



TOWN OF JACKSON PLANNING & BUILDING DEPARTMENT

TRANSMITTAL MEMO

Town of Jackson

- Public Works/Engineering
- Building
- Title Company
- Town Attorney
- Police

Joint Town/County

- Parks and Recreation
- Pathways
- Joint Housing Dept

Teton County

- Planning Division

- Engineer
- Surveyor- *Nelson*
- Assessor
- Clerk and Recorder
- Road and Levee

State of Wyoming

- Teton Conservation
- WYDOT
- TC School District #1
- Game and Fish
- DEQ

Federal Agencies

- Army Corp of Engineers

Utility Providers

- Qwest
- Lower Valley Energy
- Bresnan Communications

Special Districts

- START
- Jackson Hole Fire/EMS
- Irrigation Company

Date: June 27, 2023

Item #: P23-113

Planner: Katelyn Page

Phone: 733-0440 ext. 13025

Email: kpage@jacksonwy.gov

Owner

Chroman Family Ltd. Partnership
PO Box 1208
Jackson, WY 83001

Applicant

Deborah Webb / Athletic Club of JH
PO Box 961
Wilson, WY 83014

REQUESTS:

The applicant is submitting a request for a Basic Use Permit for developed recreation use at the property located at 980 W. Broadway Ave. #8 & #9, legally known as UNIT 8 and UNIT 9, POWDERHORN 980 COMMERCIAL CONDOMINIUM ADDITION PIDN: 22-41-16-32-1-13-008 & 009

For questions, please call Katelyn Page at 733-0440, x1302 or email to the address shown below. Thank you.

Please respond by: **July 11, 2023 (Sufficiency)**
July 18, 2023 (with Comments)

RESPONSE: For Departments not using SmartGov, please send responses via email to:
planning@jacksonwy.gov



PLANNING PERMIT APPLICATION
Planning & Building Department

150 E Pearl Ave. | ph: (307) 733-0440
P.O. Box 1687 | www.townofjackson.com
Jackson, WY 83001

For Office Use Only

Fees Paid _____

Date & Time Received _____

Application #s _____

Please note: Applications received after 3 PM will be processed the next business day.

PROJECT.

Name/Description: Athletic Club at Jackson Hole, LLC
Physical Address: 980 W. Broadway, Jackson, WY
Lot, Subdivision: Powderhorn 980 Addition PIDN: 22-41-16-32-1-13

PROPERTY OWNER.

Name: Chroman Family Limited Partnership Phone: 559.920.1034
Mailing Address: PO 1208 Jackson, WY 83001 ZIP: _____
E-mail: achroman10@hotmail.com

Lorem Ips

APPLICANT/AGENT.

Name: The Athletic Club at Jackson Hole, LLC Phone: 307.690.1034
Mailing Address: PO 961 Wilson, WY 83014 ZIP: _____
E-mail: webbdds@earthlink.net

DESIGNATED PRIMARY CONTACT.

Property Owner Applicant/Agent

TYPE OF APPLICATION. Please check all that apply; review the type of application at www.townofjackson.com/200/Planning

Use Permit	Physical Development	Interpretations
<input checked="" type="checkbox"/> Basic Use	<input type="checkbox"/> Sketch Plan	<input type="checkbox"/> Formal Interpretation
<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Development Plan	<input type="checkbox"/> Zoning Compliance Verification
<input type="checkbox"/> Special Use	<input type="checkbox"/> Design Review	Amendments to the LDRs
Relief from the LDRs	Subdivision/Development Option	<input type="checkbox"/> LDR Text Amendment
<input type="checkbox"/> Administrative Adjustment	<input type="checkbox"/> Subdivision Plat	<input type="checkbox"/> Map Amendment
<input type="checkbox"/> Variance	<input type="checkbox"/> Boundary Adjustment (replat)	Miscellaneous
<input type="checkbox"/> Beneficial Use Determination	<input type="checkbox"/> Boundary Adjustment (no plat)	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Appeal of an Admin. Decision	<input type="checkbox"/> Development Option Plan	<input type="checkbox"/> Environmental Analysis

PRE-SUBMITTAL STEPS. To see if pre-submittal steps apply to you, go to www.townofjackson.com/200/Planning and select the relevant application type for requirements. Please submit all required pre-submittal steps with application.

Pre-application Conference #: _____ Environmental Analysis #: _____

Original Permit #: _____ Date of Neighborhood Meeting: _____

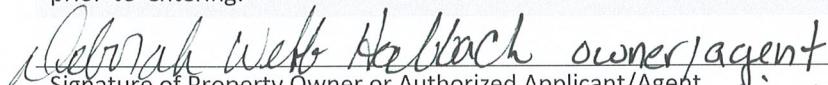
SUBMITTAL REQUIREMENTS. Please ensure all submittal requirements are included. The Planning Department will not hold or process incomplete applications. Partial or incomplete applications will be returned to the applicant. Go to www.townofjackson.com/200/Planning and select the relevant application type for submittal requirements.

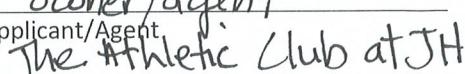
Have you attached the following?

- Application Fee.** Fees are cumulative. Go to www.townofjackson.com/200/Planning and select the relevant application type for the fees.
- Notarized Letter of Authorization.** A notarized letter of consent from the landowner is required if the applicant is not the owner, or if an agent is applying on behalf of the landowner. Please see the Letter of Authorization template at <http://www.townofjackson.com/DocumentCenter/View/845/LetterOfAuthorization-PDF>.
- Response to Submittal Requirements.** The submittal requirements can be found on the TOJ website for the specific application. If a pre-application conference is required, the submittal requirements will be provided to applicant at the conference. The submittal requirements are at www.townofjackson.com/200/Planning under the relevant application type.

Note: Information provided by the applicant or other review agencies during the planning process may identify other requirements that were not evident at the time of application submittal or a Pre-Application Conference, if held. Staff may request additional materials during review as needed to determine compliance with the LDRs.

Under penalty of perjury, I hereby certify that I have read this application and associated checklists and state that, to the best of my knowledge, all information submitted in this request is true and correct. I agree to comply with all county and state laws relating to the subject matter of this application, and hereby authorize representatives of Teton County to enter upon the above-mentioned property during normal business hours, after making a reasonable effort to contact the owner/applicant prior to entering.


Signature of Property Owner or Authorized Applicant/Agent
Deborah Webb Halbach
Name Printed


The Athletic Club at JH

0-26-2023
Date

owner / agent
Title



Town of Jackson
150 E Pearl Avenue
PO Box 1687, Jackson, WY 83001
P: (307)733-3932 F: (307)739-0919
www.jacksonwy.gov

Date: 3-8-23

LETTER OF AUTHORIZATION

NAMING APPLICANT AS OWNER'S AGENT

PRINT full name of property owner as listed on the deed when it is an individual OR print full name and title of President or Principal Officer when the owner listed on the deed is a corporation or an entity other than an individual

Antonette Chroman, partner, Chroman Family Limited Partnership

Being duly sworn, deposes and says that Antonette Chroman is the owner in fee of the premises located at:

Name of property owner as listed on deed

Address of Premises: 980 West Broadway, Jackson, Wyoming

Legal Description: 22-41-16-32-1-13-608, 22-41-16-32-1-13-609

Please attach additional sheet for additional addresses and legal descriptions

And, that the person named as follows: Name of Applicant/agent: Deborah Webb Halbach

Mailing address of Applicant/agent: PO Box 961 Wilson, WY 83014

Email address of Applicant/agent: webbdds@earthlink.net

Phone Number of Applicant/agent: 307-690-1034

Is authorized to act as property owner's agent and be the applicant for the application(s) checked below for a permit to perform the work specified in this(these) application(s) at the premises listed above:

Development/Subdivision Plat Permit Application Building Permit Application

Public Right of Way Permit Grading and Erosion Control Permit Business License Application

Demolition Permit Home Occupation Other (describe) Basic Use, Sign Permits

Under penalty of perjury, the undersigned swears that the foregoing is true and, if signing on behalf of a corporation, partnership, limited liability company or other entity, the undersigned swears that this authorization is given with the appropriate approval of such entity, if required.

Antonette Chroman

Property Owner Signature

partner

Title if signed by officer, partner or member of corporation, LLC (secretary or corporate owner) partnership or other non-individual Owner

STATE OF California)

)

COUNTY OF San Luis Obispo)

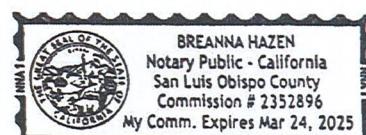
)

The foregoing instrument was acknowledged before me by Breanna Hazen this March 8th day of March 8th, 2023. WITNESS my hand and official seal. Notary Public

Breanna Hazen

Notary Public

My commission expires:



To: Town of Jackson Planning and Building Departments

My name is Thomas Halbach and I was managing the old Teton Sprots Club in Wilson prior to its closure. My family and I are excited to be planning a new fitness facility in the old Sears/Pamida building at 980 W. Broadway in the Powderhorn Mall and requesting a change of use from retail to developed recreation. The space in question includes the easternmost 7,054 sf of the existing structure which is mostly unimproved since reconstruction. This project is an interior alteration w/ no change to the exterior of the building. The Club will be a large welcoming workout space for members to exercise independently or with their trainer or physical therapist. Behind will be a "recovery" suite with the latest therapeutic activities for relaxation or rehabilitation for our clients. The Club will operate with a manager and one employee weekdays 6am-9pm, weekends 8am-7pm. The parking and housing mitigation requirements are consistent with past retail uses. Any questions, please contact me at 307.690.7789.

Thank you for your consideration,

Thomas Halbach

Housing Mitigation Plan

updated 1/8/21

Development of a new house, hotel, or commercial space generates the need for employees. The construction workforce builds the space, the commercial workforce or residential service workforce works in the space, and first responders are needed to protect the space. Only about 27% of the employees generated by development can afford housing in the community, but the community's "community first" character goal is that 65% of employees live locally. To bridge this affordability gap, each development is required to include affordable workforce housing proportional to the employees it generates. These housing mitigation requirements are established in Division 6.3 of the Land Development Regulations. This worksheet is intended to assist in meeting the requirements for a project. However, an error in the worksheet does not amend the actual standard; if you find an error please notify the Planning Department. Fill in the highlighted cells, all the other cells will autopopulate.

Calculating the Requirement (Sec. 6.3.2 & 6.3.3)

Step 1: Location

Town of Jackson

The applicable regulations vary by jurisdiction please identify the location of your project using the above dropdown options.

The required housing is based on the existing and proposed use of the site. Step 2 is to enter the existing use and Step 3 is to enter the proposed use.

Section 6.3.2 of the LDRs establishes the applicability of the affordable workforce housing standards and Section 6.3.3 establishes the specifics on calculation of the requirement. Enter each use in its own row, add rows if needed. If a building has multiple units with the same use, describe each unit in its own row. (For example: if a duplex is composed of a 2,300 sf attached unit and a 1,700 sf attached unit, put each unit in its own row do not put in 4,000 sf of attached single-family.) If a unit type (e.g. apartment floor plan, or commercial tenant space) is replicated exactly multiple times, you may use the "Use Quantity" column to avoid adding multiple rows.

Step 2: Existing Development

Housing is only required for new development. Please describe the existing use of the site so that it can be credited from the housing requirement. The definition of existing use is Section 6.3.2.A.1 of the LDRs. Generally, the existing use to enter is the use with the highest housing requirement that either existed in 1995, or has been permitted since 1995. Please attach proof of existence.

Existing Use (Sec. 6.3.2.A)	Housing Requirement (Sec. 6.3.3.A)	Use Size: bedrooms	Use Size: habitable sf	Use Quantity	Housing Required
Short-Term Rental Unit	0.102*bedrooms		0	0	0.000

Step 3: Proposed Development

Please describe the proposed use of the site to determine if affordable workforce housing is required as part of the development. Describe the end result of the proposed development. (For example: in the case of an addition do not enter the square footage of the addition, enter the size of the unit upon completion of the addition.)

Proposed Use	Housing Requirement (Sec. 6.3.3.A)	Use Size: bedrooms	Use Size: habitable sf	Use Quantity	Housing Required
Conventional Lodging	0.102*bedrooms		0	0	0.000

Affordable Workforce Housing Required: 0.000 units

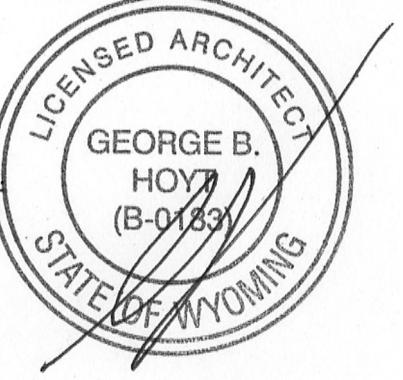
Fee-in-Lieu Amount: \$ -

If the amount of required affordable workforce housing is less than one unit, you may pay the above fee in-lieu of providing the required housing. If you elect to pay the fee, your Housing Mitigation Plan is complete. If the requirement is greater than one unit, or you would like to provide a unit to meet the requirement, please proceed to the [Unit Type Sheet](#).



THE ATHLETIC CLUB AT JACKSON HOLE

980 WEST BROADWAY #8-#9, JACKSON, WY 83001



OWNER

The Athletic Club at Jackson Hole

ARCHITECT

Hoyt Architects
1110 Maple Way Suite F
PO Box 7364 (83002)
Jackson, WY (83001)
307.733.9955

CIVIL ENGINEER

Jorgensen Associates
1315 hwy 89 S., Suite 203
Jackson, WY 83002

STRUCTURAL ENGINEER
Frost Structural Engineering
1020 Lincoln Road
Idaho Falls, ID 83401

MECHANICAL ENGINEER
Musgrove Engineering
645 W 25th St.,
Idaho Falls, Idaho 83402

ELECTRICAL ENGINEER
Musgrove Engineering
645 W 25th St.,
Idaho Falls, Idaho 83402

GENERAL CONTRACTOR
Diehl Construction
PO BOX 6861
Jackson, WY 83002



SHEET INDEX

GENERAL

G101 COVER SHEET
G102 GENERAL NOTES
G103 ACCESSIBILITY PLAN
C100 SITE PLAN SEWER DETAILS

ARCHITECTURAL

A100 EXISTING FLOOR PLAN
A101 FLOOR PLAN
A102 REFLECTED CEILING PLAN
A103 FLOOR FINISH PLAN
A104 LOFT FRAMING PLAN (STRUCTURAL)
A301 BUILDING SECTIONS

MECHANICAL

M000 MECHANICAL COVER SHEET
M001 MECHANICAL SPECIFICATIONS
M002 HVAC ZONE PLAN
M100 HVAC FLOOR PLAN
M200 HVAC DETAILS
M201 HVAC DETAILS
M300 HVAC SCHEDULES

PLUMBING

P100 PLUMBING WASTE & VENT FLOOR PLAN
P101 PLUMBING WATER & GAS FLOOR PLAN
P200 PLUMBING DETAILS
P300 PLUMBING SCHEDULES

ELECTRICAL

E100 COVER SHEET
E001 LIGHTING COMPLIANCE
E002 SPECS
E003 SPECS
E100 LIGHTING PLAN
E200 POWER PLAN
E300 MECHANICAL POWER PLAN
E400 SPECIAL SYSTEMS PLAN
E500 SINGLE LINES
E501 PANEL SCHEDULES
E600 ELEC DETAILS
E700 LTG DETAILS



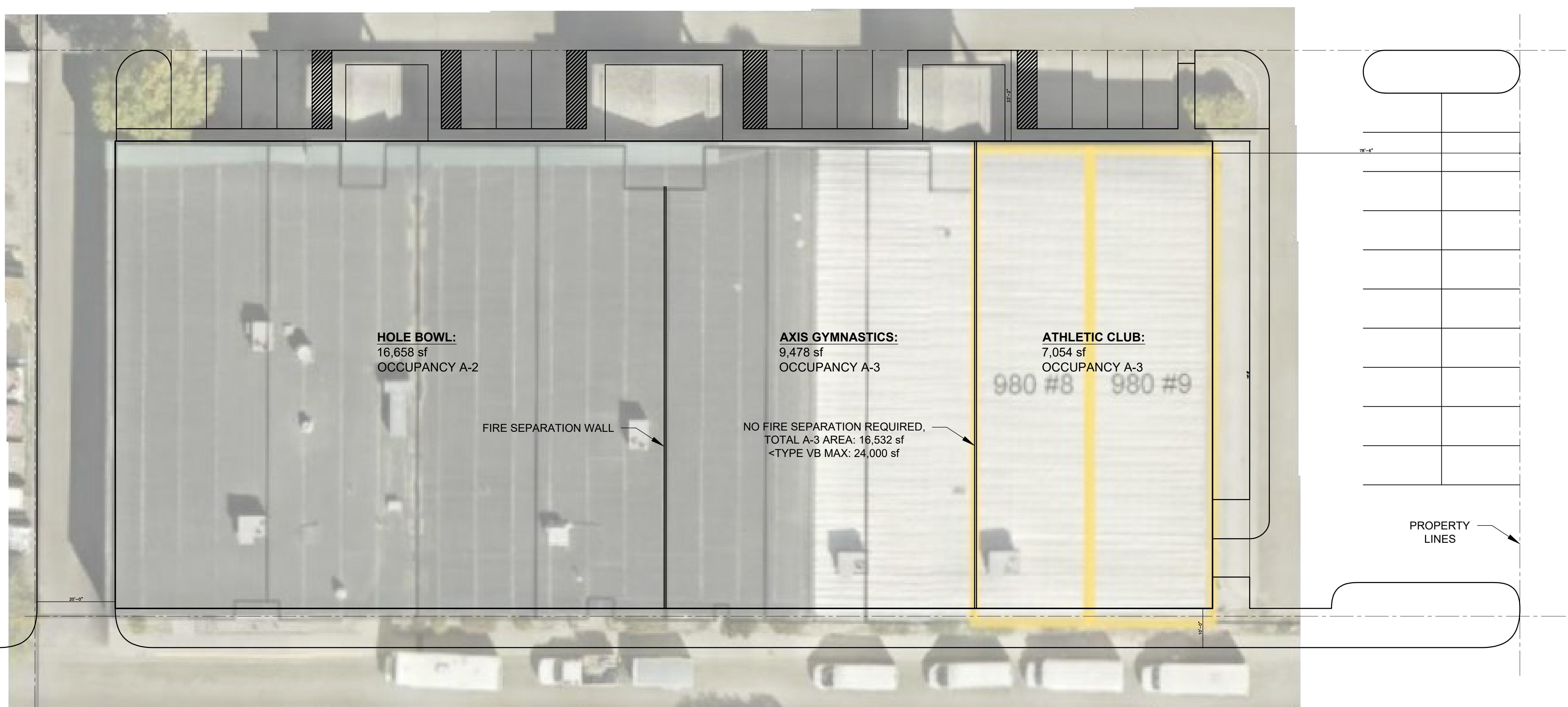
PROJECT DESCRIPTION:

The Athletic Club of Jackson Hole is proposing a tenant improvement at 980 West Broadway, #8&9. No changes are proposed to the shell or the structural system. The site is located in the CR-3 Zone, with an overall building area of 33,190 sf, with lots #8&9 occupying 7,054 sf. While the original occupancy classification of the building was Mercantile, the 2 spaces occupying lot #1-7 are classified as A-2 and A-3 now (see site plan exhibit this page). The building is fully sprinklered. The tenant improvement consists of adding non-structural interior walls, new finishes on walls, floors & ceilings, upgraded mechanical, electrical & sprinkler systems, new plumbing, and the installation of a spa/swim area, locker rooms & exercise equipment. The building utilizes type VB construction and the T.I. space is classified as an A-3 occupancy. The T.I. will have a max occupancy of 141, the 3 existing exits will remain. IEBC: See sections 503, 506 & chapter 8. The alteration is classified as Level 2 and utilizes the prescriptive compliance method.

CODES APPLIED:

PROPOSED WORK SHALL COMPLY WITH THE FOLLOWING:
INTERNATIONAL BUILDING CODE, 2021 EDITION WITH AMENDMENTS
DESIGN CRITERIA UTILIZED
SEISMIC DESIGN CATEGORY: D
WIND LOAD: 115 MPH
SNOW LOAD: 93 PSF
ICC/ANSI A 117.1, 2017 EDITION
INTERNATIONAL EXISTING BUILDING CODE, 2021 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE, 2021 EDITION, WITH AMENDMENTS
NATIONAL ELECTRIC CODE, 2023 EDITION - NFPA 70
INTERNATIONAL FIRE CODE, 2021 EDITION
INTERNATIONAL WILDLAND-URBAN INTERFACE, 2021 EDITION
INTERNATIONAL FUEL GAS CODE, 2021 EDITION
INTERNATIONAL MECHANICAL CODE, 2021 EDITION, WITH AMENDMENTS
INTERNATIONAL PLUMBING CODE, 2021 EDITION, WITH AMENDMENTS

REGULATORY AGENCY
TOWN OF JACKSON, WYOMING



Site Plan
1/16"=1'-0"

OCCUPANCY:

1004.5: MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (R-3)

EXERCISE ROOMS: 50 GROSS
LOCKER ROOMS: 50 GROSS
SWIMMING POOLS: 50 GROSS

ACTUAL AREA: 6936.75 SF

6936.75 SF / 50 GROSS = 138.735

OCCUPANT LOAD = 139

PLUMBING:

2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

WATER CLOSETS: MEN - 1 PER 125
WOMEN - 1 PER 65

LAVATORIES: 1 PER 200

DRINKING FOUNTAINS: 1 PER 500

EGRESS WIDTH:

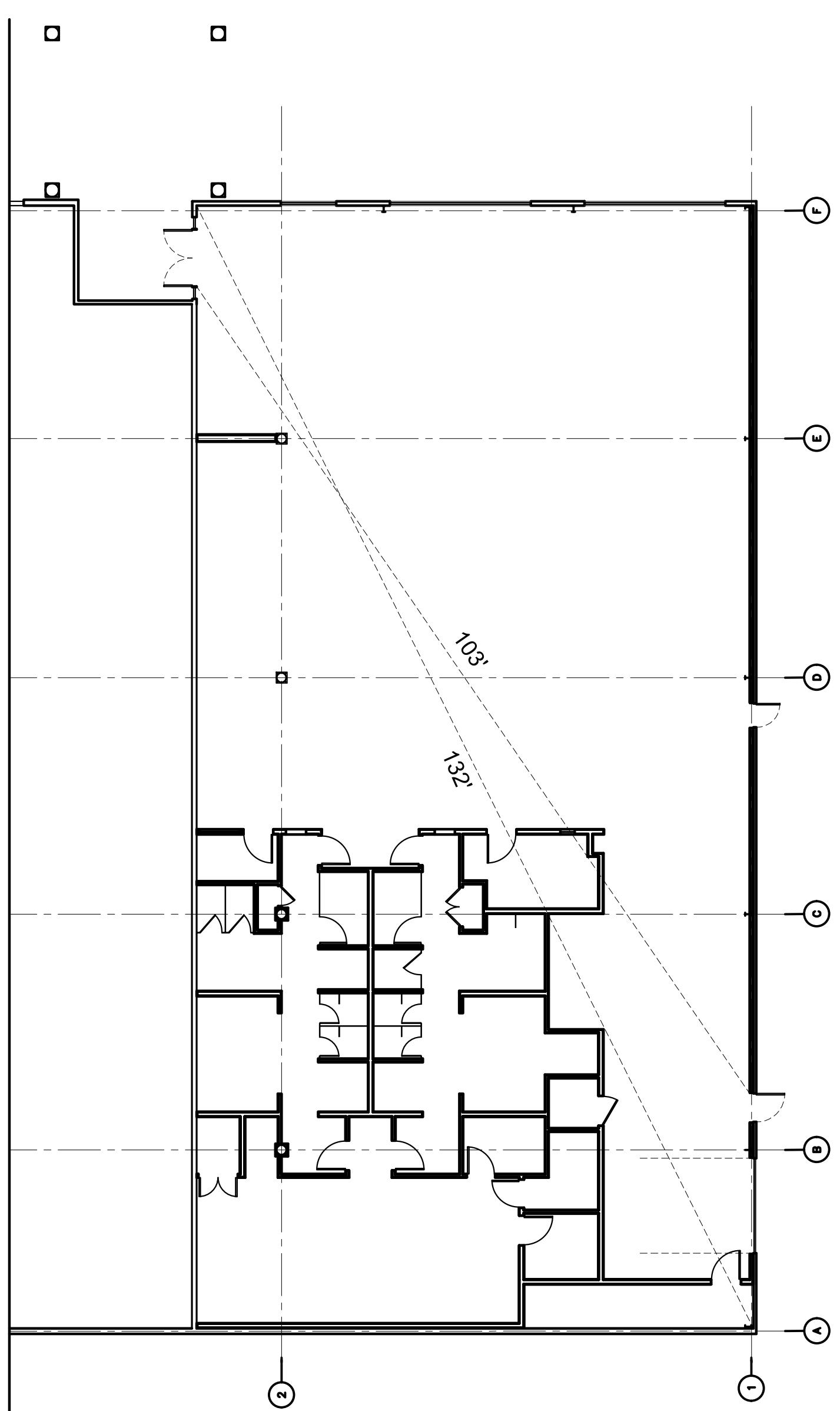
SECTION 1020.2: MINIMUM CORRIDOR WIDTH
ACCESS TO AND UTILIZATION OF MECHANICAL, PLUMBING OR ELECTRICAL SYSTEMS OR EQUIPMENT: 24"
ANY FACILITY NOT LISTED ON THIS TABLE: 44"

EGRESS ILLUMINATION:

1008.2 ILLUMINATION REQUIRED:
THE MEANS OF EGRESS SERVING A ROOM OR SPACE SHALL BE
ILLUMINATED AT ALL TIMES THAT THE ROOM OR SPACE IS OCCUPIED.

ACCESSIBILITY:

FOLLOW ICC A117.1 CODES



LIFE SAFETY PLAN
NOT TO SCALE

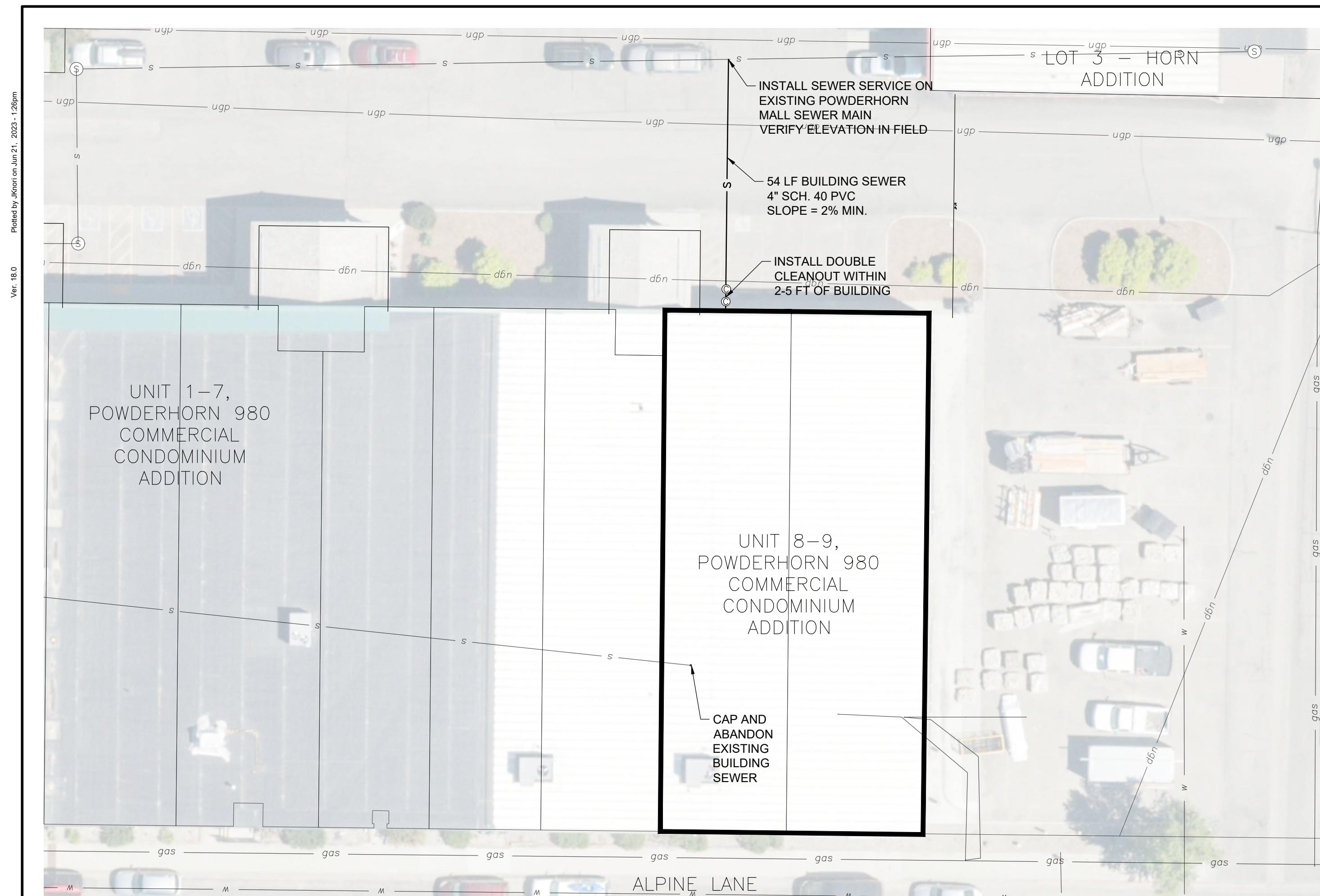
GENERAL INFORMATION:

1. THIS PROJECT SHALL COMPLY WITH THE 2018 VERSION OF THE IRC AND THE CURRENT TETON COUNTY LDRS INCLUDING ALL AMENDMENTS. ANY BUILDING OFFICIAL, SUBCONTRACTOR OR TRADES PERSONS NOTING DISCREPANCIES SHALL NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY.
2. IT IS EACH CONTRACTOR'S RESPONSIBILITY TO THOROUGHLY REVIEW AND BECOME FAMILIAR WITH ALL PERTINENT DOCUMENTS AVAILABLE REGARDING THE CONSTRUCTION OF THIS PROJECT. ANY AMBIGUITY OR DISCREPANCY DISCOVERED IN THE DOCUMENTS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT WHO SHALL MAKE CLARIFICATIONS AND INTERPRETATIONS IN A TIMELY MANNER. THE CONTRACTOR'S FAILURE TO DISCOVER AND NOTIFY THE ARCHITECT OF SAID AMBIGUITY OR DISCREPANCY PRIOR TO THE START OF CONSTRUCTION SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY RELATING TO THE MATTER.
3. CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS BY TETON COUNTY BUILDING, FIRE DEPARTMENTS AND ANY OTHER GOVERNING AUTHORITIES, AS NECESSARY.
4. CHANGES OR DEVIATIONS FROM THE DOCUMENTS, MADE BY THE CONTRACTOR OR THEIR SUPPLIERS, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT, ARE UNAUTHORIZED CHANGES TO THE WORK AND AS SUCH SHALL RELIEVE THE ARCHITECT OF ALL RESPONSIBILITY FOR THE CONSEQUENCES ARISING THERE FROM.
5. PRIOR TO BEGINNING ANY NEW WORK OR INSTALLATION, IT IS EACH CONTRACTOR'S RESPONSIBILITY TO INSPECT PREVIOUSLY INSTALLED WORK AND/OR SUBSTRATE AND VERIFY THAT ALL SUCH WORK IS SATISFACTORY AND COMPLETE TO THE REQUIRED LEVEL OF ACCEPTANCE TO ALLOW FOR THE START OF SUBSEQUENT WORK. THE COMMENCEMENT OF ANY WORK SHALL INDICATE THAT ALL PREVIOUSLY INSTALLED WORK AND/OR SUBSTRATE WAS FOUND TO BE ACCEPTABLE AND INSTALLED ACCORDING TO INDUSTRY STANDARDS. ANY WORK FOUND TO BE IN UNACCEPTABLE CONDITION SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
6. EACH CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO ESTIMATING THE COST OF THE SCOPE OF WORK AND PRIOR TO ORDERING OR FABRICATING MATERIALS OR BEGINNING ANY CONSTRUCTION RELATED ACTIVITIES FOR THE PURPOSE OF BECOMING COMPLETELY FAMILIAR WITH THE SITE AND ALL EXISTING CONDITIONS WHICH MIGHT IMPACT THE COST OF, OR PERFORMANCE OF THE SCOPE OF WORK.
7. ALL CONSTRUCTION IS TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND THE REQUIREMENTS OF ALL REGULATORY AGENCIES HAVING JURISDICTION OVER THE PROJECT. UNDER NO CIRCUMSTANCES OR CONDITION DOES THE ARCHITECT HAVE RESPONSIBILITY FOR THE MEANS OR METHODS USED BY A CONTRACTOR IN THE PERFORMANCE OF THE WORK OR FOR CONDITIONS OF SAFETY AT THE JOB SITE.
8. CONTRACTOR RESPONSIBLE FOR PROVIDING, COORDINATING, AND SUPERVISING TRENCHING OF UTILITIES AND SERVICES TO AND FROM BUILDING. COORDINATION SHALL INCLUDE CONTRACTOR'S REASONABLE EFFORTS TO COMBINE AS MANY DIFFERENT UTILITIES IN COMMON TRENCHES AS PRACTICAL AND GOOD PRACTICE PERMIT.
9. CONTRACTOR SHALL COORDINATE ALL FINISHES, MATERIALS, AND COLORS WITH THE ARCHITECT/OWNER, AND MUST PROVIDE SAMPLES OF ALL FINISHES FOR APPROVAL BY ARCHITECT/OWNER.
10. ALL SUBSTITUTIONS ARE TO BE APPROVED BY ARCHITECT/OWNER. ALONG WITH THE WRITTEN REQUEST, CONTRACTOR SHALL PROVIDE ALL INFORMATION REGARDING THE SUBSTITUTION IN QUESTION, INCLUDING COST, AVAILABILITY, AND REASON FOR SUBSTITUTION.
11. DIMENSIONS OF AND FROM EXISTING CONDITIONS HAVE BEEN TAKEN FROM EXISTING DRAWINGS AND/OR FIELD MEASUREMENTS. ALL EXISTING DIMENSIONS ARE TO FINISH FACE UNLESS NOTED OTHERWISE ON DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PERTAINING TO THE EXISTING CONDITIONS, INCLUDING ALL WORK ALREADY IN PLACE, PRIOR TO ORDERING OR FABRICATING MATERIALS, AND PRIOR TO START OF CONSTRUCTION.
12. CONTRACTORS SHALL KEEP PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS AND DEBRIS.
13. DO NOT SCALE THE DRAWINGS. IF QUESTIONS ARISE AS TO DIMENSIONAL REQUIREMENTS, CONTACT THE ARCHITECT FOR CLARIFICATION.
14. ALL MATERIALS, FIXTURES AND EQUIPMENT PROVIDED UNDER THIS CONTRACT ARE TO BE PROVIDED IN NEW CONDITION WITH FULL MANUFACTURER'S WARRANTY, UNLESS OTHERWISE SPECIFIED BY THE OWNER, AND ARE TO BE STORED AND INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS. DAMAGED ITEMS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

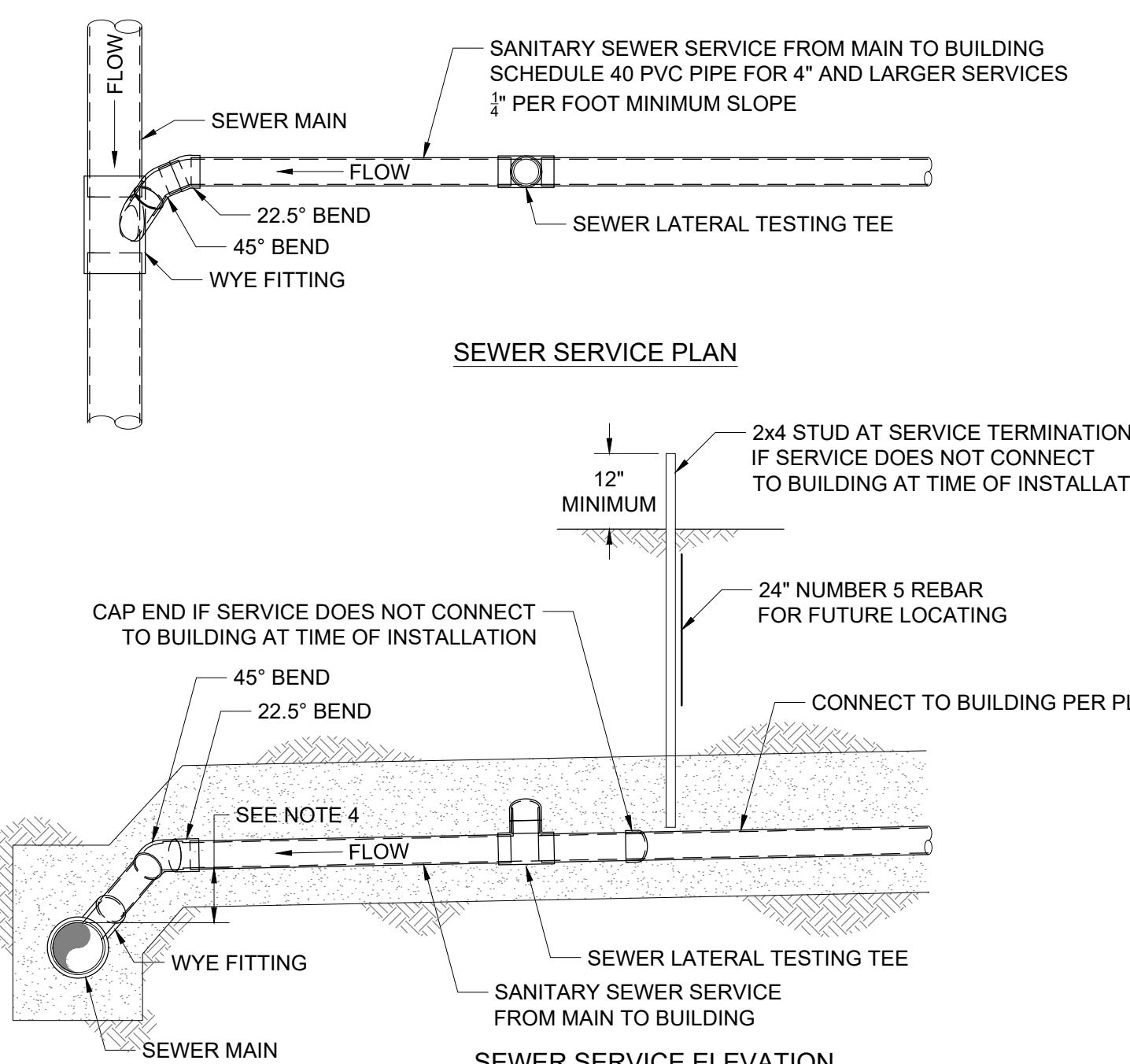
© 2023 | ALL RIGHTS RESERVED
PERMIT SET
06.22.2023
DRAWN BY: IJM
CHECKED BY: IJM
REVISIONS

GENERAL NOTES

G102



SCALE: 1 INCH = 20 FEET
THIS SCALE VALID ONLY FOR 22x34 PRINTS



NOTE

1. NEW SERVICE CONNECTIONS TO EXISTING SANITARY SEWER MAINS SHALL BE COORDINATED WITH SANITARY SEWER UTILITY OWNER.
2. CLEANOUTS TO BE PROVIDED ADJACENT TO BUILDING, EVERY 100' ALONG THE SERVICE LINE AND AT ALL BENDS.
3. PRIVATE PARTY BEING SERVED BY CONNECTION RESPONSIBLE FOR FEE TAP AND APPROVAL BY UTILITY OWNER.
4. PROVIDE 0.1' MINIMUM SEPARATION BETWEEN INVERT OF SERVICE AND CROWN OF MAIN UNLESS OTHERWISE SPECIFIED IN PLANS OR DIRECTED BY THE ENGINEER. DISTANCE CAN BE INCREASED TO CONNECT SHALLOW SERVICE TO DEEP MAIN.

