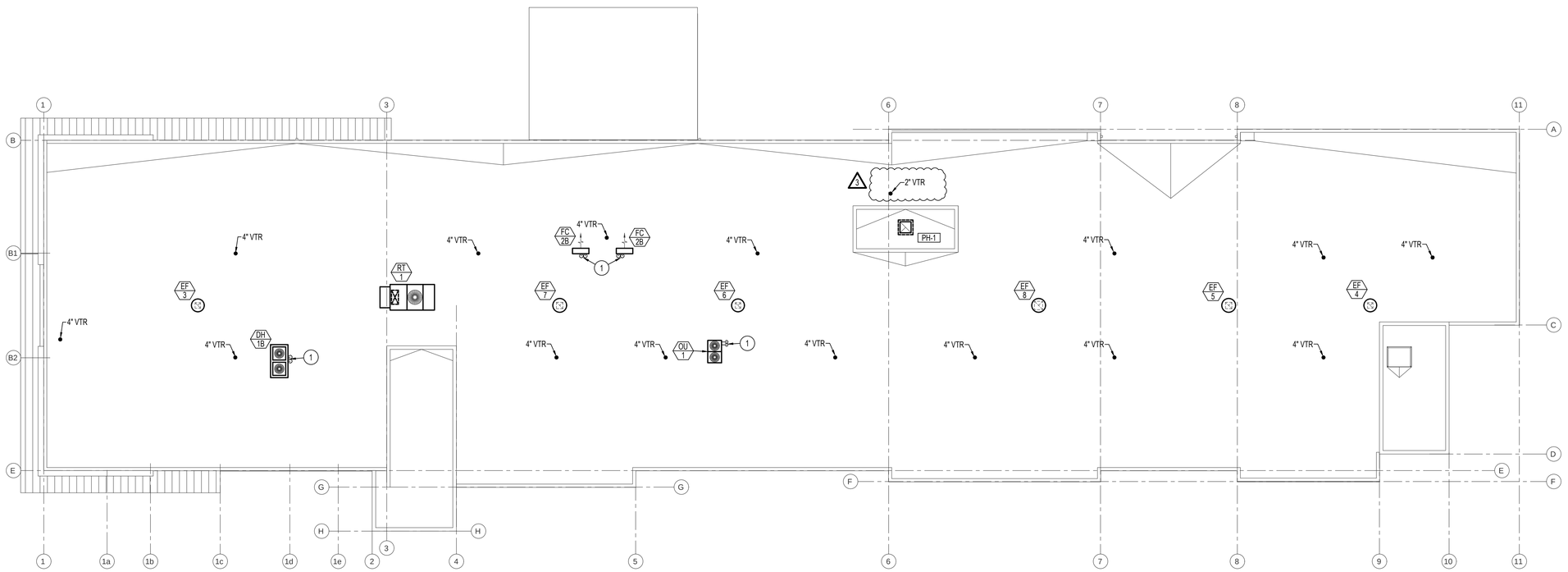
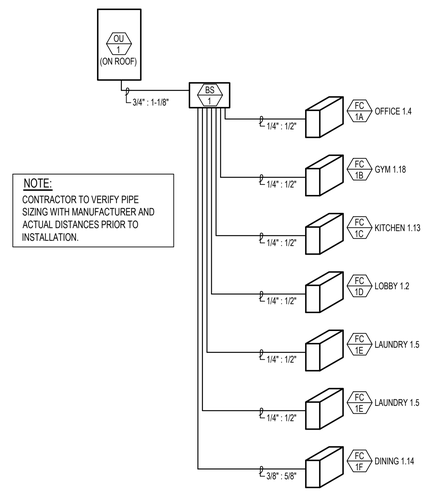
M1-4



ROOF LEVEL - MECHANICAL FLOOR PLAN

SCALE: 3/32" = 1'-0"

North



NOTE:
CONTRACTOR TO VERIFY PIPE SIZING WITH MANUFACTURER AND ACTUAL DISTANCES PRIOR TO INSTALLATION.

VRF REFRIGERANT PIPING DIAGRAM

NO SCALE

PLAN NOTES:

1. DROP REFRIGERANT PIPING THRU ROOF IN GOOSENECK ASSEMBLY. SEAL ROOF PENETRATIONS WEATHERTIGHT. SEE DETAIL ON SHEET M3-0.

05.06.22

DATE 6-16-22 REV 3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID.
ROOF LEVEL MECHANICAL FLOOR PLAN

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PROFESSIONAL ENGINEER REGISTERED 18184 May 06, 2022 STATE OF IDAHO DAVID L. HANSEN

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DATE: 5/06/2022
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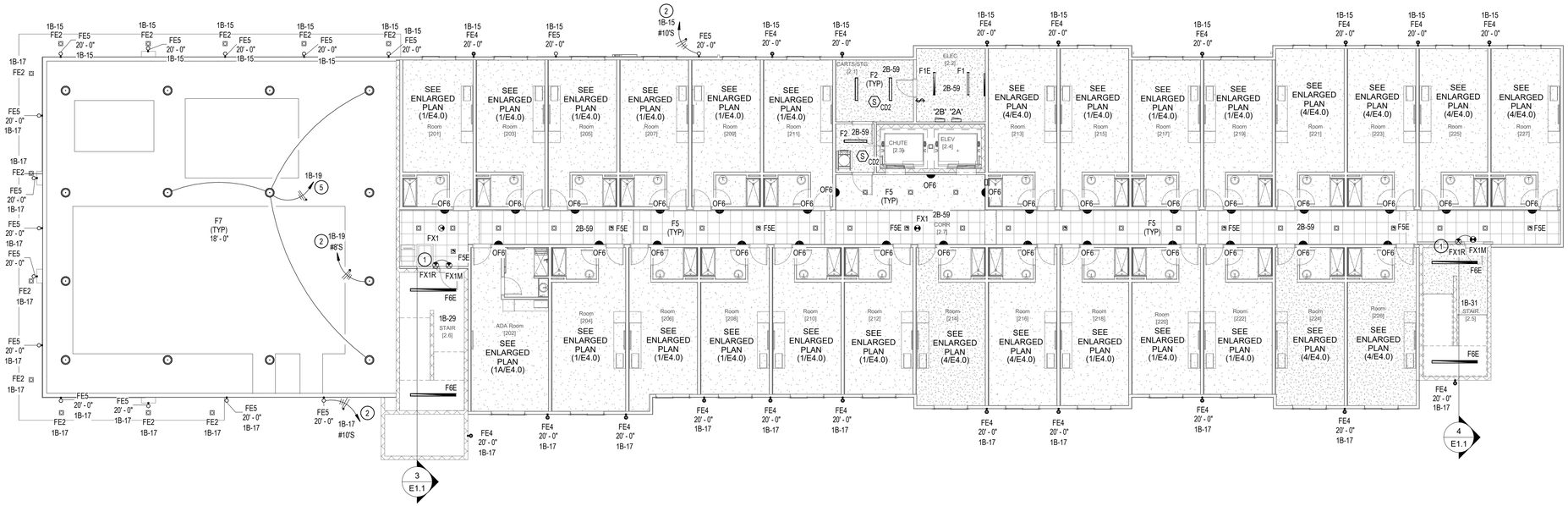
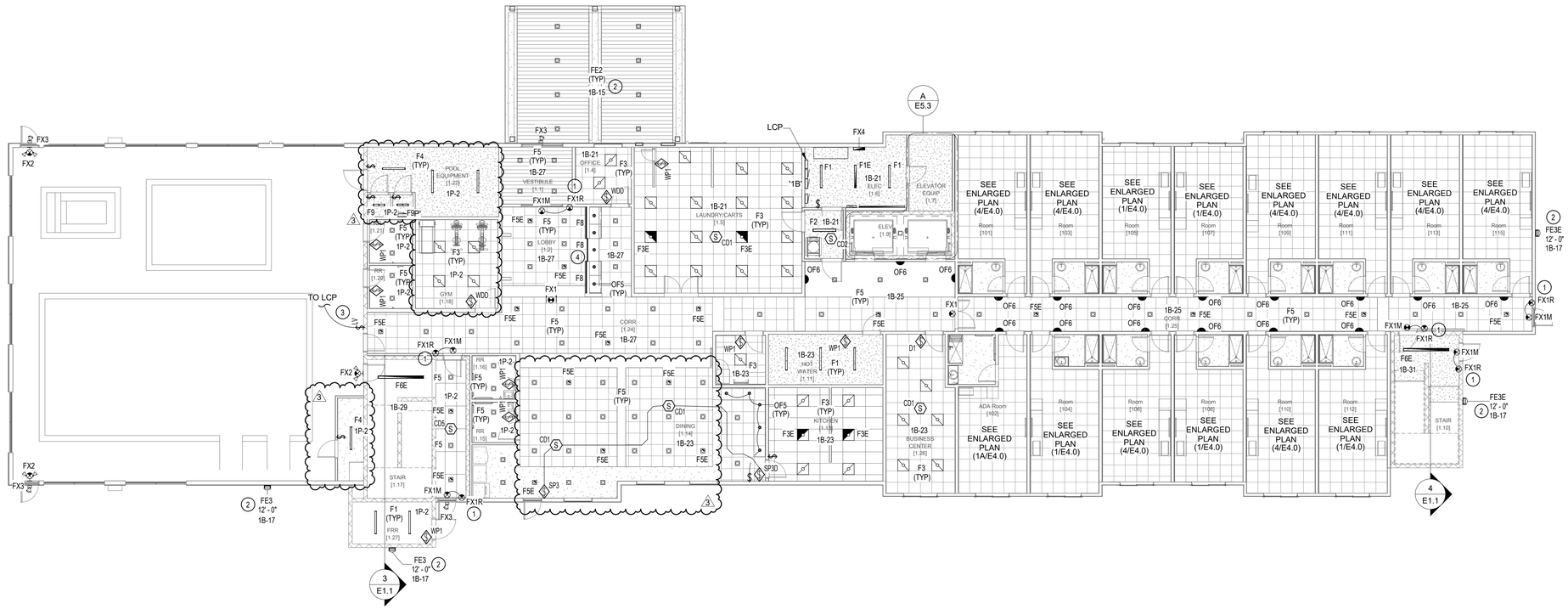
M1-5



2 2ND LEVEL - OVERALL LIGHTING PLAN

SCALE: 3/32" = 1'-0"

0" 8' 16' NORTH



1 MAIN LEVEL - OVERALL LIGHTING PLAN

SCALE: 3/32" = 1'-0"

0" 8' 16' NORTH

GENERAL NOTES:

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

(#) KEY NOTES:

1 EXIT SIGN SHALL BE RECESSED IN WALL AND MOUNTED 12" AFF TO BOTTOM OF SIGN, EDGE OF THE SIGN SHALL BE WITHIN 4" OF THE DOOR FRAME ON THE LATCH SIDE. SIGN SHALL BE POWERED FROM "MASTER" EXIT SIGN LOCATED ABOVE DOOR.

2 ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL (LCP); REFER TO LIGHTING CONTROL/OCCUPANCY SENSOR SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ADDITIONAL UN-SWITCH LEG AS NEEDED FOR CONNECTION TO BATTERY PACK OF EMERGENCY FIXTURE(S) (F#E).

3 LOW-VOLTAGE SWITCH COMPLATIBLE WITH LTG CONTROL PANEL; PROVIDE CONDUIT/CABLING TO 'LCP' AND PROGRAM AS DIRECTED BY OWNER.

4 FLEXIBLE LIGHTING TO BE MOUNTED IN EDGE OF RECEPTION COUNTER TO WASH FRONT OF COUNTER; E.C. SHALL COORDINATE INSTALLATION WITH ARCHITECT AND MILLWORK INSTALLER PRIOR TO ROUGH-IN.

5 ROUTE THROUGH EMERGENCY LIGHTING INVERTER 'FX4' IN ELECTRICAL ROOM, THESE FIXTURES SHALL BE CONTROLLED WITH THE OTHER FIXTURES IN ROOM, BUT UPON POWER OUTAGE SHALL AUTOMATICALLY ILLUMINATE FOR EGRESS.

DATE	REVISION #5 - ADDENDUM #3
06/16/2022	

A NEW HOTEL:
HOTEL
TWIN FALLS, ID
OVERALL LIGHTING PLANS

Laughlin Ricks Architecture
architecture/planning
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PROFESSIONAL ENGINEER REGISTERED 13053 5/6/22 STATE OF IDAHO SHAWN A. MEADOR

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DATE: 5/6/2022
BP Drawn | SAM Checked

E1.0

MECHANICAL -ELECTRIC HEATER SCHEDULE

EQUIP. ID	VOLTS	PH.	WATTS	CIRCUIT	FEEDER	NOTES
EH-1	120 V	1	2 kW	<varies>-<varies>	#10'S	
EH-2	120 V	1	2 kW	<varies>-<varies>	#10'S	
EH-3	208 V	1	2 kW	1P-<varies>	#12'S	

MECHANICAL - VRF FAN COIL UNIT SCHEDULE

EQUIP. ID	VOLTS	PH.	MCA	MOCP	CIRCUIT	FEEDER	NOTES
FC-1A	208 V	1	0.24 A	15 A	1B-66,68	#12'S	2
FC-1B	208 V	1	0.29 A	15 A	1P-16,18	#12'S	2
FC-1C	208 V	1	2.13 A	15 A	<varies>-<varies>	#12'S	2
FC-1E	208 V	1	0.33 A	15 A	1B-66,68	#12'S	2
FC-1F	208 V	1	4.25 A	15 A	1B-62,64	#12'S	2

MECHANICAL - DEHUMIDIFICATION UNIT SCHEDULE

EQUIP. ID	VOLTS	PH.	MCA	MOCP	CIRCUIT	FEEDER	DISCONNECT	NOTES
DH-1A	208 V	3	168 A	175 A	3M-19,21,23	2"C.,3#2/0+1#6G	200 A NON-FUSED/1	3
DH-1B	208 V	3	14 A	20 A	4C-50,52,54	#10'S	30 A NON-FUSED/3R	3

MECHANICAL - EXHAUST FAN SCHEDULE

EQUIP. ID	VOLTS	PH.	HP	WATTS	CONTROL	CIRCUIT	FEEDER	NOTES
EF-1	120 V	1		100 W	TIMER SWITCH	1B-14	#12'S	
EF-2	120 V	1		100 W	COOLING STAT	1B-4	#12'S	
EF-3	120 V	1	1/4		CONTINUOUS	4C-33	3/4"C.,2#12+1#12G	2
EF-4	120 V	1	1/4		CONTINUOUS	4C-37	3/4"C.,2#12+1#12G	2
EF-5	120 V	1	1/4		CONTINUOUS	4C-37	3/4"C.,2#12+1#12G	2
EF-6	120 V	1	1/4		CONTINUOUS	4C-35	3/4"C.,2#12+1#12G	2
EF-7	120 V	1	1/4		CONTINUOUS	4C-33	3/4"C.,2#12+1#12G	2
EF-8	120 V	1	1/4		CONTINUOUS	4C-35	3/4"C.,2#12+1#12G	2
EF-9	120 V	1	1/3		INTERLOCK W/ DH-1A	3C-40	3/4"C.,2#12+1#12G	2

MECHANICAL SCHEDULE NOTES:

1. CIRCUIT AND CONTROL EXHAUST FAN WITH ROOM LIGHTING CIRCUIT.
2. E.C. SHALL PROVIDE LOCAL DISCONNECT RATED, THERMAL-OVERLOAD SWITCH FOR EQUIPMENT; SWITCH RATING SHALL NOT BE LESS THEN CIRCUIT BREAKER SUPPLYING EQUIPMENT.
3. E.C. SHALL PROVIDE LOCAL DISCONNECT SWITCH FOR EQUIPMENT; SIZE AND TYPE AS INDICATED IN SCHEDULE. IF FUSED DISCONNECT IS SPECIFIED FOR EQUIPMENT, FUSE PER EQUIPMENT NAMEPLATE RATING.
4. EQUIPMENT IS FACTORY SUPPLYED WITH DISCONNECT AND CONVIENENCE OUTLET; E.C. SHALL PROVIDE ALL NECESSARY CONNECTIONS.
5. INDOOR UNIT IS POWERED FROM OUTDOOR UNIT; COORDINATE EXACT NUMBER OF CONDUCTORS BETWEEN UNITS WITH M.C. PRIOR TO ROUGH-IN.

ELECTRICAL AV/TV BOX SCHEDULE

ID	DESCRIPTION	MFGR.	PART #'s	NOTES
TV2	2-GANG RECESSED FPTV ENCLOSURE W/ STEEL COVER, 120V RECEPTACLE & DATA PER DWG'S	HUBBELL	NSAV62M/NSAV6C/NSOKPTR	1,2,3

AV AND TV BOX SCHEDULE NOTES:

1. MOUNT TV BOX AT 5'-0"AFF, FIELD VERIFY MOUNTING HEIGHT WITH TV AND OWNER PRIOR TO ROUGH-IN
2. PROVIDE LV CONDUIT(S) AS INDICATED ON DRAWINGS TO ACCESSIBLE CEILING SPACE AND/OR FLOORBOX FOR ROUTING OF DATA AND/OR LOW VOLTAGE CABLING.
3. PROVIDE REQUIRED MUDRINGS, TERMINATIONS, COVERPLATES, INSERTS AND ETC FOR COMPLETE INSTALLATION.
4. PROVIDE 120V/20A DUPLEX RECEPTACLE, DATA INSERT AND BRUSH PASSTHROUGH INSERT, REFER TO DETAIL.

