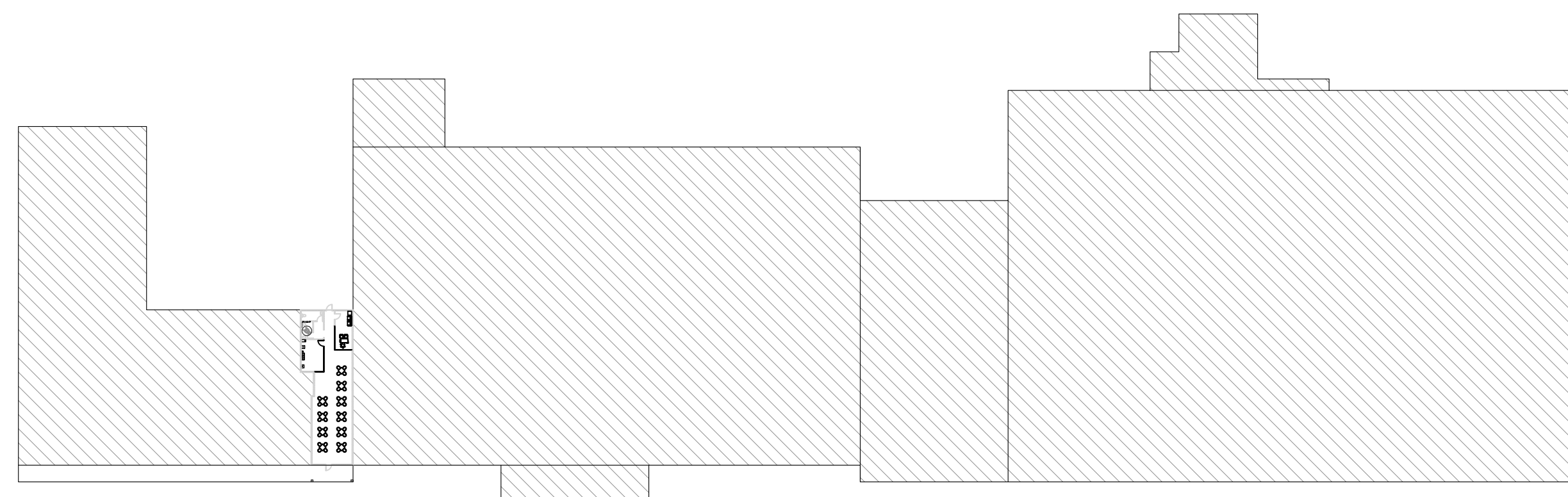


GENERAL REQUIREMENTS

1. CONTRACTOR SHALL REVIEW DRAWINGS AND VERIFY EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION.
2. OBTAIN ALL PERMITS AND INSPECTIONS FROM THE CITY OF COLLEGE STATION AHJ.
3. WORK LIMITED TO INTERIOR RENOVATION ONLY.
4. NO STRUCTURAL MODIFICATIONS PERMITTED UNLESS APPROVED BY LICENSED STRUCTURAL ENGINEER.
5. CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS AND UTILITIES PRIOR TO CONSTRUCTION.
6. MAINTAIN INTEGRITY OF EXISTING FIRE-RATED ASSEMBLIES.
7. PROVIDE FIRE-STOPPING AT PENETRATIONS PER IBC CHAPTER 7.
8. MAINTAIN REQUIRED MEANS OF EGRESS AT ALL TIMES DURING CONSTRUCTION.
9. ALL MATERIALS SHALL BE NEW AND INSTALLED PER MANUFACTURER SPECIFICATIONS.
10. COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING WORK.

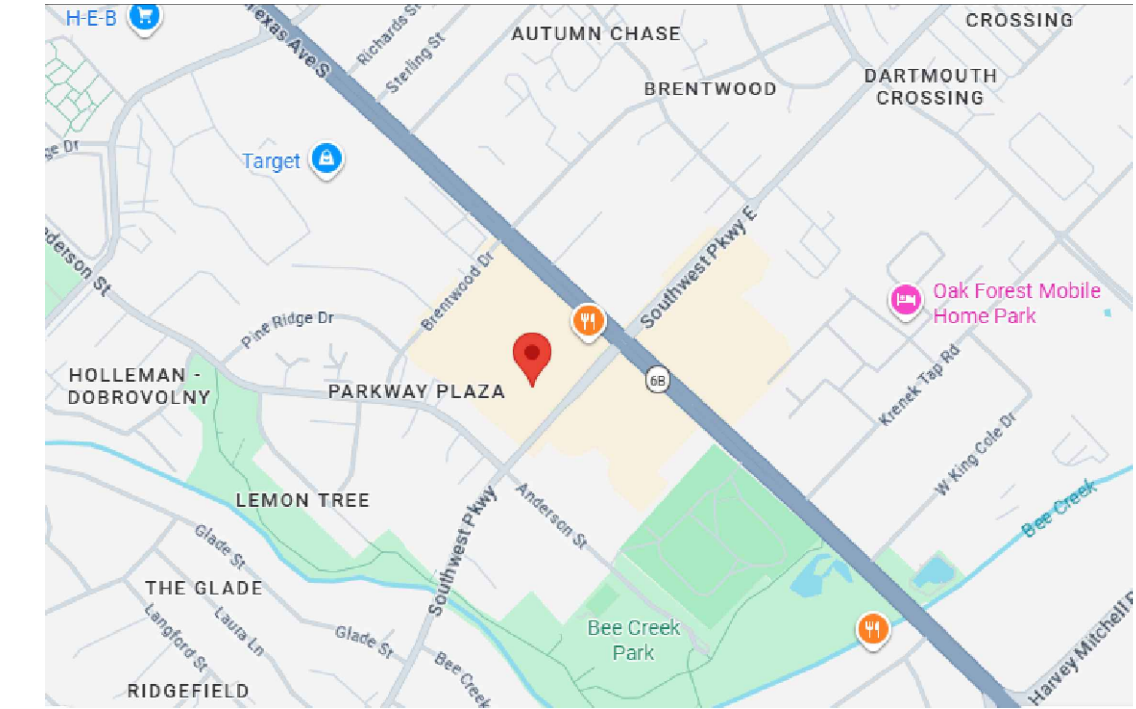
SHEET INDEX

- A0.0 COVER SHEET
- A1.0 DEMO / EXISTING FLOOR PLAN
- A1.1 PROPOSED FLOOR PLAN
- A2.0 PROPOSED INTERIOR ELEVATION
- A3.0 PROPOSED LIFE SAFETY PLAN
- A4.0 ADA COMPLIANCE DETAILS
- M1.0 PROPOSED HVAC PLAN
- M2.0 MECHANICAL DETAIL
- E1.0 PROPOSED ELECTRICAL PLANS
- P1.0 PROPOSED PLUMBING PLANS
- P2.0 PLUMBING ELEVATION / DETAIL
- S1.0 WALL FRAMING DETAIL



KEY PLAN SCALE: 1/64" = 1'-0"

VICINITY MAP



PROJECT DESCRIPTION

INTERIOR REMODELING AND RENOVATION OF AN EXISTING COMMERCIAL TENANT SUITE LOCATED AT 2414 TEXAS AVE, UNIT B, COLLEGE STATION, TEXAS. SCOPE INCLUDES CONSTRUCTION OF NEW NON-LOAD-BEARING INTERIOR PARTITIONS TO INCREASE OFFICE AREAS, CREATION OF A COMMERCIAL KITCHEN PREPARATION AREA (SINK-BASED USE ONLY), PLUMBING MODIFICATIONS INCLUDING COMMERCIAL SINK INSTALLATIONS AND GREASE INTERCEPTOR SYSTEM, ELECTRICAL AND LIGHTING MODIFICATIONS, AND HVAC ADJUSTMENTS.

NO MODIFICATION TO BUILDING FOOTPRINT, STRUCTURAL FRAMING, OCCUPANCY CLASSIFICATION, OR EXTERIOR ENVELOPE IS INCLUDED IN THIS SCOPE OF WORK.

PROPERTY INFORMATION

APN : 19009
 ADDRESS: 2414 TEXAS AVE UNIT B COLLEGE STATION TX 77840
 PROPERTY TYPE: COMMERCIAL / RETAIL
 ZONING: CC
 MUNICIPALITY NAME: COLLEGE STATION
 OCCUPANCY RATING: --

BUILDING DESCRIPTION

AREA: 1,823± SQFT
 STORIES: 1
 LOT AREA: 0.69 ACRES
 YEAR BUILT: 1982

CODE COMPLIANCE

ALL WORK SHALL COMPLY WITH THE CITY OF COLLEGE STATION AND TEXAS DEPARTMENT OF LICENSING & REGULATION (TDLR) ADOPTED CODES:

- 2021 INTERNATIONAL BUILDING CODE (IBC)
- 2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- 2021 INTERNATIONAL MECHANICAL CODE (IMC)
- 2021 INTERNATIONAL PLUMBING CODE (IPC)
- 2021 INTERNATIONAL FIRE CODE (IFC)
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
- 2020 NATIONAL ELECTRICAL CODE (NEC)
- ICC A117.1-2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
- NFPA 101 LIFE SAFETY CODE (REFERENCED STANDARD)
- CITY OF COLLEGE STATION AMENDMENTS AND LOCAL ORDINANCES

DEMOLITION & CONSTRUCTION SAFETY

1. PROVIDE DUST CONTROL AND DEBRIS CONTAINMENT.
2. PROTECT EXISTING FINISHES AND ACTIVE BUILDING SYSTEMS.
3. MAINTAIN FIRE ALARM AND SPRINKLER SYSTEMS OPERATIONAL.
4. REMOVE DEMOLITION MATERIALS PER LOCAL REGULATIONS.
5. PROVIDE TEMPORARY PROTECTION WHERE ADJACENT SPACES REMAIN OCCUPIED.

ACCESSIBILITY REQUIREMENTS

1. RENOVATED AREAS SHALL COMPLY WITH ICC A117.1-2017 AND TEXAS ACCESSIBILITY STANDARDS (TAS).
2. MAINTAIN ACCESSIBLE ROUTE TO ALL ALTERED SPACES.
3. ACCESSIBLE CLEARANCES REQUIRED AT OFFICES, KITCHEN, CORRIDORS, AND RESTROOMS.
4. DOOR HARDWARE SHALL BE ADA COMPLIANT LEVER TYPE.
5. CONTROLS AND RECEPTACLES INSTALLED WITHIN ACCESSIBILITY REACH RANGES.
6. ACCESSIBLE SINK CLEARANCES PROVIDED WHERE REQUIRED.

STAMP

PROJECT FOR
2414 TEXAS AVE UNIT B
COLLEGE STATION TX 77840
 REMODELING & RENOVATION OF
 COMMERCIAL UNIT

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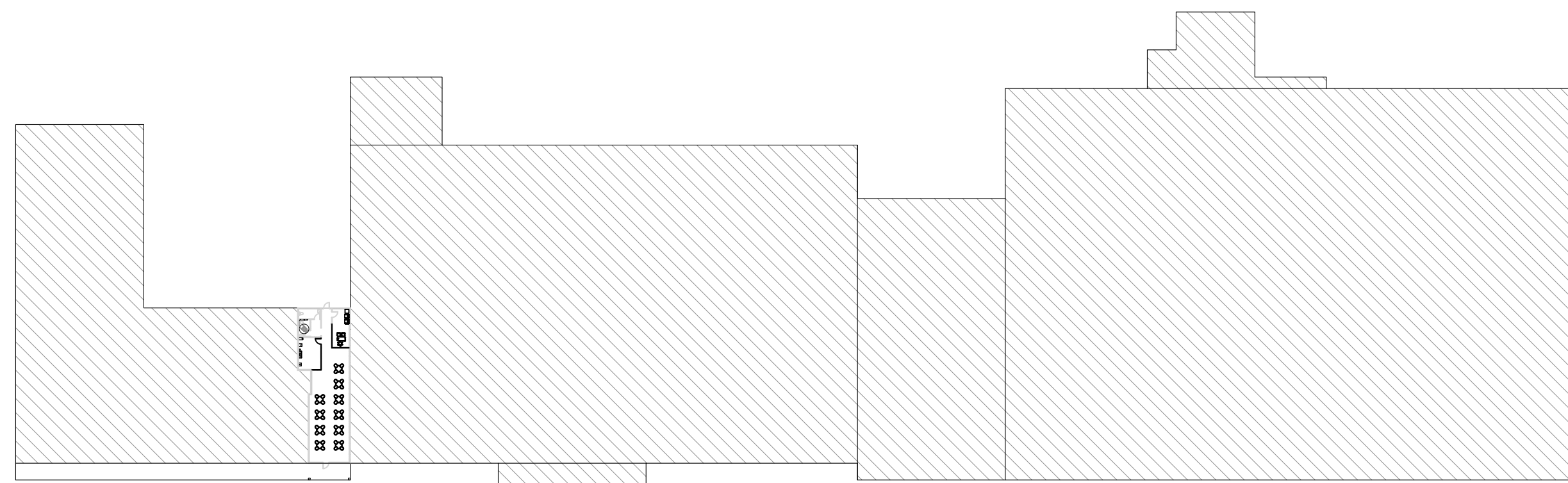
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DEMOLITION PLAN NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXIS. CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER. NO DEMOLITION WORK SHALL COMMENCE WITHOUT FILED VERIFICATION BY THE CONTRACTOR, OWNER, DESIGNER.
2. IT IS THE CONTRACTOR RESPONSIBILITY TO LOCATE AND REMOVE ALL MECHANICAL, ELECTRICAL AND MISC. EQ AS REQ TO COMPLETE THE WORK. REFER TO PLANS FOR DEMOLITION INFORMATION.
3. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY STRUCTURAL BRACING AS REQ. DURING DEMOLITION AND CONSTRUCTION. ANY PORTION OF THE PROJECT WHICH IS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE REPAIRED/REPLACED TO MATCH EXISTING.
4. THE CONTRACTOR SHALL COORDINATE AND ARRANGE FOR THE DISCONNECTION OF ALL UTILITIES AND EQUIPMENT WITH THE OWNER AND UTILITY COMPANIES. THE CONTRACTOR SHALL REMOVE, DISCONNECT, SALVAGE ALL MECHANICAL, ELECTRICAL AND MISC. WALL MOUNTED EQUIPMENT FOR RECONNECT AND REINSTALLATION.
5. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE SECURE DRY STORAGE WITHIN THE DESIGNATED AREA OR AREA DESIGNATED BY THE OWNER FOR OWNER RETAINED ITEMS.
6. CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS DAILY. DEMOLITION WORK SHALL REMAIN AND CLEAN FOR THE BUILDING'S OCCUPANTS & CONSTRUCTION WORKERS. OCCUPIED AREAS ADJ TO THE PROJECT WORK AREAS SHALL BE KEPT CLEAN AT ALL TIMES DURING WORK.

