



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

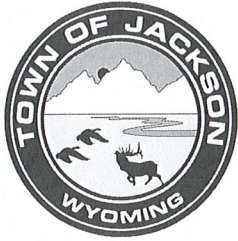
- ☐ Qwest
- ☐ Lower Valley Energy
- ☐ Bresnan Communications

Special Districts

- ☒ START
- ☒ Jackson Hole Fire/EMS
- ☐ Irrigation Company

<p>Date: June 27, 2023</p> <p>Item #: P23-113</p>	<p style="text-align: center;">REQUESTS:</p> <p>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</p> <p>For questions, please call Katelyn Page at 733-0440, x1302 or email to the address shown below. Thank you.</p>
<p>Planner: Katelyn Page</p> <p>Phone: 733-0440 ext. 13025</p> <p>Email: kpage@jacksonwy.gov</p>	
<p>Owner Chroman Family Ltd. Partnership PO Box 1208 Jackson, WY 83001</p> <p>Applicant Deborah Webb / Athletic Club of JH PO Box 961 Wilson, WY 83014</p>	
<p>Please respond by: July 11, 2023 (Sufficiency) July 18, 2023 (with Comments)</p>	

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/200/Planning

Use Permit

☒ Basic Use
_____ Conditional Use
_____ Special Use

Physical Development

_____ Sketch Plan
_____ Development Plan
_____ Design Review

Interpretations

_____ Formal Interpretation
_____ Zoning Compliance Verification

Relief from the LDRs

_____ Administrative Adjustment
_____ Variance
_____ Beneficial Use Determination
_____ Appeal of an Admin. Decision

Subdivision/Development Option

_____ Subdivision Plat
_____ Boundary Adjustment (replat)
_____ Boundary Adjustment (no plat)
_____ Development Option Plan

Amendments to the LDRs

_____ LDR Text Amendment
_____ Map Amendment

Miscellaneous

_____ Other: _____
_____ 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.

Deborah Webb Halbach owner/agent
Signature of Property Owner or Authorized Applicant/Agent
Deborah Webb Halbach
Name Printed
The Athletic Club at JH

6-26-2023
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:

Address of Premises: 980 West Broadway, Jackson, Wyoming

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

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 is 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

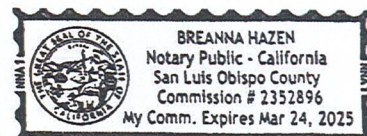
partner
Title if signed by officer, partner or member of corporation, LLC (secretary or corporate owner) partnership or other non-individual Owner

STATE OF California)
COUNTY OF San Luis Obispo) SS.

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:





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

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Antonette Chroman, partner, Chroman Family Limited Partnership

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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

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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

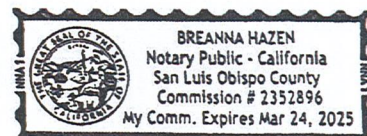
partner
Title if signed by officer, partner or member of corporation, LLC (secretary or corporate owner) partnership or other non-individual Owner

STATE OF California)
COUNTY OF San Luis Obispo) ss.

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 Sports 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 tennant 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
Existing Workforce Housing Credit					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

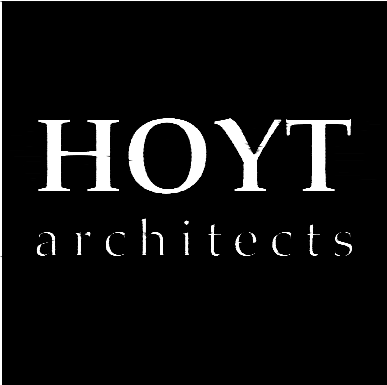
Fee-in-Lieu Amount:\$-

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 Mitgation 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](#).

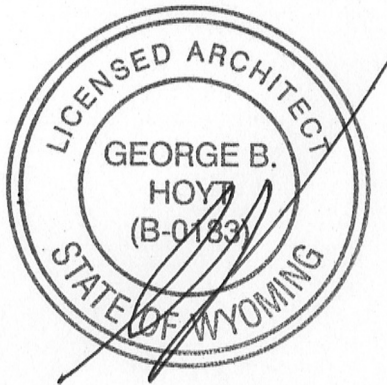


THE ATHLETIC CLUB AT JACKSON HOLE

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



Jackson Wyoming
hoytarchitects.design
307.733.9955



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
CIVIL	
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
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M300	HVAC SCHEDULES

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



Jackson, WY
The Athletic Club At Jackson Hole

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PERMIT SET

06.22.2023
DRAWN BY | JM
CHECKED BY |
REVISIONS

COVER SHEET

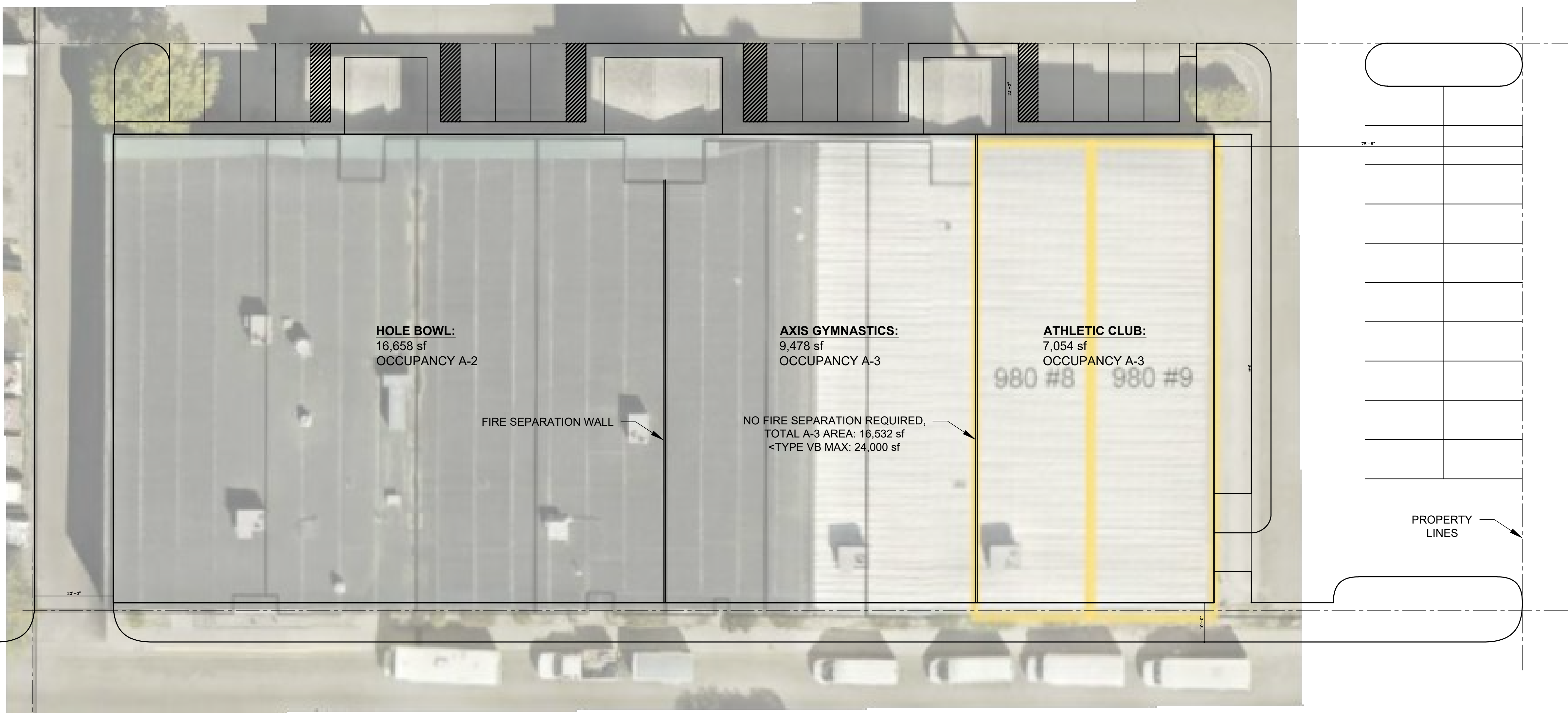
PROJECT DESCRIPTION:

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. IBC: 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:

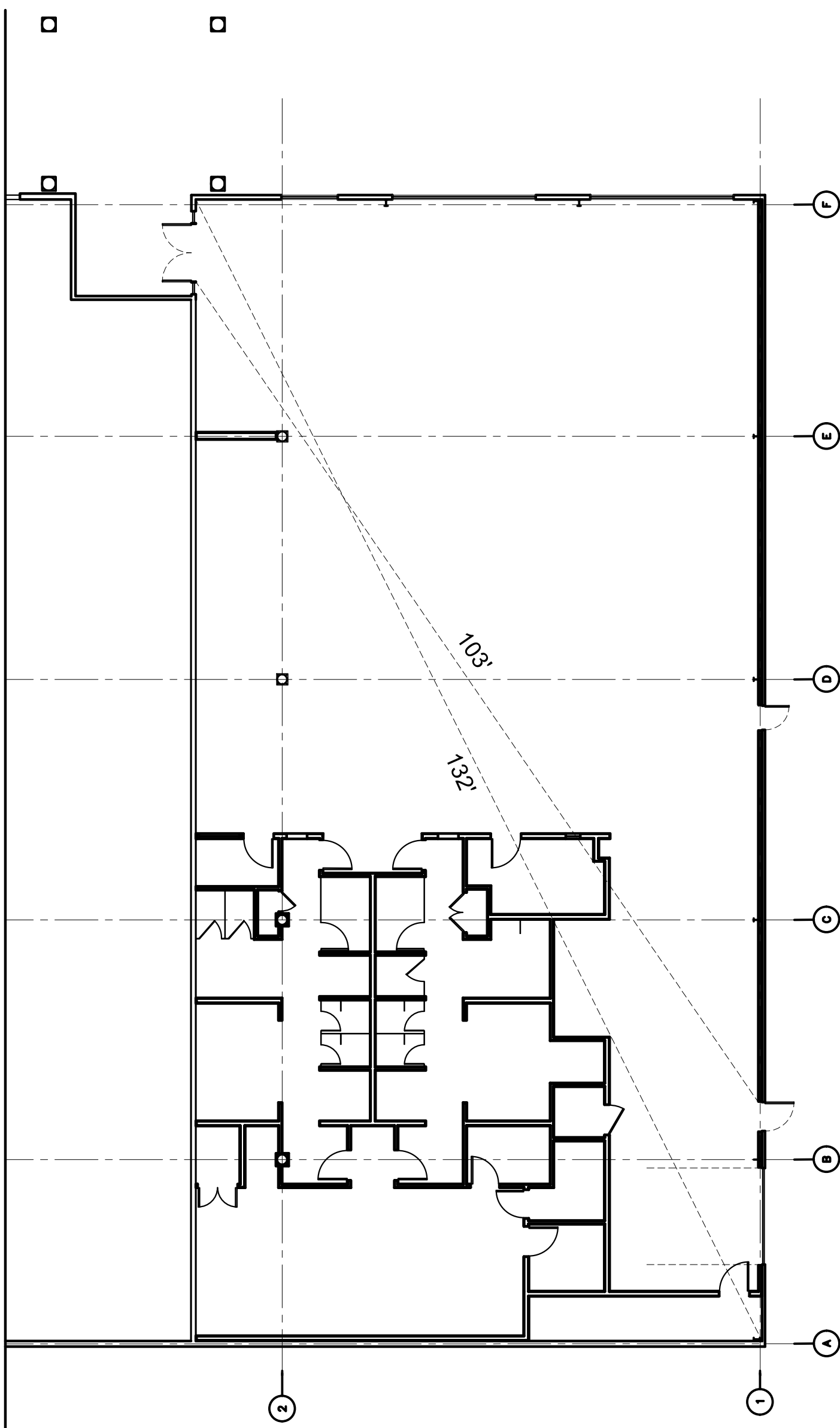
SECTION 1020.2: MINIMUM CORRIDOR WIDTH
ACCESS TO AND UTILIZATION OF MECHANICAL, PLUMBING OR ELECTRICAL SYSTEMS OR EQUIPMENT: 24"
ANY FACILITY NOT LISTED ON THIS TABLE: 44"

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



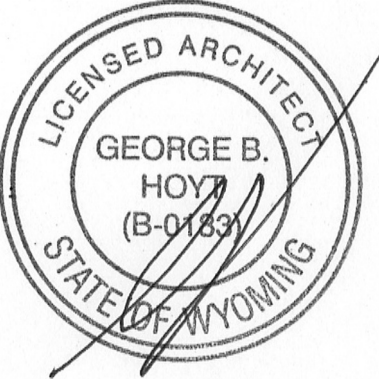
LIFE SAFETY PLAN
NOT TO SCALE

GENERAL INFORMATION:

1. THIS PROJECT SHALL COMPLY WITH THE 2018 VERSION OF THE IRC AND THE CURRENT TETON COUNTY LDERS 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.
2. CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS BY TETON COUNTY BUILDING, FIRE DEPARTMENTS AND ANY OTHER GOVERNING AUTHORITIES, AS NECESSARY.
3. 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.
3. 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.
4. 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.
5. ALL CONSTRUCTION IS TO BE PREFORMED 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.
7. 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.
6. CONTRACTOR SHALL COORDINATE ALL FINISHES, MATERIALS, AND COLORS WITH THE ARCHITECT/OWNER, AND MUST PROVIDE SAMPLES OF ALL FINISHES FOR APPROVAL BY ARCHITECT/OWNER.
7. 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.
7. 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.
8. CONTRACTORS SHALL KEEP PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS AND DEBRIS.
9. DO NOT SCALE THE DRAWINGS. IF QUESTIONS ARISE AS TO DIMENSIONAL REQUIREMENTS, CONTACT THE ARCHITECT FOR CLARIFICATION.
10. 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.



Jackson Wyoming
hoysarchitects.design
307.733.9955



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PERMIT SET

06.22.2023
DRAWN BY | JM
CHECKED BY |
REVISIONS

GENERAL NOTES

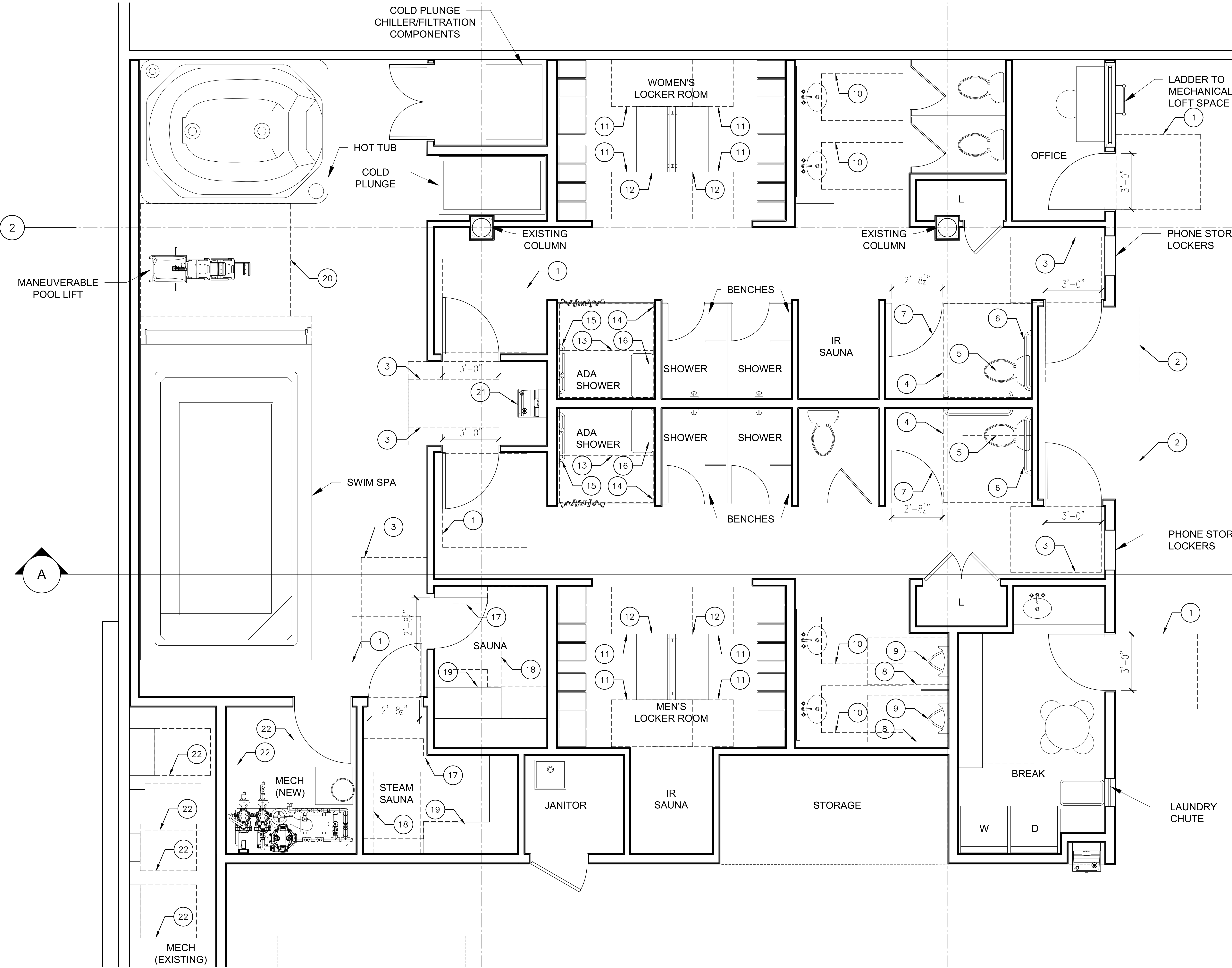
G102

- KEYNOTES (PER THE ICC A117.1-2017)
- 1. DOORWAY - FRONT APPROACH FROM PUSH SIDE: 404.2.3.2(A)
12" PARALLEL FROM LATCH, 52" PERP FROM DOOR
 - 2. DOORWAY - LATCH APPROACH FROM PULL SIDE: 404.2.3.2(G)
24" PARALLEL FROM LATCH, 48" PERP FROM DOOR
 - 3. DOORWAY - HINGE APPROACH FROM PUSH SIDE: 404.2.3.2(F)
22" PARALLEL FROM HINGE, 42" PERP FROM DOOR
 - 4. WATER CLOSET - MIN OVERALL DIM: 604.3
60" WIDTH FROM SIDEWALL, 56" DEPTH FROM REAR WALL
 - 5. WATER CLOSET - CENTERLINE OF WATER CLOSET: 604.2
DIST FROM SIDE WALL: 16" MIN, 18" MAX
 - 6. WATER CLOSET - GRAB BARS: 604.5.1 & 604.5.2
 - 7. WATER CLOSET - DOOR CLEARANCE: 604.9.3(A)
 - 8. URINALS - MIN CLEARANCE: 605.3
30" MIN PARTITION WIDTH, 52" MIN DEPTH FROM WALL
 - 9. URINALS - WALL HUNG DIM: 605.2(A)
17" MAX HEIGHT, 13.5" MIN DEPTH
 - 10. LAVATORIES - MIN CLEAR FLOOR SPACE: 606.2 & 606.2(a)
 - 11. BENCHES - CLEAR FLOOR SPACE / TRANSFER SPACE: 903.2
 - 12. BENCHES - MIN OVERALL DIMENSIONS: 903.3
42" MIN LENGTH, 20" MIN DEPTH
 - 13. SHOWERS - MIN COMPARTMENT DIM: 608.2.2.1
60" MIN WIDTH, 30" MIN DEPTH
 - 14. SHOWERS - MIN CLEARANCE: 608.2.2.2
60" MIN WIDTH, 30" MIN DEPTH
 - 15. SHOWERS - GRAB BARS: 608.3.2
 - 16. SHOWERS - BENCH: 610.3.1
 - 17. SAUNAS - TURNING RADIUS: 304.3.2.1(B)
 - 18. SAUNAS - CLEAR FLOOR SPACE / TRANSFER SPACE: 612.2 & 903.2
 - 19. SAUNAS - MIN BENCH DIM: 612.2 & 903.3

GENERAL NOTES (PER THE TETON HEALTH DISTRICT - RULES FOR TETON DISTRICT PUBLIC POOLS AND SPAS)

- 20. DECK SIZE FOR SPA POOL LESS THAN 100 SF: 3.24.a
MIN 6' x 8' DECK ON AT LEAST ONE SIDE
- 21. DRINK FOUNTAIN REQUIRED FOR POOL/SPA ENCLOSURES: 3.32.a

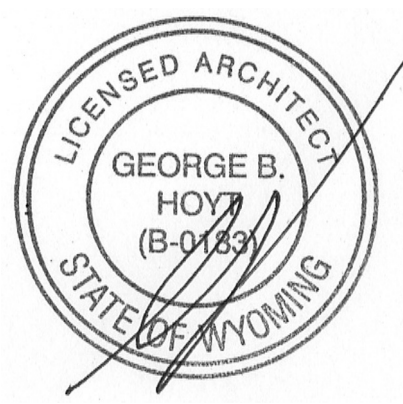
- KEYNOTES (PER NEC 2021)
- 22. ELECTRICAL PANELS - MINIMUM CLEAR DISTANCE: 110.26(A)(1)



Accessibility Plan
1/2"=1'-0"



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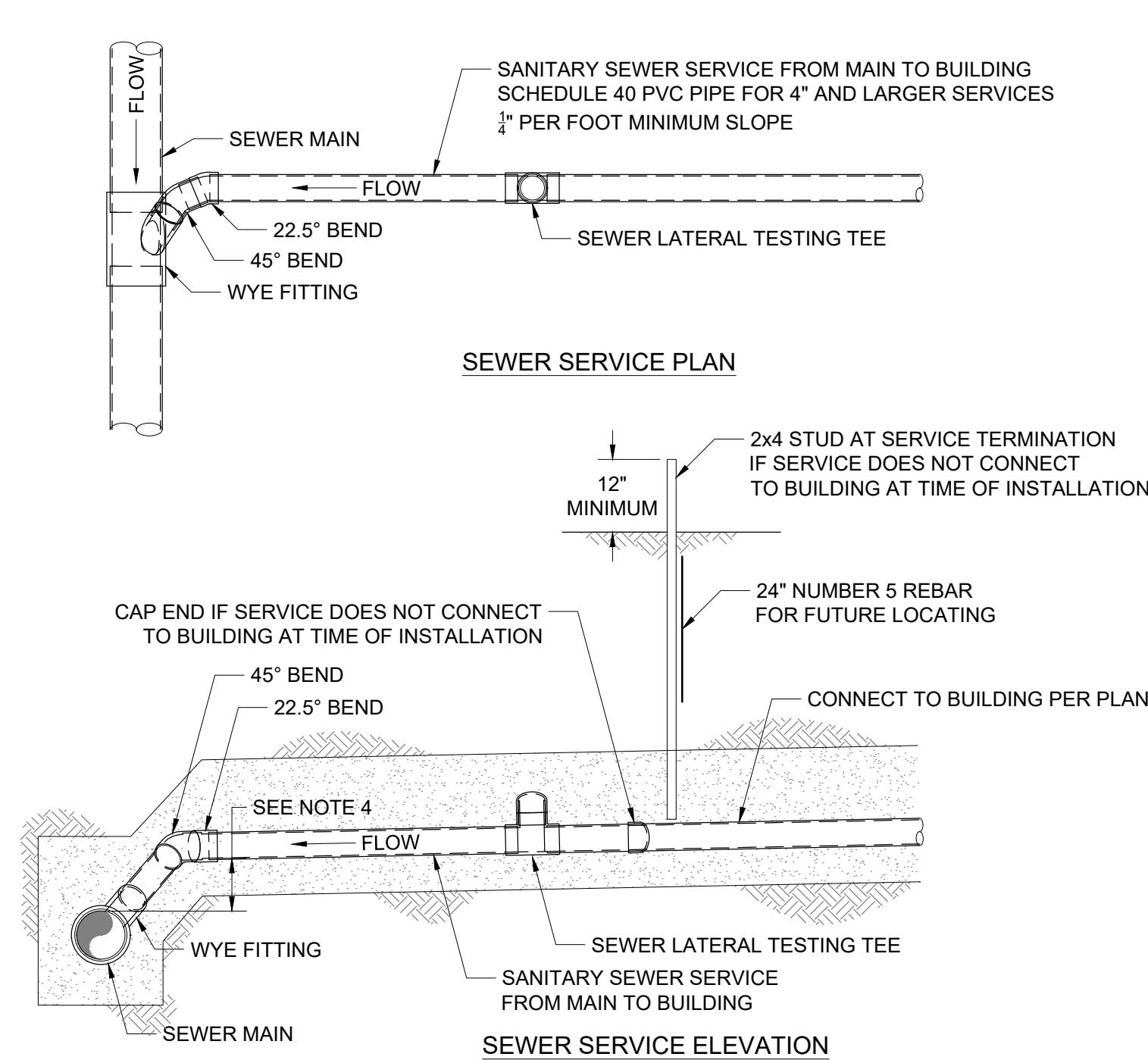
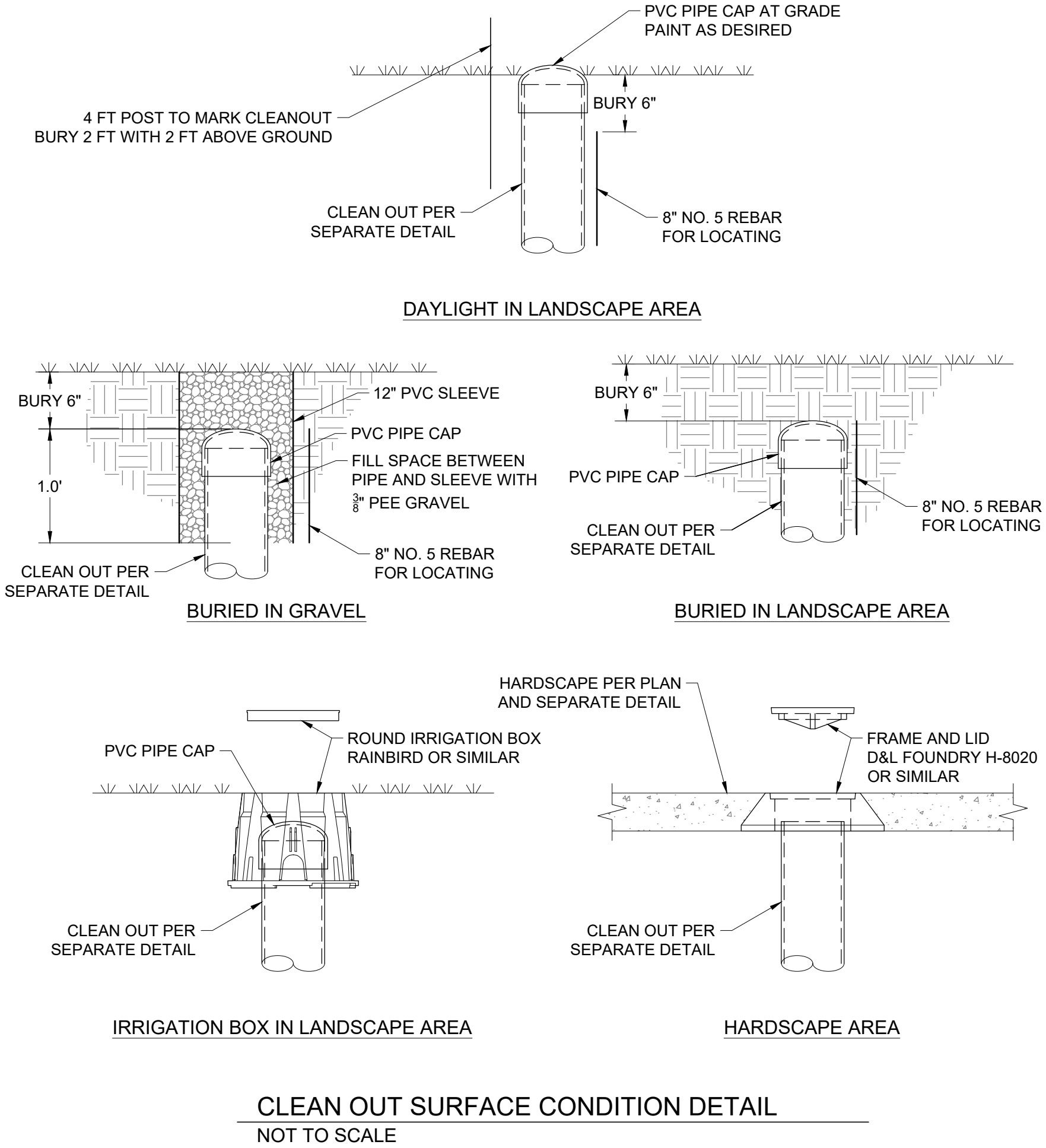
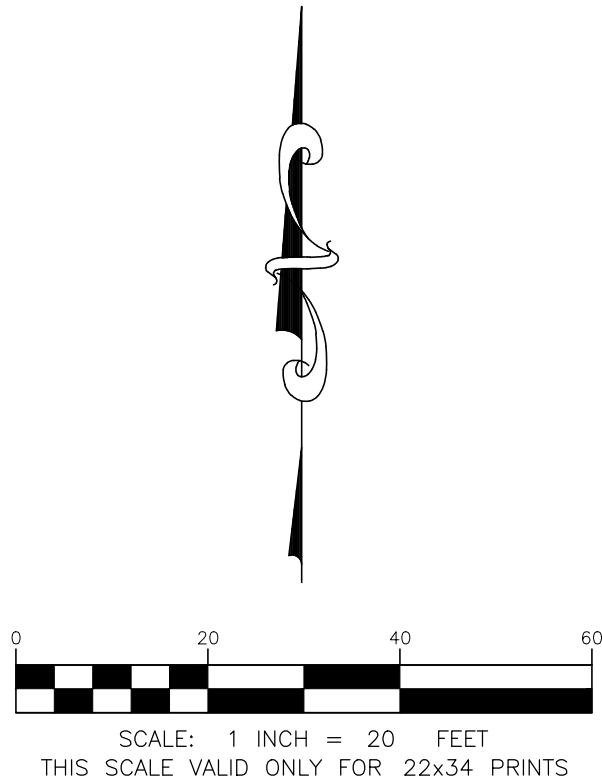
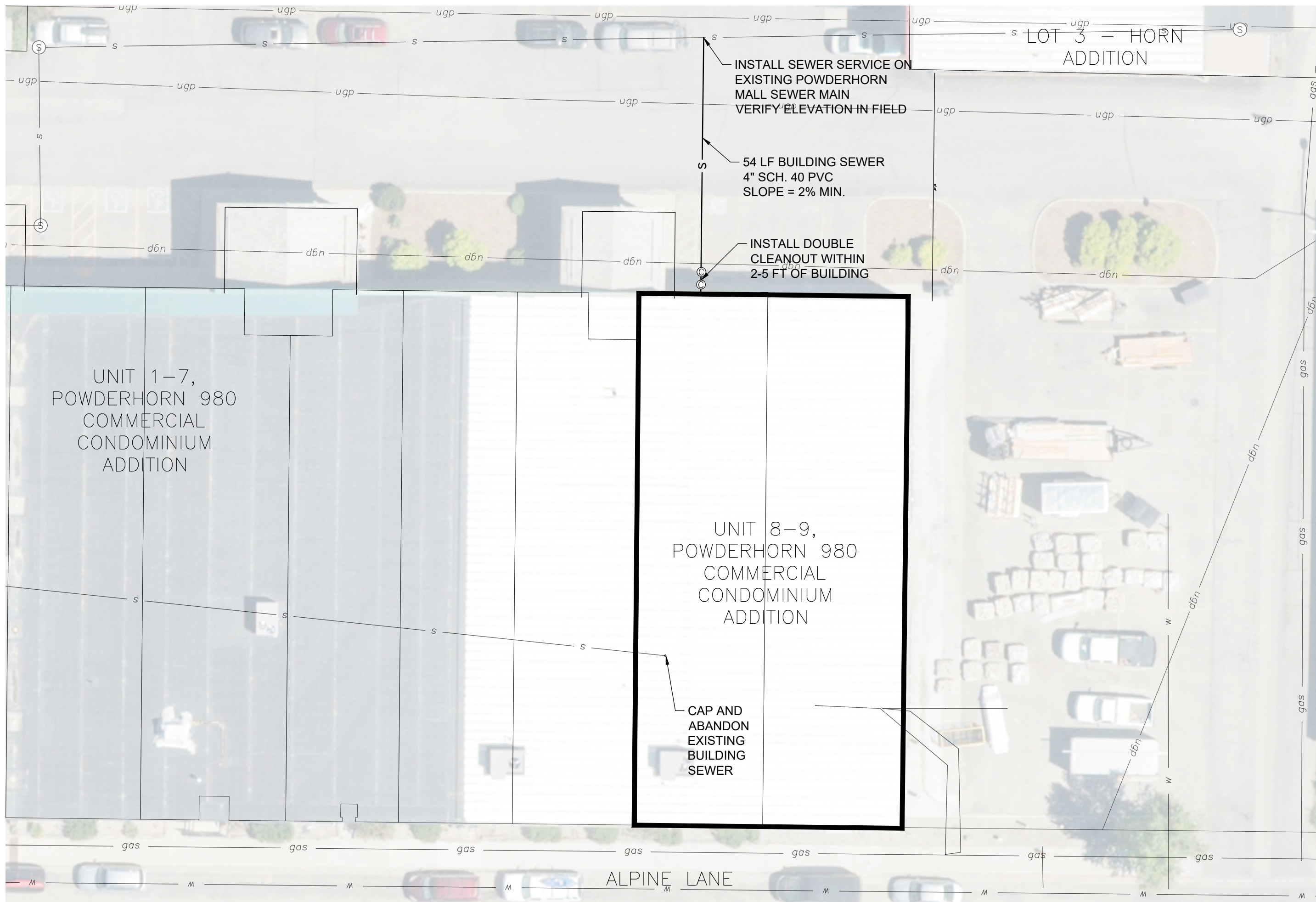


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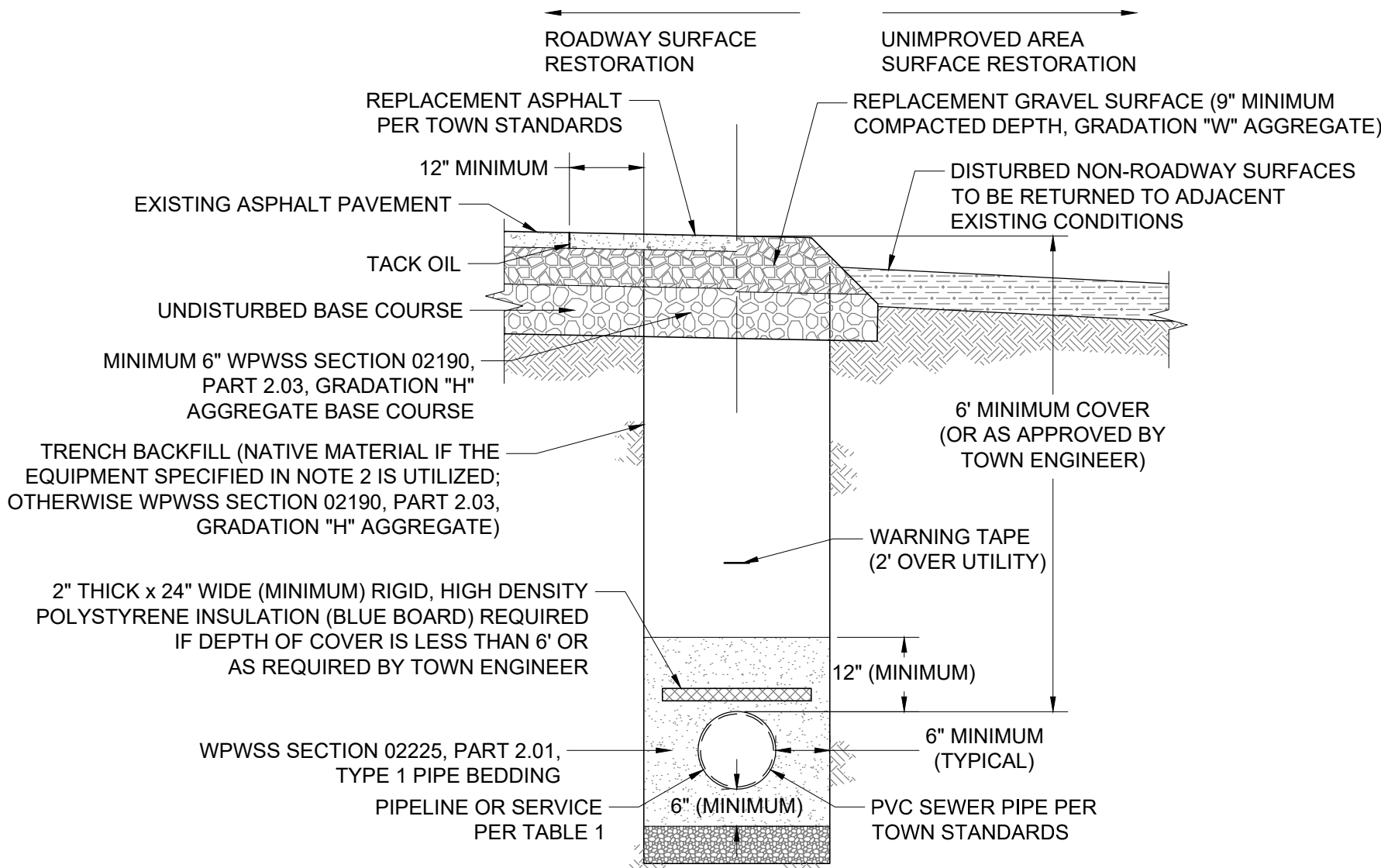
ACCESSIBILITY PLAN



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.