KITCHEN EQUIPMENT SCHEDULE

ITEM #	EQUIPMENT DESCRIPTION	VOLTS/PH	AMPS	CIRCUIT	WIRE SIZE	CONNECTION	MTG	NOTES
K2	REACH-IN REFRIGERATOR	120 V/1	3 A	1B-52	#12'S	NEMA 5-20R	42" AFF	3
K5	GLASSWASHER, UNDERCOUNTER	208 V/1	30 A	1B-58,60	#8'S	DIRECT	VERIFY	1
K9	ELECTRIC CONVECTION OVEN	120 V/1	12 A	1B-54	#12'S	NEMA 5-20R	ABOVE COUNTER	3
K11	REACH-IN FREEZER	120 V/1	4 A	1B-52	#12'S	NEMA 5-20R	42" AFF	3
K13	SANDWICH PREP. REFRIGERATOR	120 V/1	4 A	1B-56	#12'S	NEMA 5-20R	42" AFF	3
K14	REACH-IN REFRIGERATOR	120 V/1	3 A	1B-56	#12'S	NEMA 5-20R	42" AFF	3

KITCHEN EQUIPMENT SCHEDULE NOTES:

1. E.C. SHALL COORDINATE MTG HEIGHT AND ROUGH-IN REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
2. PROVIDE WITH LOCK-OUT TYPE BREAKER IN PANEL.
3. UTILIZE GFCI TYPE CIRCUIT BREAKER FOR EQUIPMENT.
4. E.C. SHALL PROVIDE AND INSTALL FUSED DISC. AT UNIT; FUSE PER EQUIPMENT NAMEPLATE.

GENERAL KITCHEN EQUIPMENT NOTES:

- REFER TO KITCHEN CONSULTANT DRAWINGS FOR ADDITIONAL INFORMATION AND ELECTRICAL REQUIREMENTS.
- REFER TO KITCHEN HOOD SHOP DRAWINGS FOR ADDITIONAL INFROMATION AND ALL REQUIRED ELECTRICAL CONNECTIONS.

POOL EQUIPMENT SCHEDULE

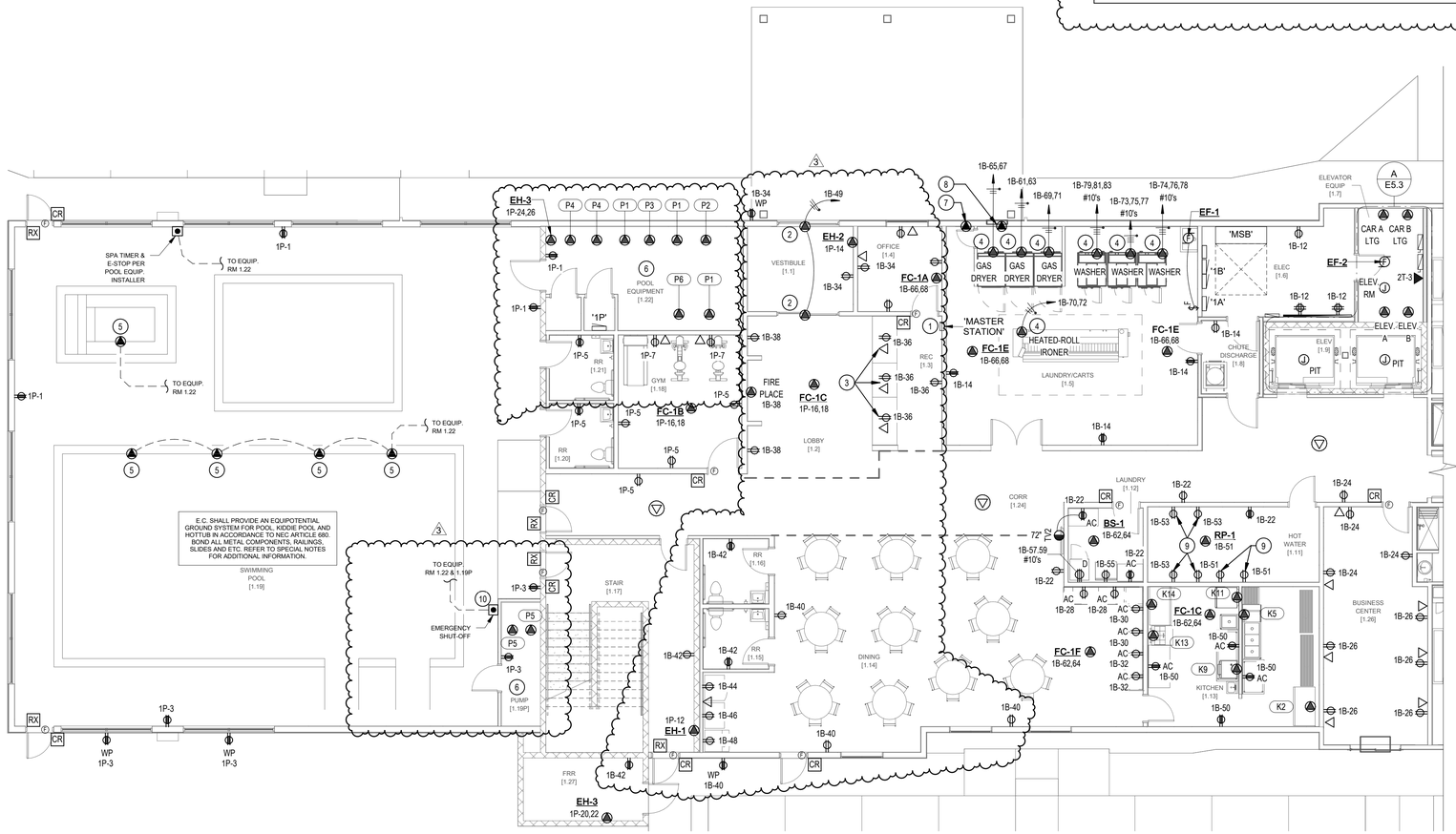
ITEM #	EQUIPMENT DESCRIPTION	VOLTS/PH	HP	AMPS	CIRCUIT	WIRE SIZE	DISCONNECT	STARTER SIZE	NOTES
P1	GAS POOL HEATER	120 V/1	-	5 A	1P-15	#12'S	30 A NON-FUSED/4X	NONE	2
P1	GAS POOL HEATER	120 V/1	-	5 A	1P-13	#12'S	30 A NON-FUSED/4X	NONE	2
P1	GAS POOL HEATER	120 V/1	-	5 A	1P-17	#12'S	30 A NON-FUSED/4X	NONE	2
P2	POOL CIRCULATION PUMP	208 V/1	3	16 A	1P-31,33	#10'S	60 A FUSED/4X	SIZE 1	2,4
P3	SPA CIRCULATION PUMP	208 V/1	3	16 A	1P-32,34	#10'S	60 A FUSED/4X	SIZE 1	2,4
P4	SPA JET PUMP	208 V/1	3	16 A	1P-36,38	#10'S	60 A FUSED/4X	SIZE 1	2,4
P4	SPA JET PUMP	208 V/1	3	16 A	1P-28,30	#10'S	60 A FUSED/4X	SIZE 1	2,4
P5	WATER SLIDE PUMP	208 V/1	10	40 A	1P-35,37	#4'S	100 A FUSED/4X	SIZE 2	2,4
P5	WATER SLIDE PUMP	208 V/1	10	40 A	1P-39,41	#4'S	100 A FUSED/4X	SIZE 2	2,4
P6	WADING POOL CIRCULATION PUMP	208 V/1	3	16 A	1P-27,29	#10'S	60 A FUSED/4X	SIZE 1	2,4

POOL EQUIPMENT SCHEDULE NOTES:

1. E.C. SHALL COORDINATE MTG HEIGHT AND ROUGH-IN REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
2. E.C. SHALL PROVIDE GFCI PROTECTION FOR EQUIPMENT PER NEC 680.21(C), COORDINATE WITH POOL CONTRACTOR.
3. E.C. SHALL PROVIDE AND INSTALL LOCAL DISCONNECT AS INDICATED IN SCHEDULE; FUSE PER EQUIPMENT NAMEPLATE.
4. E.C. SHALL PROVIDE AND INSTALL COMBINATION MOTOR STARTER/DISCONNECT FOR CONTROL OF PUMP; PROVIDE WITH (2) SETS OF NO/NC CONTACTS, CONTROL XFMR AND ETC. COORDINATE CONTROL AND CONNECTIONS WITH POOL EQUIPMENT CONTRACTOR. FUSE PER EQUIPMENT NAMEPLATE

GENERAL POOL EQUIPMENT NOTES:

- PRIOR TO ANY ROUGH-IN OR INSTALLATION E.C. SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS FOR POOL EQUIPMENT WITH POOL CONTRACTOR AND SHOP DRAWINGS, INCLUDING BUT NOT LIMITED TO; MOTOR CIRCUIT REQUIREMENTS, POOL LIGHTING, PUMP CONTROLS, E-STOP CONNECTIONS AND ETC.



1 MAIN LEVEL - ENLARGED POWER/DATA PLAN
SCALE: 1/8" = 1'-0"

0" 8' 16'
NORTH

GENERAL NOTES:

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

SPECIAL NOTES:

- ALL WIRING METHODS AND INSTALLATION OF ALL POOL RELATED EQUIPMENT SHALL BE PERFORMED IN ACCORDANCE WITH NEC ARTICLE 680.
- E.C. SHALL PROVIDE AN EQUIPOTENTIAL GROUND GRID IN POOL DECK AND POOL EQUIPMENT ROOM SLAB PER NEC 680.
- E.C. SHALL PROVIDE ALL BONDING OF POOL EQUIPMENT, LADDERS, PIPING, MOTORS AND ETC. TO THE EQUIPOTENTIAL GROUNDING GRID UTILIZING #6 Cu GROUND.
- E.C. SHALL REFER TO POOL CONSULTANT DRAWINGS FOR ADDITIONAL WORK AND REQUIREMENTS.

(#) KEY NOTES:

1 E.C. SHALL PROVIDE AND INSTALL EMERGENCY TWO-WAY COMMUNICATION SYSTEM IN ACCORDANCE WITH IBC 1009.8. SYSTEM SHALL BE CORNELL 4200 SERIES OR EQUAL, REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE ALL REQUIRED COMPONENTS FOR COMPLETE INSTALLATION, INCLUDING BUT NOT LIMITED TO; MASTER STATION, CALL STATIONS, AUTO DIALER, BACKBOXES, WIRING AND ETC. PROVIDE REQUIRED PHONE LINE/FACP INTERFACE FOR 911 CONNECTION. COORDINATE LOCATION OF MASTER STATION WITH LOCAL AHJ PRIOR TO ROUGH-IN.

2 CONNECTION TO AUTOMATIC DOORS; FIELD VERIFY CONNECTION LOCATION AND REQUIREMENTS WITH EQUIPMENT INSTALLERS. PROVIDE ALL REQUIRED ROUGH-IN AND CONNECTIONS.

3 RECEPTACLE(S) AND DATA OUTLETS INSTALLED IN MILLWORK, COORDINATE EXACT LOCATION WITH MILLWORK INSTALLER SO THAT DEVICE ARE NOT INSTALLED BEHIND CABINETRY.

4 CONNECTION TO LAUNDRY EQUIPMENT, E.C. SHALL PROVIDE AND INSTALL LOCAL DISCONNECT SWITCH FOR EACH PIECE OF EQUIPMENT.

5 CONNECTION TO POOL/SPA LIGHT AS REQUIRED BY POOL CONTRACTOR, COORDINATE ROUGH-IN AND CONNECTIONS WITH POOL CONTRACTOR AND SHOP DRAWINGS PRIOR TO ROUGH-IN.

6 ALL ELECTRICAL EQUIPMENT, RACEWAY AND ETC. INSTALLED IN THIS ROOM SHALL BE SUITABLE FOR CORROSIVE, WET LOCATION PER NEC SECTION 680. ALL METAL PIPING, PUMPS AND ETC. SHALL BE BONDED TOGETHER AND CONNECTED TO POOL EQUIPOTENTIAL GROUNDING SYSTEM.

7 MOTORIZED DAMPER TO BE INTERLOCKED WITH HEATED-ROLL IRON PER MECH. CONTRACTOR. COORDINATE WITH M.C. PRIOR TO ROUGH-IN.

8 MOTORIZED DAMPER TO BE INTERLOCKED WITH GAS DRYERS PER MECH. CONTRACTOR. COORDINATE WITH M.C. PRIOR TO ROUGH-IN.

9 RECEPTACLE FOR GAS FIRED WATER HEATER, COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

10 E.C. SHALL PROVIDE AND INSTALL EMERGENCY SHUT-OFF PUSH BUTTON AS DIRECTED BY POOL EQUIPMENT INSTALLER. E-STOP SHALL SHUT OFF ALL POOL EQUIPMENT AND PUMPS. REFER TO POOL EQUIPMENT SHOP DRAWINGS FOR ADDITIONAL INFORMATION.

PROFESSIONAL ENGINEER REGISTERED 13053 5/6/22 STATE OF IDAHO SHAWN A. MEADOR

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1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.paynengineeringinc.com

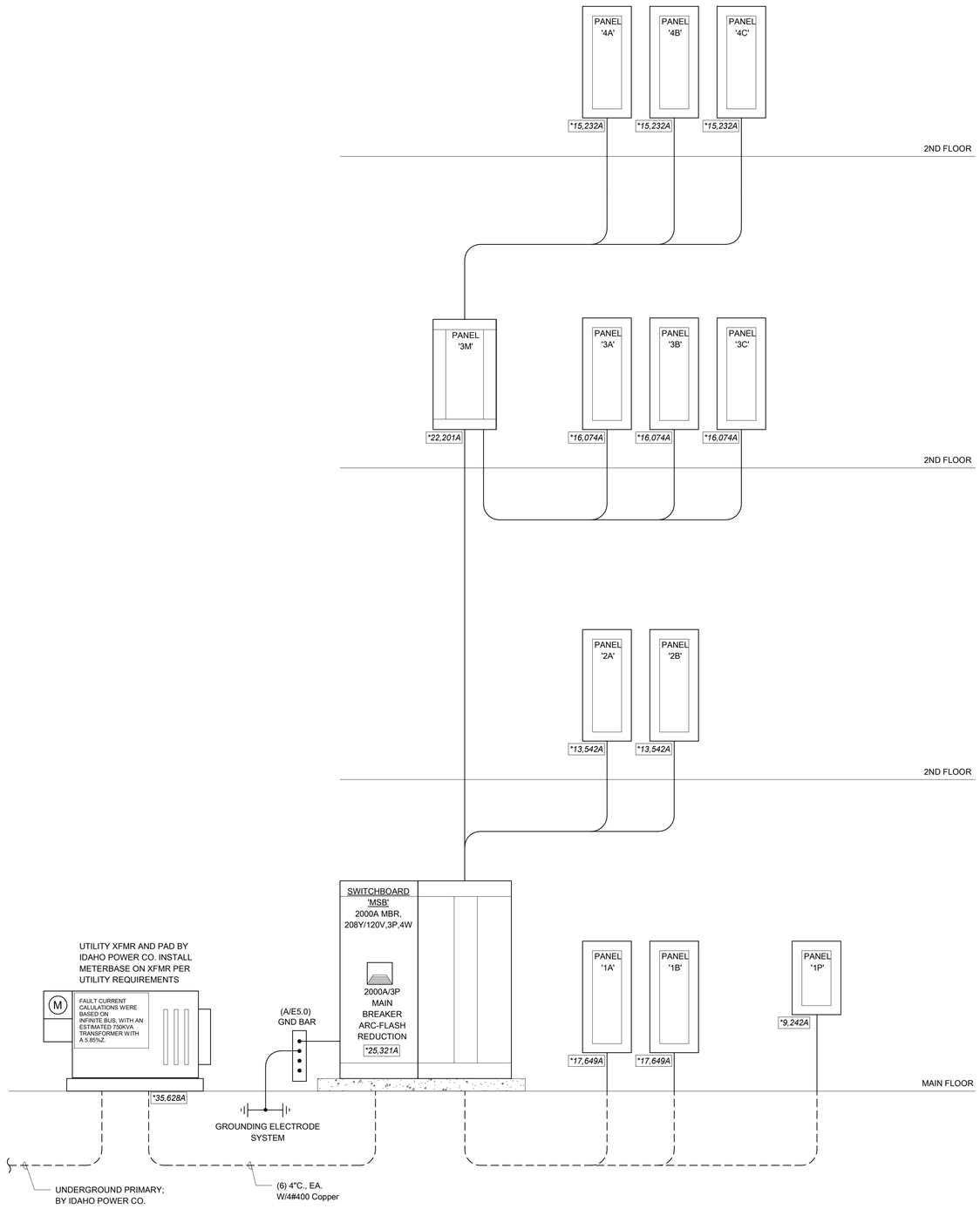
DATE 06/16/2022 REVISION #5 - ADDENDUM #3

A NEW HOTEL:
HOTEL
TWIN FALLS, ID
ENLARGED POWER/DATA PLANS

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
(208) 736-8050 Fax: (208) 733-0950

DATE: 5/6/2022
BP Drawn | SAM Checked

E2.2



1 POWER RISER DIAGRAM

SCALE: NONE

PANEL: MSB

PAYNE ENGINEERING

LOCATION: ELEC 1.6
FED FROM:
MOUNTING: FLOOR
ENCLOSURE: NEMA 1
MFG/MODEL: SQ. D/QED SERIES

VOLTAGE: 120/208 Wye
PHASES: 3
WIRES: 4
BUSSING: SEE SPEC'S
DIMENSIONS: PER MFGR

A.I.C. RATING: 42k
PANEL TYPE: MBR
PANEL AMPS: 2000 A
MBR AMPS: 2000 A
FEED: BOTTOM

PROJECT: HOTEL

NOTES:
MAIN BREAKER SHALL HAVE ARC-FLASH REDUCTION

CKT	CIRCUIT DESCRIPTION	POLES	FRAME AMPS	TRIP AMPS	LOAD	REMARKS
1	PANEL 1A	3	200 A	200 A	51 kW	
2	PANEL 1B	3	250 A	250 A	75 kW	
3	PANEL 2A	3	200 A	200 A	45 kW	
4	PANEL 2B	3	200 A	200 A	52 kW	
5	PANEL 1P	3	225 A	225 A	47 kW	
6	Elevator 'A'	3	200 A	200 A	40 kW	
7	Elevator 'B'	3	200 A	200 A	40 kW	
8	SPARE	1	200 A	200 A	0 kW	
9	SPARE	1	200 A	200 A	0 kW	
10	PANEL 3M	3	1200 A	1200 A	354 kW	BREAKER SHALL HAVE ARC-FLASH REDUCTION
				TOTAL CONN. LOAD:	703 kW	
				TOTAL AMPS:	1952 A	