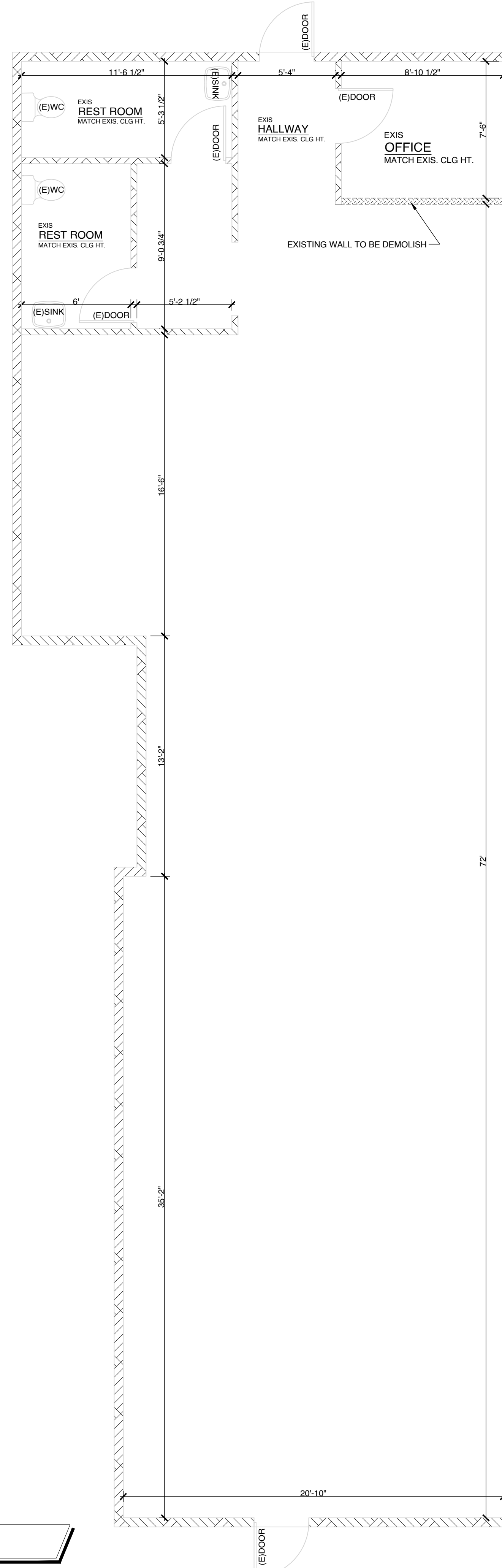
WALL LEGEND

| | |
|--|---------------------------|
| | NEW INTERIOR WALL (2"x4") |
| | EXISTING WALL |
| | DEMOLISH WALL |



KEY PLAN SCALE: 1/64" = 1'-0"

DEMO / EXISTING
FLOOR PLAN
SCALE : 1/4" = 1'-0"



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REMODELING & RENOVATION OF
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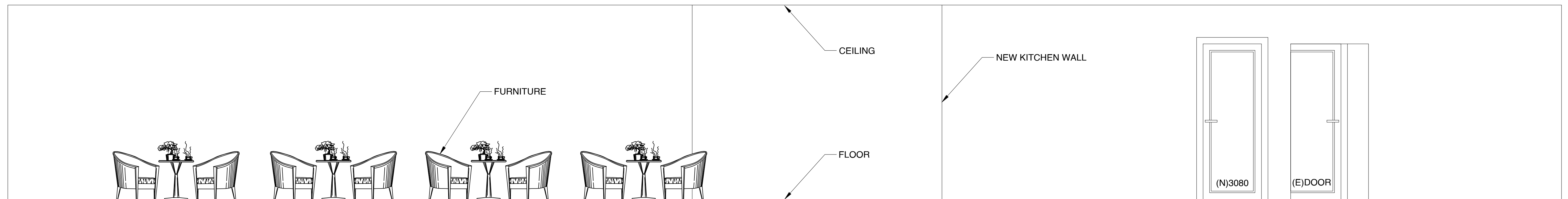
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PROPOSED
INTERIOR ELEVATION
 SCALE : 3/8" = 1'-0"

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LIFE SAFETY NOTES

1. MEANS OF EGRESS

- MEANS OF EGRESS SHALL COMPLY WITH IBC CHAPTER 10.
- EXIT PATHS SHALL REMAIN UNOBSTRUCTED.
- PROVIDE EXIT SIGNAGE VISIBLE FROM ALL OCCUPIED AREAS.

2. EMERGENCY SYSTEMS

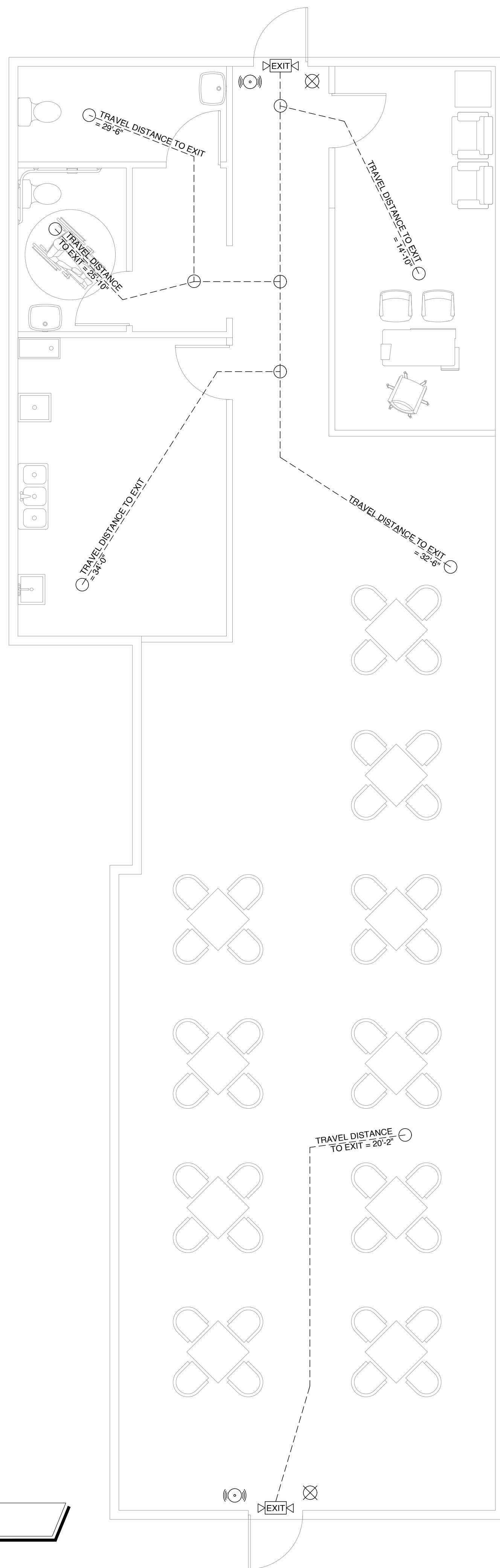
- EXIT SIGNS ILLUMINATED AND BATTERY BACKED.
- EMERGENCY LIGHTING MINIMUM 90-MINUTE BACKUP DURATION.
- MODIFY FIRE ALARM DEVICES AS REQUIRED BY LAYOUT CHANGES.
- MAINTAIN SPRINKLER COVERAGE THROUGHOUT RENOVATED SPACE.

3. SECURITY / LIFE SAFETY

- CCTV MONITORING AT ENTRANCES AND CIRCULATION AREAS.
- INTRUSION ALARM MONITORING ENTRY DOORS.
- EMERGENCY LIGHTING ALONG EXIT PATHWAYS.
- INSTALL SYSTEMS PER NFPA AND AHJ REQUIREMENTS.

FIRE PROTECTION NOTES

1. MAINTAIN EXISTING FIRE SPRINKLER COVERAGE THROUGHOUT RENOVATED AREA.
2. RELOCATE SPRINKLER HEADS AS REQUIRED DUE TO NEW PARTITIONS.
3. MAINTAIN REQUIRED SPACING AND OBSTRUCTION CLEARANCES.
4. FIRE ALARM DEVICES RELOCATED AS REQUIRED.
5. WORK PERFORMED BY LICENSED FIRE PROTECTION CONTRACTOR.
6. SYSTEMS TESTED AND APPROVED PRIOR TO FINAL INSPECTION.



**PROPOSED
LIFE SAFETY PLAN**
SCALE : 1/4" = 1'-0"

LEGEND

- CCTV CAMERA
- EMERGENCY EXIT
- PANIC BUTTON
- INTRUSION ALARM
- MOTION SENSOR LIGHT
- EMERGENCY LIGHT
- PATH OF TRAVEL

NOTE:
PANIC BUTTON LOCATIONS TO BE DETERMINED BY OWNER/ TENANT BASED ON FINAL FURNITURE AND EQUIPMENT LAYOUT. TO BE INSTALLED AT STRATEGIC, CONCEALED, AND ACCESSIBLE LOCATIONS IN COORDINATION WITH SECURITY PROVIDER.

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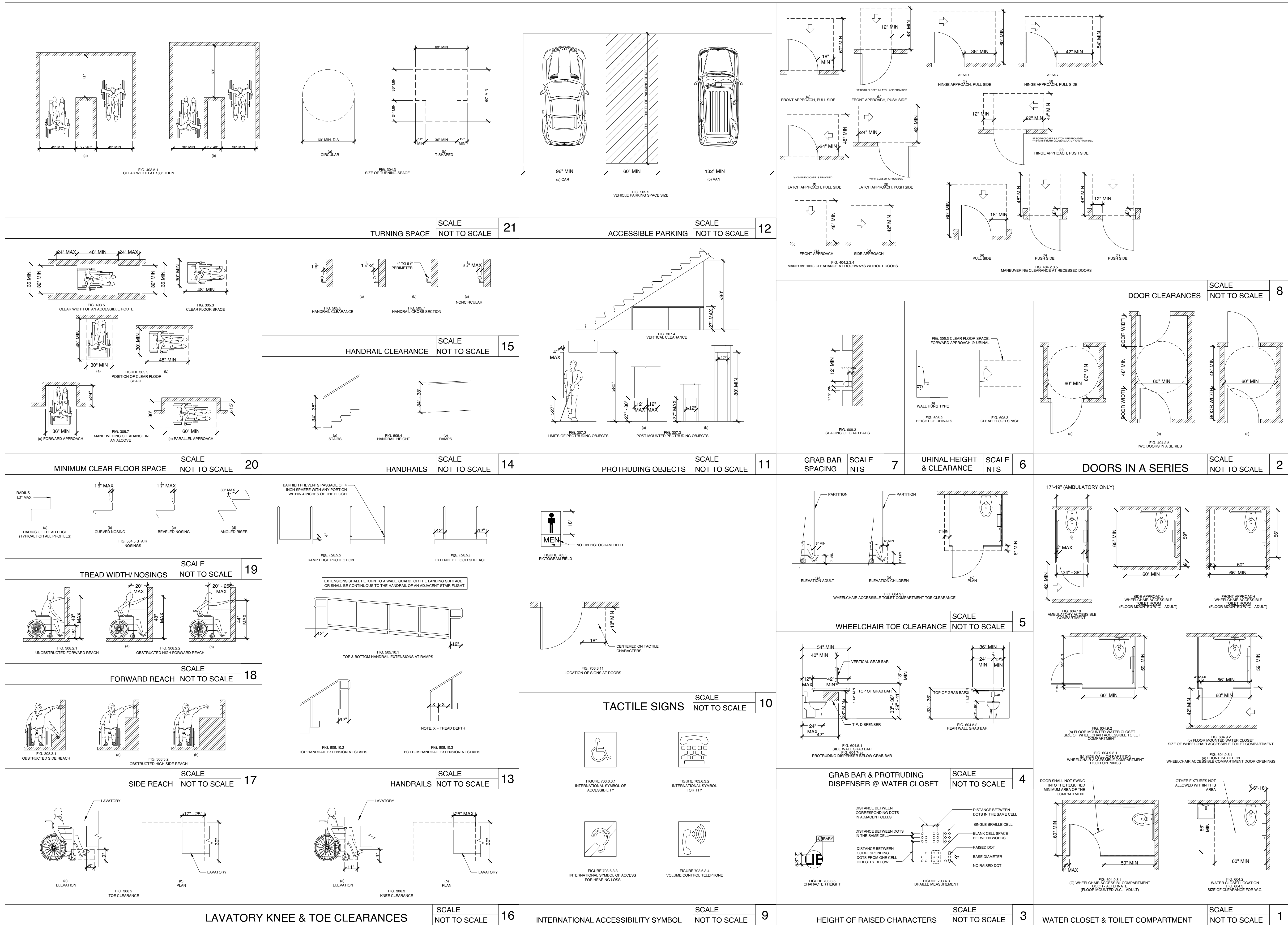
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ACCESSIBLE AND USABLE BUILDINGS & FACILITIES - ICC ANSI A117.1