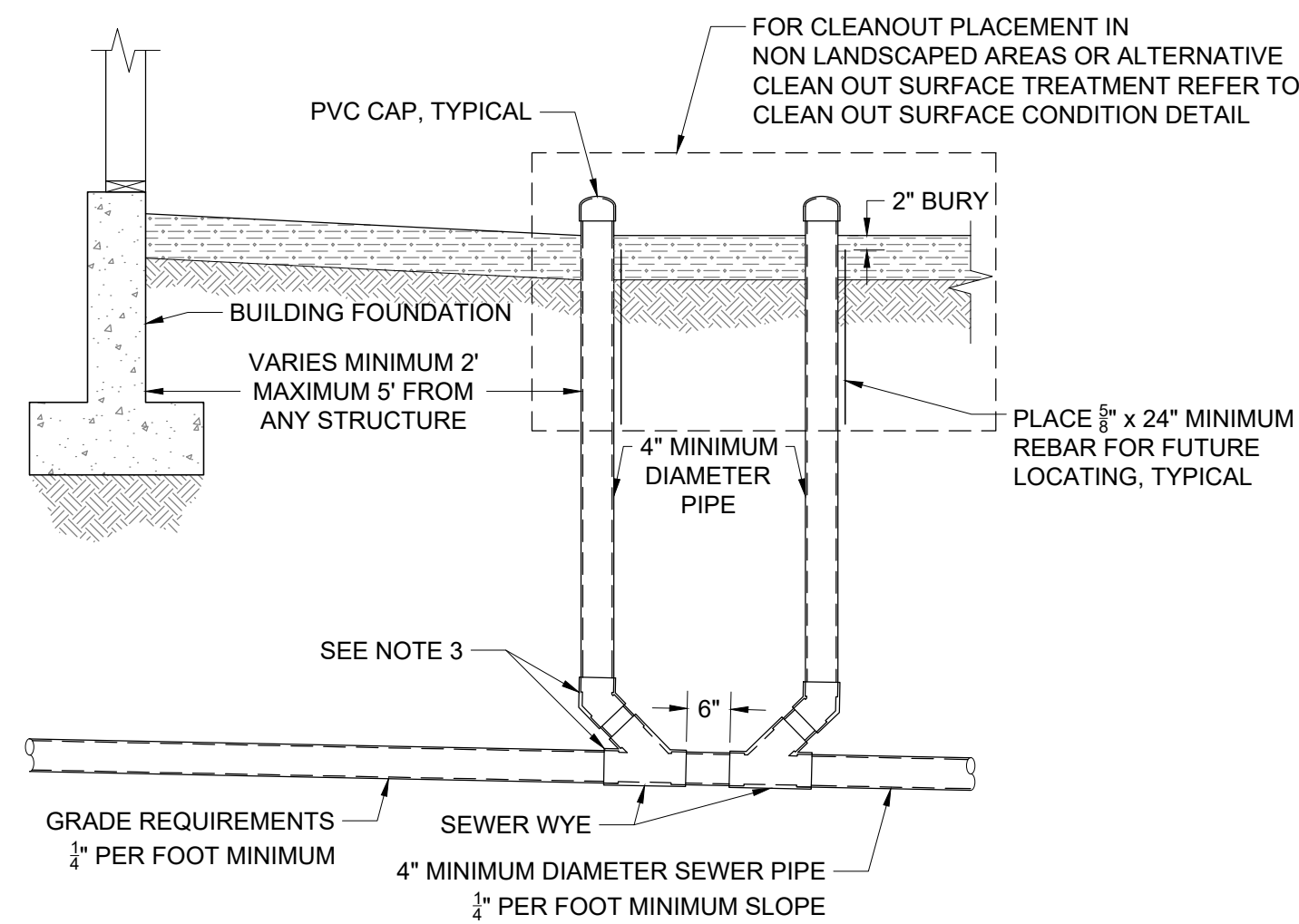
SANITARY SEWER SERVICE DETAIL
NOT TO SCALE



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\"/>
3. PIPE BEDDING SHALL BE PLACED IN 6\"/>
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.

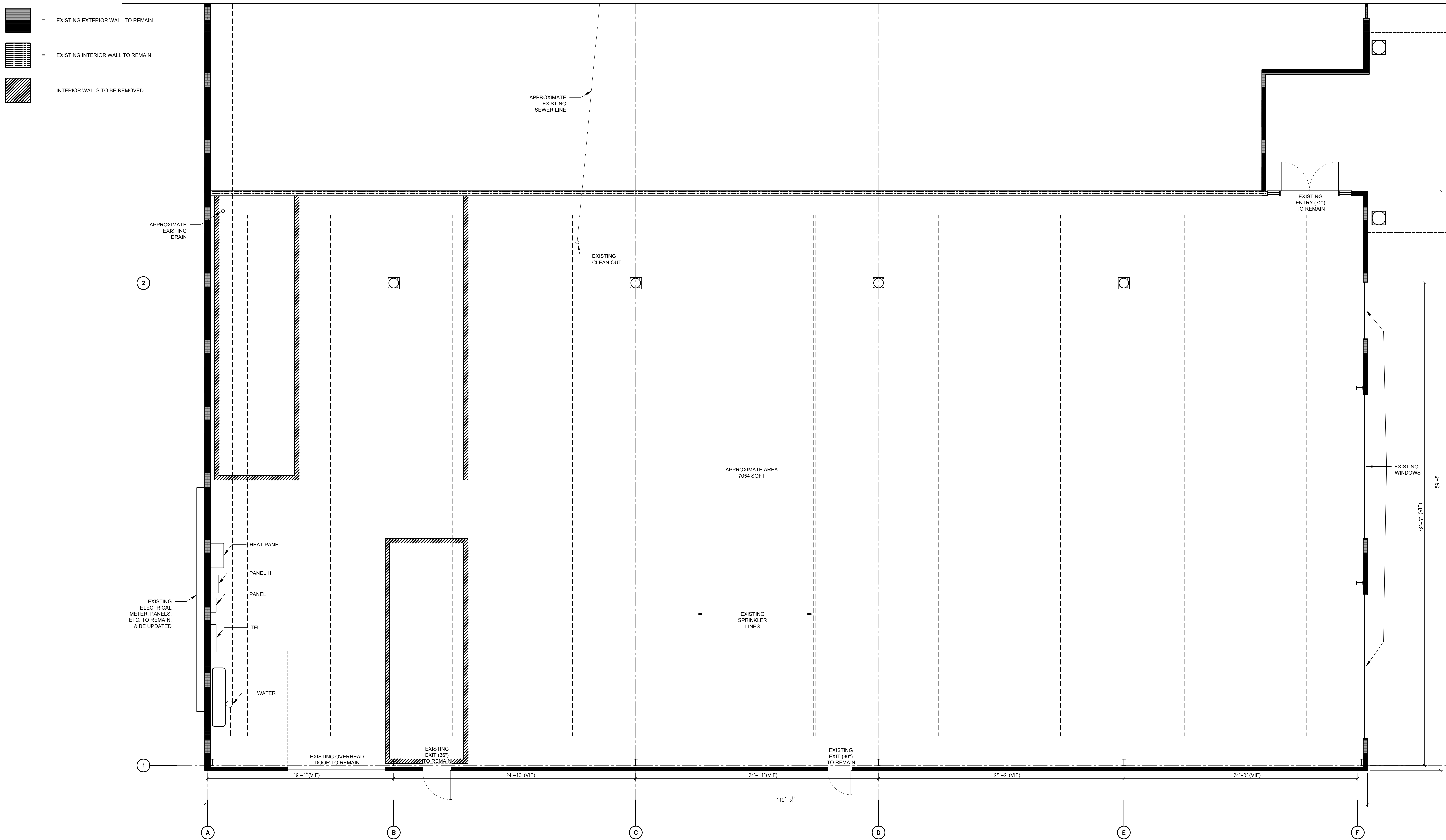
SEWER MAIN AND SERVICE TRENCH DETAIL
NOT TO SCALE
TOJ SS-100 MODIFIED



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



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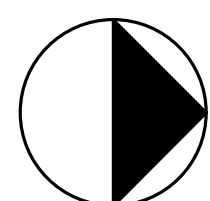
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Existing Floor Plan

1/4"=1'-0"

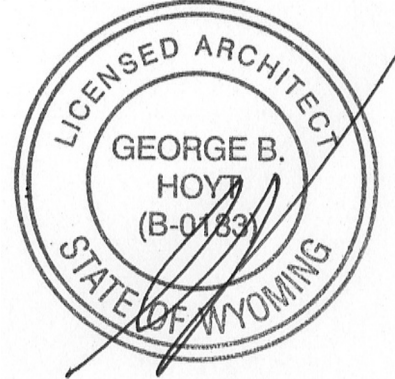


EXISTING FLOOR PLAN

A100



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DOOR, FRAME, AND HARDWARE SCHEDULE						
DOOR NUMBER	LOCATION	DOOR		HARDWARE	NOTES	
		UNIT SIZE				
		W	H			
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:

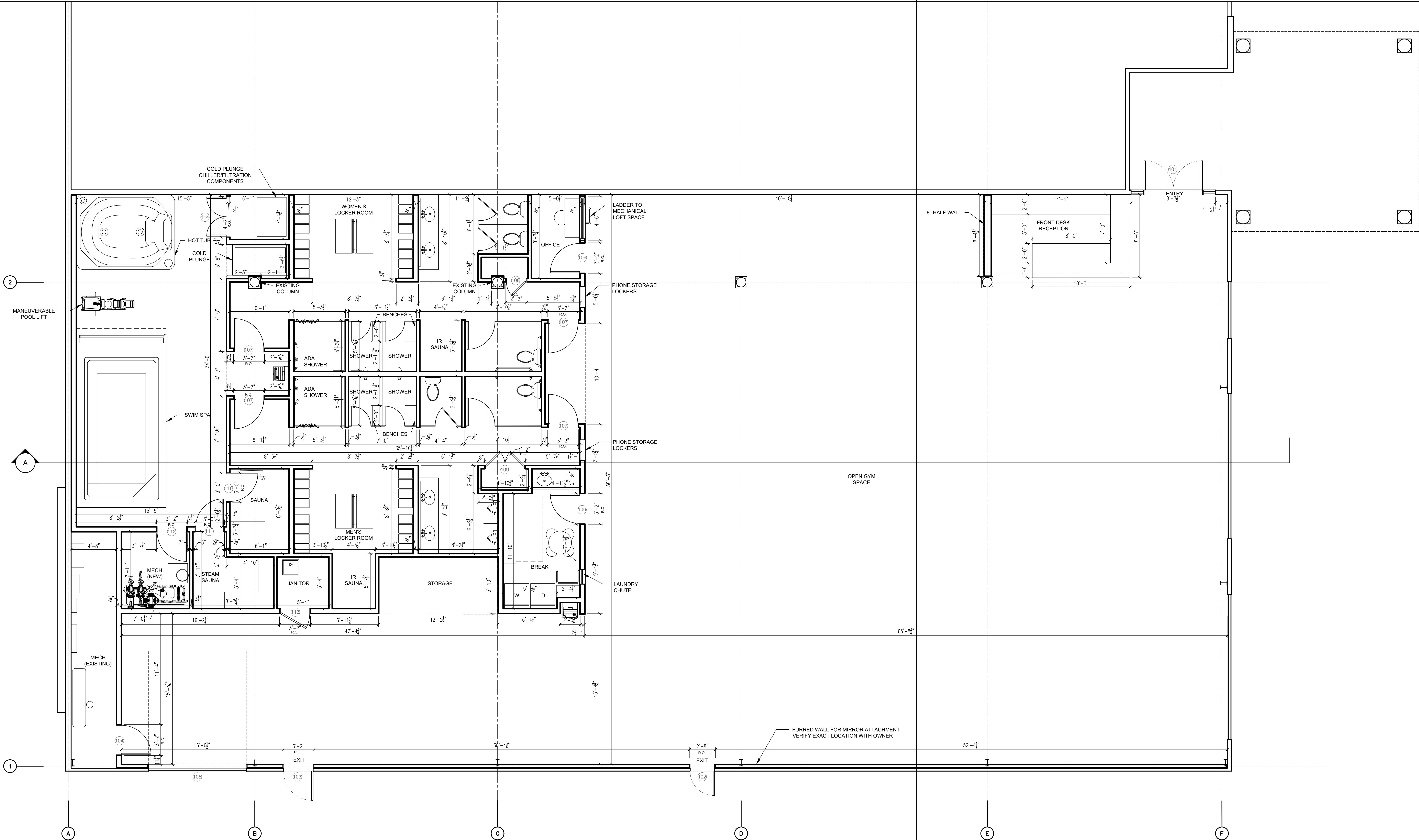
1. INTERIOR DOORS TO BE 1-3/4" THICKNESS MINIMUM MATCH EXISTING (1 3/4" H.M.).

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 1010.1.9.1 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.



Floor Plan
1/4"=1'-0"

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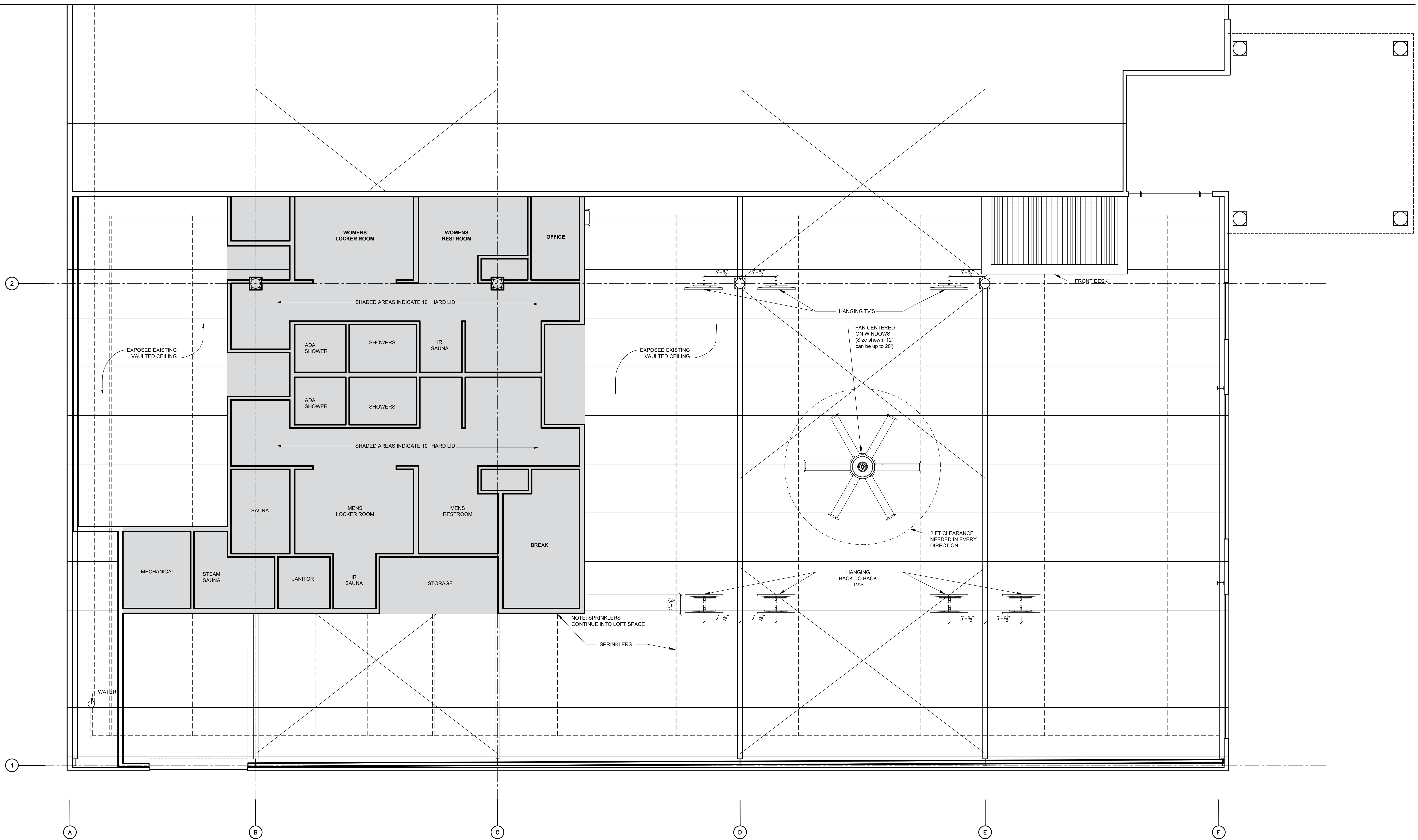
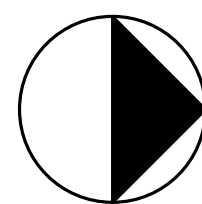
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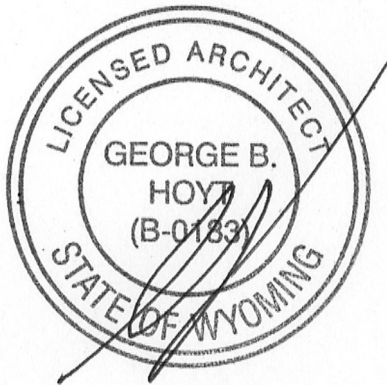
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FLOOR PLAN

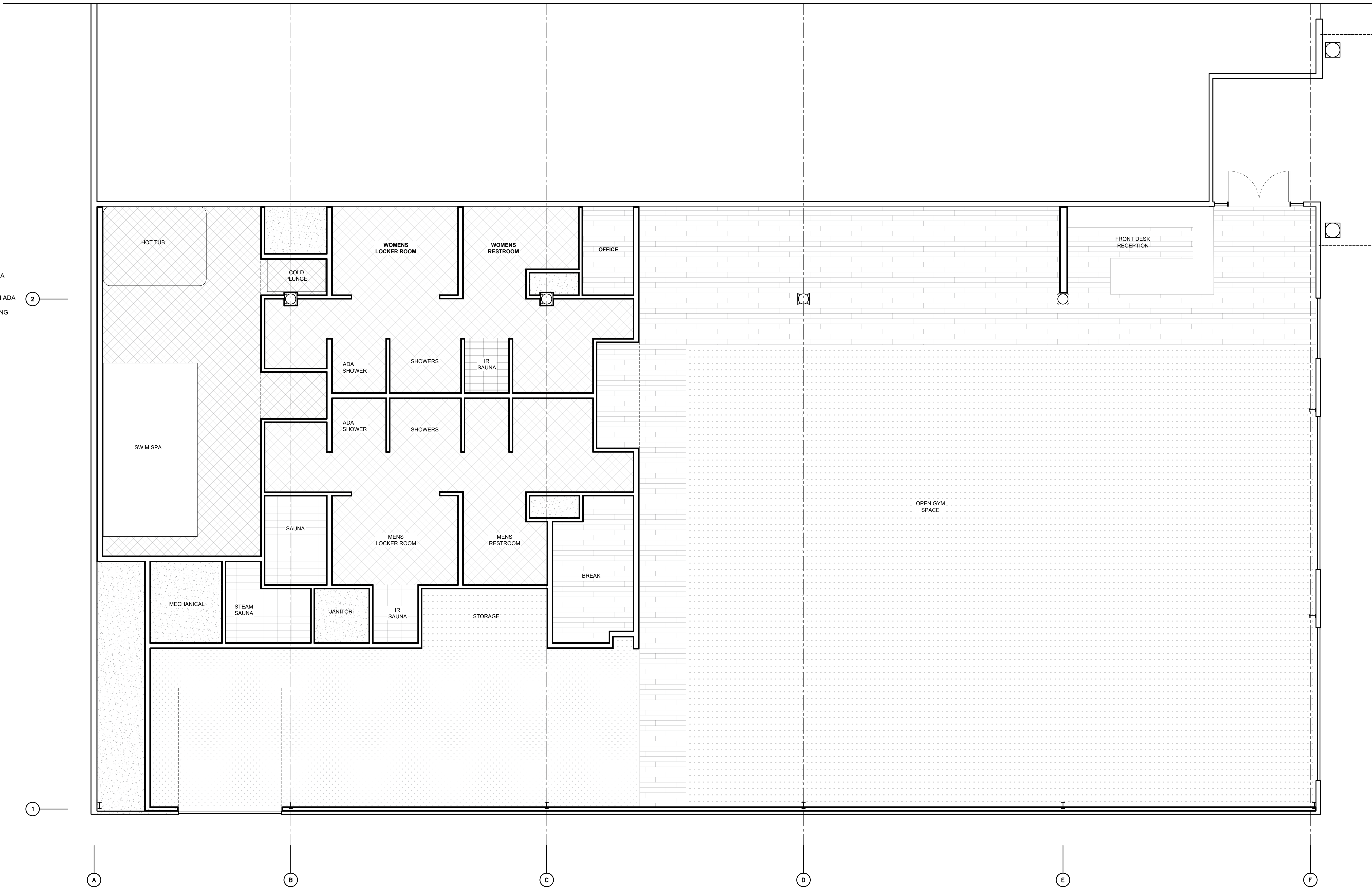
A101





- = VINYL TBD
- = RUBBER GYM FLOORING
- = TURF
- = NON SLIP TILE TBD
- = EXISTING CONCRETE
- = WOODEN FLOORING INTEGRATED BY MANUFACTURER

NOTES
1. SAUNA, STEAM SAUNA, AND INFRARED (IR) SAUNA FLOORING TO BE PROVIDED BY MANUFACTURER.
2. CONTRACTOR MUST VERIFY MATERIAL HEIGHT DIFFERENCES AND TRANSITIONS TO COMPLY WITH ADA REQUIREMENTS.
3. VERIFY CONDITIONS AND SUITABILITY OF EXISTING CONCRETE WHERE EXPOSED



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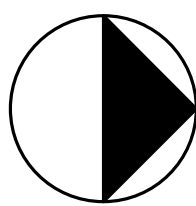
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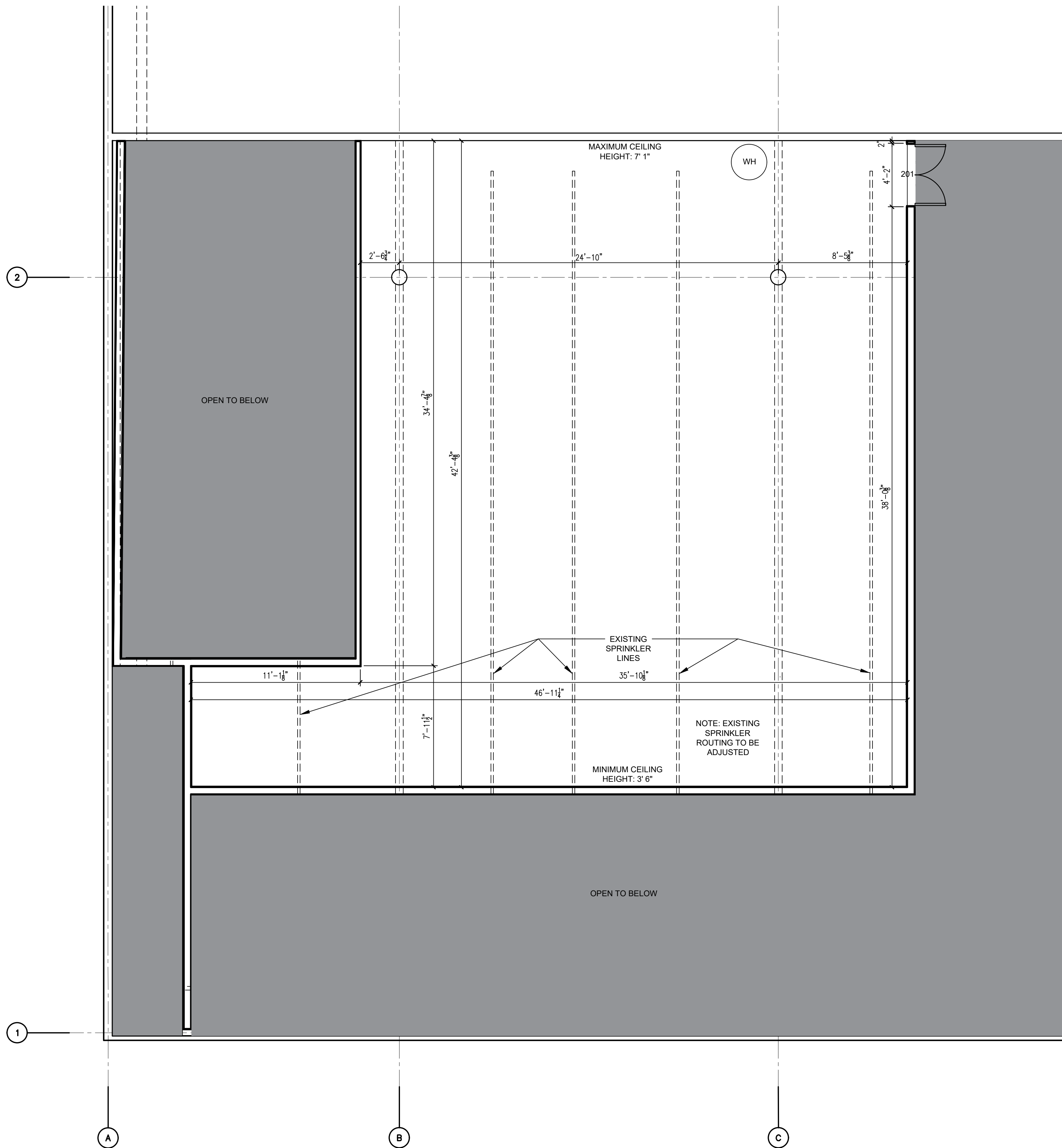
Floor Finish Plan

1/4"=1'-0"



FLOOR FINISH PLAN

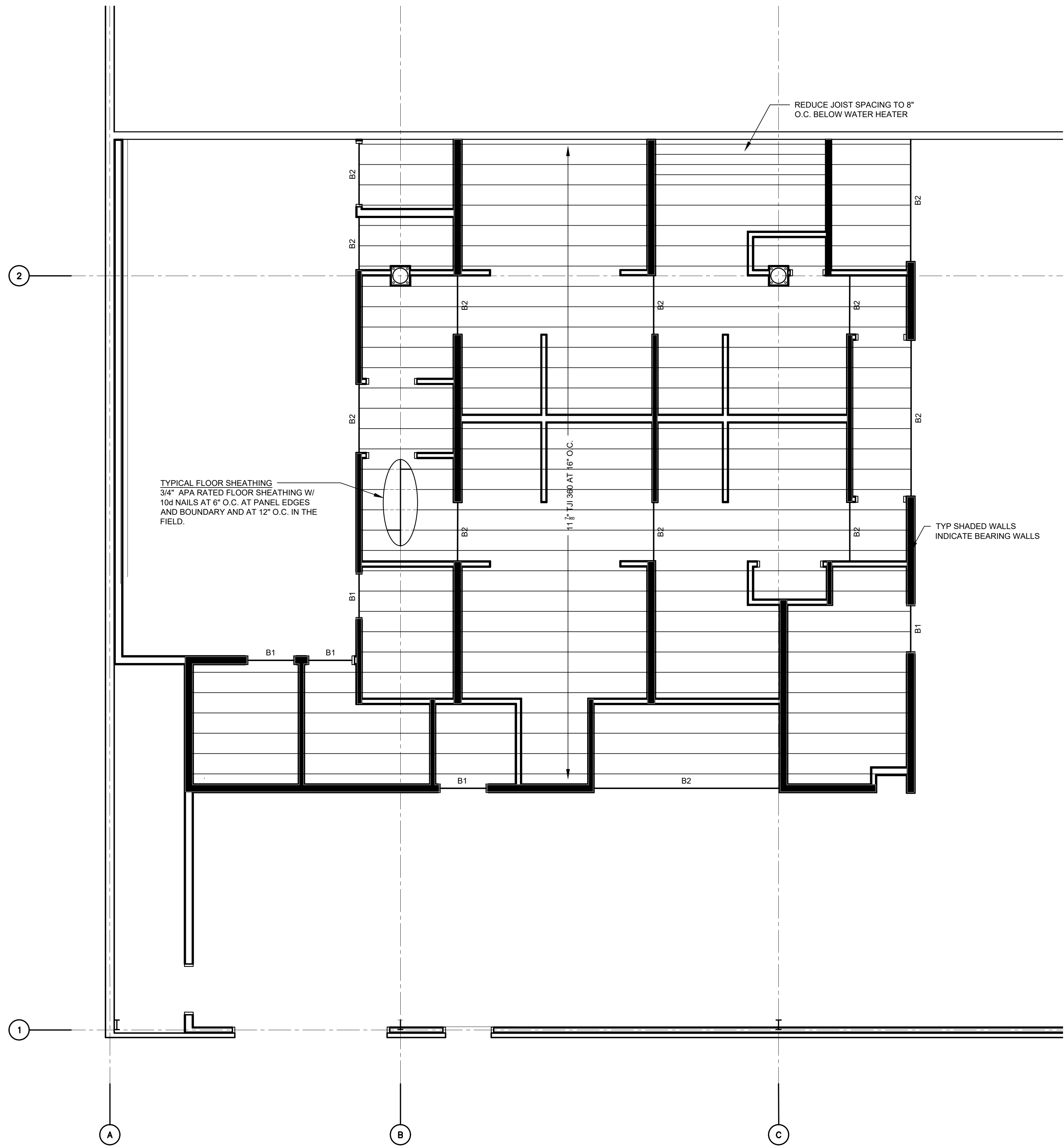
A103



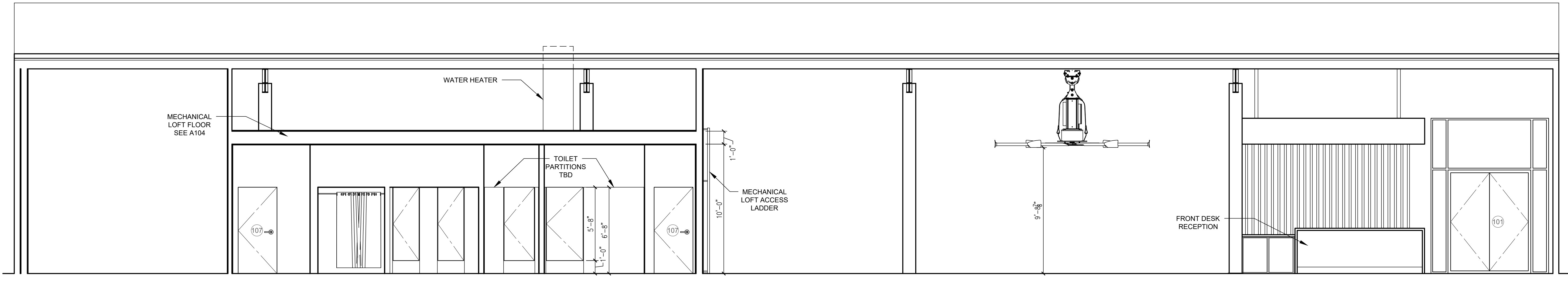
Loft Plan
1/4"=1'-0"