PANEL LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	EST. DEMAND	PANEL TOTALS	
Electric Clothes Dryer	5000 VA	100.00%	5000 VA		
Elevator	80000 VA	95.00%	76000 VA	**TOTAL CONN. LOAD:**	703 kW
Equipment	27100 VA	100.00%	27100 VA	**TOTAL EST. DEMAND:**	690 kW
HVAC	81028 VA	100.00%	81028 VA	**TOTAL CONN. AMPS:**	1952 A
Kitchen Equipment - Non-Dwelling Unit	9408 VA	65.00%	6115 VA	**TOTAL EST. DEMAND AMPS:**	1915 A
Lighting	16418 VA	100.00%	16418 VA		
Motor	38545 VA	105.46%	40650 VA		
Other	7800 VA	100.00%	7800 VA		
Receptacle	26520 VA	68.85%	18260 VA		
PTAC	315952 VA	100.00%	315952 VA		
Elec. Heating	18000 VA	100.00%	18000 VA		
Hotel Guest Suite	79200 VA	100.00%	79200 VA		

POWER RISER FEEDER SCHEDULE

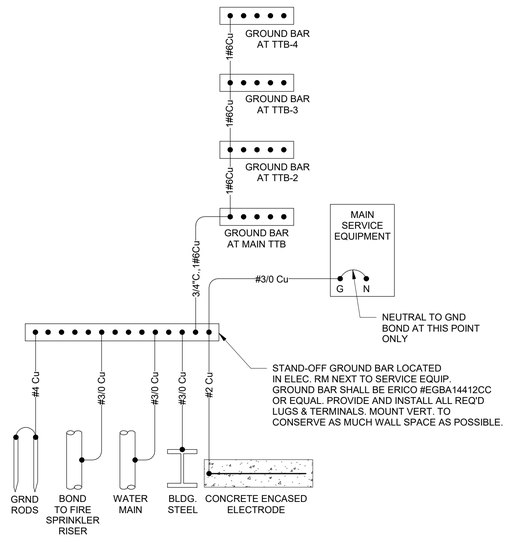
SOURCE	LOAD	# OF CONDUIT RUNS	CONDUIT SIZE	FEEDER SIZE	CONDUCTOR TYPE	LOAD AMPS	FEEDER BREAKER SIZE
MSB	PANEL 1A	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	140 A	200 A
MSB	PANEL 1B	1	2 1/2"	3-#350, 1-#350, 1-#2	ALUMINUM	209 A	250 A
MSB	PANEL 1P	1	2 1/2"	3-#300, 1-#300, 1-#2	ALUMINUM	129 A	225 A
MSB	PANEL 2A	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	124 A	200 A
MSB	PANEL 2B	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	144 A	200 A
MSB	PANEL 3M	4	3"	4 runs of 3-#500, 1-#500, 1-#250	ALUMINUM	984 A	1200 A
3M	PANEL 3A	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	140 A	200 A
3M	PANEL 3B	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	136 A	200 A
3M	PANEL 3C	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	107 A	200 A
3M	PANEL 4A	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	142 A	200 A
3M	PANEL 4B	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	169 A	200 A
3M	PANEL 4C	1	2 1/2"	3-#250, 1-#250, 1-#4	ALUMINUM	155 A	200 A

FEEDER SCHEDULE LEGEND & NOTES

1. # OF RUNS INDICATES THE NUMBER OF PARALLEL RUNS FOR THE FEEDER.
2. FEEDER SIZE IN SCHEDULE IS AS INDICATED BELOW:

QTY-#PHASE SIZE, QTY-#NEUTRAL SIZE, QTY-#GROUND SIZE

- QTY & SIZE OF PHASE CONDUCTOR(S)
- QTY & SIZE OF NEUTRAL CONDUCTOR(S)
- QTY & SIZE OF GROUND CONDUCTOR(S)



A BLDG GROUNDING ELECTRODE SYSTEM DETAIL

SCALE: NONE

PROFESSIONAL ENGINEER REGISTERED 13053 5/6/22 STATE OF IDAHO SHAWN A. MEADOR

P.E. #:2215

PAYNE Engineering Inc. Consulting Engineers
1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.payneengineeringinc.com

DATE 05/16/2022 REVISION #5 - ADDENDUM #5

A NEW HOTEL:
HOTEL
TWIN FALLS, ID
POWER RISER & SCHEDULES

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
(208) 736-8050 Fax: (208) 733-0950

DATE: 5/6/2022
BP Drawn SAM Checked

E5.0

PANEL: 1B

PAYNE ENGINEERING

LOCATION: ELEC 1.6 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: MSB | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 400 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM

NOTES:
PROVIDE WITH INTEGRAL SURGE PROTECTION

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Lighting - Site	LCP	20 A	1	600 400			1	20 A		Elevator Pit	2
3	Sign Lighting	LCP	20 A	1		1200 293		1	20 A		Elevator Equip. Room	4
5	Receptacle - Landscape	LCP	20 A	1			360 500	1	20 A		Elev. A - Car Ltg	6
7	Receptacle - Landscape	LCP	20 A	1	360 500			1	20 A		Elev. B - Car Ltg	8
9	Building Signage	LCP	20 A	1		1200 500		1	20 A		FACP	10
11	Building Signage	LCP	20 A	1			1200 900	1	20 A		Receptacle - TTB	12
13	Building Signage	LCP	20 A	1	1200 811			1	20 A		Receptacle	14
15	Lighting - Exterior	LCP	20 A	1		1180 540		1	20 A		Receptacle	16
17	Lighting - Exterior	LCP	20 A	1			1220 2000	1	25 A		Elec. Heating	18
19	Lighting - Pool	LCP	20 A	1	1540 2000			1	25 A		Elec. Heating	20
21	Lighting		20 A	1		810 1080		1	20 A		Receptacle	22
23	Lighting		20 A	1			1335 720	1	20 A		Receptacle	24
25	Lighting		20 A	1	790 900			1	20 A		Receptacle	26
27	Lighting		20 A	1		777 360		1	20 A		Receptacle	28
29	Lighting - Stairwell		20 A	1			595 360	1	20 A		Receptacle	30
31	Lighting - Stairwell		20 A	1	625 360			1	20 A		Receptacle	32
33	SPARE	--	20 A	1		0 1080		1	20 A		Receptacle	34
35	SPARE	--	20 A	1			0 720	1	20 A		Receptacle	36
37	SPARE	--	20 A	1	0 560			1	20 A		Receptacle	38
39	SPARE	--	20 A	1		0 720		1	20 A		Receptacle	40
41	SPARE	--	20 A	1			0 720	1	20 A		Receptacle	42
43	SPARE	--	20 A	1	0 180			1	20 A		Receptacle - Vending Mach.	44
45	SPARE	--	20 A	1		0 180		1	20 A		Receptacle - Vending Mach.	46
47	SPARE	--	20 A	1			0 180	1	20 A		Receptacle - Ice Mach.	48
49	Automatic Doors		20 A	1	1000 720			1	20 A	G	Receptacle - Kitchen	50
51	Receptacle		20 A	1		585 888		1	20 A	G	Kitchen Equipment	52
53	Receptacle		20 A	1			540 1440	1	20 A	G	Kitchen Equipment	54
55	Washer	G	20 A	1	180 840			1	20 A	G	Kitchen Equipment	56
57	Electric Clothes Dryer	G	30 A	2		2500 3120		2	40 A		Kitchen Equipment	58
59							2500 3120					60
61	Gas Dryer		20 A	2	700 697			2	15 A		HVAC FAN COILS	62
63						700 697						64
65	Gas Dryer		20 A	2			700 75	2	15 A		HVAC FAN COILS	66
67					700 75							68
69	Gas Dryer		20 A	2		700 700		2	20 A		Heated Roll Ironer	70
71							700 700					72
73					2167 2167							74
75	Washer		30 A	3		2167 2167		3	30 A		Washer	76
77							2167 2167					78
79					2167 0							80
81	Washer		30 A	3		2167 0		3	20 A	--	Surge Protection Device	82
83							2167 0					84
	TOTAL LOAD:				22.0 kVA	26.3 kVA	26.9 kVA					
	TOTAL AMPS:				184 A	225 A	230 A					
	TOTAL ESTIMATED DEMAND AMPS:				195 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 1P

PAYNE ENGINEERING

LOCATION: ELEC 1.22E | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 10k | **PROJECT:** HOTEL
FED FROM: MSB | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM

NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Receptacle		20 A	1	720 720			1	20 A		Lighting	2
3	Receptacle		20 A	1		900 0		1	20 A	--	SPARE	4
5	Receptacle		20 A	1			1080 0	1	20 A	--	SPARE	6
7	Receptacle		20 A	1	360 0			1	20 A	--	SPARE	8
9	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	10
11	SPARE	--	20 A	1			0 2000	1	25 A		Elec. Heating	12
13	Gas Pool Htr	G	20 A	1	600 2000			1	25 A		Elec. Heating	14
15	Gas Pool Htr	G	20 A	1		600 201		2	15 A		HVAC FAN COILS	16
17	Gas Pool Htr	G	20 A	1			600 201					18
19	SPARE	--	20 A	1	0 1000			2	20 A		Elec. Heating	20
21	SPARE	--	20 A	1		0 1000						22
23	SPARE	--	20 A	1			0 1000	2	20 A		Elec. Heating	24
25	SPARE	--	20 A	1	0 1000							26
27	Wading Pool Circ Pump	G	50 A	2		1664 1664		2	50 A	G	Spa Jet Pump	28
29							1664 1664					30
31	Pool Circ. Pump	G	50 A	2	1664 1664			2	50 A	G	Spa Circ. Pump	32
33						1664 1664						34
35	Slide Pump	G	100 A	2			4160 1664	2	50 A	G	Spa Jet Pump	36
37					4160 1664							38
39	Slide Pump	G	100 A	2		4160 0		1	20 A	--	SPARE	40
41							4160 0	1	20 A	--	SPARE	42
	TOTAL LOAD:				15.3 kVA	13.4 kVA	17.9 kVA					
	TOTAL AMPS:				129 A	112 A	152 A					
	TOTAL ESTIMATED DEMAND AMPS:				135 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 1A

PAYNE ENGINEERING

LOCATION: ELEC 1.6 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: MSB | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM

NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	2
3	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	4
5	Hotel Guest Suite 104	A	20 A	1			350 1456	2	20 A		PTAC 104	6
7	Hotel Guest Suite 104	A	20 A	1	350 1456							8
9	Hotel Guest Suite 106	A	20 A	1		350 1456		2	20 A		PTAC 106	10
11	Hotel Guest Suite 106	A	20 A	1			350 1456					12
13	Hotel Guest Suite 108	A	20 A	1	350 1456			2	20 A		PTAC 108	14
15	Hotel Guest Suite 108	A	20 A	1		350 1456						16
17	Hotel Guest Suite 110	A	20 A	1			350 1456	2	20 A		PTAC 110	18
19	Hotel Guest Suite 110	A	20 A	1	350 1456							20
21	Hotel Guest Suite 112	A	20 A	1		350 1456		2	20 A		PTAC 112	22
23	Hotel Guest Suite 112	A	20 A	1			350 1456					24
25	Hotel Guest Suite 114	A	20 A	1	350 1456			2	20 A		PTAC 114	26
27	Hotel Guest Suite 114	A	20 A	1		350 1456						28
29	Hotel Guest Suite 101	A	20 A	1			350 1456	2	20 A		PTAC 101	30
31	Hotel Guest Suite 101	A	20 A	1	350 1456							32
33	Hotel Guest Suite 103	A	20 A	1		350 1456		2	20 A		PTAC 103	34
35	Hotel Guest Suite 103	A	20 A	1			350 1456					36
37	Hotel Guest Suite 105	A	20 A	1	350 1456			2	20 A		PTAC 105	38
39	Hotel Guest Suite 105	A	20 A	1		350 1456						40
41	Hotel Guest Suite 107	A	20 A	1			350 1456	2	20 A		PTAC 107	42
43	Hotel Guest Suite 107	A	20 A	1	350 1456							44
45	Hotel Guest Suite 109	A	20 A	1		350 1456		2	20 A		PTAC 109	46
47	Hotel Guest Suite 109	A	20 A	1			350 1456					48
49	Hotel Guest Suite 111	A	20 A	1	350 1456			2	20 A		PTAC 111	50
51	Hotel Guest Suite 111	A	20 A	1		350 1456						52
53	Hotel Guest Suite 113	A	20 A	1			350 1456	2	20 A		PTAC 113	54
55	Hotel Guest Suite 113	A	20 A	1	350 1456							56
57	Hotel Guest Suite 115	A	20 A	1		350 1456		2	20 A		PTAC 115	58
59	Hotel Guest Suite 115	A	20 A	1			350 1456					60
61	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	62
63	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	64
65	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	66
67	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	68
69	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	70
71	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	72
	TOTAL LOAD:				16.3 kVA	16.3 kVA	18.1 kVA					
	TOTAL AMPS:				135 A	135 A	151 A					
	TOTAL ESTIMATED DEMAND AMPS:				140 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 2A

PAYNE ENGINEERING

LOCATION: ELEC 2.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: MSB | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM

NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Hotel Guest Suite 201	A	20 A	1	350 1456			2	20 A		PTAC 201	2
3	Hotel Guest Suite 201	A	20 A	1		350 1456						4
5	Hotel Guest Suite 203	A	20 A	1			350 1456	2	20 A		PTAC 202	6
7	Hotel Guest Suite 203	A	20 A	1	350 1456							8
9	Hotel Guest Suite 205	A	20 A	1		350 0		2	20 A	--	SPARE	10
11	Hotel Guest Suite 205	A	20 A	1			350 0					12
13	Hotel Guest Suite 207	A	20 A	1	350 0			2	20 A	--	SPARE	14
15	Hotel Guest Suite 207	A	20 A	1		350 0						16
17	Hotel Guest Suite 209	A	20 A	1			350 1456	2	20 A		PTAC 209	18
19	Hotel Guest Suite 209	A	20 A	1	350 1456							20
21	Hotel Guest Suite 211	A	20 A	1		350 1456		2	20 A		PTAC 211	22
23	Hotel Guest Suite 211	A	20 A	1			350 1456					24
25	Hotel Guest Suite 213	A	20 A	1	350 1456			2	20 A		PTAC 213	26
27	Hotel Guest Suite 213	A	20 A	1		350 1456						28
29	Hotel Guest Suite 215	A	20 A	1			350 1456	2	20 A		PTAC 215	30
31	Hotel Guest Suite 215	A	20 A	1	350 1456							32
33	Hotel Guest Suite 217	A	20 A	1		350 1456		2	20 A		PTAC 217	34
35	Hotel Guest Suite 217	A	20 A	1			350 1456					36
37	Hotel Guest Suite 219	A	20 A	1	350 1456			2	20 A		PTAC 219	38
39	Hotel Guest Suite 219	A	20 A	1		350 1456						40
41	Hotel Guest Suite 221	A	20 A	1			350 1456	2	20 A		PTAC 221	42
43	Hotel Guest Suite 221	A	20 A	1	350 1456							44
45	Hotel Guest Suite 223	A	20 A	1		350 1456		2	20 A		PTAC 223	46
47	Hotel Guest Suite 223	A	20 A	1			350 1456					48
49	Hotel Guest Suite 225	A	20 A	1	350 1456			2	20 A		PTAC 225	50
51	Hotel Guest Suite 225	A	20 A	1		350 1456						52
53	Hotel Guest Suite 227	A	20 A	1			350 1456	2	20 A		PTAC 227	54
55	Hotel Guest Suite 227	A	20 A	1	350 1456							56
57	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	58
59	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	60
61	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	62
63	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	64
65	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	66
67	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	68
69	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	70
71	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	72
				A	16.6 kVA	13.3 kVA	14.8 kVA					
				A	140 A	111 A	125 A					
				A	124 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 2B

PAYNE ENGINEERING

LOCATION: ELEC 2.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: MSB | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM

NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Hotel Guest Suite 202	A	20 A	1	350 1456			2	20 A		PTAC 202	2
3	Hotel Guest Suite 202	A	20 A	1		350 1456						4
5	Hotel Guest Suite 204	A	20 A	1			350 1456	2	20 A		PTAC 204	6
7	Hotel Guest Suite 204	A	20 A	1	350 1456							8
9	Hotel Guest Suite 206	A	20 A	1		350 1456		2	20 A		PTAC 206	10
11	Hotel Guest Suite 206	A	20 A	1			350 1456					12
13	Hotel Guest Suite 208	A	20 A	1	350 1456			2	20 A		PTAC 208	14
15	Hotel Guest Suite 208	A	20 A	1		350 1456						16
17	Hotel Guest Suite 210	A	20 A	1			350 1456	2	20 A		PTAC 210	18
19	Hotel Guest Suite 210	A	20 A	1	350 1456							20
21	Hotel Guest Suite 212	A	20 A	1		350 1456		2	20 A		PTAC 212	22
23	Hotel Guest Suite 212	A	20 A	1			350 1456					24
25	Hotel Guest Suite 214	A	20 A	1	350 1456			2	20 A		PTAC 214	26
27	Hotel Guest Suite 214	A	20 A	1		350 1456						28
29	Hotel Guest Suite 216	A	20 A	1			350 1456	2	20 A		PTAC 216	30
31	Hotel Guest Suite 216	A	20 A	1	350 1456							32
33	Hotel Guest Suite 218	A	20 A	1		350 1456		2	20 A		PTAC 218	34
35	Hotel Guest Suite 218	A	20 A	1			350 1456					36
37	Hotel Guest Suite 220	A	20 A	1	350 1456			2	20 A		PTAC 220	38
39	Hotel Guest Suite 220	A	20 A	1		350 1456						40
41	Hotel Guest Suite 222	A	20 A	1			350 1456	2	20 A		PTAC 222	42
43	Hotel Guest Suite 222	A	20 A	1	350 1456							44
45	Hotel Guest Suite 224	A	20 A	1		350 1456		2	20 A		PTAC 224	46
47	Hotel Guest Suite 224	A	20 A	1			350 1456					48
49	Hotel Guest Suite 226	A	20 A	1	350 1456			2	20 A		PTAC 226	50
51	Hotel Guest Suite 226	A	20 A	1		350 1456						52
53	Receptacle		20 A	1			720 900	1	20 A		Receptacle	54
55	Receptacle		20 A	1	540 720			1	20 A		Receptacle - Ice Mach.	56
57	NAC		20 A	1		500 0		1	20 A	--	SPARE	58
59	Lighting		20 A	1			1455 0	1	20 A	--	SPARE	60
61	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	62
63	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	64
65	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	66
67	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	68
69	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	70
71	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	72
	TOTAL LOAD:				17.5 kVA	16.8 kVA	17.5 kVA					
	TOTAL AMPS:				147 A	140 A	147 A					
	TOTAL ESTIMATED DEMAND AMPS:				144 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 3M

PAYNE ENGINEERING

LOCATION: ELEC 3.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 42k | **PROJECT:** HOTEL
FED FROM: MSB | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 1200 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG/ MODEL: SQ. D/I-LINE | **DIMENSIONS:** 44"W x 11.5"D x **"H | **FEED:** BOTTOM

NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1					18060 17694							2
3	PANEL 3A		200 A	3		16254 17694		3	200 A		PANEL 4A	4
5							16254 15888					6
7					16383 20562							8
9	PANEL 3B		200 A	3		17233 21332		3	200 A		PANEL 4B	10
11							15348 18927					12
13					13584 19181							14
15	PANEL 3C		200 A	3		12445 17895		3	200 A		PANEL 4C	16
17							12500 18843					18
19					16139 0							20
21	HVAC DH-1A		175 A	3		16139 0		3	100 A	--	SPARE	22
23							16139 0					24
	TOTAL LOAD:				121.6 kVA	119.0 kVA	113.9 kVA					
	TOTAL AMPS:				1020 A	998 A	949 A					

PANEL LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	EST. DEMAND	PANEL TOTALS	
HVAC	79081 VA	100.00%	79081 VA		
Lighting	3800 VA	100.00%	3800 VA	**TOTAL CONN. LOAD:**	354415 VA
Motor	5040 VA	104.29%	5256 VA	**TOTAL EST. DEMAND:**	354631 VA
Other	1000 VA	100.00%	1000 VA	**TOTAL CONN. AMPS.:**	984 A
Receptacle	7200 VA	100.00%	7200 VA	**TOTAL EST. DEMAND AMPS:**	984 A
PTAC	202384 VA	100.00%	202384 VA		
Elec. Heating	6000 VA	100.00%	6000 VA		
Hotel Guest Suite	50500 VA	100.00%	50500 VA		

BRK NOTES:
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S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

DATE 06/16/2022 — REVISION #5 - ADDENDUM #5

A NEW HOTEL:
HOTEL
TWIN FALLS, ID
ELECTRICAL SCHEDULES

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
(208) 736-8050 Fax: (208) 733-0950

DATE: 5/6/2022
BP Drawn | SAM Checked

E5.1

PROFESSIONAL ENGINEER REGISTERED 13053 5/6/22 STATE OF IDAHO SHAWN A. MEADOR

P.E. #2215
PAYNE Engineering Inc. Consulting Engineers
1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.payneengineeringinc.com

PANEL: 3A

PAYNE ENGINEERING

LOCATION: ELEC 3.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: 3M | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM
NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Hotel Guest Suite 322	A	20 A	1	350 1456			2	20 A		PTAC 322	2
3	Hotel Guest Suite 322	A	20 A	1		350 1456						4
5	Hotel Guest Suite 324	A	20 A	1			350 1456	2	20 A		PTAC 324	6
7	Hotel Guest Suite 324	A	20 A	1	350 1456							8
9	Hotel Guest Suite 326	A	20 A	1		350 1456		2	20 A		PTAC 326	10
11	Hotel Guest Suite 326	A	20 A	1			350 1456					12
13	Hotel Guest Suite 328	A	20 A	1	350 1456			2	20 A		PTAC 328	14
15	Hotel Guest Suite 328	A	20 A	1		350 1456						16
17	Hotel Guest Suite 330	A	20 A	1			350 1456	2	20 A		PTAC 330	18
19	Hotel Guest Suite 330	A	20 A	1	350 1456							20
21	Hotel Guest Suite 321	A	20 A	1		350 1456		2	20 A		PTAC 321	22
23	Hotel Guest Suite 321	A	20 A	1			350 1456					24
25	Hotel Guest Suite 323	A	20 A	1	350 1456			2	20 A		PTAC 323	26
27	Hotel Guest Suite 323	A	20 A	1		350 1456						28
29	Hotel Guest Suite 325	A	20 A	1			350 1456	2	20 A		PTAC 325	30
31	Hotel Guest Suite 325	A	20 A	1	350 1456							32
33	Hotel Guest Suite 327	A	20 A	1		350 1456		2	20 A		PTAC 327	34
35	Hotel Guest Suite 327	A	20 A	1			350 1456					36
37	Hotel Guest Suite 329	A	20 A	1	350 1456			2	20 A		PTAC 329	38
39	Hotel Guest Suite 329	A	20 A	1		350 1456						40
41	Hotel Guest Suite 331	A	20 A	1			350 1456	2	20 A		PTAC 331	42
43	Hotel Guest Suite 331	A	20 A	1	350 1456							44
45	Hotel Guest Suite 333	A	20 A	1		350 1456		2	20 A		PTAC 333	46
47	Hotel Guest Suite 333	A	20 A	1			350 1456					48
49	Hotel Guest Suite 335	A	20 A	1	350 1456			2	20 A		PTAC 335	50
51	Hotel Guest Suite 335	A	20 A	1		350 1456						52
53	Hotel Guest Suite 332	A	20 A	1			350 1456	2	20 A		PTAC 332	54
55	Hotel Guest Suite 332	A	20 A	1	350 1456							56
57	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	58
59	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	60
61	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	62
63	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	64
65	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	66
67	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	68
69	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	70
71	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	72
	TOTAL LOAD:				18.1 kVA	16.3 kVA	16.3 kVA					
	TOTAL AMPS:				151 A	135 A	135 A					
	TOTAL ESTIMATED DEMAND AMPS:				140 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 3C

PAYNE ENGINEERING

LOCATION: ELEC 3.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: 3M | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM
NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Hotel Guest Suite 309	A	20 A	1	350 1456			2	20 A		PTAC 309	2
3	Hotel Guest Suite 309	A	20 A	1		350 1456						4
5	Hotel Guest Suite 307	A	20 A	1			550 1456	2	20 A		PTAC 307	6
7	Hotel Guest Suite 307	A	20 A	1	350 1456							8
9	Hotel Guest Suite 305	A	20 A	1		350 1456		2	20 A		PTAC 305	10
11	Hotel Guest Suite 305	A	20 A	1			350 1456					12
13	Hotel Guest Suite 303	A	20 A	1	350 1456			2	20 A		PTAC 303	14
15	Hotel Guest Suite 303	A	20 A	1		350 1456						16
17	Hotel Guest Suite 301	A	20 A	1			550 1976	2	30 A		PTAC 301	18
19	Hotel Guest Suite 301	A	20 A	1	550 1976							20
21	Hotel Guest Suite 302	A	20 A	1		550 1976		2	30 A		PTAC 302	22
23	Hotel Guest Suite 302	A	20 A	1			550 1976					24
25	Hotel Guest Suite 304	A	20 A	1	350 1456			2	20 A		PTAC 304	26
27	Hotel Guest Suite 304	A	20 A	1		350 1456						28
29	Hotel Guest Suite 306	A	20 A	1			350 1456	2	20 A		PTAC 306	30
31	Hotel Guest Suite 306	A	20 A	1	350 1456							32
33	SPARE	--	20 A	1		0 2000		1	25 A		Elec. Heating	34
35	SPARE	--	20 A	1			0 2000	1	25 A		Elec. Heating	36
37	SPARE	--	20 A	1	0 2000			1	25 A		Elec. Heating	38
39	SPARE	--	20 A	1		0 864		1	20 A		EF-9	40
41	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	42
	TOTAL LOAD:				13.6 kVA	12.4 kVA	12.5 kVA					
	TOTAL AMPS:				113 A	104 A	104 A					
	TOTAL ESTIMATED DEMAND AMPS:				108 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 4B

PAYNE ENGINEERING

LOCATION: ELEC 4.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: 3M | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM
NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Hotel Guest Suite 411	A	20 A	1	350 1456			2	20 A		PTAC 411	2
3	Hotel Guest Suite 411	A	20 A	1		350 1456						4
5	Hotel Guest Suite 413	A	20 A	1			350 1456	2	20 A		PTAC 413	6
7	Hotel Guest Suite 413	A	20 A	1	350 1456							8
9	Hotel Guest Suite 415	A	20 A	1		350 1456		2	20 A		PTAC 415	10
11	Hotel Guest Suite 415	A	20 A	1			350 1456					12
13	Hotel Guest Suite 417	A	20 A	1	350 1456			2	20 A		PTAC 417	14
15	Hotel Guest Suite 417	A	20 A	1		350 1456						16
17	Hotel Guest Suite 419	A	20 A	1			350 1456	2	20 A		PTAC 419	18
19	Hotel Guest Suite 419	A	20 A	1	350 1456							20
21	Hotel Guest Suite 408	A	20 A	1		350 1456		2	20 A		PTAC 408	22
23	Hotel Guest Suite 408	A	20 A	1			350 1456					24
25	Hotel Guest Suite 410	A	20 A	1	350 1456			2	20 A		PTAC 410	26
27	Hotel Guest Suite 410	A	20 A	1		350 1456						28
29	Hotel Guest Suite 412	A	20 A	1			350 1456	2	20 A		PTAC 412	30
31	Hotel Guest Suite 412	A	20 A	1	350 1456							32
33	Hotel Guest Suite 414	A	20 A	1		350 1456		2	20 A		PTAC 414	34
35	Hotel Guest Suite 414	A	20 A	1			350 1456					36
37	Hotel Guest Suite 416	A	20 A	1	350 1456			2	20 A		PTAC 416	38
39	Hotel Guest Suite 416	A	20 A	1		350 1456						40
41	Hotel Guest Suite 418	A	20 A	1			350 1456	2	20 A		PTAC 418	42
43	Hotel Guest Suite 418	A	20 A	1	350 1456							44
45	Hotel Guest Suite 420	A	20 A	1		350 1456		2	20 A		PTAC 420	46
47	Hotel Guest Suite 420	A	20 A	1			350 1456					48
49	Lighting		20 A	1	955 500			1	20 A		NAC	50
51	Lighting		20 A	1		965 1260		1	20 A		Receptacle	52
53	SPARE	--	20 A	1			0 540	1	20 A		Receptacle	54
55	SPARE	--	20 A	1	0 720			1	20 A		Receptacle	56
57	SPARE	--	20 A	1		0 720		1	20 A		Receptacle - Ice Mach.	58
59	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	60
61	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	62
63	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	64
65	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	66
67	SPARE	--	20 A	1	0 3939							68
69	SPARE	--	20 A	1		0 3939		3	60 A		HVAC OU-1	70
71	SPARE	--	20 A	1			0 3939					72
	TOTAL LOAD:				20.6 kVA	21.3 kVA	18.9 kVA					
	TOTAL AMPS:				173 A	180 A	158 A					
	TOTAL ESTIMATED DEMAND AMPS:				169 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 3B

PAYNE ENGINEERING

LOCATION: ELEC 3.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: 3M | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM
NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Hotel Guest Suite 311	A	20 A	1	350 1456			2	20 A		PTAC 311	2
3	Hotel Guest Suite 311	A	20 A	1		350 1456						4
5	Hotel Guest Suite 313	A	20 A	1			350 1456	2	20 A		PTAC 313	6
7	Hotel Guest Suite 313	A	20 A	1	350 1456							8
9	Hotel Guest Suite 315	A	20 A	1		350 1456		2	20 A		PTAC 315	10
11	Hotel Guest Suite 315	A	20 A	1			350 1456					12
13	Hotel Guest Suite 317	A	20 A	1	350 1456			2	20 A		PTAC 317	14
15	Hotel Guest Suite 317	A	20 A	1		350 1456						16
17	Hotel Guest Suite 319	A	20 A	1			350 1456	2	20 A		PTAC 319	18
19	Hotel Guest Suite 319	A	20 A	1	350 1456							20
21	Hotel Guest Suite 308	A	20 A	1		350 1456		2	20 A		PTAC 308	22
23	Hotel Guest Suite 308	A	20 A	1			350 1456					24
25	Hotel Guest Suite 310	A	20 A	1	350 1456			2	20 A		PTAC 310	26
27	Hotel Guest Suite 310	A	20 A	1		350 1456						28
29	Hotel Guest Suite 312	A	20 A	1			350 1456	2	20 A		PTAC 312	30
31	Hotel Guest Suite 312	A	20 A	1	350 1456							32
33	Hotel Guest Suite 314	A	20 A	1		350 1456		2	20 A		PTAC 314	34
35	Hotel Guest Suite 314	A	20 A	1			350 1456					36
37	Hotel Guest Suite 316	A	20 A	1	350 1456			2	20 A		PTAC 316	38
39	Hotel Guest Suite 316	A	20 A	1		350 1456						40
41	Hotel Guest Suite 318	A	20 A	1			350 1456	2	20 A		PTAC 318	42
43	Hotel Guest Suite 318	A	20 A	1	350 1456							44
45	Hotel Guest Suite 320	A	20 A	1		350 1456		2	20 A		PTAC 320	46
47	Hotel Guest Suite 320	A	20 A	1			350 1456					48
49	Lighting		20 A	1	695 500			1	20 A		NAC	50
51	Lighting		20 A	1		985 1080		1	20 A		Receptacle	52
53	SPARE	--	20 A	1			0 900	1	20 A		Receptacle	54
55	SPARE	--	20 A	1	0 540			1	20 A		Receptacle	56
57	SPARE	--	20 A	1		0 720		1	20 A		Receptacle - Ice Mach.	58
59	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	60
61	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	62
63	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	64
65	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	66
67	SPARE	--	20 A	1	0 0			1	20 A	--	SPARE	68
69	SPARE	--	20 A	1		0 0		1	20 A	--	SPARE	70
71	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	72
	TOTAL LOAD:				16.4 kVA	17.2 kVA	15.3 kVA					
	TOTAL AMPS:				138 A	145 A	128 A					
	TOTAL ESTIMATED DEMAND AMPS:				136 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 4A

PAYNE ENGINEERING

LOCATION: ELEC 4.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: 3M | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM
NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Hotel Guest Suite 422	A	20 A	1	350 1456			2	20 A		PTAC 422	2
3	Hotel Guest Suite 422	A	20 A	1		350 1456						4
5	Hotel Guest Suite 424	A	20 A	1			350 1456	2	20 A		PTAC 424	6
7	Hotel Guest Suite 424	A	20 A	1	350 1456							8
9	Hotel Guest Suite 426	A	20 A	1		350 1456		2	20 A		PTAC 426	10
11	Hotel Guest Suite 426	A	20 A	1			350 1456					12
13	Hotel Guest Suite 428	A	20 A	1	350 1456			2	20 A		PTAC 428	14
15	Hotel Guest Suite 428	A	20 A	1		350 1456						16
17	Hotel Guest Suite 430	A	20 A	1			350 1456	2	20 A		PTAC 430	18
19	Hotel Guest Suite 430	A	20 A	1	350 1456							20
21	Hotel Guest Suite 432	A	20 A	1		350 1456		2	20 A		PTAC 432	22
23	Hotel Guest Suite 432	A	20 A	1			350 1456					24
25	Hotel Guest Suite 421	A	20 A	1	350 1456			2	20 A		PTAC 421	26
27	Hotel Guest Suite 421	A	20 A	1		350 1456						28
29	Hotel Guest Suite 423	A	20 A	1			350 1456	2	20 A		PTAC 423	30
31	Hotel Guest Suite 423	A	20 A	1	350 1456							32
33	Hotel Guest Suite 425	A	20 A	1		350 1456		2	20 A		PTAC 425	34
35	Hotel Guest Suite 425	A	20 A	1			350 1456					36
37	Hotel Guest Suite 427	A	20 A	1	350 1456			2	20 A		PTAC 427	38
39	Hotel Guest Suite 427	A	20 A	1		350 1456						40
41	Hotel Guest Suite 429	A	20 A	1			550 1976	2	30 A		PTAC 429	42
43	Hotel Guest Suite 429	A	20 A	1	350 1976							44
45	Hotel Guest Suite 431	A	20 A	1		550 1976		2	30 A		PTAC 431	46
47	Hotel Guest Suite 431	A	20 A	1			550 1976					48
49	Hotel Guest Suite 433	A	20 A	1	350 1976			2	30 A		PTAC 433	50
51	Hotel Guest Suite 433	A	20 A	1		550 1976						52
53	SPARE	--	20 A	1			0 0	1	20 A	--	SPARE	54
	TOTAL LOAD:				17.7 kVA	17.7 kVA	15.9 kVA					
	TOTAL AMPS:				150 A	150 A	132 A					
	TOTAL ESTIMATED DEMAND AMPS:				142 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