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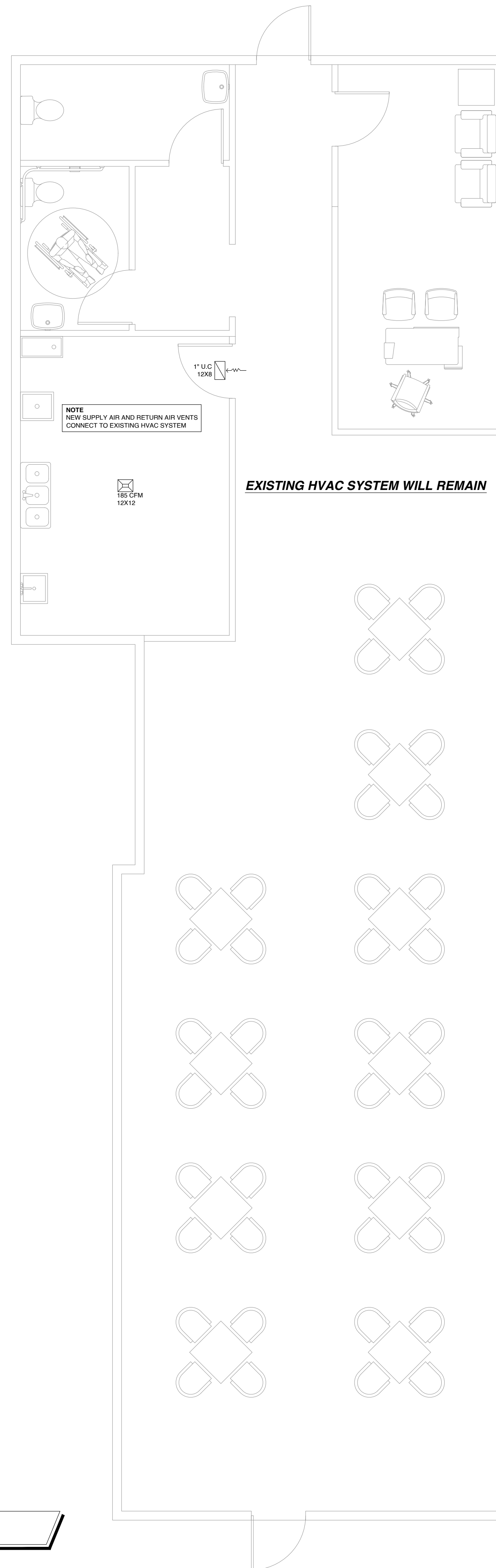
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MECHANICAL NOTES

- 1. EXISTING HVAC SYSTEM SHALL BE MODIFIED TO SERVE NEW LAYOUT.
- 2. PROVIDE VENTILATION PER IMC CHAPTER 4.
- 3. PROVIDE RETURN AIR PATHWAYS FOR ENCLOSED OFFICES.
- 4. PROVIDE EXHAUST VENTILATION AT KITCHEN SINK AREA.
- 5. RESTROOMS SHALL MAINTAIN REQUIRED EXHAUST AIRFLOW.
- 6. DUCTWORK SEALED PER SMACNA STANDARDS.
- 7. MAINTAIN REQUIRED CLEARANCES AROUND EQUIPMENT.
- 8. BALANCE AIR DISTRIBUTION AFTER CONSTRUCTION.



**PROPOSED
HVAC PLAN**
SCALE : 1/4" = 1'-0"

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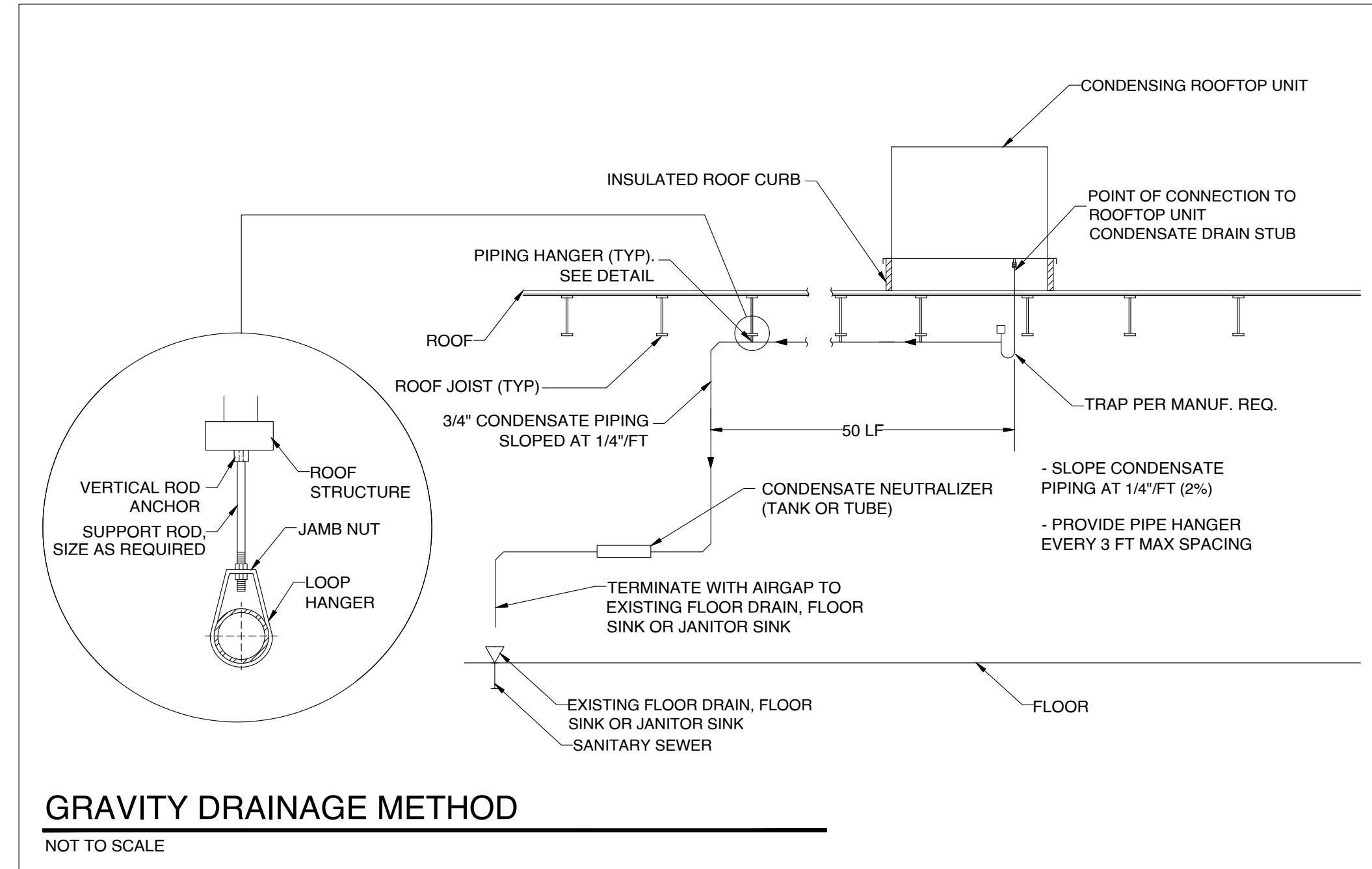
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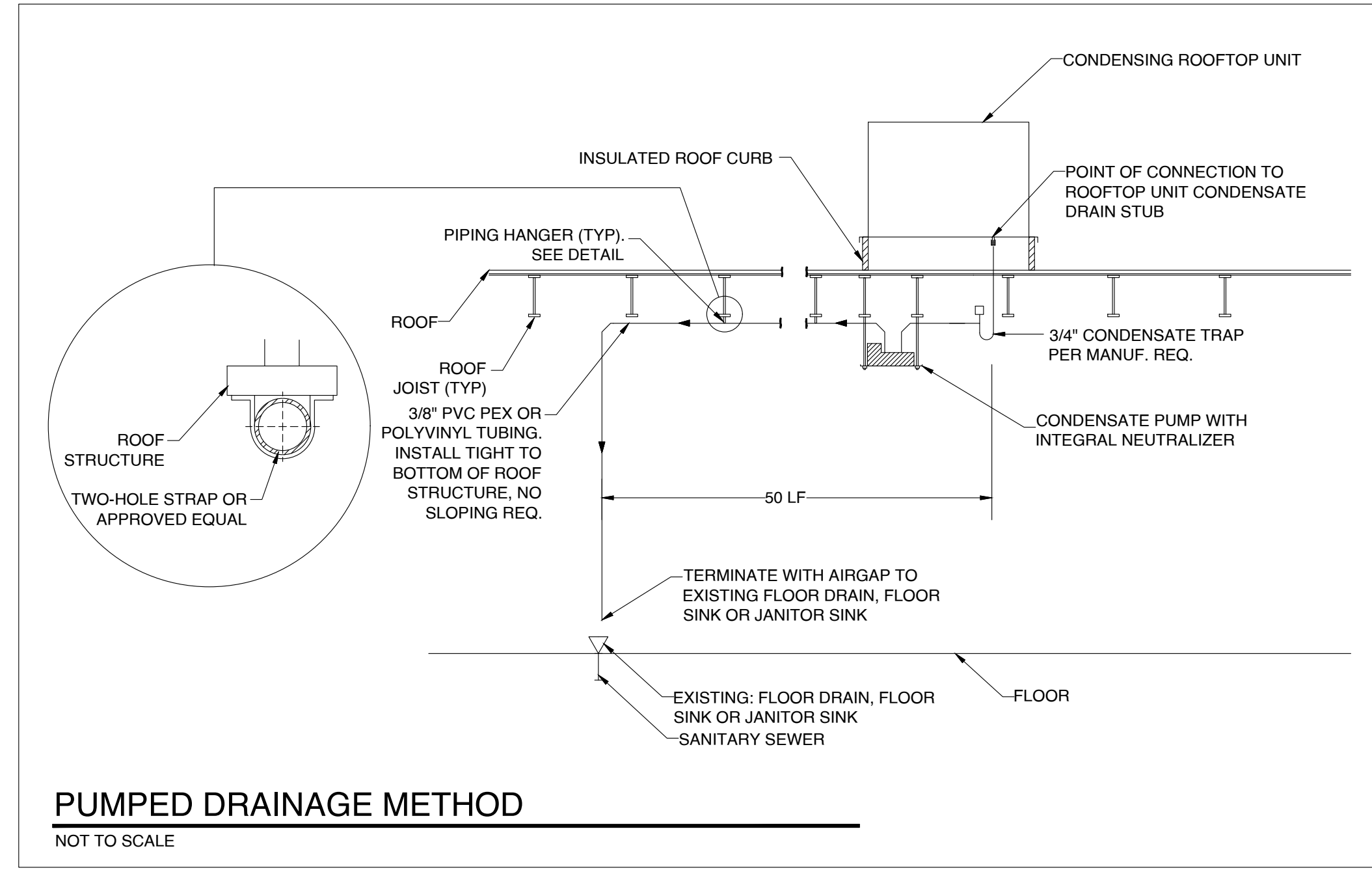
| H.V.A.C. DESIGN REQUIREMENTS | | |
|--------------------------------------|-----|----|
| | YES | NO |
| 1. DUCT SMOKE DETECTOR. | | ● |
| 2. FIRE DAMPER(S). | | ● |
| 3. SMOKE DAMPER(S). | | ● |
| 4. FIRE RATED ENCLOSURE. | | ● |
| 5. FIRE RATED ROOF CEILING ASSEMBLY. | | ● |
| 6. FIRE STOPPING. | | ● |
| 7. SMOKE CONTROL. | | ● |

| EXHAUST FAN SCHEDULE: EF-1 | |
|--|---------------|
| MANUFACTURER: | -- |
| MODEL: | -- |
| CFM: | 100 |
| SP: | 0.10". |
| DRIVE: | DIRECT. |
| LOCATION: | CEILING. |
| ACCESORIES: | DRAFT DAMPER. |
| NOTE: USE DESIGNATED EXHAUST FAN OR APPROVED EQUAL. | |

| AIR CONDITIONING LEGEND | |
|-------------------------|--|
| SYMBOL | LEGEND |
| A.H.U. | AIR HANDLING UNIT. |
| C.U. | CONDENSING UNIT. |
| O.A. | OUTSIDE AIR. |
| R/A | RETURN AIR. |
| S.A. | SUPPLY AIR. |
| W.S.A. | WALL SUPPLY AIR. |
| C.S.A. | CEILING SUPPLY AIR. |
| RL & S | REFRIGERANT LIQUID & SUCTION PIPE. |
| CFM | CUBIC FEET PER MINUTE. |
| M.V.D. | MANUAL VOLUME DAMPER. |
| O.B.D. | OPPOSED BLADE DAMPER. |
| ⊖ | THERMOSTAST. |
| ▭ | DUCTWORK. |
| ⊗ | F.D. FLEXIBLE DUCT. |
| ⊗ | SUPPLY AIR DIFFUSER. |
| ⊗ | RETURN AIR / TRANSFER GRILLE. |
| — | MANUAL VOLUME DAMPER. |
| (A) | DENOTES AIR DISTRI. DEVICE. |
| ▷ ◊ | DISTRIBUTION BOX. |
| UC | UNDER CUT DOOR ABOVE FINISH FLOOR AS NOTED |



| | Best Practice | Good Practice |
|-----------------|---|--|
| Piping material | Use PVC piping sloped at 2% (1/4-inch per foot). | Use PVC or PEX piping with support sloped at 1% (1/8-inch per foot). |
| Piping support | Use commercial-grade piping hangers such as clevis or swivel loop hangers. | Use perforated metal strap hangers. |
| Neutralization | Provide neutralization of condensate prior to disposal into approved drain. | Neutralization is recommended. |
| Overflow/bypass | Provide a bypass of the neutralizer in case of overflow. | Bypass is recommended. |
| Discharge | Terminate piping into approved sewage floor drain with air gap. | |



| | Best Practice | Good Practice |
|-----------------|--|--|
| Pump location | Locate condensate pump directly below the C-RTU equipment. | Locate pump as close to the C-RTU equipment as possible. |
| Piping | All piping between C-RTU and pump must slope downward (use rigid copper or PVC to avoid high spots with commercial grade pipe hangers). | Use sloped PVC or supported PEX piping from the C-RTU equipment to the inlet of the condensate pump. |
| Neutralization | Either 1) use combination pump/neutralizer, 2) neutralize before the pump inlet, or 3) ensure pump is rated for acidic condensate liquid. | |
| Overflow alarm | If the pump is located below the C-RTU equipment, provide a drain pan and overflow alarm. | |
| Piping material | Use PEX or polyvinyl tubing from the pump discharge to an approved disposal location. (Note: To avoid corrosion, plastic fittings are preferred over brass). | |
| Piping support | Support flexible piping with commercial quality supports such as Unistrut and pipe clamps. | Support flexible piping with pipe clamps attached to the structure or strap hangers. |

