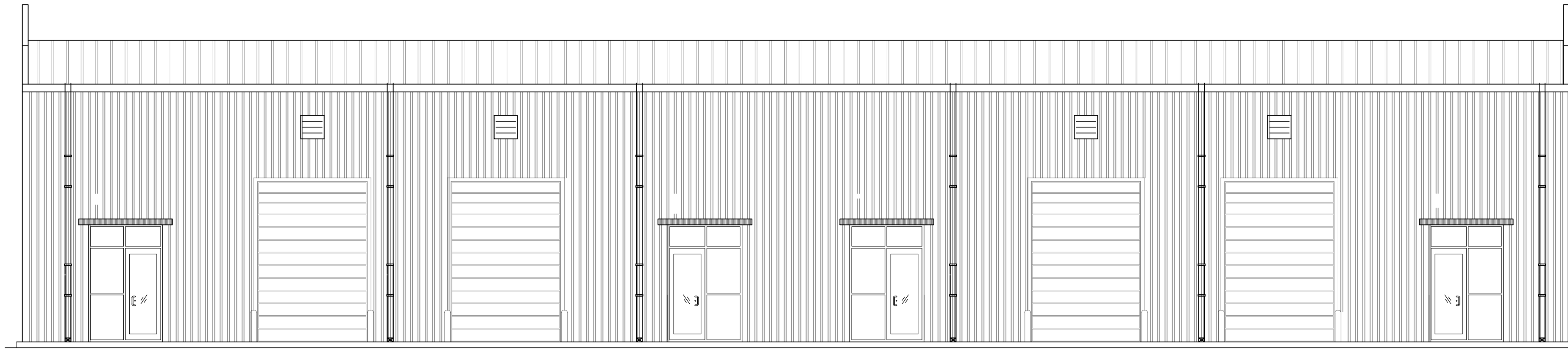




# PROP. OFFICE/WAREHOUSE LOCATED AT 7115 FAIRVIEW STREET, HOUSTON, TX-77041.

No.	DATE	REVISIONS



**FRONT ELEVATION**

**CODE ANALYSIS**

**PROJECT DESCRIPTION**

PROJECT NAME : PROPOSED ONE STORY OFFICE/WAREHOUSE BUILDING  
 LOCATION : 7115 FAIRVIEW STREET, HOUSTON, TX-77041.  
 PROJECT DESCRIPTION: A GROUND UP CONSTRUCTION OF A ONE STORY SHELL BUILDING 10,164 SQ.FT.

**BUILDING CODES:**

ALL WORK PROCEDURES, CRAFTSMANSHIP & CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING CODES & AMENDMENTS PER THEIR ADOPTING ORDINANCES.

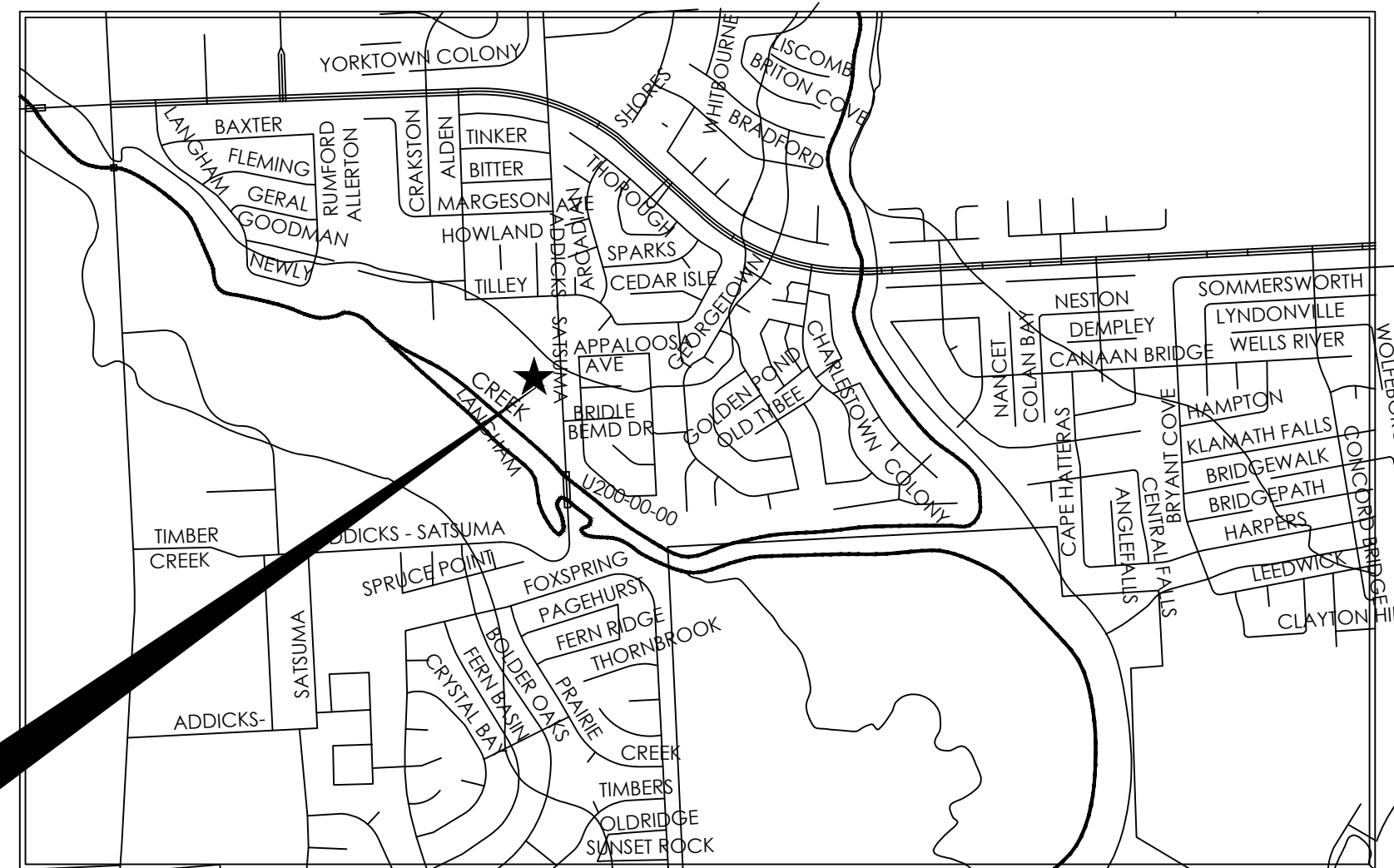
BUILDING	2021 IBC	INTERNATIONAL BUILDING CODE, WITH HARRIS COUNTY AMENDMENTS
FIRE CODE	2021 IFC	INTERNATIONAL FIRE CODE
MECHANICAL	2021 I.M.C	INTERNATIONAL MECHANICAL CODE
ELECTRICAL	2020 NEC	NATIONAL ELECTRICAL CODE
PLUMBING	2021 I.P.C	INTERNATIONAL PLUMBING CODE
ENERGY CODE	2015 IECC	INTERNATIONAL ENERGY CONSERVATION CODE ASHRAE 90.1.2013 ENERGY CODE LATEST EDITION (with all the addendums); TEXAS DEPARTMENT OF LICENSING & REGULATIONS (TDLR)
ACCESSIBILITY	2010 ADA.TDLR	AMERICAN DISABILITIES ACT LATEST EDITION (with all the addendums); TEXAS DEPARTMENT OF LICENSING & REGULATIONS.