PANEL: 4C

PAYNE ENGINEERING

LOCATION: ELEC 4.2 | **VOLTAGE:** 120/208 Wye | **A.I.C. RATING:** 22k | **PROJECT:** HOTEL
FED FROM: 3M | **PHASES:** 3 | **PANEL TYPE:** MLO
MOUNTING: SURFACE | **WIRES:** 4 | **PANEL AMPS:** 225 A
ENCLOSURE: NEMA 1 | **BUSSING:** SEE SPEC'S | **MBR AMPS:** N/A
MFG & MODEL: SQ. D/NQ SERIES | **DIMENSIONS:** 20"W x 5.8"D x **"H | **FEED:** BOTTOM
NOTES:

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Hotel Guest Suite 409	A	20 A	1	350 1456			2	20 A		PTAC 409	2
3	Hotel Guest Suite 409	A	20 A	1		350 1456						4
5	Hotel Guest Suite 407	A	20 A	1			550 1456	2	20 A		PTAC 407	6
7	Hotel Guest Suite 407	A	20 A	1	550 1456							8
9	Hotel Guest Suite 405	A	20 A	1		350 1456		2	20 A		PTAC 405	10
11	Hotel Guest Suite 405	A	20 A	1			350 1456					12
13	Hotel Guest Suite 403	A	20 A	1	350 1456			2	20 A		PTAC 403	14
15	Hotel Guest Suite 403	A	20 A	1		350 1456						16
17	Hotel Guest Suite 401	A	20 A	1			550 1976	2	30 A		PTAC 401	18
19	Hotel Guest Suite 401	A	20 A	1	550 1976							20
21	Hotel Guest Suite 402	A	20 A	1		550 1976		2	30 A		PTAC 402	22
23	Hotel Guest Suite 402	A	20 A	1			550 1976					24
25	Hotel Guest Suite 404	A	20 A	1	350 1456			2	20 A		PTAC 404	26
27	Hotel Guest Suite 404	A	20 A	1		350 1456						28
29	Hotel Guest Suite 406	A	20 A	1			350 1456	2	20 A		PTAC 406	30
31	Hotel Guest Suite 406	A	20 A	1	350 1456							32
33	Roof EF		20 A	1		1392 0		1	20 A	--	SPARE	34
35	Roof EF		20 A	1			1392 0	1	20 A	--	SPARE	36
37	Roof EF		20 A	1	1392 0			1	20 A	--	SPARE	38
39	Receptacle - Rooftop		20 A	1		720 0		1	20 A	--	SPARE	40
41	HVAC RM 205		15 A	2			749 0	1	20 A	--	SPARE	42
43					749 0			1	20 A	--	SPARE	44
45	HVAC RM 207		15 A	2		749 0		1	20 A	--	SPARE	46
47							749 0	1	20 A	--	SPARE	48
49					3939 1345							50
51	HVAC RT-1		50 A	3		3939 1345		3	20 A		HVAC DH-1B	52
53							3939 1345					54
	TOTAL LOAD:				19.2 kVA	17.9 kVA	18.8 kVA					
	TOTAL AMPS:				161 A	149 A	158 A					
	TOTAL ESTIMATED DEMAND AMPS:				156 A							

BRK NOTES:
A = ARC-FAULT BREAKER | GP = GFEPD BREAKER | LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER | G = GFCI BREAKER | R = RED HANDLED, LOCK-OUT TYPE

DATE 06/16/2022 REVISION #5 - ADDENDUM #5

A NEW HOTEL:
HOTEL
TWIN FALLS, ID
ELECTRICAL SCHEDULES

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
(208) 736-8050 Fax: (208) 733-0950

PROFESSIONAL ENGINEER REGISTERED 13053 5/6/22 STATE OF IDAHO SHAWN A. MEADOR
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PAYNE Engineering Inc. Consulting Engineers
1823 E. Center
Pocatello, Idaho 83201
tel (208) 232-4439
www.paynengineeringinc.com

DATE: 5/6/2022
BP Drawn | SAM Checked

E5.2

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	VOLTS	WATTS	LUMENS	COLOR TEMP.(K)	MFGR.	CATALOG #	NOTES
EXTERIOR									
FE1	AREA POLE LIGHT, SINGLE-HEAD, TYPE 3 DIST.	POLE (SEE DETAIL)	MULTI-TAP	120 W	17,000	4000	LITHONIA	RSX2 LED - P2	
FE2	6" ROUND RECESSED LED CAN, 0-10V DIMMING	RECESSED	120-277	40 W	2000	4000	LITHONIA	LDN6-40/20-LO6AR-LSS-MVOLT-EZ10	
FE3	EXTERIOR LED WALL PACK	WALL	120-277	30 W	4000	4000	LITHONIA	ARC2 LED-P4-40K-MVOLT-FAO-SCBO	3
FE3E	EXTERIOR LED WALL PACK, EMERG. BATTERY PACK	WALL	120-277	30 W	4000	4000	LITHONIA	ARC2 LED-P4-40K-MVOLT-E8WC-FAO-SCBO	3
FE4	EXTERIOR LED WALL CYLINDER 30 DEG. UP/DOWN DIST. IP66 RATED	WALL	120	50 W	5087	4000	LUMINIS LTG	SY602-L2L25-R30-120-SCBA	3
FE5	EXTERIOR LED WALL CYLINDER,30 DEG. UP ONLY DIST. IP66 RATED	WALL	120	30 W	2543	4000	LUMINIS LTG	SY600-L1L25-R30-120-SCBA	3
INTERIOR									
F1	4FT LED STRIP, 0-10V DIMMING	SURFACE	120-277	30 W	4000	4000	LITHONIA	CLX-L48-4000LM-SEF-RDL-MVOLT-GZ10-40K-80CRI	
F1E	4FT LED STRIP, 0-10V DIMMING	SURFACE	120-277	30 W	4000	4000	LITHONIA	CLX-L48-4000LM-SEF-RDL-MVOLT-GZ10-40K-80CRI-PS1050	
F2	4FT LED WRAPAROUND	SURFACE	120	40 W	4000	4000	LITHONIA	BLWP4-40L-ADSM-EZ1-LP840	1
F3	2X2 LAY-IN LED, 0-10V DIMMING	RECESSED	120-277	40 W	HIGH	4000	LITHONIA	CPX 2X2-AL07-SWW7-M4	1
F3E	2X2 LAY-IN LED,0-10V DIMMING, EMERG. BATTERY PACK	RECESSED	120-277	40 W	HIGH	4000	LITHONIA	CPX 2X2-AL07-SWW7-IE10WCP	1
F4	4FT LED VAPOR-TIGHT WET LOCATION STRIP	SURFACE	120-277	40 W	4000	4000	LITHONIA	CSVT-L48-AL03-MVOLT-SWW3-80CRI	
F4E	4FT LED VAPOR-TIGHT WET LOCATION STRIP, EMERG. BATTERY PACK	SURFACE	120-277	40 W	4000	4000	LITHONIA	CSVT-L48-AL03-MVOLT-SWW3-80CRI-IE7WCP	
F5	4" ROUND RECESSED LED CAN, 0-10V DIMMING, FIELD SELECTABLE LUMENS/CCT	RECESSED	120-277	25 W	1500	PER OWNER	LITHONIA	LDN4-ALO2-SWW1-LO4AR-LSS-MVOLT-UGZ	1
F5E	4" ROUND RECESSED LED CAN, 0-10V DIMMING, FIELD SELECTABLE LUMENS/CCT, EMERG. BATTERY PACK	RECESSED	120-277	25 W	1500	PER OWNER	LITHONIA	LDN4-ALO2-SWW1-LO4AR-LSS-MVOLT-UGZ-ELR	1
F6E	8FT LED WRAPAROUND, 0-10V DIMMING, W/ EMERG. BATTERY PACK	SURFACE	120-277	85 W	10,000	4000	LITHONIA	BLWP8-100L-ADSM-EZ1-LP840-EL14L	
F7	ROUND PENDANT LED, AIRCRAFT CABLE SUSPTENSION, IP66 RATED	PENDANT	120-277	110 W	13,000	4000	LITHONIA	VCVL LED-V4-P6-40K-80CRI-T5W-MVOLT-AC6-SCBA	3
F8	FLEXIBLE LINEAR LED LIGHT	RECPT. COUNTER	24VDC	1 W	55LM/FT	4000	QTRAN LED	FLQ-SW-S-40-VB-90-1.4-IM-**-**-IM-**-**-PER DWGS; POWER SUPPLY: QZ-30W-UNV-24V-PH/010-WH	7
F9	2FT LED VAPOR-TIGHT WET LOCATION STRIP	SURFACE	120-277	20 W	3000	4000	LITHONIA	FEM-L24-3000LM-LPPCL-MD-MVOLT-GZ10-40K-80CRI	
LIFE SAFETY									
FX1	EXIT SIGN W/ 90MIN BATTERY,BRUSHED ALUMINUM, GREEN LED	WALL/CEILING	120-277	2 W	N/A	N/A	ISOLITE LTG	LPDC-EM-G-(PER DWGS)-BA-WH-MTEB-SD	
FX1M	EXIT SIGN W/ 90MIN BATTERY,BRUSHED ALUMINUM, GREEN LED (MASTER)	WALL/CEILING	120-277	2 W	N/A	N/A	ISOLITE LTG	LPDCMR-EM-G-(PER DWGS)-BA-WH-MTEB-SD	
FX1R	RECESSED REMOTE POWERED EXIT SIGN, VANDAL RESISTANT,BRUSHED ALUMINUM, GREEN LED, SINGLE FACE (REMOTE)	RECESSED 12" AFF	120-277	2 W	N/A	N/A	ISOLITE LTG	LPDCREM-G-1-BA-WH-MRW-VR	
FX2	WET LOCATION EXIT SIGN/EM LIGHT COMBO W/ 90MIN BATTERY,THERMOPLASTIC, GREEN LED	WALL OR CEILING	120-277	2 W	N/A	N/A	LITHONIA	WLTC-1-G-SD	
FX3	WALL MOUNTED EXTERIOR EMERGENCY EGRESS LIGHT, W/HEATER	WALL ABOVE DOOR	120-277	35 W	N/A	N/A	LITHONIA	AFF-OEL-SCBA-UVOLT-LTP-SDRT-WT-CW	3
FX4	550W INVERTER, 90 MIN. BATTERY	WALL/FLOOR	120	550 W	N/A	N/A	IOTA	IIS 550 I	
OWNER FURNISHED									
OF1	ROUND SURFACE LIGHT	SURFACE	120	20 W	PER OWNER	PER OWNER	PER OWNER	OWNER FURNISHED / CONTRACTOR INSTALLED	
OF2	ROUND SURFACE LIGHT	SURFACE	120	40 W	PER OWNER	PER OWNER	PER OWNER	OWNER FURNISHED / CONTRACTOR INSTALLED	
OF3	WALL MOUNTED READING LIGHT W/ INTEGRAL SWITCH	WALL	120	10 W	PER OWNER	PER OWNER	PER OWNER	OWNER FURNISHED / CONTRACTOR INSTALLED	
OF4	ILLUMINATED MIRROR	WALL	120	20 W	PER OWNER	PER OWNER	PER OWNER	OWNER FURNISHED / CONTRACTOR INSTALLED	
OF5	LED MONOPOINT PENDANT FIXTURE	PENDANT	120	20 W	PER OWNER	PER OWNER	PER OWNER	OWNER FURNISHED / CONTRACTOR INSTALLED	
OF6	ARCHITECTURAL SCONCE LIGHT	WALL	120-277	20 W	PER OWNER	PER OWNER	PER OWNER	OWNER FURNISHED / CONTRACTOR INSTALLED	
OF7	ROUND SURFACE SHOWER LIGHT, WET LOCATION RATED	SURFACE	120	20 W	PER OWNER	PER OWNER	PER OWNER	OWNER FURNISHED / CONTRACTOR INSTALLED	

3

LIGHT FIXTURE SCHEDULE NOTES:

1. REFER TO DRAWINGS FOR FIXTURES REQUIRED TO HAVE 0-10V OR STEP-LEVEL DIMMING CONTROL. PROVIDE FIXTURE(S) WITH LED DRIVER(S) AND REQUIRED DIMMING/SWITCH-LEG CONDUCTORS BETWEEN SWITCH(ES) AND FIXTURE(S) TO PROVIDE CONTROL AS INDICATED ON DRAWINGS.
2. FIXTURE TO BE CONTINUOUS ROW MOUNTED, LENGTH AS INDICATED ON DRAWINGS. PROVIDE REQUIRED ACCESSORIES/CONNECTORS FOR CONTINUOUS ROW MOUNTING.
3. SCBA - STANDARD COLOR BY ARCHITECT/OWNER (COORDINATE COLOR WITH ARCHITECT/OWNER PRIOR TO ORDERING.)
4. FIELD ADJUST PENDANT LENGTH AS REQUIRED, VERIFY LENGTH WITH COUNTER AS DIRECTED BY ARCHITECT.
5. REFER TO ARCHITECTURAL ELEVATION DRAWINGS FOR PLACEMENT AND MOUNTING HEIGHT OF FIXTURES.
6. PROVIDE AND INSTALL 120V FACTORY APPROVED DIMMER SWITCH FOR TRACK: ACUITY P/N: SYNERGY ISD 400 ELV 120.
7. PROVIDE ALL COMPONENTS FOR COMPLETE INSTALLATION OF FIXTURE, INCLUDING BUT NOT LIMITED TO: END FEEDS, CONNECTORS , POWER SUPPLY AND ETC. PROVIDE CONNECTOR ORIENTATION AS NEEDED FOR INSTALLATION.

GENERAL LIGHTING SCHEDULE NOTES:

- LIGHTING FIXTURES INDICATED IN SCHEDULE ARE BASIS OF DESIGN, ALTERNATE MANUFACTURERS SHALL BE PRE-APPROVED BY ADDENDUM. ALTERNATE MANUCATURERS SHALL SUBMIT PER-APPROVALS TO ENGINEER A MINIMUM OF 10 DAYS PRIOR TO PROJECT BID DATE.

LIGHTING CONTROL/OCCUPANCY SENSOR SCHEDULE

TYPE	DESCRIPTION	MFGR.	CATALOG #	NOTES	APPROVED EQUALS
DIMMER SWITCHES - LINE VOLTAGE					
D1	LINE VOLTAGE 0-10V DIMMER, ON/OFF/DIMMING PUSH-BUTTONS	SENSOR SWITCH	sPODMRA-D-**	2,3,4	
LIGHTING CONTROL PANELS					
LCP	SURFACE MOUNTED, 16-RELAY DIGITAL RELAY PANEL, W/ASTRONOMICAL TIMECLOCK	ACUITY BRANDS	ARP INTENC16 NLT/16SPR/MVOLT/SC/SM/DTC	6	COOPER, WATTSTOPPER, LEVITON
OCC. SENSORS - CEILING (LINE VOLTAGE)					
CD2	DUAL-TECHNOLOGY, LINE VOLTAGE, SMALL MOTION 800W MAX LOAD	SENSOR SWITCH	CMR PDT 9		COOPER, WATTSOPPER, HUBBELL
OCC. SENSORS - CEILING (LOW VOLTAGE)					
CD1	DUAL-TECHNOLOGY, SMALL MOTION 360 DEGREE COVERAGE, LOW VOLTAGE, W/ISOLATED RELAY	SENSOR SWITCH	CM PDT 9 R	1	COOPER, WATTSTOPPER, HUBBELL
CD5	DUAL-TECH HALLWAY SENSOR, LOW VOLTAGE, W/ISOLATED RELAY	SENSOR SWITCH	CM PDT 11 R	1	COOPER, WATTSTOPPER, HUBBELL
OCC. SENSORS - WALL MOUNTED					
WDD	DUAL-TECHNOLOGY, 0-10V DIMMING	SENSOR SWITCH	WSX-PDT-D	2,5	COOPER, WATTSTOPPER, HUBBELL
WP1	PASSIVE-INFRARED, 1-POLE, NEUTRAL REQUIRED	SENSOR SWITCH	WSX-**	2	COOPER, WATTSTOPPER, HUBBELL
SWITCHPODS - LOW VOLTAGE					
SP3	LOW VOLTAGE PUSH-BUTTON SWITCHPOD, 3-WAY CONTROL	SENSOR SWITCH	sPODM-3X-**	2,3,4	COOPER
SP3D	LOW VOLTAGE PUSH-BUTTON SWITCHPOD, 3-WAY CONTROL W/ 0-10V DIMMING	SENSOR SWITCH	sPODM-3X-D**	2,3,4	COOPER

CONTROL & OCCUPANCY SENSOR SCHEDULE NOTES:

1. PROVIDE ADDITIONAL POWER PACKS; SENSOR SWITCH PP20 AS NEED FOR QTY OF OCCUPANCY SENSORS/SWITCHES.
2. DEVICE COLOR SHALL MATCH WIRING DEVICES; REFER TO SPECIFICATIONS.
3. REFER TO MANUFACTURER DOCUMENTATION FOR QTY AND SIZE OF CONDUCTORS BETWEEN LOW VOLTAGE SWITCH, SENSOR(S) AND POWER/RELAY PACKS.
4. PROVIDE SECONDARY RELAY PACK; SENSOR SWITCH SP20 AS NEEDED TO PROVIDE DUAL-LEVEL SWITCHING OF FIXTURES.
5. PROVIDE 0-10V DIMMING CONDUCTORS (GRAY & VIOLET) BETWEEN SWITCH AND LIGHT FIXTURES FOR DIMMING CONTROL.
6. PROGRAM ON/OFF TIMES OF RELAY'S AS DIRECTED BY OWNER. PROVIDE COMMISSIONING AS INDICATED IN GENERAL NOTES BELOW.
7. CUSTOM WALL STATION ENGRAVINGS IS REQUIRED FOR WALL STATION(S) AND SHALL BE SPECIFIED/COORDINATED WITH OWNER AFTER PROGRAMING OF SYSTEM.