FRAMING PLAN NOTES

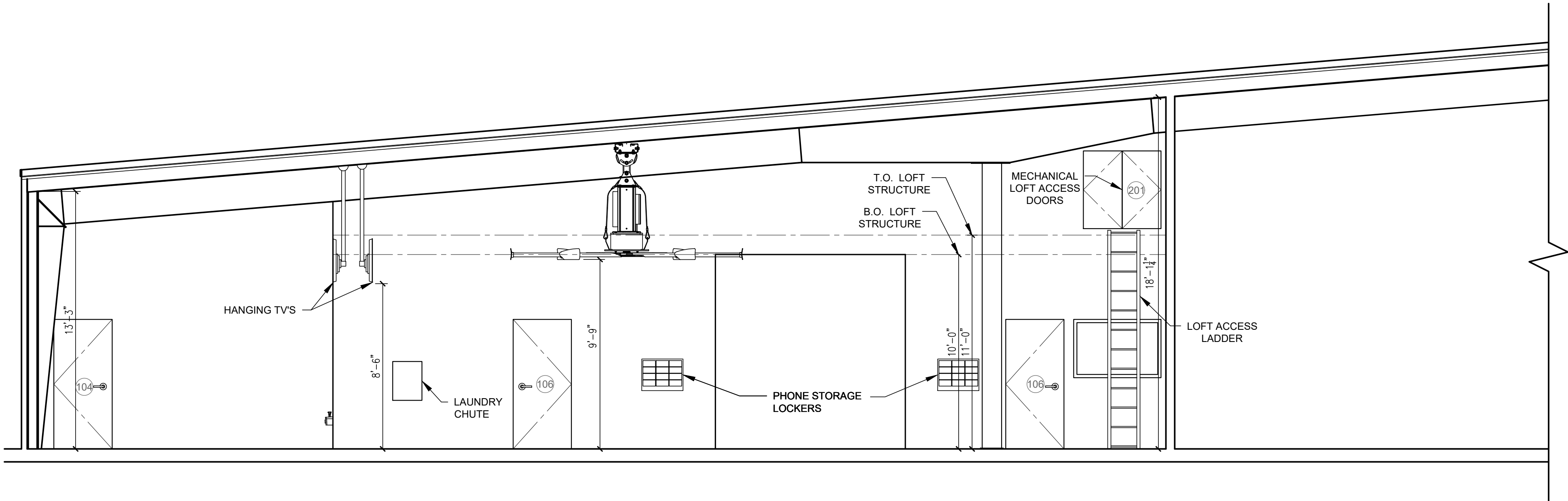
1. TYPICAL BEARING WALL FRAMING SHALL BE 2x4 OR 2x6 STUDS AT 16" O.C. GYPBOARD SHALL BE ATTACHED USING 5d COOLER OR #6 SCREWS AT 6" O.C. AT PANEL EDGES AND AT 12" O.C. IN THE FIELD.
2. PROVIDE (1) TRIMMER STUD AND (1) KING STUD EACH SIDE OF ALL OPENINGS
3. HANG JOISTS FROM ALL "B2" BEAMS W/ IUS2.37/11.88 OR ITS 32.37/11.88 HANGERS
4. PROVIDE DOUBLE STUDS AT ALL "B2" BEARING POINTS
5. FRAMING SYSTEM HAS BEEN DESIGNED FOR A DEAD LOAD OF 15 PSF AND A LIVE LOAD OF 125 PSF
6. "B1" = (2) 2x6 HEADER AND "B2" = (2) 1-3/4 x 11 7/8 LVL BEAM



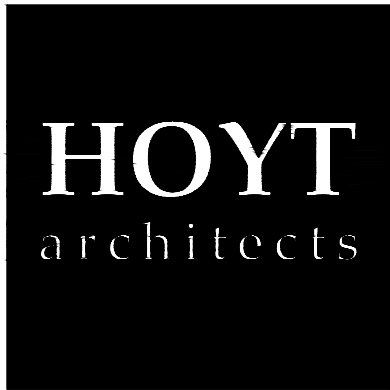
Loft Framing Plan
1/4"=1'-0"

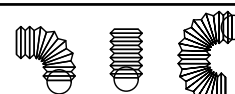

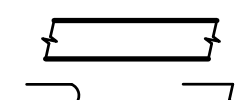



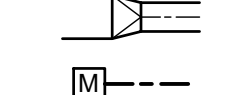

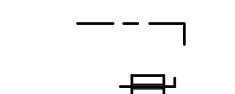

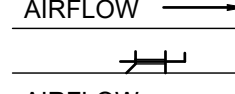

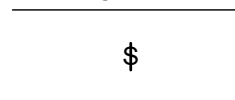

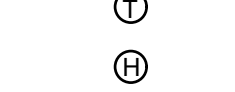

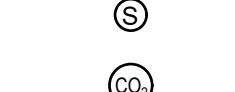





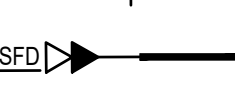

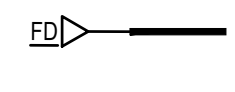

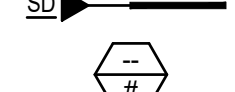



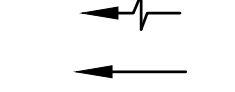


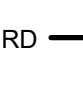




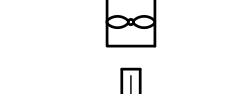

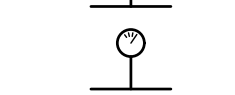

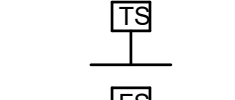
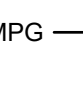
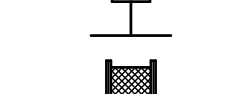



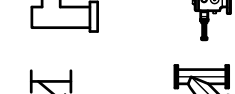

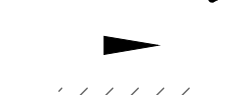

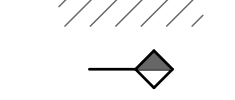
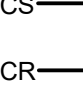
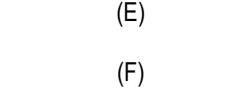

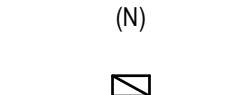

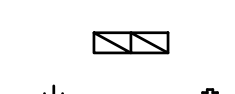



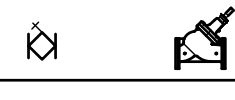
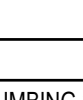




Section A
1/2"=1'-0"



Section B
1/2"=1'-0"




MECHANICAL AND PLUMBING DRAWINGS LEGEND			
	FLEXIBLE DUCTWORK		THREE WAY CONTROL VALVE
	DUCTWORK		TWO WAY CONTROL VALVE
	DUCTWORK BREAK		PRESSURE REDUCING VALVE
	DUCTWORK OR PIPING RISE		GATE VALVE
	CONCENTRIC SQUARE TO ROUND TRANSITION		REDUCER
	MOTORIZED DAMPER		GLOBE VALVE
	MANUAL VOLUME DAMPER		BALL VALVE
	SPIN-IN FITTING W/ AIR EXTRACTOR AND HAND DAMPER		BUTTERFLY VALVE
	AIRFLOW		BALANCE VALVE
	HIGH EFFICIENCY FITTING W/ HAND DAMPER		CHECK VALVE
	SWITCH		FLOOR CLEANOUT
	THERMOSTAT		WALL CLEANOUT
	HUMIDISTAT		GRADE CLEANOUT
	TEMPERATURE SENSOR		WATER HAMMER ARRESTOR
	CARBON DIOXIDE SENSOR		FLOOR DRAIN
	CARBON MONOXIDE SENSOR		FLOOR SINK
	NITROGEN DIOXIDE SENSOR		GAS PRESSURE REGULATOR W/ GAS COCK
	DUCT SMOKE DETECTOR		PRESSURE RELIEF VALVE
	COMBINATION SMOKE/FIRE DAMPER		VENT-THROUGH-ROOF
	FIRE DAMPER		VENT
	SMOKE DAMPER		SOIL, WASTE, OR SANITARY SEWER
	EQUIPMENT CALLOUT		ACID WASTE LINE
	TURNING VANES		ACID VENT LINE
	INTAKE OR EXHAUST		STORM DRAIN
	DIRECTION OF AIRFLOW		ROOF DRAIN LINE
	SUPPLY DIFFUSER		OVERFLOW DRAIN LINE
	RETURN GRILLE		CONDENSATE DRAIN LINE
	EXHAUST GRILLE		DOMESTIC COLD WATER (CW)
	FLOOR GRILLE		DOMESTIC HOT WATER (HW)
	Ceiling Exhaust Fan		DOMESTIC HOT WATER RETURN (HWR)
	TEMPERATURE GAUGE		TEMPERED WATER (TW)
	PRESSURE GAUGE (LIQUID FILLED W/ ISOLATION VALVE)		MEDIUM PRESSURE NATURAL GAS
	TEMPERATURE SENSOR (DUCT OR PIPING)		LOW PRESSURE NATURAL GAS
	FLOW SWITCH		FIRE SPRINKLER LINE
	STAINLESS STEEL BRAIDED FLEX CONNECTION		GEOTHERMAL WATER SUPPLY
	ELASTOMERIC FLEX CONNECTOR		GEOTHERMAL WATER RETURN
	SUCTION DIFFUSER		CHILLED WATER SUPPLY
	Y TYPE STRAINER (1 1/2" OR LARGER PROVIDED W/ BLOW DOWN VALVE)		CHILLED WATER RETURN
	FLOW DIRECTION		CONDENSER WATER SUPPLY
	DEMOLITION / EQUIPMENT TO BE REMOVED		CONDENSER WATER RETURN
	NEW TO EXISTING CONNECTION POINT		HEATING WATER SUPPLY
	EXISTING		HEATING WATER RETURN
	FUTURE		LIQUID REFRIGERANT LINE
	NEW		SUCTION REFRIGERANT LINE
	REDUCED PRESSURE BACKFLOW PREVENTER		SLOPE PIPE IN DIRECTION OF ARROW
	DOUBLE CHECK BACKFLOW PREVENTER		PIPE ANCHOR
	UNION		PIPE GUIDE
	AIR VENT		CAP
	TRIPLE DUTY VALVE		
NOTE: THIS IS A LIST OF COMMONLY USED MECHANICAL AND PLUMBING SYMBOLS. SOME OF THE SYMBOLS SHOWN ABOVE MAY NOT BE USED IN THIS DRAWING PACKAGE.			

 <h1>Mechanical Compliance Certificate</h1>		
Project Information		
Energy Code:	2021 IECC	
Project Title:	Athletic Club	
Location:	Jackson, Wyoming	
Climate Zone:	7	
Project Type:	New Construction	
Construction Site:	Owner/Agent: Athletic Club	Designer/Contractor:
Additional Efficiency Package(s)		
Credits: 10.0 Required 0.0 Proposed		
Mechanical Systems List		
Quantity System Type & Description		
1	6-ton (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 132 kBTU/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Single Package DX Unit, Capacity = 67 kBTU/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 11.00 IER, Required Efficiency = 11.00 IER Proposed Part Load Efficiency = 14.60 IER, Required Part Load Efficiency = 14.60 IER Fan System: 6-ton – Compliance (Motor nameplate HP and fan efficiency method) - Passes Fans: FAN 1 Supply, Constant Volume, 2200 CFM, 1.4 motor nameplate hp, 1.00 fan energy index	
1	DOAS (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 230 kBTU/h Proposed Efficiency = 81.00% Et, Required Efficiency: 81.00 % Et Cooling: 1 each - Single Package DX Unit, Capacity = 65 kBTU/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 11.00 IER, Required Efficiency = 11.00 IER Proposed Part Load Efficiency = 15.00 IER, Required Part Load Efficiency = 14.60 IER Fan System: DOAS – Compliance (Motor nameplate HP and fan efficiency method) - Passes Fans: FAN 3 Exhaust, Constant Volume, 2925 CFM, 2.0 motor nameplate hp, 1.00 fan energy index FAN 2 Supply, Constant Volume, 2560 CFM, 3.0 motor nameplate hp, 1.00 fan energy index	
1	DH (Single Zone): Cooling: 1 each - Split System, Capacity = 27 kBTU/h, Air-Cooled Condenser, Unknown Economizer Proposed Efficiency = 13.40 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: DH – Compliance (Motor nameplate HP and fan efficiency method) - Passes Fans: FAN 4 Supply, Constant Volume, 950 CFM, 1.0 motor nameplate hp, 1.00 fan energy index	
1	DF (Single Zone): Heating: 1 each – Duct Furnace, Gas, Capacity = 100 kBTU/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et	

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical 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.

Jake David
Name - Title


Signature

06/24/23
Date

Project Title: Athletic Club

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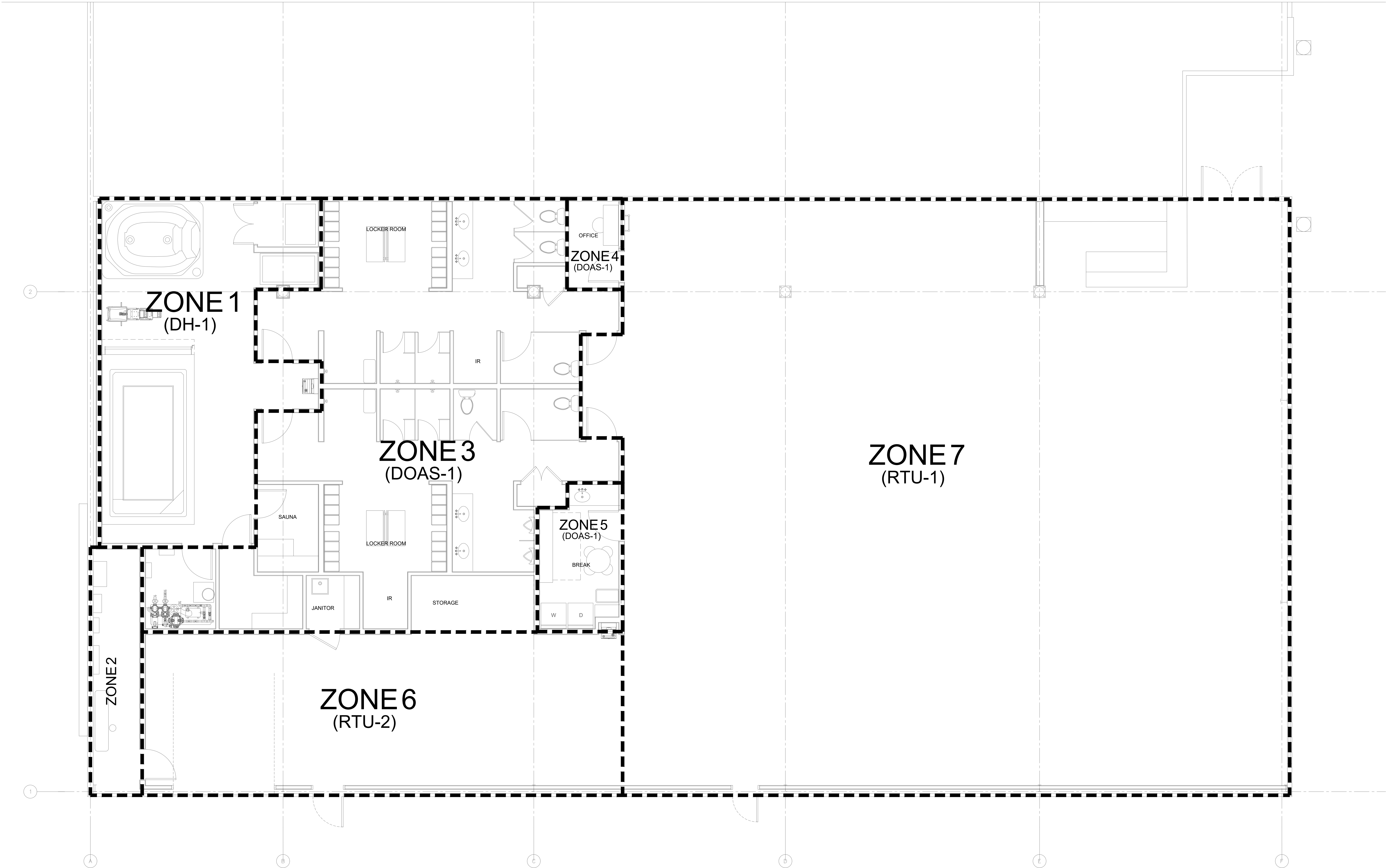
Report date: 06/2

Page 2 of

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05.26.2023
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REVISIONS

M000



1
M001

HVAC ZONE PLAN
1/4"=1'-0"

Jackson, WY
The Athletic Club at Jackson Hole

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CD

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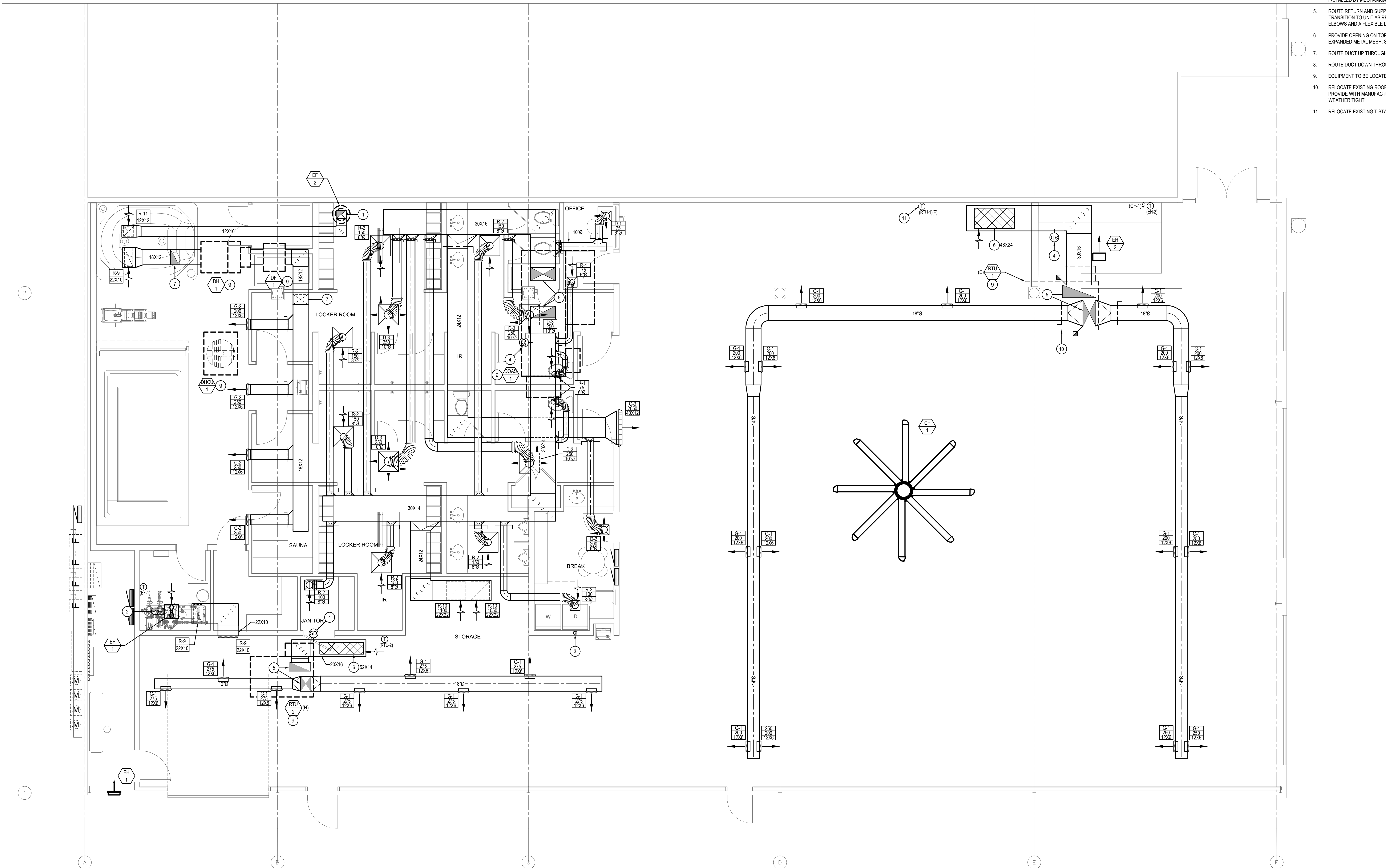
HVAC ZONE
PLAN