CONTRACTOR SHALL INFORM CITY/COUNTY INSPECTION DEPARTMENT, AND OTHER GOVERNING AGENCIES PRIOR TO START OF CONSTRUCTION AND AT ALL STAGES AS REQUIRED AND BY ALL GOVERNING AGENCIES.

**PROJECT TITLE**

**FAIRVIEW OFFICE/WAREHOUSE  
BUILDING-2  
LOCATED AT  
7115 FAIRVIEW STREET  
HOUSTON, TX 77041**

**PROJECT LOCATION**

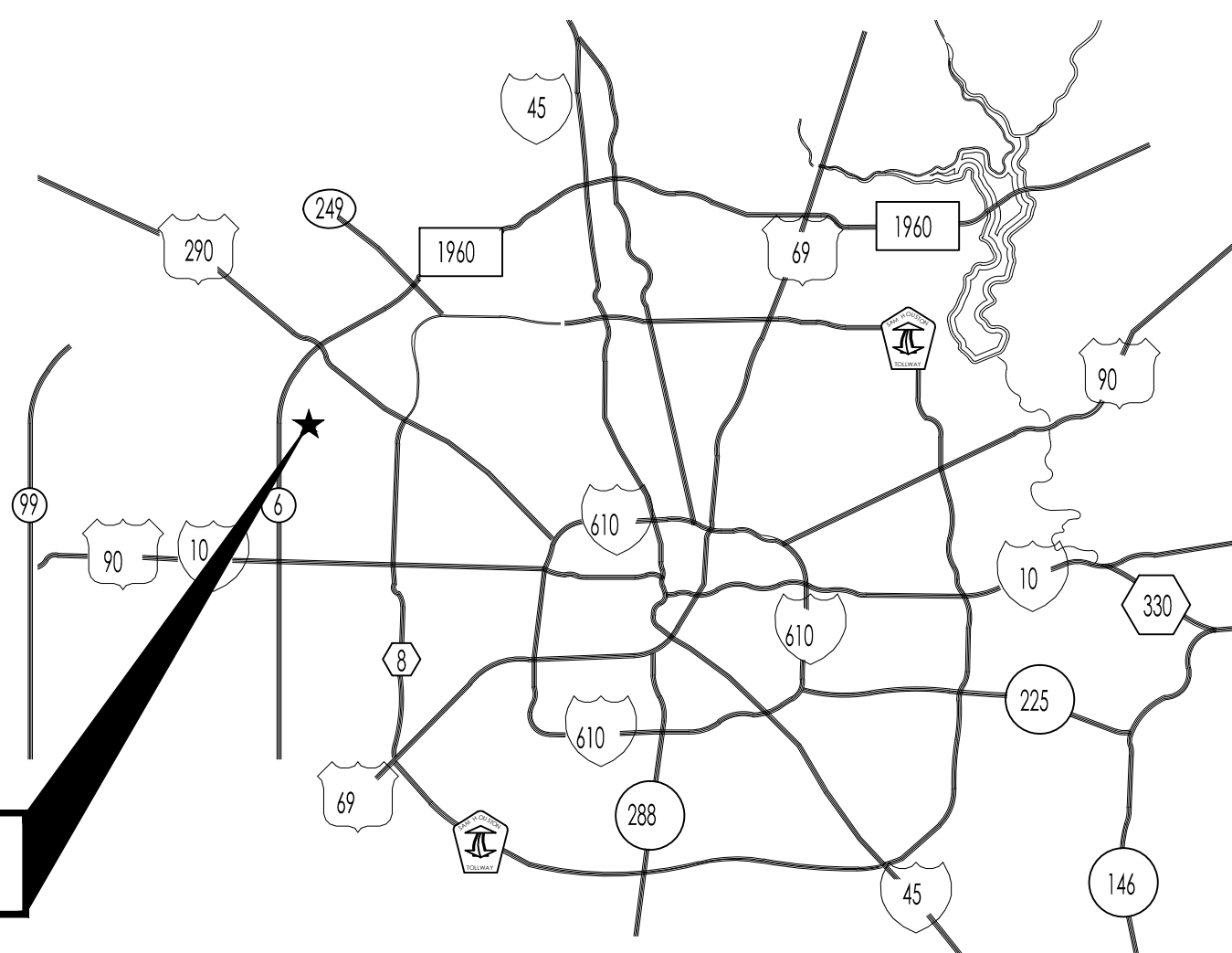


**SHEET INDEX**

**ARCHITECTURAL**

- |       |                               |
|-------|-------------------------------|
| FCR   | FIRE CODE REVIEW SHEET        |
| A-0.0 | COVER SHEET                   |
| A-0.1 | GENERAL NOTES                 |
| A-1.0 | FLOOR PLAN                    |
| A-1.1 | ROOF PLAN                     |
| A-2.0 | ELEVATIONS                    |
| A-3.0 | REFLECTED CEILING PLAN        |
| A-4.0 | DOOR, WINDOW, FINISH SCHEDULE |
| A-4.1 | REST ROOM DETAILS             |
| A-5.0 | PARTITION WALL TYPES          |
| A-5.1 | U.I. DESIGN NOTES             |
| A-6.0 | BUILDING SECTIONS             |
| A-6.1 | BUILDING SECTIONS             |
| ADA-1 | ADA NOTES & DETAILS-1         |
| ADA-2 | ADA NOTES & DETAILS-2         |

**KEY MAP**



**GENERAL NOTES:**

- NOTES:
- CONTRACTOR TO PROVIDE FOUNDATION, FRAMING, STEEL WELDING/ CONNECTION AND ALL RELATED INSPECTION REQUIRED AS PER IBC 2021 CHAPTER 17.
  - CONTRACTOR SHALL APPLY FOR & PROCURE ALL REQUIRED PERMITS TO COMMENCING WORK.
  - CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES PRIOR COMMENCING WORK. CONTACT UTILITIES COMPANIES MINIMUM 48 HOURS PRIOR ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, ETC. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF THESE UTILITIES.
  - CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGN WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS &/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN FORESEEN IN THE DESIGN. SUCH CONDITIONS SHALL BE BROUGHT UP TO THE OWNERS REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY NECESSARY CHANGES DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
  - CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER SUBCONTRACTORS ON THE JOBSITE AS REQUIRED TO COMPLETE CONSTRUCTION.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR QUANTITIES ON PLAN SHOWN BY SYMBOLS. THE PURPOSE IS FOR CONVENIENCE ONLY.