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 REMODELING & RENOVATION OF
 COMMERCIAL UNIT

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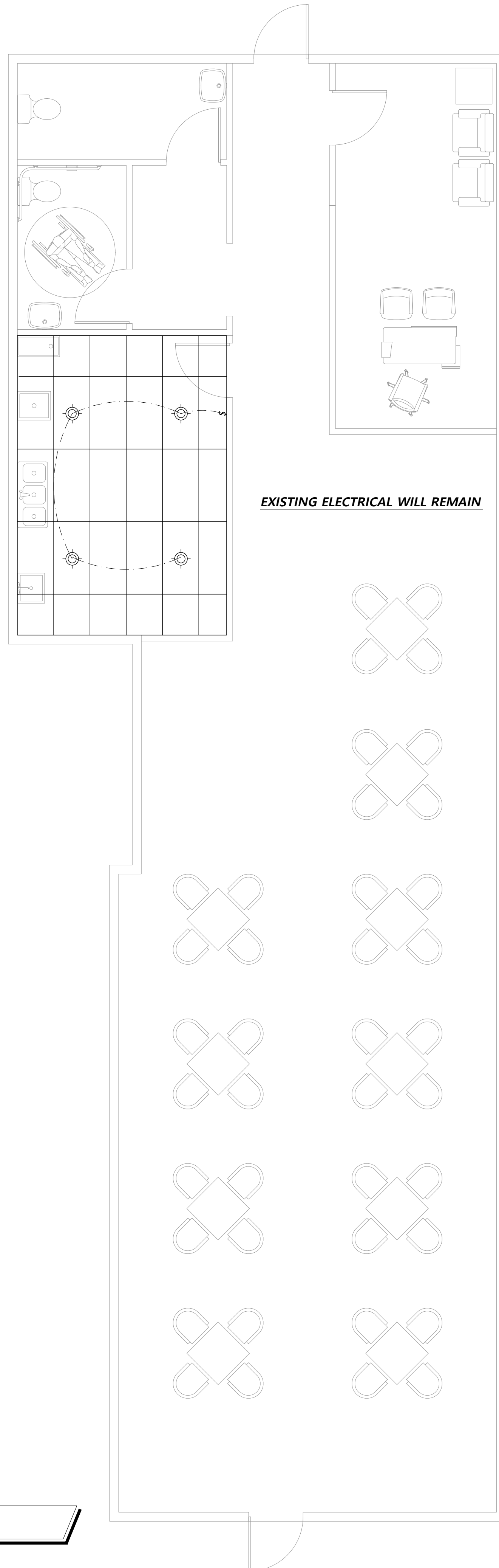
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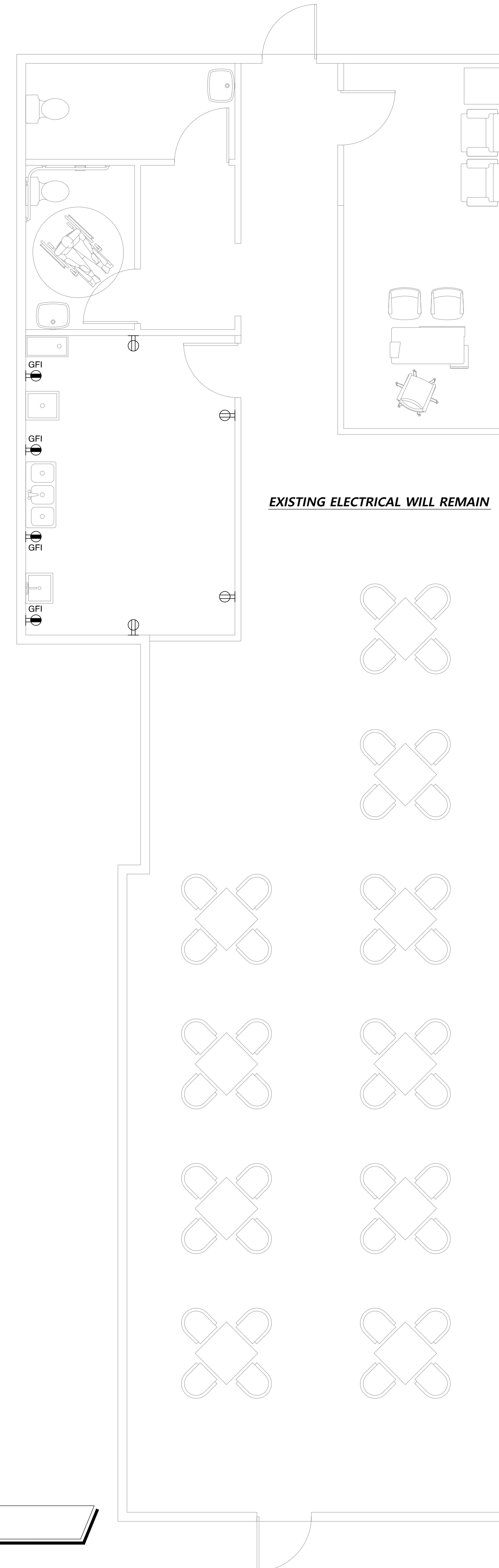
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ELECTRICAL NOTES

1. ELECTRICAL WORK SHALL COMPLY WITH NEC 2020.
2. PROVIDE PANEL SCHEDULES AND CIRCUIT IDENTIFICATION.
3. CONNECT NEW WORK TO EXISTING ELECTRICAL SERVICE.
4. COPPER CONDUCTORS REQUIRED.
5. PROVIDE GFCI PROTECTION AT SINKS AND WET AREAS.
6. AFCI PROTECTION WHERE REQUIRED BY NEC.
7. LIGHTING SHALL COMPLY WITH IECC ENERGY REQUIREMENTS.
8. PROVIDE SWITCHING CONTROLS PER ENERGY CODE.
9. EMERGENCY AND EXIT LIGHTING PER IBC CHAPTER 10.
10. ELECTRICAL PANELS SHALL BE PERMANENTLY LABELED.



1 / PROPOSED
LIGHTING PLAN
SCALE : 1/4" = 1'-0"



2 / PROPOSED
POWER PLAN
SCALE : 1/4" = 1'-0"

ELECTRICAL LEGEND

| | |
|--|-----------------------------|
| | DUPLEX OUTLET |
| | DUPLEX OUTLET ABOVE COUNTER |
| | DUPLEX OUTLET BELOW COUNTER |
| | CEILING OUTLET |
| | FLOOR OUTLET |
| | GROUND FAULT OUTLET |
| | WEATHER PROOF OUTLET |
| | 220v OUTLET |
| | EXHAUST FAN |
| | EXHAUST FAN / LIGHT |
| | RECESSED CAN LIGHT |
| | EYEBALL LIGHT |
| | VAPOR PROTECTED LIGHT |
| | CEILING LIGHT |
| | PENDANT LIGHT |
| | SCONE LIGHT |
| | WALL LIGHT |
| | SINGLE SWITCH |
| | 3-WAY SWITCH |
| | 4-WAY SWITCH |
| | DIMMER SWITCH |
| | CABLE T.V. JACK |
| | HIGH SPEED INTERNET |
| | BUTTON |
| | JUNCTION BOX |
| | PHONE JACK |
| | SMOKE DETECTOR |
| | STROBE SMOKE DETECTOR |
| | CARBON MONOXIDE DETECTOR |
| | INTERCOM |
| | ELECTRIC METER |
| | 1 BULB FLUORESCENT |
| | 2 BULB FLUORESCENT |
| | VANITY LIGHTS |
| | CHIMES |
| | FLOOD LIGHT |
| | SPEAKER HARD WIRE |
| | CEILING FAN W/LIGHT |
| | 300 AMP ELEC PANEL |
| | 200 AMP ELEC PANEL |
| | 100 AMP ELEC PANEL |

STAMP

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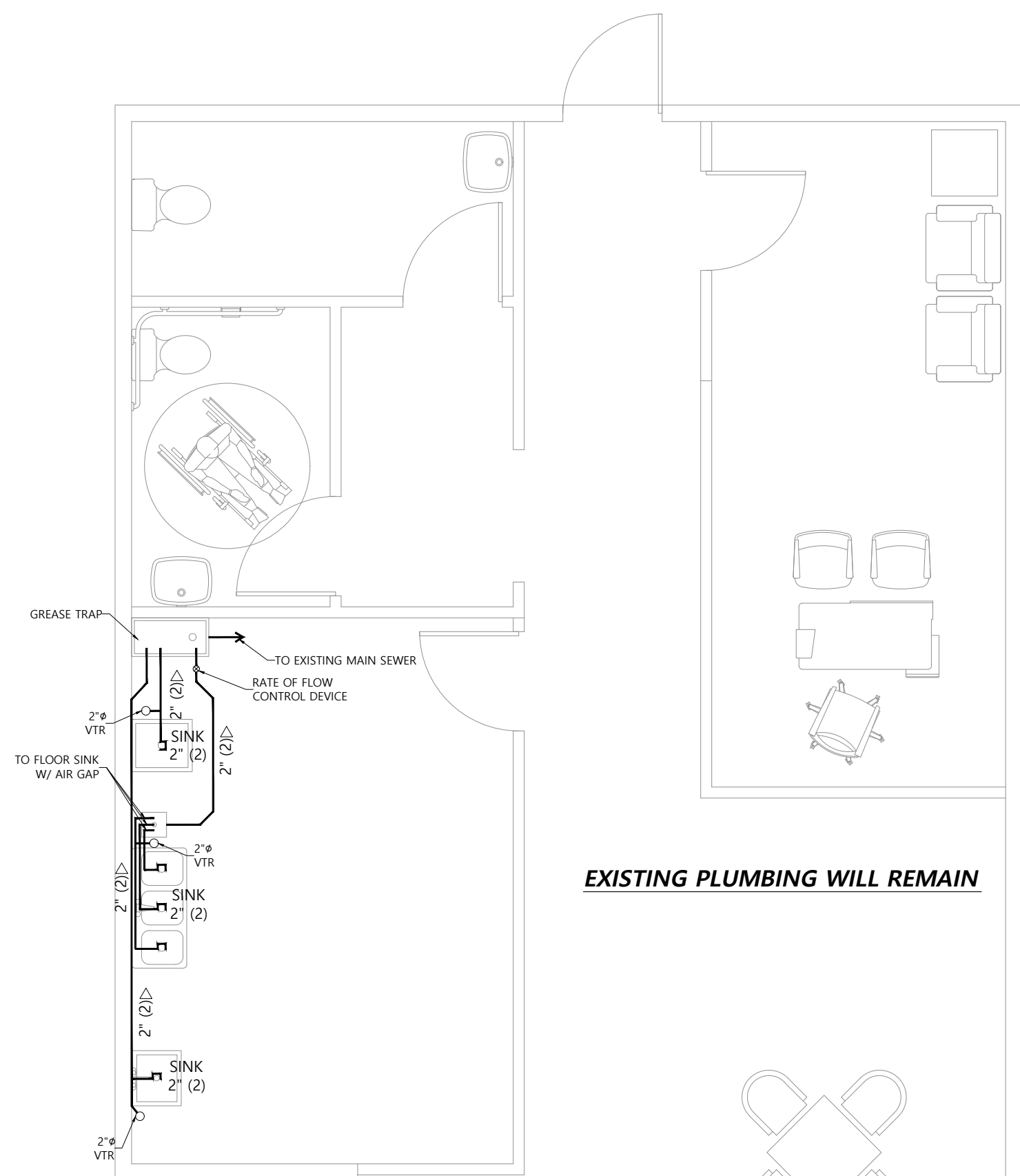
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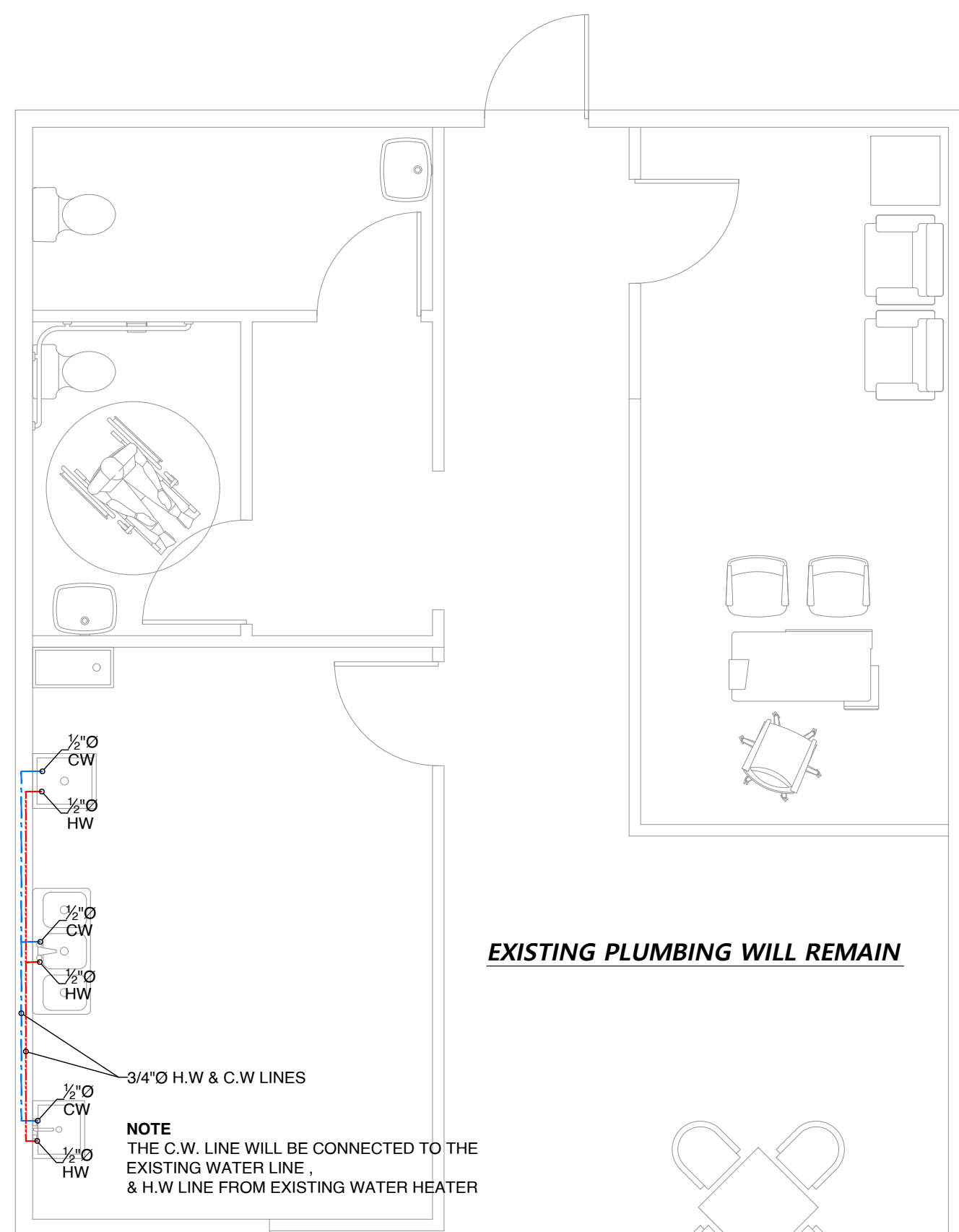
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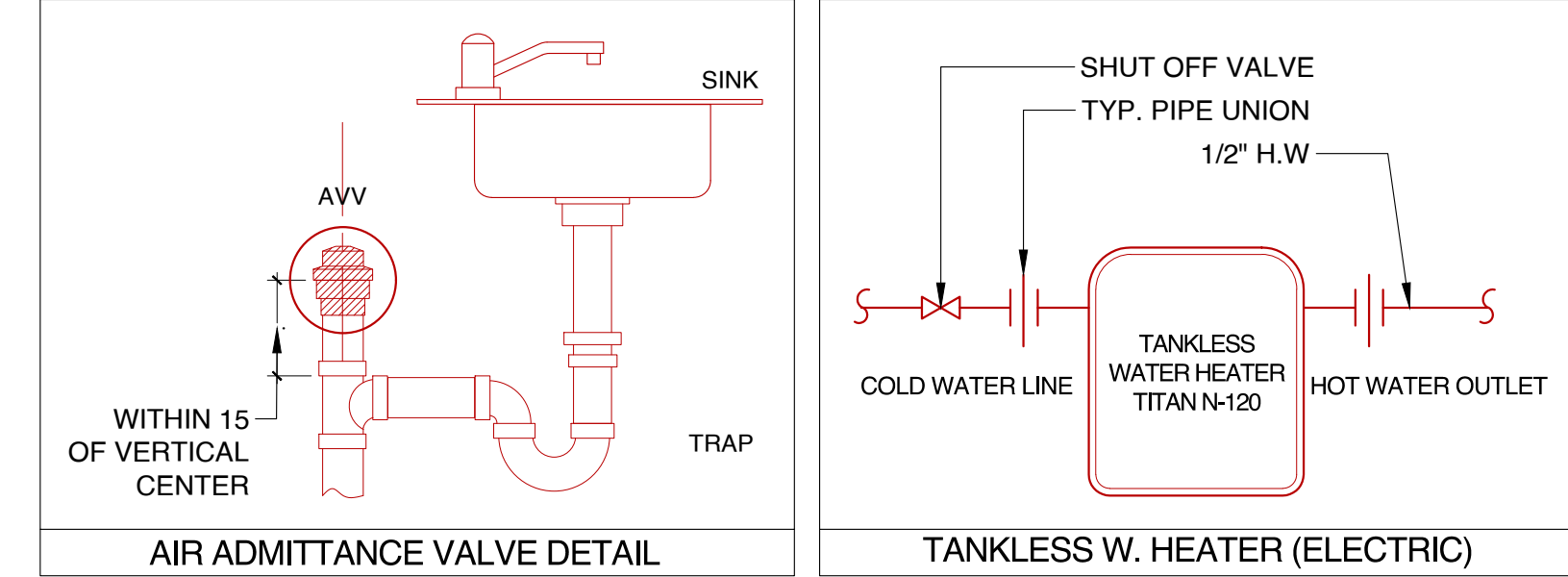
EXISTING PLUMBING WILL REMAIN