SANITARY SEWER SERVICE DETAIL

NOT TO SCALE

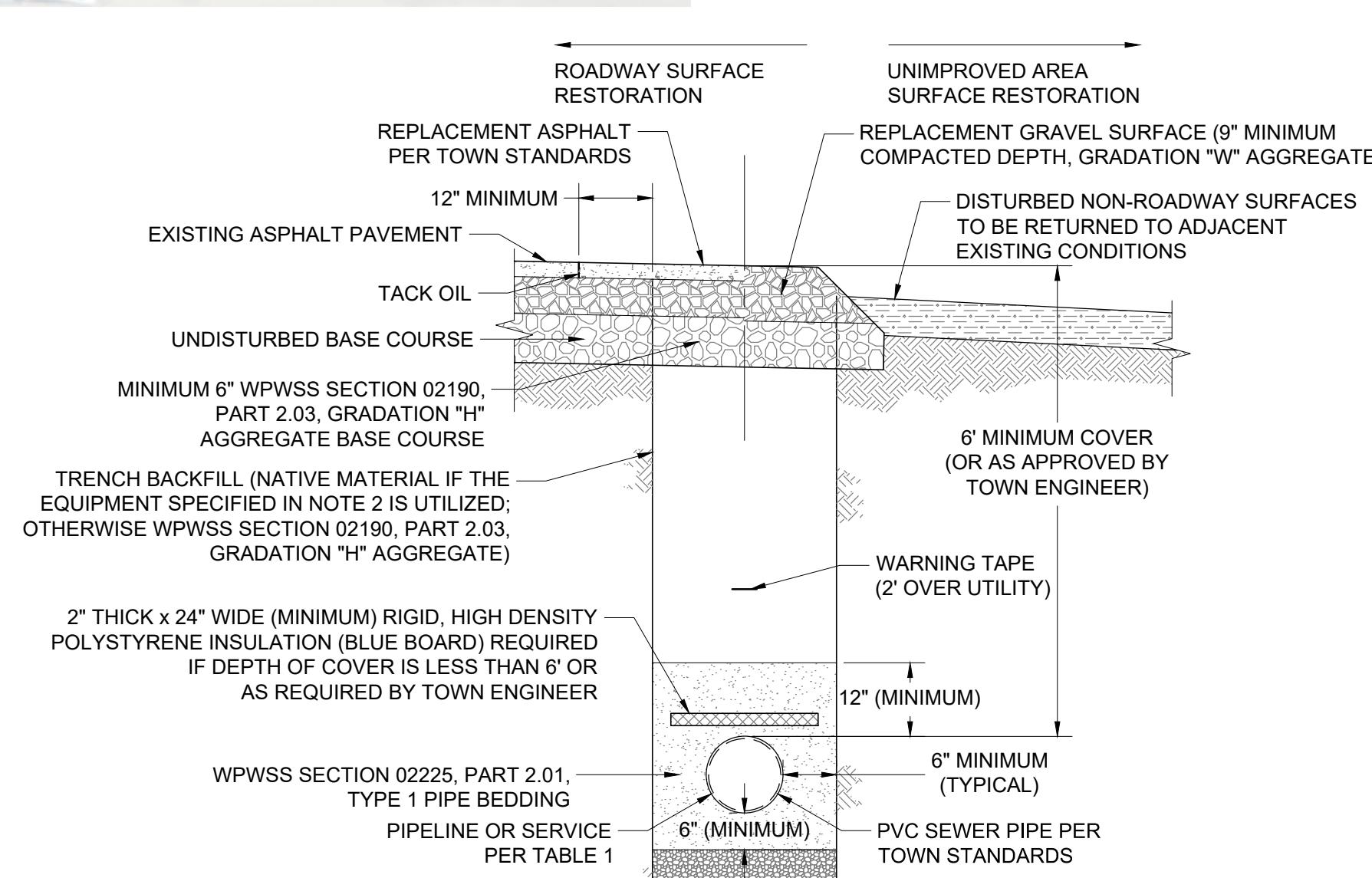
SEWER MAIN AND SERVICE TRENCH DETAIL

NOT TO SCALE

TOJ SS-100 MODIFIED

NOTE

1. TRENCH BACKFILL BELOW THE SURFACE SHALL MEET THE FOLLOWING CRITERIA:
 - 95% MODIFIED PROCTOR DENSITY WITHIN STREET AND ALLEY RIGHTS-OF-WAY.
 - 90% MODIFIED PROCTOR DENSITY OUTSIDE STREET AND ALLEY RIGHTS-OF-WAY.
2. COMPACTION OF NATIVE TRENCH BACKFILL, WITH ALL ROCK LARGER THAN 6" REMOVED, SHALL BE CARRIED OUT IN 1' MAX LIFTS.
3. PIPE BEDDING SHALL BE PLACED IN 6" LIFTS AND THOROUGHLY COMPACTED TO PROVIDE UNIFORM PIPE SUPPORT.
4. UNLESS OTHERWISE DIRECTED, ALL BASE COURSE AND GRAVEL SURFACE REPLACEMENT SHALL BE INSTALLED PER WPWSS SECTION 02231, PART 3.03.
5. ALL TRENCH EXCAVATION SHALL CONFORM TO WYOMING OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (WYOSHA) REGULATIONS.
6. PROVIDE INSULATION WHERE COVER OVER WATER LINES AND FORCE MAINS ARE LESS THAN 7 FEET AND WHERE SANITARY SEWER AND STORM LINES ARE LESS THAN 5 FEET. CONSULT ENGINEER PRIOR TO INSULATING LINES WHERE MINIMUM COVER CANNOT BE MET.



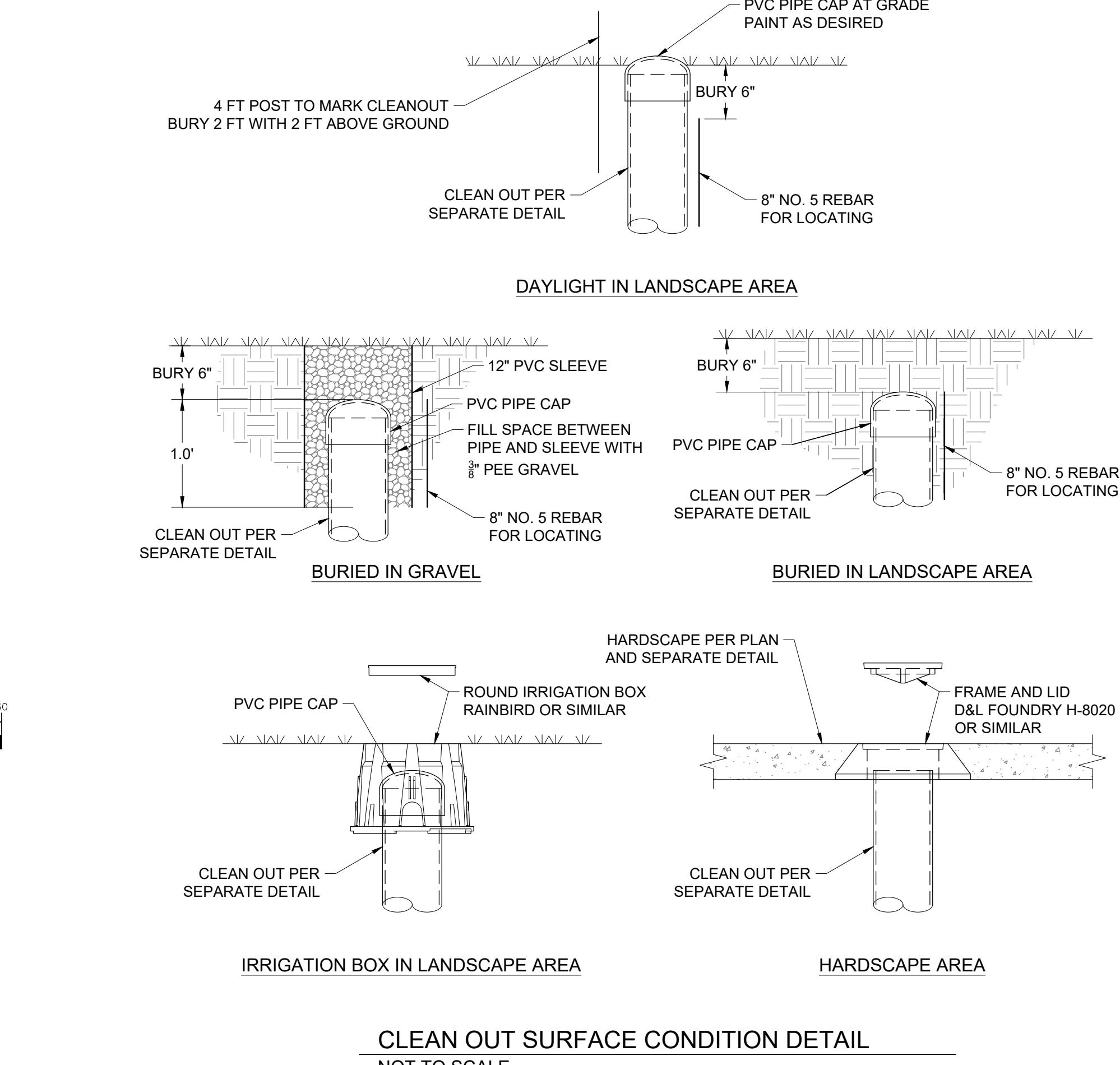
NOTE

1. PRIOR TO BACKFILLING THE TOWN PUBLIC WORKS DEPARTMENT MUST INSPECT ALL PIPE, FITTINGS, COUPLINGS, GRADE AND COMPLETE LEAK TESTING.
2. INSTALL AND COMPACT ALL BACKFILL MATERIAL PER TOWN PUBLIC WORKS DEPARTMENT STANDARD SPECIFICATIONS AND AS SHOWN WITHIN THE TRENCH DETAIL.
3. ALL PVC FITTINGS SHALL MEET ASTM D3034 SPECIFICATIONS, AND SHALL ALSO MEET ASTM D312 SPECIFICATIONS FOR RUBBER GASKETED BELL AND SPIGOT TYPE WITH INTEGRAL BELL.

BUILDING CLEANOUT DETAIL

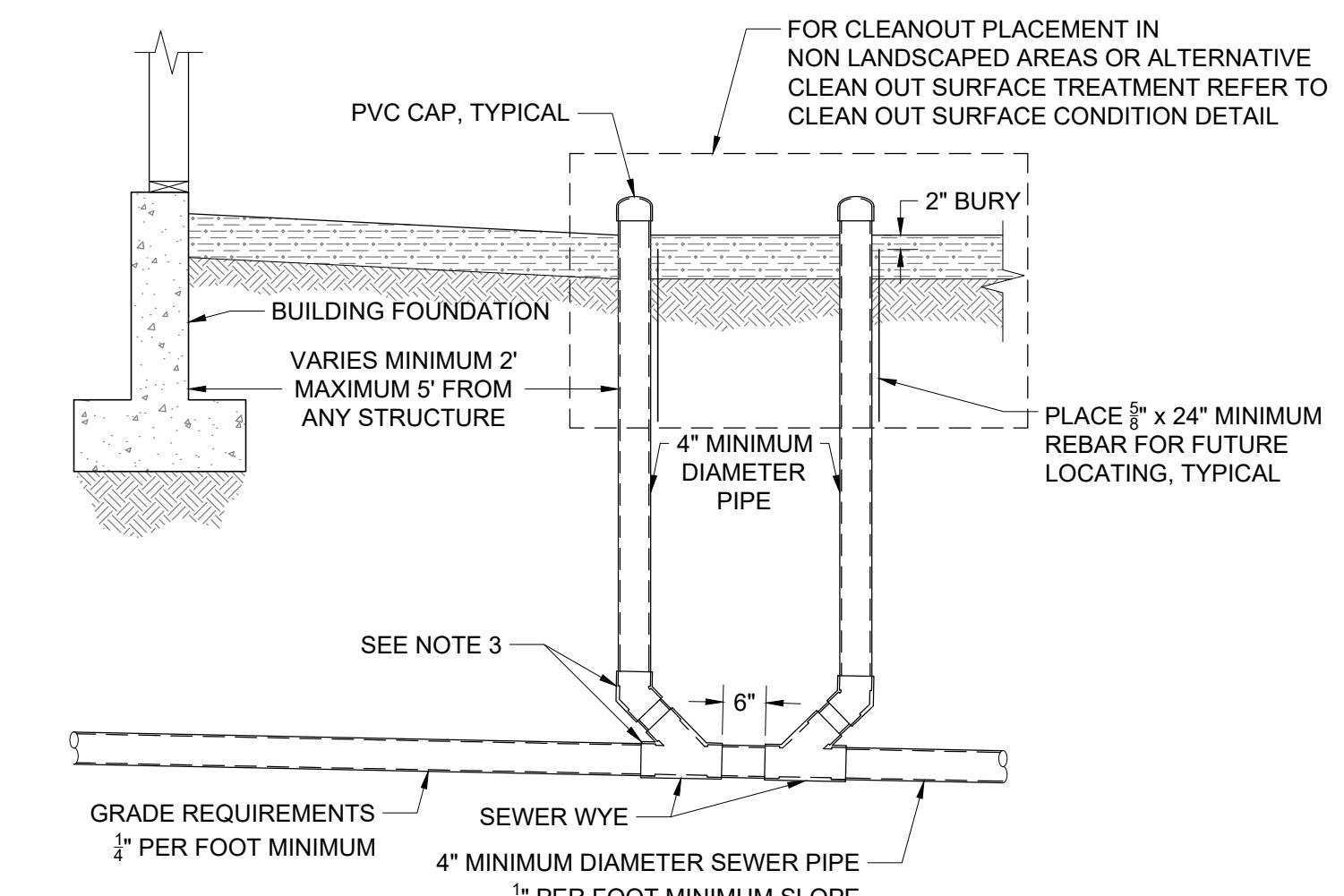
NOT TO SCALE

REV TOJ SS-114



CLEAN OUT SURFACE CONDITION DETAIL

NOT TO SCALE



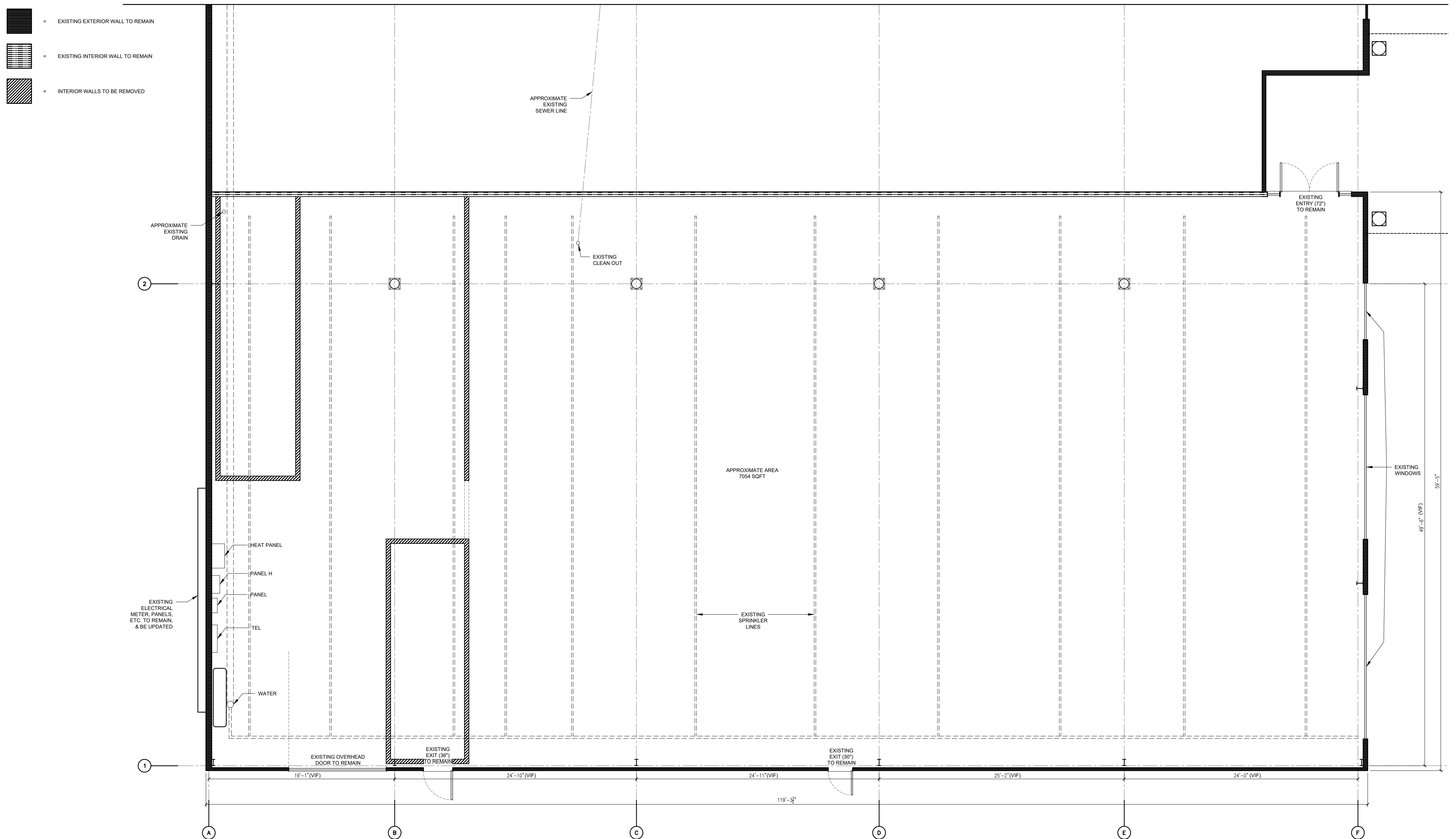
PROPOSED SEWER CONNECTION

PROJECT TITLE:
JACKSON HOLE ATHLETIC CLUB
980 W BROADWAY AVENUE #8
UNIT 8-9, POWDERHORN 980 COMMERCIAL
CONDOMINIUM ADDITION
JACKSON, WYOMING

DRAFTED BY:	JK
REVIEWED BY:	TK
PLAN VERSION	DATE
BP	06/21/2023
PROJECT NUMBER	23000
SHEET	C1.0

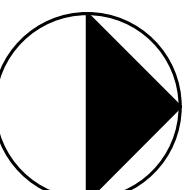


The Athletic Club At Jackson Hole



Existing Floor Plan

1/4"=1'-0"



EXISTING FLOOR PLAN

A100



DOOR NUMBER	LOCATION	DOOR		HARDWARE	NOTES
		UNIT SIZE	TYPE		
101	MAIN ENTRY	6'-0"	6'-8"	EXISTING	ENTRY (2) 3' DBL GLASS DOORS
102	EXIT 1	2'-6"	6'-8"	EXISTING	ENTRY
103	EXIT 2	3'-0"	6'-8"	EXISTING	ENTRY
104	EXISTING MECHANICAL	3'-0"	6'-8"	NEW	KEYED
105	GARAGE	10'-0"	10'-0"	EXISTING	ENTRY
106	EMPLOYEE AREAS	3'-0"	6'-8"	NEW	PRIVACY
107	LOCKER ROOM	3'-0"	6'-8"	NEW	STOREROOM
108	WOMENS LINEN CLOSET	2'-0"	6'-8"	NEW	STOREROOM
109	MENS LINEN CLOSET	4'-0"	6'-8"	NEW	STOREROOM (2) 2' DBL DOORS
110	SAUNA	2'-10"	6'-8"	NEW	PASSAGE
111	STEAM SAUNA	3'-0"	6'-8"	NEW	PASSAGE
112	NEW MECHANICAL	3'-0"	6'-8"	NEW	STOREROOM
113	JANITOR	3'-0"	6'-8"	NEW	STOREROOM
114	COLD PLUNGE MECHANICAL	4'-0"	6'-8"	NEW	STOREROOM (2) 2' DBL DOORS
201	LOFT	4'-0"	4'-0"	NEW	STOREROOM SIMPLE DBL ACCESS DOORS

GENERAL NOTES:

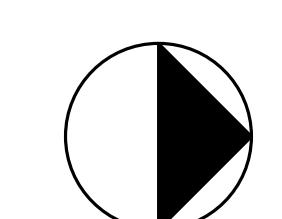
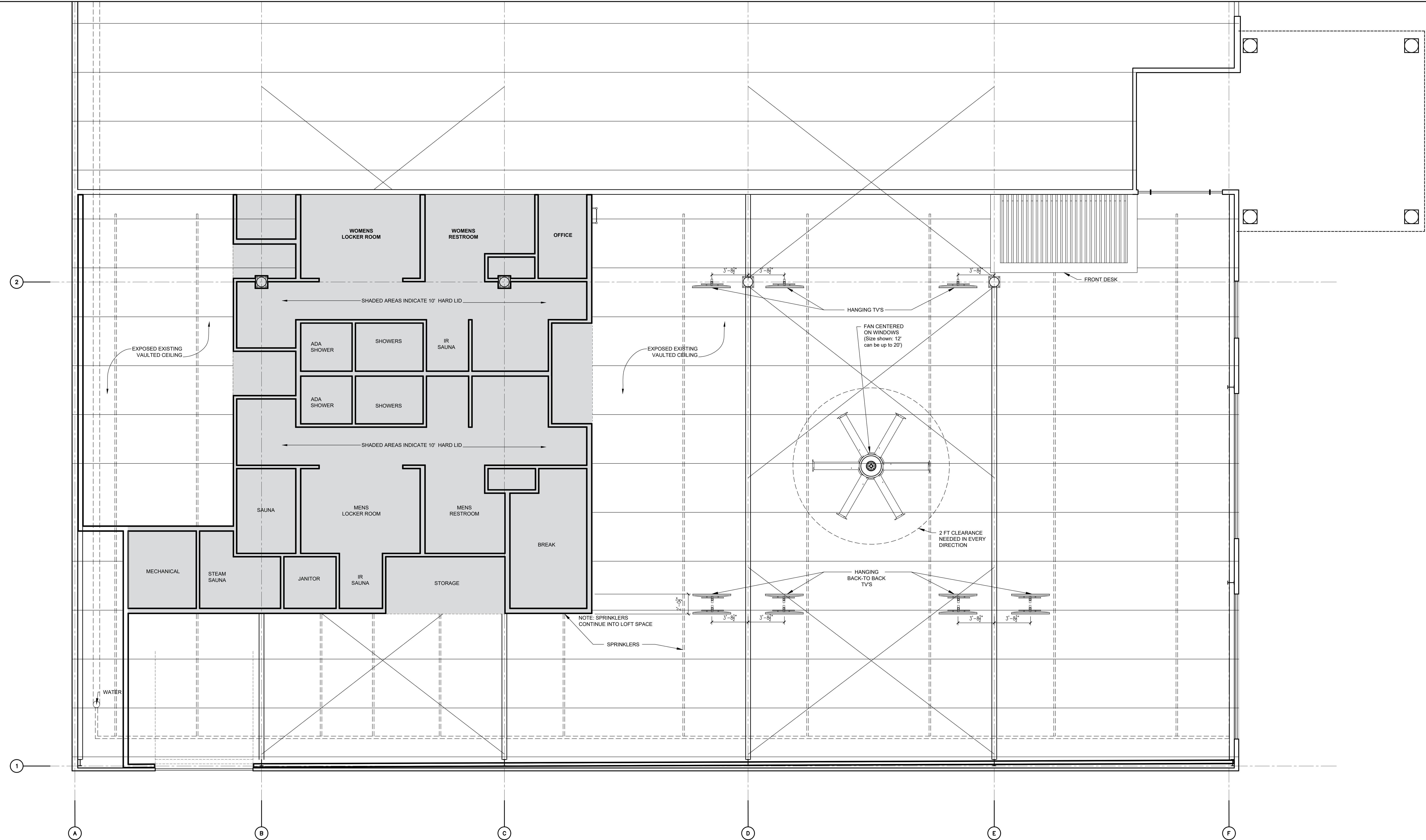
1. INTERIOR DOORS TO BE 1-3/4" THICKNESS MINIMUM MATCH EXISTING (1 3/4" H.M.).
2. PRIOR TO PURCHASING OF DOORS VERIFY SWING DIRECTIONS OF DOORS.
3. DOOR STOPS TO BE COMMERCIAL GRADE.
4. DOOR HARDWARE SHALL MEET THE REQUIREMENTS OF IBC 1010.1.9 AND SECTION 404.2.6 OF ICC A117.1-09. HARDWARE SHALL NOT REQUIRE PINCHING, TIGHT GRASPING, OR TWISTING OF THE WRIST TO OPERATE.
5. INTERIOR & EXTERIOR DOOR HARDWARE TO BE COMMERCIAL GRADE. ALL EXTERIOR DOORS TO BE KEYED ALIKE.

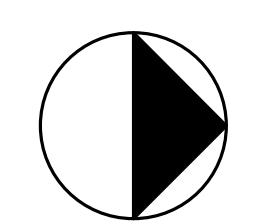
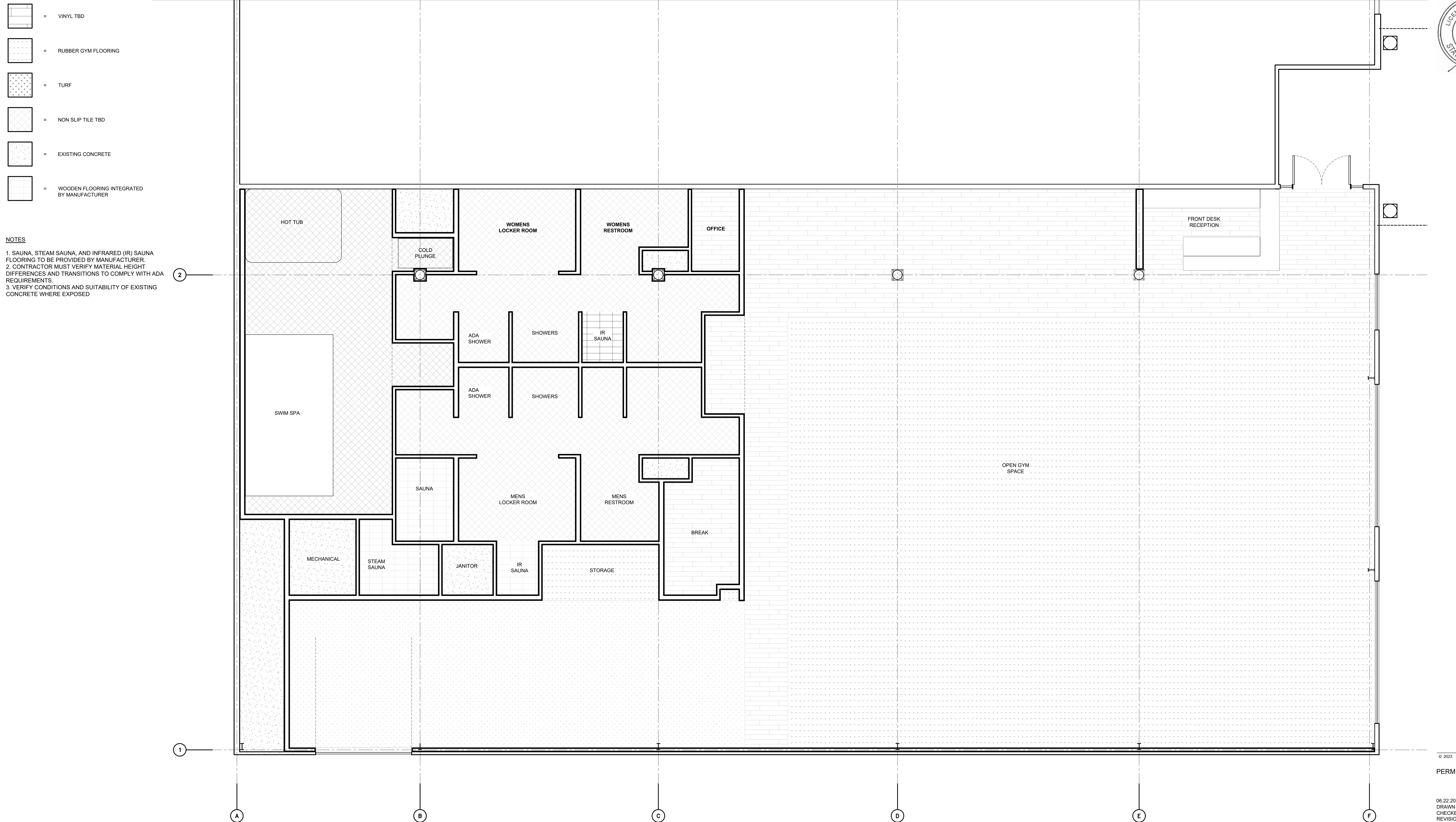


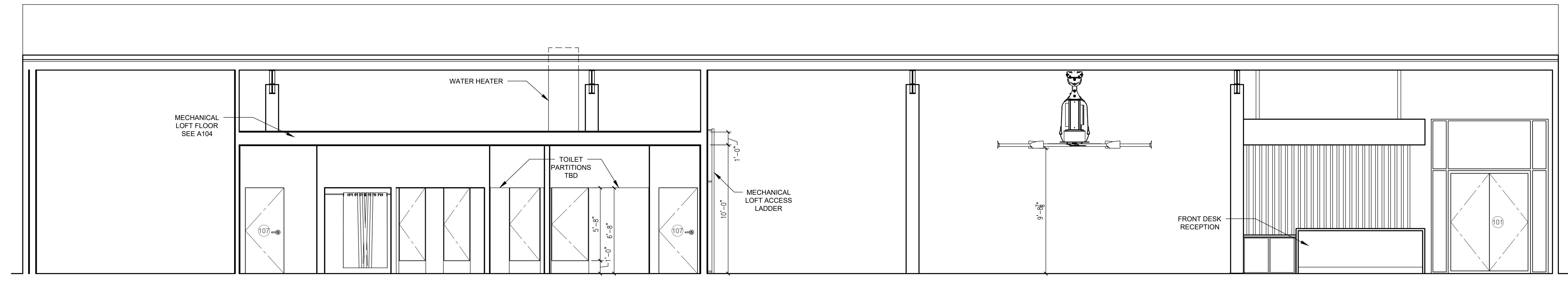


Jackson, WY

The Athletic Club At Jackson Hole

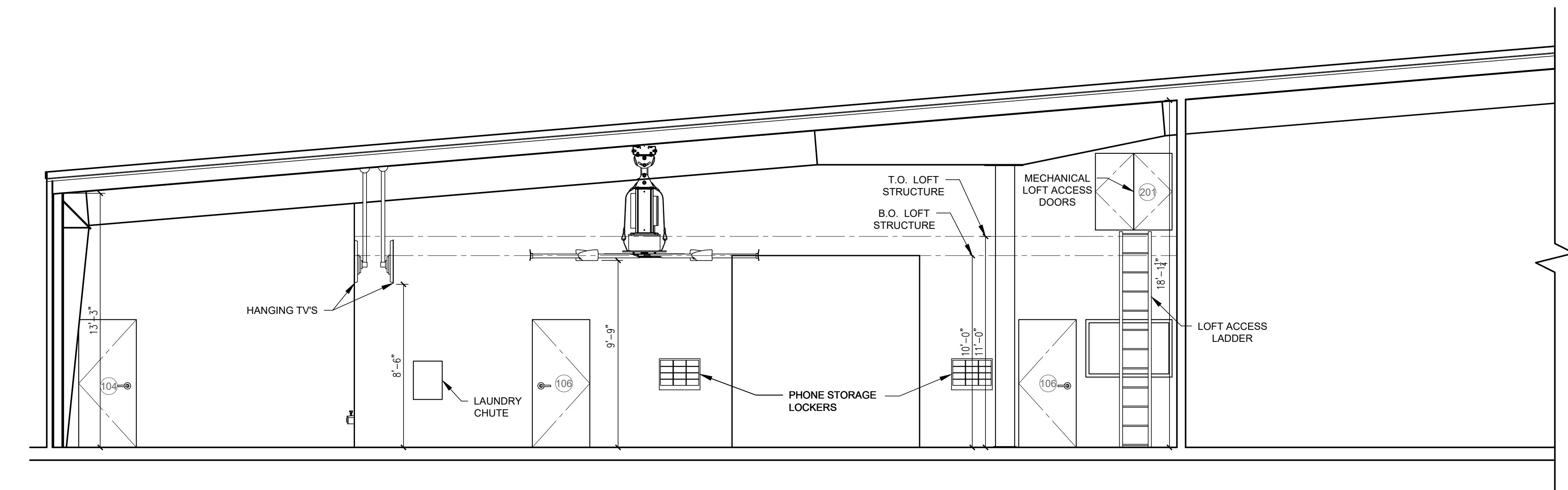






Section A

1/2"=1'-0"



Section B

1/2"=1'-0"



SECTION 1500 – MECHANICAL GENERAL PROVISIONS

PART 1 – GENERAL

- SCOPE:**
 - The Bidding Requirements, Contract Requirements, and the General Requirements of these specifications shall govern all parts of the work.
 - Work shall be performed in accordance with these specifications and the accompanying plans. Furnish all labor, materials, and equipment together with all incidentals required to supply, shew, or complete the work required by the bidder to produce the complete mechanical systems as required.
 - The HVAC Contractor(s) and all sub-contractors shall provide installed equipment cut sheets and purchase orders required for utility equipment.
 - Coordination and Site Visits:
 - The work requires examination of and reference to all structural, structural, and electrical drawings and construction conditions that will affect the HVAC system to evaluate existing facilities for verification of existing conditions. Base all measurements from established benchmarks. Any discrepancy between actual measurements and the drawings or specifications, shall be reported to the Architect/Engineer, and work halted until instructions are received from the Architect/Engineer.

PART 2 – CODES, PERMITS, FEES:

- Install all work in accordance with applicable codes and standards. Obtain all required permits and fees for the required utility connections or extensions, in conjunction with this portion of the construction. Obtain all required certificates of inspection for the work.

PART 2 – PRODUCTS

1. MATERIALS AND WORKMANSHIP:

- All materials and equipment shall be of first quality, new, full size and weight, standard in every respect, and suitable for the space required. Use the same manufacturer for products of similar class or size, whenever such a manufacturer is used for any part of the material required, and such loss, or damage before and after installation.
- Furnish equipment that will operate under the conditions of the building to establish the system, and shall be of standard size and type, unless otherwise specified by the Architect/Engineer. Operation at noise, unless otherwise specified, shall be certified by the Subcontractor at his expense.
- All materials shall be calibrated accurately and all equipment shall be adjusted to correct operation. Excessive vibration or noise from any system shall be corrected.
- Smoke Test: A smoke test shall be performed on the waste and vent system before building occupancy. After all fixtures are permanently connected and traps are filled with water, the waste and drainage system, shall be tested hydraulically, to 1.5 times the operating pressure, for a period of 20 minutes. If any leak is found, the leak shall be located, repaired, and the test repeated.
- Plumbing fixtures shall be tested hydraulically, to 1.5 times the operating pressure, to prevent damage to the piping system. Delicate control mechanisms shall be removed during tests to prevent shock damage to the system or components to the system. The test shall be performed after all fixtures and piping are connected.
- A test report shall be furnished to the architect/ engineer. The test report forms a part of Specifications Section 15200, or available from the Architect/Engineer.