**SPECIAL INSPECTIONS AS PER 2021 IBC, CHAPTER 17 (1704.1704.3, 1705.4 AND 1706.1)**

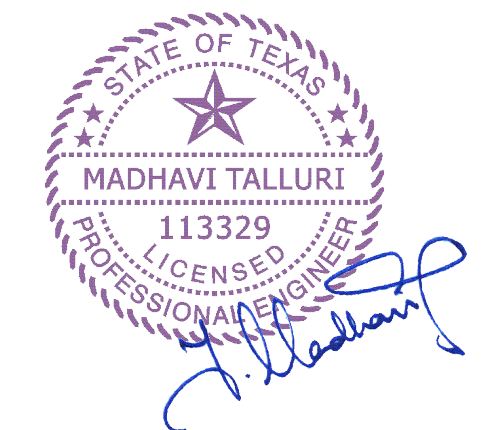
**1704.1 GENERAL**  
SPECIAL INSPECTIONS AND TESTS, STATEMENTS OF SPECIAL INSPECTIONS, RESPONSIBILITIES OF CONTRACTORS, SUBMITTALS TO THE BUILDING OFFICIAL AND STRUCTURAL OBSERVATIONS SHALL MEET THE APPLICABLE REQUIREMENTS OF THIS SECTION.

**1704.3 STATEMENT OF SPECIAL INSPECTIONS**  
WHERE SPECIAL INSPECTIONS OR TESTS ARE REQUIRED BY SECTION 1705, THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE SHALL PREPARE A STATEMENT OF SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1704.3.1 FOR SUBMITTAL BY THE APPLICANT IN ACCORDANCE WITH SECTION 1704.2.3.

**1705.4 MASONRY CONSTRUCTION**  
SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM REQUIREMENTS OF TMS 402/ACI 530/ASCE 5 AND TMS 602/ACI 530.1/ASCE 6

**1706.1 CONFORMANCE TO STANDARDS**  
THE DESIGN STRENGTHS AND PERMISSIBLE STRESSES OF ANY STRUCTURAL MATERIAL THAT ARE IDENTIFIED BY A MANUFACTURER'S DESIGNATION AS TO MANUFACTURE AND GRADE BY MILL TESTS, OR THE STRENGTH AND STRESS GRADE IS OTHERWISE CONFIRMED TO THE SATISFACTION OF THE BUILDING OFFICIAL, SHALL CONFORM TO THE SPECIFICATIONS AND METHODS OF DESIGN OF ACCEPTED ENGINEERING PRACTICE OR THE APPROVED RULES IN THE ABSENCE OF APPLICABLE STANDARDS.

**SEAL**



DATE: 11/20/2025

**GENERAL NOTES:**

CTG Project Number: 24029

Drawn By: s.k

Checked By: T.M

Scale: N.T.S

File Path:

\\ctg\unsh\building-2\0-00 cover sheet

SHEET TITLE:

**COVER SHEET**

SHEET NUMBER:

A-0.0



# FIRE FLOW CALCULATOR



\*This is an electronic form please fill out all required fields before printing.\*

P R O J E C T	Name: <u>FAIRVIEW OFFICE/WAREHOUSE BUILDINGS</u> <b>BLDG PROJECT #:</b> _____
	Address: <u>7115 FAIRVIEW ST</u> Building: <u>BLDG-1, 2, 3, 4</u> Suite: _____
	City: <u>HOUSTON</u> State: <u>TX</u> Zip code: <u>77041</u> Key Map: <u>409N</u>

F I R E D E P T	Responding Fire Department: <u>Cy-Fair Volunteer Fire Department</u>
	Address: <u>6404 ELDRIDGE ROAD</u> Station # <u>06</u>
	City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77041</u>

B L D G	Most Hazardous Fire Area (*) Or Total Building Square Feet	Average height of the building in feet.	Total cubic feet of the building
	<u>10,164</u>	<u>26</u>	<u>264,264</u>

C A L C S	Exposed hazard	Occupancy classification per IBC 2006	Construction classification per IBC 2006
	<u>Less than 50 feet</u>	<u>Factory group 1</u>	<u>Types II A&amp;B</u>

R E D U C I O N S	Provided Type of Storage: <input checked="" type="checkbox"/> Fire Water Stored in Above Ground Tank <input type="checkbox"/> Dry hydrant with fire pond
	Fire Protection: <input checked="" type="checkbox"/> Non-Sprinkled <input type="checkbox"/> Fire Sprinkled
	<p align="center"><b>FIRE-FLOW CALCULATION AREA</b></p> <p><b>B104.1 General.</b> The fire-flow calculation area shall be the total floor area of all floor levels within the exterior walls, and under the horizontal projections of the roof of a building, except as modified in Section B104.3.</p> <p><b>B104.2 Area separation.</b> Portions of buildings that are separated by <i>fire walls</i> without openings, constructed in accordance with the International Building Code, are allowed to be considered as separate fire-flow calculation areas.</p> <p><b>B104.3 Type IA and Type IB construction.</b> The fire-flow calculation area of buildings constructed of Type IA and Type IB construction shall be the area of the three largest successive floors. Exception: Fire-flow calculation area for open parking garages shall be determined by the area of the largest floor.</p> <p><b>B105.3 Water supply for buildings equipped with an automatic sprinkler system.</b> For buildings equipped with an <i>approved automatic sprinkler system</i>, the water supply shall be capable of providing the greater of:</p> <ol style="list-style-type: none"> <li>1. The <i>automatic sprinkler system</i> demand, including hose stream allowance.</li> <li>2. The required <i>fire flow</i>.</li> </ol>

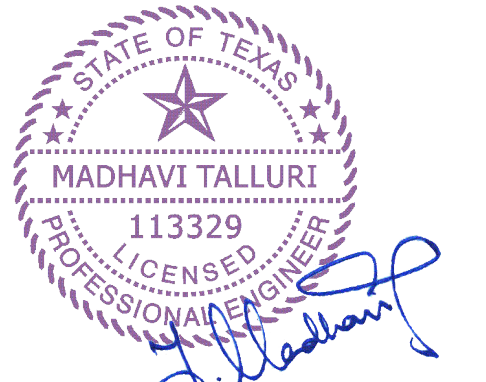
F I N A L	<div style="border: 2px solid red; background-color: red; color: black; padding: 5px; display: inline-block; font-weight: bold; font-size: 1.2em;">46,000</div> <b>Required Water Supply (Gallons)</b>
-----------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

No.	DATE	REVISIONS

PROJECT TITLE

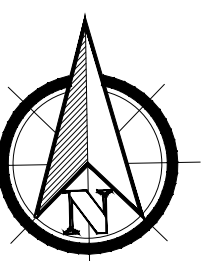
**FAIRVIEW OFFICE/WAREHOUSE BUILDINGS LOCATED AT 7115 FAIRVIEW STREET HOUSTON, TX 77041**

SEAL



DATE: 11/20/2025

GENERAL NOTES:



CTG Project Number: 24029

Drawn By: S.K.