EXISTING PLUMBING WILL REMAIN

| PLUMBING LEGEND | |
|-----------------|-------------------------|
| SYMBOL | DESCRIPTION |
| | COLD WATER (C.W.) LINE. |
| | HOT WATER (H.W.) LINE. |
| | SANITARY SEWER LINE. |
| | GATE VALVE. |
| | FLOOR CLEAN-OUT. |
| | CLEAN-OUT TO GRADE. |
| CW | COLD WATER. |
| HW | HOT WATER. |
| VTR | VENT THRU ROOF. |
| VTW | VENT THRU WALL. |

PLUMBING NOTE
 1- ALL SANITARY LINES SHALL BE SLOPED AS FOLLOWS:
 2" OR SMALLER SHALL BE SLOPED AT 1/4" PER FT.
 3" OR LARGER SHALL BE SLOPED AT 1/8" PER FT.



| PLUMBING FIXTURE CONNECTION SCHEDULE | | | | | | |
|--------------------------------------|-----------------------|-------|------|------|------|---|
| MARK | DESCRIPTION | WASTE | VENT | C.W. | H.W. | REMARKS / SPECS |
| WC | WATER CLOSET. | 3" | 2" | 3/4" | -- | FLOOR MOUNTED, TANK TYPE, 1.28 GPF. |
| LAV | LAVATORY. | 2" | 2" | 1/2" | -- | COUNTER TOP, 1.5 GPM. |
| SW | SHOWER. | 2" | 2" | 1/2" | 1/2" | ANTI-SCALDING VALVE, 1.5 GPM HEAD |
| DW | DISHWASHER. | 3/4" | -- | 1/2" | 1/2" | 1-1/2" INDIRECT WASTE LINE. |
| 2CSK | TWO COMPARTMENT SINK. | 2" | 2" | 1/2" | 1/2" | WALL MTD, 1.5 GPM. |
| JSK | JANITOR SINK. | 2" | 2" | 1/2" | 1/2" | STAINLESS STEEL SINK FLOOR MTD, WITH HOSE AND YOKE, 1.5 GPM. |
| R | REFRIGERATOR. | -- | -- | 1/2" | -- | WALL MOUNTED BOX WITH VALVE AND FLEX CONNECTION. |
| WM | WASHER MACHINE. | 3" | 2" | 1/2" | 1/2" | WALL MTD, RECESSED BOX WITH 2" TRAP, VALVED WATER CONNECTION. |
| HB | HOSE BIBB. | -- | -- | 3/4" | -- | VACUUM BREAKER |

- PLUMBING NOTES**
1. PLUMBING WORK SHALL COMPLY WITH IPC 2021.
 2. PROVIDE COMMERCIAL SINK INSTALLATIONS AS SHOWN.
 3. PROVIDE PLUMBING ELEVATIONS FOR ALL SINK ASSEMBLIES.
 4. INSTALL GREASE INTERCEPTOR SIZED AND INSTALLED PER LOCAL PLUMBING AUTHORITY REQUIREMENTS.
 5. GREASE WASTE PIPING SHALL DISCHARGE THROUGH INTERCEPTOR PRIOR TO SANITARY CONNECTION.
 6. PROVIDE CLEANOUTS ACCESSIBLE FOR MAINTENANCE.
 7. PROVIDE SHUTOFF VALVES AT EACH FIXTURE.
 8. FIXTURES SHALL CONNECT TO EXISTING SANITARY AND WATER SYSTEMS.
 9. PROVIDE BACKFLOW PROTECTION WHERE REQUIRED.
 10. FIXTURES SHALL MEET WATER EFFICIENCY REQUIREMENTS PER IECC.

PROPOSED
1 / SEWER PLAN
 SCALE : 1/4" = 1'-0"

PROPOSED
1 / WATER SUPPLY PLAN
 SCALE : 1/4" = 1'-0"

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GREASE TRAP FLOW CALCULATION

| FIXTURE | DIMENSIONS (IN) | TOTAL VOLUME (GAL) | EFFECTIVE VOLUME (75%) | DRAIN TIME (MM) | CALCULATED FLOW (GPM) |
|-----------------------|-------------------|--------------------|------------------------|-----------------|-----------------------|
| 3-Comp Sink (3 bowls) | 20 X 24 X 12 EACH | 74.82 | 56.12 | 2.0 | 28.06 |
| MOP SINK | 24 x 24 x 8 | 19.95 | 14.96 | 1.0 | 14.96 |
| HAND SINK | 12 x 12 x 6 | 3.74 | 2.81 | 0.5 | 5.61 |