- Other piping systems shall be tested hydraulically, to 1.5 times the operating pressure, for a period of 20 minutes. If any leak is found, the leak shall be located, repaired, and the test repeated.
- Plumbing fixtures shall be tested hydraulically, to 1.5 times the operating pressure, to prevent damage to the piping system. Delicate control mechanisms shall be removed during tests to prevent shock damage to the system or components to the system. The test shall be performed after all fixtures and piping are connected.
- A test report shall be furnished to the architect/ engineer. The test report forms a part of Specifications Section 15200, or available from the Architect/Engineer, and work halted until instructions are received from the Architect/Engineer, and work halted until instructions are received from the Architect/Engineer.

2. SUBMITTALS AND SUBSTITUTIONS:

- Manufacturer's trade names and catalog numbers listed herein are intended to indicate the quality of materials or products desired. All manufacturers not specifically listed require prior approval. Submit catalog data and technical specifications for all materials and equipment. All manufacturers must receive prior approval from the Architect/Engineer for his approval at least 10 calendar days prior to bid opening. Notice of such approvals will be published in an addendum. All alternate equipment manufacturers are to bid only.
- Work shall be installed in a neat and workmanlike manner by competent specialists for each sub trade. Work shall be installed in accordance with the conditions of the building to establish the system, and shall be tested hydraulically, to 1.5 times the operating pressure, and to the satisfaction of the Architect/Engineer. Operation at noise, unless otherwise specified, shall be certified by the Subcontractor at his expense.
- All cutting and patching necessary to install the work specified in this section. Patching shall match adjacent surfaces. No structural members shall cut without the approval of the Architect/Engineer. Provide all sleeves and inserts required before the floors and walls are built.
- Locate all equipment that must be serviced in fully accessible positions, providing necessary access for removal of components, and necessary couplings or fittings to remove the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

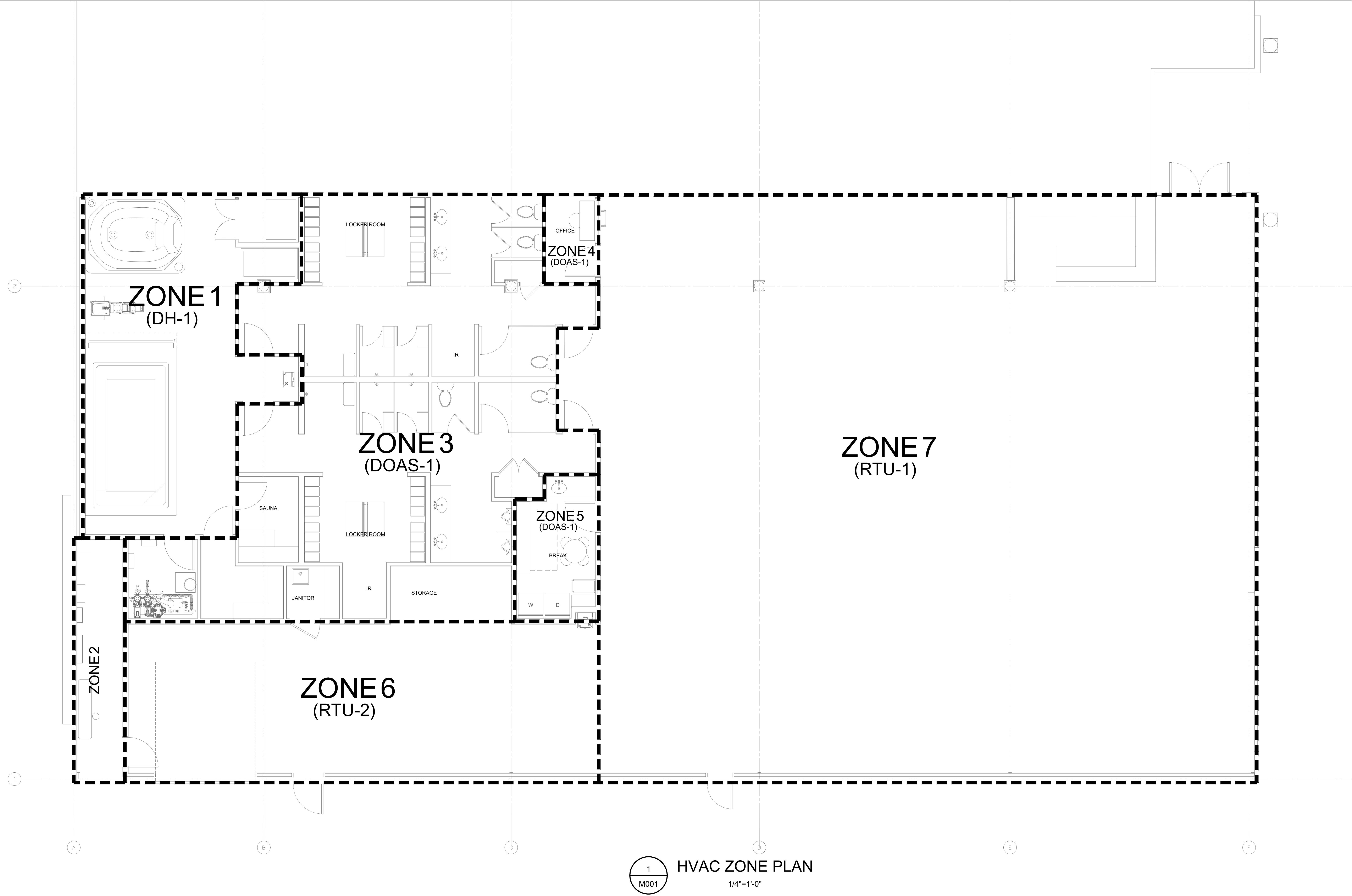
- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

- Provide all required drawings and data for the required parts and components, and necessary drawings for removal of the component for maintenance.

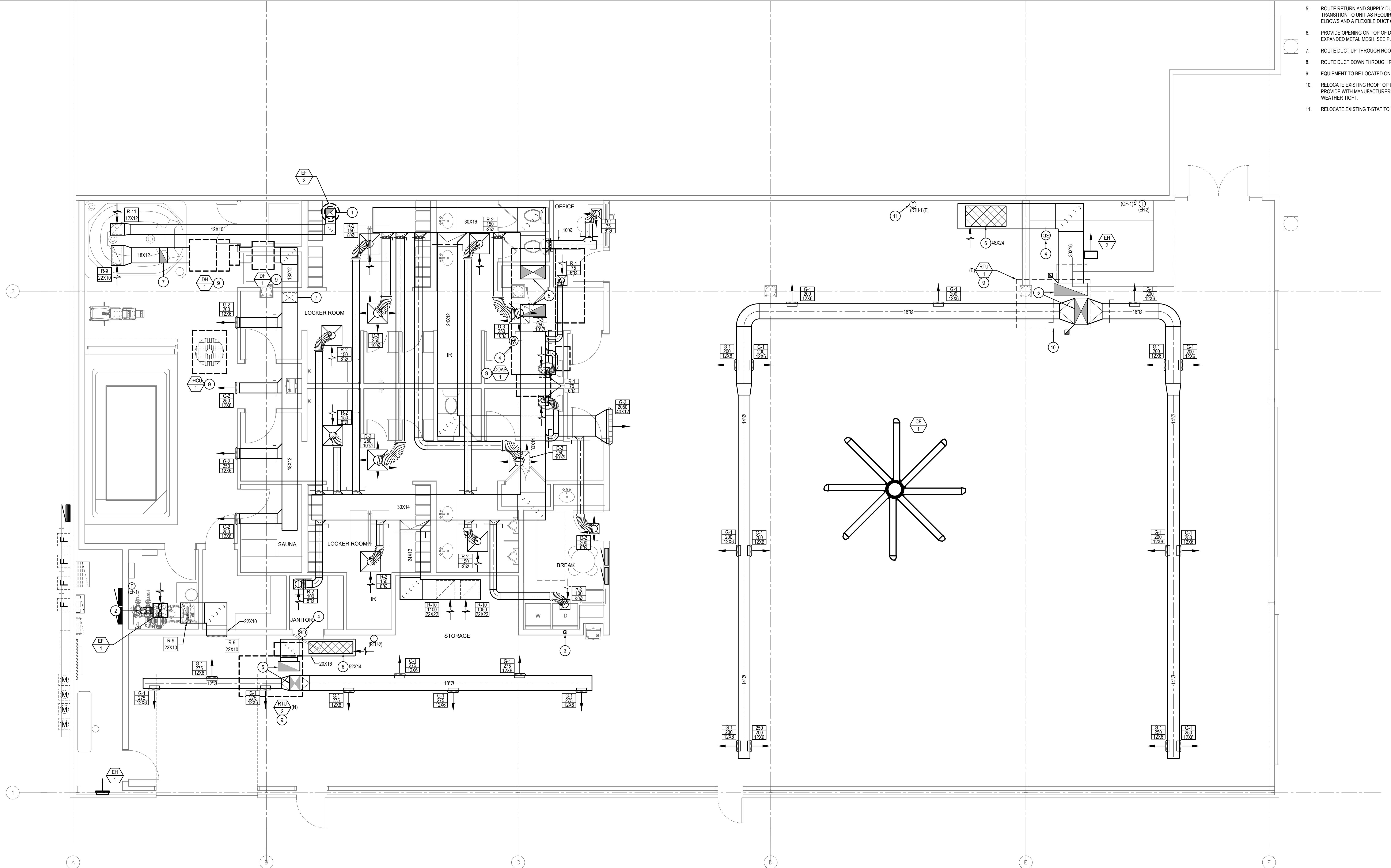




KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

- ROUTE EXHAUST DUCT UP THROUGH ROOF TO FAN OUTLET. TRANSITION TO FAN OPENING AND PROVIDE FLEXIBLE CONNECTION AT FAN.
- ROUTE EXHAUST DUCT UP THROUGH ROOF TERMINATE WITH FACTORY ROOF CAP.
- ROUTE A DRYER EXHAUST DUCT UP THROUGH ROOF AND TERMINATE WITH ROOF CAP. SEE DETAIL FOR REQUIREMENTS.
- SMOKE DUCT DETECTOR IN RETURN DUCT SHALL SHUT DOWN UNIT UPON DETECTION OF SMOKE. SMOKE DETECTOR SHALL BE PROVIDED AND WIRED BY ELECTRICAL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.
- ROUTE RETURN AND SUPPLY DUCTS UP THROUGH ROOF AND TRANSITION TO UNIT AS REQUIRED. PROVIDE TURNING VANES IN ELBOWS AND A FLEXIBLE DUCT CONNECTION AT UNIT.
- PROVIDE OPENING ON TOP OF DUCT. COVER OPENING WITH EXPANDED METAL MESH. SEE PLAN FOR REQUIRED SIZE.
- ROUTE DUCT UP THROUGH ROOF.
- ROUTE DUCT DOWN THROUGH ROOF.
- EQUIPMENT TO BE LOCATED ON ROOF.
- RELOCATE EXISTING ROOFTOP UNIT TO THIS LOCATION. PROVIDE WITH MANUFACTURERS CURB. SEAL EXISTING CURB WEATHER TIGHT.
- RELOCATE EXISTING T-STAT TO THIS LOCATION.



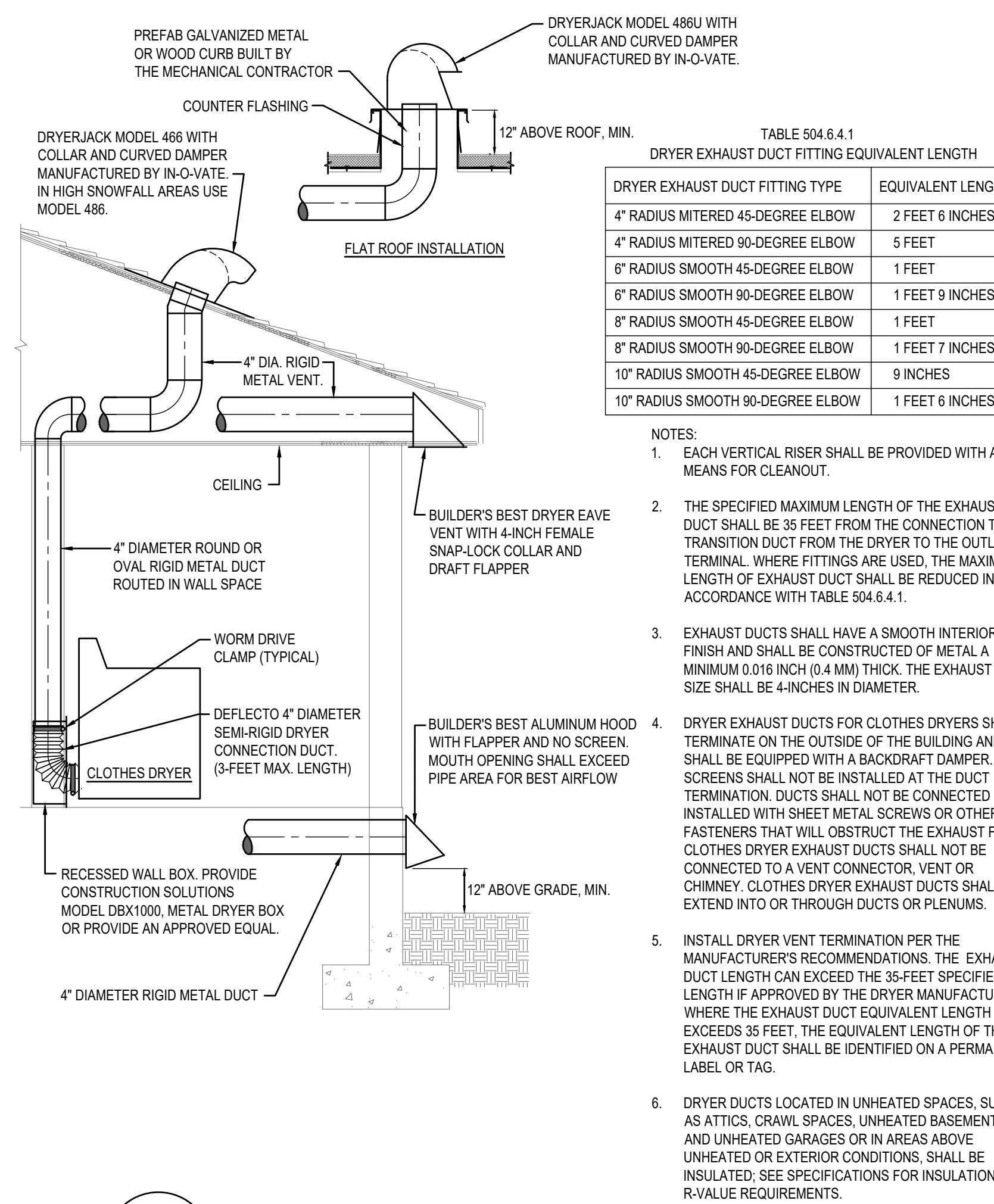
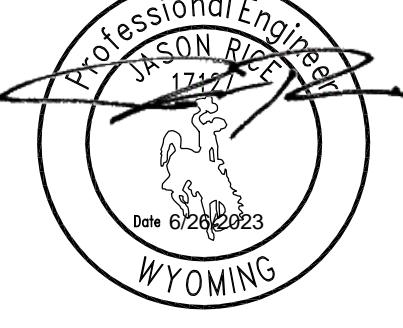
1
M100
HVAC FLOOR PLAN
1/4"=1'-0"

Jackson, WY
The Athletic Club at Jackson Hole

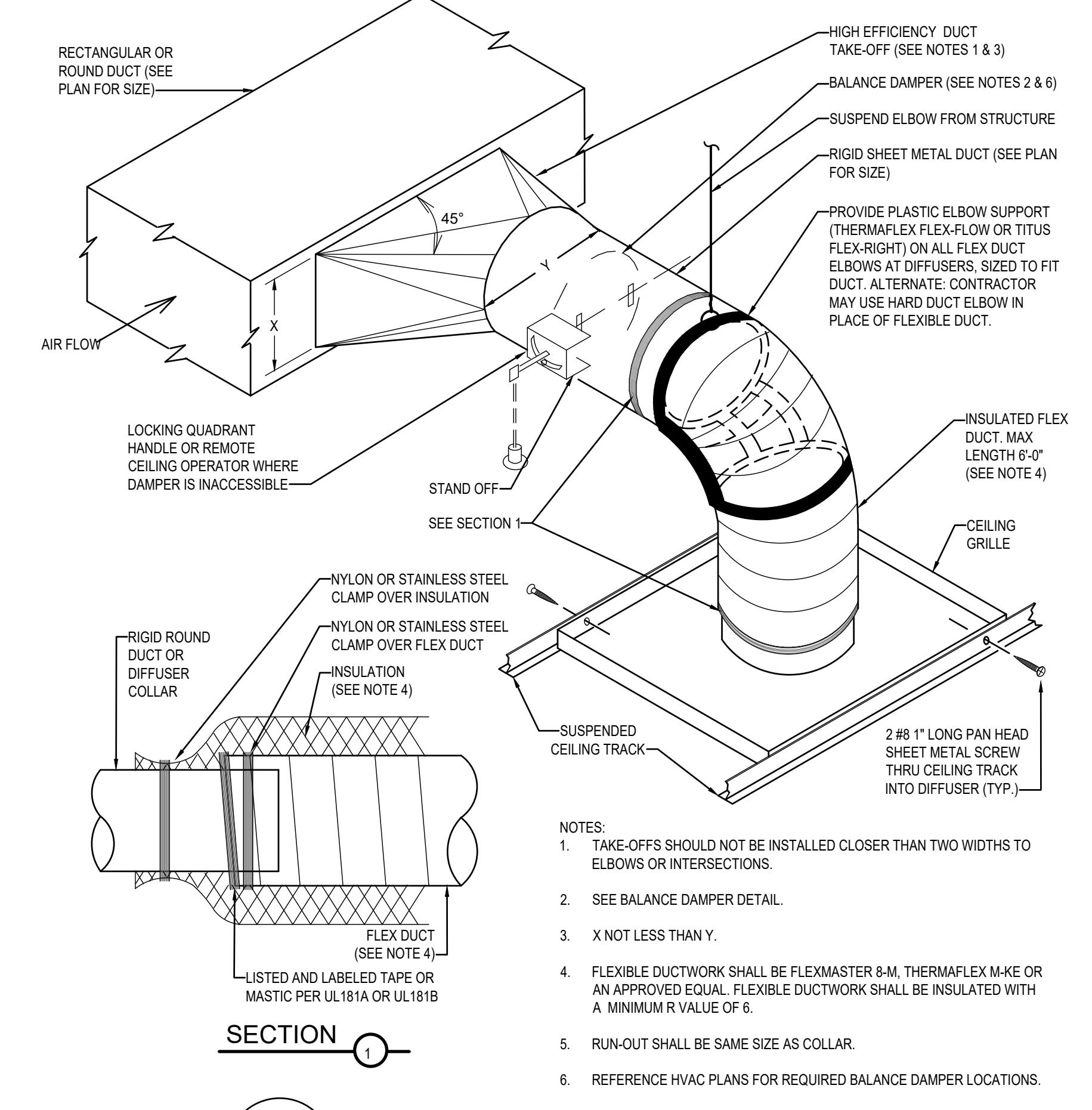
© 2021 | ALL RIGHTS RESERVED
CD
05.26.2023
DRAWN BY | JD
CHECKED BY | JD
REVISIONS

HVAC FLOOR
PLAN

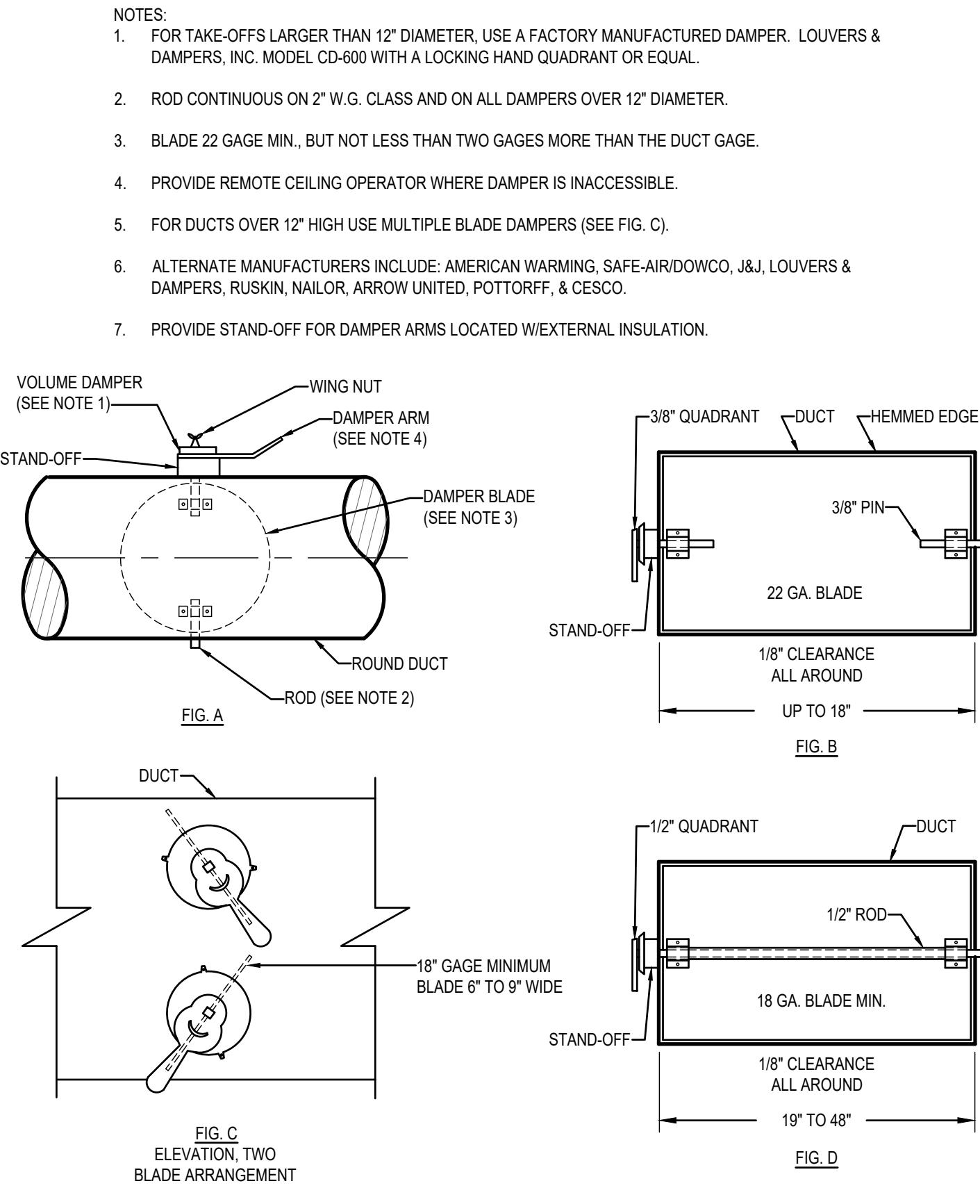
M100



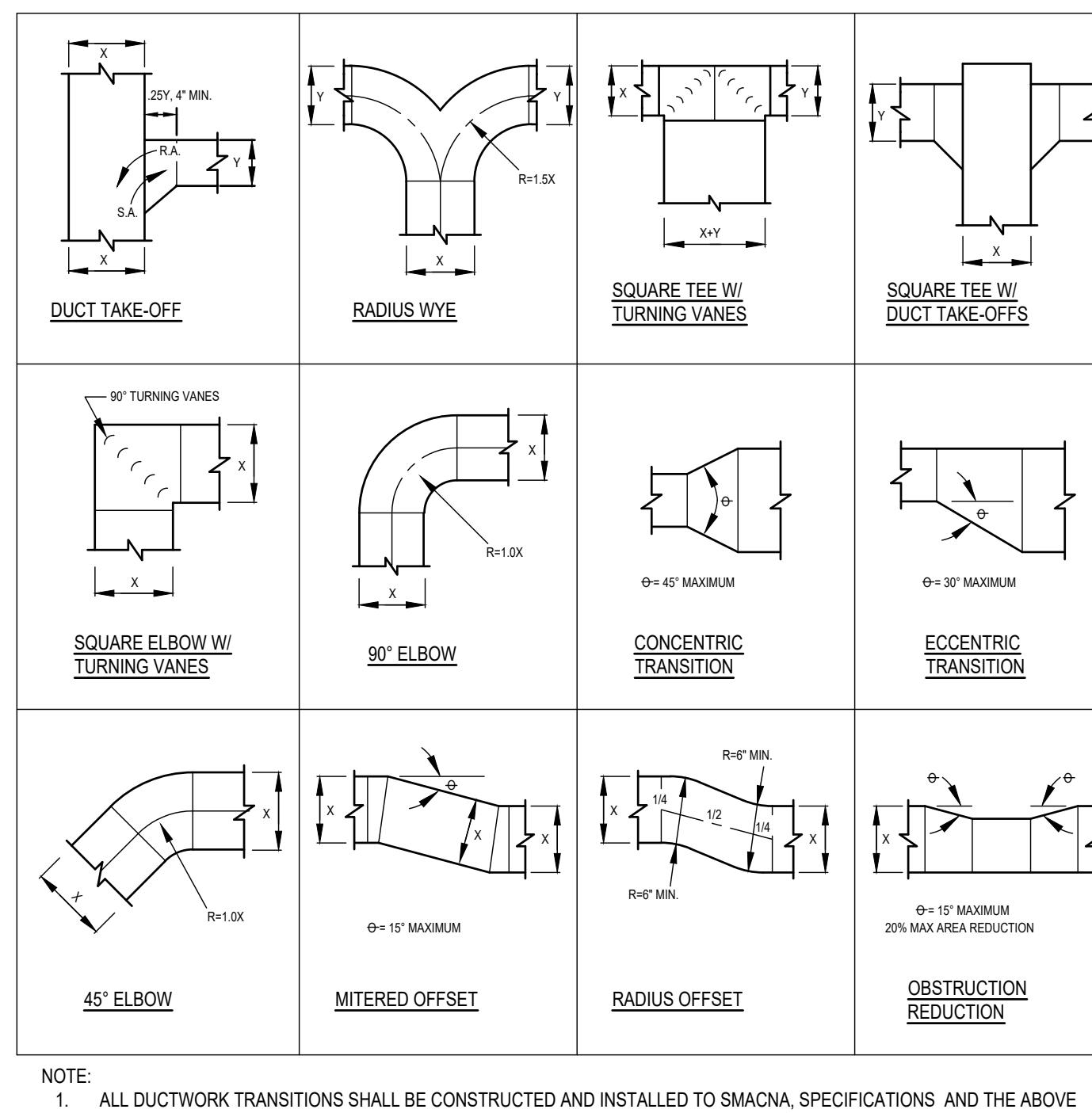
1 CLOTHES DRYER INSTALLATION DETAIL
(SEE PLAN FOR OUTLET TYPE)



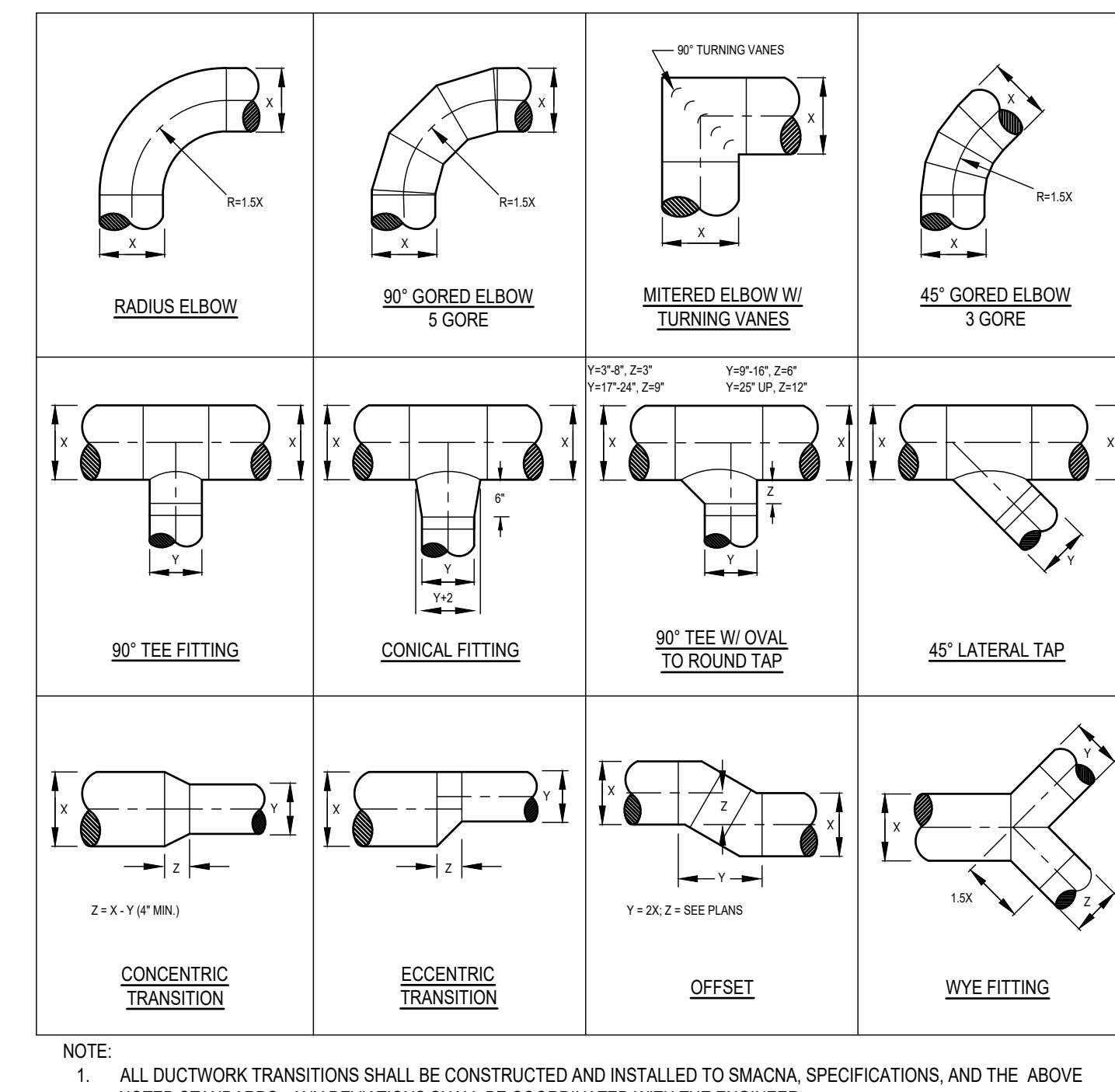
2 HIGH EFFICIENCY TAKE-OFF DETAIL
(NOT TO SCALE)



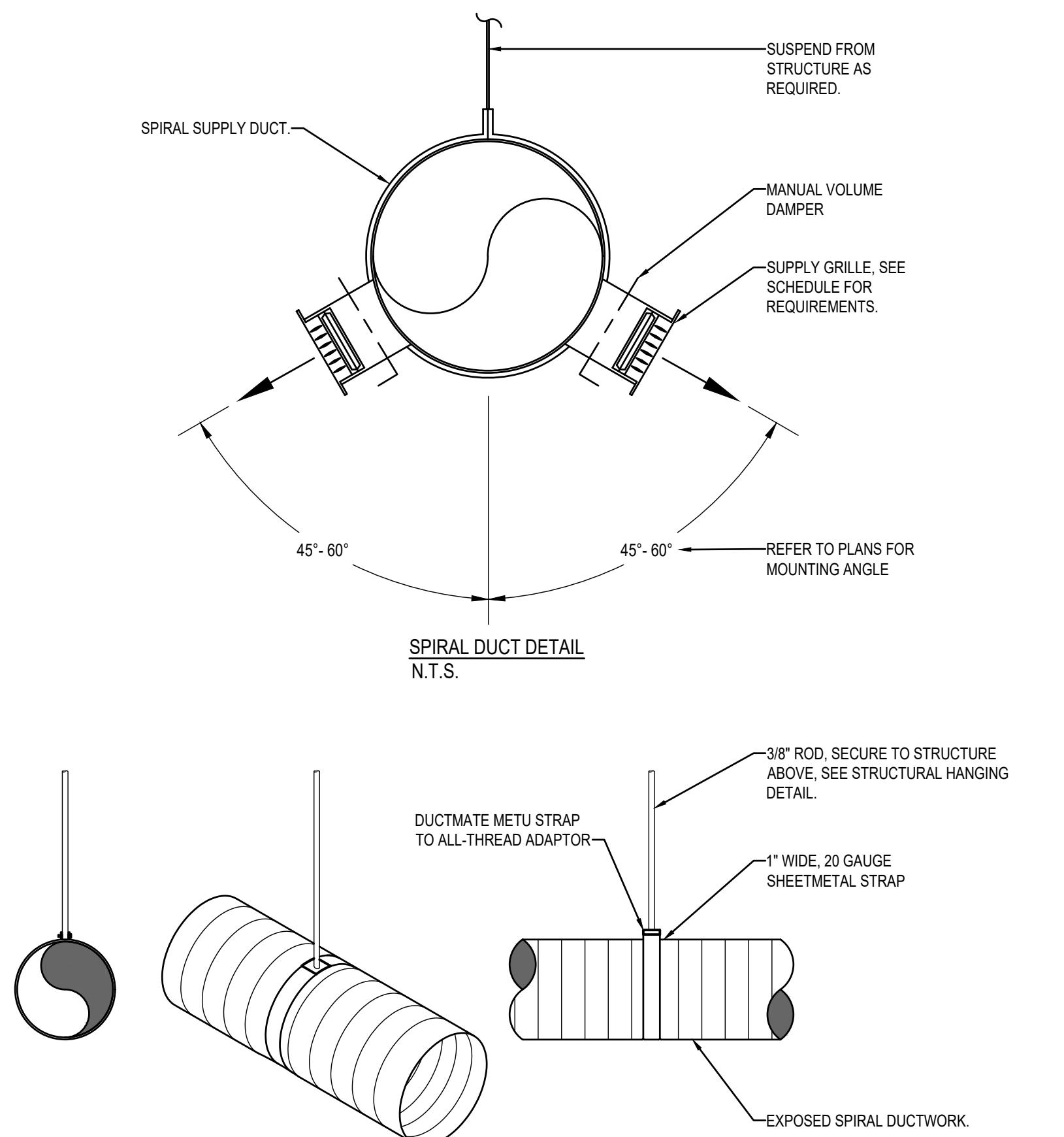
3 BALANCE DAMPER DETAIL
(NOT TO SCALE)



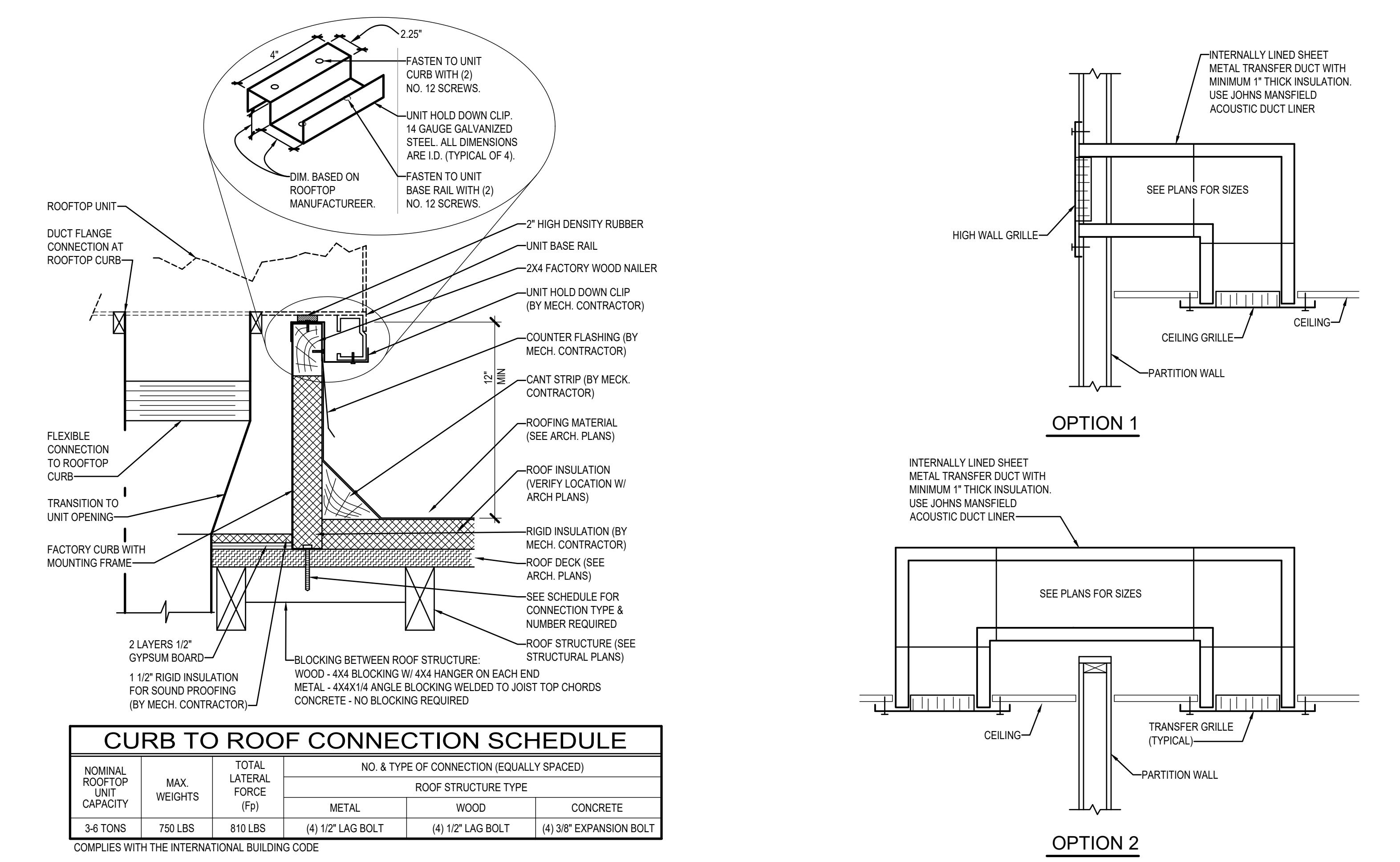
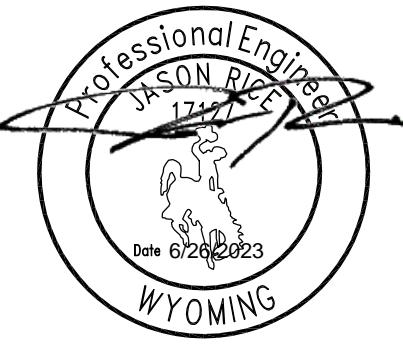
4 RECTANGULAR DUCT FITTING DETAILS
(NOT TO SCALE)