Checked By: T.M.

Scale: 1" = 30'

File Path:

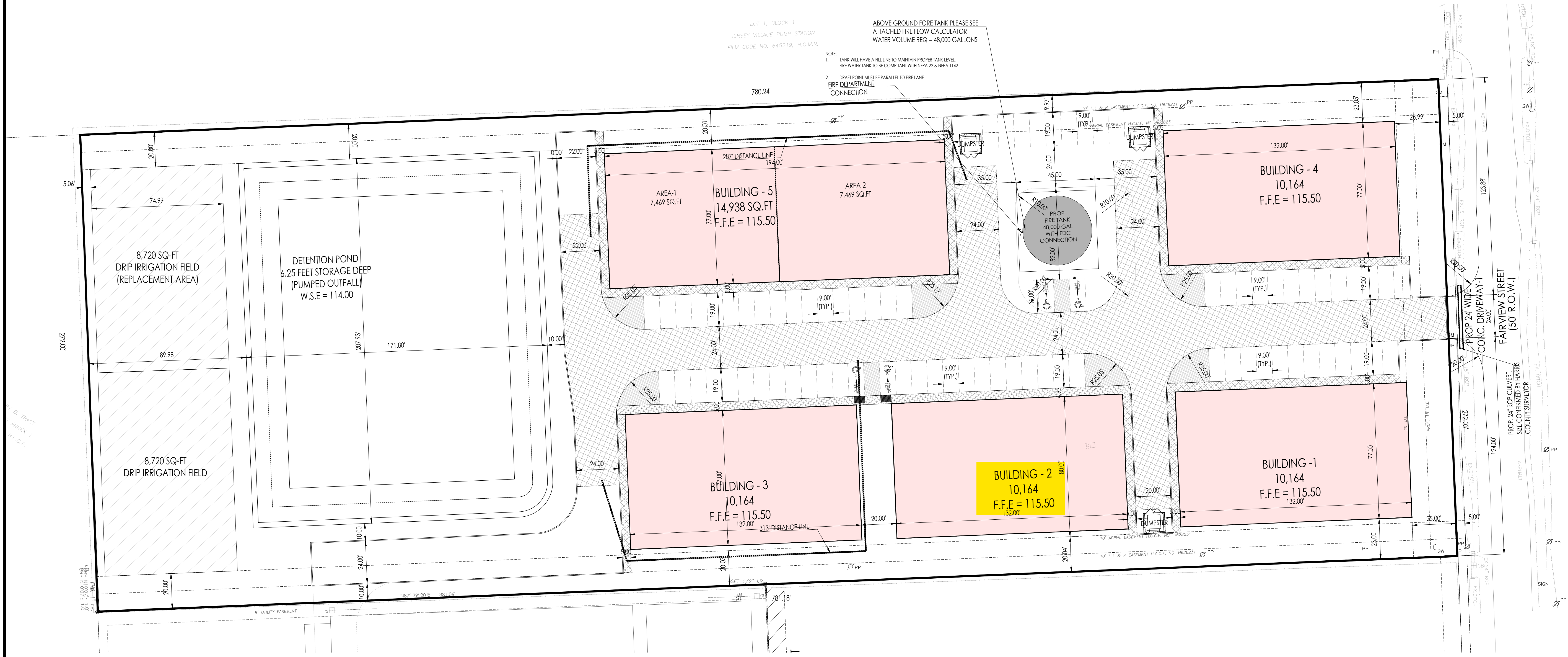
W:\proj\2024\04\2024 commercial\24029 - 7115 fairview\11-09-2025-1.0 fire lane layout

SHEET TITLE:

**FIRE LANE LAYOUT**

SHEET NUMBER:

**F-1.0**



**APPROVED FIRE LANE SIGN**



- NOTES:
1. AT THE BEGINNING AND END OF THE FIRE LANE, THE SIGN SHALL HAVE A SINGLE HEADED ARROW POINTING IN THE DIRECTION THE REGULATION IS IN EFFECT. THE INTERMEDIATE SIGNS SHALL HAVE DOUBLE HEADED ARROWS POINTING IN BOTH DIRECTIONS.
  2. THE MAXIMUM SPACING OF THE SIGNS SHALL BE 75', CONTINGENT UPON TRAFFIC ENGINEERING'S REVIEW AND APPROVAL.
  3. THE SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° WITH THE CURB OR LINE OF TRAFFIC FLOW
  4. THE CLEARANCE TO THE BOTTOM OF THE SIGN SHALL BE 7 FEET. THERE SHALL BE NO OTHER SIGNS ATTACHED TO THE SIGN OR THE SIGN POLE.
  5. THE SIGN PLATE SHALL BE A MINIMUM OF 12" X 18" WITH A THICKNESS OF 0.80".

**GENERAL NOTES**

\*CURBS LOCATED ON EITHER SIDE OF A FIRE LANE SHALL BE PAINTED RED OR A RED STRIPE SHALL BE PLACED ALONG THE PAVEMENT WHERE THERE IS NO CURB. WHERE A FIRE LANE PASSES BETWEEN HEAD-IN PARKING SPACES, THE RED STRIPE SHOULD BE PLACED ALONG THE REAR OF THESE SPACES CLEARLY DEFINING THE FIRE LANE. PAINTED CURBS AND FIRE LANE STRIPES SHALL ALSO BE CONSPICUOUSLY AND LEGIBLY MARKED WITH THE WARNING "FIRE LANE-TOW AWAY ZONE" IN WHITE LETTERS AT LEAST THREE (3) INCHES IN HEIGHT, AT INTERVALS NOT EXCEEDING (50) FEET. WHERE FIRE LANES ARE CLEARLY DEFINED BY CURB/PAVEMENT STRIPING, FIRE LANE SIGNS ARE NOT REQUIRED. FIRE LANE SIGNS SHOULD BE PLACED EVERY (75) FEET ALONG ANY FIRE LANE WHERE PAVEMENT OR CURB STRIPING IS NOT PRACTICAL.