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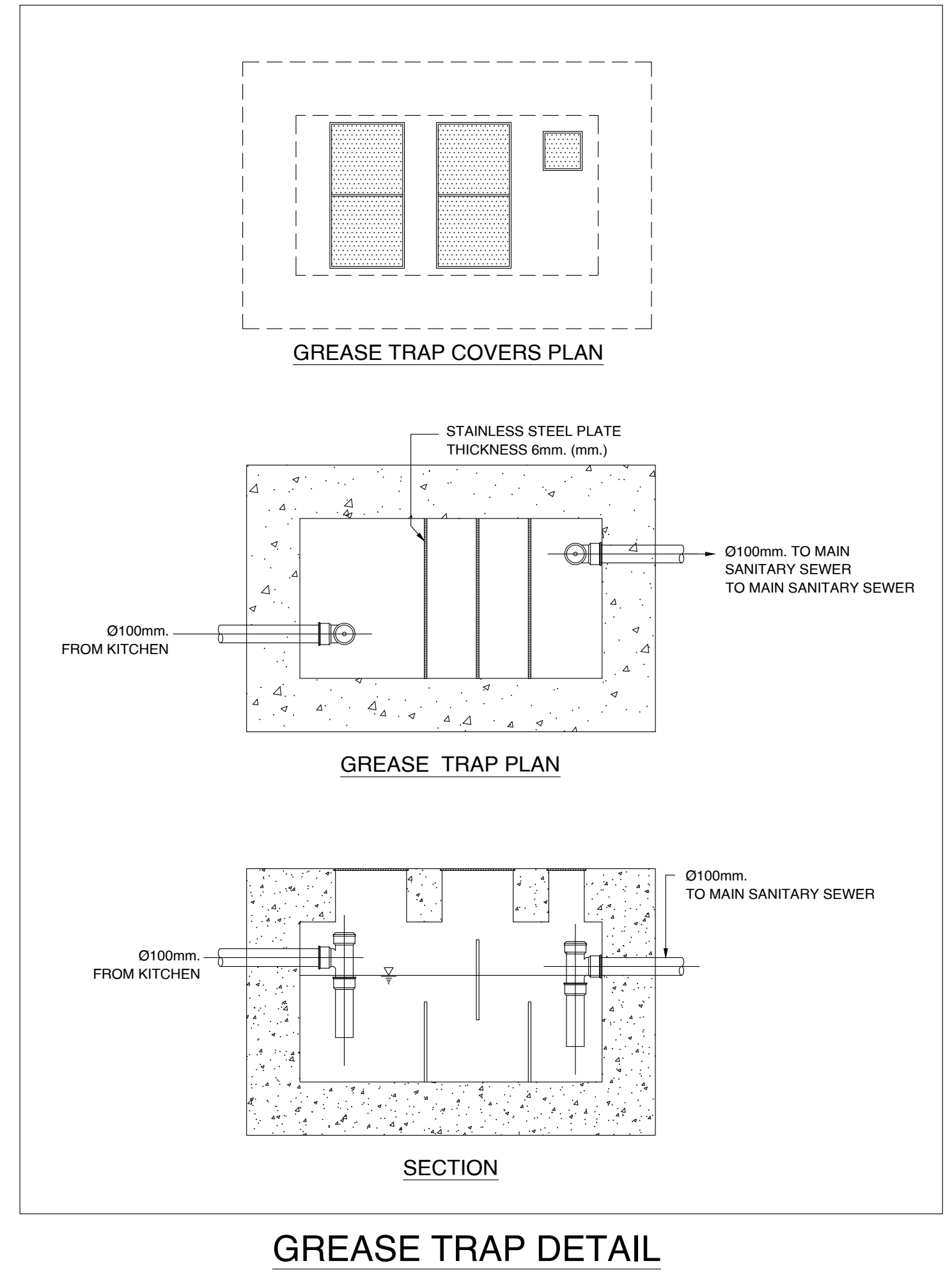
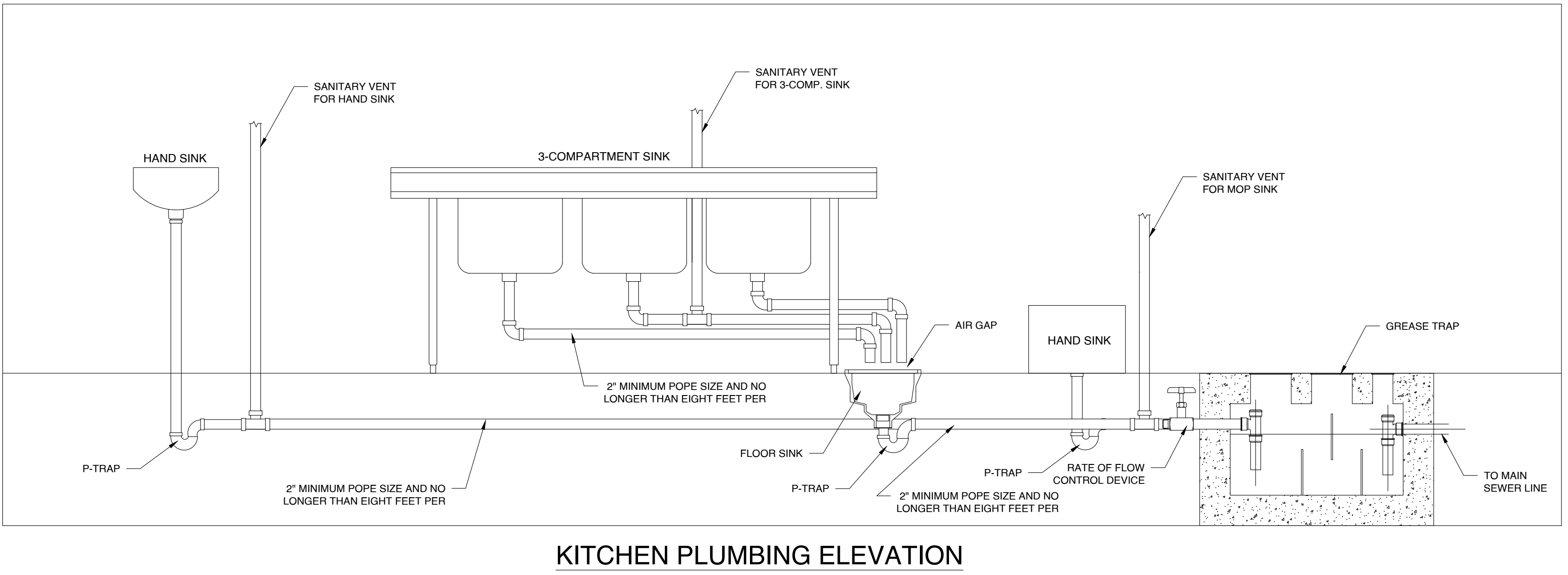
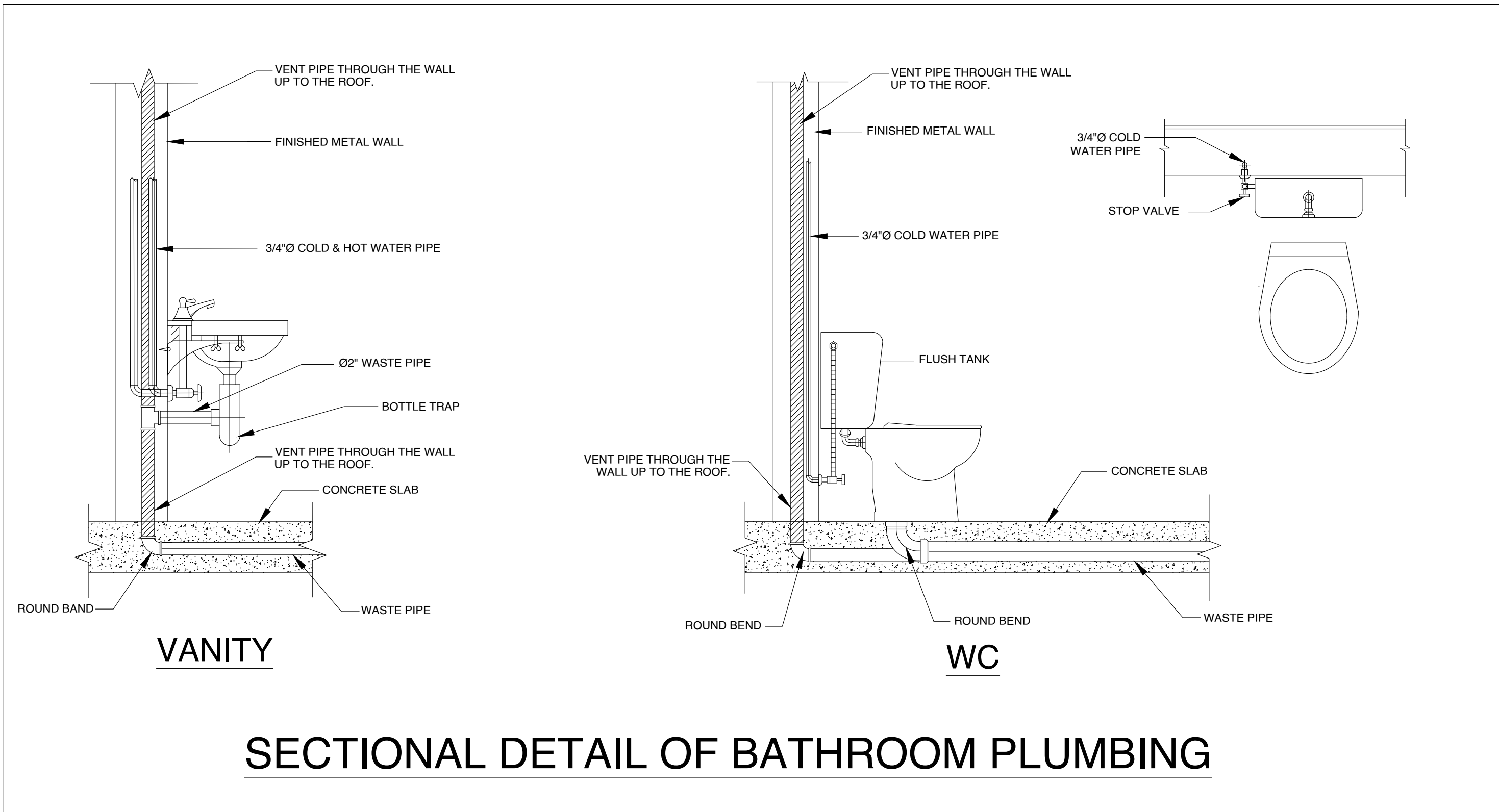
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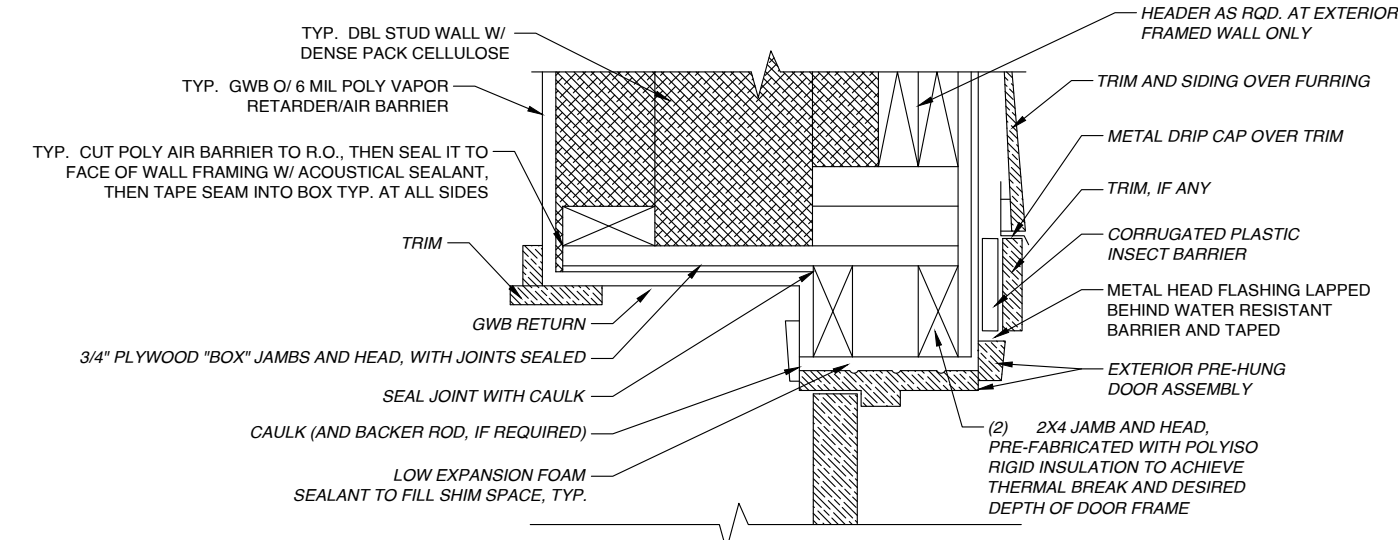
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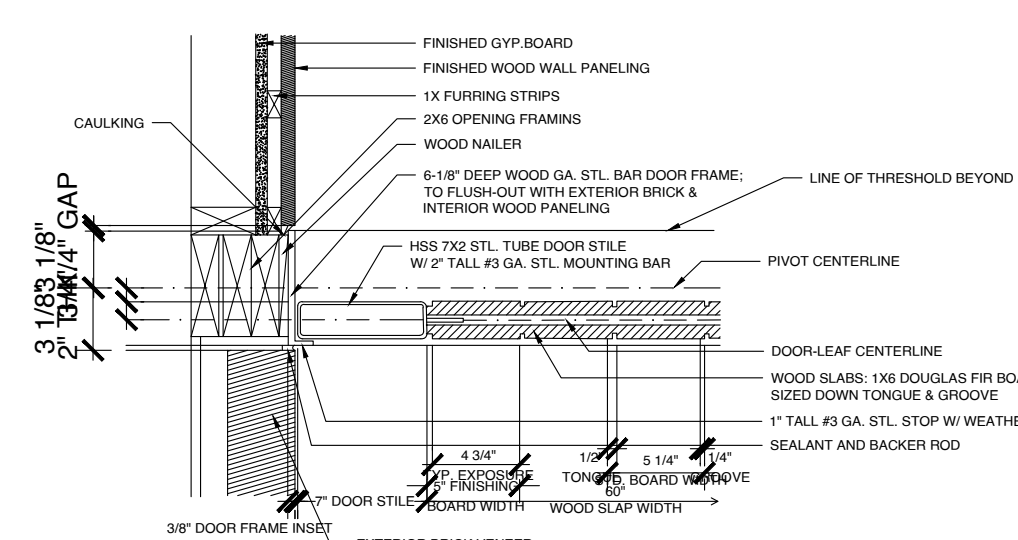
GREASE TRAP DETAIL