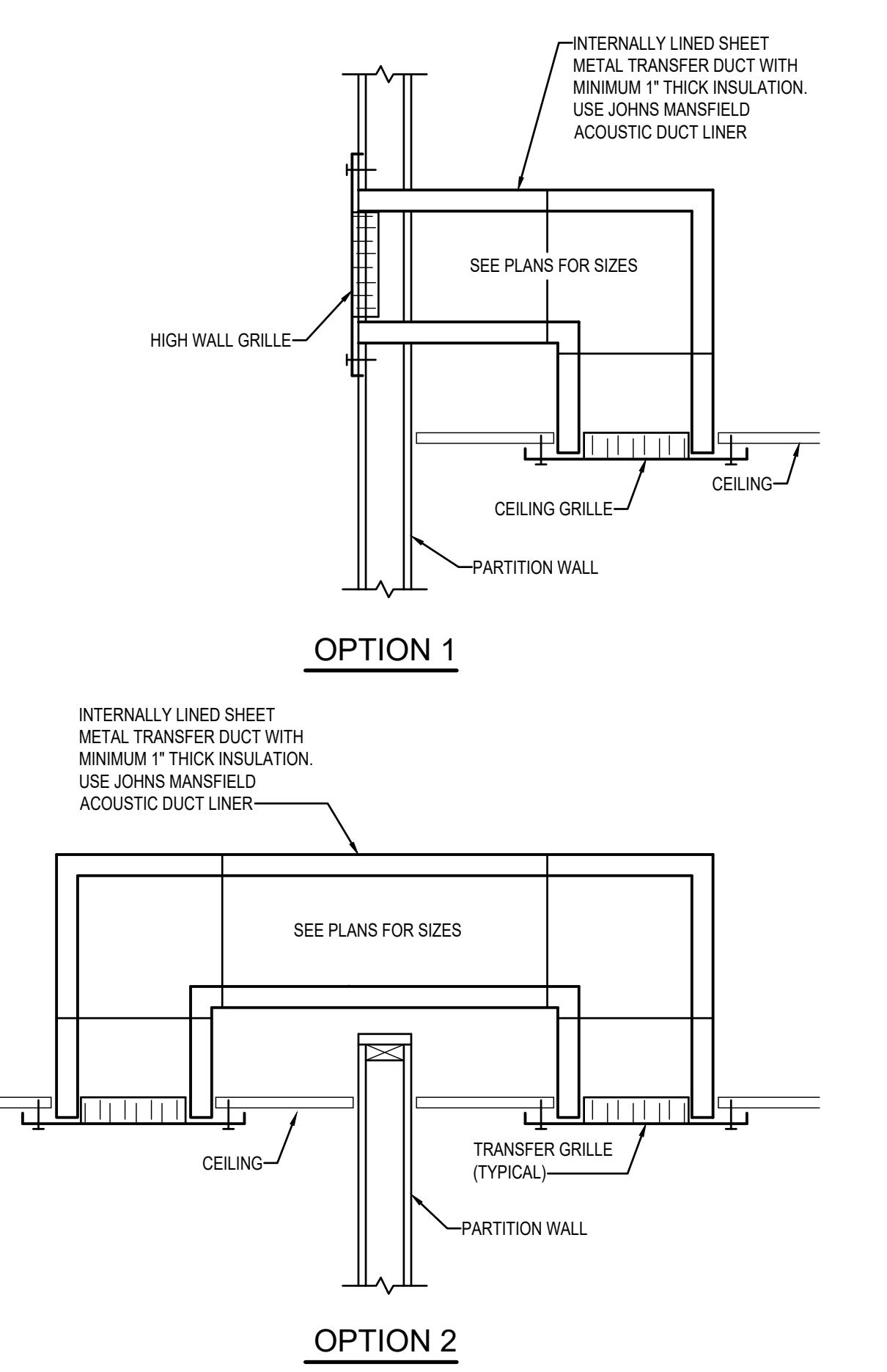
5 ROUND DUCT FITTING DETAILS
(NOT TO SCALE)



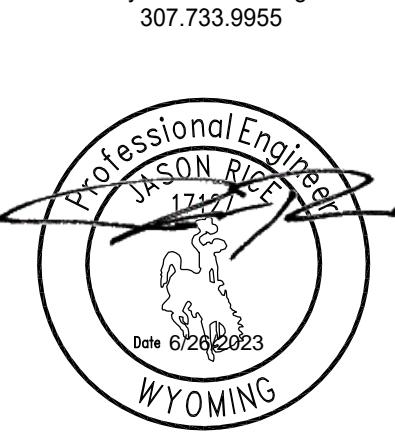
6 EXPOSED SPIRAL DUCT SUPPORT DETAIL
(NOT TO SCALE)



1 ROOFTOP UNIT - MOUNTING DETAIL
NOT TO SCALE



2 TRANSFER DUCT DETAIL
NOT TO SCALE



DEDICATED OUTSIDE AIR SYSTEM (DOAS) SCHEDULE																													
SYMBOL	AREA SERVED	SUPPLY FAN			RETURN / EXHAUST FAN			WHEEL PERFORMANCE SUMMER DESIGN (°F)		WHEEL PERFORMANCE WINTER DESIGN (°F)		COOLING W/ SUMMER WHEEL CONDITIONS		GAS HEATING		UNIT ELECTRICAL		MIN. SEER	OPER. WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS								
		CFM	ESP	HP	DRIVE	CFM	ESP	HP	DRIVE	EDB	EWB	LDB	EDB	EWB	LDB	EDB	EWB	INPUT MBH	OUTPUT MBH	MCA	MOPC	V/I							
DOAS-1	LOCKER ROOM	3075	1.0	3.0	DIR.	2925	1.0	2.0	DIR.	95.0	58.2	81.7	75.0	61.5	-30.0	-30.4	33.0	72.0	54.3	65.1	230	184	41.4	50	208/3	--	3500	GREENHECK RVE-40-36D-51-G-A1	1,2,3,4

REMARKS:

1. APPROVED ALTERNATE MANUFACTURERS: AAON, MAMMOTH, ADDISON, AND DAIKIN.
2. PROVIDE WITH MANUFACTURER'S CONTROLLER.
3. PROVIDE UNIT WITH 24" ROOF CURB, FLUE EXTENDER, HAIL GUARDS, HIGH ALTITUDE KIT, SINGLE POINT POWER CONNECTION, ELECTRICAL CONNECTION THROUGH THE BOTTOM OF THE CURB KIT, NEMA 3R DISCONNECT SWITCH, HINGED ACCESS PANELS, LOW AMBIENT CONTROLS, EXHAUST ONLY FROST PREVENTION CONTROLS, MOTOR STARTERS, 2" 30% FILTERS IN EACH AIR STREAM, DX COOLING WITH INVERTER COMPRESSOR(S), STAINLESS STEEL HEAT EXCHANGER WITH 7 YEAR WARRANTY, MODULATING GAS VALVE, VIBRATION ISOLATION ON EACH FAN, INTAKE AND EXHAUST WEATHER HOODS, DISCHARGE AIR TEMPERATURE SENSOR, AND UL APPROVAL LISTING.
4. MAXIMUM "A"WEIGHTED" SUPPLY AIR SOUND RATINGS FOR UNITS 2-18 TONS = 95 DB @ 125 HZ, 90 DB @ 250 HZ, PER ARI STANDARDS 270 & 370.

PACKAGED AIR CONDITIONING SCHEDULE																						
SYMBOL	AREA SERVED	NOM. TONS	SUPPLY FAN			GAS HEATING CAPACITY		RTU ELECTRICAL		ELECTRICAL POWER EXHAUST		OSA CFM	MIN. SEER	OPER. WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS						
			CFM	ESP	BRAKE HP	DRIVE	TOTAL MBH	SENS. MBH	INPUT MBH	OUTPUT MBH	MCA	MOPC	V/I	STATIC	MCA	MOPC	V/I					
RTU-1	LARGE GYM	--	--	--	--	--	--	--	250	--	--	--	--	--	--	--	0	--	EXISTING	--		
RTU-2	SMALL GYM	6	2200	0.50*	1.37	DIRECT ECM	66.8	59.0	132/105.6	105.6/84.5	28	45	208/3	0.25*	8	14.4	208/3	0	11.0 EER (15 IER)	1,100	CARRIER 48FCFM07 STANDARD EFFICIENCY	1,2,3,4,5

REMARKS:

1. APPROVED ALTERNATE MANUFACTURERS: TRANE, AAON, LENNOX, DAIKIN, AND YORK.
2. PROVIDE UNIT WITH SEVEN-DAY PROGRAMMABLE AUTO-CHANGE-OVER WITH 5 DEGREE DEADBAND, ADAPTIVE INTELLIGENT AUTOMATIC START/ CONTROL, 3 STAGE HEAT, 2 STAGE COOLING THERMOSTAT HONEYWELL VISIONPRO MODEL TH8321R1001 WITH ECONOMIZER FAULT DETECTION. THERMOSTAT SHALL BE POWERED BY A 24V WIRE CONNECTION.
3. PROVIDE UNIT WITH MANUFACTURER'S 24" ROOF CURB, MICROMETL WELDED SPRING ISOLATION CURB (SEE DETAIL FOR SEISMIC RESTRAINTS), SEE ROOFTOP UNIT DETAIL FOR MIN. PROVIDE WITH STAINLESS STEEL HEAT EXCHANGERS. PROVIDE WITH 2" PLEATED MERV 8 FILTER AND FILTER RACK WITH 4 EXTRA SETS. PROVIDE AND INSTALL HAL GUARDS, FLUE EXTENDER, HIGH ALTITUDE KIT, THRU-THE-BOTTOM OF CURB ELECTRICAL CONNECTION KIT.
4. MAXIMUM "A"WEIGHTED" SUPPLY AIR SOUND RATINGS FOR UNITS 2-18 TONS = 95 DB @ 125 HZ, 90 DB @ 250 HZ, PER ARI STANDARDS 270 & 370.
5. PROVIDE WITH CONSTANT FLOW - MICROMETL GEAR DRIVEN INTEGRATED DRY BULB ECONOMIZER WITH BELMO LOGIC ACTUATORS, MICROMETL CENTRIFUGAL POWER EXHAUST WITH WIRING HARNESS AND JADE CONTROLLER (USE JADE ONLY FOR STANDALONE TSTAT). ELECTRICAL CONTRACTOR TO PROVIDE THE POWER CONNECTION BETWEEN RTU AND THE POWER EXHAUST AND PROVIDE FUSED DISCONNECT AS REQUIRED.

LARGE DIAMETER CEILING FAN SCHEDULE														
SYMBOL	AREA SERVED	BLOWER			ELECTRICAL		OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL					REMARKS	
		FAN DIAMETER	CFM	MAX RPM	AMPS	V/I								
CF-1	GYM	14 FT	--	56	10 A	120/1	100	BIG ASS FAN MODEL ESSENCE					1,2,3	

REMARKS:

1. APPROVED ALTERNATE MANUFACTURERS: MACRAIR, GREENHECK.
2. PROVIDE WITH 10 TEC AIRFOIL BLADES, DIRECT DRIVE MOTOR, FULLY ADJUSTABLE SPEED CONTROLLER, 10 YEAR WARRANTY, DOWN ROD, AND GUIDEWIRES.
3. PROVIDE WITH LED WALL CONTROLS.

ELECTRIC HEATER SCHEDULE														
SYMBOL	AREA SERVED	UNIT TYPE		FAN		ELECTRICAL		MANUFACTURER AND MODEL	REMARKS					
				CFM	RPM	HP	KW	STEPS	V/I	AMPS				
EH-1	RISER ROOM	SURFACE MOUNTED		245	1400	1/8	2	--	208/1	9.6	QMARK MODEL AWH			1,2,3
EH-2	FRONT DESK	TOE-KICK		100	1400	--	1.1	--	120/1	9.2	QMARK MODEL QTS			1,4

REMARKS:

1. APPROVED ALTERNATE MANUFACTURERS: BRASCH, QMARK, INDECO, OUELLET, AND CHROMALOX.
2. MOUNT BOTTOM OF HEATER 24" ABOVE FINISH FLOOR.
3. PROVIDE UNIT WITH AN INTEGRAL THERMOSTAT. THERMOSTAT SHALL BE COVERED WITH A TAMPER-PROOF ACCESS COVER.
4. PROVIDE UNIT WITH A REMOTE WALL MOUNTED LINE-VOLTAGE THERMOSTAT.

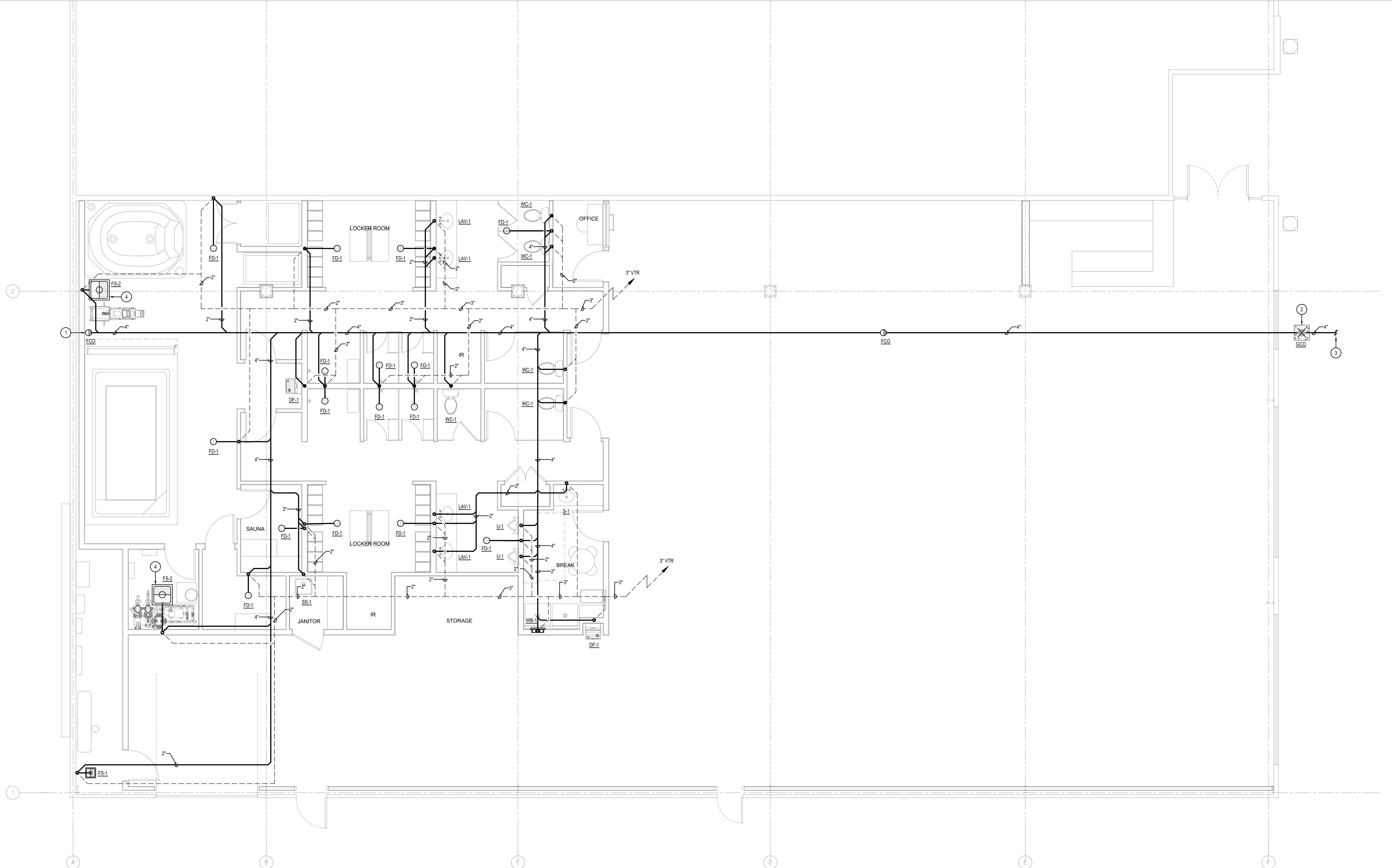
DEHUMIDIFICATION UNIT SCHEDULE																		
SYMBOL	AREA SERVED	SUPPLY FAN		INDOOR CONDITIONS		DH UNIT ELECTRICAL DATA		EVAPORATOR (COOLING)		AIR COOLED CONDENSER		FILTERS		OSA CFM	DH OPERATING WEIGHT (LBS)	DHCU OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS
		CFM	ESP	HP	DB	RH	V/I	MCA	MOPC	TOTAL MBH	SENSIBLE MBH	MOISTURE REMOVAL (LBS/HR)	AMBIENT TEMP (°F)	MCA	MOPC	V/I	RETURN AIR (MERV/DEPTH)	OUTSIDE AIR (MERV/DEPTH)
DH-1, DHCU-1	POOL ROOM	950	1.0	1	84.0	55%												



KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

1. STARTING INVERT ELEVATION AT FCO SHALL BE 18" BELOW FINISHED FLOOR (BFF).
2. THE WASTE LINE INVERT ELEVATION AT THIS LOCATION IS 48-INCHES BELOW FINISH FLOOR (BFF). THIS INVERT ELEVATION IS BASED ON A STARTING POINT OF 18-INCHES BFF WITH A LINE SLOPE OF 1/4" PER FOOT. SEE CIVIL SITE PLAN FOR CONTINUATION.
3. SEE CIVIL PLAN FOR CONTINUATION.
4. COORDINATE WITH POOL CONTRACTOR ON EXACT LOCATION OF DRAIN.



WASTE & VENT FLOOR PLAN
1/4"=1'-0"
P100

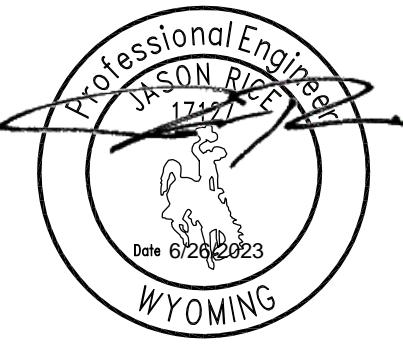
Jackson, WY
The Athletic Club at Jackson Hole

© 2021 | ALL RIGHTS RESERVED
CD

05.26.2023
DRAWN BY JD
CHECKED BY JR
REVISIONS

PLUMBING WASTE &
VENT FLOOR PLAN

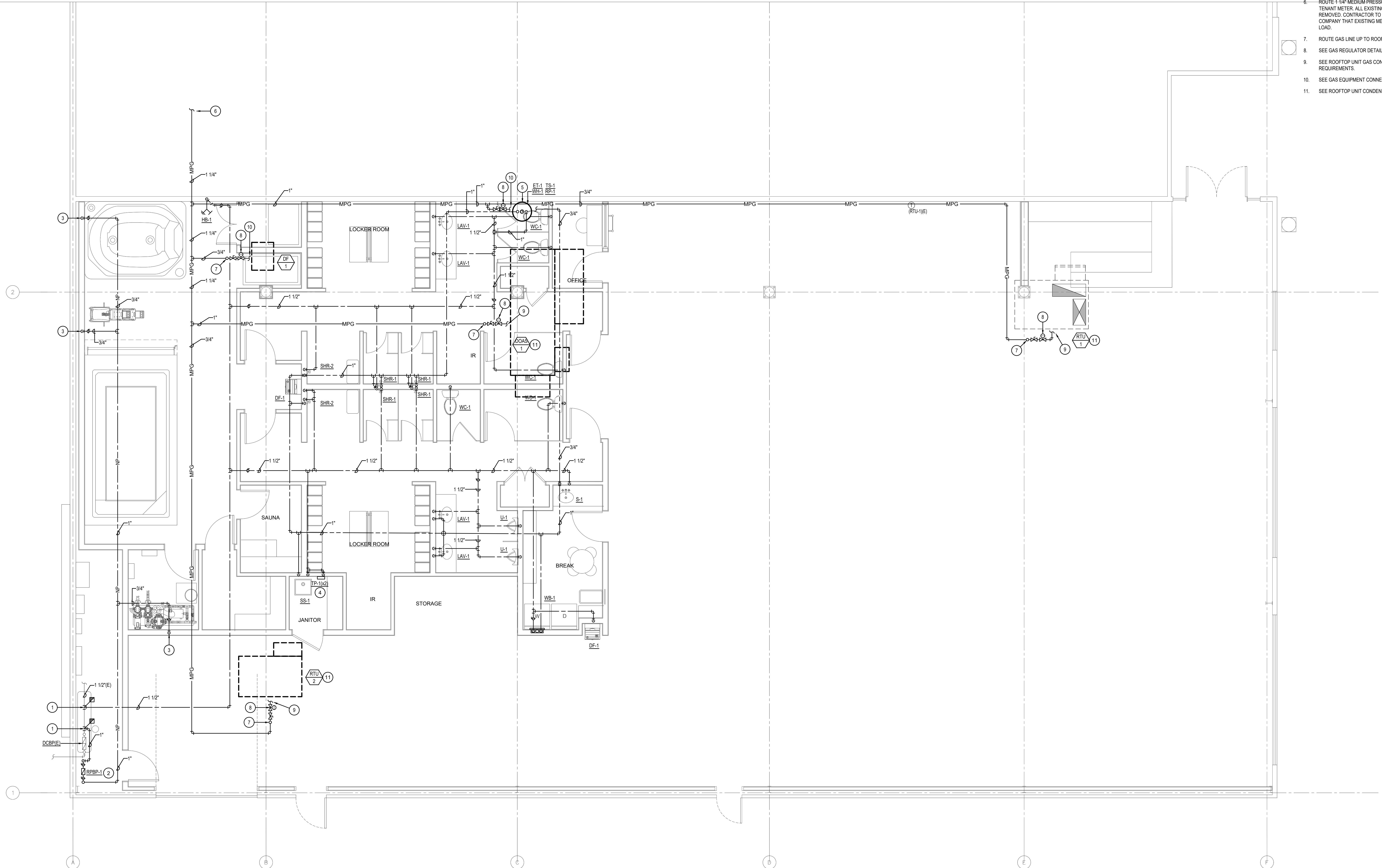
P100



KEYED NOTES:

(#) SYMBOL USED FOR NOTE CALLOUT.

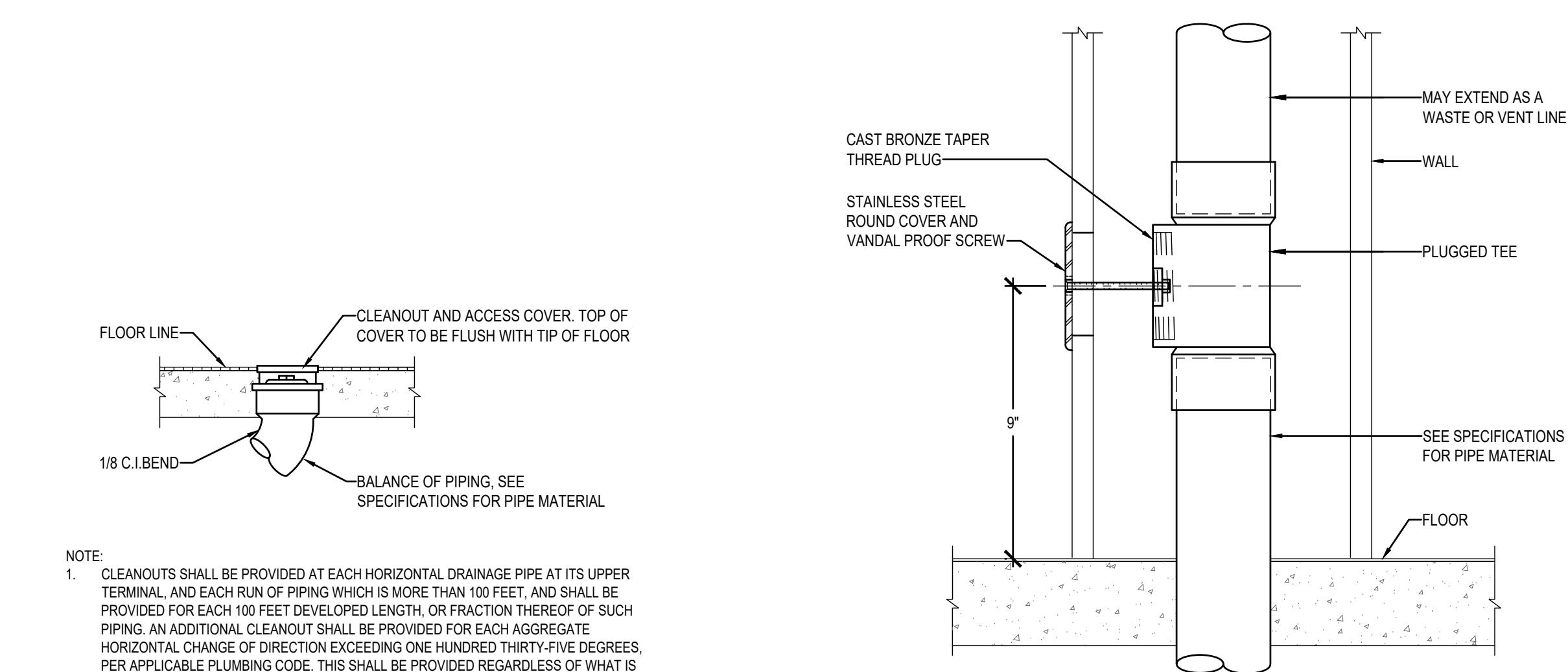
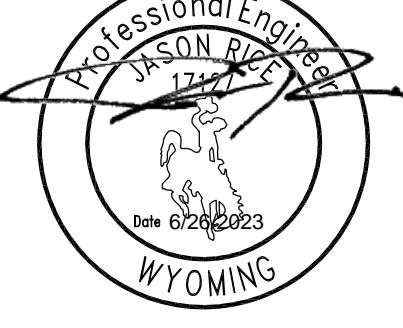
1. CONNECT NEW COLD WATER LINE TO EXISTING COLD WATER LINE. CONTRACTOR TO VERIFY EXACT LOCATION.
2. SEE POINT OF USE RPBP DETAIL FOR ADDITIONAL REQUIREMENTS.
3. ROUTE 3/4" NON-POTABLE COLD WATER LINE DOWN WALL. COORDINATE WITH POOL CONTRACTOR FOR FINAL CONNECTION.
4. SEE TRAP PRIMER DETAIL FOR REQUIREMENTS.
5. WATER HEATER TO BE INSTALLED UP ON LOFT. SEE WATER HEATER DETAIL FOR ADDITIONAL REQUIREMENTS.
6. ROUTE 1 1/4" MEDIUM-PRESSURE GAS LINE BACK TO EXISTING TENANT METER. ALL EXISTING GAS PIPING TO TENANT TO BE REMOVED. CONTRACTOR TO COORDINATE WITH LOCAL GAS COMPANY THAT EXISTING METER IS SUFFICIENT FOR NEW GAS LOAD.
7. ROUTE GAS LINE UP TO ROOF.
8. SEE GAS REGULATOR DETAIL FOR REQUIREMENTS.
9. SEE ROOFTOP UNIT GAS CONNECTION DETAIL FOR REQUIREMENTS.
10. SEE GAS EQUIPMENT CONNECTION DETAIL FOR REQUIREMENTS.
11. SEE ROOFTOP UNIT CONDENSATE DETAIL FOR REQUIREMENTS.



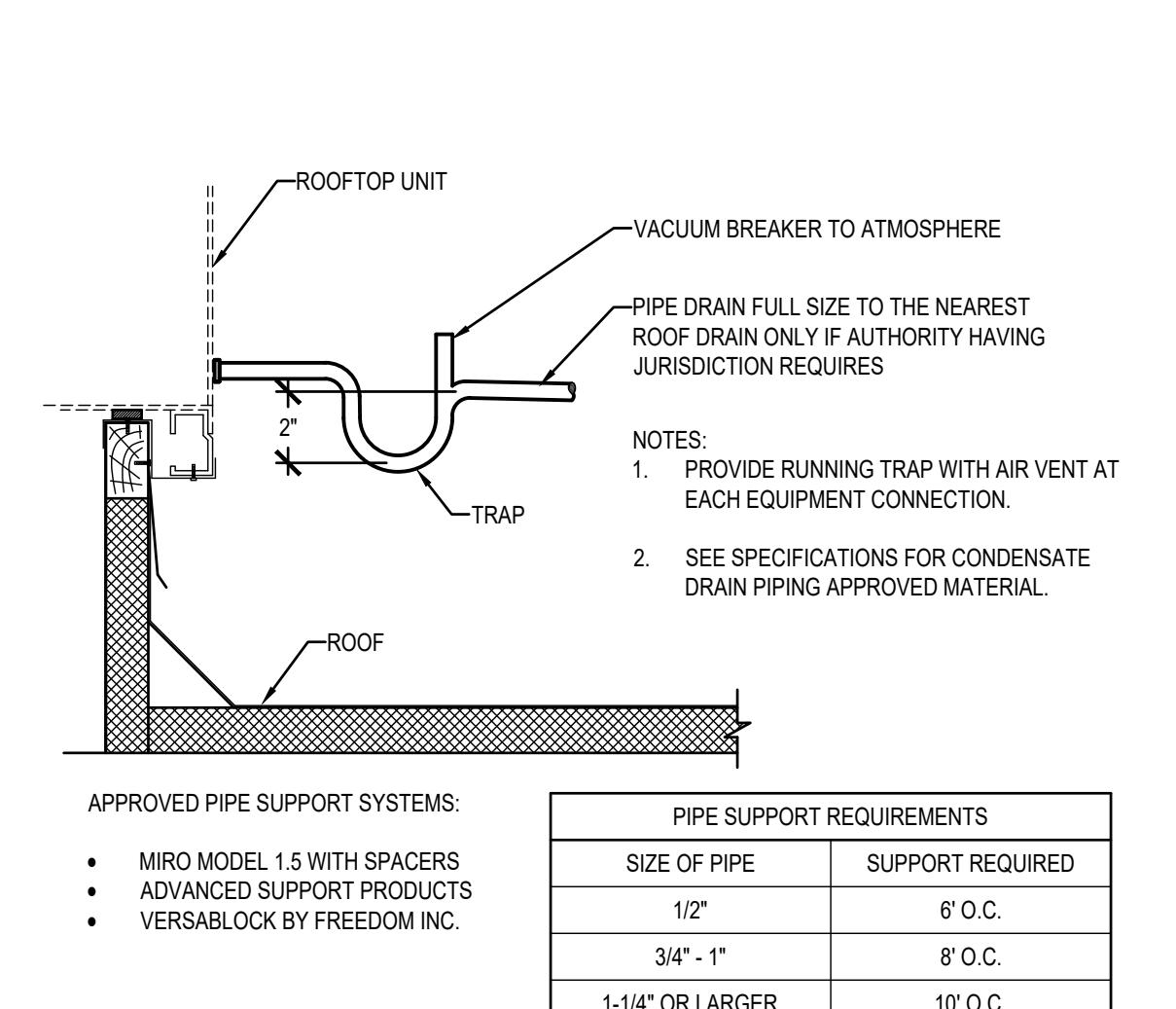
WASTE & VENT FLOOR PLAN

1
P101

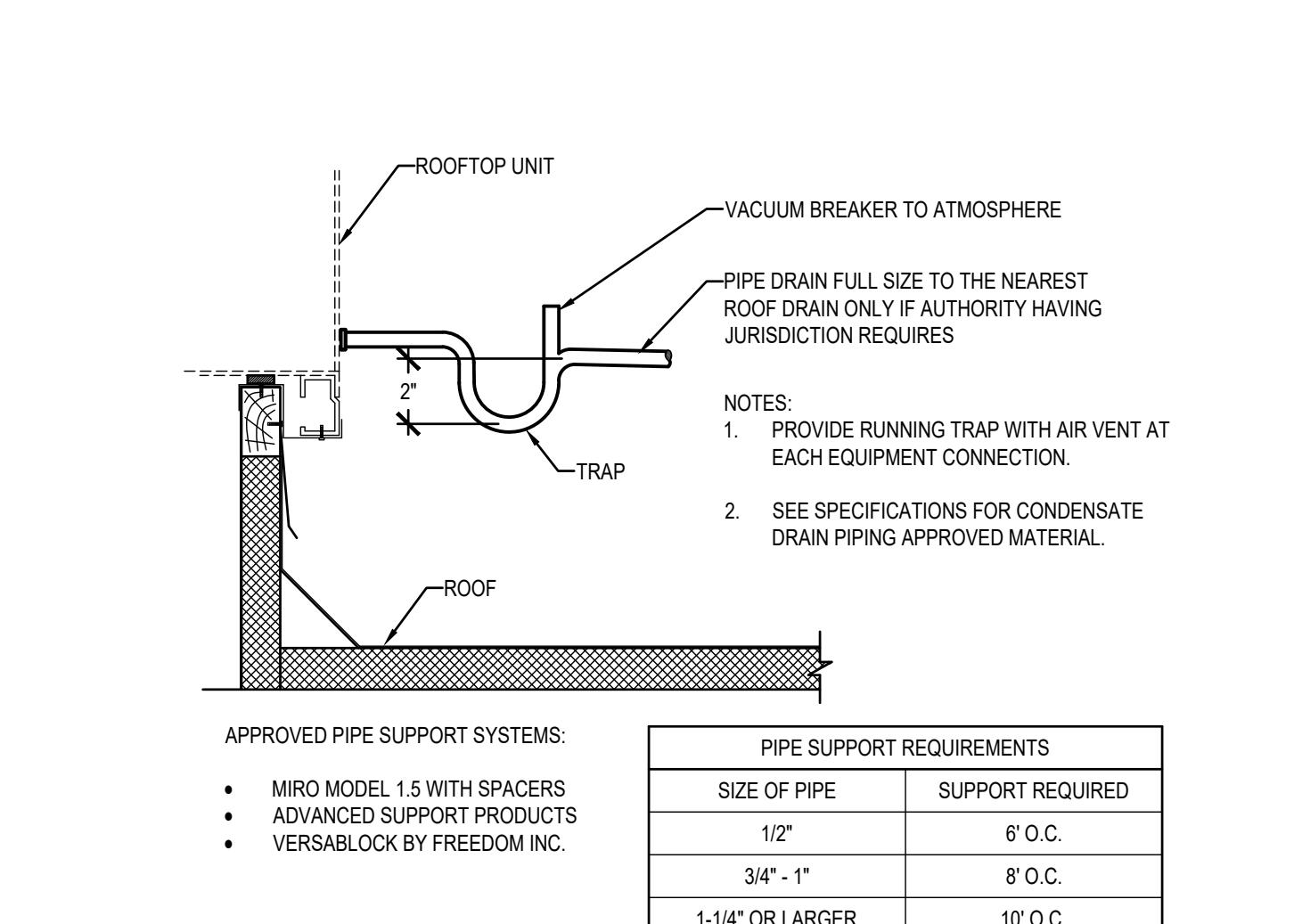
1/4"=1'-0"