ANY COLOR OTHER THAN RED MAY BE USED IN "NO PARKING" AREAS THAT ARE NOT APPROVED FIRE LANES. RED COLORED CURBS, PAVEMENT STRIPING OR WHEEL STOPS SHALL BE USED ONLY TO DESIGNATE APPROVED FIRE LANES

**FIRE LANE STRIPING & SIGN REQUIREMENTS**

STRIPES : FROM THE POINT THE FIRE LANE BEGINS TO THE POINT THE FIRE LANE ENDS, THERE SHALL BE PAINTED ONE CONTINUOUS RED STRIPE HAVING A MINIMUM WIDTH OF AT LEAST SIX INCHES. FIRE LANES SHALL BE STENCILED EVERY 25 FEET APART, STATING "FIRE LANE," AND AT LEAST ONE OF THE FOLLOWING PHRASES: "NO PARKING," OR "TOW-AWAY ZONE," WITH WHITE LETTERING AT LEAST THREE INCHES HIGH WITH AT LEAST ONE HALF-INCH STROKE.

**NOTE FOR WATER LEVEL IN FIRE POND**

NORMAL WATER LEVEL (108.30') MUST MAINTAIN IN RETENTION POND THRU INSTALLING AUTO WATER LEVEL MONITORING AND AUTO MAKE-UP WATER SYSTEM. (BY OTHERS)

**FIRE DEPARTMENT ACCESS WAY**

ALL FIRE DEPARTMENT ACCESS ROADS SHALL COMPLY WITH IBC SEC 503.2.3 (SURFACE)-FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND CONSTRUCTED TO SUPPORT THE IMPOSED LOADS OF 75,000 POUNDS (34,000 KG) FIRE APPARATUS AND SHALL BE SURFACED SO AS TO PROVIDE ALL WEATHER DRIVING CAPABILITIES

**FIRE MAIN NOTE**

- ALL DEDICATED UNDERGROUND FIRE LINE PLANS MUST BE SUBMITTED TO FIRE PROTECTION GROUP FOR REVIEW AND APPROVAL BY OTHERS PRIOR TO SUBMITTING FIRE SPRINKLER SYSTEM PLANS. ANY WORK PROPOSED WITHIN HARRIS COUNTY RIGHT OF WAY ALSO REQUIRES SUBMISSION OF A NOTIFICATION OF CONSTRUCTION IN RIGHT-OF-WAY TO THE PUBLIC REVIEW GROUP.

**FIRE FLOW CALCULATOR**  
\*This is an electronic form please fill out all required fields before printing.\*

PROJECT: FAIRVIEW OFFICE/WAREHOUSE BUILDINGS BLDG PROJECT #: BLDG-1, 2, 3, 4  
Address: 7115 FAIRVIEW ST Building: BLDG-5 Suite: \_\_\_\_\_  
City: HOUSTON State: TX Zip code: 77041 Key Map: 409N

Responding Fire Department: Cy-Fair Volunteer Fire Department  
Address: 6404 ELDRIDGE ROAD Station # 06 Harris County, TX  
City: HOUSTON State: TX Zip: 77041

Most Hazardous Fire Area (*) Or: Total Building Square Feet	Average height of the building in feet.	Total cubic feet of the building
10,164	26	264,264

Exposed hazard	Occupancy classification per IBC 2006	Construction classification per IBC 2006
Less than 50 feet	Factory group 1	Types II A&B

Provided Type of Storage:  Fire Water Stored in Above Ground Tank  Dry hydrant with fire pond  
Fire Protection:  Non-Sprinkled  Fire Sprinkled

**Exceeds the 5,000 Gallons Water Supply Minimum, Provide Additional On-Site Storage**

**46,000**  
Required Water Supply (Gallons)

Reset Form Print Form

**FIRE FLOW CALCULATOR**  
\*This is an electronic form please fill out all required fields before printing.\*

PROJECT: FAIRVIEW OFFICE/WAREHOUSE BUILDINGS BLDG PROJECT #: BLDG-5  
Address: 7115 FAIRVIEW ST Building: BLDG-5 Suite: \_\_\_\_\_  
City: HOUSTON State: TX Zip code: 77041 Key Map: 409N

Responding Fire Department: Cy-Fair Volunteer Fire Department  
Address: 6404 ELDRIDGE ROAD Station # 06 Harris County, TX  
City: HOUSTON State: TX Zip: 77041

Most Hazardous Fire Area (*) Or: Total Building Square Feet	Average height of the building in feet.	Total cubic feet of the building
7,469	26	194,194

Exposed hazard	Occupancy classification per IBC 2006	Construction classification per IBC 2006
Less than 50 feet	Factory group 1	Types II A&B

Provided Type of Storage:  Fire Water Stored in Above Ground Tank  Dry hydrant with fire pond  
Fire Protection:  Non-Sprinkled  Fire Sprinkled

**Exceeds the 5,000 Gallons Water Supply Minimum, Provide Additional On-Site Storage**

**32,000**  
Required Water Supply (Gallons)

Reset Form Print Form



OFFICE OF THE COUNTY ENGINEER  
**DR. MILTON RAHMAN, P.E., PMP, CFM, ENV SP**

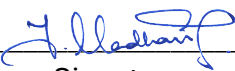
**Building Construction Permits  
 Effective October 1, 2025**

<b>Fire Code Permits</b>			
Permit Type	Yes	No	
Compressed gases	<input type="checkbox"/>	<input checked="" type="checkbox"/>	*Please see permit and inspection fees found on OCE and HCFMO websites.
Cryogenix fluids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Emergency responder communication coverage system	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Energy storage systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Flammable and combustible liquids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fuel cell power systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Gas detection systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Gates and barricades across fire apparatus access roads	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
High-Pile Storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Industrial ovens	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
LP-gas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Motor vehicle repair rooms and booths	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Plant extraction systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Smoke control or smoke exhaust systems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Solar photovoltaic power systems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Spraying or dipping.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Explosion control systems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Electric Vehicle Charging Stations.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