SECTIONAL DETAIL OF BATHROOM PLUMBING

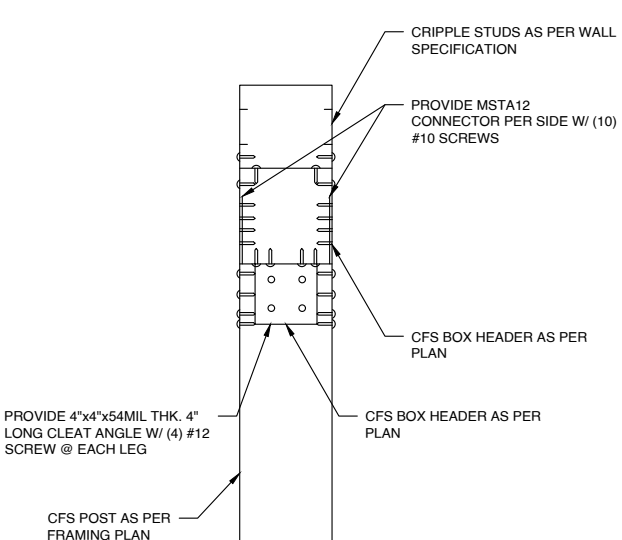
KITCHEN PLUMBING ELEVATION



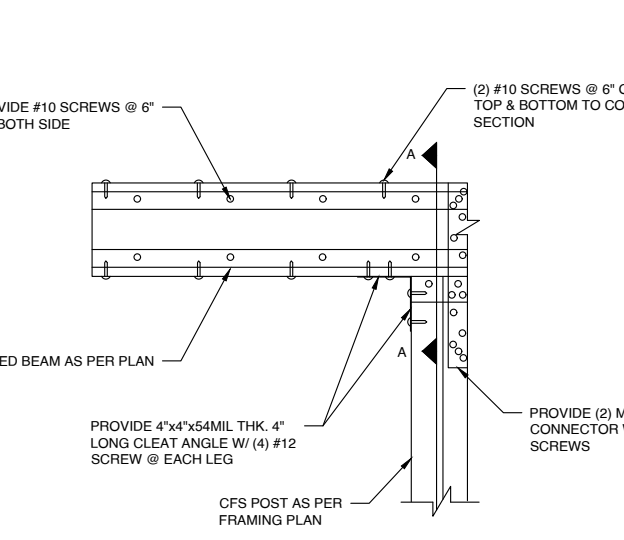
JAMB DETAIL



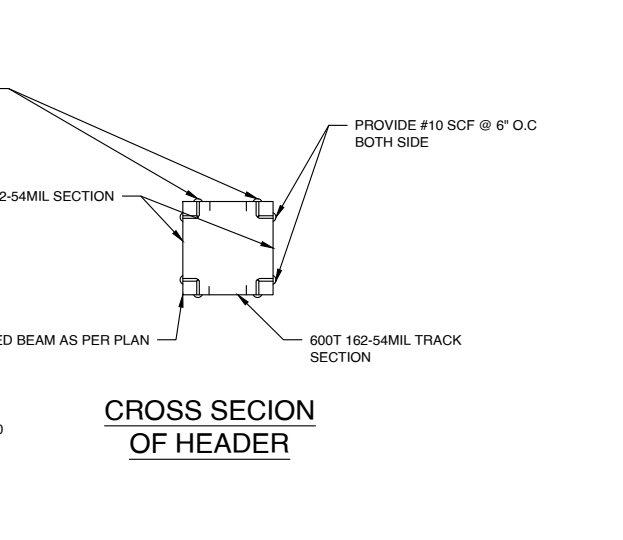
HEAD DETAIL



SECTION A-A

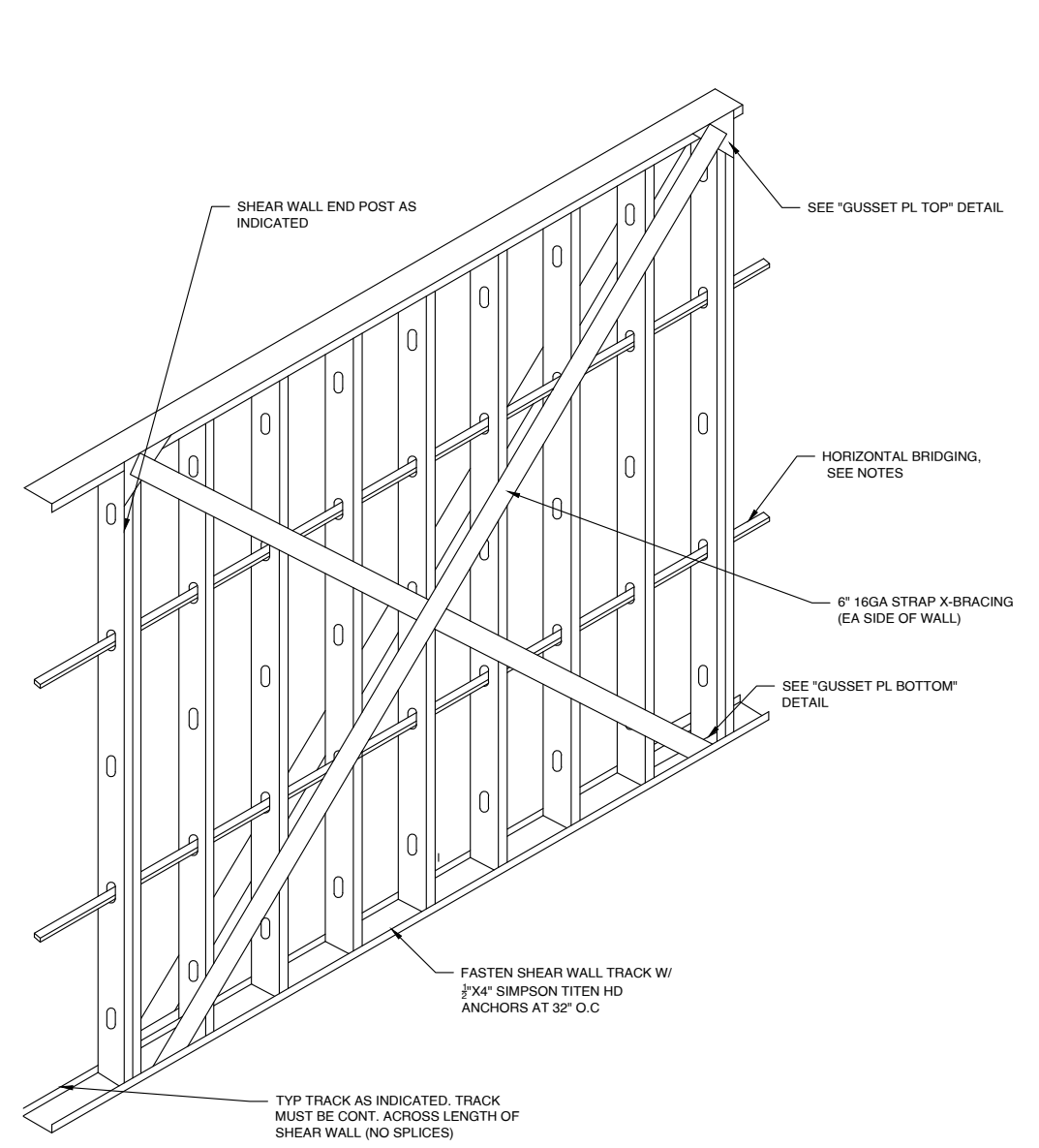


ELEVATION

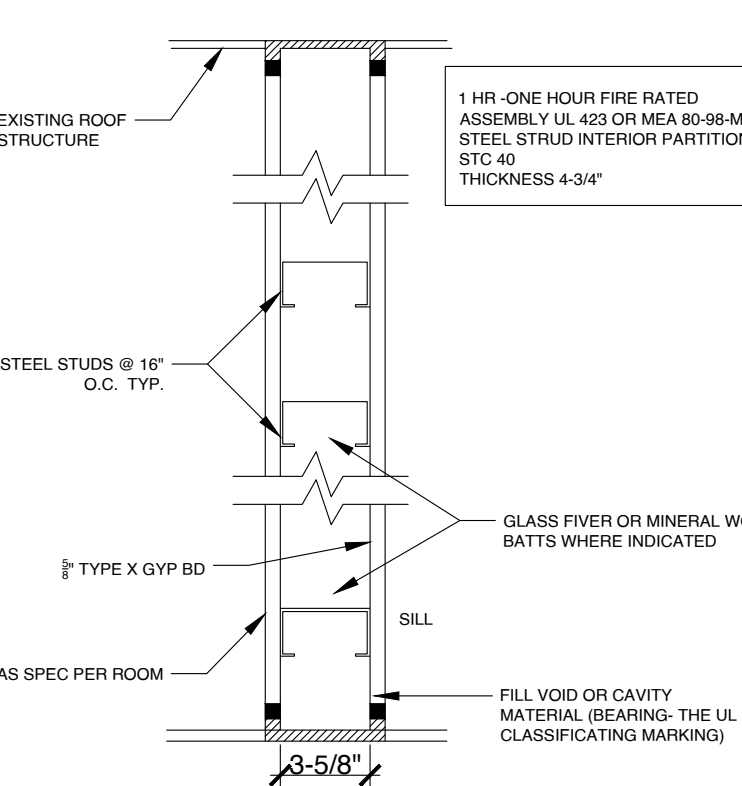


CROSS SECTION OF HEADER

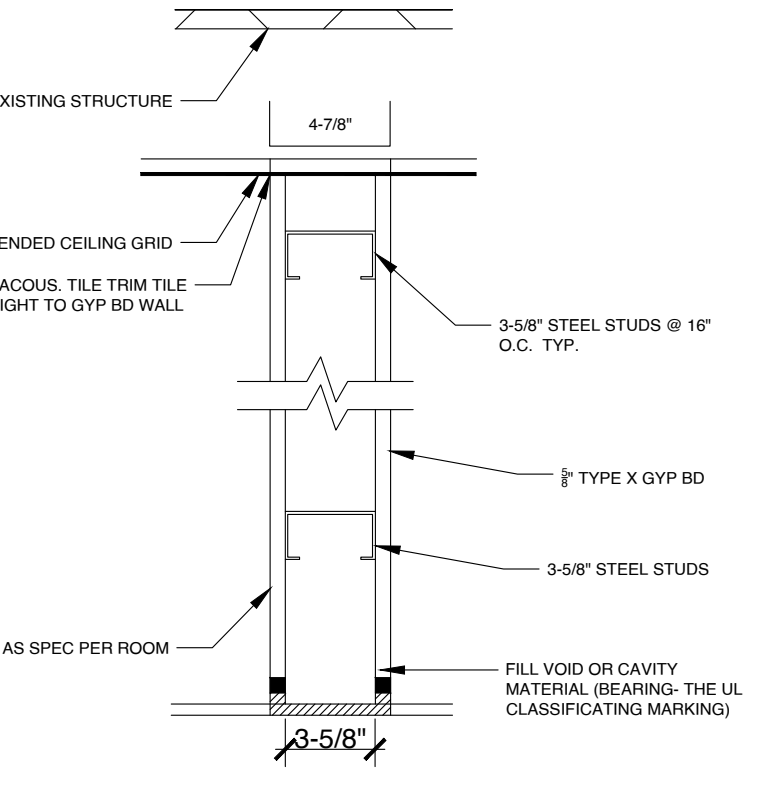
SECTION ARRANGEMENT



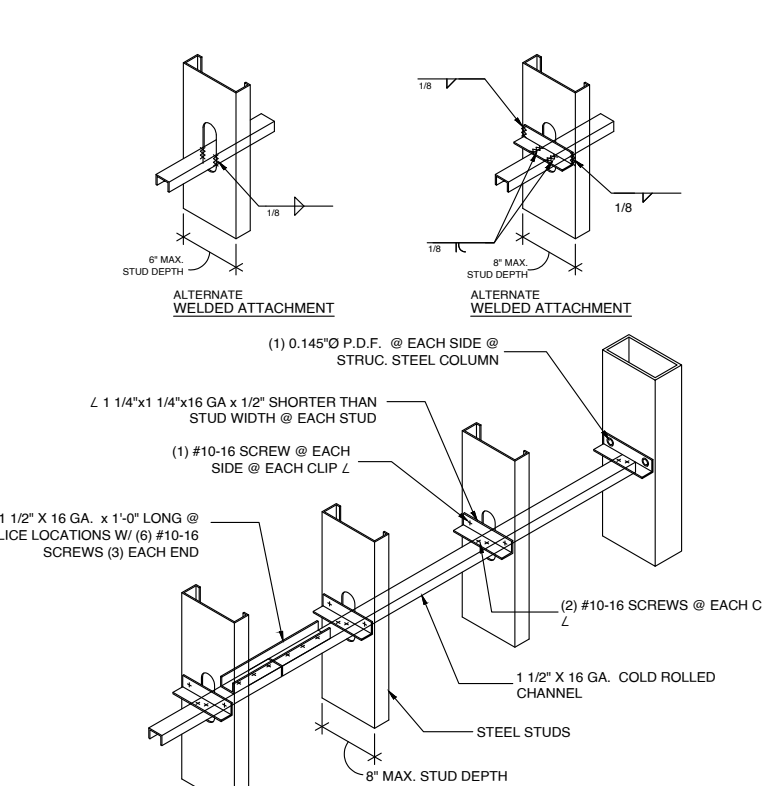
CFS-DIAGONAL STRIP SHEAR WALL DETAIL



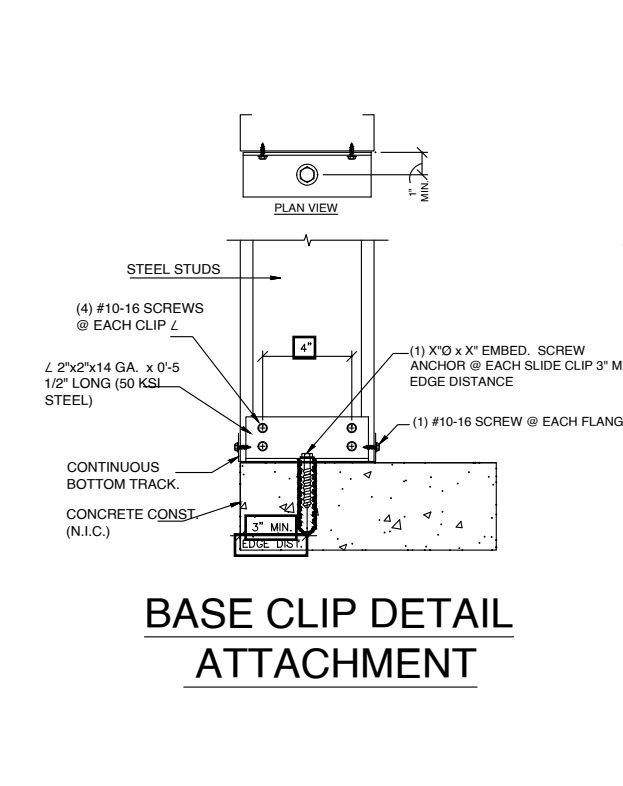
1-HR RATED WALL



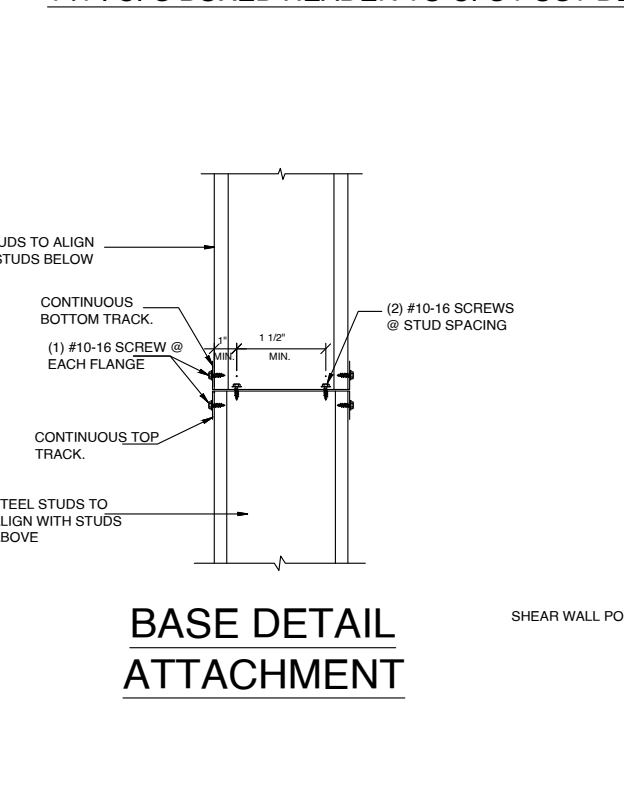
INTERIOR PARTITION WALL



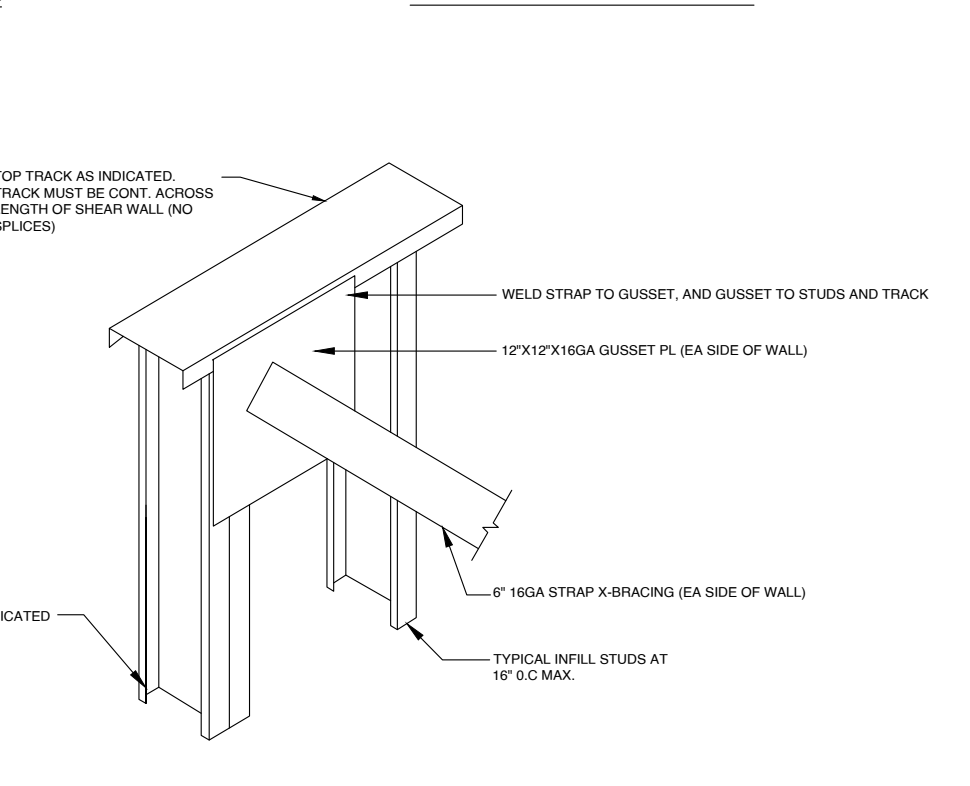
COLD ROLLED CHANNEL BRIDGING DETAIL



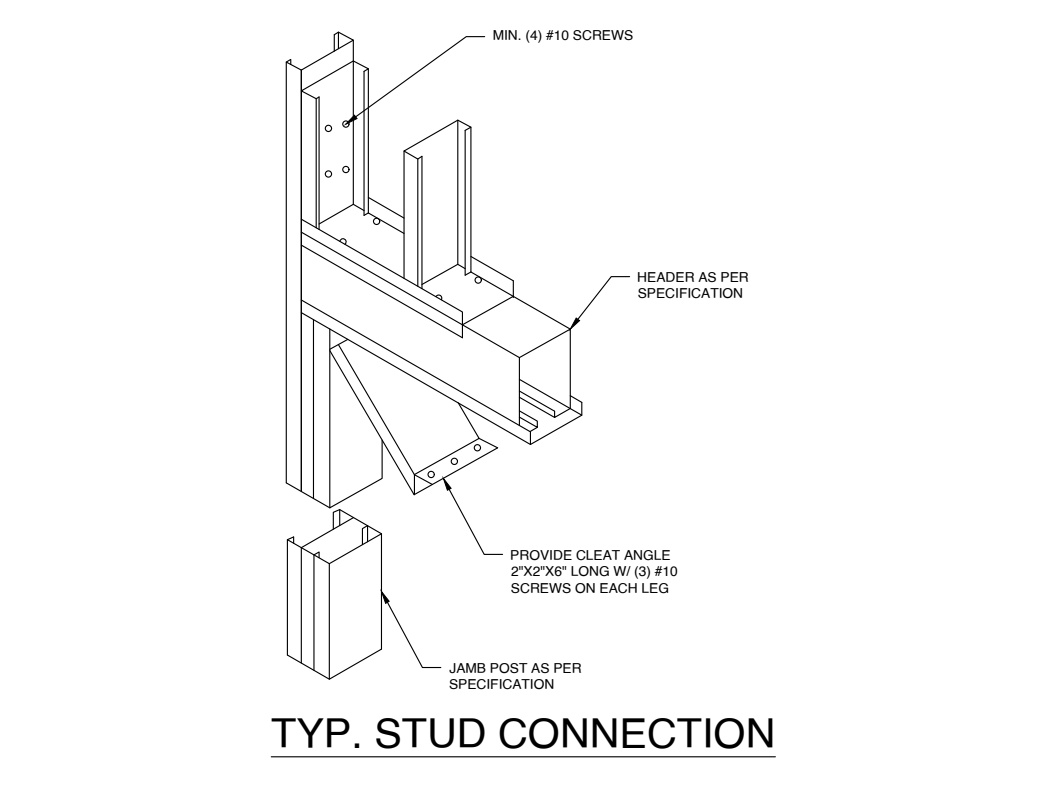
BASE CLIP DETAIL ATTACHMENT



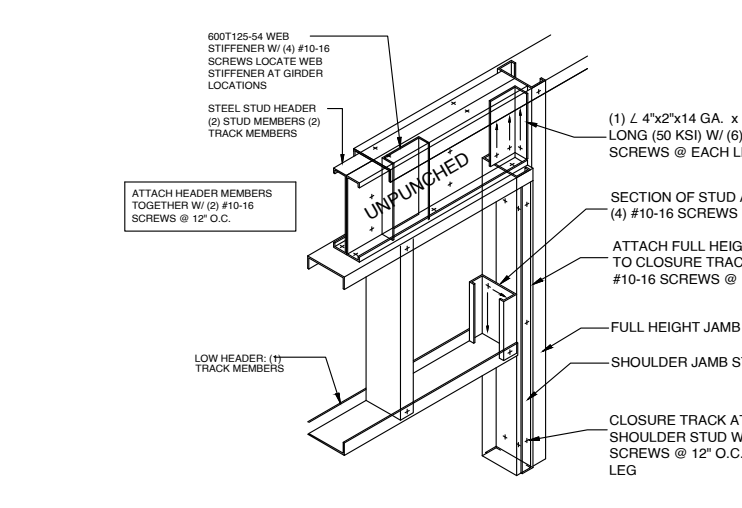
BASE DETAIL ATTACHMENT



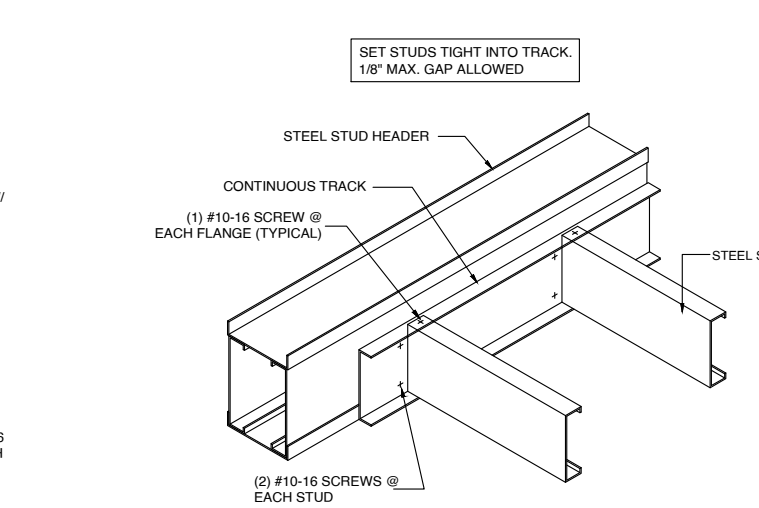
CFS-GUSSET PL TOP



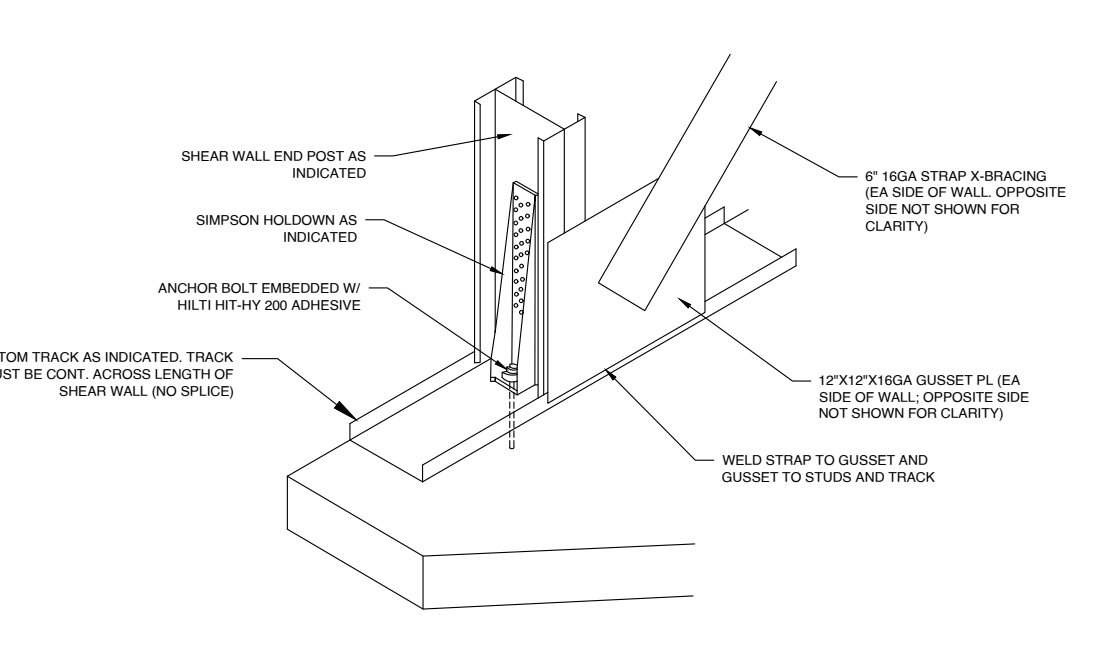
TYP. STUD CONNECTION



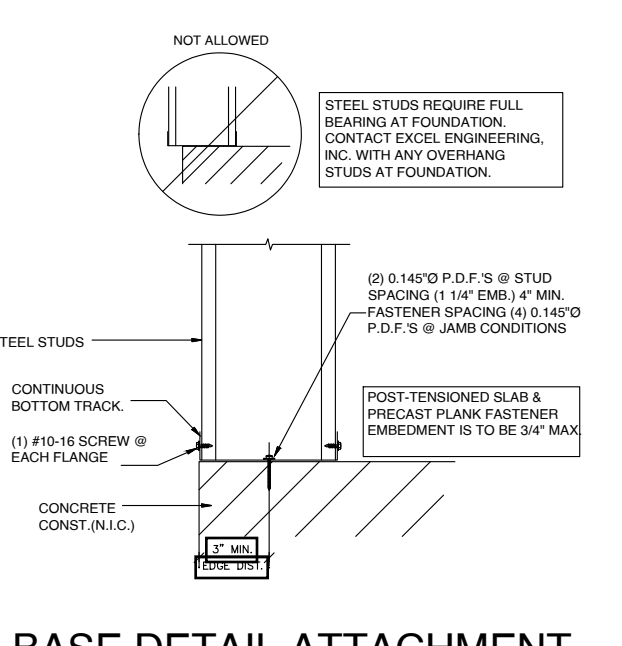