GENERAL LIGHTING CONTROL NOTES:

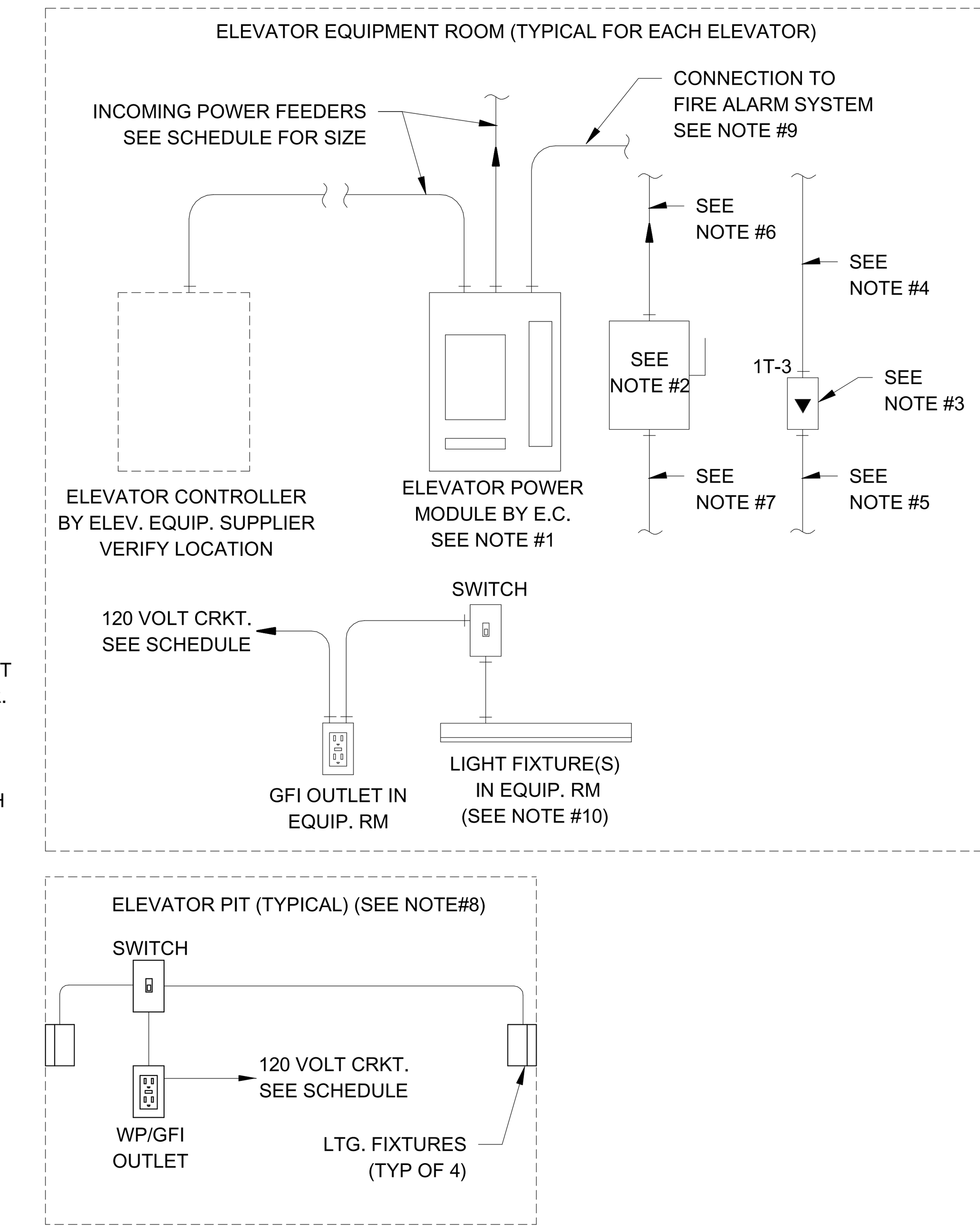
- E.C. SHALL BE RESPONSIBLE FOR THE PROGRAMMING/COMMISSIONING OF THE LIGHTING CONTROL SYSTEMS TO FUNCTION AS INDICATED ON THE DRAWINGS AND SHALL INCLUDE ALL REQUIRED COST IN THE BASE BID. FOR AREAS WITH DAYLIGHTING CONTROL, THE DAYLIGHTING SET-POINTS SHALL BE COORDINATED WITH THE OWNER FOR EACH AREA PRIOR TO FINAL PROGRAMMING OF THE DAYLIGHTING SENSOR(S). ALL PROGRAMMING/COMMISSIONING SHALL BE DONE BY A FACTORY CERTIFIED OR TRAINED PERSON.
- LIGHTING IS SPACES WITH WIRELESS CONTROLS SHALL BE FIELD TUNED TO FOOTCANDLE LEVELS THAT ARE SATISFACTORY TO THE OWNER DURING PROGRAMMING AND COMMISSIONING OF THE WIRELESS CONTROL SYSTEM.

ELEVATOR GENERAL NOTES:

A. CONTRACTOR SHALL OBTAIN EXACT FUSE/CIRCUIT SIZE REQUIRED BY THE ELEVATOR EQUIPMENT SUPPLIER PRIOR TO ANY ROUGH-IN.
B. PRIOR TO ROUGH-IN OR MOUNTING OF EQUIPMENT IN THE ELEVATOR EQUIPMENT ROOM, COORDINATE WITH THE ELEVATOR EQUIPMENT SUPPLIER FOR PLACEMENT OF ALL PANELS, ETC. TO INSURE PROPER WORKING CLEARANCES.
C. ONLY EQUIPMENT ASSOCIATED TO THE ELEVATOR SHALL BE ALLOWED TO BE INSTALLED IN THE ELEV. EQUIP. ROOM WITH THE EXCEPTION OF ANY SPECIAL CODE REQUIRED SYSTEMS SUCH AS FIRE ALARM.
D. ALL ELECTRICAL REQUIREMENTS FOR THE ELEVATOR SHALL COMPLY WITH NEC SECTION 620.

ELEVATOR NOTES:

1. BUSSMAN ELEVATOR POWER MODULE (SEE SCHEDULE). MOUNT ADJACENT TO ELEVATOR CONTROLLER EQUIPMENT.
2. 30A/2P FUSED, GENERAL-DUTY SAFETY SWITCH WITH LOCKOUT CAPABILITY. DISCONNECT IS FOR ELEVATOR CAR LIGHTS, CONTROLS, OUTLETS, VENT POWER AND ETC. FOR ELEVATOR CAR. SEE NEC 620 FOR INFORMATION.
3. TELEPHONE OUTLET OR JUNCTION POINT IN EQUIPMENT RM, VERIFY LOCATION.
4. 3/4" CONDUIT TO MAIN TELEPHONE BOARD/CABINET IN BUILDING; SEE PLANS FOR LOCATION. PROVIDE PULL CORD OR CABLE AS SPECIFIED ON DRAWINGS.
5. 3/4" CONDUIT CONNECTION TO ELEVATOR CAR EMERGENCY PHONE. VERIFY CONNECTION POINT WITH EQUIPMENT.
6. DEDICATED 120V CIRCUIT FOR ELEVATOR CAR LIGHTS. UTILIZE EMERG. POWER CIRCUIT WHEN AN EMERG. GENERATOR IS INSTALLED. SEE POWER PLAN FOR CIRCUIT NUMBER.
7. CONNECTION TO ELEVATOR CAR LIGHTS, VERIFY EXACT CONNECTION POINT WITH ELEVATOR EQUIPMENT.
8. PROVIDE A GFCI RECEPTACLE, LIGHT FIXTURES AND SWITCH IN ELEVATOR PIT. VERIFY EXACT PLACEMENT WITH ELEVATOR INSTALLER. LOCATE SWITCH AT PIT ACCESS SUCH THAT LIGHTS MAY BE SWITCHED WITHOUT ENTERING PIT. LIGHT FIXTURES SHALL BE LITHONIA# DMW2-L24-3000LM-PFL-WD-MVOLT-40K-80CRI. PROVIDE (4) FIXTURES ON OPPOSITE WALLS OF PIT. MINIMUM FC IN PIT TO BE NOT LESS THAN 10FC.
9. PROVIDE FIRE ALARM SYSTEM CONNECTION/MONITORING OF THE SHUNT TRIP VOLTAGE, ELEVATOR RECALL, FIREMANS HAT, AND ETC PER NFPA 72.
10. PROVIDE AND INSTALL (2) SURFACE/PENDANT LIGHT FIXTURES IN EQUIPMENT ROOM; LITHONIA# CLX-L48-5000LM-SEF-FDL-MVOLT-GZ10-40K-80CRI-WH-ZACVH OR EQUAL. CONNECT FIXTURE(S) TO EQUIPMENT ROOM CIRCUIT.

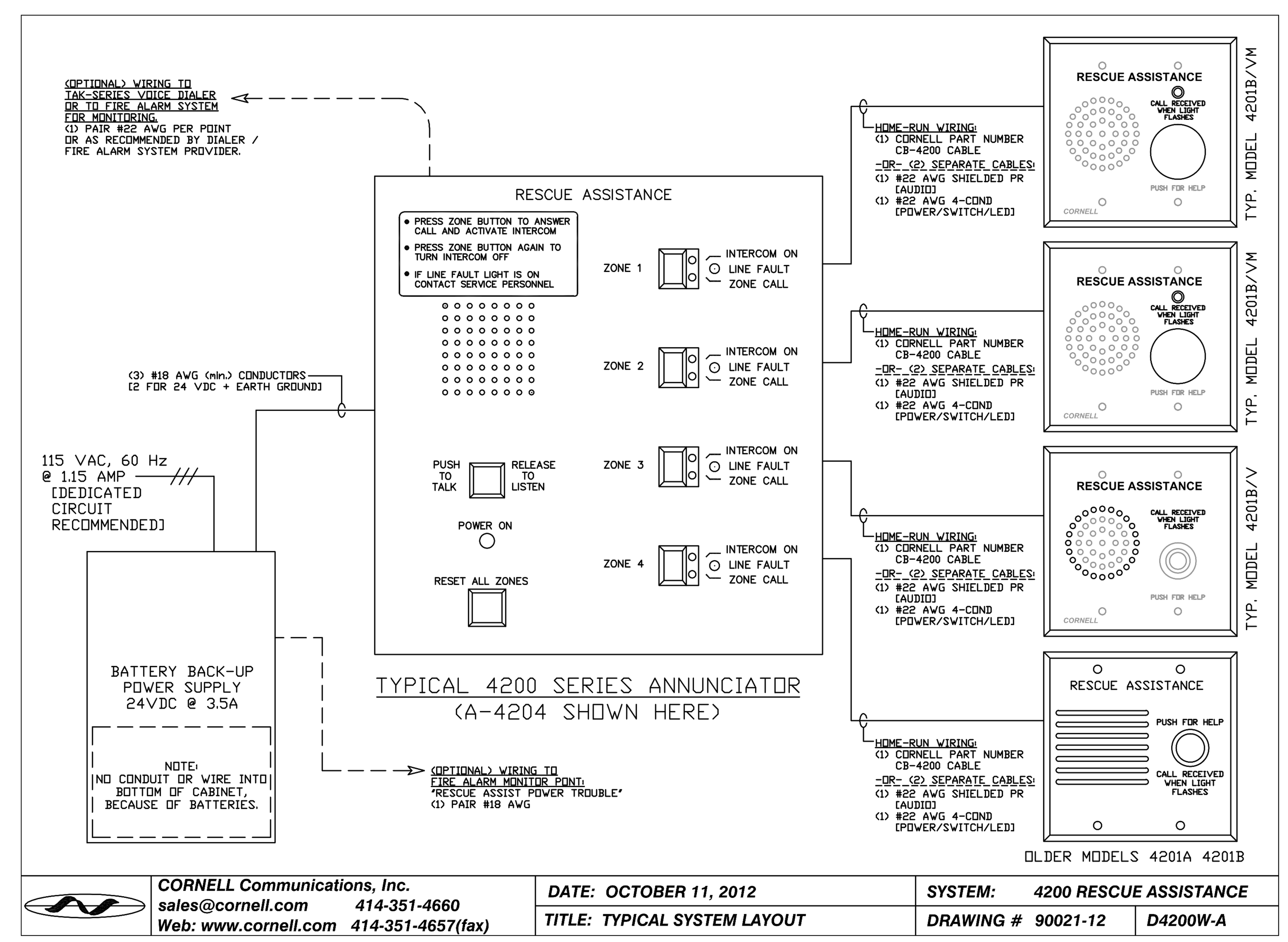


ELEVATOR SCHEDULE

ELEV. ID.	VOLTS/ PHASE	HP	FLA	BUSSMAN POWER MODULE #	PIT CIRCUIT	EQUIP. ROOM LTG/RECPT. CIRCUIT	CAR LIGHT CIRCUIT	ELEVATOR CIRCUIT	DUAL ELEMENT FUSE SIZE	ELEVATOR FEEDER SIZE
A	208/3	40	125	PS-4-T20-R1-K-G-N4-B-F3	1B-2	1B-4	1B-6	MSB-6	175 AMP	2"C.,3#3/0 + 1#6G
B	208/3	40	125	PS-4-T20-R1-K-G-N4-B-F3	1B-2	1B-4	1B-8	MSB-7	175 AMP	2"C.,3#3/0 + 1#6G

A ELEVATOR CONNECTION DETAIL

SCALE: NONE



B TWO-WAY EMERGENCY COMMUNICATION TYP. SYSTEM LAYOUT

SCALE: NONE

PROFESSIONAL ENGINEER REGISTERED 13053 5/6/22 STATE OF IDAHO SHAWN A. MEADOR

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architecture/planning
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A NEW HOTEL:
HOTEL
TWIN FALLS, ID
ELECTRICAL SCHEDULES & DETAILS

DATE	
06/16/2022	REVISION #3 - ADDENDUM #3

DATE: 5/6/2022

BP (Drawn) SAM (Checked)

E5.3

STRUCTURAL NOTES :

A. GENERAL

1. THE STRUCTURAL NOTES ARE INTENDED TO COMPLEMENT THE PROJECT SPECIFICATIONS WHICH ARE PART OF THE CONSTRUCTION DOCUMENTS. SPECIFIC NOTES AND DETAILS ON THE DRAWINGS SHALL GOVERN OVER THE STRUCTURAL NOTES AND TYPICAL DETAILS.
2. THESE DRAWINGS (AND, WHERE APPLICABLE, ACCOMPANYING WRITTEN SPECIFICATIONS) ARE THE ONLY CONTRACT DOCUMENTS PROVIDED BY ARW ENGINEERS FOR THE PROJECT REPRESENTED HEREIN. NOTHING IN ANY DIGITAL MODEL OR DIGITAL FILE RELATED TO THIS PROJECT SHALL BE TAKEN TO SUPERSEDE ANY INFORMATION SHOWN IN THESE DRAWINGS (INCLUDING, BUT NOT LIMITED TO, DIMENSIONS, SIZES, ETC).
3. THE ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. THE STRUCTURAL DRAWINGS ARE SUPPLEMENTARY TO AND MUST BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND OTHER CONSULTANTS DRAWINGS. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND STRUCTURAL ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN CASE OF CONFLICT, FOLLOW THE MOST STRINGENT REQUIREMENT AS DIRECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
4. SEE SPECIFICATIONS FOR REQUIRED SUBMITTALS. SUBMITTALS SHALL BE MADE IN A TIMELY MANNER AS INDICATED IN SPECIFICATIONS. REVIEW OF SUBMITTALS BY ARW ENGINEERS IS FOR GENERAL COMPLIANCE ONLY AND IS NOT INTENDED AS APPROVAL. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SIZES, DIMENSIONS, AND ELEVATIONS ON SUBMITTALS AS RELATED TO DESIGN DOCUMENTS. PREPARATION OF SHOP DRAWINGS FOR STRUCTURAL ELEMENTS WILL REQUIRE INFORMATION (I.E. DIMENSIONS, ETC.) FOUND IN THE ARCHITECTURAL, STRUCTURAL, AND OTHER CONSULTANTS DRAWINGS.
5. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE. IF ACTUAL CONDITIONS DIFFER FROM THOSE SHOWN ON CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO FABRICATION OR CONSTRUCTION OF ANY AFFECTED ELEMENTS.
6. THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL LOCATIONS AND SIZES OF MECHANICAL EQUIPMENT OR OTHER EQUIPMENT BEFORE FABRICATING AND ERECTING STRUCTURAL ELEMENTS. SIZES AND LOCATIONS THAT DIFFER FROM THOSE SHOWN ON THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT.
7. THE CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST TO THE ARCHITECT FOR ARCHITECT AND/OR ENGINEER APPROVAL BEFORE PROCEEDING WITH ANY CHANGES, MODIFICATIONS, OR SUBSTITUTIONS.
8. OBSERVATION VISITS TO THE SITE BY ARW ENGINEERS FIELD REPRESENTATIVES SHALL NEITHER BE CONSTRUED AS INSPECTION NOR APPROVAL OF CONSTRUCTION.
9. DURING AND AFTER CONSTRUCTION, BUILDER AND/OR OWNER SHALL KEEP LOADS ON STRUCTURE WITHIN THE LIMITS OF DESIGN LOADS AS NOTED IN THESE DOCUMENTS.
10. TYPICAL OR SIMILAR DETAILS AND SECTIONS SHALL APPLY WHERE SPECIFIC DETAILS ARE NOT SHOWN. TYPICAL OR SIMILAR DETAILS REFER TO THE CONDITION ADDRESSED AND ARE NOT NECESSARILY DETAILS LABELED "TYPICAL" OR "SIMILAR" IN THE PLANS AND DOCUMENTS.
11. DRAWINGS AND DETAILS HAVE BEEN PREPARED WITH THE INTENT TO VISUALLY REPRESENT INFORMATION PROVIDED IN SCALED FORM; HOWEVER CONTRACTOR/SUPPLIERS SHOULD NOT SCALE PLANS OR DETAILS FOR DIMENSIONAL INFORMATION.
12. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY SHORING AND BRACING FOR ALL STRUCTURAL ELEMENTS UNTIL THE ENTIRE STRUCTURAL SYSTEM IS COMPLETED. DESIGN OF ALL SHORING AND BRACING IS BY OTHERS AT NO ADDITIONAL COST TO THE OWNER.
13. ENGINEER SHALL NOT BE RESPONSIBLE FOR ACTIVITIES UNDER CONTROL OF THE CONTRACTOR SUCH AS CONSTRUCTION SITE SAFETY, MEANS, METHODS AND SEQUENCING OF CONSTRUCTION. ENGINEER SHALL NOT BE RESPONSIBLE FOR FABRICATION, ERECTION AND CONSTRUCTION REQUIREMENTS AS PRESCRIBED BY OSHA OR OTHER REGULATORY AGENCIES REGARDLESS OF INDICATIONS IN THESE DOCUMENTS.
14. NOTICE OF COPYRIGHT: THESE STRUCTURAL DRAWINGS ARE HEREBY COPYRIGHTED BY ARW ENGINEERS, ALL RIGHTS RESERVED. THESE DOCUMENTS DEFINE A STRUCTURE AND ARE INSTRUMENTS OF SERVICE, FOR ONE USE ONLY. REPRODUCTION AND DISTRIBUTION OF THESE DRAWINGS IS ONLY ALLOWED AS REQUIRED FOR REGULATORY AGENCIES AND FOR CONVEYANCE OF INFORMATION TO PARTIES INVOLVED IN THE CONSTRUCTION OF THIS PROJECT. THESE DOCUMENTS SHALL NOT BE REPRODUCED OR COPIED, IN PART OR WHOLE BY ANY PARTY FOR USE IN PREPARATION OF SHOP DRAWINGS OR OTHER SUBMITTALS.
15. WHERE THE WORD "SHALL" OCCURS IN THESE DRAWINGS AND ANY ACCOMPANYING SPECIFICATIONS, IT IS CONSIDERED A MANDATORY OBLIGATION AND SYNONYMOUS WITH THE PHRASE "HAS DUTY TO".