M002

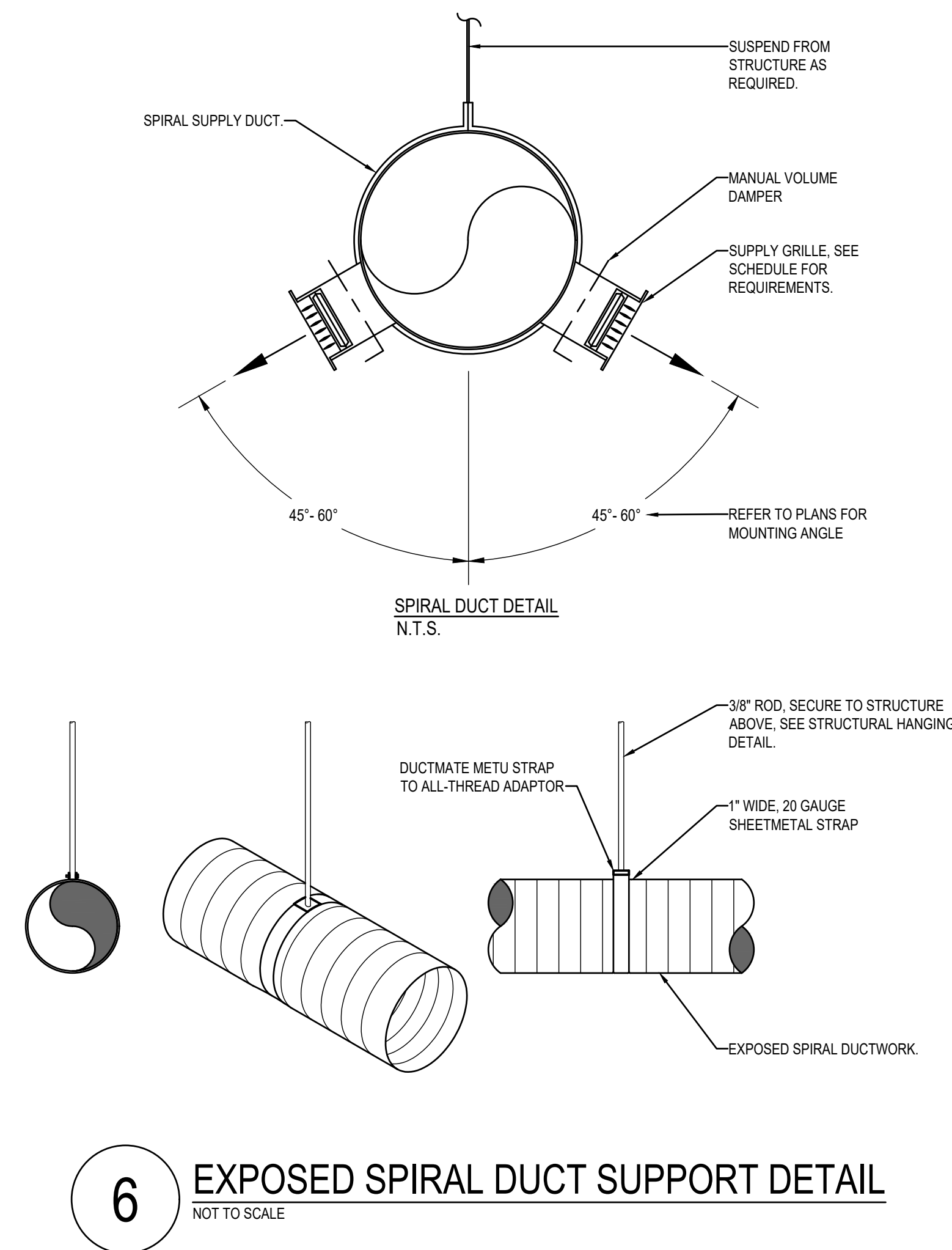
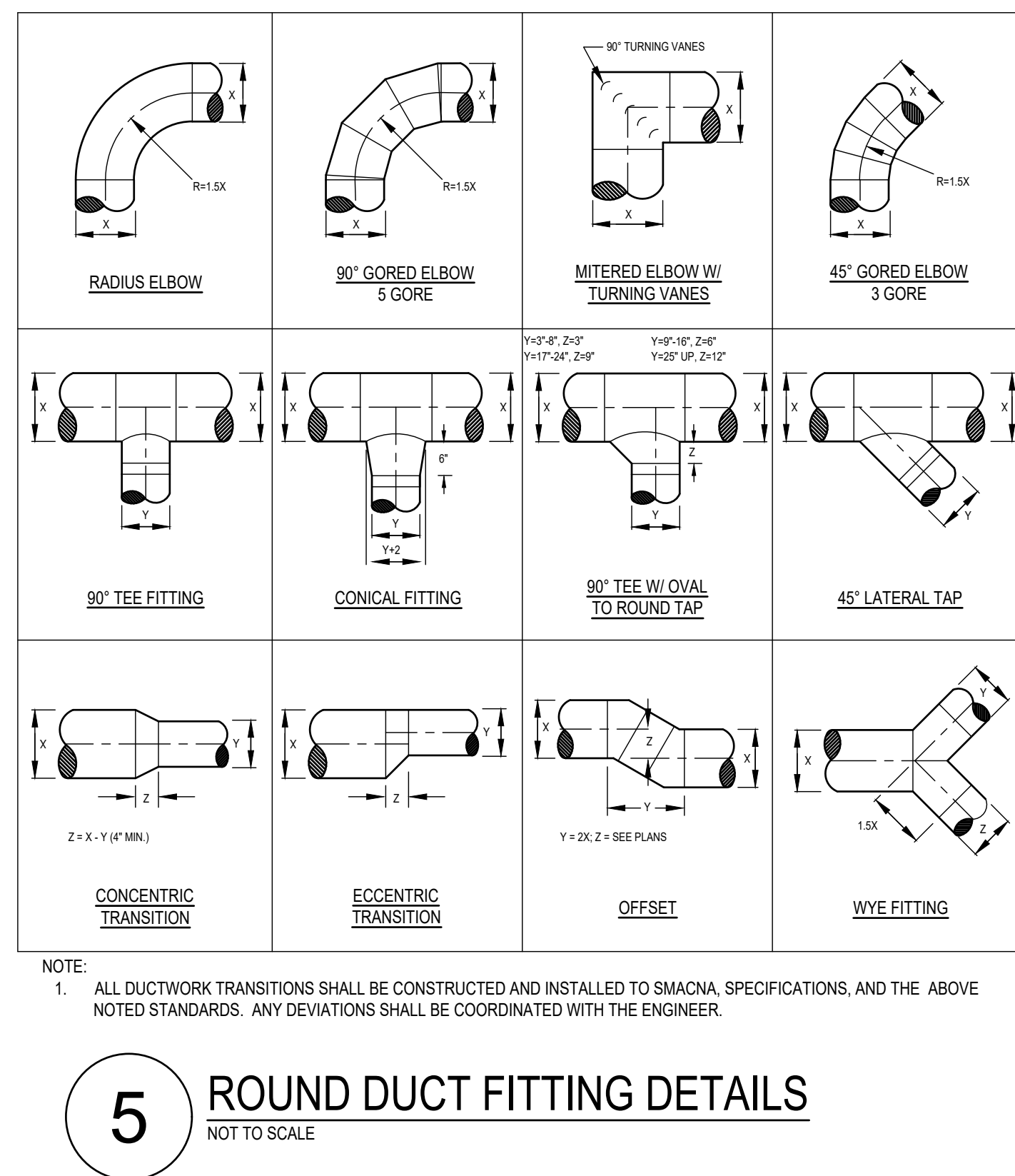
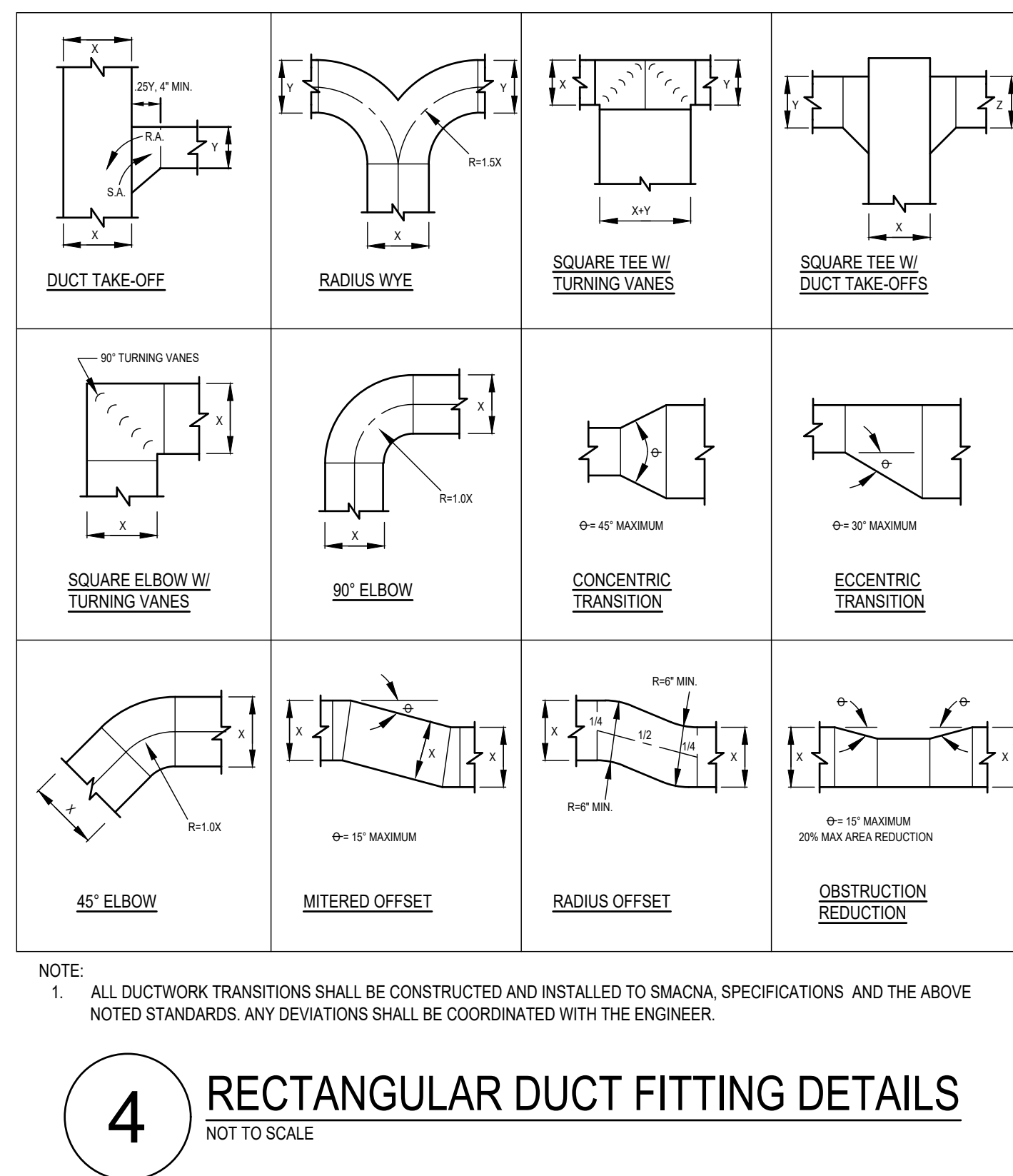
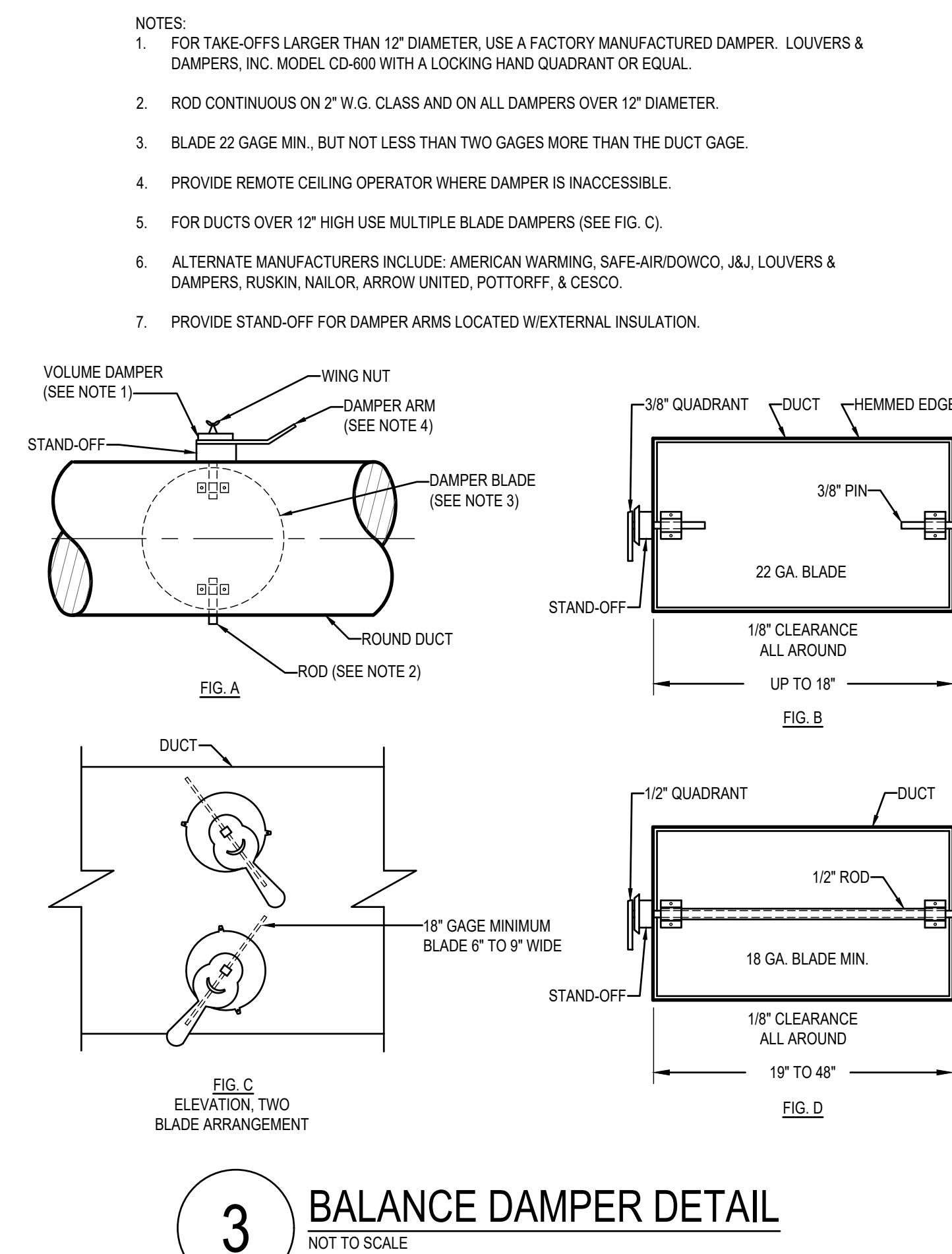
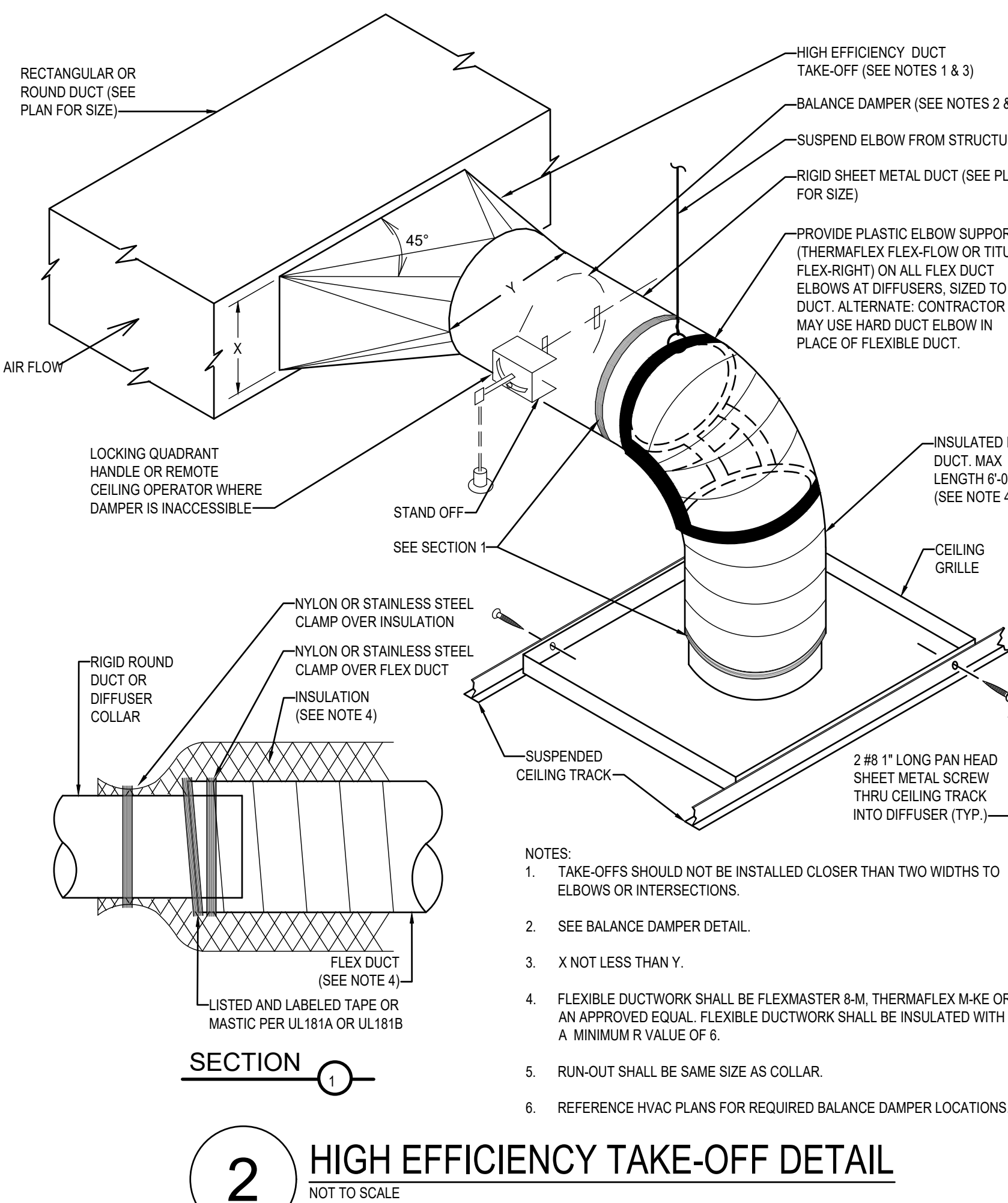
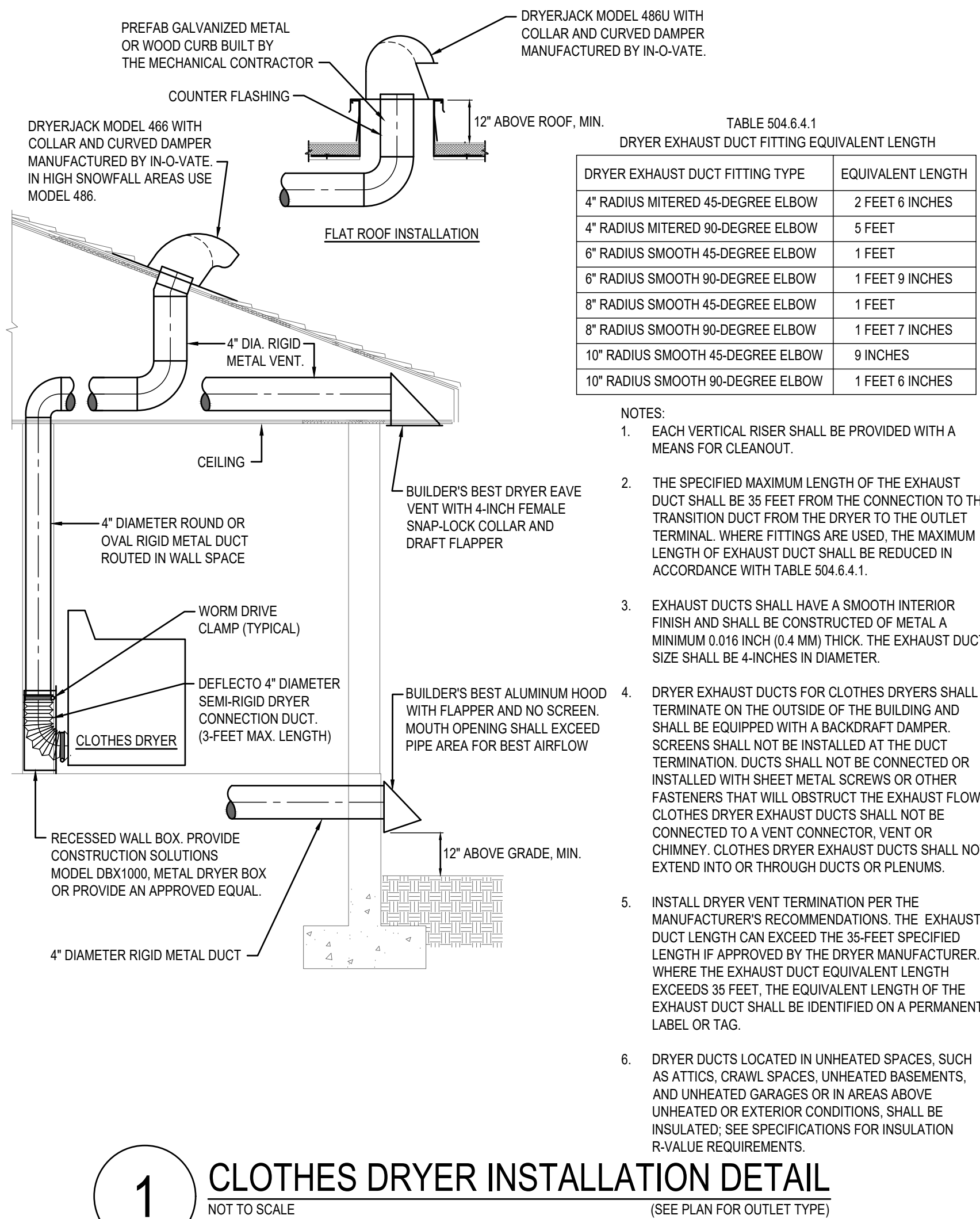
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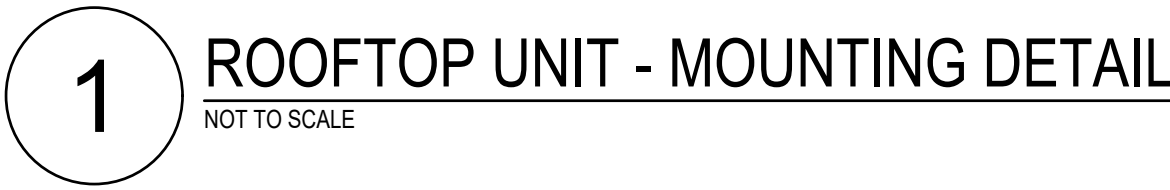
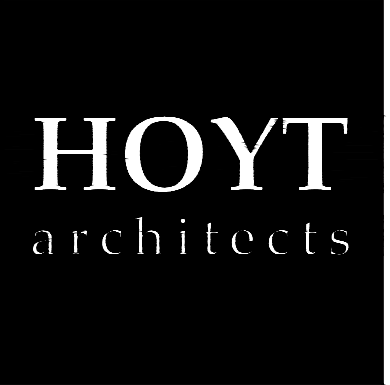
⑥ SYMBOL USED FOR NOTE CALLOUT.

1. ROUTE EXHAUST DUCT UP THROUGH ROOF TO FAN OUTLET. TRANSITION TO FAN OPENING AND PROVIDE FLEXIBLE CONNECTION AT FAN.
2. ROUTE EXHAUST DUCT UP THROUGH ROOF TERMINATE WITH FACTORY ROOF CAP.
3. ROUTE 4" DRYER EXHAUST DUCT UP THROUGH ROOF AND TERMINATE WITH ROOF CAP. SEE DETAIL FOR REQUIREMENTS.
4. 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.
5. 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.
6. PROVIDE OPENING ON TOP OF DUCT. COVER OPENING WITH EXPANDED METAL MESH. SEE PLAN FOR REQUIRED SIZE.
7. ROUTE DUCT UP THROUGH ROOF.
8. ROUTE DUCT DOWN THROUGH ROOF.
9. EQUIPMENT TO BE LOCATED ON ROOF.
10. RELOCATE EXISTING ROOFTOP UNIT TO THIS LOCATION. PROVIDE WITH MANUFACTURERS CURB. SEAL EXISTING CURB WEATHER TIGHT.
11. RELOCATE EXISTING T-STAT TO THIS LOCATION.



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





The Athletic Club at Jackson Hole
Jackson, WY

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 EER	OPER. WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS				
		CFM	ESP	HP	DRIVE	CFM	ESP	HP	DRIVE	SUPPLY			EXHAUST			SUPPLY			EXHAUST			TOTAL MBH	SENSIBLE MBH	INPUT MBH					OUTPUT MBH	MCA	MOCP	V/Ø
										EDB	EWB	LOB	EDB	EWB	LOB	EDB	EWB	LOB	EDB	EWB	LOB											
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	65.1	230	184	41.4	50	208/3	—	3500	GREENHECK RVE-40-36D-SI-G-A1	1, 2, 3, 4		

- REMARKS:
- APPROVED ALTERNATE MANUFACTURERS: AAO, MAMMOTH, ADDISON, AND DAIKIN.
 - PROVIDE WITH MANUFACTURER'S CONTROLLER.
 - PROVIDE UNIT WITH 24" ROOF CURB, FLUE EXTENDER, HAL 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 COMPRESSORS, 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.
 - 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	MOCP	V/Ø	STATIC	MCA	MOCP						V/Ø
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 EER)	1,100	CARRIER 48FCFM07 STANDARD EFFICIENCY	1, 2, 3, 4, 5

- REMARKS:
- APPROVED ALTERNATE MANUFACTURERS: TRANE, AAO, LENNOX, DAIKIN, AND YORK.
 - PROVIDE UNIT WITH SEVEN-DAY PROGRAMMABLE AUTO-CHANGEOVER 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 24VAC WIRE CONNECTION.
 - 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 FIELD INSTALL HAL GUARDS, FLUE EXTENDER, HIGH ALTITUDE KIT, THRU-THE-BOTTOM OF CURB ELECTRICAL CONNECTION KIT.
 - 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.
 - PROVIDE WITH CONSTANT FLOW - MICROMETL GEAR DRIVEN INTEGRATED DRY BULB ECONOMIZER WITH BELIMO 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/Ø			
CF-1	GYM	14 FT	---	56	10 A	120/1	100	BIG ASS FAN MODEL ESSENCE	1, 2, 3

- REMARKS:
- APPROVED ALTERNATE MANUFACTURERS: MACROAIR, GREENHECK.
 - PROVIDE WITH 10 TEC AIRFOIL BLADES, DIRECT DRIVE MOTOR, FULLY ADJUSTABLE SPEED CONTROLLER, 10 YEAR WARRANTY, DOWN ROD, AND GUIDEWIRES.
 - 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/Ø	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:
- APPROVED ALTERNATE MANUFACTURERS: BRASH, QMARK, INDEECO, OUELLET, AND CHROMALOX.
 - MOUNT BOTTOM OF HEATER 24" ABOVE FINISH FLOOR.
 - PROVIDE UNIT WITH AN INTEGRAL THERMOSTAT. THERMOSTAT SHALL BE COVERED WITH A TAMPER-PROOF ACCESS COVER.
 - 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/Ø	MCA	MOCP	TOTAL MBH	SENSIBLE MBH	MOISTURE REMOVAL (LB/Hr)	AMBIENT TEMP (°F)	MCA	MOCP	V/Ø	RETURN AIR (MERV/DEPTH)						OUTSIDE AIR (MERV/DEPTH)
DH-1, DHCU-1	POOL ROOM	950	1.0	1	84.0	55%	14	20	208/3	27	14.1	11.8	95	4.1	15	208/3	8 / 2"	8 / 2"	375	705	275	DESERT AIRE INDOOR UNIT MODEL LC02 DESERT AIRE OUTDOOR UNIT MODEL RCS024C	1, 2, 3, 4, 5

- NOTES:
- APPROVED ALTERNATE MANUFACTURERS: DCA, DETRON
 - EXTERNAL STATIC PRESSURE (ESP) DOES NOT INCLUDE THE COILS, FILTERS, OR OTHER INTERNAL AIR HANDLER LOSSES. UNIT SELECTED AT AN ELEVATION OF 6800 FEET ABOVE SEA LEVEL.
 - PROVIDE DEHUMIDIFICATION UNIT WITH MANUFACTURER'S STAND ALONE CONTROL SYSTEM (W/ SUPPLY AND RETURN AIR TEMPERATURE SENSORS, OUTDOOR AIR TEMPERATURE SENSOR, RELATIVE HUMIDITY SENSOR, AND AIRFLOW SENSOR) (MECHANICAL CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL SENSORS INCLUDING ALL REQUIRED CONDUIT AND BACKBOXES IF REQUIRED). SINGLE POINT INDOOR AND SINGLE POINT OUTDOOR ELECTRICAL CONNECTION, AND FACTORY START-UP. PROVIDE WITH OUTSIDE AIR HOOD AND FILTERS. SEE PLANS FOR ADDITIONAL REQUIREMENTS.
 - UNITS SHALL RUN CONTINUOUS 24 HOURS PER DAY / 7 DAYS A WEEK.

DIFFUSER SCHEDULE				
SYMBOL	NOMINAL SIZE	NECK / RUNOUT SIZE	CFM RANGE	REMARKS
R-1 6"Ø	6X6	6"Ø	0 - 90	1, 2, 3, 4, 5, 6, 7, 8
R-2 8"Ø	9X9	8"Ø	90 - 200	1, 2, 3, 4, 5, 6, 7, 8
R-3 10"Ø	12X12	10"Ø	200 - 350	1, 2, 3, 4, 5, 6, 7, 8
R-4 12"Ø	15X15	12"Ø	300 - 500	1, 2, 3, 4, 5, 6, 7, 8
R-5 14"Ø	15X15	14"Ø	400 - 650	1, 2, 3, 4, 5, 6, 7, 8
R-6 16"Ø	18X18	16"Ø	600 - 900	1, 2, 3, 4, 5, 6, 7, 8
R-7 18"Ø	21X21	21X21	900 - 1400	1, 2, 3, 4, 5, 6, 7, 8

- REMARKS:
- ALTERNATE MANUFACTURERS: ANEMOSTAT, J&J REGISTER, NAILOR, METAL-AIRE, TUTTLE & BAILEY, KRUEGER, PRICE, AND UNITED ENERTECH.
 - SIZES BASED ON TITUS MODEL TDC SERIES.
 - SIZES BASED ON A MAXIMUM NC LEVEL OF 25.
 - ALL DIFFUSERS LOCATED IN LAY-IN CEILING AREAS SHALL BE BORDER TYPE 3 AND BE MOUNTED IN MANUFACTURER PROVIDED 24"x24" PANELS. ALL DIFFUSERS LOCATED IN HARD CEILING AREAS SHALL BE BORDER TYPE 6 (BEVELED) SURFACE MOUNTED. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF VARIOUS CEILING TYPES.
 - SEE HVAC FLOOR PLANS FOR DIRECTIONAL THROW REQUIREMENTS FOR EACH DIFFUSER.
 - ALL OF THE DIFFUSERS SHOWN IN THIS SCHEDULE MAY NOT BE USED. REFERENCE THE HVAC PLAN FOR DIFFUSER CALL-OUTS AND THE QUANTITY OF EACH SIZE REQUIRED.
 - WHENEVER THERE IS A DISCREPANCY BETWEEN THE RUNOUT DUCT SIZE SHOWN ON THE PLANS AND THAT SHOWN IN THE SCHEDULE, ALWAYS USE THE LARGER OF THE TWO DUCT SIZES.
 - COLOR TO BE SELECTED BY ARCHITECT.

SUPPLY GRILLE SCHEDULE				
SYMBOL	NOMINAL SIZE	NECK / RUNOUT SIZE	CFM RANGE	REMARKS
S-1 12"Ø	12X6	12X6	0-275	1, 2, 3, 4
S-2 16"Ø	12X6	12X6	0-350	1, 3, 4, 5
S-3 18"Ø	40X12	40X12	950-2100	1, 3, 4, 5

- REMARKS:
- APPROVED MANUFACTURERS: ANEMOSTAT, J&J REGISTER, TUTTLE & BAILEY, NAILOR, METAL-AIRE, KRUEGER, PRICE, AND UNITED ENERTECH.
 - CURVE SPIRAL DUCT MOUNTED GRILLE. SIZES BASED ON TITUS MODEL S300FL, DOUBLE DEFLECTION, 3/4" BLADE SPACING, INDIVIDUALLY ADJUSTABLE BLADES, AIR EXTRACTOR, WHITE FINISH AND GRILLE SHALL MATCH CURVE OF DUCTWORK.
 - SIZES BASED ON A MAXIMUM NC LEVEL OF 25.
 - WHENEVER THERE IS A DISCREPANCY BETWEEN THE RUNOUT DUCT SIZE SHOWN ON THE PLANS AND THAT SHOWN IN THE SCHEDULE, ALWAYS USE THE LARGER OF THE TWO DUCT SIZES.
 - WALL GRILLE SIZES BASED ON TITUS MODEL 272F, DOUBLE DEFLECTION ADJUSTABLE BLADES, 3/4" SPACING, WHITE FINISH.

EXHAUST FAN SCHEDULE												
SYMBOL	AREA SERVED	UNIT TYPE	BLOWER				ELECTRICAL		MAXIMUM SONES	OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS
			CFM	ESP	MAXIMUM RPM	DRIVE	HP/W	V/Ø				
EF-1	PUMP ROOM	CEILING CABINET	100	375	1075	DIRECT	46.5 W	115/1	2.5	15	COOK MODEL GC-148	1, 2, 4
EF-2	POOL ROOM	UPBLAST	500	375	1725	DIRECT	1/4 HP	115/1	9.7	30	COOK MODEL 100R17DEC	1, 3, 5

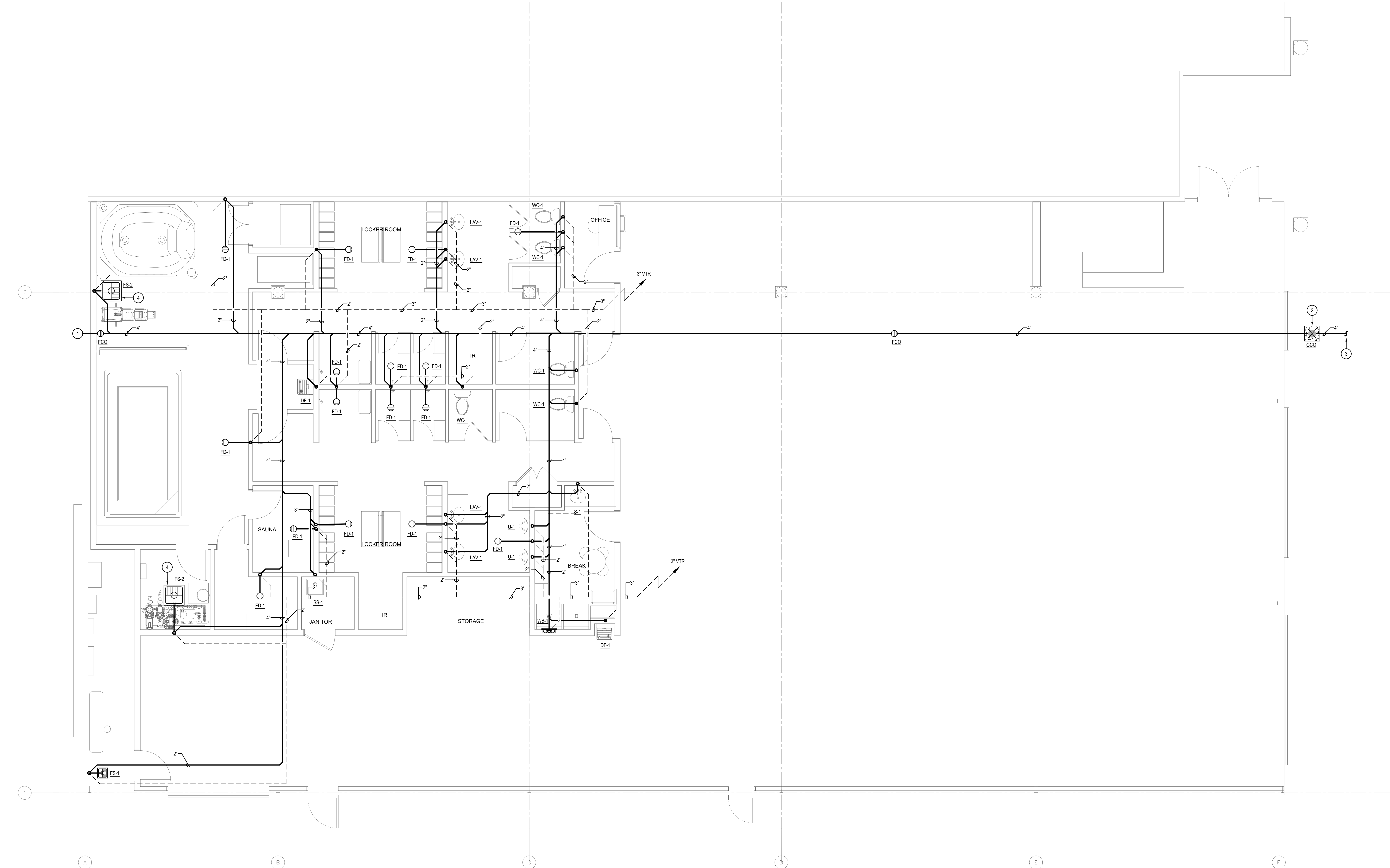
- REMARKS:
- APPROVED ALTERNATE MANUFACTURERS: ACME, GREENHECK, PENNBARRY, TWIN CITY FAN COMPANY, AND SOLER & PALAU.
 - PROVIDE UNIT WITH MANUFACTURER'S STEEL ROOF JACK (SLOPED ROOF) EQUAL TO COOK MODEL RJ (W/ INTEGRAL BIRD SCREEN, FLASHING FLANGE AND BLACK EPOXY FINISH), BACKDRAFT DAMPER, OUTLET FLEX DUCT CONNECTION, STANDARD PLUG DISCONNECT, PRE-WIRED FAN SPEED CONTROLLER, THERMAL OVERLOAD PROTECTION, HANGING VIBRATION ISOLATORS, AND WHITE ALUMINUM GRILLE.
 - PROVIDE UNIT WITH MANUFACTURER'S ROOF CURB W/ DAMPER TRAY AND BACKDRAFT DAMPER, THERMAL OVERLOAD PROTECTION (120 VOLT ONLY), PRE-WIRED NEMA 3R ELECTRICAL DISCONNECT SWITCH, AND INTEGRAL BIRD SCREEN.
 - CONTROL FAN WITH HEAT RISE T-STAT.
 - FAN TO RUN CONTINUOUSLY.

DUCT FURNACE SCHEDULE (OUTDOOR)											
SYMBOL	AREA SERVED	UNIT TYPE	FUEL	CFM	ELECTRICAL		GAS HEATING		THERMAL EFFICIENCY	MANUFACTURER AND MODEL	REMARKS
					AMPS	V/Ø	INPUT (MBH)	OUTPUT (MBH)			
DF-1	POOL ROOM	ROOFTOP, GRAVITY VENTED	NG	950	0.5	115/1	100	72.8	80%	STERLING MODEL PV10AB	1, 2

- REMARKS:
- APPROVED ALTERNATE MANUFACTURERS: REZNOR, HASTINGS, TRANE.
 - PROVIDE UNIT WITH 409 STAINLESS STEEL HEAT EXCHANGER AND BURNERS, ELECTRONIC MODULATION WITH DUCTSTAT AND REMOTE TEMPERATURE SELECTION, AND SPARK-IGNITED INTERMITTENT SAFETY PILOT WITH ELECTRONIC FLAME SUPERVISION AND TIMED LOCKOUT.

KEYED NOTES:

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.



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P100

WASTE & VENT FLOOR PLAN

1/4"=1'-0"

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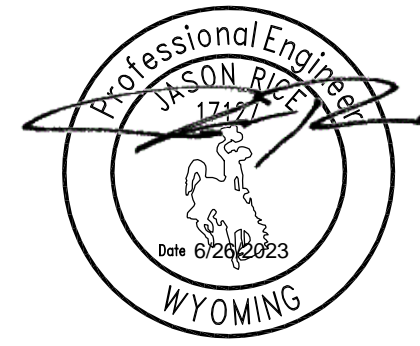
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PLUMBING WASTE &
VENT FLOOR PLAN

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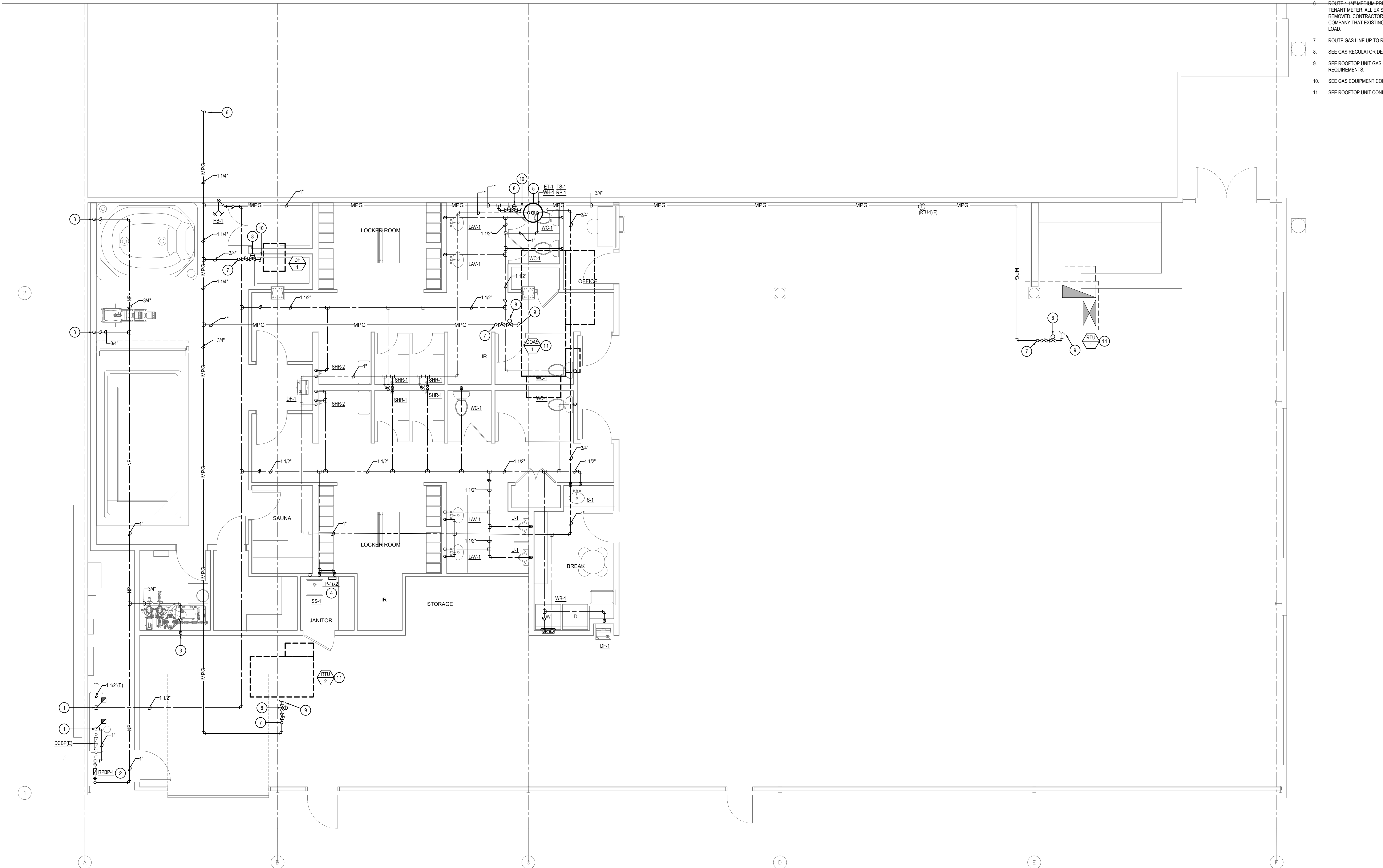
Jackson, WY
The Athletic Club at Jackson Hole



KEYED NOTES:

SYMBOL USED FOR NOTE CALLOUT.