LOAD BEARING HEADER - JAMB ATTACHMENT



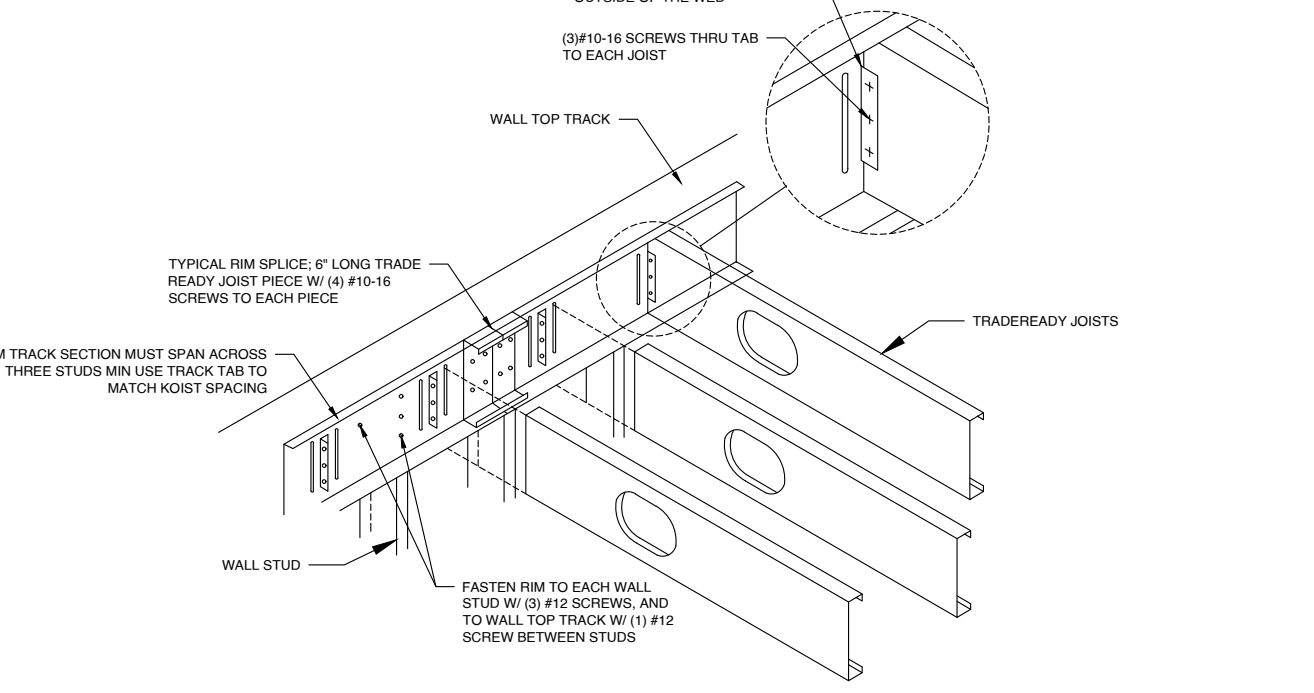
STUD TO HEADER ATTACHMENT



CFS-GUSSET PL BOTTOM



BASE DETAIL ATTACHMENT



CFS-RIM TRACK TYPICAL DETAIL

- NOTE:
- COLD-FORMED STEEL (CFS) SHEAR WALLS INCLUDING STUDS, CHORD, AND TOP AND BOTTOM TRACK DESIGN SHALL BE DELEGATED DESIGN. ALL MEMBERS SHALL BE 16GA MINIMUM.
 - STRAP BRACED WALLS SHALL BE DESIGNED IN ACCORDANCE WITH AISI S313 AND AISI S240 CURRENT EDITIONS.
 - WHERE CHORD COMPRESSION FORCES EXCEED THE CAPACITY OF A 3 STUD PACK, USE 16G TUBE STEEL MEMBER CHORD MEMBERS MUST FLUSH FLOOR TO FLOOR.
 - NO FIRE TRAILING IS ALLOWED IN TOP TRACK WITHIN SHEAR WALL OR WITHIN ANY WALL PLANE WITH SHEAR WALLS AND FUNCTIONING AS COLLECTORS.
 - SPLICE TOP TRACK BETWEEN CHORDS TO DEVELOP THE TENSION OR COMPRESSION CHORD FORCE, WHICHEVER IS GREATER.

STAMP

PROJECT FOR
2414 TEXAS AVE UNIT B
COLLEGE STATION TX 77840
 REMODELING & RENOVATION OF
 COMMERCIAL UNIT

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