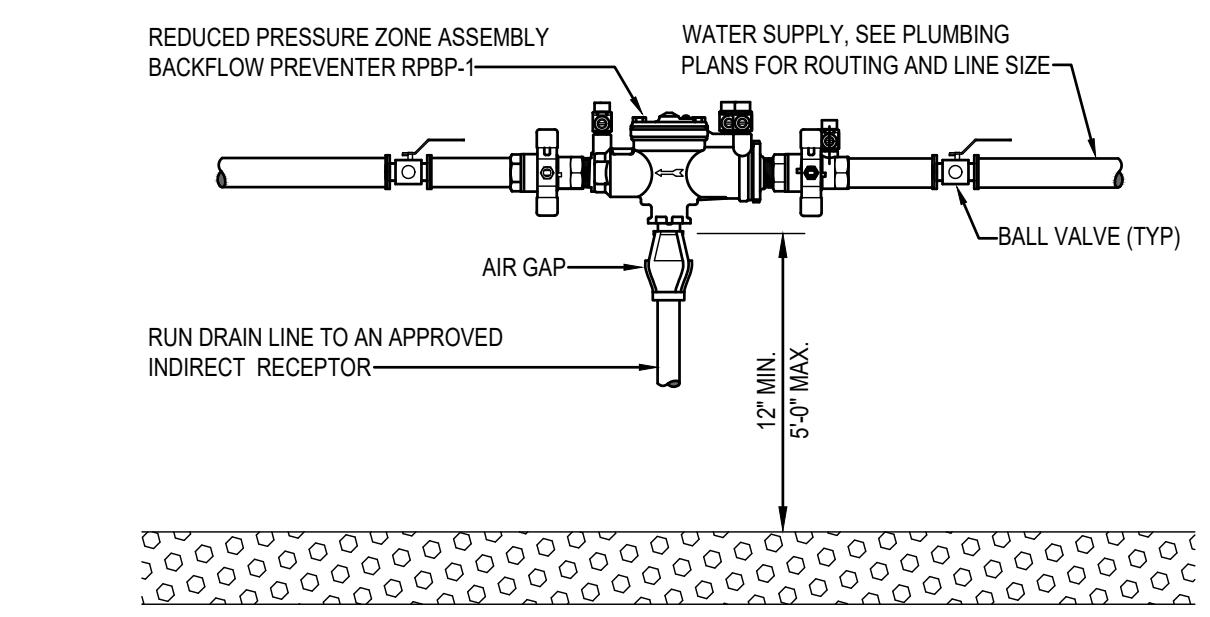
1 FLOOR CLEANOUT (FCO) DETAIL
NOT TO SCALE



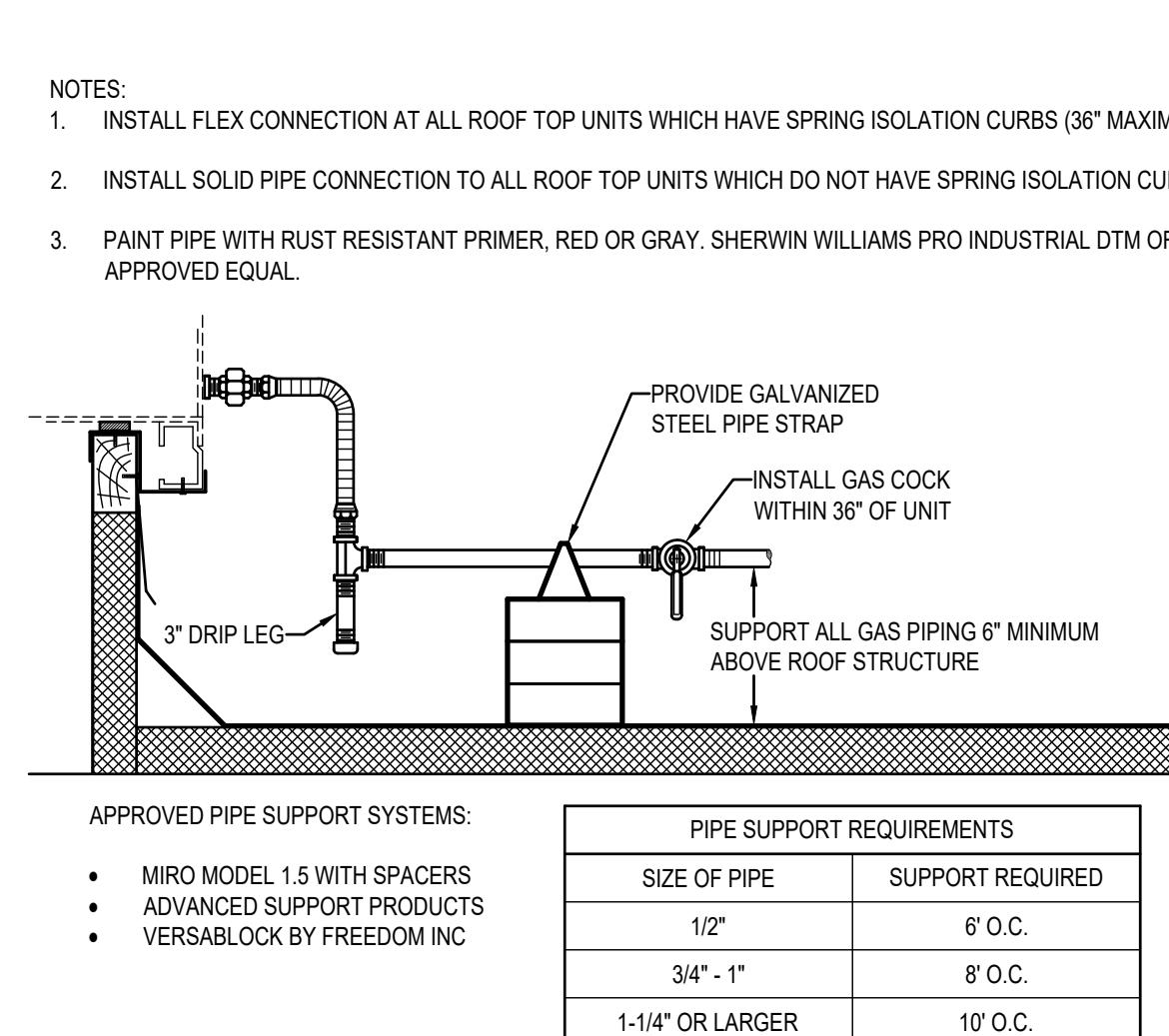
2 WALL CLEANOUT (WCO) DETAIL
NOT TO SCALE



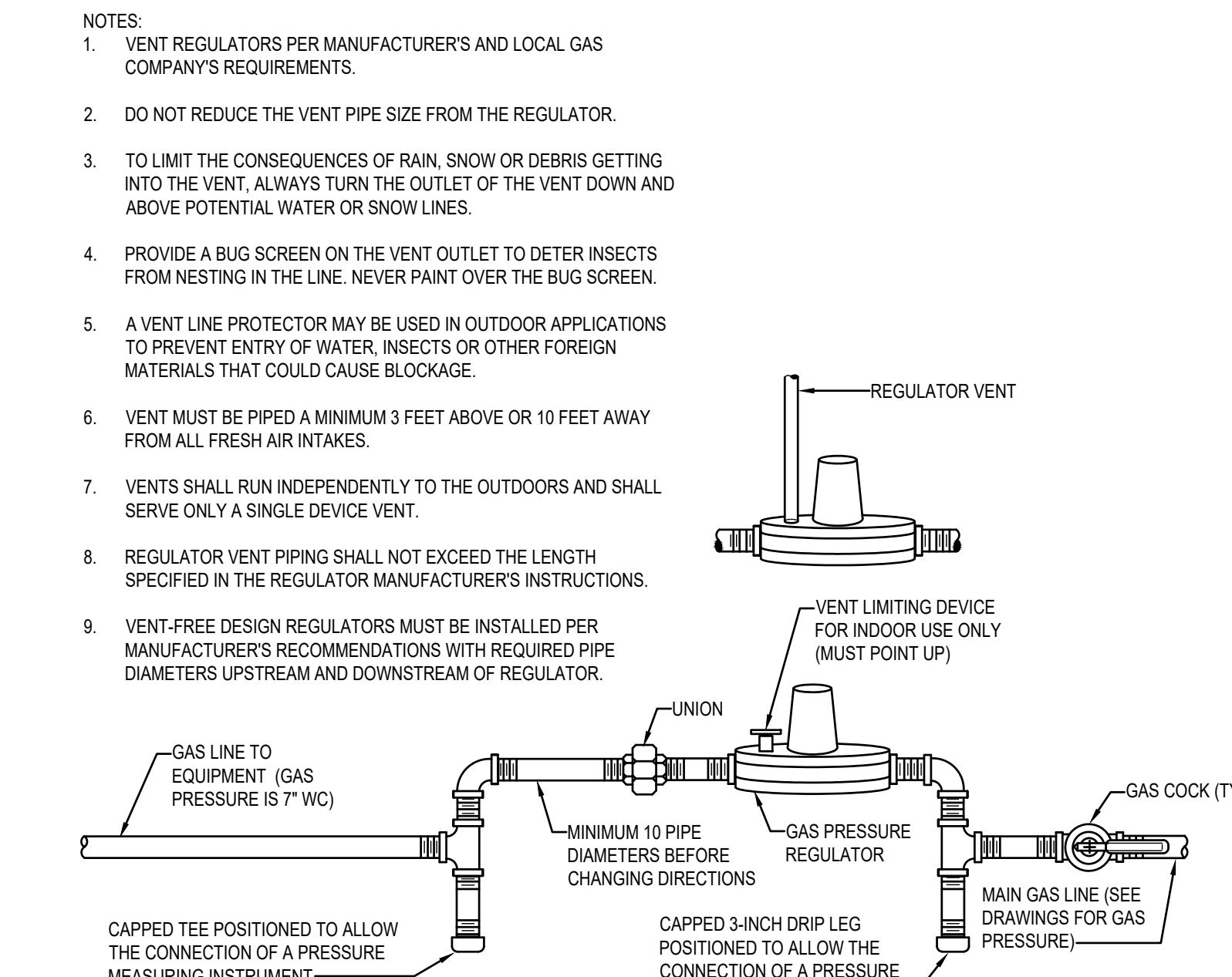
3 ROOFTOP UNIT - CONDENSATE DRAIN DETAIL
NOT TO SCALE



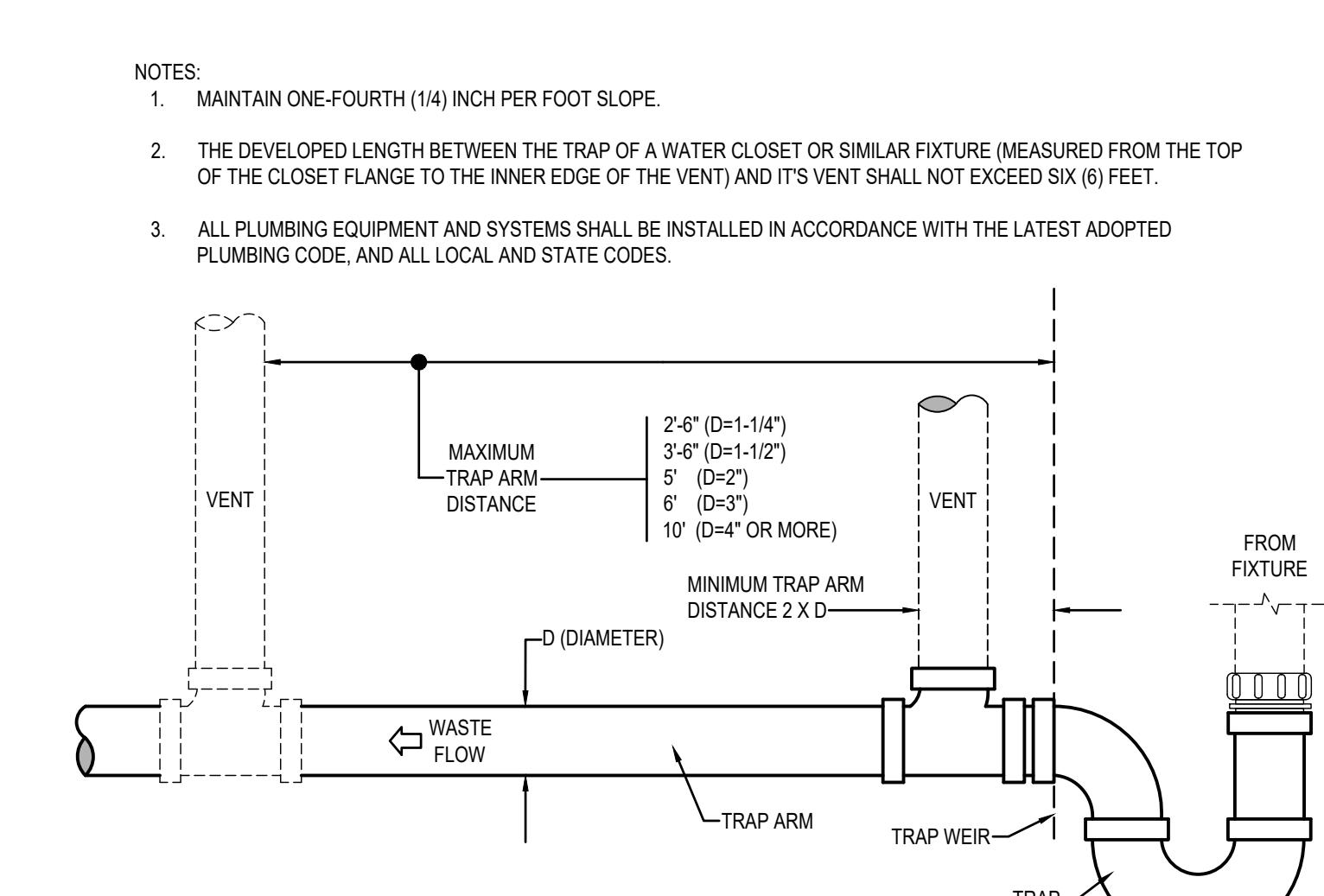
4 REDUCED PRESSURE BACKFLOW PREVENTER (RPBP)
NOT TO SCALE



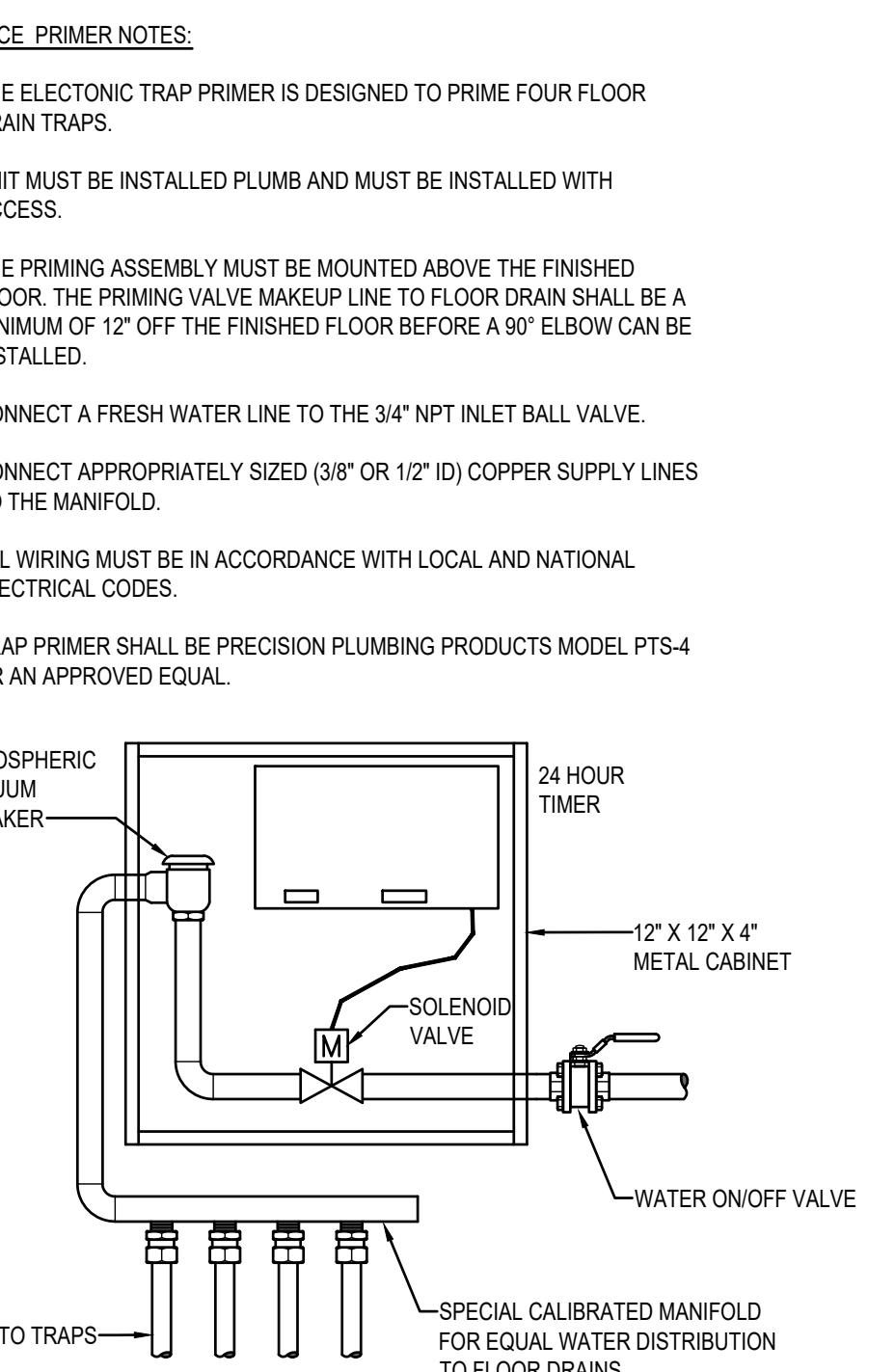
5 ROOFTOP UNIT - GAS PIPING DETAIL
NOT TO SCALE



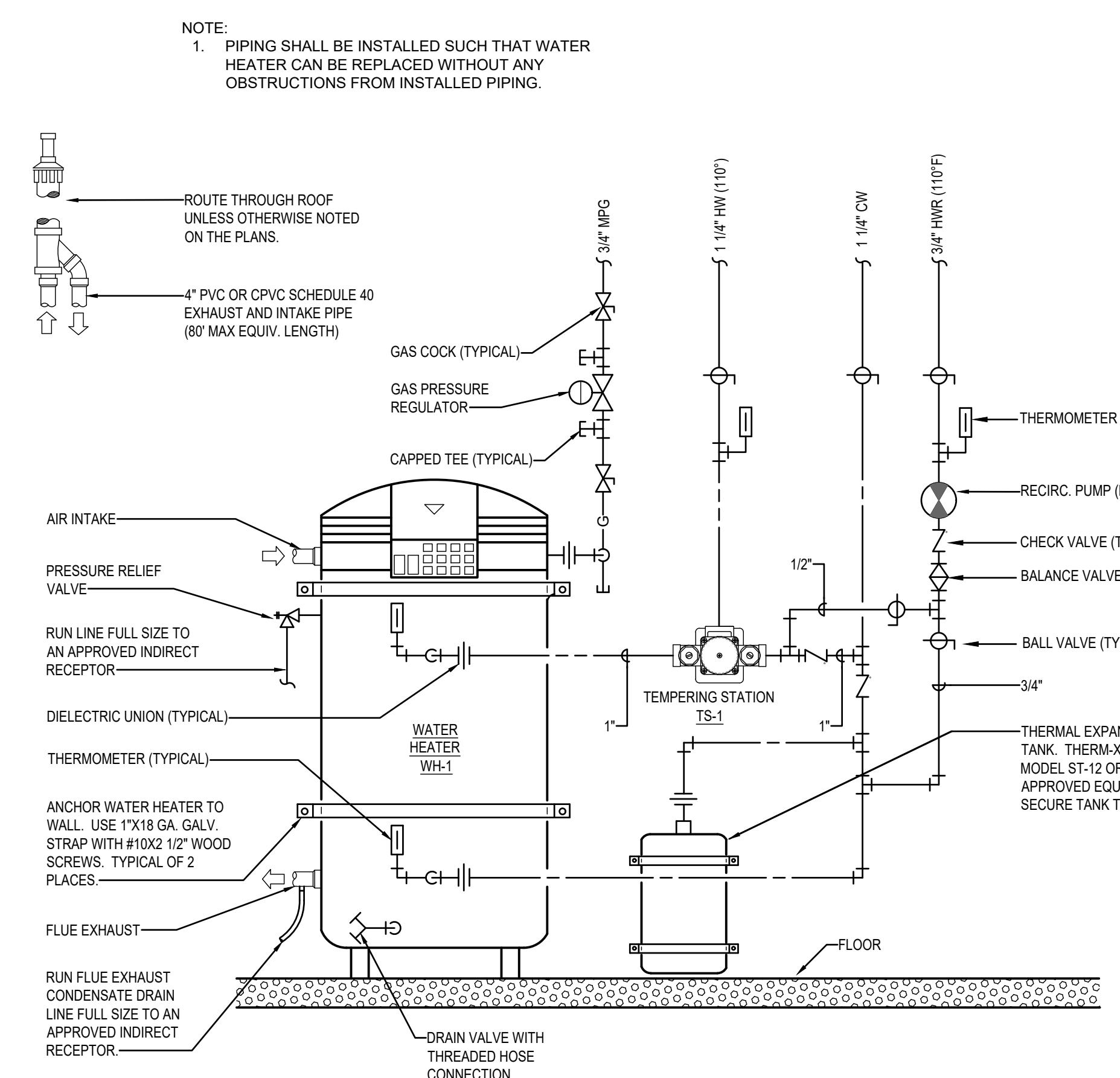
6 GAS PRESSURE REGULATOR DETAIL
NOT TO SCALE



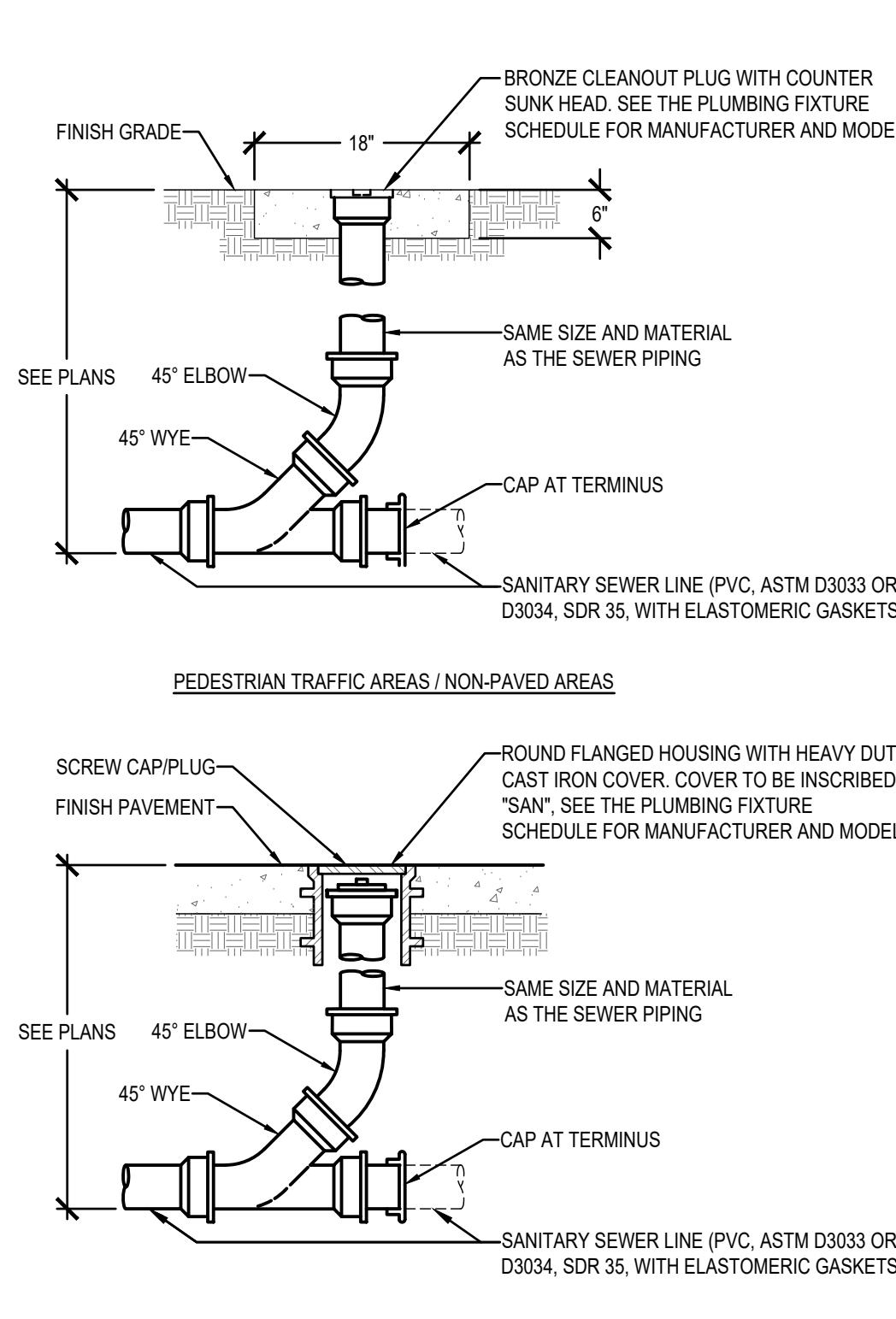
7 TRAP ARM DETAIL
NOT TO SCALE



8 TRAP PRIMER CONNECTION DETAIL
NOT TO SCALE



9 HIGH EFFICIENCY WATER HEATER & TEMPERING STATION PIPING DETAIL
NOT TO SCALE



10 GRADE CLEANOUT (GCO) DETAIL
NOT TO SCALE



AS SIZING CHART

GAS SIZING CHART			
SYMBOL	INPUT (MBH)	RUNOUT SIZE (2PSI) (INCHES)	EQUIPMENT CONNECTION SIZES (7" WC) (INCHES)
<u>RTU-1(E)</u>	250	3/4	3/4
<u>RTU-2</u>	132	3/4	3/4
<u>DOAS-1</u>	250	3/4	3/4
<u>DF-1</u>	100	3/4	3/4
<u>WH-1</u>	199	3/4	3/4
TOTAL	1181	EQUIVALENT LENGTH = 375 FT PRESSURE = 2 PSI MAIN SIZE = 1 1/4"Ø	

AS SIZES TO EQUIPMENT ARE AS NOTED IN SCHEDULE ABOVE. ROUTE NOTED (2PSI) GAS LINE TO GAS EQUIPMENT. PROVIDE GAS COCK AND PRESSURE REGULATOR (2 PSI-7" WC) SIZED FOR GAS LOAD AT EACH PIECE OF EQUIPMENT. VENT TO ATMOSPHERE PER MANUFACTURERS RECOMMENDATIONS. ROUTE NOTED (7" WC) GAS LINE FROM GAS FIRED EQUIPMENT WITH GAS COCK AND FLEX CONNECTOR AT UNIT. SEE GAS CONNECTION DETAILS.

PLUMBING FIXTURE SCHEDULE

PLUMBING FIXTURE SCHEDULE

Fixture Description	Connection Size					Manufacturer / Model Number / Description / Additional Comments
	Waste	Vent	Trap	CW	HW	
DRINKING FOUNTAIN WITH BOTTLE FILLING STATION (INTERIOR SINGLE BUBBLER) (ELECTRIC WATER COOLER) (ADA COMPLIANT)	1 1/2	1 1/2	1 1/2	1/2	--	ELKAY MODEL LZS8WSLP (FILTERED) MODEL EZSG8WSLK (NON-FILTERED) SINGLE ADA COOLER WITH BOTTLE FILLING STATION FURNISHED WITH FLEXI-GUARD SAFETY BUBBLER. BUBBLER ACTIVATED BY PUSHBAR. BOTTLE FILLER ACTIVATED BY ELECTRONIC SENSOR WITH AUTOMATIC 30-SECOND SHUT-OFF TIMER. 115 VOLT, 5.0 AMPS, 60 HERTZ. PROVIDE WITH JAY R. SMITH 0830 FLOOR MOUNTED SUPPORT CARRIER. OPTION - CANE APRON.
EXPANSION TANK	--	--	--	3/4	--	AMTROL THERM-X-TROL ST-12, OR APPROVED EQUAL, NON-ASME SERIES THERMAL EXPANSION ABSORBER, ANTI-MICROBIAL LINER, AND 5 YEAR WARRANTY.
FLOOR CLEANOUT	SEE PLANS	--	--	--	--	JAY R. SMITH 4020 SERIES WITH ADJUSTABLE, ROUND NICKEL BRONZE TOP AND ABS PLUG.
FLOOR DRAIN (PVC BODY) (CONCRETE FLOOR)	2	2	2	--	--	SIOUX CHIEF SERIES NUMBER 832-2PNR, POST- CONSTRUCTION LEVELING FLOOR DRAIN, NO-HUB OUTLET, 6-1/2" ROUND, ADJUSTABLE NICKEL BRONZE STRAINER AND TRAP PRIMER PORT. INSTALL TOP OF DRAIN 1/8" BELOW FINISH FLOOR AND CAULK EDGE.
FLOOR SINK (6" DEEP) (HALF GRATE, FOOT TRAFFIC RATED)	2	2	2	--	--	JAY R. SMITH FIGURE NUMBER 3100Y-12, CAST IRON RECEPTOR, ALUMINUM DOME STRAINER, NICKEL BRONZE GRATE, AND TRAP PRIMER. INSTALL TOP OF SINK 1/8" BELOW FINISH FLOOR AND CAULK EDGE.
FLOOR SINK (HALF GRATE) (24" DEEP) (FOOT TRAFFIC RATED)	4	2	4	--	--	JAY R. SMITH FIGURE NUMBER 9812-880-CB24, FIBER GLASS CATCH BASIN, 24"X24"X24", GALVANIZED STEEL GRATE. PROVIDE WITH 4" SIDE DISCHARGE ADAPTER, STAINLESS STEEL FRAME AND TRASH BUCKET. CONTRACTOR TO PROVIDE P-TRAP ASSEMBLY.
GRADE CLEANOUT (NON-PAVED AREAS)	SEE PLANS	--	--	--	--	JAY R. SMITH 4220 SERIES, ROUND EXTRA HEAVY DUTY CAST IRON TOP. FURNISH WITH ABS PLUG. COVER TO BE INSCRIBED "SAN".
GRADE CLEANOUT (PAVED AREAS) (VEHICULAR TRAFFIC)	SEE PLANS	--	--	--	--	JAY R. SMITH 4250 SERIES, ROUND FLANGED HOUSING WITH HEAVY DUTY CAST IRON COVER. FURNISH WITH ABS PLUG. COVER TO BE INSCRIBED "SAN".
HOSE BIBB (INTERIOR)	--	--	--	3/4	--	WOODFORD MODEL 26 - EXPOSED STYLE WITH 3/4" INLET, AND CHROME PLATED. PROVIDE WITH METAL WHEEL HANDLE AND WOODFORD MODEL 50HF BACKFLOW PREVENTER.
LAVATORY (COUNTERTOP / CABINET MOUNTED) (ADA COMPLIANT)	1 1/2	1 1/2	1 1/4	1/2	1/2	KOHLER PENNINGTON MODEL K-2196-4 VITREOUS CHINA, COUNTERTOP-MOUNTED SINK WITH HOLES ON 4" CENTERS, AND GRID STRAINER. KOHLER CORALAIR MODEL K-15198-4RA, 4-1/2" LONG, SINGLE LEVER FAUCET WITH 0.5 GPM AERATOR. PROVIDE WITH PIPING INSULATION, TRUEBRO LAV GUARD, PLUMBEREX HANDI-SHIELD, OR EQUAL.
RECIRCULATION PUMP (HOT WATER RETURN SYSTEM) (SMALL SYSTEM)	--	--	--	--	3/4	BELL AND GOSSETT BRONZE MODEL NBF-10S/LW, 115 VOLT, 0.46 AMPS, 55 WATTS, AND SHALL PROVIDE 4 GPM AT 7 FEET HEAD. INCLUDE 7-DAY PROGRAMMABLE ELECTRONIC TIME CLOCK WITH BATTERY BACKUP, INTERMATIC MODEL GM40AVE-RD89. APPROVED ALTERNATE: ARMSTRONG, TACO, GRUNDFOS.
REDUCED PRESSURE BACKFLOW PREVENTER	INDIRECT			--	--	WATTS SERIES LF009 LEAD-FREE REDUCED PRESSURE ZONE ASSEMBLY WITH QUARTER-TURN BALL VALVES, STRAINER, AND AIR GAP. CAST COPPER BODY CONSTRUCTION - 1/2" THRU 2". PROVIDE SERIES 957 FOR SIZES 2 1/2" THRU 10". SEE NOTE ____.
SINK - SINGLE COMPARTMENT (17" X 20" X 6 1/2") (ADA COMPLIANT)	2	1 1/2	1 1/2	1/2	1/2	ELKAY LUSTERTONE MODEL LRAD172065: 6-1/2" DEEP, STAINLESS STEEL SINK. PROVIDE AND INSTALL ELKAY MODEL LK3001CR SINGLE LEVER CHROME FAUCET WITH SWING SPOUT AND HOSE SPRAY, ELKAY MODEL LK35 STAINLESS STEEL STRAINER BASKET AND TAILPIECE.
SHOWER (36" X 37" X 80") (INSERT STYLE) (PUBLIC STANDARD)	2	1 1/2	2	1/2	1/2	BEST BATH SYSTEMS MODEL LCS3636CP, ONE PIECE, FIBERGLASS SHOWER WITH 5" THRESHOLD (CLASSIC TILE FINISH). MODULE SHALL BE CONSTRUCTED OF GELCOAT/FIBERGLASS WITH FULL INTEGRAL PLYWOOD BACKING IN THE WALLS AND FLOOR FOR STRENGTH AND CUSTOMIZED INSTALLATION OF ACCESSORIES. PROVIDE AND INSTALL SIOUX CHIEF MODEL 827-2B CAULKLESS BRASS DRAIN WITH STAINLESS STEEL STRAINER, MOEN MODEL 8375 PRESSURE BALANCING VALVE WITH 1/4" TURN STOPS, ADJUSTABLE TEMPERATURE LIMIT STOP, VANDAL RESISTANT HEAD, ARM AND FLANGE. POLISHED CHROME FINISH. PROVIDE STAINLESS STEEL CURTAIN ROD AND WEIGHTED SHOWER CURTAIN.
SHOWER (63" X 37" X 79") (INSERT STYLE - ROLL-IN) (ADA COMPLIANT)	2	1 1/2	2	1/2	1/2	BEST BATH SYSTEMS MODEL LCS6337A75B, ONE PIECE, FIBERGLASS SHOWER WITH 3/4" BEVELED THRESHOLD (CLASSIC TILE FINISH). MODULE SHALL BE CONSTRUCTED OF GELCOAT/FIBERGLASS WITH FULL INTEGRAL PLYWOOD BACKING IN ALL THE WALLS FOR STRENGTH AND CUSTOMIZED INSTALLATION OF ACCESSORIES. ADA MINIMUM INSIDE DIMENSIONS OF 60" X 30" FOR ROLL-IN SHOWERS. THE 3/4" BEVELED THRESHOLD ELIMINATES THE NEED TO RECESS FLOOR FOR ADA COMPLIANCE IF A 1/4" MINIMUM FLOORING IS USED. ACCESSORIES: (1) 25" S.S. GRAB BAR, (1) 32"X16" PHENOLIC SLAB, ADA COMPLIANT, SWING-DOWN SEAT WITH LEGS, (1) SURFACE-MOUNTED SOAP DISH, (1) SIOUX CHIEF MODEL 827-2B CAULKLESS BRASS DRAIN WITH STAINLESS STEEL STRAINER, (1) TWS COLLAPSIBLE T' SHAPED WATER RETAINER. PROVIDE MOEN MODEL 8346 HAND-HELD SHOWER SYSTEM, PRESSURE BALANCING VALVE WITH 1/4" TURN STOPS, ADJUSTABLE TEMPERATURE LIMIT STOP, HAND-HELD SHOWER HEAD, 60" DOUBLE SWIVEL HOSE ASSEMBLY, 30" SLIDE BAR, VACUUM BREAKER, DROP ELL. PROVIDE STAINLESS STEEL CURTAIN ROD AND WEIGHTED SHOWER CURTAIN.
SERVICE SINK (24" X 24" X 10") (FLOOR MOUNTED)	3	2	3	1/2	1/2	ACORN TERRAZZO-WARE MODEL TRH-242410: PROVIDE AND INSTALL WITH MODEL KFC CHROME UTILITY FAUCET, STAINLESS STEEL BUMPER GUARD, DRAIN GASKET, 36" HOSE AND WALL HANGER, MOP HANGER, AND (2) STAINLESS STEEL WALL GUARDS. MOUNT FAUCET 36" AFF.
TEMPERING STATION	--	--	--	--	1 1/2	SYMONS TEMPCONTROL MODEL NO. 7-1000 WITH ROUGH BRONZE FINISH, WALL MOUNTED. PROVIDE WITH TEMPERATURE GAUGE ON OUTLET.
TRAP PRIMER (ELECTRONIC OPERATED) (4 TRAPS)	--	--	--	3/4"	--	PRECISION PLUMBING PRODUCTS MODEL PTS-12 ELECTRONIC TRAP PRIMING ASSEMBLY WITH ATMOSPHERIC VACUUM BREAKER, 24-HR ADJUSTABLE TIMER, MANUAL OVERRIDE SWITCH AND 120V SOLENOID VALVE.
WALL BOX (SUPPLY/DRAIN FOR WASHING MACHINE)	2	1 1/2	2	1/2	1/2	OATEY FIREMASTER MODEL 38478 WITH FACEPLATE, ADJUSTABLE METAL SUPPORT BRACKETS, AND WATER HAMMER ARRESTORS. FIRE RATED, OR APPROVED EQUAL.
WATER CLOSET (17-1/2" SEAT HEIGHT) (FLUSH TANK) (FLOOR MOUNTED) (COMFORT HEIGHT / ADA)	4	2	INT.	1/2	--	KOHLER CIMARRON MODEL K-5310 (LEFT LEVER) / K-5310-RA (RIGHT LEVER), FLOOR MOUNTED, GRAVITY FLUSH TANK WITH ELONGATED BOWL, 1.28 GPF. KOHLER LUSTRA MODEL K-4650 ELONGATED, OPEN FRONT SEAT WITH CHECK HINGE AND NO COVER.
WALL CLEANOUT	SEE PLANS	--	--	--	--	JAY R. SMITH 4472T SERIES WITH CAST BRONZE TAPER THREAD PLUG, STAINLESS STEEL ROUND COVER, AND A STAINLESS STEEL VANDAL PROOF SCREW.
WATER HEATER (NOMINAL 100 GALLON) (WATER HEATER, HIGH EFFICIENCY)	--	--	--	SEE PLANS	SEE PLANS	BRADFORD WHITE MODEL EF-100T-199E-3N. 199 MBH INPUT, 110V/1Ø, 1.8 AMPS, 28" DIAMETER, 78" TALL WITH SIDE CONNECTIONS. PROVIDE WITH PVC CONCENTRIC INTAKE/VENT KIT AND SEISMIC STRAP. PROVIDE