- CONNECT NEW COLD WATER LINE TO EXISTING COLD WATER LINE. CONTRACTOR TO VERIFY EXACT LOCATION.
- SEE POINT OF USE RPPB DETAIL FOR ADDITIONAL REQUIREMENTS.
- ROUTE 3/4" NON-POTABLE COLD WATER LINE DOWN WALL. COORDINATE WITH POOL CONTRACTOR FOR FINAL CONNECTION.
- SEE TRAP PRIMER DETAIL FOR REQUIREMENTS.
- WATER HEATER TO BE INSTALLED UP ON LOFT. SEE WATER HEATER DETAIL FOR ADDITIONAL REQUIREMENTS.
- 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.
- ROUTE GAS LINE UP TO ROOF.
- SEE GAS REGULATOR DETAIL FOR REQUIREMENTS.
- SEE ROOFTOP UNIT GAS CONNECTION DETAIL FOR REQUIREMENTS.
- SEE GAS EQUIPMENT CONNECTION DETAIL FOR REQUIREMENTS.
- SEE ROOFTOP UNIT CONDENSATE DETAIL FOR REQUIREMENTS.



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P101

WASTE & VENT FLOOR PLAN

1/4"=1'-0"

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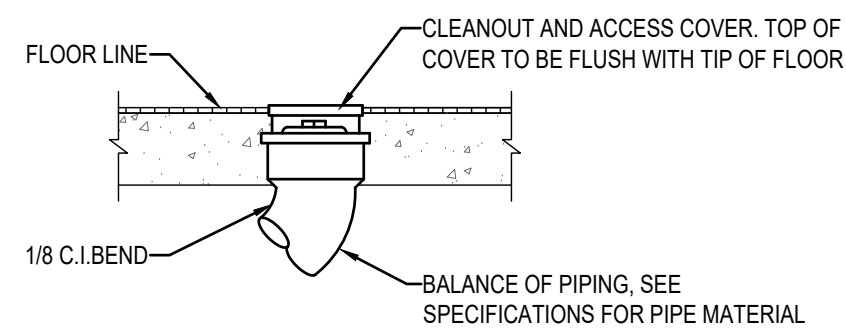
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PLUMBING WATER &
GAS FLOOR PLAN

P101

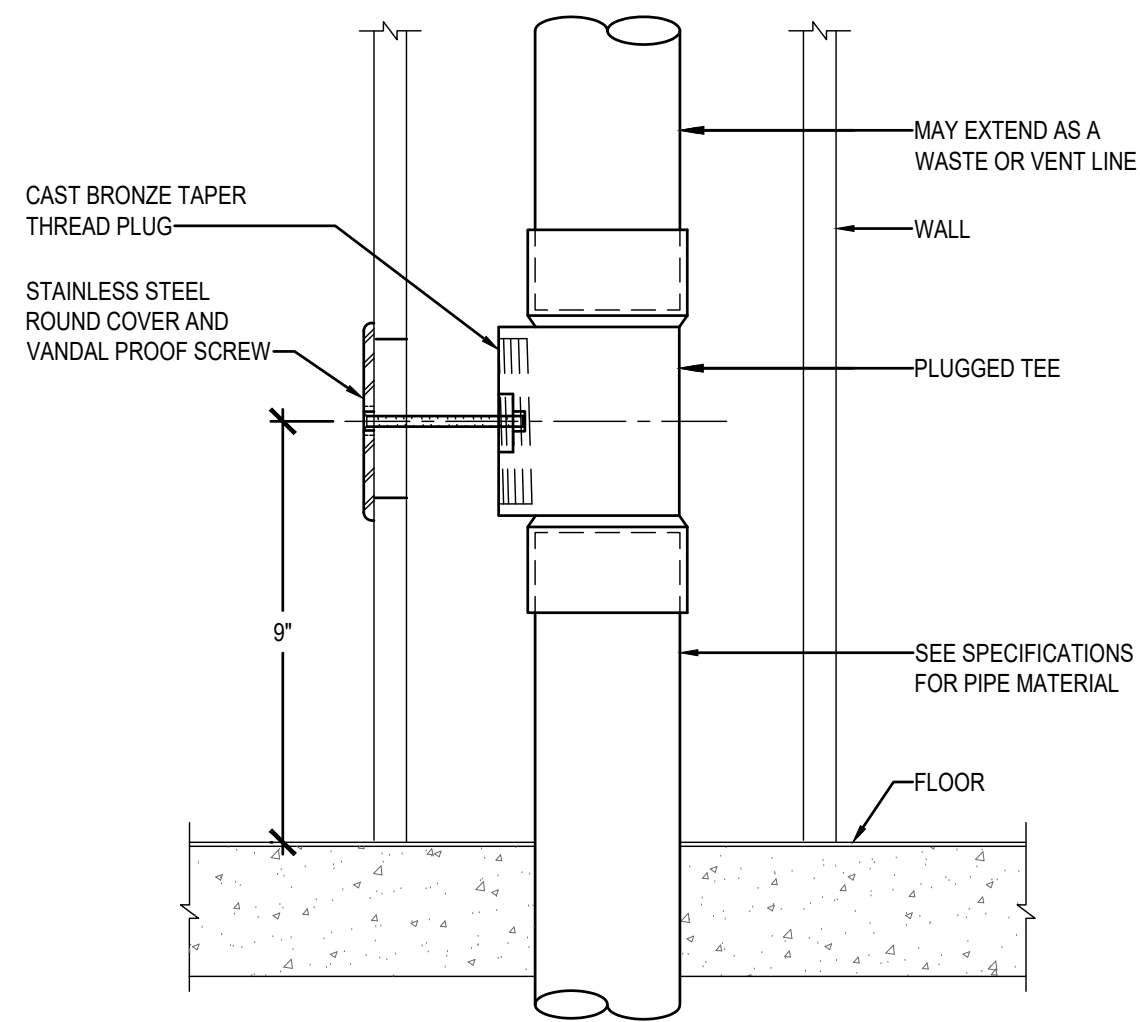
Jackson, WY
The Athletic Club at Jackson Hole



NOTE:
1. CLEANOUTS SHALL BE PROVIDED AT EACH HORIZONTAL DRAINAGE PIPE AT ITS UPPER TERMINAL AND EACH RUN OF PIPING WHICH IS MORE THAN 100 FEET, AND SHALL BE PROVIDED FOR EACH 100 FEET DEVELOPED LENGTH, OR FRACTION THEREOF OF SUCH PIPING. AN ADDITIONAL CLEANOUT SHALL BE PROVIDED FOR EACH AGGREGATE HORIZONTAL CHANGE OF DIRECTION EXCEEDING ONE HUNDRED THIRTY-FIVE DEGREES, PER APPLICABLE PLUMBING CODE. THIS SHALL BE PROVIDED REGARDLESS OF WHAT IS SHOWN ON THE DRAWINGS.

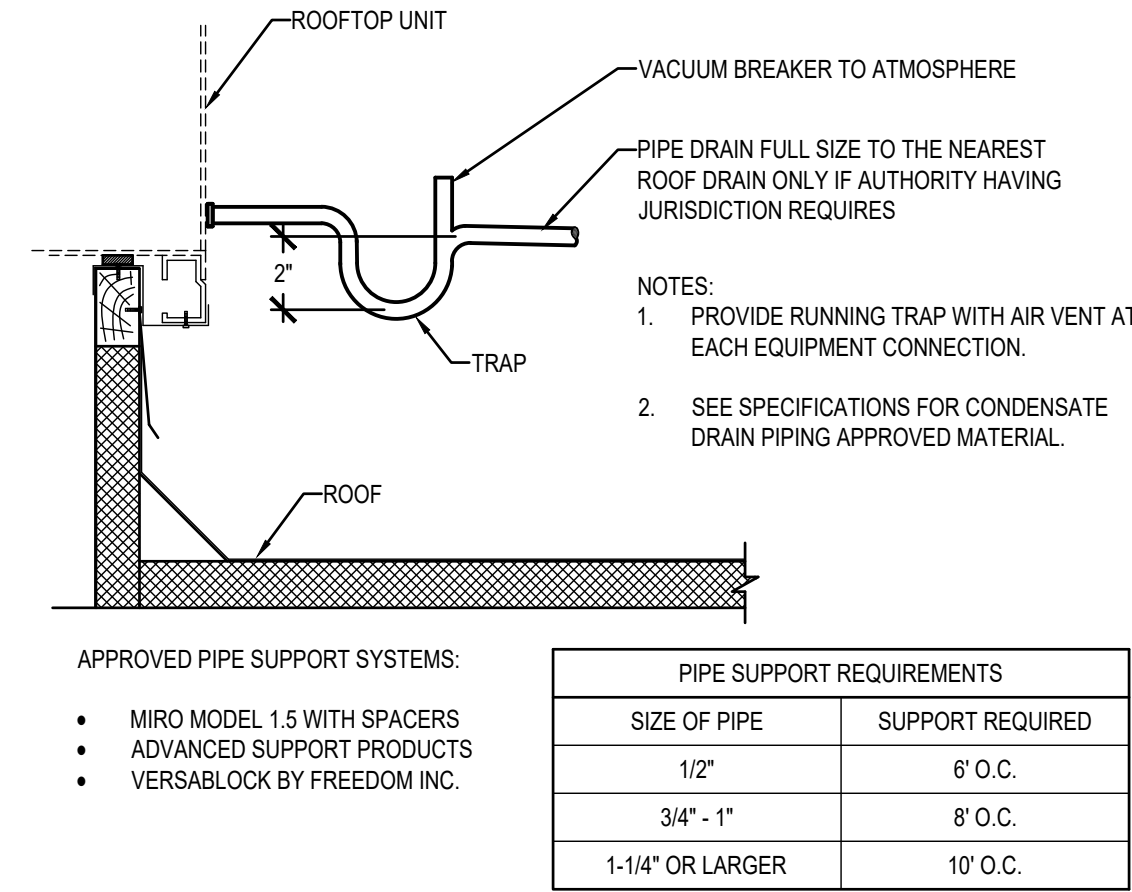
1 FLOOR CLEANOUT (FCO) DETAIL

NOT TO SCALE



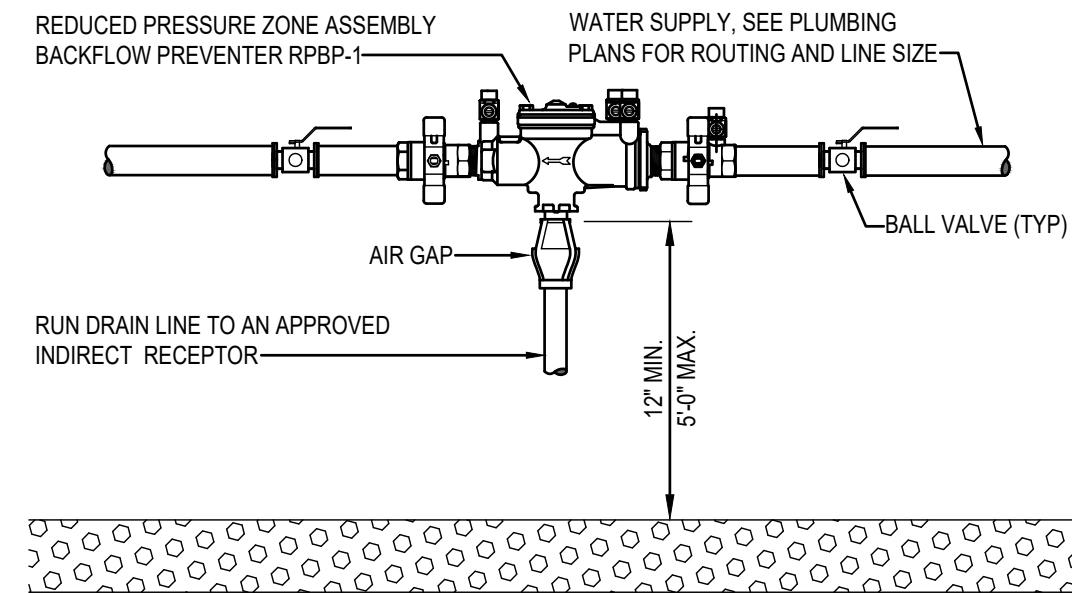
2 WALL CLEANOUT (WCO) DETAIL

NOT TO SCALE



3 ROOFTOP UNIT - CONDENSATE DRAIN DETAIL

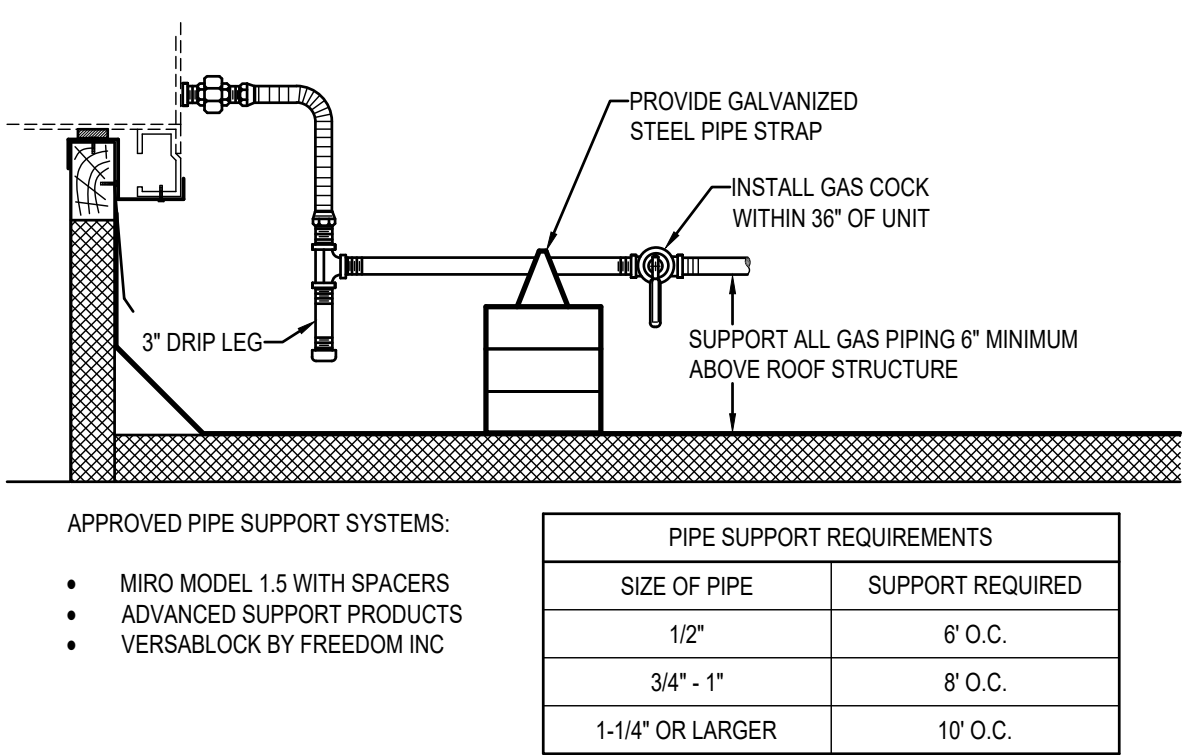
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4 REDUCED PRESSURE BACKFLOW PREVENTER (RPBP)

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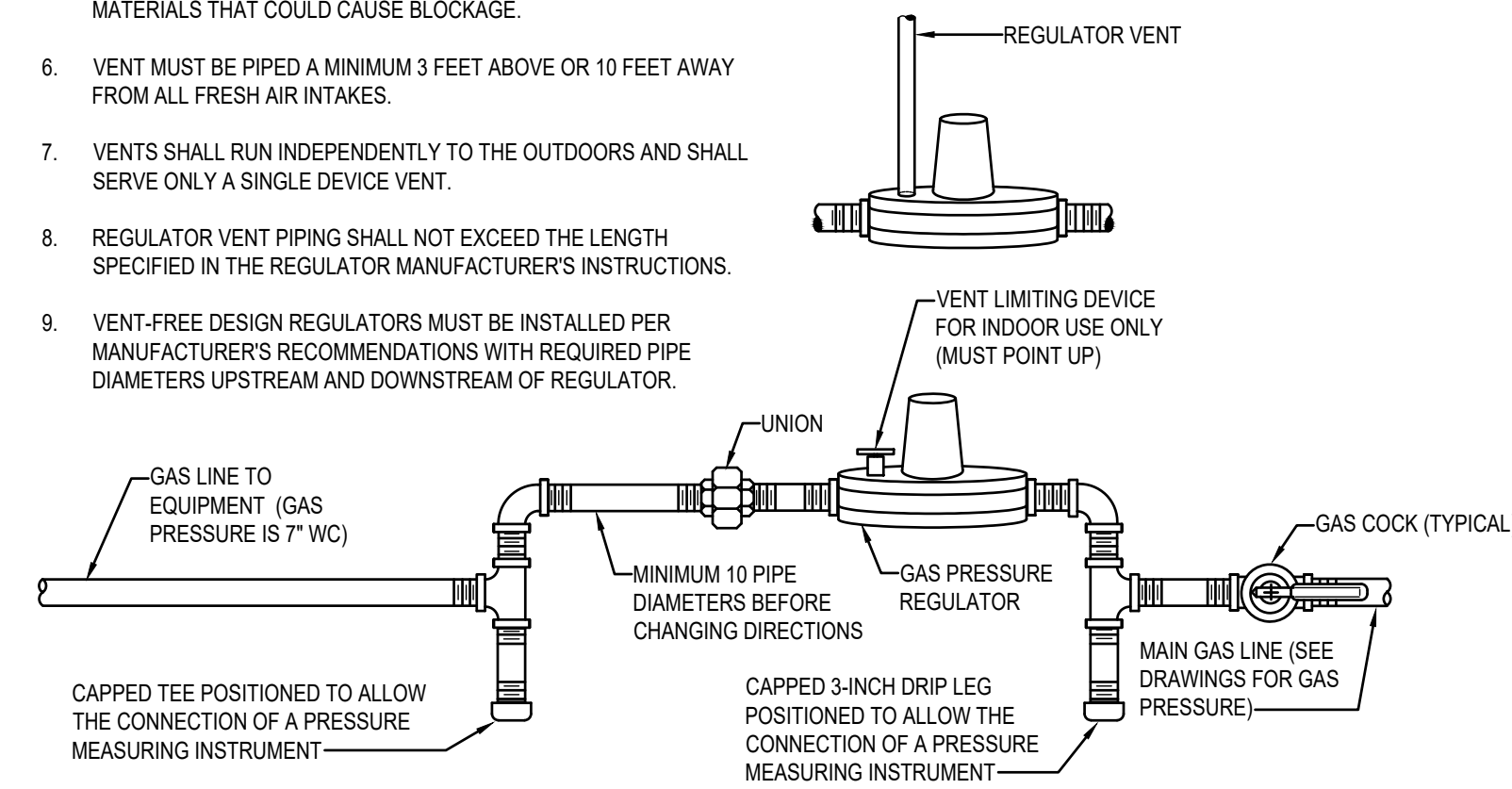
- NOTES:
1. INSTALL FLEX CONNECTION AT ALL ROOF TOP UNITS WHICH HAVE SPRING ISOLATION CURBS (36" MAXIMUM).
 2. INSTALL SOLID PIPE CONNECTION TO ALL ROOF TOP UNITS WHICH DO NOT HAVE SPRING ISOLATION CURBS.
 3. PAINT PIPE WITH RUST RESISTANT PRIMER, RED OR GRAY, SHERWIN WILLIAMS PRO INDUSTRIAL DTM OR APPROVED EQUAL.



5 ROOFTOP UNIT - GAS PIPING DETAIL

NOT TO SCALE

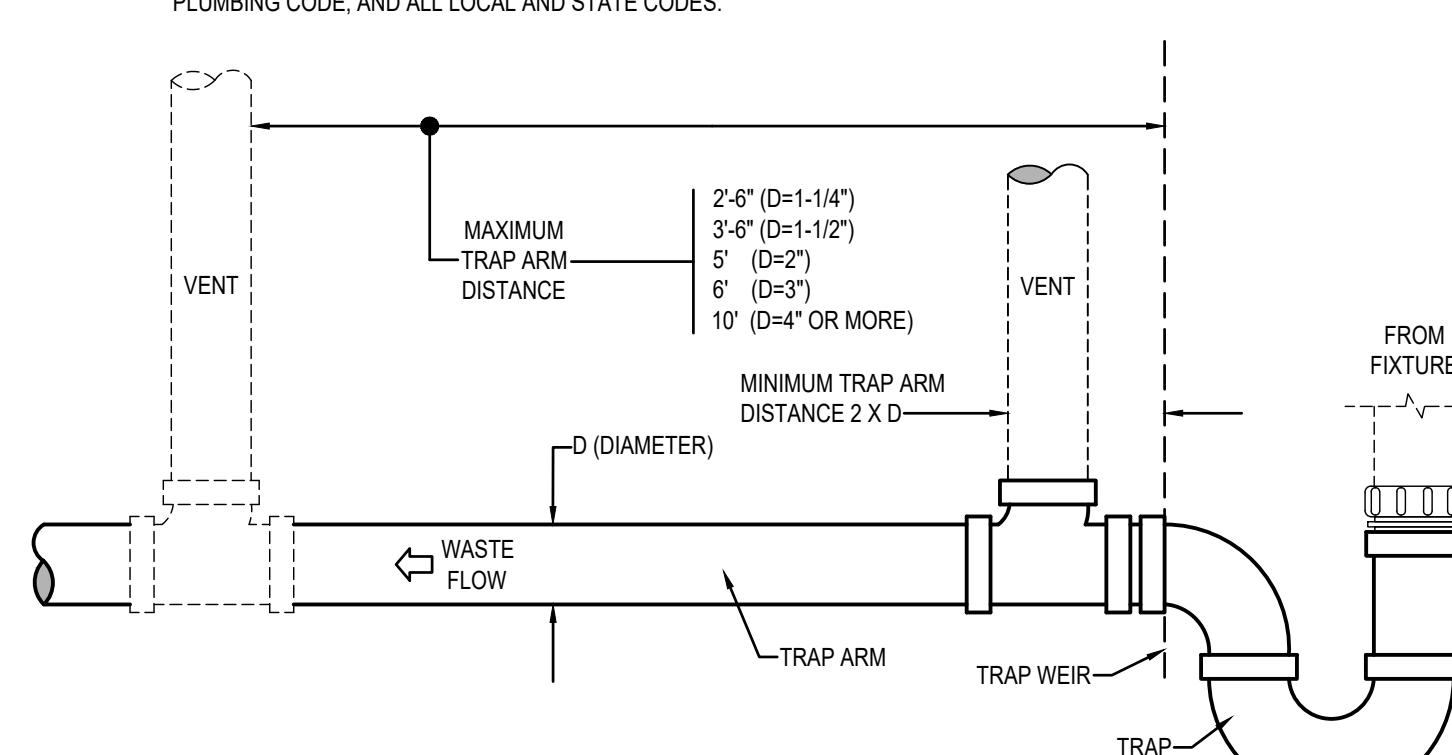
- NOTES:
1. VENT REGULATORS PER MANUFACTURER'S AND LOCAL GAS COMPANY'S REQUIREMENTS.
 2. DO NOT REDUCE THE VENT PIPE SIZE FROM THE REGULATOR.
 3. TO LIMIT THE CONSEQUENCES OF RAIN, SNOW OR DEBRIS GETTING INTO THE VENT, ALWAYS TURN THE OUTLET OF THE VENT DOWN AND ABOVE POTENTIAL WATER OR SNOW LINES.
 4. PROVIDE A BUG SCREEN ON THE VENT OUTLET TO DETER INSECTS FROM NESTING IN THE LINE. NEVER PAINT OVER THE BUG SCREEN.
 5. A VENT LINE PROTECTOR MAY BE USED IN OUTDOOR APPLICATIONS TO PREVENT ENTRY OF WATER, INSECTS OR OTHER FOREIGN MATERIALS THAT COULD CAUSE BLOCKAGE.
 6. VENT MUST BE PIPED A MINIMUM 3 FEET ABOVE ROOF OR 10 FEET AWAY FROM ALL FRESH AIR INTAKES.
 7. VENTS SHALL RUN INDEPENDENTLY TO THE OUTDOORS AND SHALL SERVE ONLY A SINGLE DEVICE VENT.
 8. REGULATOR VENT PIPING SHALL NOT EXCEED THE LENGTH SPECIFIED IN THE REGULATOR MANUFACTURER'S INSTRUCTIONS.
 9. VENT-FREE DESIGN REGULATORS MUST BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS WITH REQUIRED PIPE DIAMETERS UPSTREAM AND DOWNSTREAM OF REGULATOR.



6 GAS PRESSURE REGULATOR DETAIL

NOT TO SCALE

- NOTES:
1. MAINTAIN ONE-FOURTH (1/4) INCH PER FOOT SLOPE.
 2. THE DEVELOPED LENGTH BETWEEN THE TRAP OF A WATER CLOSET OR SIMILAR FIXTURE (MEASURED FROM THE TOP OF THE CLOSET FLANGE TO THE INNER EDGE OF THE VENT) AND ITS VENT SHALL NOT EXCEED SIX (6) FEET.
 3. ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST ADOPTED PLUMBING CODE, AND ALL LOCAL AND STATE CODES.

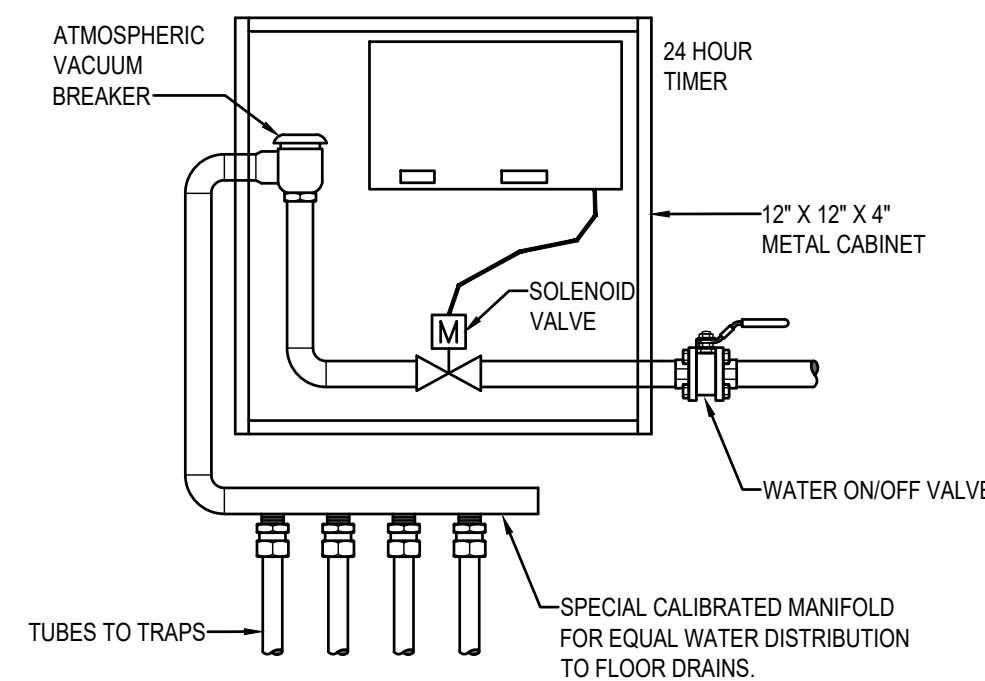


7 TRAP ARM DETAIL

NOT TO SCALE

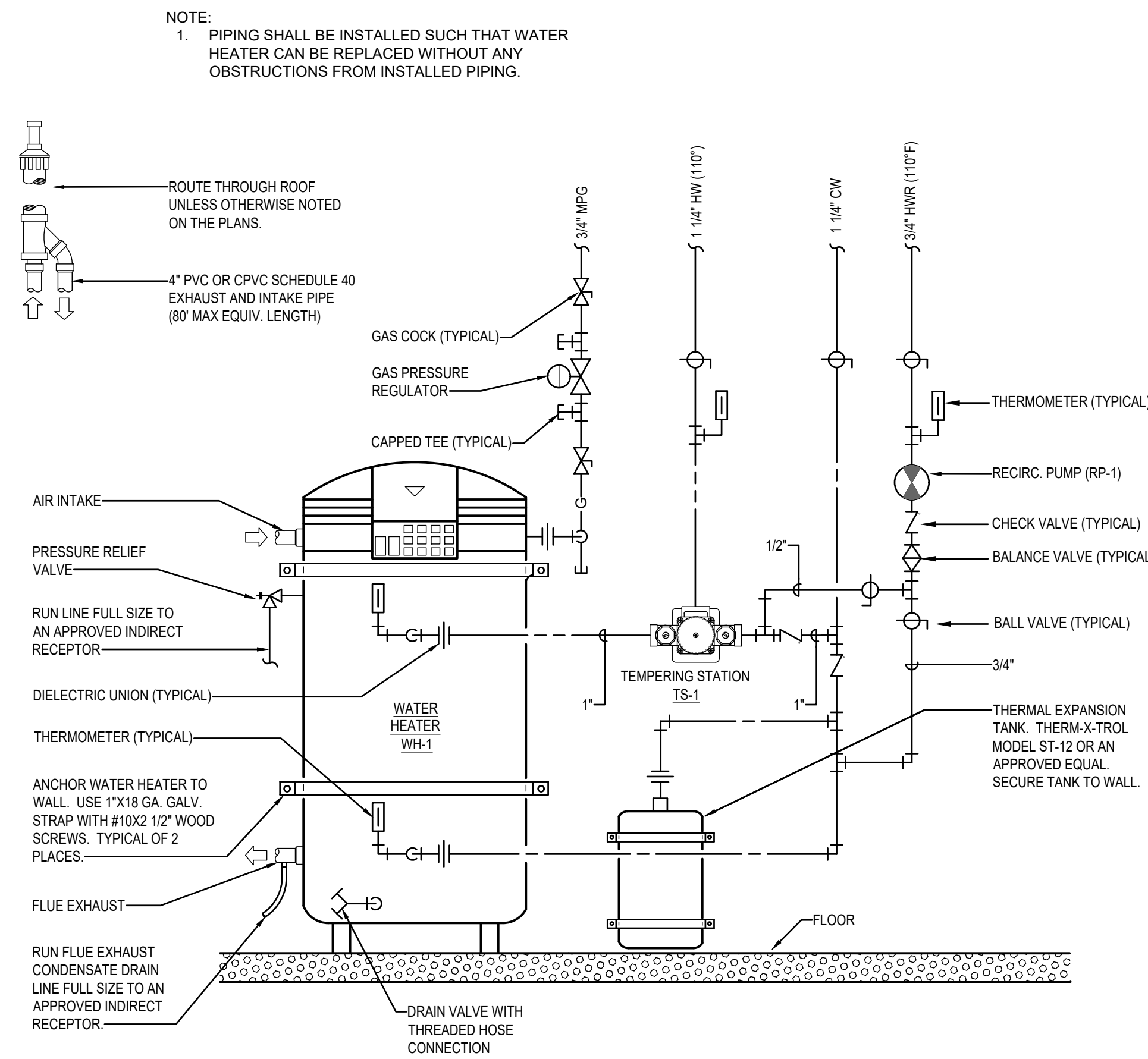
TAILPIECE PRIMER NOTES:

1. THE ELECTRONIC TRAP PRIMER IS DESIGNED TO PRIME FOUR FLOOR DRAIN TRAPS.
2. UNIT MUST BE INSTALLED PLUMB AND MUST BE INSTALLED WITH ACCESS.
3. THE PRIMING ASSEMBLY MUST BE MOUNTED ABOVE THE FINISHED FLOOR. THE PRIMING VALVE MAKE-UP LINE TO FLOOR DRAIN SHALL BE A MINIMUM OF 12" OFF THE FINISHED FLOOR BEFORE A 90° ELBOW CAN BE INSTALLED.
4. CONNECT A FRESH WATER LINE TO THE 3/4" NPT INLET BALL VALVE.
5. CONNECT APPROPRIATELY SIZED (3/8" OR 1/2" ID) COPPER SUPPLY LINES TO THE MANIFOLD.
6. ALL WIRING MUST BE IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES.
7. TRAP PRIMER SHALL BE PRECISION PLUMBING PRODUCTS MODEL PTS-4 OR AN APPROVED EQUAL.