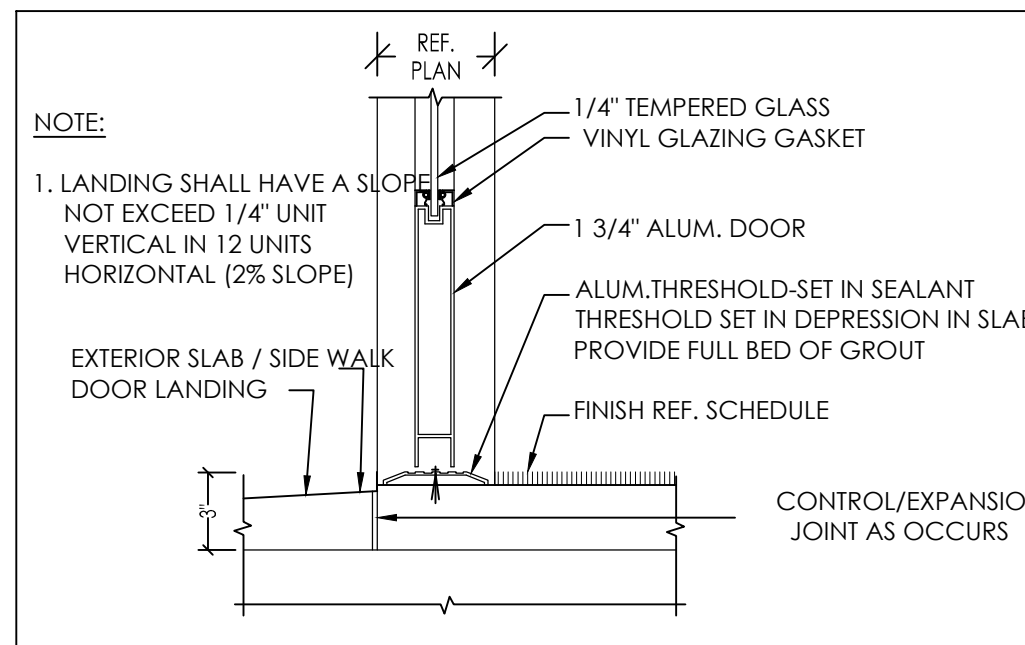
**Applicant:**

Check the permit type(s) that apply to your project. Complete, sign and include this document with your plan submittal. Each line item must be acknowledged. Individual permits will be added for any item that have "Yes" selected.

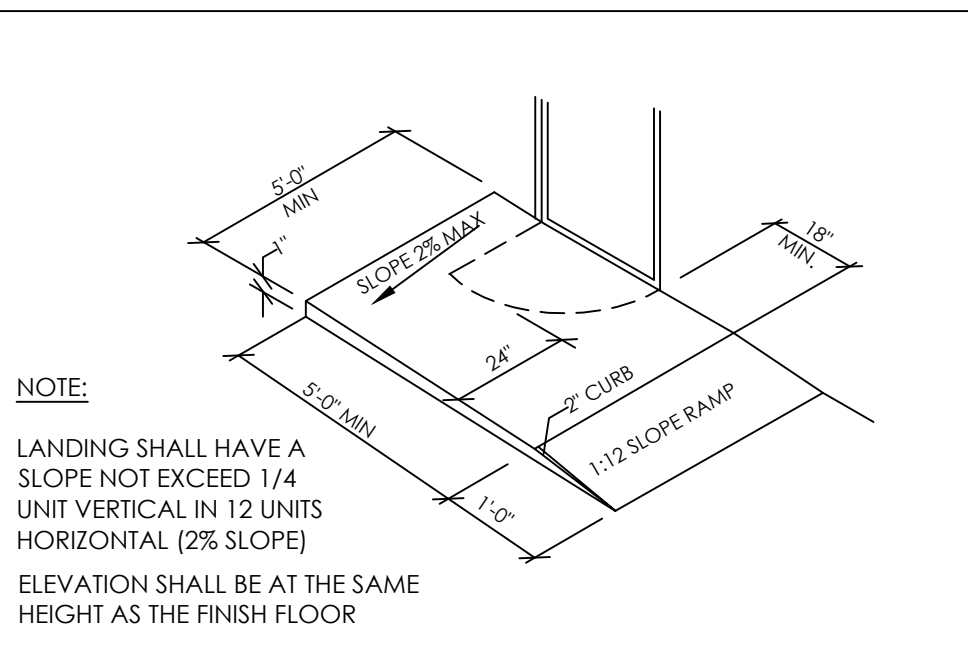
I, Madhavi Talluri, P.E., the owner applicant of this project hereby certifies that the information presented on this sheet is true and correct to the best of my knowledge.

  
 \_\_\_\_\_  
 Signature

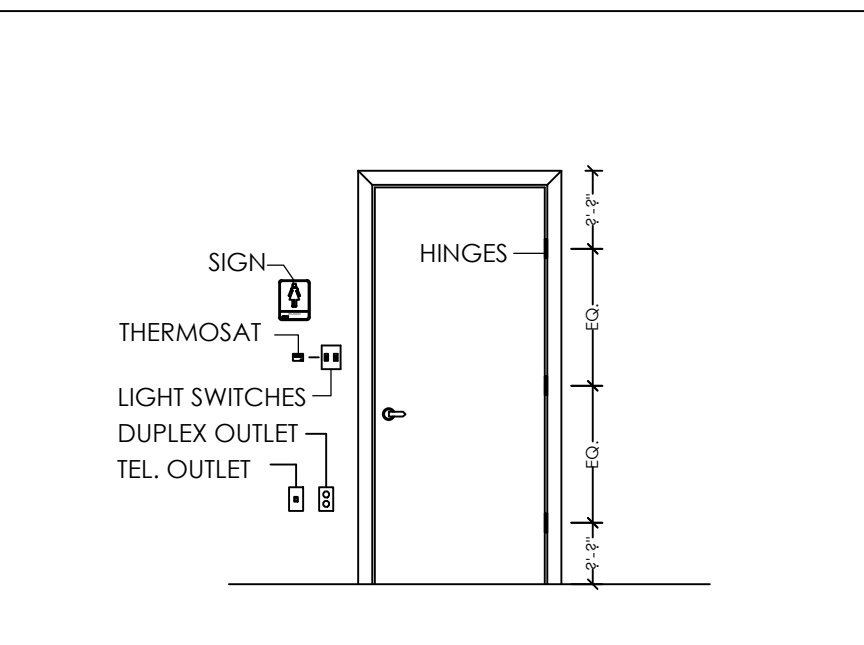




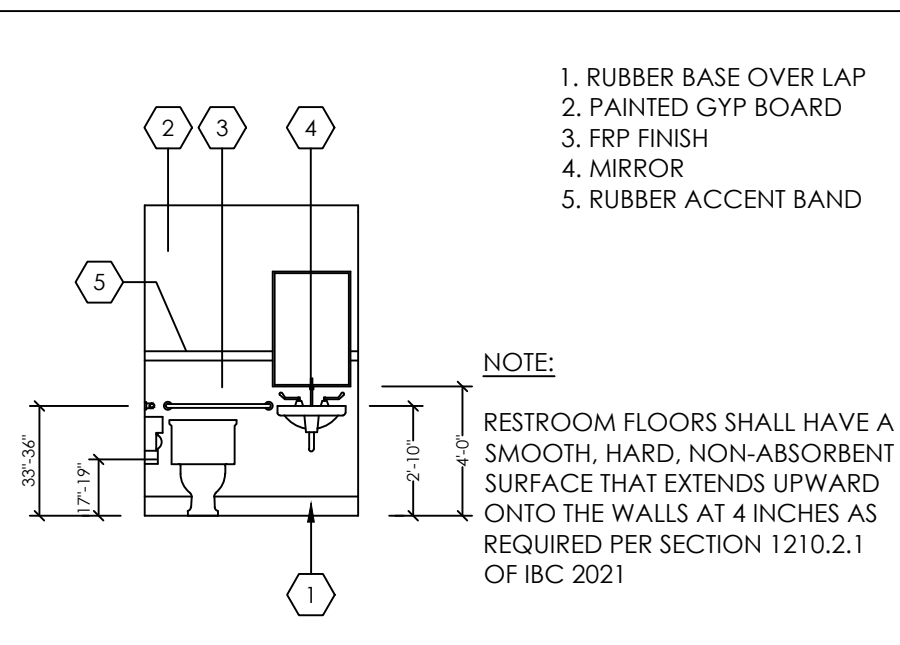
**1 DOOR THRESHOLD DETAIL** SCALE: N.T.S.