1

1. ALL ADA COMPLIANT FIXTURES MUST COMPLY WITH ICC/ANSI A117.1. SEE ARCHITECTURAL PLANS FOR HANDICAPPED FIXTURE DESIGNATIONS, LOCATIONS, CLEARANCES, AND MOUNTING HEIGHTS.
2. ALL EXPOSED HW PIPING, CW PIPING, AND DRAIN LINES BENEATH ALL LAVATORIES AND ALL ADA COMPLIANT SINKS MUST BE INSULATED TO PREVENT INJURY. REFER TO ARCHITECTURAL PLANS. INSULATE WITH MOLDED CLOSED CELL VINYL INSULATION - TRUEBRO, PLUMBEREX, OR EQUAL.
3. PROVIDE P-TRAP PRIMERS FOR ALL FLOOR DRAINS AND FLOOR SINKS (NOT ALL TRAP PRIMERS ARE INDICATED ON PLANS - REFERENCE DETAILS FOR ADDITIONAL INFORMATION). PROVIDE A BALL TYPE SHUT-OFF VALVE UPSTREAM OF PRIMER VALVE. SEE SPECIFICATIONS.
4. SEE SPECIFICATIONS FOR ALTERNATE APPROVED MANUFACTURERS.
5. HIGH EFFICIENCY WATER HEATERS: PROVIDE WITH CONDENSATE NEUTRALIZATION KIT BY JJM BOILER WORKS MODEL JM (OR EQUAL), SIZED PER EQUIPMENT CAPACITY.
6. BACKFLOW PREVENTION: THIS BUILDING IS PROVIDED WITH A BACKFLOW PREVENTION DEVICE ON THE MAIN WATER SERVICE AND REDUCED PRESSURE BACKFLOW PREVENTION ON THE FOLLOWING PIECES OF EQUIPMENT:
 - POOL MAKE UP

ELECTRICAL LEGEND - LIGHTING		DEVICES		ONE LINE		ELECTRICAL GENERAL NOTES		ELECTRICAL ABBREVIATIONS		ELECTRICAL SPECIFICATIONS	
REFERENCE FIXTURE SCHEDULE FOR MOUNTING TYPE, MOUNTING HEIGHT, AND FIXTURE TYPE.											
DOUBLE FACE EXIT SIGN, CEILING MOUNTED, PROVIDE UNSWITCHED CONDUCTOR.		SWITCH, TYPE AS INDICATED, +48" AFF	2 DOUBLE POLE			A. THESE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE; THEREFORE, THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL EQUIPMENT AND DEVICE LOCATIONS WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DIVISIONS PRIOR TO ROUGH-IN. REFER TO AND COORDINATE WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL WORK THAT IS REQUIRED BY THE ELECTRICAL CONTRACTOR.		A AMPERES	A	A. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE LOCALLY ADOPTED ELECTRICAL CODE, ALL LOCAL CODES, AND TO THE FULL ACCEPTANCE OF THE AUTHORITY HAVING JURISDICTION.	
WALL MOUNTED DOUBLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR, MOUNT AT +8'-0" IN.			3 3-WAY			B. ALL CONDUIT AND JUNCTION BOXES ARE TO BE CONCEALED UNLESS LOCATED IN CEILINGS, FLOORS, OR WALLS. CONDUIT LOCATED ON SURFACE MOUNTED RACEWAYS IN ALL OTHER SPACES MUST BE APPROVED BY THE ARCHITECT FOR EACH LOCATION WHERE SURFACE RACEWAYS ARE APPROVED, UTILIZE WIREMOLD, OR APPROVED EQUAL SURFACE MOUNTED RACEWAYS PAINTED TO MATCH SURROUNDING WALLS.		AC	A' ABOVE BACKSPLASH	B. OBTAIN ALL PERMITS, COORDINATE, FURNISH, INSTALL, CONNECT AND TEST ALL ELECTRICAL EQUIPMENT REQUIRED FOR ALL THE SYSTEMS INSTALLED UNDER THIS CONTRACT TO INSURE COMPLETE AND FULLY OPERATIONAL SYSTEMS.	
SINGLE FACE EXIT SIGN, CEILING MOUNTED PROVIDE UNSWITCHED CONDUCTOR.			4 4-WAY			C. REFER TO ARCHITECTURAL ELEVATIONS FOR OUTLET HEIGHTS WHERE THE SPECIFIC OUTLET HEIGHT IS NOT INDICATED. REFER TO THE ELECTRICAL LEGEND FOR THE DEFAULT OUTLET HEIGHT WHEN NOT INDICATED ON ELEVATIONS OR ON THE DEVICES.		AF	AF AMPERE	C. CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF AS-BUILT DRAWINGS. AS-BUILT DRAWINGS SHALL BE UP-TO-DATE AND SHALL DOCUMENT THE ACTUAL INSTALLED CONDITION OF THE ENTIRE ELECTRICAL INSTALLATION. AS-BUILT SET OF DRAWINGS SHALL BE AVAILABLE AT ALL TIMES ON THE SITE FOR INSPECTION BY CODE OFFICIALS, OWNER, ARCHITECT, AND ENGINEER.	
WALL MOUNTED SINGLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR, MOUNT AT +8'-0" UNO.			5 SPDT			D. PROVIDE PULL-LINE IN ALL EMPTY CONDUITS.		AG	AG ABOVE FINISHED FLOOR	D. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION.	
ARROW INDICATES DIRECTION TO BE SHOWN ON SIGN.			6 PILOT LIGHT			E. TERMINATE ALL LOW-VOLTAGE CONDUITS WITH INSULATED THROAT BUSHING.		BD	BD BOTTOM OF DECK	E. DESIGN IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE STATUS OF ACTUAL CONDITIONS AS THEY RELATE TO THE SCOPE OF WORK AS SHOWN ON THESE PLANS.	
1X1' LIGHT FIXTURE.			7 HP HORSEPOWER RATED			F. MECHANICAL EQUIPMENT INDICATED IS SHOWN IN AN APPROXIMATE LOCATION. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.		BS	BS BOTTOM OF STRUCTURE	F. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.	
1X1' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			8 TO THRESHOLD OVERLOAD			G. THE ELECTRICAL DEMOLITION DRAWING(S) PROVIDED ARE INTENDED TO ASSIST THE ELECTRICAL CONTRACTOR IN ESTABLISHING AREAS REQUIRING DISCONNECTION, REMOVAL, OR RELOCATION OF ELECTRICAL EQUIPMENT, OUTLETS, WIRING, DEVICES, FIXTURES, ETC. AND MAY NOT INDICATE ALL DEVICES OR THE FULL EXTENT OF DEMOLITION AND RECONNECTION WHICH MAY BE REQUIRED. CONTRACTOR SHALL CONDUCT A SURVEY OF THE SITE AND THOROUGHLY EXAMINE ALL REQUIRED DEMOLITION WORK AND INCLUDE ALL LABOR AND INCIDENTALS THAT WILL BE NECESSARY TO PERFORM DEMOLITION RECONNECTION AND TEMPORARY POWER CONNECTIONS IN THE BID.		CO	CO CONDUIT ONLY, PROVIDE PULL-LINE	G. COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL ELECTRICAL EQUIPMENT AND DEVICES WITH THE ARCHITECTURAL ELEVATIONS AND DETAILS PRIOR TO ROUGH-IN.	
TRACK LIGHT			9 LOW VOLTAGE OVERRIDE			H. ALL ELECTRICAL DEVICES AND WALLS INDICATED ON THE ELECTRICAL DEMOLITION DRAWING(S) ARE TO REMAIN UNLESS OTHERWISE NOTED.		CTL	CTL CURRENT TRANSFORMER	H. DEMOLITION WORK IS A PART OF THIS PROJECT. SEE DRAWINGS FOR EXISTING ELECTRICAL DEVICES TO BE REMOVED. REMOVE ASSOCIATED BOXES, RACEWAYS AND CONDUCTORS BACK TO SOURCE, AND MAKE SAFE.	
1X1' LIGHT FIXTURE.			10 OCCUPANCY SENSOR			I. ALL MATERIALS AND EQUIPMENT FURNISHED TO THE PROJECT SHALL BE NEW AND SHALL BEAR THE LISTING LABEL OF A NATIONALLY RECOGNIZED TESTING LAB AS DEFINED BY CSA.		DC	DC DIRECT CURRENT	I. ALL ELECTRICAL DEVICES AND TERMINALS SHALL BE RATED 75°C MINIMUM.	
1X1' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			11 OR LOW VOLTAGE, MOMENTARY OVERRIDE			J. ALL CONDUCTORS SHALL BE STRANDED COPPER, 800 VOLT RATED. INSULATION TYPE SHALL BE THINWALL, FULLY COLOR CODED WITH GAUGE, TYPE AND MANUFACTURER MARKED EVERY 24" ALONG CONDUCTOR COLOR CODE SHALL BE AS FOLLOWS:		DEMO	DEMO DEMOLITION	J. DEMOLITION DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR.	
TRACK LIGHT			12 VS VACANCY SENSOR			K. ALL CONDUCTORS SHALL BE STRANDED COPPER, 800 VOLT RATED. INSULATION TYPE SHALL BE THINWALL, FULLY COLOR CODED WITH GAUGE, TYPE AND MANUFACTURER MARKED EVERY 24" ALONG CONDUCTOR COLOR CODE SHALL BE AS FOLLOWS:		DET	DET DETAIL	K. CONDUCTOR COLOR CODE SHALL BE AS FOLLOWS:	
1X1' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			13 # SUPERSCRIPT INDICATES LIGHTS TO BE SWITCHED TOGETHER			L. MINIMUM SIZE WIRE FOR POWER AND LIGHTING CIRCUITS SHALL BE #12 AWG. ALL POWER AND LIGHTING CONDUCTORS SHALL BE ROUTED IN 3/4" CONDUIT MINIMUM.		DTT	DTT DOUBLE TWIN TUBE	L. MINIMUM SIZE WIRE FOR POWER AND LIGHTING CIRCUITS SHALL BE #12 AWG. ALL POWER AND LIGHTING CONDUCTORS SHALL BE ROUTED IN 3/4" CONDUIT MINIMUM.	
1X1' LIGHT FIXTURE.			14 18" AFF UNO			M. EMT OR MC TYPE CABLE IS ALLOWED WHEN CONCEALED IN INTERIOR SPACES. MC TYPE CABLE IS NOT ALLOWED FOR HOMERUNS.		EMERGENCY	EMERGENCY	M. EMT OR MC TYPE CABLE IS ALLOWED WHEN CONCEALED IN INTERIOR SPACES. MC TYPE CABLE IS NOT ALLOWED FOR HOMERUNS.	
1X1' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			15 18" AFF UNO			N. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.		EC	EC ELECTRICAL CONTRACTOR	N. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.	
1X2 LIGHT FIXTURE.			16 18" AFF UNO			O. ALL EQUIPMENT, SWITCHING DEVICES AND PANELS SHALL BE MOUNTED SO AS TO BE ACCESSIBLE AND SHALL BE MOUNTED PLUMB AND SQUARE WITH WALLS.		EL	EL ELECTRICAL CONTRACTOR	O. ALL EQUIPMENT, SWITCHING DEVICES AND PANELS SHALL BE MOUNTED SO AS TO BE ACCESSIBLE AND SHALL BE MOUNTED PLUMB AND SQUARE WITH WALLS.	
1X2 LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			17 18" AFF UNO			P. DEVICES AND RACEWAYS PENETRATING FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH FIRE RESISTIVE MATERIAL COMPATIBLE WITH CONSTRUCTION PENETRATED, TO MAINTAIN RATING OF THE WALL. SEALANT SYSTEM SHALL BE A U.L. APPROVED SYSTEM AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS.		FUSE	F FUTURE	P. DEVICES AND RACEWAYS PENETRATING FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH FIRE RESISTIVE MATERIAL COMPATIBLE WITH CONSTRUCTION PENETRATED, TO MAINTAIN RATING OF THE WALL. SEALANT SYSTEM SHALL BE A U.L. APPROVED SYSTEM AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS.	
1X2 LIGHT FIXTURE, SEE SCHEDULE FOR LENGTH.			18 18" AFF UNO			Q. FURNISH AND INSTALL PULL CORD IN ALL EMPTY CONDUITS.		FACP	FACP FIRE ALARM CONTROL PANEL	Q. FURNISH AND INSTALL PULL CORD IN ALL EMPTY CONDUITS.	
DIRECT/INDIRECT LIGHT FIXTURE, SEE SCHEDULE FOR LENGTH.			19 18" AFF UNO			R. ALL JUNCTION BOX COVERS WITH POWER WIRING SHALL HAVE THE PANEL AND CIRCUIT LABELED ON THE OUTSIDE SURFACE. ALL LABELS FOR EXPOSED JUNCTION BOXES IN FINISHED AREAS SHALL BE LABELED UTILIZING SELF ADHESIVE LABELS PRODUCED BY A MECHANICAL LABELING MACHINE. LABELS FOR JUNCTION BOX COVERS IN CONCEALED LOCATIONS SHALL CONSIST OF THE INFORMATION BEING NEARLY HAND WRITTEN ON THE OUTSIDE SURFACE OF THE COVER WITH A PERMANENT STYLE MARKER.		GND	GND GROUND	R. ALL JUNCTION BOX COVERS WITH POWER WIRING SHALL HAVE THE PANEL AND CIRCUIT LABELED ON THE OUTSIDE SURFACE. ALL LABELS FOR EXPOSED JUNCTION BOXES IN FINISHED AREAS SHALL BE LABELED UTILIZING SELF ADHESIVE LABELS PRODUCED BY A MECHANICAL LABELING MACHINE. LABELS FOR JUNCTION BOX COVERS IN CONCEALED LOCATIONS SHALL CONSIST OF THE INFORMATION BEING NEARLY HAND WRITTEN ON THE OUTSIDE SURFACE OF THE COVER WITH A PERMANENT STYLE MARKER.	
STRIP LIGHT FIXTURE, SEE SCHEDULE FOR LENGTH.			20 18" AFF UNO			S. CLEARLY LABEL ALL ACCESSIBLE CONDUITS WITH SYSTEM NAME AND CONDUCTOR NUMBER. THE OTHER END OF THE CONDUIT TERMINATES. USE INDELEBLE INK. LABELS SHALL BE LOCATED ON THE CONDUIT IN A POSITION THAT CAN BE EASILY READ.		GFI	GFI GROUND FAULT CIRCUIT INTERRUPTER	S. CLEARLY LABEL ALL ACCESSIBLE CONDUITS WITH SYSTEM NAME AND CONDUCTOR NUMBER. THE OTHER END OF THE CONDUIT TERMINATES. USE INDELEBLE INK. LABELS SHALL BE LOCATED ON THE CONDUIT IN A POSITION THAT CAN BE EASILY READ.	
STRIP LIGHT FIXTURE, SEE SCHEDULE FOR LENGTH. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			21 18" AFF UNO			T. ALL 1 POLE BREAKER CIRCUITS SHALL HAVE AN INDEPENDENT NEUTRAL CONDUCTOR. NO EDISON STYLE SHARED NEUTRAL CONDUCTORS ARE ALLOWED.		HH	HH HAND HOLE	T. ALL 1 POLE BREAKER CIRCUITS SHALL HAVE AN INDEPENDENT NEUTRAL CONDUCTOR. NO EDISON STYLE SHARED NEUTRAL CONDUCTORS ARE ALLOWED.	
WALL MOUNTED LIGHT FIXTURE, SEE SCHEDULE FOR LENGTH.			22 18" AFF UNO			U. ALL CONDUCTORS IN ELECTRICAL PANELS, CABINETS AND EQUIPMENT SHALL BE NEATLY TRAINED AND LACED.		HID	HID HIGH INTENSITY DISCHARGE	U. ALL CONDUCTORS IN ELECTRICAL PANELS, CABINETS AND EQUIPMENT SHALL BE NEATLY TRAINED AND LACED.	
WALL MOUNTED LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			23 18" AFF UNO			V. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS. DIRECTORIES SHALL BE TYPED.		HOA	HOA HAND-OFF-AUTO	V. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS. DIRECTORIES SHALL BE TYPED.	
RECESSED LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			24 18" AFF UNO			W. PROVIDE ELECTRICAL SUBMITTALS FOR EQUIPMENT SHOWN AS REQUIRED BY DIVISION 1 SPECIFICATIONS.		HPS	HPS HIGH PRESSURE SODIUM	W. PROVIDE ELECTRICAL SUBMITTALS FOR EQUIPMENT SHOWN AS REQUIRED BY DIVISION 1 SPECIFICATIONS.	
ROUND LIGHT FIXTURE.			25 18" AFF UNO			X. ELECTRICAL CONTRACTOR SHALL OBTAIN THE AVAILABLE FAULT CURRENT VALUE FROM THE LOCAL UTILITY OR THE ONE-LINE DIAGRAM AND LABEL THE MAIN BREAKER WITH THAT VALUE.		HVAC	HVAC HEATING, VENTILATION, & AIR CONDITIONING	X. ELECTRICAL CONTRACTOR SHALL OBTAIN THE AVAILABLE FAULT CURRENT VALUE FROM THE LOCAL UTILITY OR THE ONE-LINE DIAGRAM AND LABEL THE MAIN BREAKER WITH THAT VALUE.	
ROUND LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			26 18" AFF UNO			Y. SWITCH AND RECEPTACLE LABELING: IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH DEVICES ARE SERVED. USE MACHINE PRINTED LABEL AND 1/8" TEXT. INSTALL ON THE OUTSIDE OF THE FACEPLATE FOR RECEPTACLES AND INSIDE THE FACEPLATE FOR SWITCHES.		IG	IG ISOLATED GROUND	Y. SWITCH AND RECEPTACLE LABELING: IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH DEVICES ARE SERVED. USE MACHINE PRINTED LABEL AND 1/8" TEXT. INSTALL ON THE OUTSIDE OF THE FACEPLATE FOR RECEPTACLES AND INSIDE THE FACEPLATE FOR SWITCHES.	
WALL MOUNTED LIGHT FIXTURE, SEE SCHEDULE FOR LENGTH.			27 18" AFF UNO			Z. THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL SYMBOLS. SOME OF THE SYMBOLS SHOWN MAY NOT HAVE BEEN USED IN THIS DRAWING PACKAGE.		J-BOX	J-BOX JUNCTION BOX	Z. THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL SYMBOLS. SOME OF THE SYMBOLS SHOWN MAY NOT HAVE BEEN USED IN THIS DRAWING PACKAGE.	
WALL MOUNTED LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			28 18" AFF UNO					KA	KA KILOAMP		
WALL MOUNTED LIGHT FIXTURE.			29 18" AFF UNO					KVA	KVA KILOVOLT		
WALL MOUNTED LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.			30 18" AFF UNO					KWH	KWH KILOWATT HOUR		
COMBINATION STARTER AND DISCONNECT, SIZE/POLES, STARTER SIZE AS INDICATED, NEMA 1 UNO			31 18" AFF UNO					LCP	LCP LIGHTING CONTROL PANEL		
COMBINATION STARTER AND DISCONNECT, SIZE/POLES, STARTER SIZE AS INDICATED, NEMA 1 UNO			32 18" AFF UNO					MB	MB MAIN BREAKER		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			33 18" AFF UNO					MCC	MCC MAIN CONTROL BREAKER		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			34 18" AFF UNO					MDP	MDP MAIN DISTRIBUTION PANEL		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			35 18" AFF UNO					MMC	MMC MODULAR METERING CENTER		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			36 18" AFF UNO					MH	MH METAL HALIDE		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			37 18" AFF UNO					MTC	MTC MAIN CONTROL BOARD MOUNTING		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			38 18" AFF UNO					N	N NEUTRAL		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			39 18" AFF UNO					(N)	(N) NEW		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			40 18" AFF UNO					NC	NC NEUTRALLY CLOSED		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			41 18" AFF UNO					NC	NC NEUTRALLY CLOSED		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			42 18" AFF UNO					NEC	NEC NATIONAL ELECTRICAL CODE		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			43 18" AFF UNO					NC	NC NOT IN CONTRACT		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			44 18" AFF UNO					NL	NL NIGHT LIGHT		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			45 18" AFF UNO					NO	NO NORMALLY OPEN		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			46 18" AFF UNO					NTS	NTS NOT TO SCALE		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			47 18" AFF UNO					OH	OH OVERHEAD		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			48 18" AFF UNO					OS	OS OCCUPANCY SENSOR		
SHUNTED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO			49 18" AFF UNO					POLE	POLE POLES		</



 COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: The Athletic Club At Jackson Hole
Project Type: Alteration

Construction Site:
980 WEST BROADWAY #8-#9
Jackson, Wyoming 83001

Owner/Agent:

Designer/Contractor:
Allen Halversen
Mugrove Engineering
645 West 25th Street
Idaho Falls, Idaho 83402
208-523-2862
allen@mugrovepa.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1-Gymnasium	7054	0.76	5361
Total Allowed Watts =			5361

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture (C X D)	E Watt.
Gymnasium (7054 sq.ft.)				
LED: A1: LED Panel 70W	1	53	69	3657
LED: B1: LED Linear 17W	1	10	16	160
LED: B2: LED Panel 19W	1	9	25	225
LED: B3: LED Panel 40W	1	5	40	200
LED: B4: LED Panel 54W	1	2	49	98
LED: C1: LED Panel 40W	1	14	19	266
LED: C2: LED Panel 54W	1	4	32	128
LED: F1: LED Panel 40W	1	8	40	320
LED: G1/G2: LED A Lamp 6W	1	42	3	139
Total Proposed Watts =			5193	

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting system has been determined to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

ALLEN HALVERSEN - PE



ALLEN HALVERSEN - PE
Name - Title
Signature
Date

Project Title: The Athletic Club At Jackson Hole
Report date: 06/26/23
Data filename: Page 1 of 6

 COMcheck Software Version COMcheckWeb
Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: The Athletic Club At Jackson Hole
Project Type: Alteration
Exterior Lighting Zone: 2 (Light industrial area with limited nighttime use (L2Z))

Construction Site:
980 WEST BROADWAY #8-#9
Jackson, Wyoming 83001

Owner/Agent:

Designer/Contractor:
Allen Halversen
Mugrove Engineering
645 West 25th Street
Idaho Falls, Idaho 83402
208-523-2862
allen@mugrovepa.com

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Wattage	D Tradable Watts / Wattage	E Allowed Watts (B X C)
Exterior Door (Pedestrian and vehicular entrances and exits)	6 ft of door	14	Yes	84
Total Tradable Watts (a) =			84	
Total Allowed Watts =			84	

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

(b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture (C X D)	E Watt.
Exterior Door (Pedestrian and vehicular entrances and exits, 6 ft of door width): Tradable Wattage	1	2	18	36
Total Tradable Proposed Watts =			36	
Exterior Lighting PASSES				

Exterior Lighting Compliance Statement

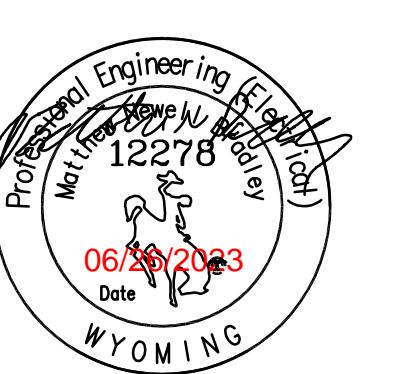
Statement: The proposed exterior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

ALLEN HALVERSEN - PE



Name - Title
Signature
Date

Project Title: The Athletic Club At Jackson Hole
Report date: 06/26/23
Data filename: Page 2 of 6



265000 COMMON WORK RESULTS FOR ELECTRICAL

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes
 - 1. Supporting devices for Electrical Components
 - 2. Protection from lightning
 - 3. Cutting and Patching For Electrical Construction
 - 4. Welding and Heating

1.2 REFERENCES

- A. ASTM International (ASTM) Publications
 - 1. A3 Standard for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless"
- B. American Society (AWS) Publications:
 - 1. Standard for Welding Procedure Qualification
 - 2. Standard for Inspection
- C. National Electrical Manufacturers Association (NEMA) Publications:
 - 1. 250 Endorsements for Electrical Equipment (1000 Volts Maximum)"

1.3 SUBMITTALS

- A. Shop Drawings: Submittals for each item of equipment and detail drawings are required to each indicating that the specifications have been complied with and that shop drawings are correct.
- B. General: All shop drawings shall be reviewed by the contractor before the shop drawings are submitted to the engineer. The contractor shall stamp all drawings with a statement that he has reviewed all shop drawings and that they conform to the intent of the drawings and specifications.
- C. Submittals: The first section of the manual shall contain:
 - a. Names, addresses, and telephone numbers of Electrical Engineer, General Contractor, and any other electrical engineer, architect, or designer involved in the project.
 - b. Contract identification.
 - c. General description of the project, Supplier, and Manufacturer.
 - d. Identification of the product, which includes the manufacturer's name and address.
 - e. Related to adjacent or critical features of the project.
 - f. Identification of drawings from Contract Documents.
 - g. General description of the project.
 - h. 6" x 9" space for Engineer's and Contractor's stamp.
 - i. General description of the project.
 - j. Identification of drawings from Contract Documents.
 - k. General description of the project.
 - l. General description of the project.
 - m. General description of the project.

14. Submittals shall be furnished for the following equipment:

- A. Panelboards, including the following:
 - 1. Overcurrent Protective Devices
 - 2. Motor Starters
 - 3. Switches
 - 4. Light Fixtures
 - 5. Motion Sensors
 - 6. Transformers
 - 7. Switches
 - 8. Grounding Bubblers
 - 9. Roof and Gutter, De-icing
 - 10. Panel System

15. General: Description and location of the information to be furnished with the submittals with requirements of the submittals.

16. Submittals shall be furnished for the following equipment:

- A. Panelboards, including the following:
 - 1. Overcurrent Protective Devices
 - 2. Motor Starters
 - 3. Switches
 - 4. Light Fixtures
 - 5. Motion Sensors
 - 6. Transformers
 - 7. Switches
 - 8. Grounding Bubblers
 - 9. Roof and Gutter, De-icing
 - 10. Panel System

17. General: Description and location of the information to be furnished with the submittals.

18. General: Description and location of the information to be furnished with the submittals.

19. General: Description and location of the information to be furnished with the submittals.

20. General: Description and location of the information to be furnished with the submittals.

21. General: Description and location of the information to be furnished with the submittals.

22. General: Description and location of the information to be furnished with the submittals.

23. General: Description and location of the information to be furnished with the submittals.

24. General: Description and location of the information to be furnished with the submittals.

25. General: Description and location of the information to be furnished with the submittals.

26. General: Description and location of the information to be furnished with the submittals.

27. General: Description and location of the information to be furnished with the submittals.

28. General: Description and location of the information to be furnished with the submittals.

29. General: Description and location of the information to be furnished with the submittals.

30. General: Description and location of the information to be furnished with the submittals.

31. General: Description and location of the information to be furnished with the submittals.

32. General: Description and location of the information to be furnished with the submittals.

33. General: Description and location of the information to be furnished with the submittals.

34. General: Description and location of the information to be furnished with the submittals.

35. General: Description and location of the information to be furnished with the submittals.

36. General: Description and location of the information to be furnished with the submittals.

37. General: Description and location of the information to be furnished with the submittals.

38. General: Description and location of the information to be furnished with the submittals.

39. General: Description and location of the information to be furnished with the submittals.

40. General: Description and location of the information to be furnished with the submittals.

41. General: Description and location of the information to be furnished with the submittals.

42. General: Description and location of the information to be furnished with the submittals.

43. General: Description and location of the information to be furnished with the submittals.

44. General: Description and location of the information to be furnished with the submittals.

45. General: Description and location of the information to be furnished with the submittals.

46. General: Description and location of the information to be furnished with the submittals.

47. General: Description and location of the information to be furnished with the submittals.

48. General: Description and location of the information to be furnished with the submittals.

49. General: Description and location of the information to be furnished with the submittals.

50. General: Description and location of the information to be furnished with the submittals.

51. General: Description and location of the information to be furnished with the submittals.

52. General: Description and location of the information to be furnished with the submittals.

53. General: Description and location of the information to be furnished with the submittals.

54. General: Description and location of the information to be furnished with the submittals.

55. General: Description and location of the information to be furnished with the submittals.

56. General: Description and location of the information to be furnished with the submittals.

57. General: Description and location of the information to be furnished with the submittals.

58. General: Description and location of the information to be furnished with the submittals.

59. General: Description and location of the information to be furnished with the submittals.

60. General: Description and location of the information to be furnished with the submittals.

61. General: Description and location of the information to be furnished with the submittals.

62. General: Description and location of the information to be furnished with the submittals.

63. General: Description and location of the information to be furnished with the submittals.

64. General: Description and location of the information to be furnished with the submittals.

65. General: Description and location of the information to be furnished with the submittals.

66. General: Description and location of the information to be furnished with the submittals.

67. General: Description and location of the information to be furnished with the submittals.

68. General: Description and location of the information to be furnished with the submittals.

69. General: Description and location of the information to be furnished with the submittals.

70. General: Description and location of the information to be furnished with the submittals.

71. General: Description and location of the information to be furnished with the submittals.

72. General: Description and location of the information to be furnished with the submittals.

73. General: Description and location of the information to be furnished with the submittals.

74. General: Description and location of the information to be furnished with the submittals.

75. General: Description and location of the information to be furnished with the submittals.

76. General: Description and location of the information to be furnished with the submittals.

77. General: Description and location of the information to be furnished with the submittals.

78. General: Description and location of the information to be furnished with the submittals.

79. General: Description and location of the information to be furnished with the submittals.

80. General: Description and location of the information to be furnished with the submittals.

81. General: Description and location of the information to be furnished with the submittals.

82. General: Description and location of the information to be furnished with the submittals.

83. General: Description and location of the information to be furnished with the submittals.

84. General: Description and location of the information to be furnished with the submittals.

85. General: Description and location of the information to be furnished with the submittals.

86. General: Description and location of the information to be furnished with the submittals.

87. General: Description and location of the information to be furnished with the submittals.

88. General: Description and location of the information to be furnished with the submittals.

89. General: Description and location of the information to be furnished with the submittals.

90. General: Description and location of the information to be furnished with the submittals.

91. General: Description and location of the information to be furnished with the submittals.

92. General: Description and location of the information to be furnished with the submittals.

93. General: Description and location of the information to be furnished with the submittals.

94. General: Description and location of the information to be furnished with the submittals.

95. General: Description and location of the information to be furnished with the submittals.

96. General: Description and location of the information to be furnished with the submittals.

97. General: Description and location of the information to be furnished with the submittals.

98. General: Description and location of the information to be furnished with the submittals.

99. General: Description and location of the information to be furnished with the submittals.

100. General: Description and location of the information to be furnished with the submittals.

101. General: Description and location of the information to be furnished with the submittals.

102. General: Description and location of the information to be furnished with the submittals.

103. General: Description and location of the information to be furnished with the submittals.

104. General: Description and location of the information to be furnished with the submittals.

105. General: Description and location of the information to be furnished with the submittals.

106. General: Description and location of the information to be furnished with the submittals.

107. General: Description and location of the information to be furnished with the submittals.

108. General: Description and location of the information to be furnished with the submittals.

109. General: Description and location of the information to be furnished with the submittals.

110. General: Description and location of the information to be furnished with the submittals.

111. General: Description and location of the information to be furnished with the submittals.

112. General: Description and location of the information to be furnished with the submittals.

113. General: Description and location of the information to be furnished with the submittals.

114. General: Description and location of the information to be furnished with the submittals.

115. General: Description and location of the information to be furnished with the submittals.

116. General: Description and location of the information to be furnished with the submittals.

117. General: Description and location of the information to be furnished with the submittals.

118. General: Description and location of the information to be furnished with the submittals.

119. General: Description and location of the information to be furnished with the submittals.

120. General: Description and location of the information to be furnished with the submittals.

121. General: Description and location of the information to be furnished with the submittals.

122. General: Description and location of the information to be furnished with the submittals.

123. General: Description and location of the information to be furnished with the submittals.

124. General: Description and location of the information to be furnished with the submittals.

125. General: Description and location of the information to be furnished with the submittals.

126. General: Description and location of the information to be furnished with the submittals.

127. General: Description and location of the information to be furnished with the submittals.

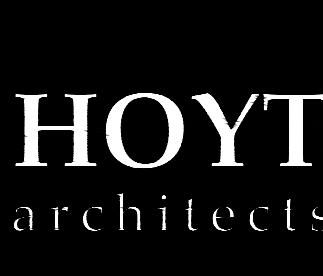
128. General: Description and location of the information to be furnished with the submittals.

129. General: Description and location of the information to be furnished with the submittals.

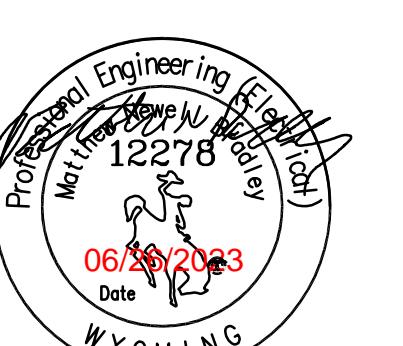
</



MUSGROVE
ENGINEERING, P.A.
234 S. Whitewood Way
Boise, ID 83708
208.523.2862
www.musgrovepa.com
Project No. 23-129



Jackson Wyoming
architects design
307.733.9955



The Athletic Club at Jackson Hole

Jackson, WY

26100 INTERIOR LIGHTING

1.1 SUMMARY

- A. Section includes
 - 1. Interior Lighting Fixtures
 - 2. Power Supply
 - 3. Emergency Lighting Units
 - 4. Accessories

1.2 REFERENCES

- A. American National Standards Institute (ANSI) Publications:
 - CSA 41 Ballasts for High – Intensity – Discharge and Low Pressure Sodium Lamps (Multiple-Supply Type)
- B. Institute of Electrical and Electronics Engineers, Inc. (IEEE) Publications
 - 1. CISG-41 Surge Voltages in Low-Voltage AC Power Circuits
- C. National Fire Protection Association (NFPA) Publications
 - 1. NFPA 70 National Electrical Code
 - 2. NFPA 1 Life Safety Code
- D. Underwriters Laboratories (UL) Publications
 - 1. 499-B Standard for Wire Connectors and Splicing Lugs for Use with Copper Conductors
 - 2. 499-B Standard for Wire Connectors for Use with Aluminum Conductors
 - 3. 500 Standard for Emergency Lighting and Power Equipment

1.3 PRIOR APPROVAL

- A. General
 - 1. Catalog and manufacturer's numbers for the purpose of establishing standards of quality and types of fixtures to be used. Products of other manufacturers must be used if equal in quality and design in the opinion of the Engineer and will specifically be approved by the Engineer, in writing, 10 days prior to close of bidding. Approval of the Engineer is required for the use of any equipment not specifically listed in the drawings or specifications. The Contractor and his supplier shall bear all costs required to make equipment comply with the intent of the drawings and specifications.

1.4 SUBMITTALS

- A. General: Submit in accordance with Contract of Contract and Division 01 Specification Sections:
 - 1. For each type of lighting fixture indicated, arranged in order of fixture designation. Indicate data on features and dimensions of fixture.
 - 2. Dimensions.
 - 3. Current rating.
 - 4. Emergency lighting unit battery and charger.
 - 5. Protection class.

- B. Dimming Ballast Compatibility Certificate: Signed by manufacturer of ballasts certifying that ballasts are compatible with the fixtures.

- C. Field Test Reports: Indicate and list test results for compliance with performance requirements.

- D. Maintenance Data: For lighting fixtures. Indicate to be included in maintenance manuals specified in Division 01.

1.5 QUALITY ASSURANCE

- A. Approved Lighting Units, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.

- B. Comply with NFPA 70.

1.6 COORDINATION

- A. Fixtures, Mounting Hardware, and Trim: Coordinate layout and installation of lighting fixtures with ceiling system and other construction.

1.7 EXTRA MATERIALS

- A. Deliver extra materials to Owner. Furnish extra materials described in Division 01 Section that match products included in packaged with protective covering for storage, and are identified with labels describing contents.

2.1 FIXTURES AND FIXTURE COMPONENTS, GENERAL

- A. Approved Manufacturers:
 - 1. Subject to compliance with requirements, provide the products indicated for each designation in Lighting Fixture Section 26100.
 - 2. All alternate light fixture packages shall be submitted a minimum of 10 days prior to bid for approval.

- B. Metal Pans: Free from burns, sharp corners, and edges.

- C. Sheet Metal Components: Steel, unless otherwise specified. Provide to prevent warping and sagging.

- D. Doors, Frames, and Other Internal Access: Smooth operating. Free from light leakage under operating conditions, and arranged to permit returning without use of tools. Arrange doors, frames, lenses, diffusers, and other pieces to prevent damage to fixtures and to permit easy cleaning and maintenance.