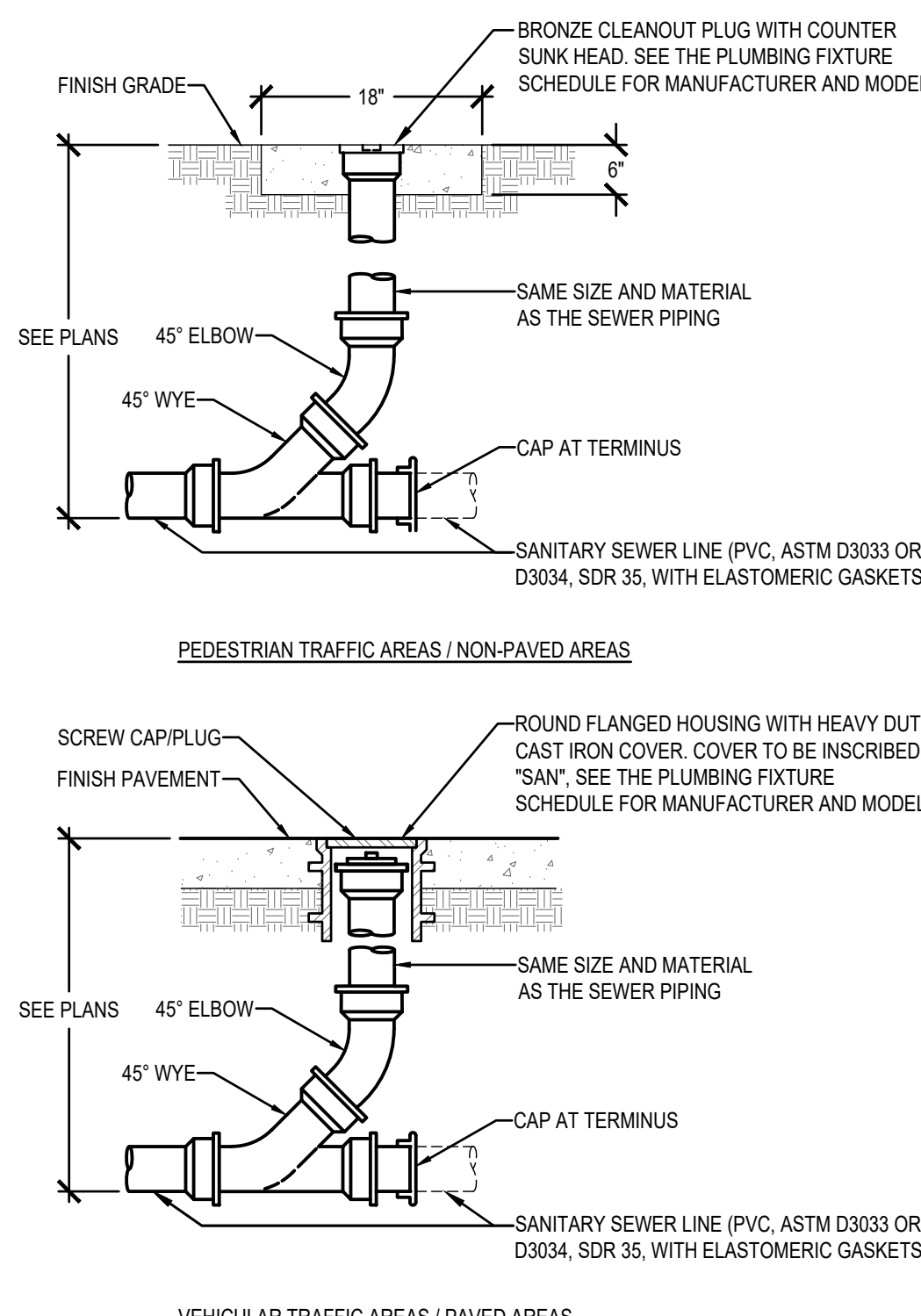
8 TRAP PRIMER CONNECTION DETAIL

NOT TO SCALE



9 HIGH EFFICIENCY WATER HEATER & TEMPERING STATION PIPNG DETAIL

NOT TO SCALE



10 GRADE CLEANOUT (GCO) DETAIL

NOT TO SCALE



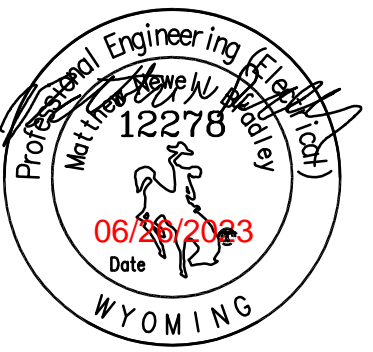
GAS SIZING CHART			
SYMBOL	INPUT (MBH)	RUNOUT SIZE (2PSI) (INCHES)	EQUIPMENT CONNECTION SIZES (7" WC) (INCHES)
RTU-1E	250	3/4	3/4
RTU-2	132	3/4	3/4
DOAS-1	250	3/4	3/4
DF-1	100	3/4	3/4
WH-1	199	3/4	3/4
TOTAL	1181	EQUIVALENT LENGTH = 375 FT PRESSURE = 2 PSI MAIN SIZE = 1 1/4"	

NOTE: GAS 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 TO GAS FIRED EQUIPMENT WITH GAS COCK AND FLEX CONNECTOR AT UNIT. SEE GAS CONNECTION DETAILS.

PLUMBING FIXTURE SCHEDULE							
SYMBOL	FIXTURE DESCRIPTION	CONNECTION SIZE					MANUFACTURER / MODEL NUMBER / DESCRIPTION / ADDITIONAL COMMENTS
		WASTE	VENT	TRAP	CW	HW	
DF-1	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 LZS8WSL/P (FILTERED) MODEL EZS8GWSL/K (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 0630 FLOOR MOUNTED SUPPORT CARRIER. OPTION - CANE APRON.
ET-1	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.
FCO	FLOOR CLEANOUT	SEE PLANS	--	--	--	--	JAY R. SMITH 4020 SERIES WITH ADJUSTABLE, ROUND NICKEL BRONZE TOP AND ABS PLUG.
FD-1	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.
FS-1	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.
FS-2	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.
GCO	GRADE CLEANOUT (NON-PAVED AREAS)	SEE PLANS	--	--	--	--	JAY R. SMITH 4220 SERIES, ROUND EXTRA HEAVY DUTY CAST IRON TOP. FURNISH WITH WITH ABS PLUG. COVER TO BE INSCRIBED "SAN".
GCO	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".
HB-1	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.
LAV-1	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 CORALIS MODEL K-15198-4RA, 4-1/2" LONG, SINGLE LEVER FAUCET WITH 0.5 GPM AERATOR. PROVIDE WITH PIPING INSULATION, TRUEBRO LAV GUARD, PLUMBEREX HANDSHIELD, OR EQUAL.
RP-1	RECIRCULATION PUMP (HOT WATER RETURN SYSTEM) (SMALL SYSTEM)	--	--	--	--	3/4	BELL AND GOSSETT BRONZE MODEL NBF-10SLW, 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 GM404NVE-RD89. APPROVED ALTERNATE: ARMSTRONG, TACO, GRUNDOS.
RPBP-1	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 ____.
S-1	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 LK3601 OR SINGLE LEVER CHROME FAUCET WITH SWING SPOUT AND HOSE SPRAY, ELKAY MODEL LK36. STAINLESS STEEL STRAINER BASKET AND TAILPIECE.
SHR-1	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.
SHR-2	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 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, 69" DOUBLE SWIVEL HOSE ASSEMBLY, 30" SLIDE BAR, VACUUM BREAKER, DROP ELL. PROVIDE STAINLESS STEEL CURTAIN ROD AND WEIGHTED SHOWER CURTAIN.
SS-1	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.
TS-1	TEMPERING STATION	--	--	--	--	1 1/2	SYMMONS TEMPCONTROL MODEL NO. 7-1000 WITH ROUGH BRONZE FINISH, WALL MOUNTED. PROVIDE WITH TEMPERATURE GAUGE ON OUTLET.
TP-1	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.
WB-1	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.
WC-1	WATER CLOSET (17-1/2" SEAT HEIGHT) (FLUSH TANK) (FLOOR MOUNTED) (COMFORT HEIGHT / ADA)	4	2	INT.	1/2	--	KOHLER CAMARRON 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.
WCO	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.
WH-1	WATER HEATER (NOMINAL 100 GALLON) (NATURAL GAS - 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 WATER HEATER WITH HEAT TRAP.

NOTES:

- ALL ADA COMPLIANT FIXTURES MUST COMPLY WITH ICC/ANSI A117.1. SEE ARCHITECTURAL PLANS FOR HANDICAPPED FIXTURE DESIGNATIONS, LOCATIONS, CLEARANCES, AND MOUNTING HEIGHTS.
- 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.
- 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.
- SEE SPECIFICATIONS FOR ALTERNATE APPROVED MANUFACTURERS.
- HIGH EFFICIENCY WATER HEATERS. PROVIDE WITH CONDENSATE NEUTRALIZATION KIT BY JIM BOILER WORKS MODEL JM (OR EQUAL), SIZED PER EQUIPMENT CAPACITY.
- 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

REFERENCE FIXTURE SCHEDULE FOR MOUNTING TYPE, MOUNTING HEIGHT, AND FIXTURE TYPE	
	DOUBLE FACE EXIT SIGN, CEILING MOUNTED, PROVIDE UNSWITCHED CONDUCTOR.
	WALL MOUNTED DOUBLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.
	SINGLE FACE EXIT SIGN, CEILING MOUNTED PROVIDE UNSWITCHED CONDUCTOR.
	WALL MOUNTED SINGLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.
	ARROW INDICATES DIRECTION TO BE SHOWN ON SIGN.
	1'X1' LIGHT FIXTURE.
	1'X1' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	TRACK LIGHT
	1'X4' LIGHT FIXTURE.
	1'X4' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	2'X4' LIGHT FIXTURE.
	2'X4' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	2'X2' LIGHT FIXTURE.
	2'X2' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	DIRECT/INDIRECT LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH.
	DIRECT/DIRECT LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	STRIP LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH.
	STRIP LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	WALL MOUNTED LIGHT FIXTURE.
	WALL MOUNTED LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	RECESSED LIGHT FIXTURE
	RECESSED LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	ROUND LIGHT FIXTURE
	ROUND EMERGENCY LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	WALL MOUNTED LIGHT FIXTURE.
	WALL MOUNTED EMERGENCY LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.
	POLE LIGHT 1 HEAD WITH POLE
	TIME CLOCK
	PHOTO CONTROL CELL LOCATED 12" ABOVE ROOF FACING NORTH.
	OCCUPANCY SENSOR. PROVIDE RELAYS AND POWER. PACKS AS REQUIRED.
	LED DRIVER
	EMERGENCY EGRESS LIGHTING WITH OUT FIXTURE HEADS. CONNECT TO AN UNSWITCHED CONDUCTOR.
	EMERGENCY EGRESS LIGHTING. CONNECT TO AN UNSWITCHED CONDUCTOR.
	CEILING MOUNTED SINGLE FACE EXIT SIGN WITH EMERGENCY EGRESS LIGHTING. PROVIDE UNSWITCHED CONDUCTOR.
	CEILING MOUNTED DOUBLE FACE EXIT SIGN WITH EMERGENCY EGRESS LIGHTING. PROVIDE UNSWITCHED CONDUCTOR.
	INDICATES FIXTURE TYPE. REFER TO FIXTURE SCHEDULE.
	EXTERIOR WALL PACK
	EMERGENCY EXTERIOR WALL PACK. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.

DEVICES

SWITCH, TYPE AS INDICATED. +48" AFF	
2	DOUBLE POLE
3	3-WAY
4	4-WAY
K	KEYED
P	PLOT LIGHT
D	DIMMER
HP	HORSEPOWER RATED
TO	THERMAL OVERLOAD
LV	LOW VOLTAGE
OS	OCCUPANCY SENSOR
OR	LOW VOLTAGE, MOMENTARY OVERRIDE
VS	VACUANCY SENSOR
a	SUPERSCRIPT INDICATES LIGHTS TO BE SWITCHED TOGETHER
SS	DUAL LEVEL SWITCHING, INSIDE AND OUTSIDE LAMPS OF FIXTURE TO BE SWITCHED SEPARATELY.
SSs	DUAL LEVEL SWITCHING WITH OCCUPANCY SENSOR, INSIDE AND OUTSIDE LAMPS OF FIXTURE TO BE SWITCHED SEPARATELY.
SSs	OCCUPANCY SENSOR WITH MANUAL DIMMING, SET FOR 50% AUTOMATIC ON, AUTOMATIC OFF, WITH MANUAL DIMMING.
	SINGLE CONVENIENCE OUTLET, +18" AFF UNO
	FLOOR MOUNT SINGLE CONVENIENCE OUTLET
	DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
	FLOOR MOUNT DUPLEX CONVENIENCE OUTLET
	EMERGENCY DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
	SWITCHED DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
	FLOOR MOUNTED SWITCHED DUPLEX CONVENIENCE OUTLET
	USB DUPLEX CONVENIENCE OUTLET, +18" AFF UNO
	USB FOURPLEX CONVENIENCE OUTLET, +18" AFF UNO
	FOURPLEX CONVENIENCE OUTLET, +18" AFF UNO
	FLOOR MOUNT FOURPLEX CONVENIENCE OUTLET
	CONNECTION POINT TO EQUIPMENT SPECIFIED. ELECTRICAL CONTRACTOR TO SUPPLY RACEWAY AND CONDUCTORS AND MAKE FINAL CONNECTION TO EQUIPMENT UNDER THIS SECTION. UNO
	FLOOR MOUNTED CONNECTION POINT. SEE NOTE ABOVE FOR REQUIREMENTS
	FLOOR MOUNTED JUNCTION BOX
	JUNCTION BOX
	WALL MOUNTED PUSH BUTTON, MOUNT AT SWITCH HEIGHT UNO
	WALL MOUNTED PUSH BUTTON, HANDICAPPED MOUNT AT SWITCH HEIGHT UNO
	WALL MOUNTED PUSH BUTTON, MOUNT AT SWITCH HEIGHT UNO
	COMBINATION STARTER AND DISCONNECT, SIZE/POLES, STARTER SIZE AS INDICATED. NEMA 1 UNO
	FUSED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO
	NON-FUSED DISCONNECT SIZE/POLES AS INDICATED, NEMA 1 UNO
	THERMOSTAT, +48" AFF PROVIDE CONDUIT, J-BOX, CONDUCTORS AS REQUIRED TO CONTROL ASSOCIATED UNITS. UNO COORDINATE WITH DIVISION 15.
	HANDSTAT, +48" AFF PROVIDE CONDUIT, J-BOX, CONDUCTORS AS REQUIRED TO CONTROL ASSOCIATED UNITS. UNO COORDINATE WITH DIVISION 15.
	POWER POLE - DUAL CHANNEL
	RECESSED ENTERTAINMENT BOX
	TRANSFORMER
	PANELBOARD. SEE SCHEDULE FOR TYPE.
	EQUIPMENT CABINET, SURFACE MOUNTED
	EQUIPMENT CABINET FLUSH MOUNTED
	SURFACE MULTI-OUTLET RACEWAY
	MECHANICAL EQUIPMENT CALL OUT
	KITCHEN EQUIPMENT CALLOUT

ONE LINE

	DELTA WYE TRANSFORMER UNO
	PANEL BOARD, SEE SCHEDULE FOR TYPE AND SIZE
	CIRCUIT BREAKER, SIZE AND POLES INDICATED
	FUSE, SIZE AND TYPE INDICATED, PROVIDE FUSE FOR EACH POLE
	INTERRUPTER SWITCH, SIZE AND POLES INDICATED
	FUSED SWITCH, SIZE/POLES AND FUSE SIZE INDICATED
	DRAW OUT CIRCUIT BREAKER, SIZE AND POLES INDICATED
	INDIVIDUAL BREAKER WITH SHUNT TRIP, SIZE AND POLES INDICATED. NEMA 1 UNO
	INDIVIDUAL BREAKER, SIZE AND POLES INDICATED. NEMA 1 UNO
	GROUND FAULT PROTECTION
	TRANSIENT VOLTAGE SURGE SUPPRESSION
	ADJUSTABLE BREAKER SETTINGS (PER SPECIFICATIONS): 1'-LONG TIME S'-SHORT TIME Y-INSTANTANEOUS G'-GROUND FAULT R'-ENERGY REDUCING MAINTENANCE SWITCH W/STATUS INDICATOR
	GROUND
	SHUNT TRIP COIL
	MOTOR
	DISCONNECT SWITCH, SIZE AND POLES INDICATED. NEMA 1 UNO
	OVERHEAD SERVICE DROP
	GENERATOR SET, MAIN BREAKER SIZE INDICATED
	AUTOMATIC TRANSFER SWITCH (ATS)
	METER AND BASE
	NEUTRAL
	DRY TYPE TRANSFORMER
	PAD MOUNT TRANSFORMER

ELECTRICAL GENERAL NOTES

- 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.
- B. ALL CONDUIT AND JUNCTION BOXES ARE TO BE CONCEALED UNLESS LOCATED WITHIN DEDICATED ELECTRICAL OR MECHANICAL ROOMS. USE OF 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.
- 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 AT THE DEVICES.
- D. PROVIDE PULL-LINE IN ALL EMPTY CONDUITS.
- E. TERMINATE ALL LOW-VOLTAGE CONDUITS WITH INSULATED THROAT BUSHING.
- F. MECHANICAL EQUIPMENT INDICATED IS SHOWN IN AN APPROXIMATE LOCATION. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- DEMO:
- 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. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOB 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.
- H. ALL ELECTRICAL DEVICES AND WALLS INDICATED ON THE ELECTRICAL DEMOLITION DRAWING(S) ARE TO REMAIN UNLESS OTHERWISE NOTED.

COMMUNICATIONS

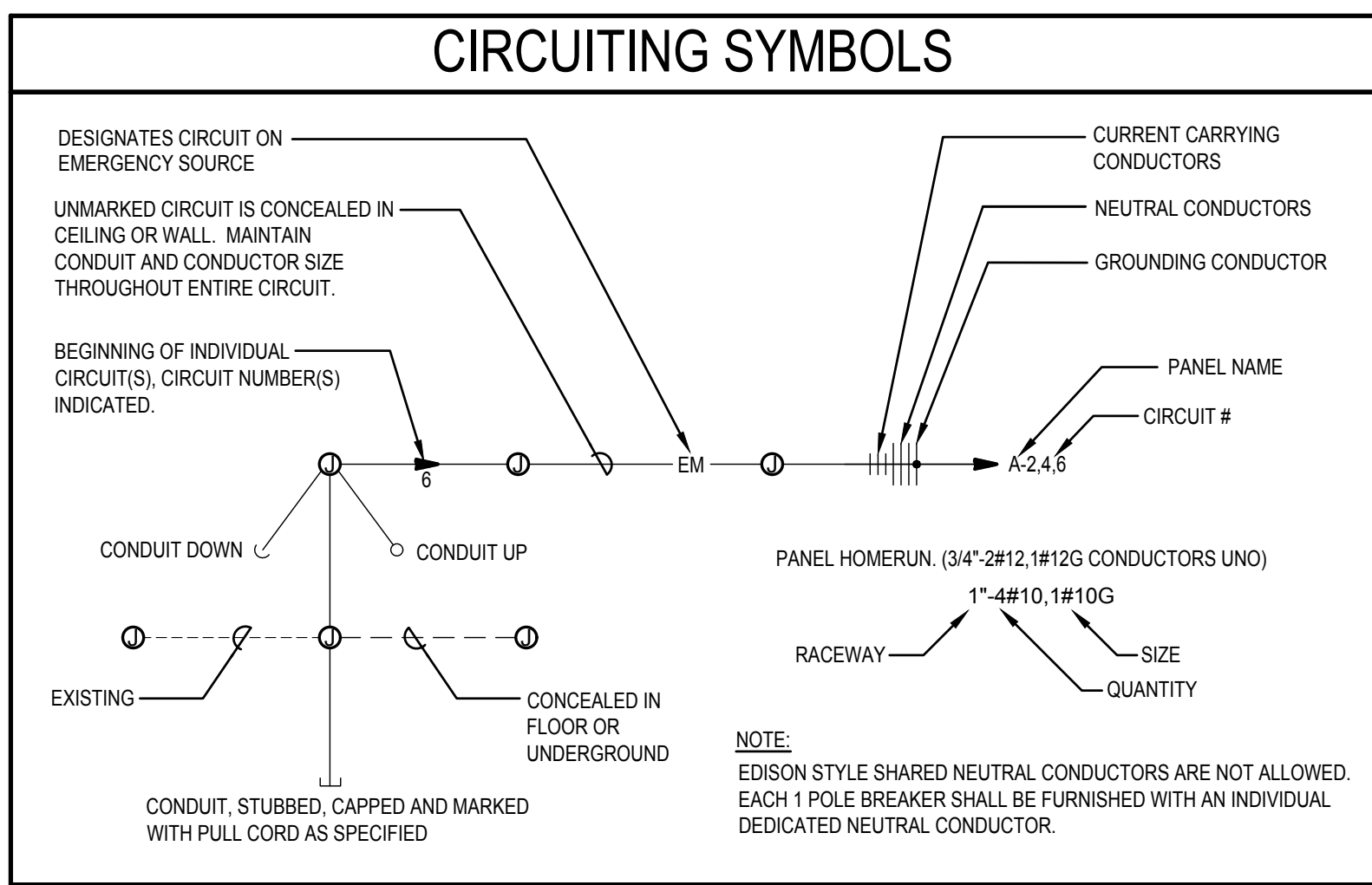
	JUNCTION BOX FOR FUTURE TELEPHONE/DATA OUTLET. MOUNT AT 18" A.F.F. UNO. PROVIDE SINGLE-GANG MUD RING WITH BLANK COVER PLATE. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE.
	TELEPHONE/DATA OUTLET. MOUNT AT 18" A.F.F. UNO. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING. INSTALL QUANTITY OF DATA (W) AND TELEPHONE (W) CABLES INDICATED TO THE NEAREST DATA RACK. PROVIDE (2) DATA CABLES IF A CABLE QUANTITY IS NOT INDICATED.
	FLOOR MOUNTED BOX FOR FUTURE TELEPHONE/DATA OUTLET. JUNCTION BOX WITH SINGLE-GANG MUD RING. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE BLANK COVER PLATE.
	FLOOR MOUNTED TELEPHONE/DATA OUTLET. PROVIDE 1" CONDUIT TO NEAREST ACCESSIBLE CEILING. INSTALL QUANTITY OF DATA (W) AND TELEPHONE (W) CABLES INDICATED TO THE NEAREST DATA RACK. PROVIDE (2) DATA CABLES IF A CABLE QUANTITY IS NOT INDICATED.
	CEILING MOUNTED SPEAKER WITH BACKBOX
	WALL MOUNTED SPEAKER, WITH BACKBOX +80" UNO
	VOLUME CONTROL, +48" UNO
	TELEVISION OUTLET, +18" AFF UNO. PROVIDE 1-1/4" CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE
	CEILING MOUNTED TELEVISION OUTLET
	TELEPHONE TERMINAL BOARD
	CABLE TRAY, 4" DEEP, WIRE BASKET STYLE, "XX" INDICATES WIDTH PROVIDE ALL FITTINGS AND SUPPORT HARDWARE REQUIRED

ELECTRICAL ABBREVIATIONS

A	AMPERES
AC	6" ABOVE BACKSPLASH
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AF	AMP FRAME
AIC	AMPS INTERRUPTING CAPACITY
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BD	BOTTOM OF DECK
BS	BOTTOM OF STRUCTURE
C	CEILING MOUNTED
CONJ	CONJUNCTION
CB	CIRCUIT BREAKER
CF	COMPACT FLUORESCENT
CKT	CIRCUIT
CO	CONDUIT ONLY, PROVIDE PULL-LINE
CT	CURRENT TRANSFORMER
CTL	CONTROL
DC	DIRECT CURRENT
ID	DEMOLITION
DEM	DEMOLITION
DET	DETAIL
DTT	DOUBLE TWIN TUBE
E	EMERGENCY
(E)	EXISTING
EC	ELECTRICAL CONTRACTOR
EL	EMERGENCY LIGHT
F	FUSE
(F)	FUTURE
FACP	FIRE ALARM CONTROL PANEL
GFND	GROUND
GFPI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
HH	HAND HOLE
HID	HIGH INTENSITY DISCHARGE
HIA	HAND-OFF-AUTO
HPS	HIGH PRESSURE SODIUM
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
IG	ISOLATED GROUND
IPCO	IDAHO POWER COMPANY
J-BOX	JUNCTION BOX
KA	KILOAMP
KVA	KILO VOLT-AMP
KW	KILOWATT
KWH	KILOWATT HOUR
LCP	LIGHTING CONTROL PANEL
MB	MAIN BREAKER
MBR	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MD	MAIN DISTRIBUTION
MMC	MODULAR METERING CENTER
MT	MAIN TIE
MSB	MAIN SWITCH BOARD
MTG	MOUNTING
(N)	NEUTRAL
NEW	NEW
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OH	OVERHEAD
OS	OCCUPANCY SENSOR
P	POLES
PC	PHOTO-CONTROL
PVC	POLYVINYL CHLORIDE
PWR	POWER
RE	REFERENCE
REC	RECEPTACLE
(R)	RELOCATED
SF	SQUARE FEET
TBD	TO BE DETERMINED
TDR	TIME DELAY RELAY
TK	TOE KICK
TSP	TWISTED SHIELDED PAIR
TTT	TRIPLE TUBE
TTB	TELEPHONE TERMINAL BOARD
(TYP.)	TYPICAL
UC	UNDERCABINET
US	UNDERGROUND
U.N.O.	UNLESS NOTED OTHERWISE
V	VOLT
VA	VOLT-AMPERE
W	WATT
WG	WIRE GUARD
WP	WEATHER PROOF/NEMA 3R
PROVIDED/	PROVIDE AND INSTALL / PROVIDED AND
PROVIDE BY	INSTALLED BY / PROVIDED AND INSTALL
INSTALL/	INSTALL
NOTE: THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL ABBREVIATIONS. SOME OF THE ABBREVIATIONS SHOWN ABOVE MAY NOT BE USED IN THIS DRAWING PACKAGE.	

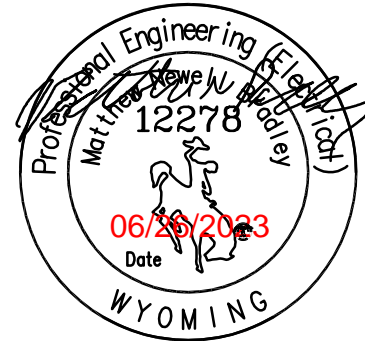
ELECTRICAL SPECIFICATIONS

- 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.
- 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.
- C. CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF AS-BUILT DRAWINGS. AS-BUILT SET OF DRAWINGS SHALL BE UPDATED DAILY 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.
- D. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION.
- 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.
- F. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
- G. COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL ELECTRICAL EQUIPMENT AND DEVICES WITH THE ARCHITECTURAL ELEVATIONS AND DETAILS PRIOR TO ROUGH-IN.
- 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.
- 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 OSHA.
- J. ALL ELECTRICAL DEVICES AND TERMINALS SHALL BE RATED 75°C MINIMUM.
- K. ALL CONDUCTORS SHALL BE STRANDED COPPER, 600 VOLT RATED. INSULATION TYPE SHALL BE THHN/TWN, FULLY COLOR CODED WITH GAUGE. TYPE AND MANUFACTURER MARKED EVERY 24" ALONG. CONDUCTOR COLOR CODE SHALL BE AS FOLLOWS:
- | 28BY120 VOLT SYSTEM | 480Y277 VOLT SYSTEM |
|---------------------|---------------------|
| PHASE A - BLACK | PHASE A - BROWN |
| PHASE B - RED | PHASE B - ORANGE |
| PHASE C - BLUE | PHASE C - YELLOW |
| NEUTRAL - WHITE | NEUTRAL - GRAY |
| GROUND - GREEN | GROUND - GREEN |
- 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.
- M. EMT OR MC TYPE CABLE IS ALLOWED WHEN CONCEALED IN INTERIOR SPACES. MC TYPE CABLE IS NOT ALLOWED FOR HOMERUNS.
- N. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.
- O. ALL EQUIPMENT, SWITCHING DEVICES AND PANELS SHALL BE MOUNTED SO AS TO BE ACCESSIBLE AND SHALL BE MOUNTED PLUMB AND SQUARE WITH WALLS.
- 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.
- Q. FURNISH AND INSTALL PULL CORD IN ALL EMPTY CONDUITS.
- 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 NEATLY HANDWRITTEN ON THE OUTSIDE SURFACE OF THE COVER WITH A PERMANENT STYLE MARKER.
- S. CLEARLY LABEL ALL ACCESSIBLE CONDUIT STUBS WITH SYSTEM NAME AND LOCATION (ROOM NUMBER) WHERE THE OTHER END OF THE CONDUIT TERMINATES. USE INDELEIBLE INK. THE LABELS SHALL BE LOCATED ON THE CONDUIT IN A POSITION THAT CAN BE EASILY READ.
- T. ALL 1 POLE BREAKER CIRCUITS SHALL HAVE AN INDEPENDENT NEUTRAL CONDUCTOR. NO EDISON STYLE SHARED NEUTRAL CONDUCTORS ARE ALLOWED.
- U. ALL CONDUCTORS IN ELECTRICAL PANELS, CABINETS AND EQUIPMENT SHALL BE NEATLY TRAINED AND LACED.
- V. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS. DIRECTORIES SHALL BE TYPED.
- W. PROVIDE ELECTRICAL SUBMITTALS FOR EQUIPMENT SHOWN AS REQUIRED BY DIVISION 1 SPECIFICATIONS.
- 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.
- 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.



SECURITY

	CCTV CAMERA POWER SUPPLY
	CCTV SYSTEM POWER SUPPLY
	ADJUSTABLE CAMERA (PAN/TILT/ZOOM)
	FIXED CAMERA
	CAMERA IN OUTDOOR HOUSING
	ADJUSTABLE CAMERA (PAN/TILT/ZOOM) IN OUTDOOR HOUSING
	CCTV OUTLET, +18" UNO
	CEILING MOUNTED CCTV OUTLET
	SECURITY SYSTEM KEYPAD CONTROLLER COORDINATE BOX SIZE AND MOUNTING WITH VENDOR
	CARD READER
	CEILING MOUNTED MOTION SENSOR
	WALL MOUNTED MOTION SENSOR, MOUNTING HEIGHT INDICATED
	PANIC BUTTON - MOUNTED UNDER COUNTER
NOTE: THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL SYMBOLS. SOME OF THE SYMBOLS SHOWN MAY NOT HAVE BEEN USED IN THIS DRAWING PACKAGE.	