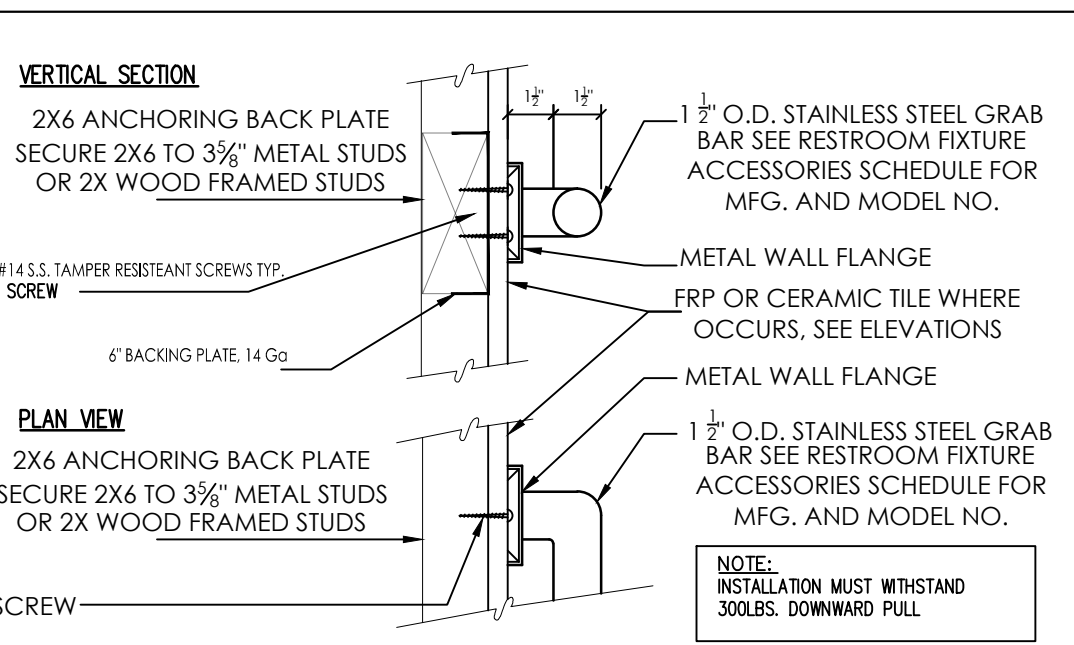
**2 LANDING DETAIL** SCALE: N.T.S.