B. STATEMENT OF SPECIAL INSPECTIONS AND SPECIAL INSPECTIONS

1. THE DESIGNATED SEISMIC/WIND SYSTEMS AND SEISMIC/WIND-FORCE-RESISTING SYSTEMS THAT ARE SUBJECT TO SPECIAL INSPECTIONS IN ACCORDANCE WITH IBC SECTION 1705.11 AND 1705.12 ARE IDENTIFIED ON THESE DOCUMENTS WITH A CIRCLE "L". ALL OTHER ITEMS REQUIRING SPECIAL INSPECTION ARE IDENTIFIED IN THE SPECIAL INSPECTION SCHEDULE ON SHEET S006 & S008.
2. SPECIAL INSPECTIONS AND TESTING ARE TO BE PROVIDED AS REQUIRED BY IBC SECTIONS 1704 THROUGH 1705 AND OTHER APPLICABLE SECTIONS OF THE IBC. THE TYPE AND FREQUENCY OF TESTING AND SPECIAL INSPECTIONS SHALL BE AS NOTED IN THE SPECIAL INSPECTION SCHEDULE, JOB SPECIFICATIONS, AND ACCORDANCE WITH IBC SECTION 110 AND CHAPTER 17. CONTRACTOR SHALL COORDINATE AND COOPERATE WITH REQUIRED INSPECTIONS.
3. ALL TESTING AND SPECIAL INSPECTION SHALL BE PROVIDED BY A QUALIFIED INDEPENDENT SPECIAL INSPECTION AGENCY IN ACCORDANCE WITH IBC 1704 AND AS OUTLINED IN THE JOB SPECIFICATIONS. REPORTS OF FINDINGS OR DISCREPANCIES SHALL BE NOTED AND FORWARDED TO THE CONTRACTOR, ARCHITECT, ENGINEERS, AND BUILDING OFFICIAL IN A TIMELY MANNER.
4. STRUCTURAL OBSERVATION VISITS SHALL BE PERFORMED BY A REPRESENTATIVE FROM ARW ENGINEERS IN ACCORDANCE WITH THE CONTRACT AS NEEDED TO OBSERVE THE CONSTRUCTION OF CRITICAL BUILDING ELEMENTS (I.E. FOOTINGS, BRACED FRAMES, MOMENT FRAMES, DRAG STRUTS AND THEIR CONNECTIONS, COLLECTORS, AND ROOF AND FLOOR DIAPHRAGMS). STRUCTURAL OBSERVATION REPORTS FOR EACH VISIT SHALL BE SENT DIRECTLY TO THE ARCHITECT FOR DISTRIBUTION TO THE CONTRACTOR AND BUILDING OFFICIAL. STRUCTURAL OBSERVATION VISITS SHALL NEITHER BE CONSTRUED AS SPECIAL INSPECTION NOR APPROVAL OF COMPLETED CONSTRUCTION.
5. IN ACCORDANCE WITH IBC 1704.4, THE CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER. THE STATEMENT SHALL BE SUBMITTED PRIOR TO THE CONSTRUCTION OF ANY SEISMIC/WIND-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC/WIND SYSTEM, OR COMPONENT IDENTIFIED IN THESE DOCUMENTS WITH A CIRCLE "L".

C. BASIS OF DESIGN

1. GOVERNING BUILDING CODE : INTERNATIONAL BUILDING CODE (IBC) 2018
   RISK CATEGORY : II
2. SUSPENDED FLOOR LOADS
   a. LIVE LOAD = 40 PSF UNREDUCED
   b. DEAD LOAD = 25 PSF
3. ROOF LOADS
   a. FLAT-ROOF SNOW LOAD, P_f : 25 PSF
      1. GROUND SNOW LOAD, P_g : 15 PSF
      2. SNOW EXPOSURE FACTOR, C_e : 1.0
      3. SNOW LOAD IMPORTANCE FACTOR, I_s : 1.0
      4. THERMAL FACTOR, C_t : 1.0
      5. SLOPE FACTOR, C_S : 1.0
      6. SNOW DRIFT : SHOWN ON PLANS WHERE APPLICABLE.
   b. LIVE LOAD = 20 PSF
   c. DEAD LOAD = 15 PSF
   d. RAIN INTENSITY, i : 1.2 IN/HR
4. WIND DESIGN
   a. BASIC WIND SPEED (3 SECOND GUST) : 115 MPH
   b. ALLOWABLE STRESS DESIGN WIND SPEED, V_{ASD} : 89 MPH
   c. WIND EXPOSURE : C
   d. INTERNAL PRESSURE COEFFICIENT, G_{CPI} : ± 0.18
   e. COMPONENT AND CLADDING DESIGN WIND PRESSURE SHALL BE AS REQUIRED PER ASCE 7-16.
5. SEISMIC DESIGN :
   a. SEISMIC IMPORTANCE FACTOR, I_E : 1.0
   b. SITE CLASS : D
   c. MAPPED SPECTRAL RESPONSE ACCELERATIONS : $S_S = 0.184$, $S_1 = 0.081$
   d. SPECTRAL RESPONSE COEFFICIENTS : $S_{DS} = 0.196$, $S_{D1} = 0.130$
   e. SEISMIC DESIGN CATEGORY : B
   f. BASIC SEISMIC-FORCE-RESISTING SYSTEM : - ORDINARY STEEL CONCENTRIC BRACED FRAMES AND LIGHT FRAMED WOOD SHEAR WALLS
   g. DESIGN BASE SHEAR : $V_{N-S} = 0.060*W$, $V_{E-W} = 0.060*W$
   h. SEISMIC RESPONSE COEFFICIENT, C_S : 0.060
   i. RESPONSE MODIFICATION FACTOR, R : 3.25
   j. ANALYSIS PROCEDURE : EQUIVALENT LATERAL FORCE PROCEDURE
6. ANTICIPATED SHRINKAGE AT EACH LEVEL IS LESS THAN 0.25". TOTAL CUMULATIVE SHRINKAGE AT TOP LEVEL IS ANTICIPATED TO BE LESS THAN 1.0".

D. FOUNDATION

1. GENERAL
   a. DESIGN SOIL PRESSURE : 2500 PSF
   b. SOILS REPORT BY : ATLAS TECHNICAL CONSULTANTS,LLC
      REPORT # : T220249g
      DATED : FEBRUARY 21, 2022
   c. SOIL PREPARATION UNDER FOUNDATIONS AND SLABS-ON-GRADE SHALL BE IN ACCORDANCE WITH THE SOILS REPORT.
   d. TOP OF FOOTING ELEVATIONS SHOWN ON THE FOOTING AND FOUNDATION PLAN ARE BASED ON PRELIMINARY GRADING INFORMATION AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION. STEPS WHERE SHOWN ARE AT APPROXIMATE LOCATIONS. ACTUAL STEP LOCATIONS SHALL BE AT THE CONTRACTOR'S DISCRETION BASED UPON FIELD CONDITIONS. ALL EXTERIOR FOUNDATIONS SHALL BEAR A MINIMUM OF 24 INCHES BELOW LOWEST ADJACENT FINAL GRADE.
   e. ALL WALLS (EXCEPT CANTILEVERED RETAINING WALLS) SHALL BE ADEQUATELY BRACED AGAINST LATERAL MOVEMENT PRIOR TO BACKFILLING. DESIGN AND ERECTION OF BRACING/SHORING SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. BRACING SHALL REMAIN IN PLACE UNTIL SUPPORTING STRUCTURAL ELEMENTS ARE IN PLACE AND HAVE ATTAINED FULL STRENGTH.
   f. UNLESS NOTED OTHERWISE, ALL FOOTINGS AT COLUMNS SHALL BE CENTERED BELOW COLUMNS.
   g. UNLESS NOTED OTHERWISE, ALL FOOTINGS SHALL HAVE VERTICAL FACES FORMED WITH STANDARD FORMING MATERIALS (WOOD, METAL, ETC.). WITH PRIOR APPROVAL OF ARCHITECT AND ENGINEER, CONCRETE FOR FOOTINGS CAN BE PLACED IN EXCAVATED SOIL "FORMS" PROVIDED THAT THE DIMENSIONS ARE INCREASED 3" ON ALL SIDE.

E. CONCRETE

1. ALL CONCRETE MIX DESIGNS SHALL COMPLY WITH THE PROJECT SPECIFICATIONS AND THE REQUIREMENTS LISTED BELOW :
   a. FOOTINGS, GRADE BEAMS, FOUNDATION WALLS :
      1. WHERE THE TOP OF THE ELEMENT IS EXPOSED OR IS LOCATED WITHIN 24" OF THE LOWEST ADJACENT GRADE (EXPOSURE CATEGORY F2) :
         a. 28 DAY COMPRESSIVE STRENGTH : 4500 PSI
         b. MAXIMUM W/C RATIO : 0.45
         c. MAXIMUM AGGREGATE SIZE : 1"
         d. AIR CONTENT : SEE SCHEDULE BELOW
      2. WHERE THE TOP OF THE ELEMENT IS NOT EXPOSED OR IS NOT LOCATED WITHIN 24" OF THE LOWEST ADJACENT GRADE (EXPOSURE CATEGORY F0) :
         a. 28 DAY COMPRESSIVE STRENGTH : 3000 PSI
   b. RETAINING WALLS (EXPOSURE CATEGORY F2) :
      1. 28 DAY COMPRESSIVE STRENGTH : 4500 PSI
      2. MAXIMUM W/C RATIO : 0.45
      3. MAXIMUM AGGREGATE SIZE : 1"
      4. AIR CONTENT : SEE SCHEDULE BELOW
   c. INTERIOR SLABS ON GRADE (EXPOSURE CATEGORY F0) :
      1. 28 DAY COMPRESSIVE STRENGTH : 4000 PSI (1)
   d. INTERIOR SUSPENDED SLABS (EXPOSURE CATEGORY F0) :
      1. 28 DAY COMPRESSIVE STRENGTH : 3500 PSI
   e. EXTERIOR SLABS (DOCKS, ETC.) (EXPOSURE CATEGORY F2) :
      1. 28 DAY COMPRESSIVE STRENGTH : 4500 PSI
      2. MAXIMUM W/C RATIO : 0.45
      3. MAXIMUM AGGREGATE SIZE : 1"
      4. MINIMUM AIR CONTENT : SEE SCHEDULE BELOW
   f. TOTAL AIR CONTENT FOR CONCRETE EXPOSED TO CYCLES OF FREEZING AND THAWING SHALL BE DETERMINED IN ACCORDANCE WITH THIS SCHEDULE. TOLERANCE ON AIR CONTENT AS DELIVERED SHALL BE +/- 1.5 PERCENT.

NOMINAL MAXIMUM AGGREGATE SIZE, IN.	TARGET AIR CONTENT, PERCENT F1	F2 AND F3
3/8	6	7.5
1/2	5.5	7
3/4	5	6
1	4.5	6
1-1/2	4.5	5.5
2	4	5
3	3.5	4.5

2. WATER USED IN MIXING CONCRETE SHALL CONFORM TO ASTM C1602.
3. NO PIPES, DUCTS, SLEEVES, ETC. SHALL BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER. NO ALUMINUM PRODUCTS SHALL BE EMBEDDED IN CONCRETE. PENETRATIONS THRU STRUCTURAL CONCRETE ELEMENTS MUST BE APPROVED BY THE ENGINEER AND SHALL BE BUILT INTO THE ELEMENT PRIOR TO CONCRETE PLACEMENT.
4. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, ETC. TO BE CAST IN TO CONCRETE, AND FOR EXTENT AND LOCATION OF DEPRESSIONS, CURBS, RAMPS, ETC.
5. UNLESS NOTED OTHERWISE, MINIMUM REINFORCING IN ALL CONCRETE FOUNDATION WALLS SHALL BE AS FOLLOWS:

THICKNESS	TOP & BOTTOM BARS	VERTICAL	HORIZONTAL
6"	(1) #5	#4 AT 18"O.C.	#4 AT 16"O.C.
7 1/2"	(2) #5	#4 AT 18"O.C.	#4 AT 12"O.C.
8"	(2) #5	#4 AT 18"O.C.	#4 AT 12"O.C.
8 1/2"	(2) #5	#4 AT 18"O.C.	#4 AT 12"O.C.
10"	(2) #5	#4 AT 12"O.C.	#5 AT 12"O.C.
12"	(2) #5	#4 AT 18"O.C. EA FACE	#4 AT 16"O.C. EA FACE

6. UNLESS NOTED OTHERWISE, CONCRETE SLABS ON EARTH SHALL BE REINFORCED AS FOLLOWS:
   4" THICK - #3 AT 18"O.C. EACH WAY
   6" THICK - #4 AT 16"O.C. EACH WAY
   REINFORCING SHALL BE CONTINUOUSLY SUPPORTED AT 36"O.C. MAXIMUM SPACING.
7. UNLESS NOTED OTHERWISE, FOR NON-DETAILED OPENINGS IN CONCRETE WALLS LARGER THAN 12" AND SMALLER THAN 24" IN ANY DIRECTION ADD (2) #5 BARS ON ALL SIDES IN ADDITION TO REGULAR WALL REINFORCING AND EXTEND 24" EACH WAY BEYOND OPENING. IF 24" IS NOT AVAILABLE ON EVERY SIDE, NOTIFY STRUCTURAL ENGINEER FOR FURTHER DIRECTION. OPENINGS SHALL HAVE A MINIMUM OF 12" OF CONCRETE ABOVE THE OPENING, TYP.
8. CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE MADE AND LOCATED SO AS TO NOT IMPAIR THE STRENGTH OF THE STRUCTURE AND AS APPROVED BY THE STRUCTURAL ENGINEER. PROVIDE 2 X 4 (SHAPED) KEYWAY IN ALL VERTICAL AND HORIZONTAL JOINTS UNLESS NOTED OR DETAILED OTHERWISE. ALL STEEL REINFORCING SHALL BE CONTINUOUS THROUGH COLD JOINTS UNLESS NOTED OTHERWISE. SEE TYPICAL DETAILS FOR COLD/CONSTRUCTION JOINTS FOR SLABS ON GRADE.
9. WHERE NEW CONCRETE IS PLACED AGAINST PREVIOUSLY HARDENED CONCRETE, THE JOINT SHALL BE CLEAN AND FREE OF LAITANCE. IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, CONSTRUCTION JOINTS SHALL BE PREWETTED AND STANDING WATER REMOVED. WHERE NOTED IN SPECIFIC DETAILS, HARDENED CONCRETE SHALL BE ROUGHENED TO 1/4" AMPLITUDE AND A BONDING AGENT SHALL BE APPLIED TO THE JOINT PRIOR TO PLACING NEW CONCRETE.