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
Musgrove Engineering
645 West 25th Street
Idaho Falls, Idaho 83402
208.523.2862
allenh@musgrovepa.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	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 Watt. (C X D)	E
Gymnasium (7054 sq.ft.)	1	53	69	3657
LED: A1: LED Panel 70W:	1	10	16	160
LED: B1: LED Linear 17W:	1	9	25	225
LED: B2: LED Panel 33W:	1	5	40	200
LED: B3: LED Panel 40W:	1	2	49	98
LED: B4: LED Panel 54W:	1	14	19	266
LED: D1: LED Panel 33W:	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 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 Allen Halversen 06/26/23

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 (LZ2))

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

Owner/Agent:

Designer/Contractor: Allen Halversen
Musgrove Engineering
645 West 25th Street
Idaho Falls, Idaho 83402
208.523.2862
allenh@musgrovepa.com

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable 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
Total Allowed Supplemental Watts (b) =				400

(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 Watt. (C X D)	E
Exterior Door (Pedestrian and vehicular entrances and exits, 6 ft of door width): Tradable Wattage	1	2	18	36
LED: X1E: LED Panel 19W:	1	2	18	36
Total Tradable Proposed Watts =				36

Exterior Lighting PASSES

Exterior Lighting Compliance Statement

Compliance 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 Allen Halversen 06/26/23

Project Title: The Athletic Club At Jackson Hole

Report date: 06/26/23

Data filename: Page 2 of 6

Jackson, WY

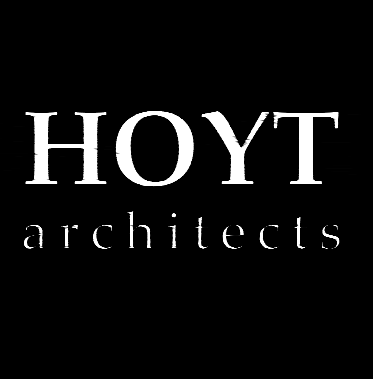
The Athletic Club at Jackson Hole

Jackson, WY

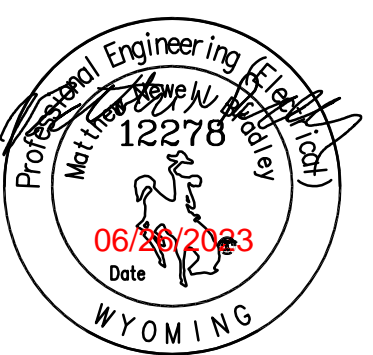
The Athletic Club at Jackson Hole

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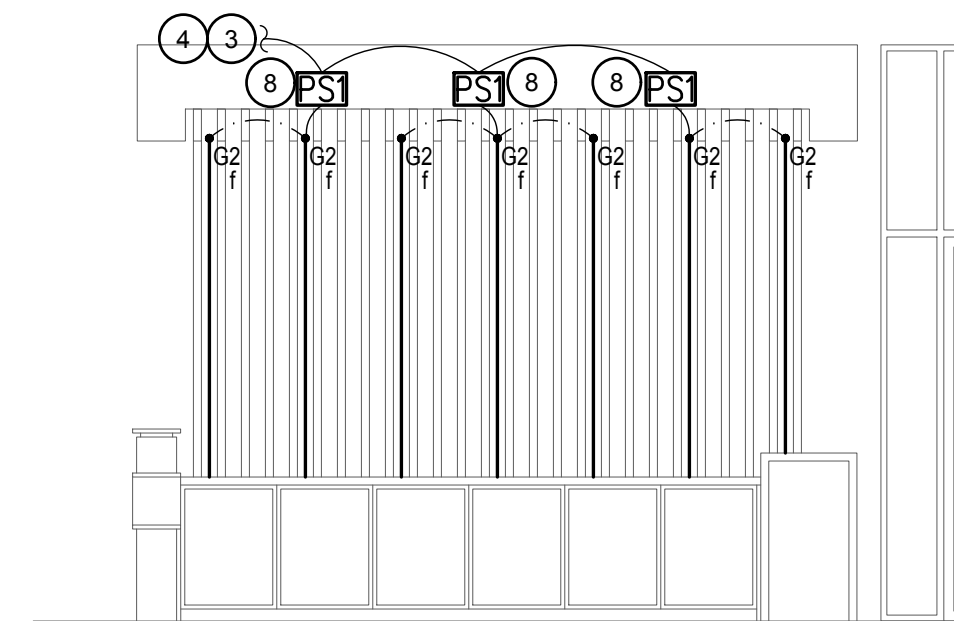


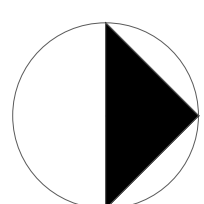
Jackson Wyoming
oytarchitects.design
307.733.9955



⑧ SYMBOL USED FOR NOTE CALLOUT.

1. NOTED FIXTURE TO BE INSTALLED VIA AIRCRAFT CABLE FROM CEILING STRINGER AT A HEIGHT OF 132" ABOVE FINISHED FLOOR.
2. ELECTRICAL CONTRACTOR TO DAISY CHAIN CATSE CABLE FROM ALL NIGHT ENLARGED EGRESS AND NIGHT LIGHTING CONTROL PANEL. SEE SHEET E600 FOR MORE INFORMATION.
3. CIRCUIT TO BE CONNECTED TO LIGHTING CONTROL PANEL. SEE SHEET E600 FOR MORE INFORMATION.
4. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL 0-6 COMMANDING WIRES FROM DANNING SWITCH TO LIGHTING CONTROL PANEL TO ALL NIGHT FIXTURES IN THIS LIGHTING ZONE.
5. NOTED OVERTURE SWITCH TO BE PROGRAMMED TO TURN LIGHTS ON OR OFF AFTER 10:00 HOURS AND UNLASED DURING BUSINESS HOURS. VERIFY CONTROL PROGRAMMING WITH OWNER.
6. INSTALL HIGH HUMIDITY DATA TECHNOLOGY CEILING MOUNT SMALL MOTION OCCUPANCY SENSORS TO BE CONNECT WITH LOW VOLTAGE CABLE AS RECOMMENDED BY THE MANUFACTURER. SEE SHEET E600 FOR MORE INFORMATION.
7. NOTED FIXTURE TO BE INSTALLED AT A HEIGHT OF 108" ABOVE THE MAXIMUM VOLUME AND POWERED BY A GFCI PROTECTED CIRCUIT PER NEC 480.3(B)(1).
8. SEE FIXTURE SCHEDULE FOR LOW VOLTAGE LIGHTING POWER SUPPLY INFORMATION.
9. CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT.
10. ELECTRICAL EQUIPMENT IN THIS ROOM TO BE RATED NEMA 4X FOR HUMID CORROSIVE ENVIRONMENT.
11. ALL ELECTRICAL EQUIPMENT IN THIS ROOM TO COMPLY WITH SECTIONS (880.40 - 880.49).
12. POWER FOR EXTERIOR SIGNAGE. ELECTRICAL CONTRACTOR TO VERIFY HEIGHT AND LOCATION OF JUNCTION BOX PRIOR TO INSTALLATION.
13. ELECTRICAL CONTRACTOR TO COORDINATE HEIGHT AND LOCATION OF JUNCTION BOX FOR MOUNTING WITH MECHANICAL DOCUMENTATION PRIOR TO INSTALLATION.
14. ELECTRICAL CONTRACTOR TO VERIFY THAT NO EXTERIOR EMERGENCY FIXTURE IS CURRENTLY INSTALLED BEFORE ORDERING AND INSTALLING NEW EXTERIOR EMERGENCY FIXTURE SHOWN ON PLANS.


$$1/4"=1'-0"$$

$$1/4" = 1'-0"$$


Jackson, WY

The Athletic Club at Jackson Hole

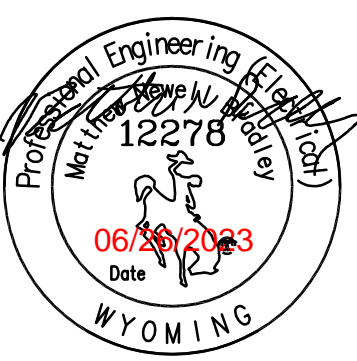
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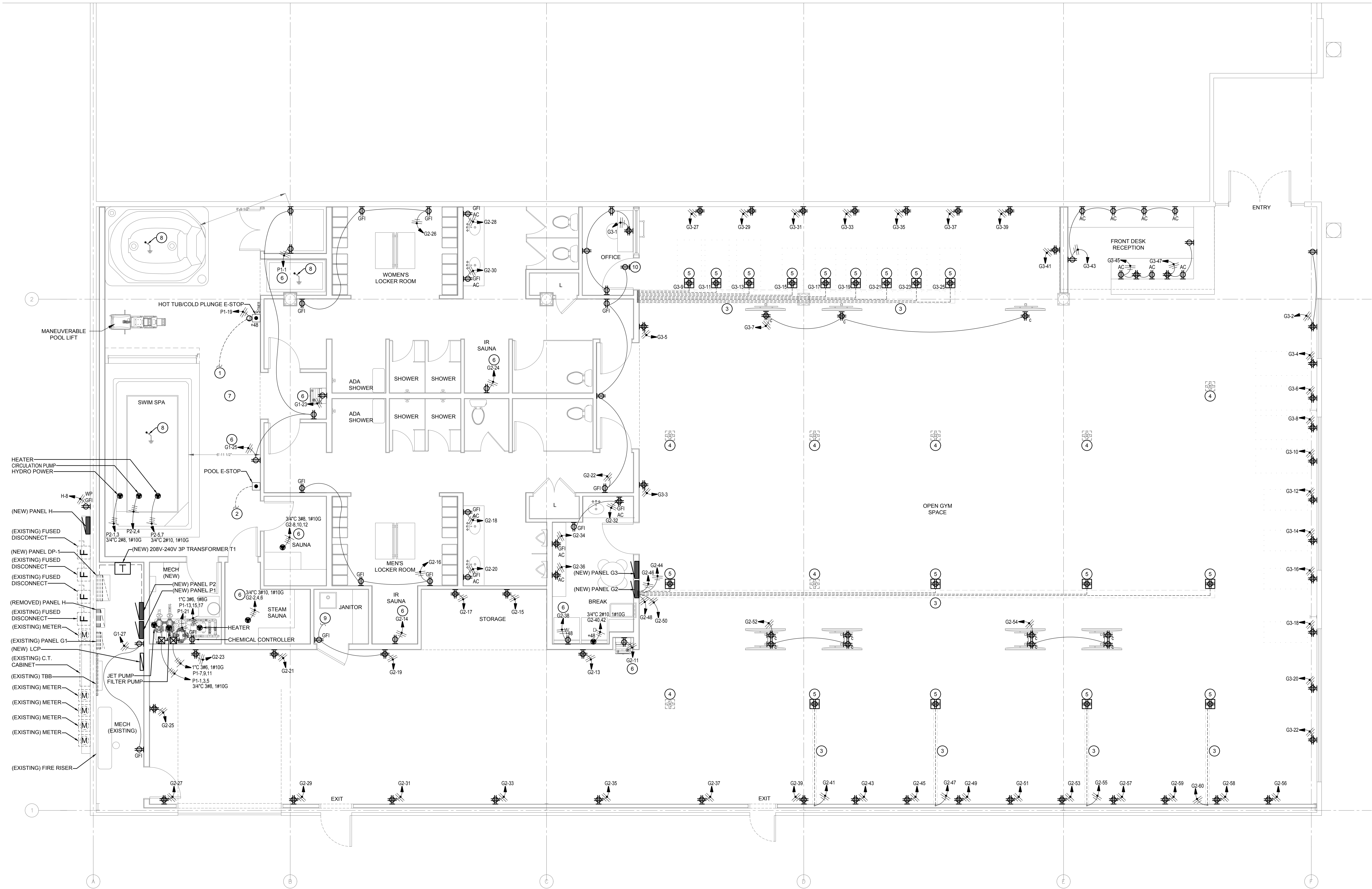
LIGHTING PLAN

E100



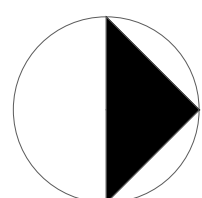
KEYED NOTES:

1. 3/4"Ø FROM EMERGENCY STOP BUTTON TO PANEL P1 SHUNT TRIP BREAKER FOR CONTROLS.
2. 3/4"Ø FROM EMERGENCY STOP BUTTON TO PANEL P2 SHUNT TRIP BREAKER FOR CONTROLS.
3. GENERAL CONTRACTOR TO SAW CUT EXISTING CONCRETE FOR NEW POWER AND DATA CONDUITS, CONDUCTOR, AND FLOOR BOXES.
4. APPROXIMATE LOCATION OF EXISTING POWER FLOOR BOX. ELECTRICAL CONTRACTOR TO FIELD VERIFY FLOOR BOX CIRCUIT. IF NO CIRCUIT IS PRESENT, ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW HOME RUN BACK TO PANEL G3.
5. APPROXIMATE LOCATION OF NEW POWER/DATA FLOOR BOX. VERIFY LOCATION WITH GYM EQUIPMENT REPRESENTATIVE AND OWNER PRIOR TO INSTALLATION. SEE SHEET E600 FOR FLOOR BOX ROUGH-IN DETAIL.
6. NOTED CIRCUIT TO BE CONNECTED TO GFCI BREAKER.
7. ALL ELECTRICAL EQUIPMENT IN THIS ROOM TO COMPLY WITH NEC SECTIONS (680.40 - 680.49).
8. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL 186 AWG COPPER BONDING CONDUCTOR PER NEC 680.43 (E).
9. TO TRAP PRIMER, SEE SHEET E300 FOR MORE INFORMATION.
10. NOTED CONVENIENCE RECEPTACLE TO BE LOCATED IN LOFT AREA NOT SHOWN.



POWER PLAN

1/4"=1'-0"



Jackson, WY
The Athletic Club at Jackson Hole

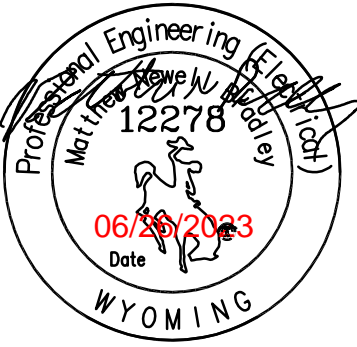
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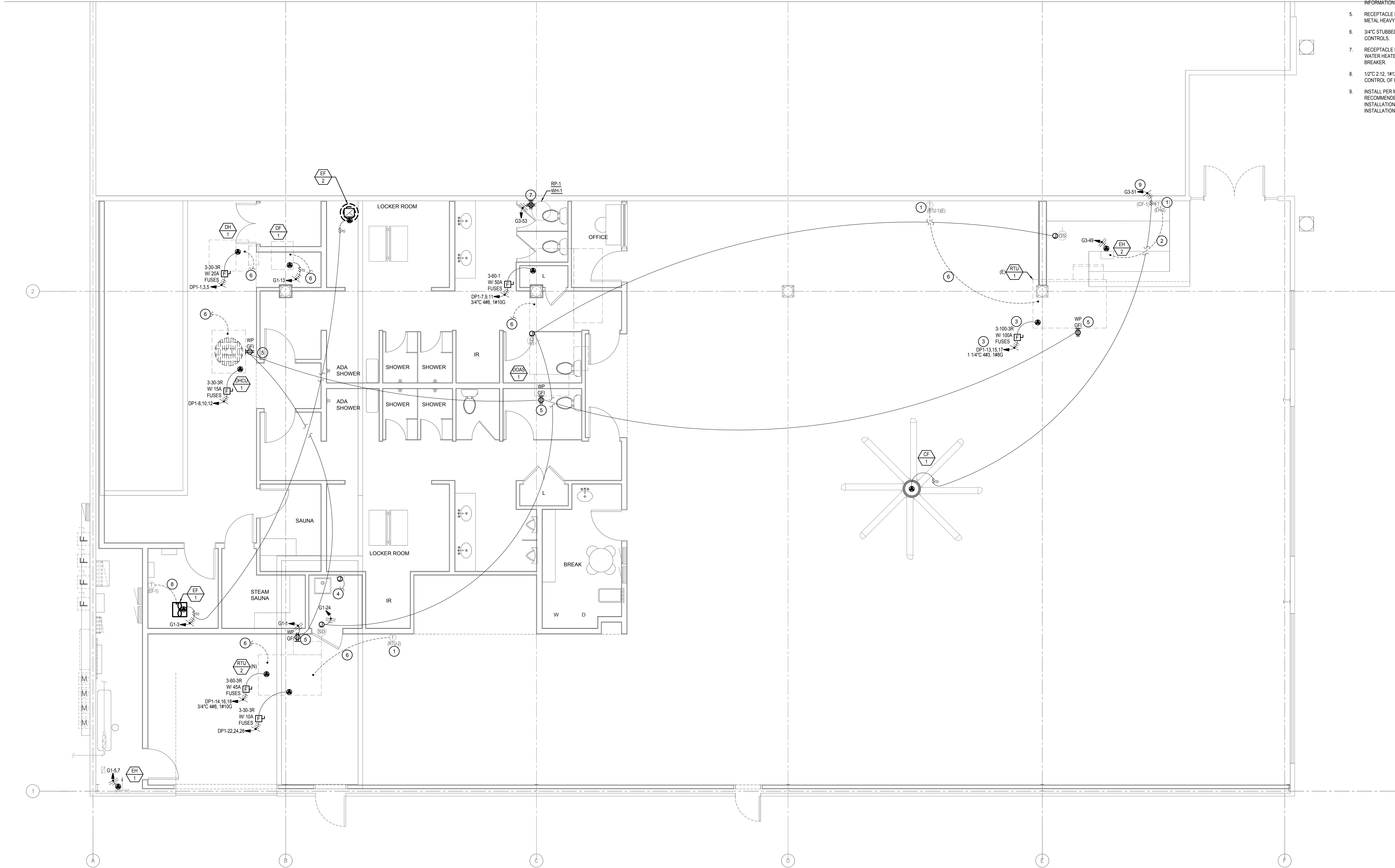
POWER PLAN

E200



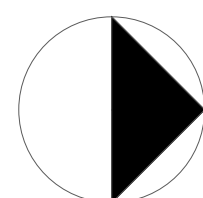
KEYED NOTES:

1. SEE SHEET E600 FOR THERMOSTAT ROUGH-IN DETAIL.
2. 34°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. 34°C STUBBED INTO BUILDING FOR CONTROLS.
7. RECEPTACLE LOCATED ON MEZZANINE FOR WATER HEATER. PROTECTED BY GFCI BREAKER.
8. 1/2" 2-12, 1#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

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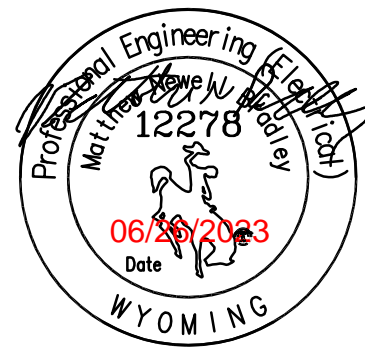
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MECHANICAL POWER PL/

E300

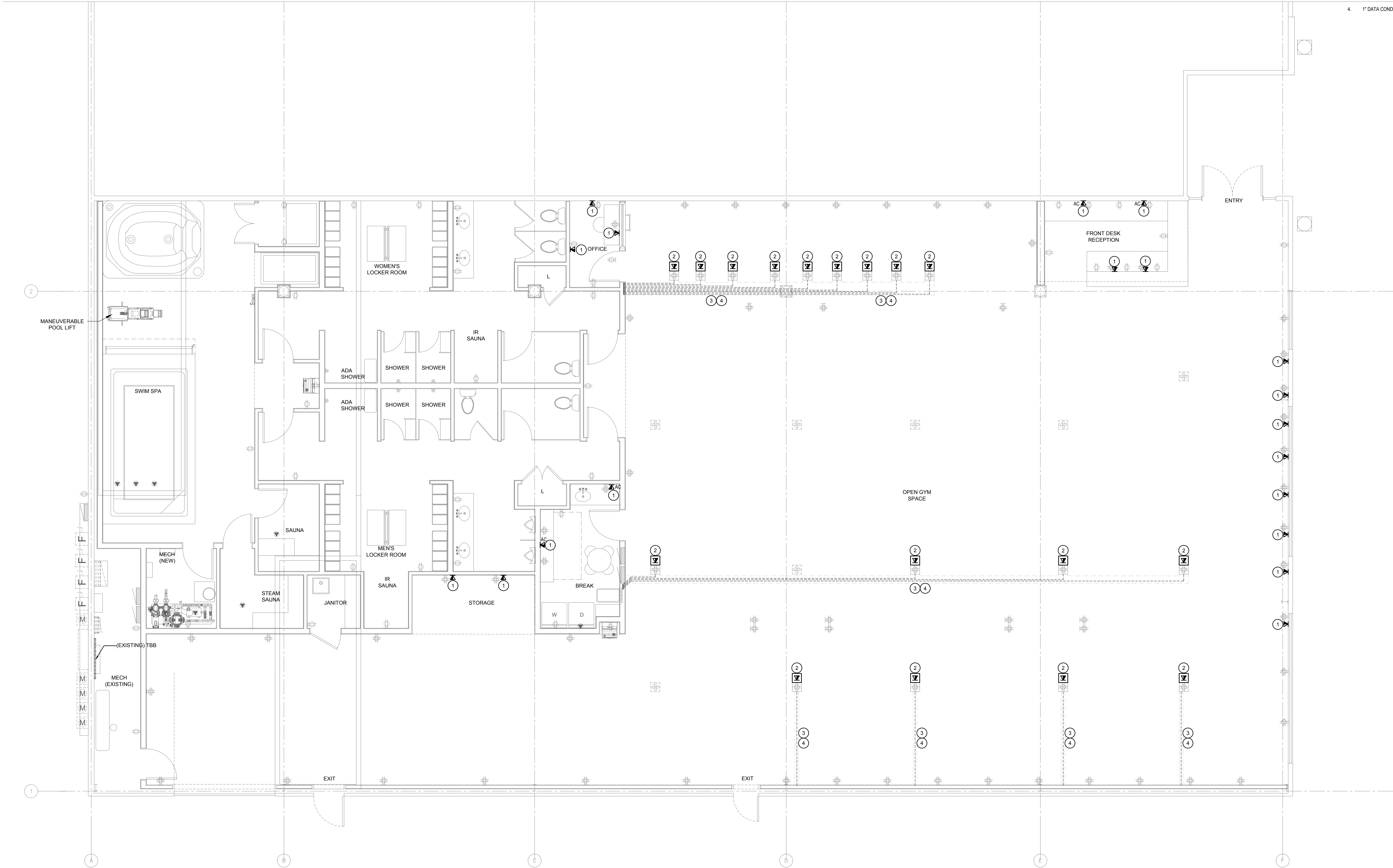


Jackson Wyoming
hoytarchitects design
307.733.9955



KEYED NOTES:

1. SEE SHEET E600 FOR DATA/COMM
ROUGH-IN DETAIL.
2. APPROXIMATE LOCATION OF NEW
POWER/DATA FLOOR BOX. VERIFY
LOCATION WITH GYM EQUIPMENT
REPRESENTATIVE AND OWNER 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 CONDUITS, CONDUCTOR, AND
FLOOR BOXES.
4. 1" DATA CONDUIT.



SPECIAL SYSTEMS PLAN
1/4"=1'-0"

Jackson, WY
The Athletic Club at Jackson Hole

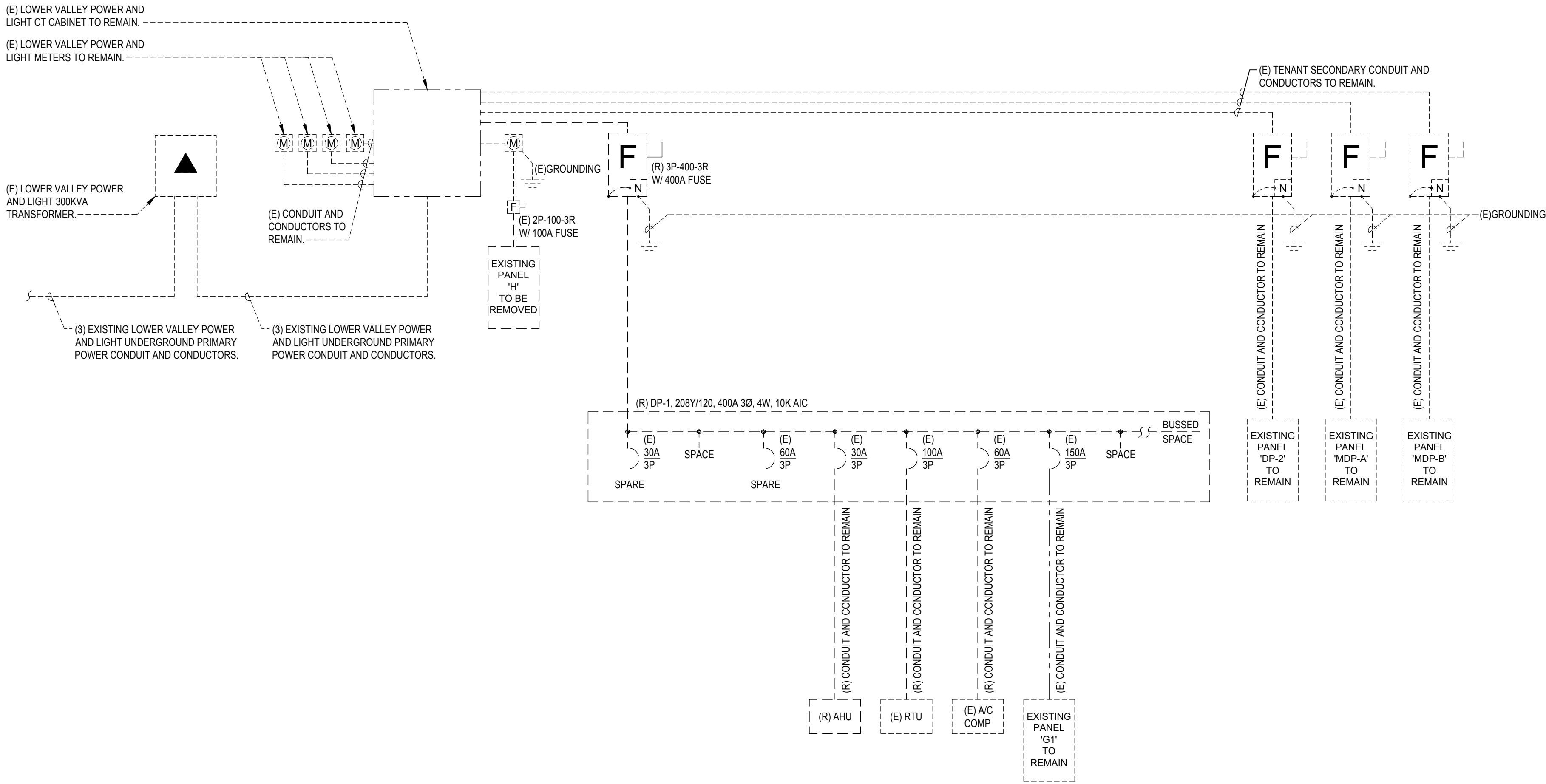
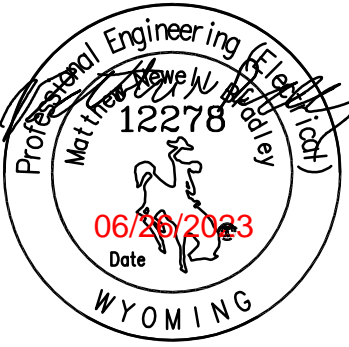
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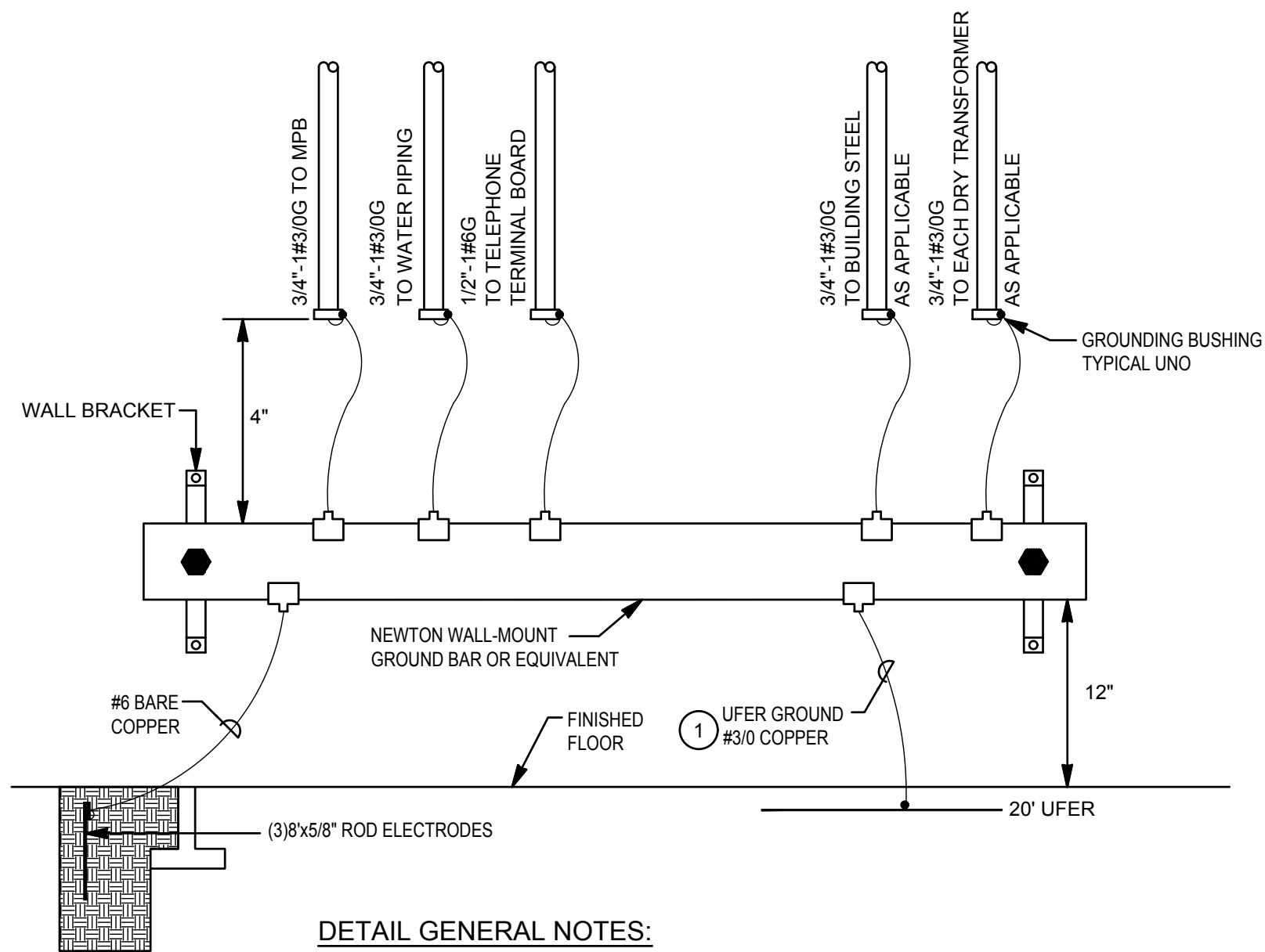
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SPECIAL SYSTEMS PLAN

E400



EXISTING SINGLE-LINE
NTS



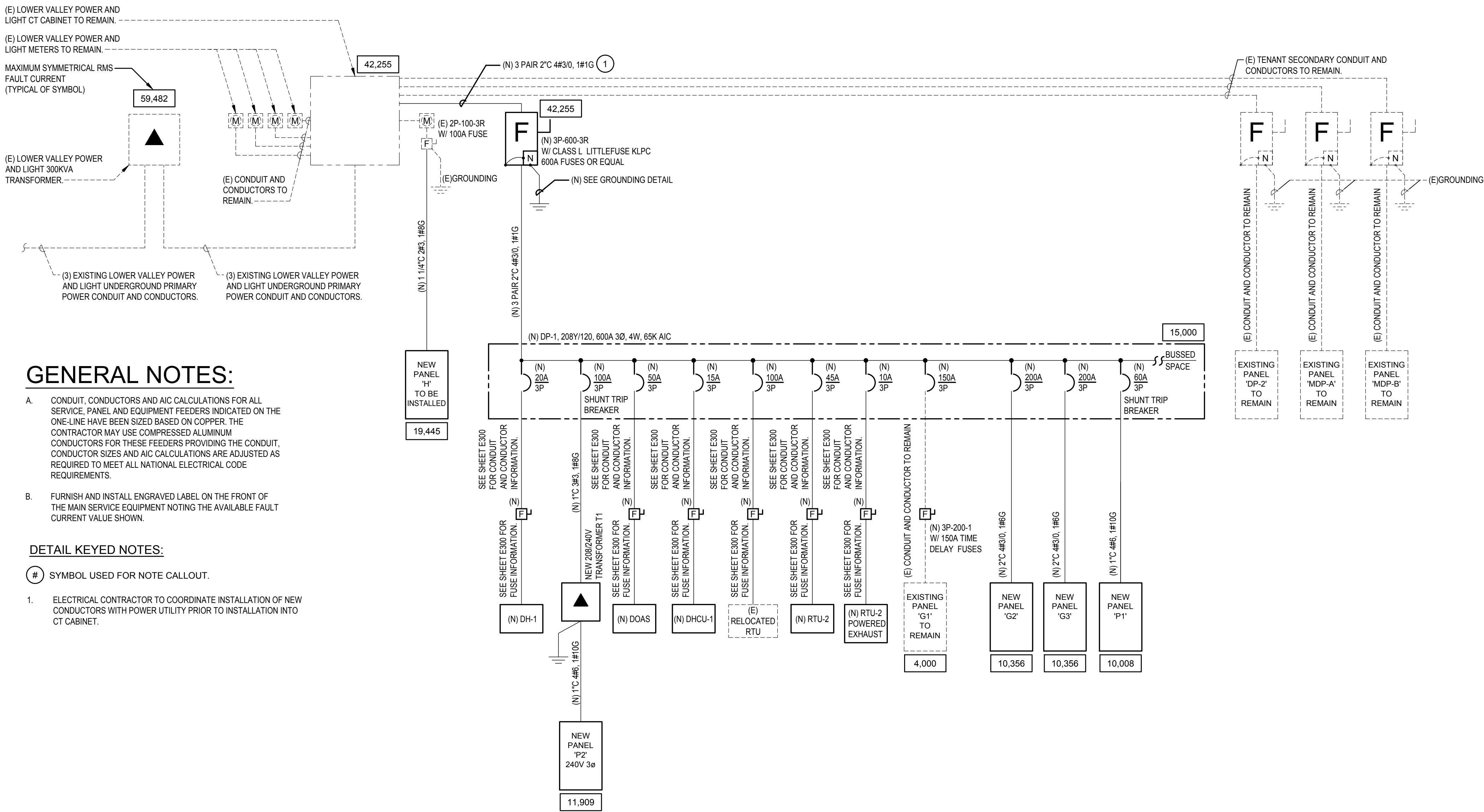
DETAIL GENERAL NOTES:

- A. ALL CONDUCTORS SHALL BE IN EMT CONDUIT UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL HAVE A GROUNDING BUSHING AT EACH END.
- B. ALL CONNECTIONS SHALL BE EXOTHERMIC WELD, LISTED PRESSURE CONNECTORS, LISTED CLAMPS OR OTHER LISTED MEANS.
- C. PROVIDE BONDING OF GAS PIPING PER NEC 250.104(B)(1).