- E. Reflected Surfaces: Minimum reflection as follows, unless otherwise indicated:
 - 1. White Surfaces: 85 percent.
 - 2. Smooth Surfaces: 80 percent.
 - 3. Diffusing Surfaces: 75 percent.
 - 4. Lenses: 90 percent.
 - 5. Lenses, Diffusers, and Globes: 90 percent.

- F. Lenses, Diffusers, and Globes: 100 percent virgin acrylic or annealed crystal glass, unless otherwise indicated.

- G. Plastic: High resistance to yellowing and other changes due to aging, exposure to heat, and ultraviolet radiation.

- H. Lens Thickness: 0.125 inch minimum, unless greater thickness is indicated.

2.2 LED LIGHTING FIXTURES

- A. General Requirements: See lighting fixture schedule for specifications.

2.3 EXIT SIGNS

- A. General Requirements: Comply with UL 924 and the following:
 - 1. Sign Colors and Lettering Size: Comply with authorities having jurisdiction.

- B. Internally Lit Signs: As follows:
 - 1. Lamps for AC Operation: Light-emitting diodes, 70,000 hours minimum rated lamp life.

- C. Operation: Relay automatically turns lamp on when supply voltage drops to 80 percent of nominal or rated voltage. When nominal voltage is restored, relay disconnects lamps, and battery is automatically recharged and flooded with current.

2.4 EMERGENCY LIGHTING UNITS

- A. General Requirements: Self-contained units. Comply with UL 924. Units include the following features:
 - 1. Battery: Sealed, maintenance-free, lead-acid type with minimum 10-year nominal rated service life.
 - 2. Charger: An automatic, self-contained, self-temperature-controlled, self-protecting, and self-starting.
 - 3. Operation: Relay automatically turns lamp on when supply voltage drops to 80 percent of nominal or rated voltage. When nominal voltage is restored, relay disconnects lamps, and battery is automatically recharged and flooded with current.
 - 4. Integral Time-Delay Relay: Arranged to hold unit on for required time after restoring power after an outage. Provide to permit high-intensity emergency lighting to remain and develop adequate output.

2.5 FIXTURE SUPPORT COMPONENTS

- A. Comply with Section 260500 "Common Work Results for Electrical"

- B. Single-String Hangers: 1/2-inch steel tubing with swivel ball fitting and ceiling canopy. Finish same as fixture.

- C. Two-String Hangers: Two 1/2-inch steel tubing with single canopy arranged to mount a single fixture. Finish same as fixture.

- D. Rod Hangers: 3/8-inch minimum diameter, cadmium-plated, threaded steel rod.

- E. Hook Hangers: Integrated assembly matched to fixture and line voltage and equipped with threaded attachment cord, and locking-type plug.

- F. Aircraft Cable Support: Use cable, anchorages, and intermediate supports recommended by fixture manufacturer.

2.6 FINISHES

- A. Fixtures: Manufacturers standard, unless otherwise indicated.

- B. Metal Finishes: Comply with NFPA 70.

- C. Colors: As indicated in Light Fixture Schedule.

2.7 LAMPS

- A. Approved Manufacturers:
 - 1. LED: See lighting fixture schedule

- B. Color Temperature and Minimum Color-Rendering Index: 4000 K and 85 CRI, unless otherwise indicated.

2.8 PART 3 EXECUTION

3.1 INSTALLATION

- A. Fixtures: Set level, plumb, and square with ceiling and walls, and secure according to manufacturer's written instructions and approved materials. Install lamps in each fixture.

- B. Support for Fixtures in on-Grid Type Suspended Ceilings:
 - 1. Recessed lighting fixture shall be supported independently from the suspended ceiling system. Number 8 gauge galvanized steel wire or approved type hangers from the overhead building structures shall be provided for fixture support.

3.2 LIGHT FIXTURE ATTACHMENT

- A. Light fixtures: Set level, plumb, and square with ceiling and walls, and secure according to manufacturer's written instructions and approved materials. Install lamps in each fixture.

- B. Surface-mounted fixtures shall be attached to grid.

- C. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- D. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- E. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- F. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- G. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- H. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- I. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- J. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- K. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- L. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- M. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- N. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- O. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- P. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- Q. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- R. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- S. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- T. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- U. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- V. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- W. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- X. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- Y. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- Z. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- AA. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- BB. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- CC. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- DD. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- EE. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- FF. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- GG. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- HH. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- II. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- JJ. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- KK. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- LL. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- MM. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- NN. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- OO. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- PP. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

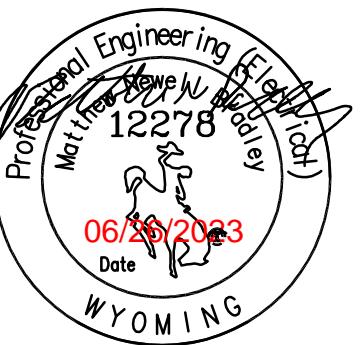
- QQ. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- RR. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- SS. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

- TT. Recessed lighting fixture shall be directly supported from 9-gauge wire (or approved alternative).

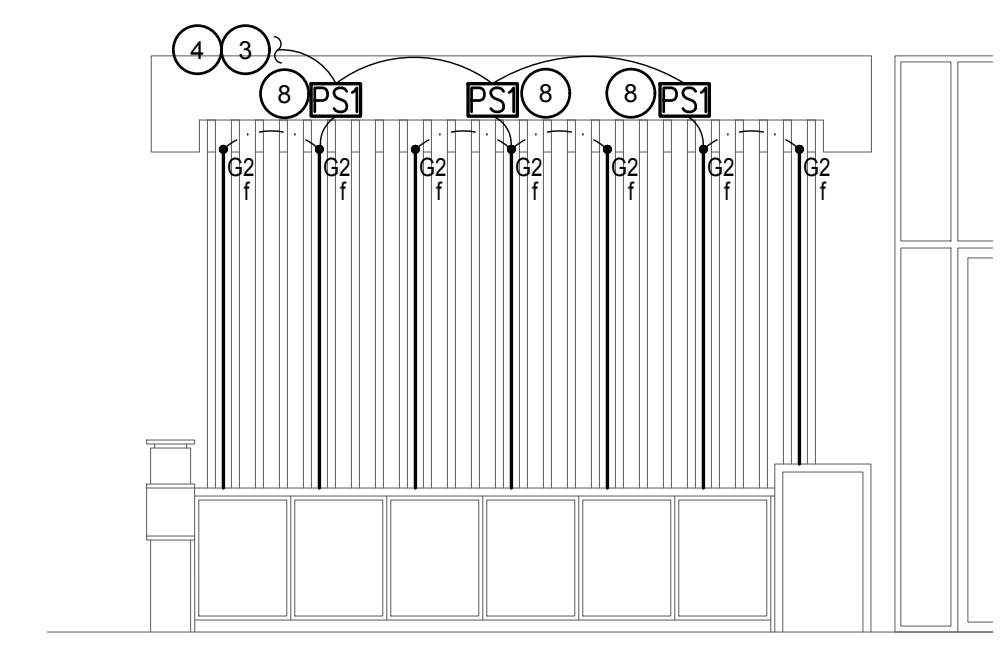
- UU. Recess



KEYED NOTES:

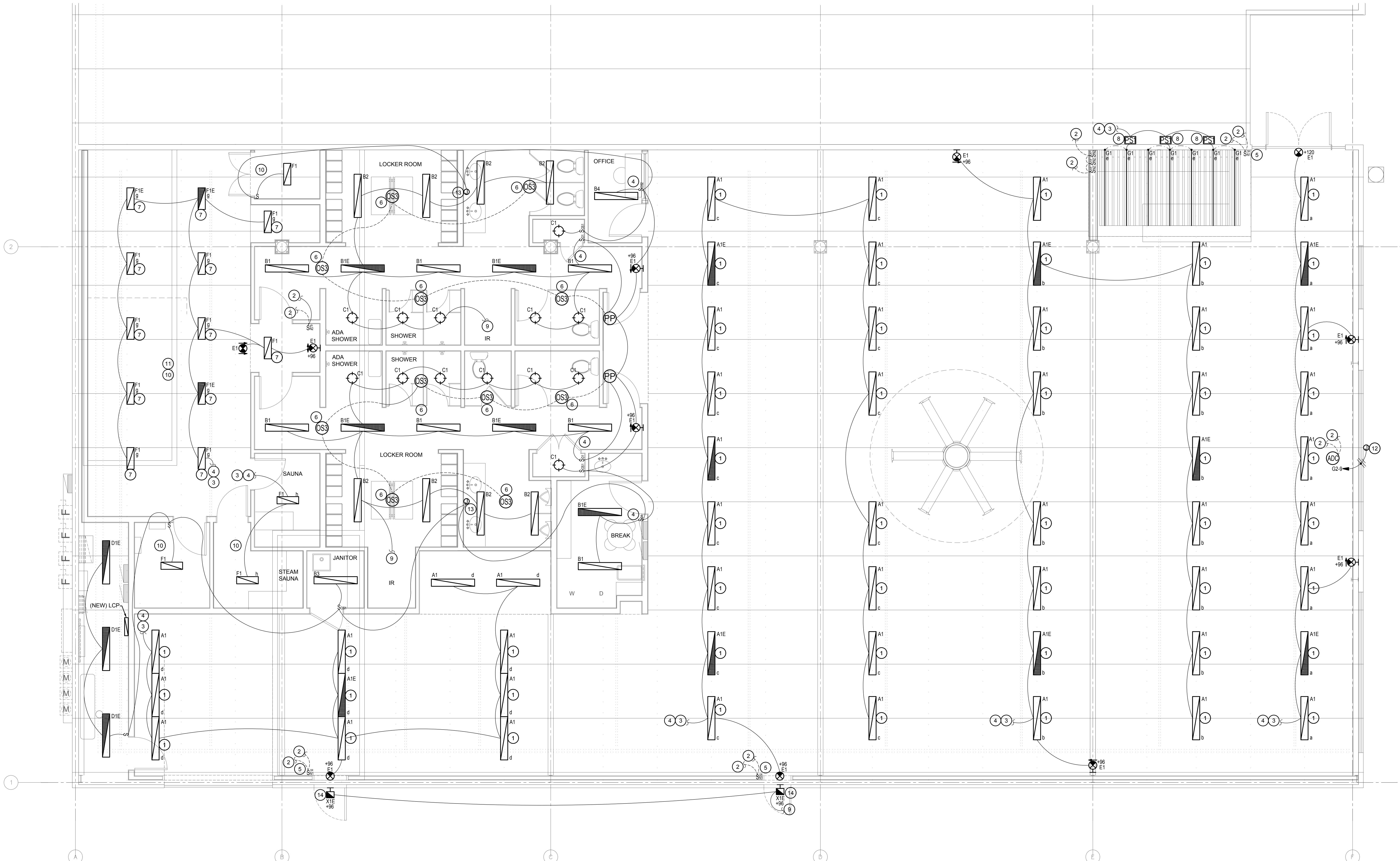
SYMBOL USED FOR NOTE CALLOUT.

- NOTED FIXTURE TO BE INSTALLED VIA AIRCRAFT CABLE FROM CEILING STRINGER AT A HEIGHT OF 132" ABOVE FINISHED FLOOR.
- ELECTRICAL CONTRACTOR TO DAISY CHAIN CATSE CABLE BETWEEN ALL NIGHT ENABLED EQUIPMENT AND NIGHT LIGHTING CONTROL PANEL. SEE SHEET E600 FOR MORE INFORMATION.
- CIRCUIT TO BE CONNECTED TO LIGHTING CONTROL PANEL. SEE SHEET E600 FOR MORE INFORMATION.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL 0.10V DIMMABLE CABLE FROM DIMMING SWITCH TO LIGHTING CONTROL PANEL TO ALL LIGHT FIXTURES IN THE LIGHTING ZONE.
- NOTED OVERRIDE SWITCH TO BE PROGRAMMED TO TURN LIGHTS ON OR OFF AFTER BUSINESS HOURS AND DISABLED DURING BUSINESS HOURS. VERIFY CONTROL PROGRAMMING WITH OWNER.
- INSTALL HIGH HUMIDITY DUAL TECHNOLOGY CEILING MOUNT SMALL MOTION OCCUPANCY SENSOR AND CONNECT WITH LOW VOLTAGE CABLE AS RECOMMENDED BY THE MANUFACTURER. SEE SHEET E600 FOR MORE INFORMATION.
- NOTED FIXTURE TO BE INSTALLED AT A HEIGHT OF 90" OR MORE ABOVE THE MAXIMUM WATER LEVEL AND POWERED BY A GFCI PROTECTED CIRCUIT PER NEC 680.43(B).
- SEE FIXTURE SCHEDULE FOR LOW VOLTAGE LIGHTING POWER SUPPLY INFORMATION.
- CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT.
- ELECTRICAL EQUIPMENT IN THIS ROOM TO BE RATED NEMA 4X FOR HUMID CORROUSIVE ENVIRONMENTS.
- ALL ELECTRICAL EQUIPMENT IN THIS ROOM TO COMPLY WITH NEC SECTIONS 680.40 - 680.49.
- POWER FOR EXTERIOR SIGNAGE. ELECTRICAL CONTRACTOR TO HEIGHT HEIGHT AND LOCATION OF JUNCTION BOX PRIOR TO INSTALLATION.
- ELECTRICAL CONTRACTOR TO COORDINATE HEIGHT AND LOCATION OF JUNCTION BOX FOR MIRROR LIGHT WITH MIRROR DOCUMENTATION PRIOR TO INSTALLATION.
- ELECTRICAL CONTRACTOR TO VERIFY THAT NO EXTERIOR EMERGENCY FIXTURE IS CURRENTLY INSTALLED BEFORE ORDERING AND INSTALLING NEW EXTERIOR EMERGENCY FIXTURE SHOWN ON PLANS.



CHECK-IN FRONT LIGHTING ELEVATION

1/4"=1'-0"



LIGHTING PLAN

1/4"=1'-0"

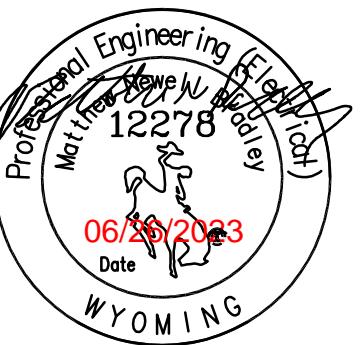
Jackson, WY
The Athletic Club at Jackson Hole

© 2021 | ALL RIGHTS RESERVED
CD

06.26.2023
DRAWN BY | AH
CHECKED BY | MNB
REVISIONS

LIGHTING PLAN

E100



KEYED NOTES:

(+) SYMBOL USED FOR NOTE CALLOUT.

1. SEE SHEET E600 FOR THERMOSTAT ROUGH-IN DETAIL.

2. 3/4" C FOR CONTROLS.

3. EXISTING RELOCATED RTU WITH UNKNOWN ELECTRICAL REQUIREMENTS. ELECTRICAL CONTRACTOR TO FIELD VERIFY EQUIPMENT ELECTRICAL REQUIREMENTS AND ADJUST FUSES, CONDUIT, AND CONDUCTOR SIZES AS NEEDED.

4. CONNECT TRAP PRIMER TO POWER CIRCUIT IN ROOM. SEE SHEET E200 FOR CIRCUIT INFORMATION.

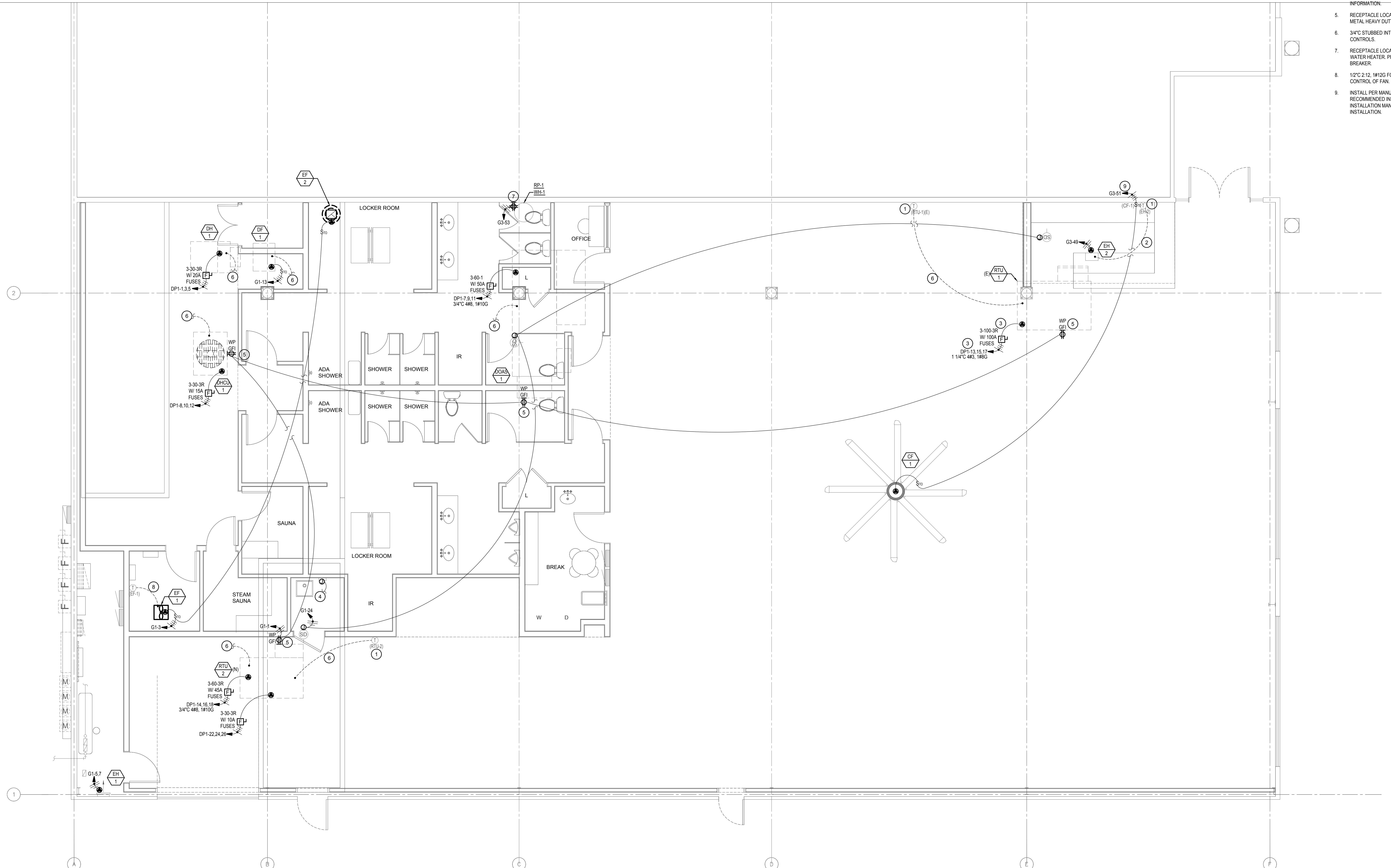
5. RECEPTACLE LOCATED ON ROOF. PROVIDE METAL HEAVY DUTY IN-USE RATED COVER.

6. 3/4" STUBBED INTO BUILDING FOR CONTROLS.

7. RECEPTACLE LOCATED ON MEZZANINE FOR WATER HEATER. PROTECTED BY GFCI BREAKER.

8. 1/2" C 12, 1H 12G FOR THERMOSTAT CONTROL OF FAN.

9. INSTALL PER MANUFACTURERS RECOMMENDED INSTALLATION. READ INSTALLATION MANUAL PRIOR TO INSTALLATION.



MECHANICAL POWER PLAN

1/4"=1'-0"

Jackson, WY
The Athletic Club at Jackson Hole

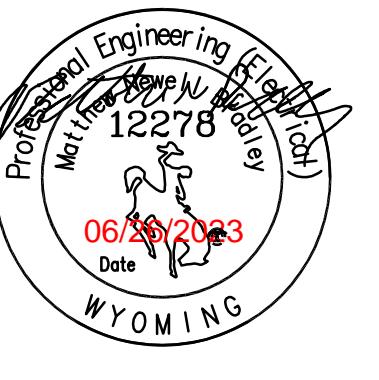
© 2021 | ALL RIGHTS RESERVED

CD

06.26.2023
DRAWN BY | AH
CHECKED BY | MNB
REVISIONS

MECHANICAL POWER PL/

E300



KEYED NOTES:

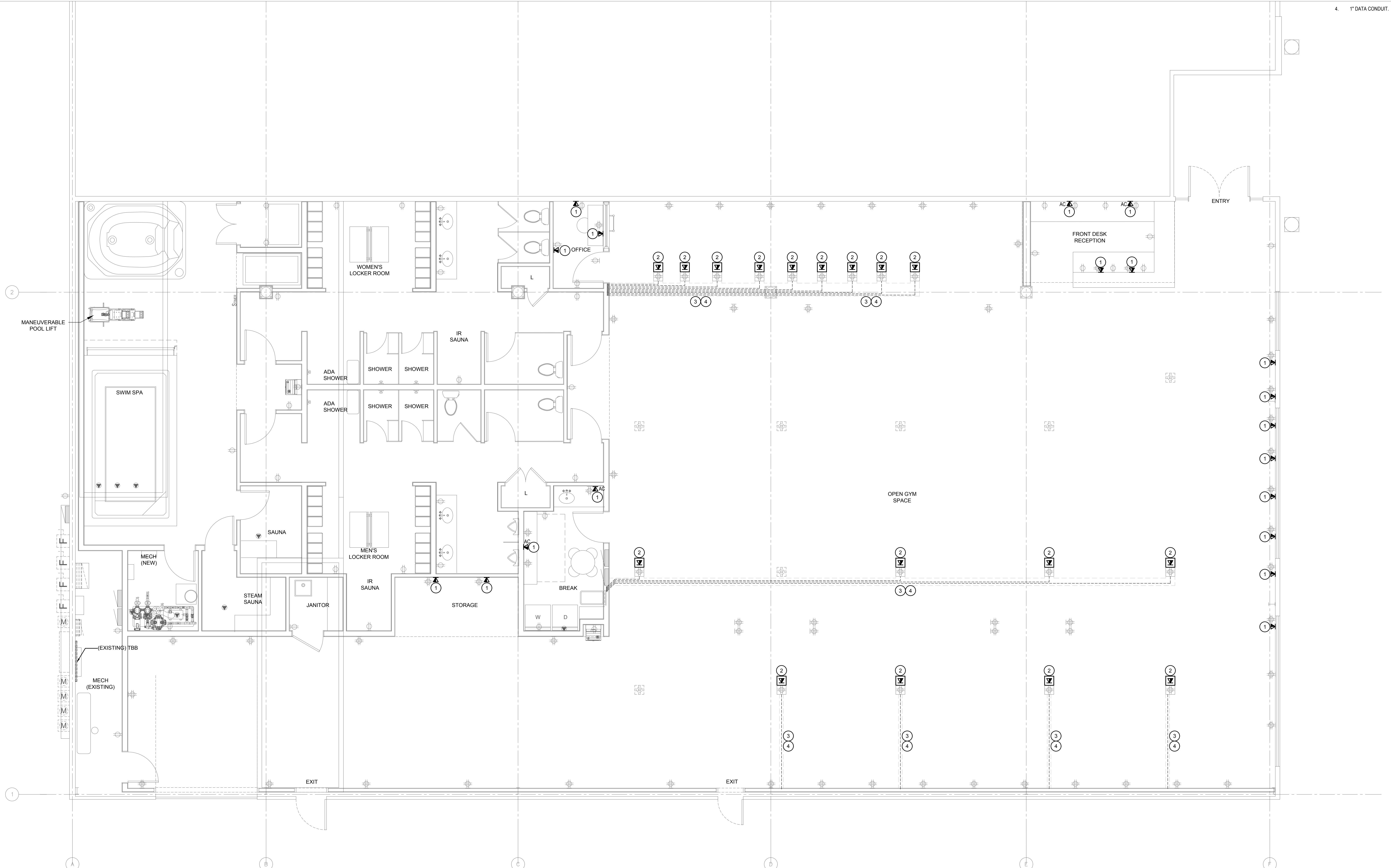
(◎) SYMBOL USED FOR NOTE CALLOUT.

1. SEE SHEET E600 FOR DATA/COMM ROUGH-IN DETAIL.

2. APPROXIMATE LOCATION OF NEW POWER/DATA FLOOR BOX, VERIFY LOCATION WITH GYM EQUIPMENT RELOCATED AND OTHER PRIOR TO INSTALLATION. SEE SHEET E600 FOR FLOOR BOX ROUGH-IN DETAIL.

3. GENERAL CONTRACTOR TO SAW CUT EXISTING CONCRETE FOR NEW POWER AND DATA CONDUIT, CONDUCTOR, AND FLOOR BOXES.

4. 1" DATA CONDUIT.



SPECIAL SYSTEMS PLAN

1/4"=1'-0"

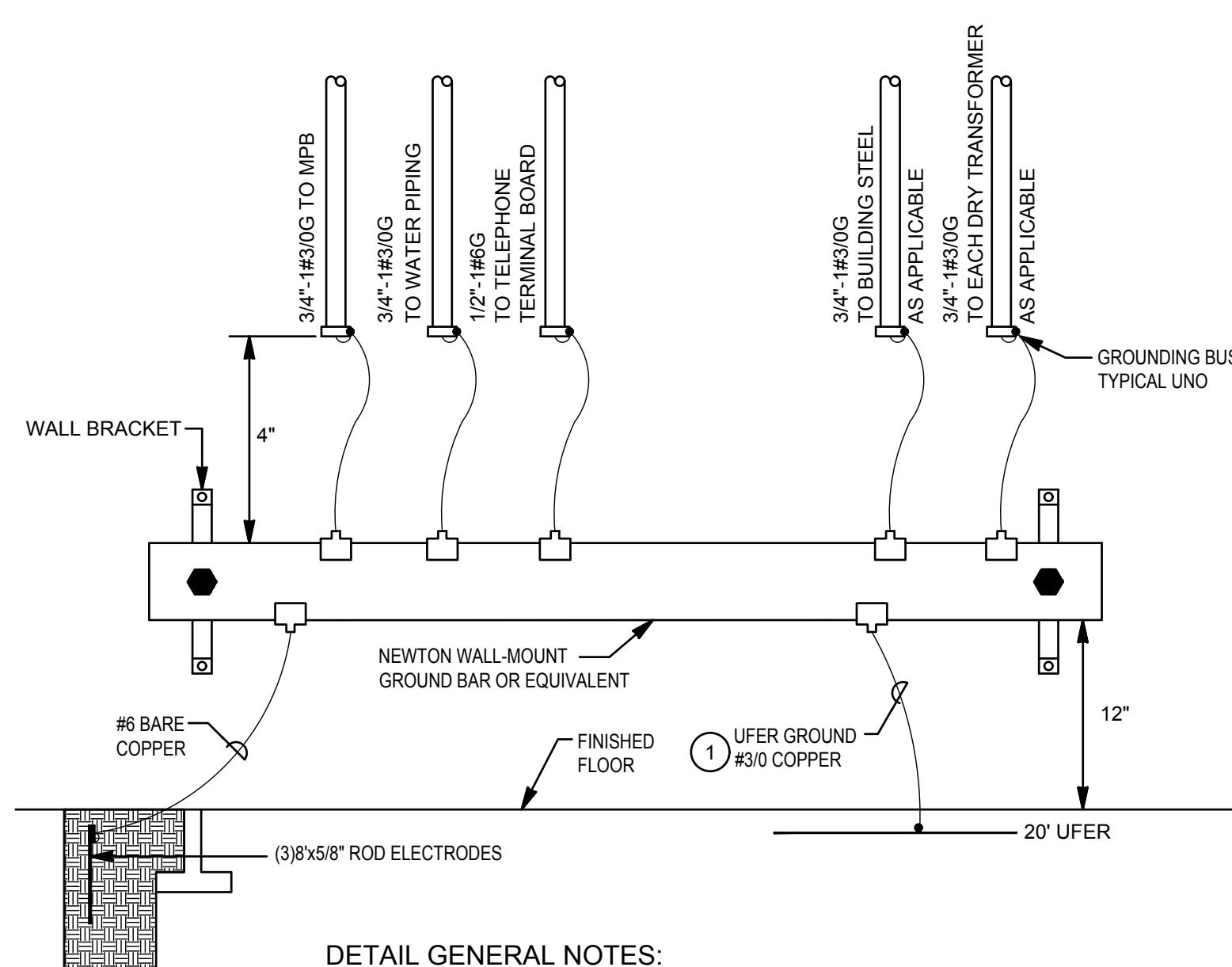
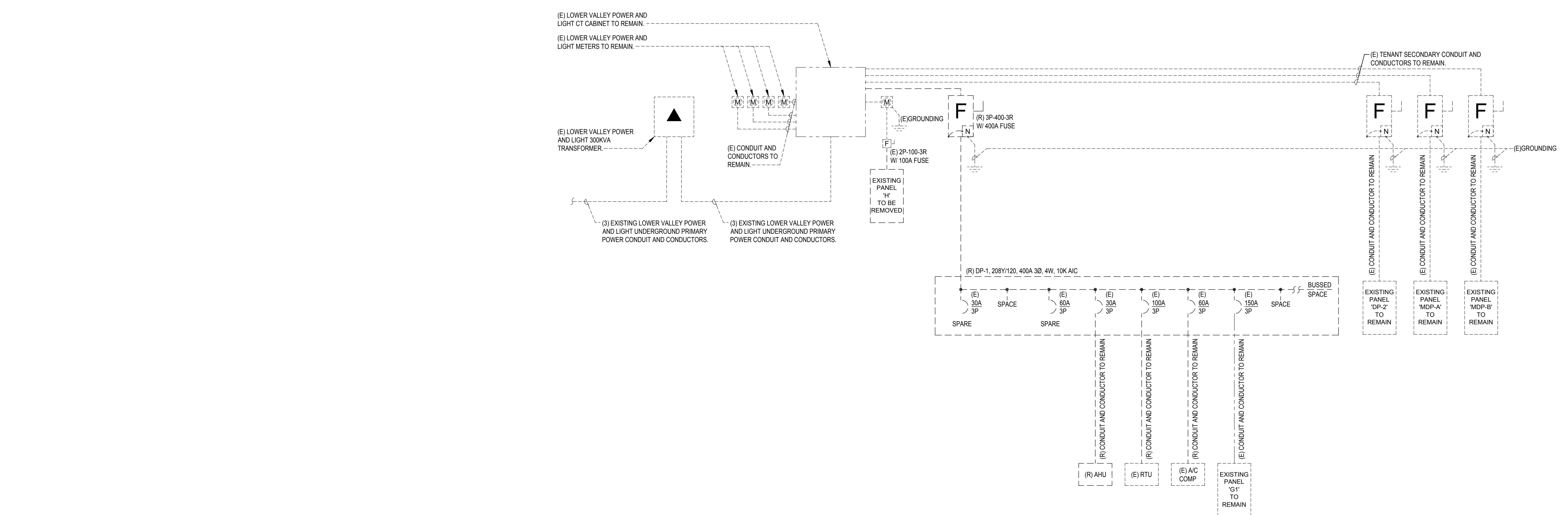
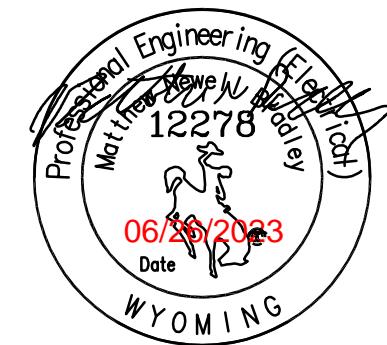
Jackson, WY
The Athletic Club at Jackson Hole

© 2021 | ALL RIGHTS RESERVED
CD

06.26.2023
DRAWN BY | AH
CHECKED BY | MNB
REVISIONS

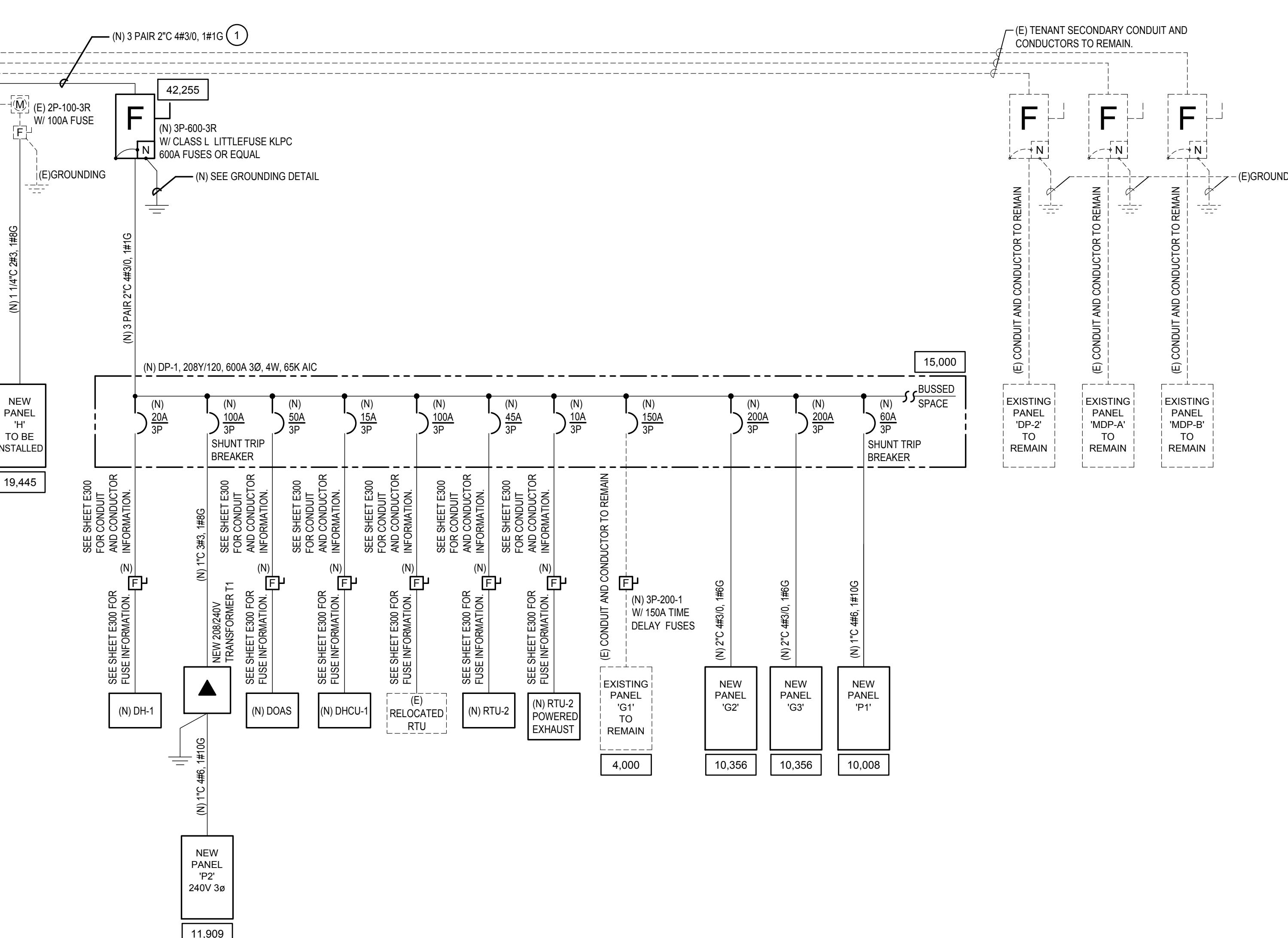
SPECIAL SYSTEMS PLAI

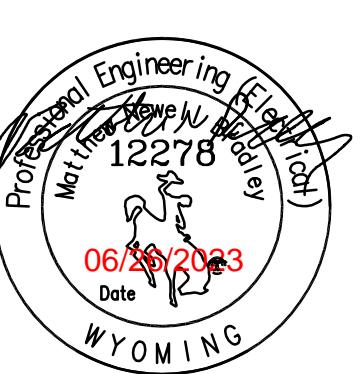
E400



GENERAL NOTES:

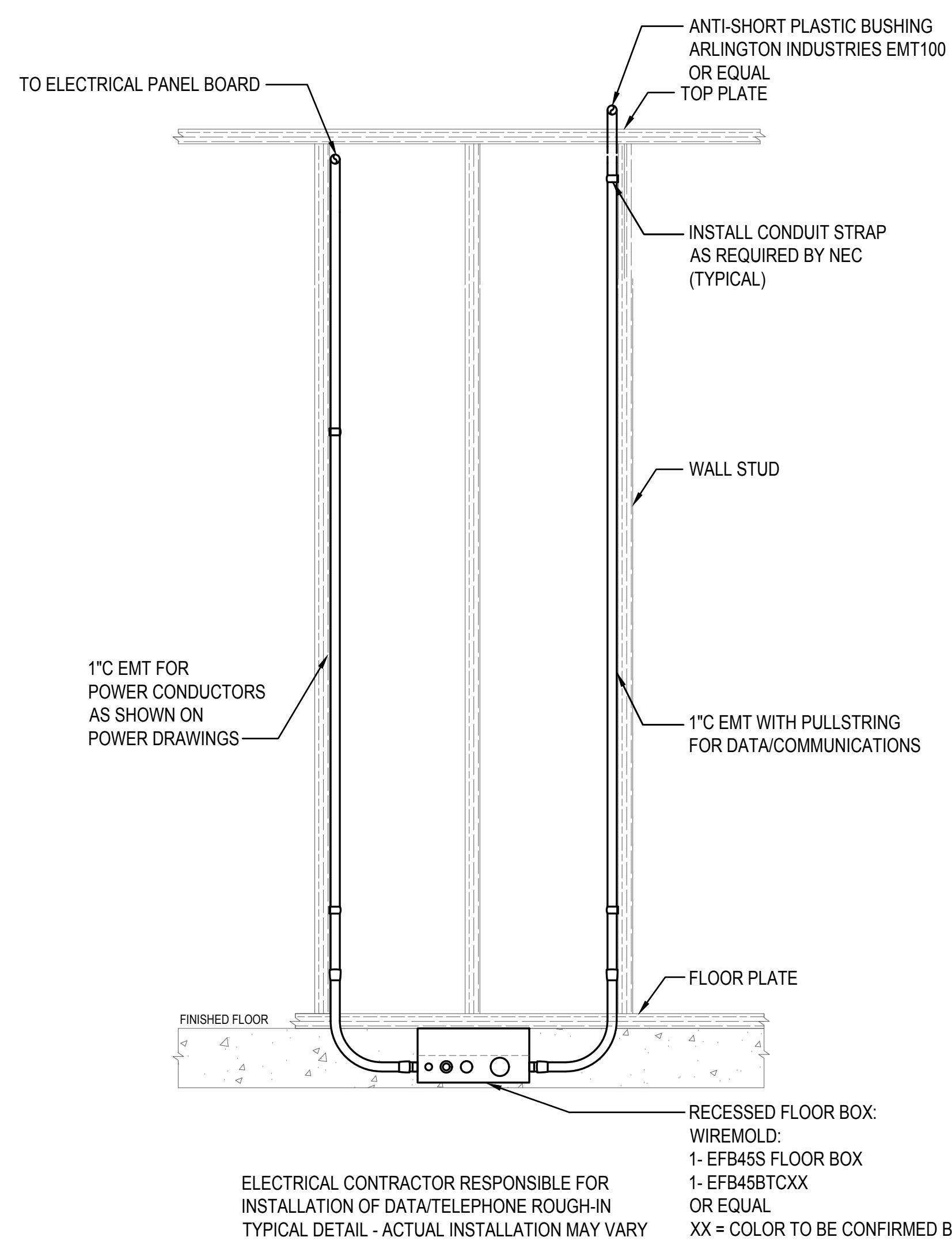
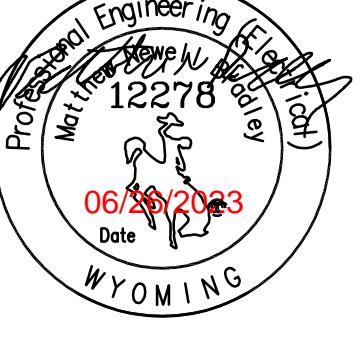
DETAIL KEYED NOTES:



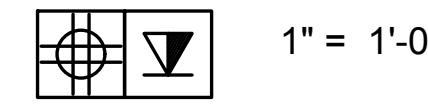


PANEL: H (TO BE REPLACED)		PROJECT: THE ATHLETIC CLUB AT JACKSON HOLE														PROJECT: THE ATHLETIC CLUB AT JACKSON HOLE		VOLTAGE: 208 / 120 V		3 PH	4 WIRE	AMPERE RATING: 125A		WITH 125A MLO		MOUNTING: SURFACE	
VOLTAGE: 208 / 120 V		3 PH	4 WIRE	AMPERE RATING: 125A		WITH 125A MLO		MOUNTING: SURFACE		PROJECT: THE ATHLETIC CLUB AT JACKSON HOLE		VOLTAGE: 208 / 120 V		3 PH	4 WIRE	AMPERE RATING: 125A		WITH 125A MLO		MOUNTING: SURFACE							
BASIS OF DESIGN PANEL TYPE:		NEMA ENCLOSURE TYPE: 1		PANEL AIC RATING: 10000 AIC		BASIS OF DESIGN PANEL TYPE:		NEMA ENCLOSURE TYPE: 3R		PANEL AIC RATING: 22000		BASIS OF DESIGN PANEL TYPE:		NEMA ENCLOSURE TYPE: 1		PANEL AIC RATING: 10000 AIC		BASIS OF DESIGN PANEL TYPE:		NEMA ENCLOSURE TYPE: 1		PANEL AIC RATING: 22000					
CKT NOTES: 1. EXISTING BREAKER																											
1 SPARE	1	0.0	-	1	1	40	2	0.0	1	PARKING LOT LIGHTS	2																
3 UNKNOWN	1	0.0	50	2	1	0	0	0	1	PARKING LOT LIGHT CONTROLS	4																
5 UNKNOWN	1	0.0	50	2	1	20	1	0	1	SPARE	8																
7 UNKNOWN	1	0.0	50	2	1	20	1	0	1	SPARE	10																
9 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	12																
11 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	14																
13 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	16																
15 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	18																
17 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	20																
19 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	22																
21 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	24																
23 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	26																
25 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	28																
27 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	30																
29 SPARE	1	0.0	-	1	0	-	1	0.0	-	SPARE	30																
		2.0	1.0	0.0	VA					180.0	0.0	0.0	V														
		0.0	0.0	0.0	AMPS					15.0	1.0	0.0	AMPS														
		3. TOTAL VA								180 TOTAL VA																	

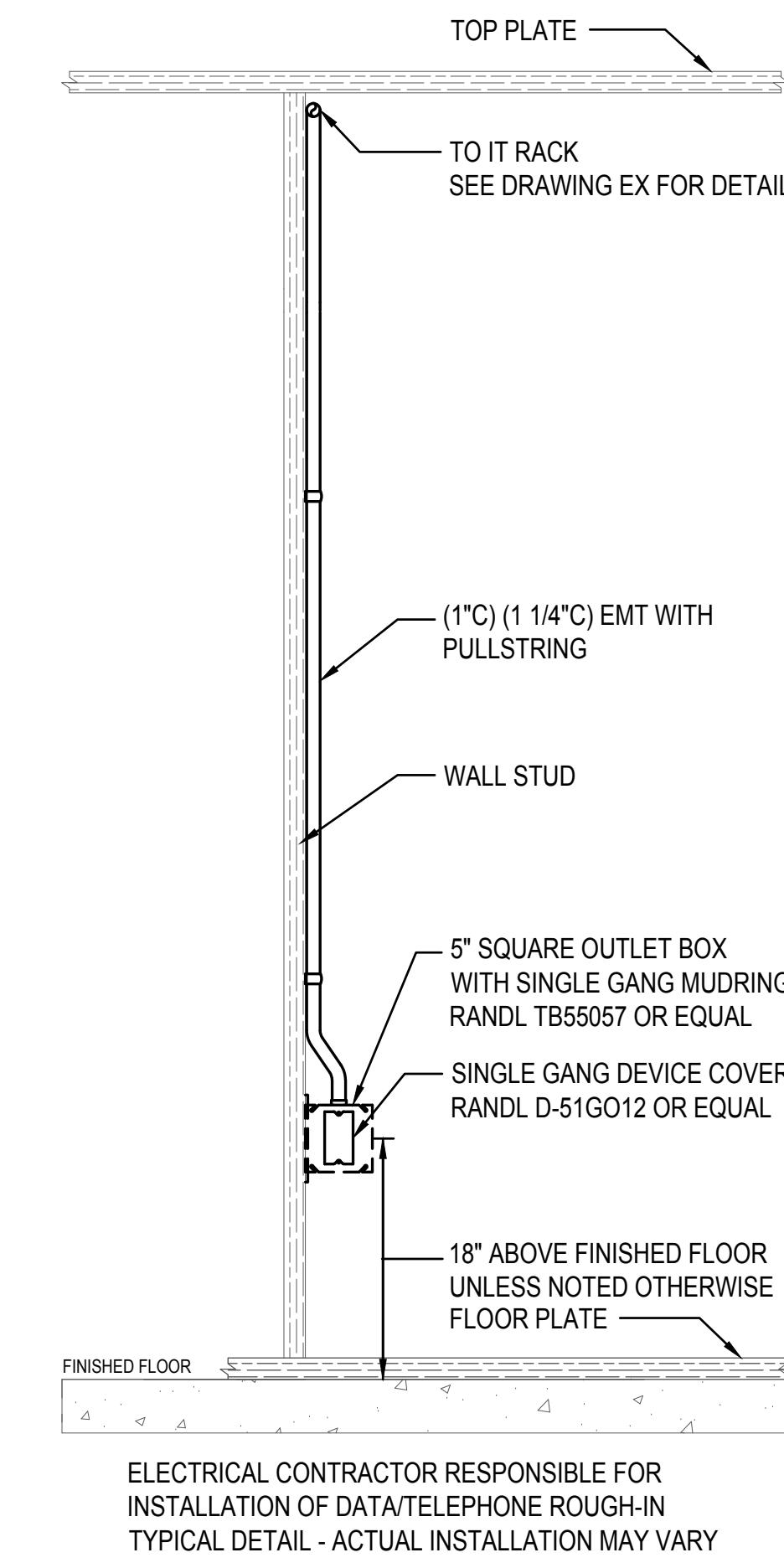
PANEL: H (NEW)		PROJECT: THE ATHLETIC CLUB AT JACKSON HOLE														PROJECT: THE ATHLETIC CLUB AT JACKSON HOLE		VOLTAGE: 208 / 120 V		3 PH	4 WIRE	AMPERE RATING: 125A		WITH 125A MLO		MOUNTING: SURFACE	
VOLTAGE: 208 / 120 V		3 PH	4 WIRE	AMPERE RATING: 125A		WITH 125A MLO		MOUNTING: SURFACE		PROJECT: THE ATHLETIC CLUB AT JACKSON HOLE		VOLTAGE: 208 / 120 V		3 PH	4 WIRE	AMPERE RATING: 125A		WITH 125A MLO		MOUNTING: SURFACE							
BASIS OF DESIGN PANEL TYPE:		PANEL BOARD		NEMA ENCLOSURE TYPE: 1		PANEL BOARD		NEMA ENCLOSURE TYPE: 3R		PANEL AIC RATING: 22000		BASIS OF DESIGN PANEL TYPE:		PANEL BOARD		NEMA ENCLOSURE TYPE: 1		PANEL AIC RATING: 22000									
CKT NOTES: 1. RED HANDLE, LOCKABLE BREAKER																											
1 UNKNOWN	1	0.0	50	2	1	0	0	0	1	PARKING LOT LIGHTS	2																
3 UNKNOWN	1	0.0	50	2	1	0	0	0	1	PARKING LOT LIGHT CONTROLS	4																
5 UNKNOWN	1	0.0	50	2	1	20	1	0	1	SPARE	8																
7 UNKNOWN	1	0.0	50	2	1	20	1	0	1	SPARE	10																
9 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	12																
11 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	14																
13 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	16																
15 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	18																
17 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	20																
19 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	22																
21 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	24																
23 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	26																
25 SPARE	1	0.0	50	2	1	0	0	0	1	SPARE	28																
27 SPARE	1	0.0	50	2	1																						



POWER/DATA FLOOR BOX ROUGH-IN DETAIL



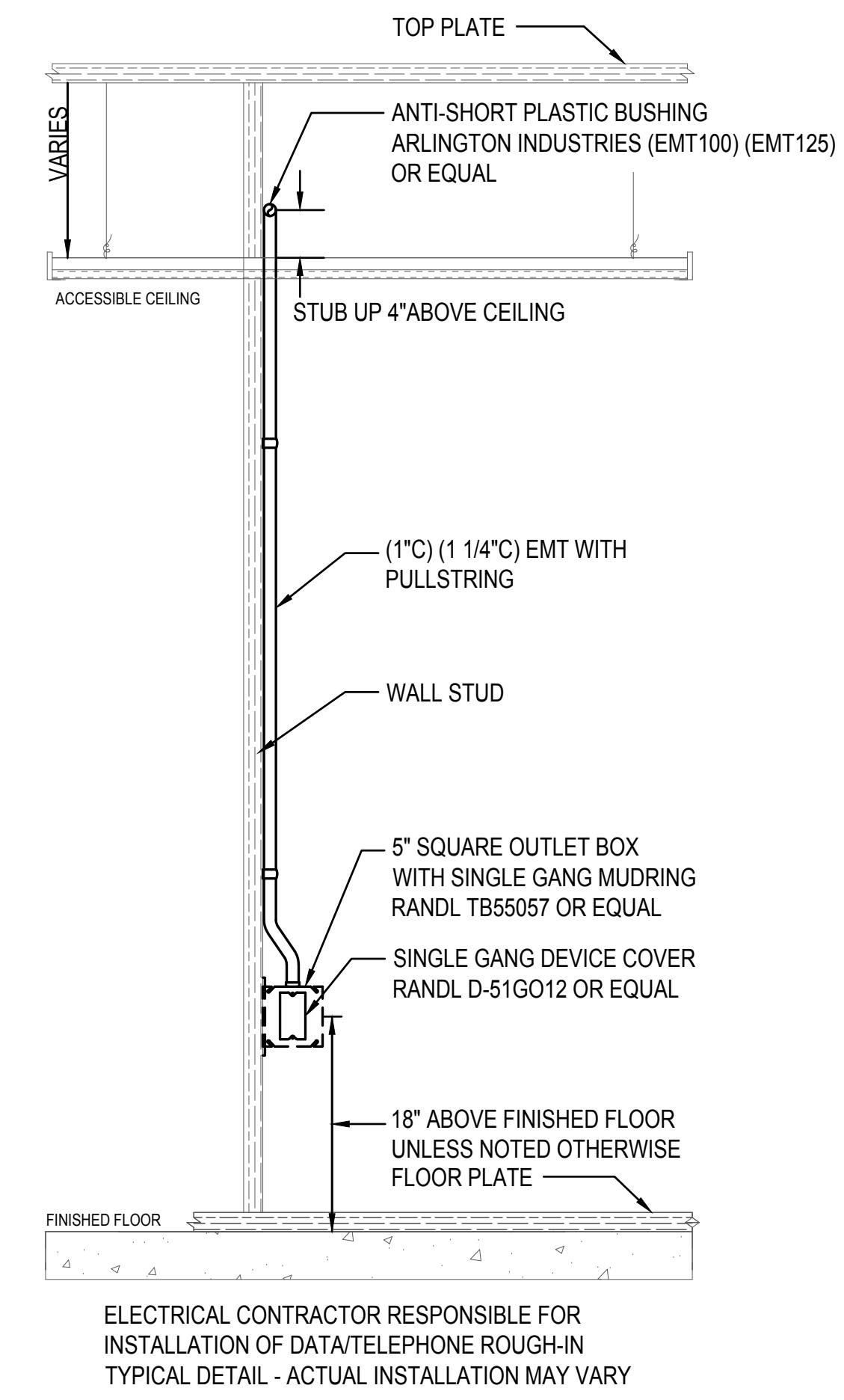
1" = 1'-0"



DATA/TELEPHONE ROUGH-IN DETAIL



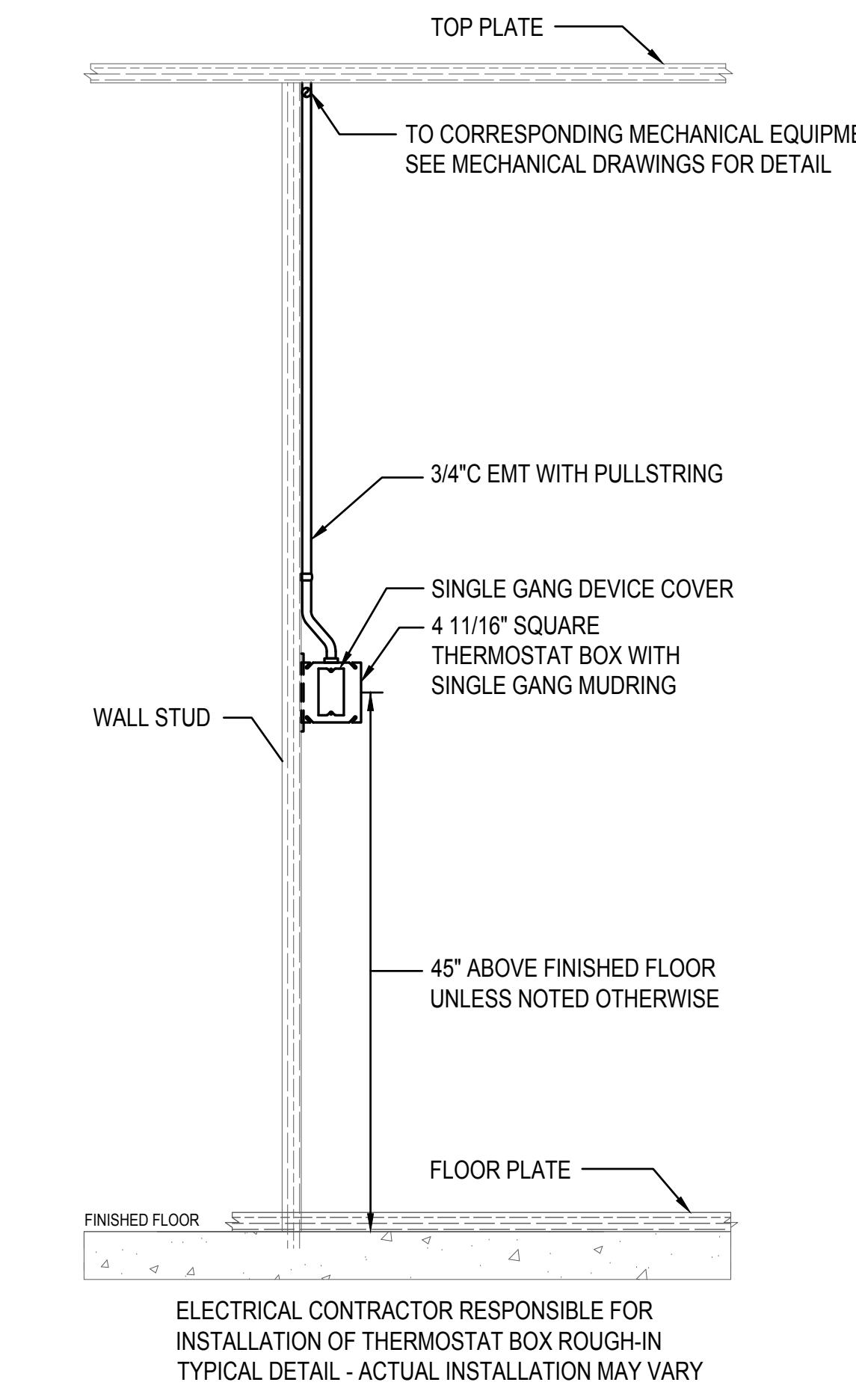
1" = 1'-0"



DATA/TELEPHONE ROUGH-IN DETAIL



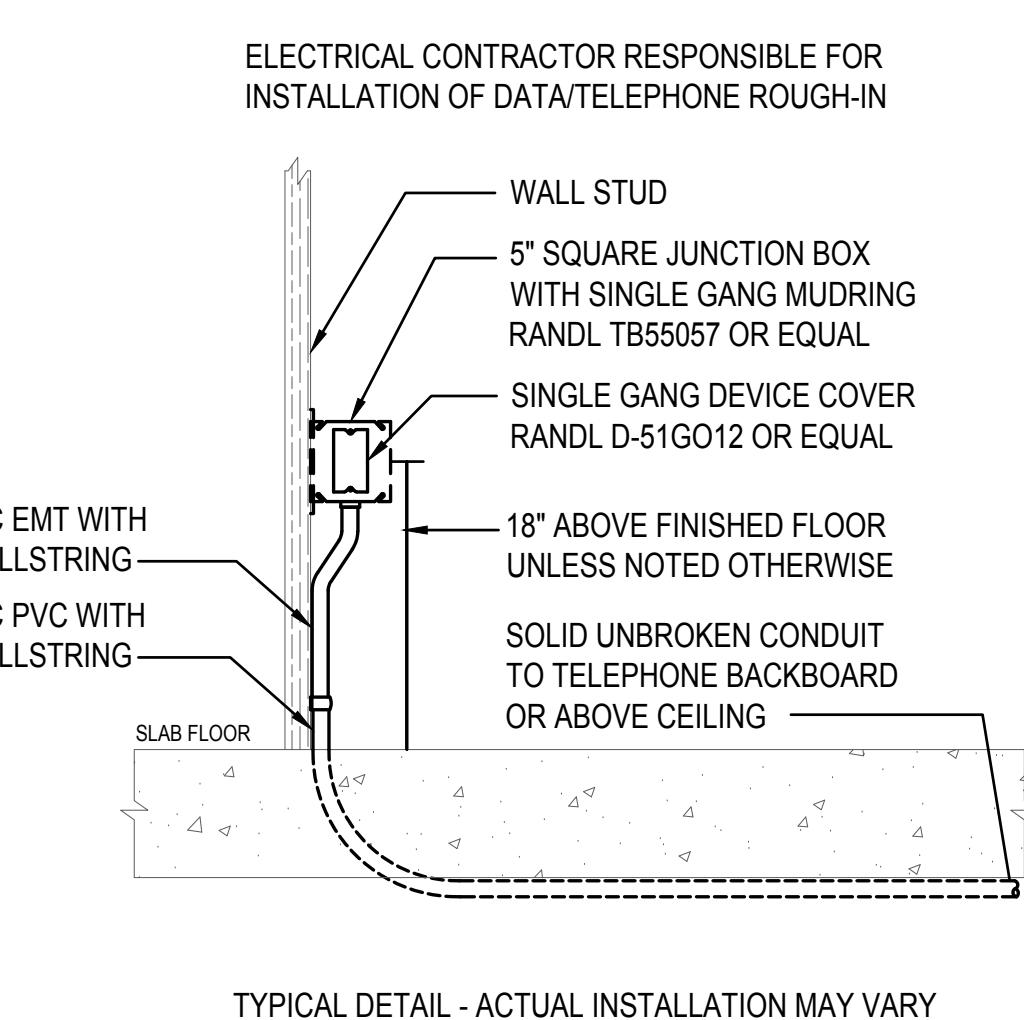
1" = 1'-0"



THERMOSTAT ROUGH-IN DETAIL



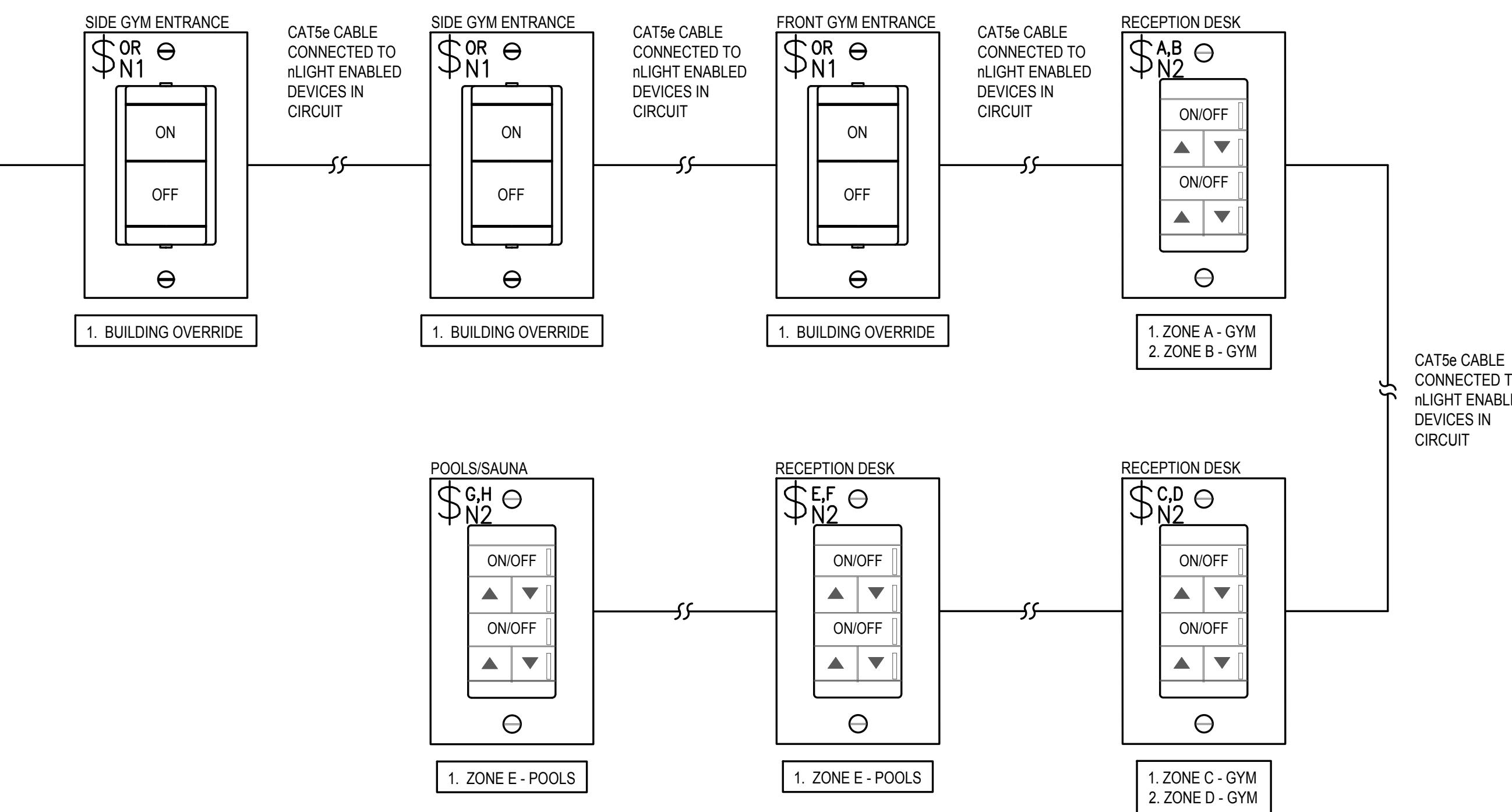
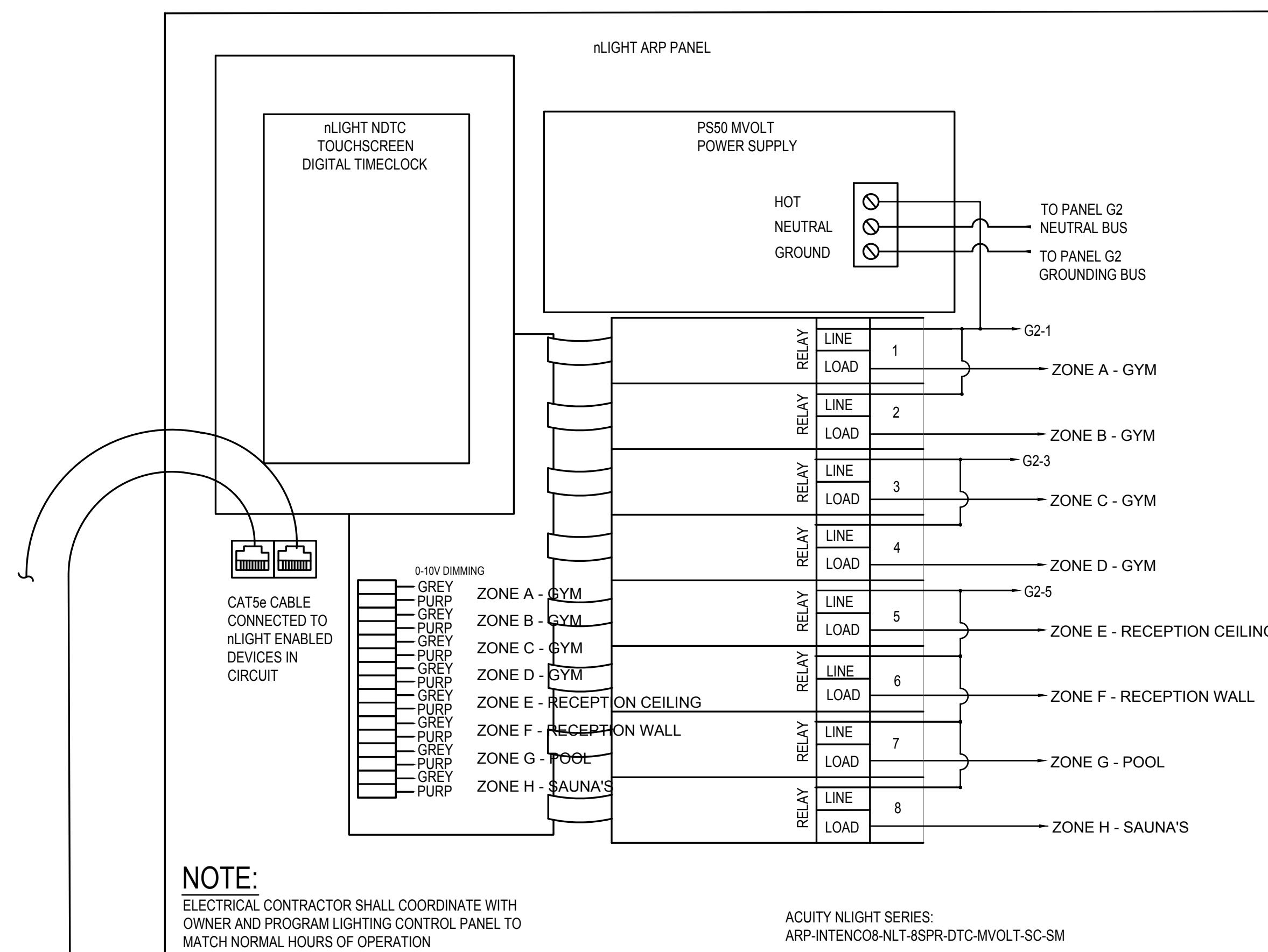
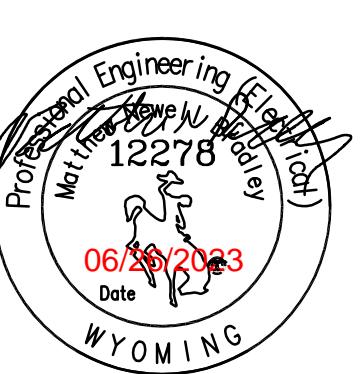
1" = 1'-0"



DATA/TELEPHONE FLOOR FEED ROUGH-IN DETAIL



1" = 1'-0"



NEW LIGHTING CONTROL PANEL

NTS

LIGHTING FIXTURE SCHEDULE (23-100)						
TYPE	DESCRIPTION	MTG.	LAMPS	WATTS	MF& CATALOG NUMBER	OR EQUAL BY
A1	SUSPENDED LED DIRECT/INDIRECT FIXTURE 8000 LUMENS, 70% UP/30% DOWN FINISH BY OWNER	AIRCRAFT	4000K	70	LITHONIA NO. BRM9-LSL-X-MSL4-80CR-40K-ID2000LMF-70/30-MIN1-ZT-120-SCT-MOUNTING-SUSPENSION-COLOR	LIGHTOLIER METALUX H.E. WILLIAMS
A1E	SUSPENDED LED DIRECT/INDIRECT FIXTURE 8000 LUMENS, 70% UP/30% DOWN FINISH BY OWNER	AIRCRAFT	4000K	70	LITHONIA NO. BRM9-LSL-X-MSL4-80CR-40K-ID2000LMF-70/30-MIN1-ZT-120-SCT-E10WLCP-MOUNTING-SUSPENSION-COLOR	LIGHTOLIER METALUX H.E. WILLIAMS
B1	4' WRAP LED FIXTURE 2000 LUMENS FINISH BY OWNER	SURFACE	4000K	16	LITHONIA NO. BLWP4-20L-PDSMT-G21-LP840	LIGHTOLIER METALUX H.E. WILLIAMS
B1E	4' WRAP LED FIXTURE 2000 LUMENS, EM SELF DIAGNOSTIC BATTERY PACK FINISH BY OWNER	SURFACE	4000K	16	LITHONIA NO. BLWP4-20L-PDSMT-G21-LP840-E10WLCP	LIGHTOLIER METALUX H.E. WILLIAMS
B2	4' WRAP LED FIXTURE 3000 LUMENS FINISH BY OWNER	SURFACE	4000K	25	LITHONIA NO. BLWP4-30L-PDSMT-G21-LP840	LIGHTOLIER METALUX H.E. WILLIAMS
B3	4' WRAP LED FIXTURE 4800 LUMENS FINISH BY OWNER	SURFACE	4000K	40	LITHONIA NO. BLWP4-48L-PDSMT-G21-LP840	LIGHTOLIER METALUX H.E. WILLIAMS
B4	4' WRAP LED FIXTURE 6000 LUMENS FINISH BY OWNER	SURFACE	4000K	49	LITHONIA NO. BLWP4-60L-PDSMT-G21-LP840	LIGHTOLIER METALUX H.E. WILLIAMS
C1	8' LED DOWNLIGHT 1620 LUMENS, 0-10V DIMMING WHITE FINISH	RECESSED	4000K	20	LITHONIA NO. WFB-LED-30K40K50K-MVOLT-90CRI-M/W	LIGHTOLIER METALUX H.E. WILLIAMS
D1	4' LED DOWNLIGHT 5000 LUMENS, ROUND DIFFUSE LENS MVOLT 0-10V DIMMING, WHITE FINISH EXIT SIGN WITH TWIN LED LAMP HEADS GREEN OR RED EXIT LED	SURFACE	4000K	35	LITHONIA NO. GLX-L48-5000LM-SEF-RDL-MVOLT-G210-40K-80CRI-WH	LIGHTOLIER METALUX H.E. WILLIAMS
E1	NEMA 4X RATED LED FIXTURE 4000 LUMENS, 0-10V DIMMING MOUNTING BY OWNER	SURFACE	LED	1	LITHONIA NO. EXRD-ELM	LIGHTOLIER METALUX H.E. WILLIAMS
F1	NEMA 4X RATED LED FIXTURE 4000 LUMENS, 0-10V DIMMING MOUNTING BY OWNER	TBD	4000K	40	LITHONIA NO. DMV2-L24-4000LM-PCL-WD-120-GZ10-40K-80CRI-MOUNTING	LIGHTOLIER METALUX H.E. WILLIAMS
F1E	NEMA 4X RATED LED FIXTURE 4000 LUMENS, 0-10V DIMMING MOUNTING BY OWNER	TBD	4000K	40	LITHONIA NO. DMV2-L24-4000LM-PCL-WD-120-GZ10-40K-80CRI-MOUNTING-E10WP	LIGHTOLIER METALUX H.E. WILLIAMS
G1	SUSPENDED LED STRIP LIGHT WITH ALUMINUM HOUSING COLOR TEMP BY OWNER DIRECT VIEW LED STRIP	SUSPENDED	LED	4.3W/FT	KELVINO 228-XX-DK-COLOR TEMP-SWH-SP-FINISH-ULV	LIGHTOLIER METALUX H.E. WILLIAMS
G2	SURFACE MOUNT LED TAPE LIGHT WITH ALUMINUM HOUSING COLOR TEMP BY OWNER DIRECT VIEW LED STRIP EXTERIOR WALL SCONCE	SURFACE	LED	2.6W/FT	KELVINO CHANNE CH-S11-LENGTH-LENS-CP-EC POWER SUPPLY: ULXXXX	LIGHTOLIER METALUX H.E. WILLIAMS
X1E	1200 LUMENS COLOR BY ARCHITECT	SURFACE	4000K	18	LUTRON WDGE2-LED-P1-30K-80CRI-VW-MVOLT-XXXX	LIGHTOLIER METALUX H.E. WILLIAMS

LIGHTING FIXTURE SCHEDULE NOTES:
1. SUBSTITUTIONS WILL BE ALLOWED IF SUBMITTED PRIOR TO BID DATE BY THE GREATER OF 7 BUSINESS DAYS OR THE TIME PERIOD SPECIFIED BY DIVISION 1 SPECIFICATIONS. AND IF DEEMED EQUAL BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING SUBSTITUTED FIXTURES MEET OR EXCEED THE SPECIFICATIONS OF THE FIXTURES SPECIFIED.

SWITCH AND OCCUPANCY SENSOR LEGEND	
\$051	OCCUPANCY SENSOR - WALL MOUNT, DUAL TECHNOLOGY, 120-277V, SINGLE POLE, MULTI-WAY SENSOR SWITCH WSXA-MW0-PDT-XX OR EQUAL
\$052	OCCUPANCY SENSOR - WALL MOUNT, DUAL TECHNOLOGY, DIMMING, 120-277V, SINGLE POLE, MULTI-WAY SENSOR SWITCH WSXA-MW0-PDT-D-XX OR EQUAL
⑤S	OCCUPANCY SENSOR - CEILING MOUNT, DUAL TECHNOLOGY, LOW VOLTAGE, SMALL MOTION SENSOR SWITCH CM-PDT-9-LT OR EQUAL
⑥P	POWER PACK - 120 VOLT, 15 VDC SENSOR SWITCH PP20 OR EQUAL
\$b	DIMMING SWITCH - WALL MOUNT, 120/277V INPUT, 120/277V OUTPUT, LED, ON/OFF/DIMMER SWITCH, COLOR BY OWNER nLIGHT ISD-BC-120/277V-XX
XX=VERIFY COLOR WITH ARCHITECT PRIOR TO ORDER	
EQUAL PRODUCTS FROM WATTSTOPPER, LUTRON, LEGRAND, AND EATON WILL BE ACCEPTED	

NETWORKED SWITCH AND OCCUPANCY SENSOR LEGEND	
⑥S	AUTOMATIC DIMMING PHOTOCELL CONTROL- nLIGHT NETWORK BUS nLIGHT NCM-ADCX-RJB OR EQUAL TO
\$n1	DIMMING SWITCH - WALL MOUNT, ON/OFF, SINGLE CHANNEL, COLOR BY OWNER nLIGHT nPODM-X
\$n2	DIMMING SWITCH - WALL MOUNT, ON/OFF, DIM UP/DOWN, TWO CHANNELS, COLOR BY OWNER nLIGHT nPODM-2P-DX-X