F. ANCHOR BOLTS/EMBEDDED BOLTS

1. ALL ANCHOR BOLTS SHALL HAVE ASTM A-563 HEAVY HEX NUT AND ASTM F-436 WASHERS AT STANDARD OR OVERSIZED HOLES PER AISC SPECIFICATION TABLE J3.3. WHERE HOLE SIZES DO NOT COMPLY WITH THE LIMITATIONS FOR OVERSIZED HOLES THE STRUCTURAL ENGINEER SHALL BE NOTIFIED TO DETERMINE STEEL PLATE WASHER REQUIREMENTS. ANCHOR BOLTS SHALL COMPLY WITH THE FOLLOWING :
   a. AT BRACED FRAMES - ASTM F1554 GRADE 105 HEADED BOLTS.(ASTM A449 THREADED ROD MAY BE USED WITH DOUBLE NUT AND WASHER.)
   b. AT WOOD STUD WALLS - ASTM A-307 GRADE HEADED BOLTS. ANCHOR BOLTS IN TREATED LUMBER SHALL BE GALVANIZED OR STAINLESS STEEL. SEE TIMBER NOTES FOR MORE INFORMATION.
   c. AT ALL OTHER ANCHOR BOLTS (UNLESS NOTED OTHERWISE) - ASTM F1554 GRADE 36 HEADED BOLTS. (ASTM A36 THREADED ROD MAY BE USED WITH DOUBLE NUT AND WASHER.)
2. EMBEDDED BOLTS IN MASONRY SHALL BE (UNLESS NOTED OTHERWISE) ASTM A-307 GRADE HEADED BOLTS.
3. SEE TYPICAL ANCHOR BOLT DETAIL FOR DEFINITIONS OF EMBEDMENT LENGTH, ETC.
4. FURNISH TEMPLATES AND OTHER DEVICES AS NECESSARY FOR PRESETTING ALL BOLTS PRIOR TO PLACING CONCRETE AND/OR GROUT.
5. IF THREADED RODS ARE USED AS PERMITTED ABOVE, THEY SHALL BE CLEAR OF SOIL AND DIRT.
6. WHERE REQUIRED FOR ERECTION, HOLES LARGER THAN OVERSIZED MAY BE PERMITTED WITH THE USE OF STEEL PLATE WASHERS AT THE DISCRETION OF THE STRUCTURAL ENGINEER.

G. ADHESIVE/MECHANICAL ANCHORS

1. WITHOUT WRITTEN APPROVAL OF THE ENGINEER, CONTRACTOR SHALL NOT SUBSTITUTE POST-INSTALLED ANCHORS WHERE CAST-IN-PLACE ANCHORS ARE SPECIFIED IN THE DRAWINGS.
2. WHERE STRUCTURAL DETAILS SPECIFY SPECIFIC BRANDS AND/OR TYPES OF ADHESIVES OR ANCHORS, SUBSTITUTIONS OF OTHER BRANDS AND/OR TYPES IS NOT ALLOWED, WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
3. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. SUBSTITUTION REQUESTS SHALL INCLUDE AN ICC ESR OR IAPMO REPORT AND SUPPORTING CALCULATIONS INDICATING COMPLIANCE WITH DESIGN INTENT.
4. ALL ADHESIVE/MECHANICAL ANCHORS SHALL BE INSTALLED, INCLUDING HOLE DRILLING AND PREPARATION, IN ACCORDANCE WITH AN APPROVED INDEPENDENT EVALUATION REPORT (ICC-ES, IAPMO, OR APPROVED EQUAL), AS INDICATED BELOW, AND IN ACCORDANCE WITH ALL MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII).
5. INSTALLERS SHALL BE, AT A MINIMUM, TRAINED FOR THE SPECIFIC APPLICATION INSTALLATION TECHNIQUE FOR THE SPECIFIC PRODUCT BY THE PRODUCT MANUFACTURERS FIELD EMPLOYEE OR SHALL POSSESS A TRAINING CARD OBTAINED BY THE MANUFACTURERS ONLINE TRAINING PROGRAM.
6. ADHESIVE ANCHORS SHALL BE INSTALLED IN CONCRETE HAVING A MINIMUM AGE OF 21 DAYS AT TIME OF ANCHOR INSTALLATION. ADHESIVE ANCHORS SHALL NOT BE FULLY LOADED UNTIL CONCRETE HAS REACHED DESIGN STRENGTH.
7. ADHESIVE ANCHORS SHALL CONSIST OF REINFORCING BAR OR THREADED RODS AS INDICATED IN THESE DOCUMENTS.
8. UNLESS APPROVED BY THE ENGINEER OF RECORD, CONCRETE AND DRILLED ANCHOR HOLES SHALL BE DRY AND FREE OF WATER FOR 14 DAYS PRIOR TO ADHESIVE INSTALLATION. CONTACT THE ENGINEER OF RECORD FOR GUIDANCE IF THE CONTRACTOR CHOOSES TO INSTALL IN DAMP, WATER-SATURATED, OR WATER-FILLED HOLES.
9. CONCRETE TEMPERATURE AT THE TIME OF INSTALLATION SHALL BE MONITORED BY THE CONTRACTOR. CONTRACTOR SHALL COMPLY WITH ALL MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) RELATIVE TO SUBSTRATE TEMPERATURE.
10. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED TO SUPPORT SUSTAINED TENSION LOADS SHALL BE PERFORMED BY PERSONNEL CERTIFIED BY AN APPLICABLE CERTIFICATION PROGRAM. CERTIFICATION SHALL INCLUDE WRITTEN AND PERFORMANCE TESTS IN ACCORDANCE WITH THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM, OR EQUIVALENT IN ACCORDANCE WITH ACI 318-11 D.9.2.2. PROOF OF CURRENT CERTIFICATION SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION. CONTINUOUS SPECIAL INSPECTION SHALL BE PROVIDED FOR THESE ANCHORS.
11. UNLESS NOTED OTHERWISE, ALL ADHESIVE ANCHORS INTO CONCRETE SHALL BE:
    a. HILTI HIT-RE 500V3 (ESR-3814), OR HILTI HIT-HY 200-A (ESR-3187).
    b. SIMPSON SET-3G (ESR-4057), OR AT-XP (ER-0263).
    c. DEWALT PURE 110+ (ESR-3298), OR AC200+ GOLD (ESR-4027-COLD WEATHER).
12. UNLESS NOTED OTHERWISE, ALL ADHESIVE ANCHORS INTO GROUTED MASONRY (CMU) SHALL BE:
    a. HILTI HIT-HY 270 (ESR-4143).
    b. SIMPSON SET-XP (ER-0265), OR AT-XP (ER-0281).
    c. DEWALT AC100+ GOLD (ESR-3200).
13. UNLESS NOTED OTHER WISE, ALL MECHANICAL ANCHORS INTO CONCRETE SHALL BE:
    a. HILTI KWIK BOLT-TZ2 (ESR-4266).
    b. SIMPSON STRONG-BOLT 2 (ESR-3037).
14. UNLESS NOTED OTHERWISE, ALL MECHANICAL ANCHORS INTO GROUTED MASONRY (CMU) SHALL BE:
    a. HILTI KWIK BOLT-TZ2 (ESR-4561).
    b. SIMPSON STRONG BOLT 2 WEDGE ANCHOR (ER-0240).
    c. DEWALT SCREWBOLT+ (ESR-4042).
15. UNLESS NOTED OTHERWISE, ALL SCREW ANCHORS INTO CONCRETE SHALL BE:
    a. SIMPSON TITEN HD (ESR-2713).
    b. DEWALT SCREWBOLT+ (ESR-3889).
    c. HILTI KWIK HUS-EZ (ESR-3027).
16. UNLESS NOTED OTHERWISE, ALL SCREW ANCHORS INTO GROUTED MASONRY (CMU) SHALL BE:
    a. SIMPSON TITEN HD (ESR-1056).
    b. DEWALT SCREWBOLT+ (ESR-1678).
    c. HILTI KWIK HUS EZ (ESR-3056).
17. ALL MASONRY CELLS WITHIN 8" OF THE ANCHOR SHALL BE SOLID GROUTED.
18. THE TESTING LABORATORY WILL PERFORM VISUAL INSPECTION OF ANCHORS AND DOWELS AS SPECIFIED IN THE SPECIAL INSPECTION SCHEDULE AND THE APPROVED INDEPENDENT EVALUATION REPORT. TENSION TESTING CAN BE REQUIRED AT THE DIRECTION OF THE STRUCTURAL ENGINEER OF RECORD OR THE SPECIAL INSPECTOR.
19. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON THAT HOLE AND SHIFT THE ANCHOR LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM SPACE OF (2) ANCHOR HOLE DIAMETERS OR 2 INCHES, WHICH EVER IS LARGER, OF SOUND CONCRETE/MASONRY BETWEEN THE ANCHOR AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT OR AN APPROVED ANCHORING ADHESIVE. AT CONTRACTORS OPTION, LOCATE EXISTING REINFORCEMENT PRIOR TO DRILLING/CORING. IF THE ANCHOR OR DOWEL CANNOT BE SHIFTED AS NOTED ABOVE, THE ENGINEER WILL DETERMINE A NEW LOCATION.
20. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH MECHANICAL ANCHORS.

H. SUSPENDED CONCRETE SLABS / SLABS ON METAL DECK

1. UNLESS NOTED OTHERWISE, ALL CONCRETE SLABS ON METAL DECK SHALL BE 6 1/4" TOTAL THICKNESS LIGHT WEIGHT CONCRETE WITH A WEIGHT LESS THAN 110 POUNDS PER CUBIC FOOT, REINFORCED WITH PER DETAIL 7/S202. REINFORCING STEEL SHALL BE CHAIRED TO 1" TOP COVER AT ALL BEAM LOCATIONS. EXCEPT WHERE SPECIFICALLY DETAILED, FIBER MESH MAY BE USED IN PLACE OF REINFORCEMENT IN SLABS ON DECK WHEN USED IN ACCORDANCE WITH AN APPROVED ICC RESEARCH REPORT AND WHERE APPROVED BY THE ENGINEER. WHERE THE SLAB CONSTRUCTION IS USED TO OBTAIN A UL FIRE RATING, THE PROPOSED FIBER MESH SHALL HAVE UL ACCEPTANCE AS AN APPROVED ALTERNATIVE TO WELDED WIRE FABRIC.
2. AROUND OPENINGS IN SUSPENDED CONCRETE SLABS, ADD REINFORCING BARS EQUIVALENT TO BARS CUT BY OPENING WITH HALF ON EACH SIDE OF OPENING. BARS PARALLEL TO PRINCIPAL REINFORCING SHALL RUN FULL LENGTH OF SPAN. BARS PARALLEL TO TEMPERATURE REINFORCING SHALL RUN 24" BEYOND OPENING.
3. SLAB PENETRATIONS LESS THAN 6" IN ALL DIRECTIONS WITH A CLEAR SPACING OF AT LEAST 3 TIMES THE LONGEST DIMENSION, DO NOT REQUIRE SUPPLEMENTAL REINFORCING. OTHERWISE, THE PENETRATIONS SHALL BE FRAMED ON 4 SIDES WITH STEEL ANGLES OR BENT PLATES (SEE TYPICAL DETAIL) UNLESS NOTED OTHERWISE.
4. EVERY EFFORT SHALL BE MADE TO PROVIDE A CONSISTENT FINISHED FLOOR THICKNESS.
5. CONTROL JOINTS IN SUSPENDED CONCRETE SLABS AND CONCRETE SLABS ON DECK SHALL NOT BE USED UNLESS SPECIFICALLY APPROVED AND DETAILED BY THE ENGINEER.
6. SEE TYPICAL DETAILS WHEN SLABS ARE MADE COMPOSITE WITH STEEL BEAMS.
7. ANY CONDUIT PLACED IN SLABS ON DECK SHALL BE SPACED NOT CLOSER THAN 18"O.C. CONDUIT LARGER THAN 3/4" DIAMETER SHALL BE PLACED IN DECK FLUTES, BUT MAY NOT BE PLACED IN FLUTES WITH REINFORCING STEEL OR HSA'S. A 1" MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN THE CONDUIT AND THE DECK. NO CONDUIT LARGER THAN 1" DIAMETER OR 1/3 THE THICKNESS OF THE CONCRETE OVER THE DECK FLUTE SHALL BE PLACED IN SLABS ON DECK. CONDUIT CROSSOVERS ARE NOT ALLOWED.

I. REINFORCING STEEL

1. REINFORCING BAR STRENGTH REQUIREMENTS:
   a. ALL REINFORCING BARS UNO, SHALL CONFORM TO ASTM STANDARD A-615 GRADE 60 AND ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM STANDARD A-1064 AND SHALL BE SUPPLIED IN FLAT SHEETS. ADEQUATELY TIE AND SUPPORT ALL REINFORCING STEEL AS SPECIFIED BY ACI 117, TO MAINTAIN EXACT REQUIRED POSITION.
2. HEADED SHEAR STUD ASSEMBLIES SHALL CONFORM TO ASTM A1044.
3. STEEL DISCONTINUOUS FIBER REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO ASTM A820 AND SHALL HAVE A LENGTH TO DIAMETER RATIO NOT SMALLER THAN 50 AND NOT GREATER THAN 100.
4. HEADED DEFORMED BARS SHALL CONFORM TO ASTM A970. OBSTRUCTIONS OR INTERRUPTIONS OF THE BAR DEFORMATIONS, IF ANY, SHALL NOT EXTEND MORE THAN 2 BAR DIAMETERS FROM THE BEARING FACE OF THE HEAD.
5. ALL REINFORCING STEEL SHALL BE TIED IN PLACE AND ADEQUATELY SUPPORTED PRIOR TO PLACING CONCRETE. WET STABBING OF ANY REINFORCING STEEL IS NOT PERMITTED, UNLESS SPECIFICALLY DETAILED OTHERWISE OR APPROVED BY THE ENGINEER.
6. ALL FIELD BENT DOWELS SHALL BE GRADE 40 WITH SPACING INDICATED REDUCED BY 1/3.
7. UNLESS NOTED OTHERWISE, REINFORCEMENT SHALL HAVE THE FOLLOWING CONCRETE COVERAGE :
   a. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH ….. 3"
   b. EXPOSED TO EARTH OR WEATHER :
      1. #6 & LARGER ….. 2"
      2. #5 & SMALLER …..1-1/2"
   c. NOT EXPOSED TO WEATHER OR EARTH :
      1. SLABS, WALLS, JOISTS, #11 & SMALLER ….. 3/4"
      2. BEAMS, COLUMNS: MAIN REINFORCING OR TIES ….. 1-1/2"
   d. SLAB ON GRADE :
      1. PLACE REINFORCING AT CENTER OF SLAB UNLESS INDICATED OTHERWISE.
8. EXCEPT WHERE NOTED ON PLANS OR DETAILS CONTINUOUS REINFORCEMENT SHALL BE SPLICED AT POINTS OF MINIMUM STRESS BY LAPPING PER THE REBAR LAP SCHEDULE.
9. REINFORCING STEEL MAY BE SPLICED WITH MECHANICAL COUPLERS THAT HAVE A TENSION CAPACITY OF AT LEAST 125% OF THE STRENGTH OF THE BAR. MECHANICAL COUPLERS SHALL BE A POSITIVE CONNECTING TYPE COUPLER, AND SHALL BE INSTALLED IN ACCORDANCE WITH AN APPROVED ICC RESEARCH REPORT. WHERE THESE ARE USED, SPLICES ON ADJACENT BARS SHALL BE STAGGERED AT LEAST 24 INCHES ALONG THE LENGTH OF THE BARS.
10. ALL VERTICAL REINFORCING IN STRUCTURAL ELEMENTS ABOVE SHALL BE SPLICED WITH MATCHING DOWELS EMBEDDED WITHIN THE FOOTINGS OR STRUCTURE BELOW. SPLICE LENGTHS SHALL COMPLY WITH REBAR LAP SCHEDULE. DOWELS INTO FOOTINGS SHALL TERMINATE WITH A STANDARD HOOK, AND SHALL EXTEND TO WITHIN 4" OF THE BOTTOM OF THE FOOTING, BUT NEED NOT EXTEND MORE THAN 20" INTO FOOTING. FOR MASONRY CONSTRUCTION SEE STRUCTURAL NOTE N.6.A.
11. DO NOT WELD REINFORCING EXCEPT AS NOTED ON PLANS, WHERE REINFORCING IS WELDED, USE ASTM A-706 REINFORCING.
12. REINFORCING BARS, TIES, AND TENDONS SHALL BE SUPPORTED BY NYLON CONES, PLASTIC-COATED TIE-WIRES, OR PLASTIC-COATED CHAIRS. REINFORCING IN FOOTINGS IS PERMITTED TO BE SUPPORTED ON CONCRETE DOBIES.
13. UNLESS NOTED OTHERWISE, HOOKS, STIRRUPS, TIES, AND OTHER BENDS IN REINFORCING STEEL SHALL MEET THE STANDARDS SET FORTH IN ACI 318/318R-14. UNLESS OTHERWISE PERMITTED BY THE ENGINEER, ALL REINFORCEMENT SHALL BE BENT COLD. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT, EXCEPT AS SHOWN ON THESE DRAWINGS OR OTHERWISE PERMITTED BY THE ENGINEER.
14. UNLESS SPECIFICALLY NOTED AND/OR DETAILED IN THE STRUCTURAL DRAWINGS CONDUIT SHALL NOT BE IN CONTACT WITH REINFORCING STEEL.

STRUCTURAL NOTES CONTINUED ON S002

Structural Sheet Index

PROFESSIONAL ENGINEER
REGISTERED
7834
5/5/22
STATE OF IDAHO
BRENT L. WHITE
5/6/2022

DATE	
06/16/2022	ADDENDUM 3

A R W
ENGINEERS
structural consultants

A NEW HOTEL:
HOTEL
TWIN FALLS, ID
STRUCTURAL NOTES

Laughlin Ricks Architecture
architecture/planning
134 3RD AVE. E. * Twin Falls, Idaho 83301
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DATE: 5/6/2022
BLP Drawn
ZCH Checked

S001