DETAIL KEYED NOTES:

- Ⓟ SYMBOL USED FOR NOTE CALLOUT.

1. UFER GROUND TO BE 20' OF #30 AWG COPPER OR 1/2" MINIMUM DIAMETER STEEL REINFORCING BAR PER 250.52.



GENERAL NOTES:

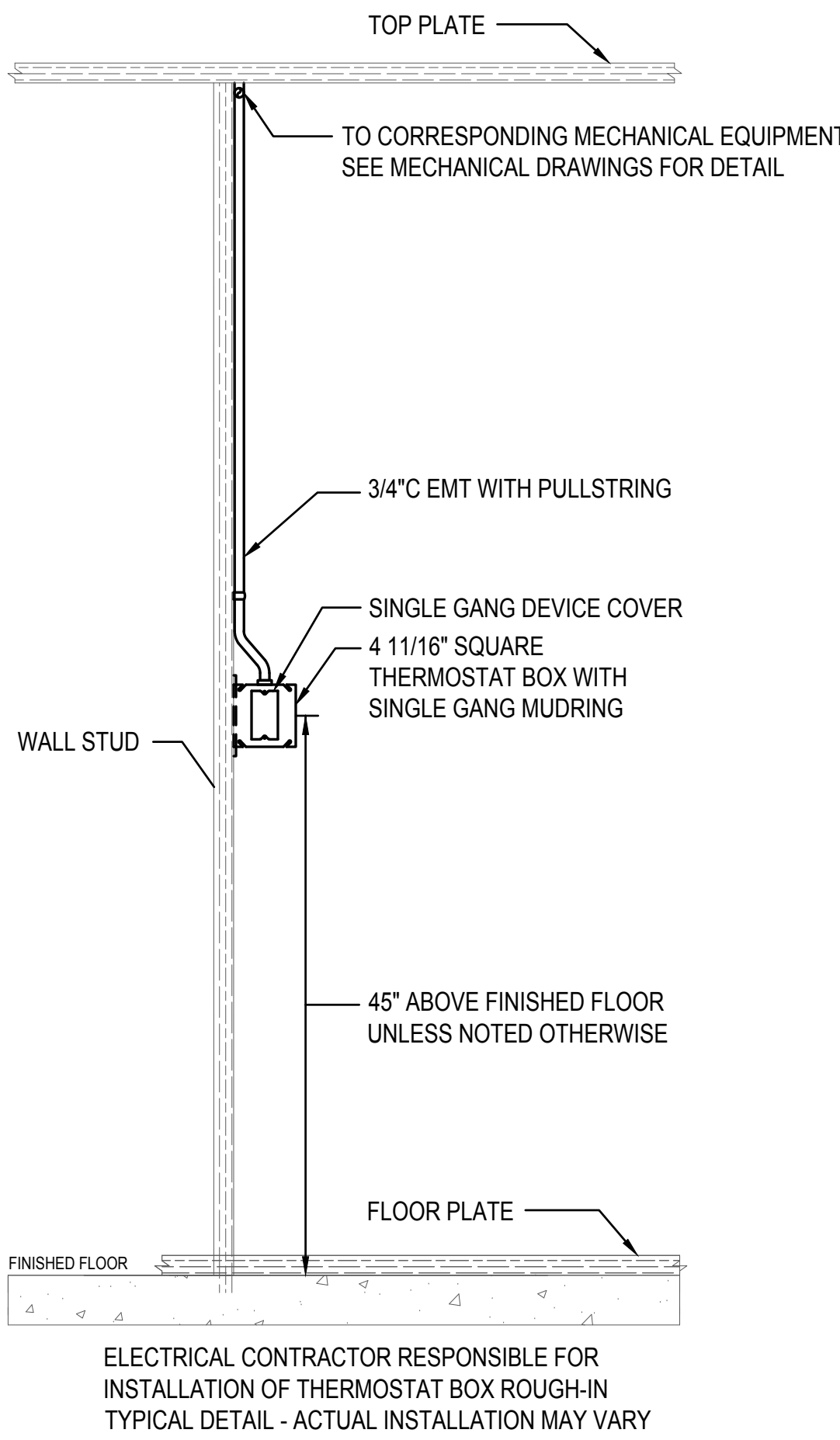
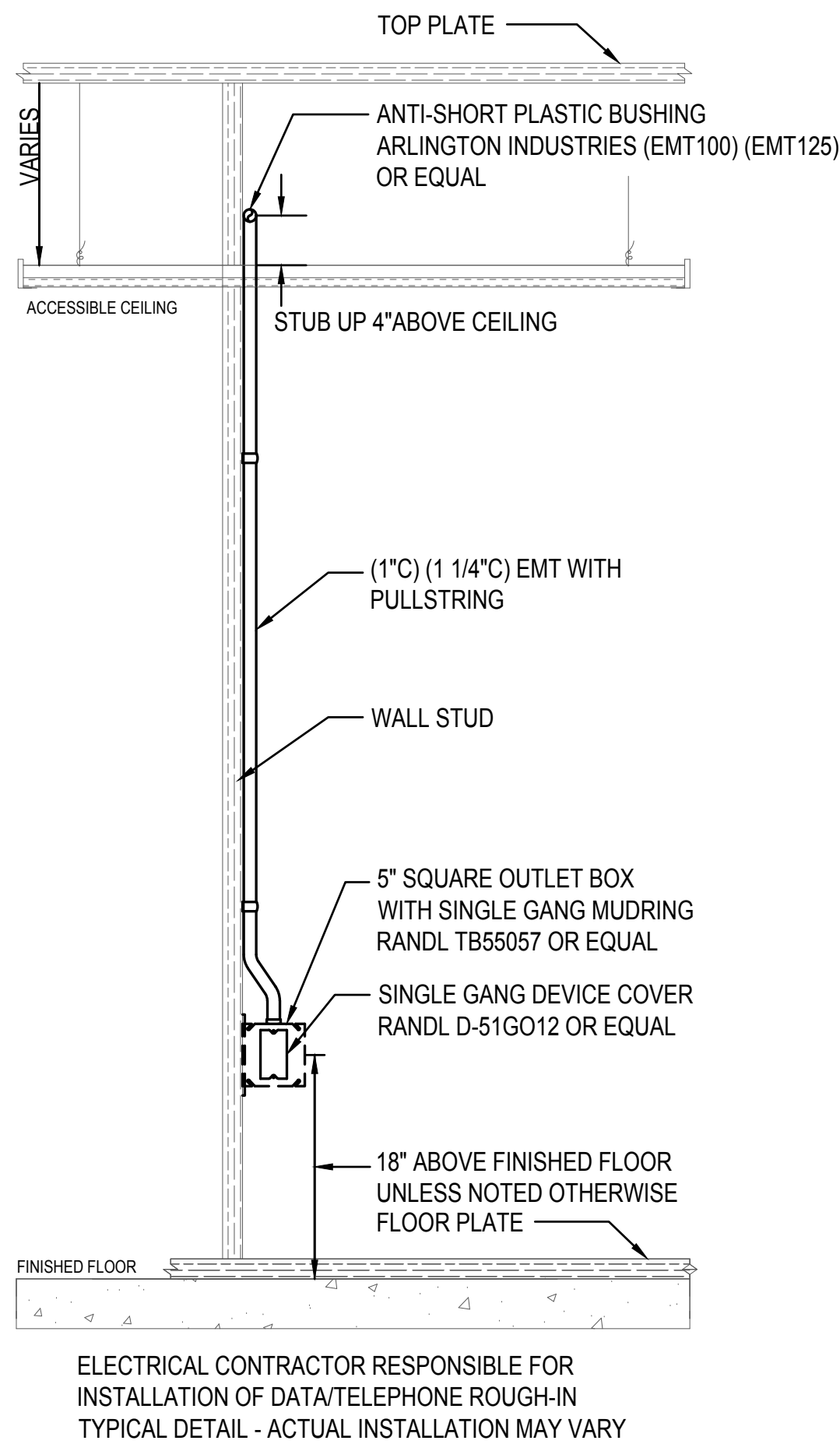
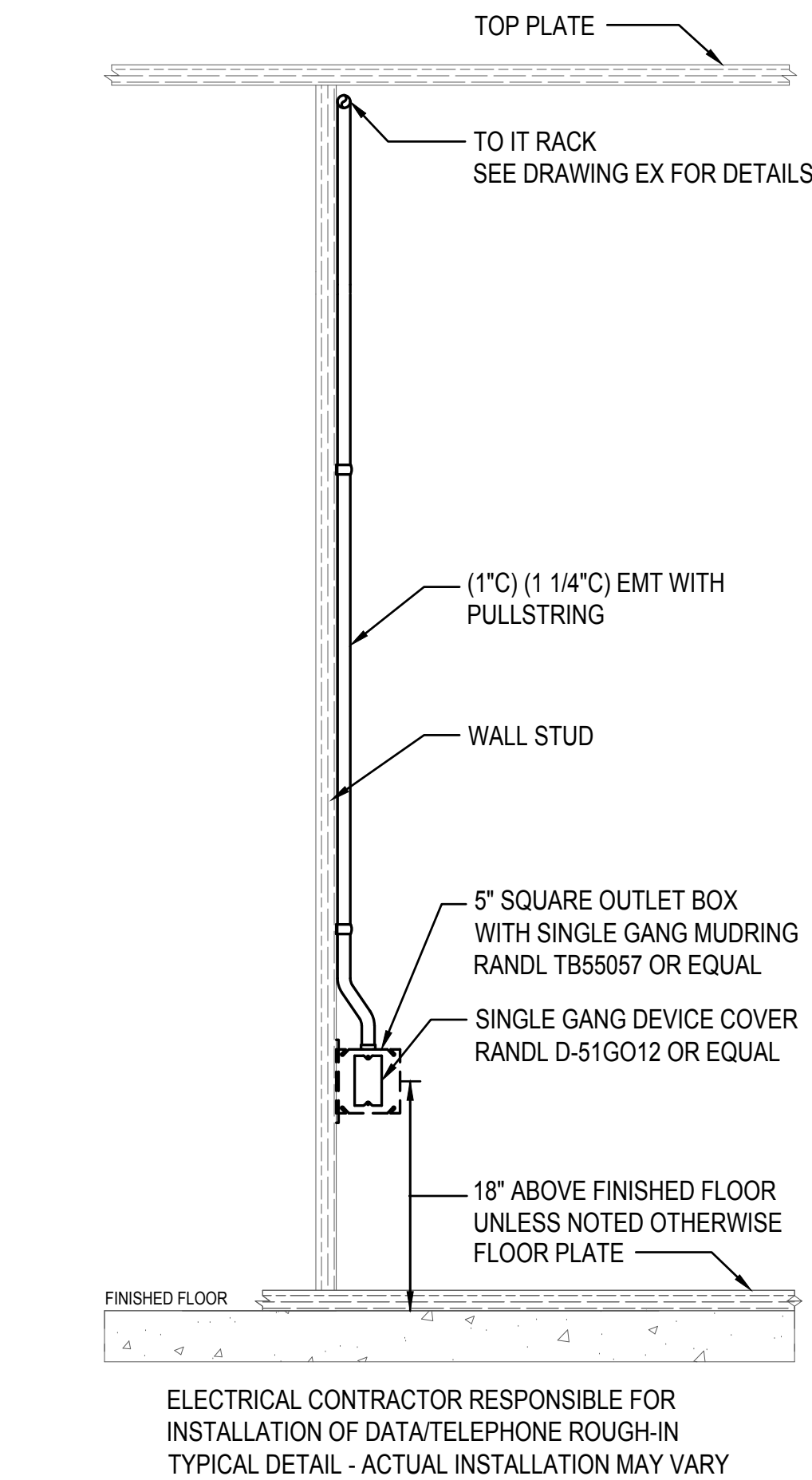
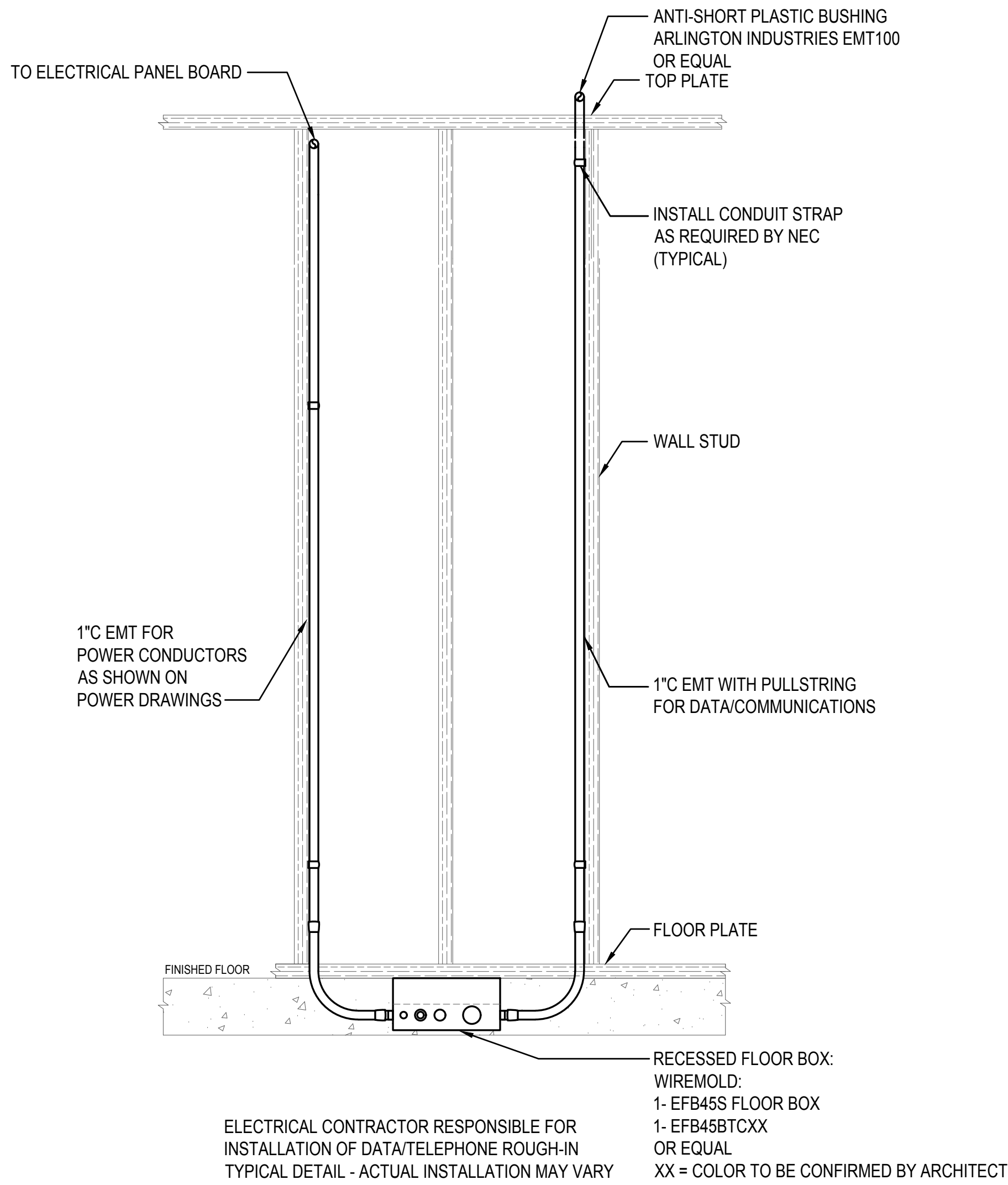
- A. CONDUIT, CONDUCTORS AND A/C CALCULATIONS FOR ALL SERVICE, PANEL AND EQUIPMENT FEEDERS INDICATED ON THE ONE-LINE HAVE BEEN SIZED BASED ON COPPER. THE CONTRACTOR MAY USE COMPRESSED ALUMINUM CONDUCTORS FOR THESE FEEDERS PROVIDING THE CONDUIT, CONDUCTOR SIZES AND A/C CALCULATIONS ARE ADJUSTED AS REQUIRED TO MEET ALL NATIONAL ELECTRICAL CODE REQUIREMENTS.
- B. FURNISH AND INSTALL ENGRAVED LABEL ON THE FRONT OF THE MAIN SERVICE EQUIPMENT NOTING THE AVAILABLE FAULT CURRENT VALUE SHOWN.

DETAIL KEYED NOTES:

- Ⓢ SYMBOL USED FOR NOTE CALLOUT.

1. ELECTRICAL CONTRACTOR TO COORDINATE INSTALLATION OF NEW CONDUCTORS WITH POWER UTILITY PRIOR TO INSTALLATION INTO CT CABINET.

REWORKED SINGLE-LINE
NTS



POWER/DATA FLOOR BOX ROUGH-IN DETAIL

 1" = 1'-0"

DATA/TELEPHONE ROUGH-IN DETAIL

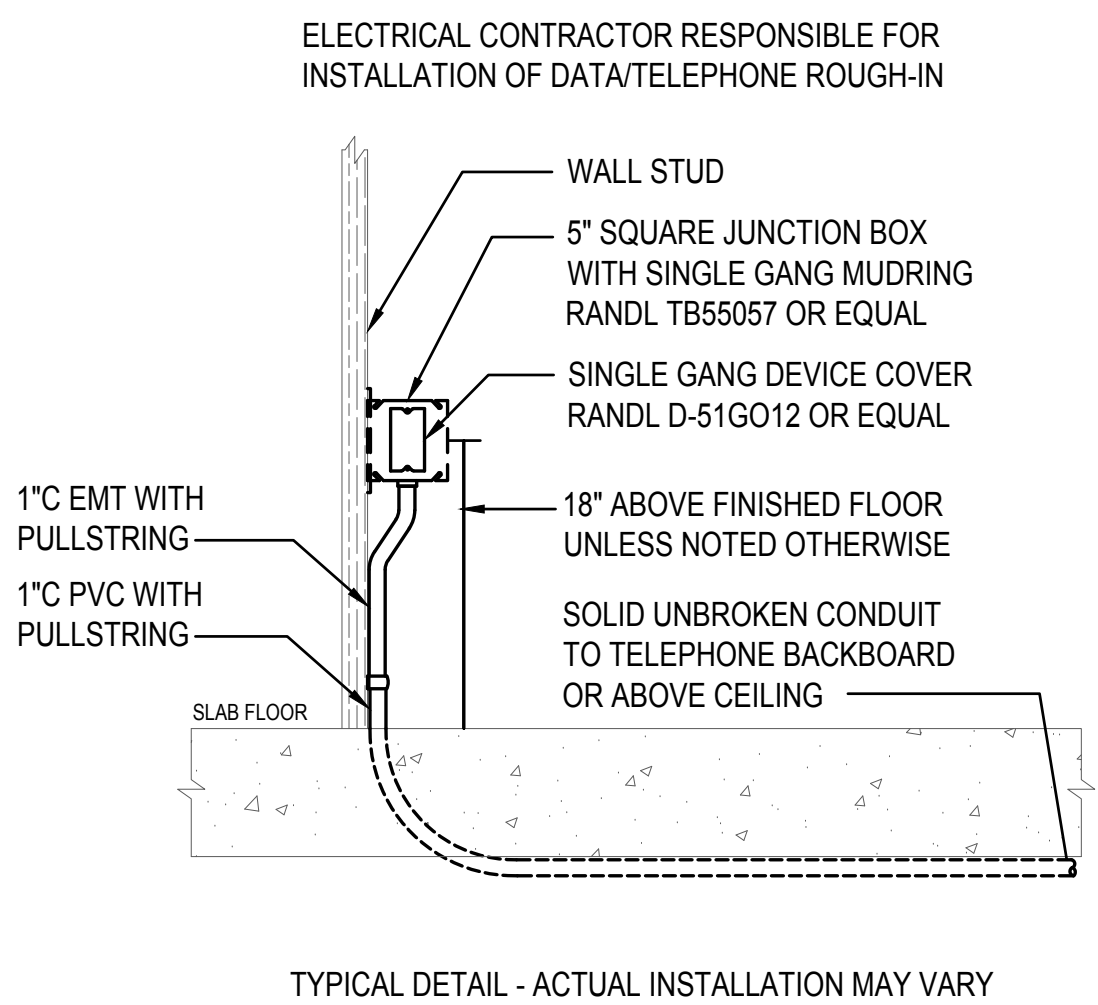
 1" = 1'-0"

DATA/TELEPHONE ROUGH-IN DETAIL

 1" = 1'-0"

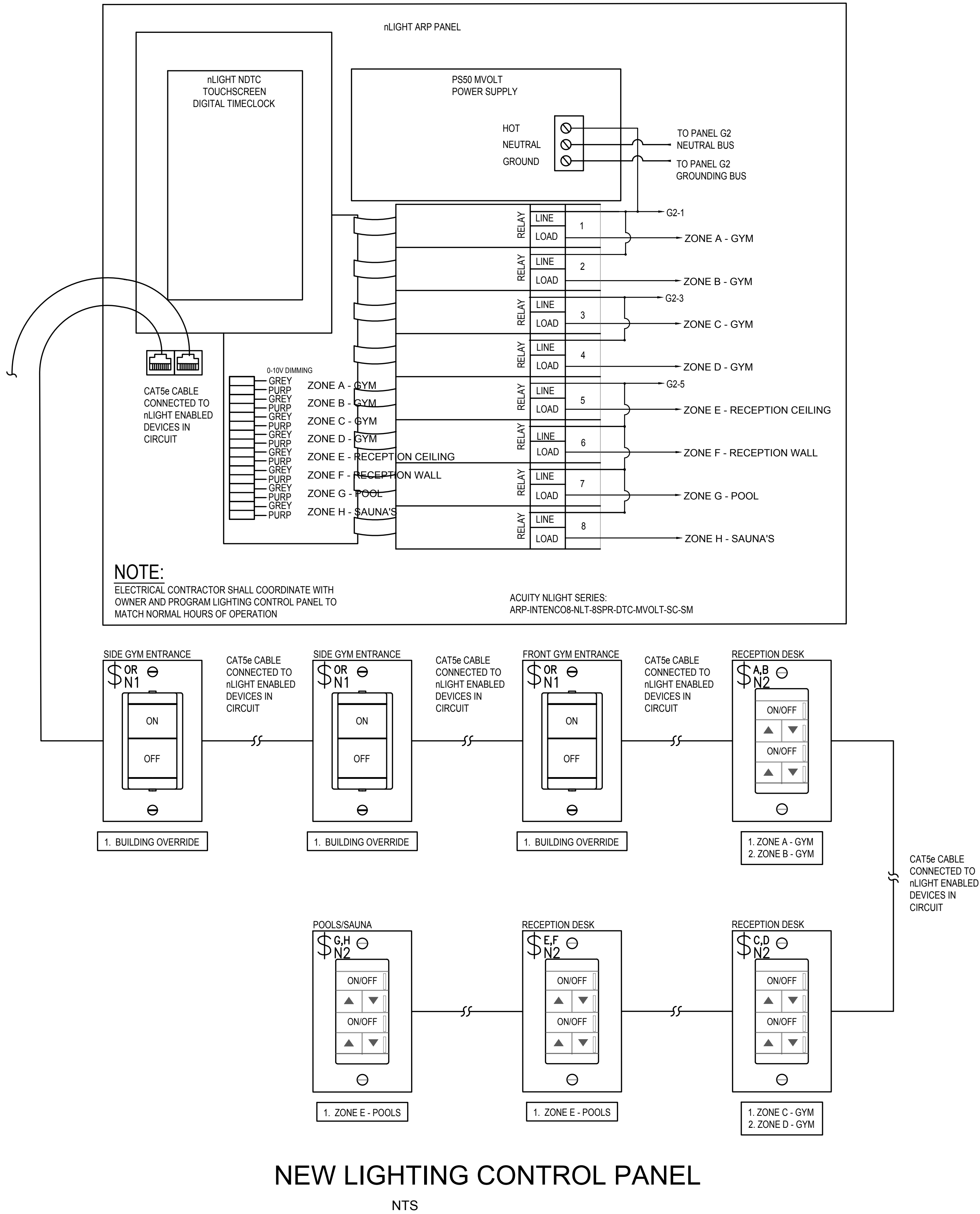
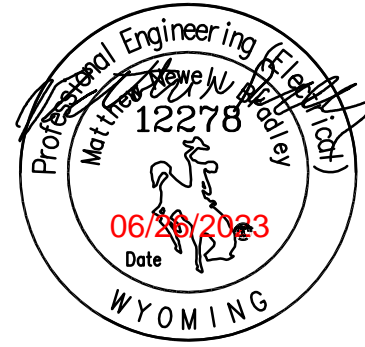
THERMOSTAT ROUGH-IN DETAIL

 1" = 1'-0"



DATA/TELEPHONE FLOOR FEED ROUGH-IN DETAIL

 1" = 1'-0"



LIGHTING FIXTURE SCHEDULE (23-100)							
TYPE	DESCRIPTION	MTG.	LAMPS	WATTS	IMG. & CATALOG NUMBER	OR EQUAL BY	NOTES
A1	SUSPENDED LED DIRECT/INDIRECT FIXTURE 8000 LUMENS, 70% UP/ 30% DOWN FINISH BY OWNER	AIRCRAFT	LED 4000K	70	LITHONIA NO. BRM9L-LSL-XMSL4-80CRI-40K-ID2000LMF-70/30-MINI-ZT-120-SCT-MOUNTING-SUSPENSION-COLOR	LIGHTOLIER METALUX H.E. WILLIAMS	1
A1E	SUSPENDED LED DIRECT/INDIRECT FIXTURE 8000 LUMENS, 70% UP/ 30% DOWN FINISH BY OWNER	AIRCRAFT	LED 4000K	70	LITHONIA NO. BRM9L-LSL-XMSL4-80CRI-40K-ID2000LMF-70/30-MINI-ZT-120-SCT-E10WLCP-MOUNTING-SUSPENSION-COLOR	LIGHTOLIER METALUX H.E. WILLIAMS	1
B1	4' WRAP LED FIXTURE 2000 LUMENS FINISH BY OWNER	SURFACE	LED 4000K	16	LITHONIA NO. BLWP4-20L-PDSMT-GZ1-LP840	LIGHTOLIER METALUX H.E. WILLIAMS	1
B1E	4' WRAP LED FIXTURE 2000 LUMENS, EM SELF DIAGNOSTIC BATTERY PACK FINISH BY OWNER	SURFACE	LED 4000K	16	LITHONIA NO. BLWP4-20L-PDSMT-GZ1-LP840-E10WLCP	LIGHTOLIER METALUX H.E. WILLIAMS	1
B2	4' WRAP LED FIXTURE 3000 LUMENS FINISH BY OWNER	SURFACE	LED 4000K	25	LITHONIA NO. BLWP4-30L-PDSMT-GZ1-LP840	LIGHTOLIER METALUX H.E. WILLIAMS	1
B3	4' WRAP LED FIXTURE 4800 LUMENS FINISH BY OWNER	SURFACE	LED 4000K	40	LITHONIA NO. BLWP4-48L-PDSMT-GZ1-LP840	LIGHTOLIER METALUX H.E. WILLIAMS	1
B4	4' WRAP LED FIXTURE 6000 LUMENS FINISH BY OWNER	SURFACE	LED 4000K	49	LITHONIA NO. BLWP4-60L-PDSMT-GZ1-LP840	LIGHTOLIER METALUX H.E. WILLIAMS	1
C1	8' LED DOWNLIGHT 1600 LUMENS, 0-10V DIMMING WHITE FINISH	RECESSED	LED 4000K	20	LITHONIA NO. WFBLED-30K40K50K-MVOLT-80CRI-MW	LIGHTOLIER METALUX H.E. WILLIAMS	1
D1	4' LINEAR LED FIXTURE 5000 LUMENS, ROUND DIFFUSE LENS MVOLT 0-10V DIMMING, WHITE FINISH	SURFACE	LED 4000K	35	LITHONIA NO. CLXL48-5000LM-SEF-RDL-MVOLT-GZ10-40K-80CRI-VH	LIGHTOLIER METALUX H.E. WILLIAMS	1
E1	EXIT SIGN WITH TWIN LED LAMP HEADS GREEN OR RED EXIT LED	SURFACE	LED	1	LITHONIA NO. EXRG-EL-M6	LIGHTOLIER METALUX H.E. WILLIAMS	1
F1	NEMA 4X RATED LED FIXTURE 4000 LUMENS, 0-10V DIMMING MOUNTING BY OWNER	TBD	LED 4000K	40	LITHONIA NO. DMW2-L24-4000LM-PCL-WD-120-GZ10-40K-80CRI-MOUNTING	LIGHTOLIER METALUX H.E. WILLIAMS	1
F1E	NEMA 4X RATED LED FIXTURE 4000 LUMENS, 0-10V DIMMING MOUNTING	TBD	LED 4000K	40	LITHONIA NO. DMW2-L24-4000LM-PCL-WD-120-GZ10-40K-80CRI-MOUNTING-E10WCP	LIGHTOLIER METALUX H.E. WILLIAMS	1
G1	SUSPENDED LED STRIP LIGHT WITH ALUMINUM HOUSING COLOR TEMP BY OWNER DIRECT VIEW LED STRIP	SUSPENDED	LED 4.3W/FT		KELVIX NO. Z28-X-XX-DK-COLOR TEMP-SWH-SP-FINISH-ULV	LIGHTOLIER METALUX H.E. WILLIAMS	1
G2	SURFACE MOUNT LED TAPE LIGHT WITH ALUMINUM HOUSING COLOR TEMP BY OWNER DIRECT VIEW LED STRIP	SURFACE	LED 2.6W/FT		KELVIX NO. CHANNEL: CH-S11-LENGTH-LENS-CP-EC POWER SUPPLY: ULVXXX	LIGHTOLIER METALUX H.E. WILLIAMS	1
X1E	EXTERIOR WALL SCONCE 1200 LUMENS COLOR BY ARCHITECT	SURFACE	LED 4000K	18	LITHONIA NO. WDGE2-LED-P1-30K-80CRI-VW-MVOLT-XXXX	LIGHTOLIER METALUX H.E. WILLIAMS	1
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	
\$0s1	OCCUPANCY SENSOR – WALL MOUNT, DUAL TECHNOLOGY, 120–277V, SINGLE POLE, MULTI-WAY SENSOR SWITCH WSXA–MW0–PDT–XX OR EQUAL
\$0s2	OCCUPANCY SENSOR – WALL MOUNT, DUAL TECHNOLOGY, DIMMING, 120–277V, SINGLE POLE, MULTI-WAY SENSOR SWITCH WSXA–MW0–PDT–D–XX OR EQUAL
\$0s3	OCCUPANCY SENSOR – CEILING MOUNT, DUAL TECHNOLOGY, LOW VOLTAGE, SMALL MOTION SENSOR SWITCH CM–PDT–9–LT OR EQUAL
\$0P1	POWER PACK – 120 VOLT, 15 VDC SENSOR SWITCH PP20 OR EQUAL
\$0	DIMMING SWITCH – WALL MOUNT, 120/277V INPUT, 120/277V OUTPUT, LED, ON/OFF/DIMMER SWITCH, COLOR BY OWNER SYNERGY ISD–BC–120/277V–XX XX=VERIFY COLOR WITH ARCHITECT PRIOR TO ORDER

EQUAL PRODUCTS FROM WATTSTOPER, LUTRON, LEGRAND, AND EATON WILL BE ACCEPTED

NETWORKED SWITCH AND OCCUPANCY SENSOR LEGEND	
\$0s3	AUTOMATIC DIMMING PHOTOCELL CONTROL– NLIGHT NETWORK BUS NLIGHT NCM–ADCX–RJB OR EQUAL TO
\$0n1	DIMMING SWITCH – WALL MOUNT, ON/OFF, SINGLE CHANNEL, COLOR BY OWNER nLIGHT nPODM–X
\$0n2	DIMMING SWITCH – WALL MOUNT, ON/OFF, DIM UP/DOWN, TWO CHANNELS, COLOR BY OWNER nLIGHT nPODM–2P–DX–X