**3 TYPICAL MOUNTING LOCATION** SCALE: N.T.S.



**4 REST ROOM ELEVATION** SCALE: N.T.S.



**5 GRAB BAR - PLAN/SECTION** SCALE: N.T.S.

**LEGEND**

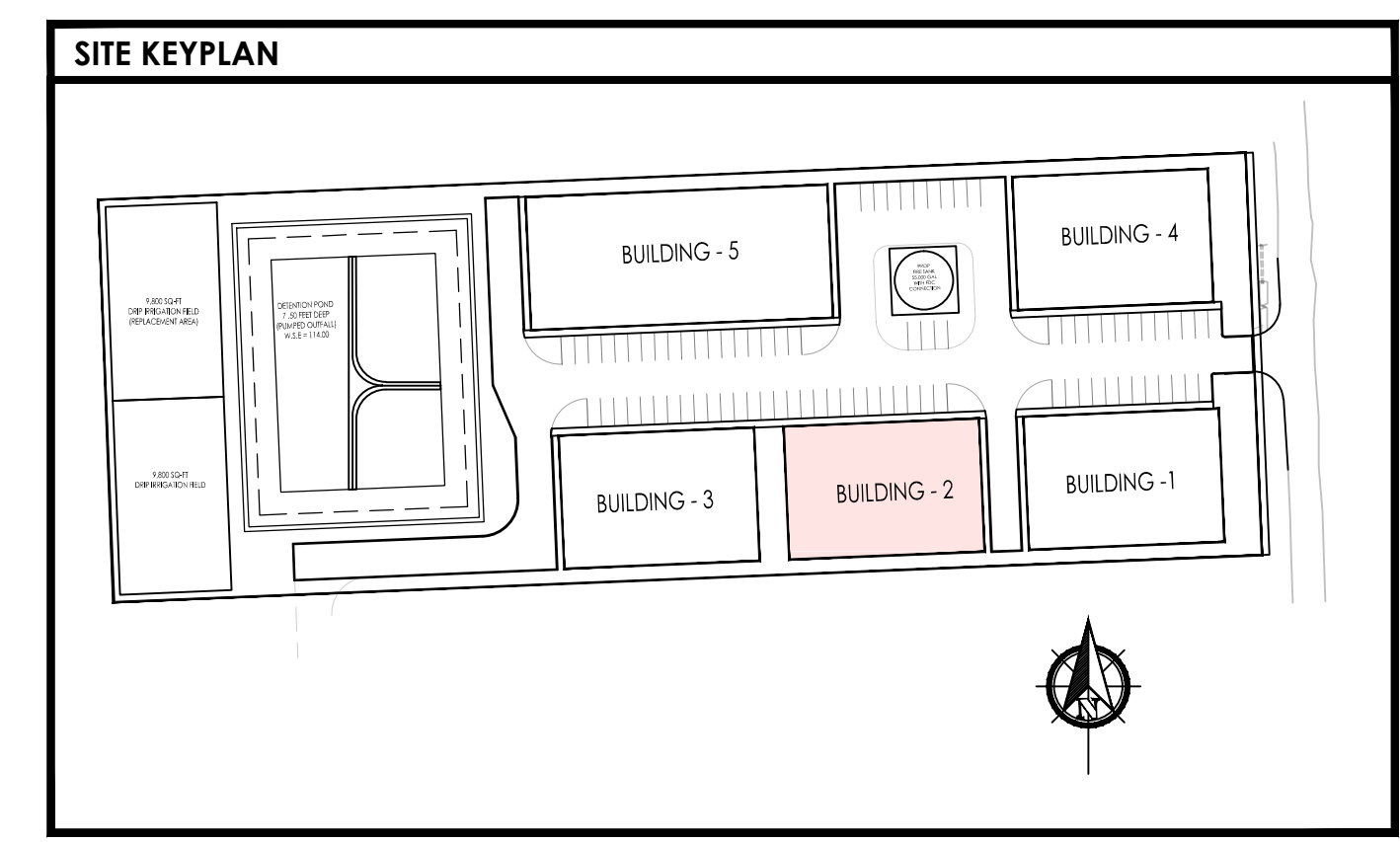
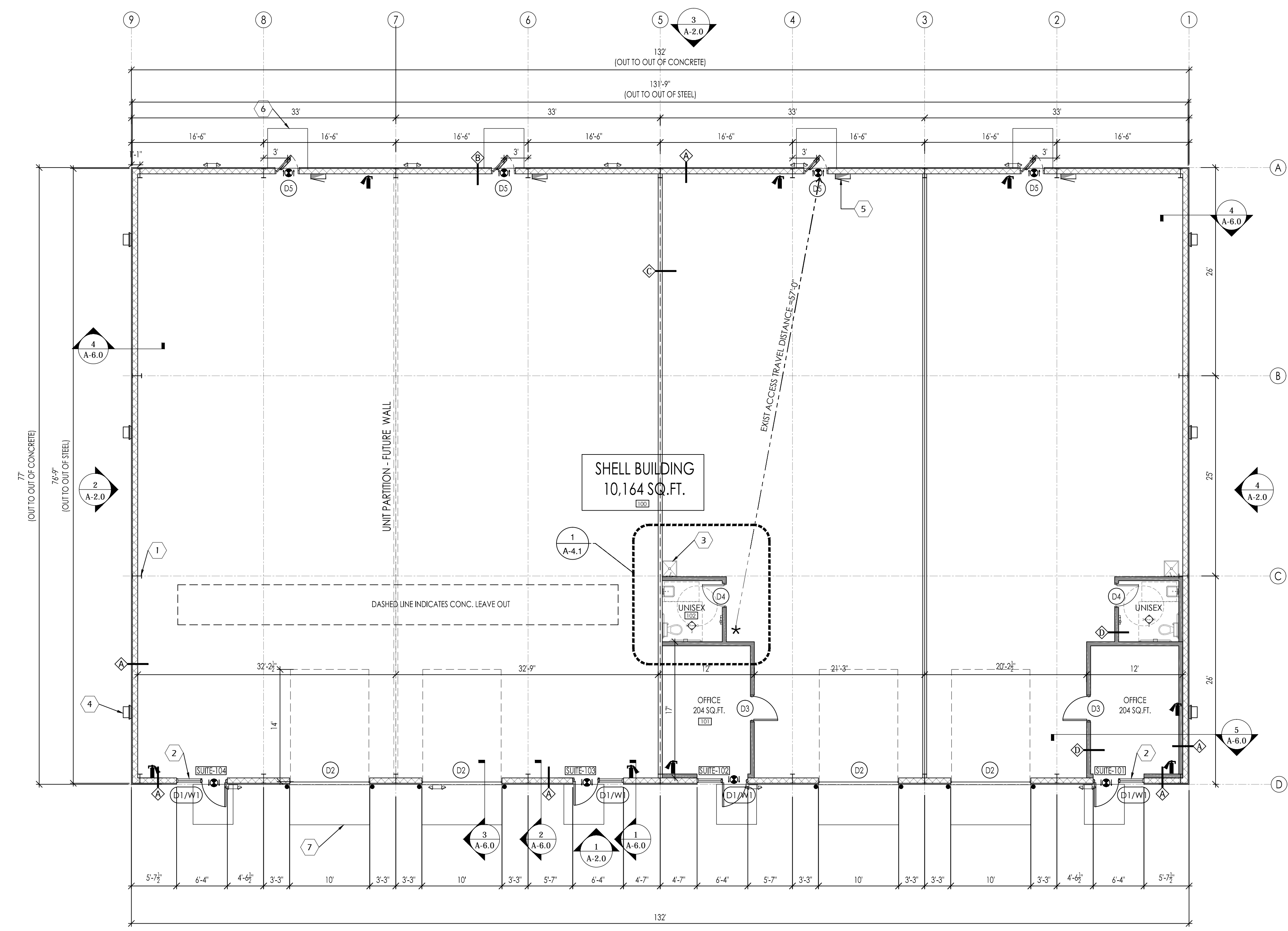
	PROPOSED I GRT (REF. METAL BLDG. PLAN)
	PROPOSED METAL STUD WALL
	EXIT SIGN / EMERGENCY LIGHT COMBO, 120V/277V AC, 6V DC WITH 90 MINUTE BATTERY BACKUP, SURE-LITES
	EMERGENCY EGRESS LIGHT FIXTURE WITH BATTERY BACK-UP-SURELITE#UMB-1 INCANDESCENT LIGHT FIXTURE, 120/277V BALLAST, UNIVERSAL MOUNT, APPROVED FOR W/ET LOCATIONS, 2-8W1 INCANDESCENT SEALED BEAM LAMPS AND 90 MINUTE LEAD CALCIUM BATTERY BACKUP.
	PORTABLE FIRE EXTINGUISHER TYPE 1 CLASS 2A DISTANCE OF 75 FEET
	EXIST ACCESS TRAVEL DISTANCE LINE

**KEY NOTES**

- STEEL COLUMN REF: STRUCTURAL
- STORE FRONT WINDOW
- PROPOSED MOP SINK
- EXTERIOR WALL PACK LIGHTING (REF. ELECTRICAL DWG.)
- ELECTRICAL PANEL REF: ELECTRICAL DWG.
- 5' X 5' LANDING AT ALL EXIT DOORS, LANDING LEVEL MATCH WITH BUILDING F.F.E. (REF. DETAIL #2/A-1.0)
- RAMP AT ROLLUP DOORS, REFER CIVIL PLANS.
- PIPE BOLLARDS(PAINTED)

**STRUCTURAL NOTES**  
 BAY DIMENSIONS SHOWN FOR REFERENCE ONLY. REFER TO PRE MANUFACTURED METAL BUILDING DRAWINGS FOR DETAILS AND SPECIFICATIONS.

**NOTE:** THE OFFICEWAREHOUSE BUILDING IS BEING PERMITTED AS A SHELL BLDG AND ANY FUTURE TENANT MUST OBTAIN THE BUILD-OUT PERMIT



440 Cobia Drive  
 Suite #1503  
 Katy, TX 77494  
 Ph: 832-913-1888  
 info@texasctg.com  
 www.texasctg.com  
 T.B.P.E. FIRM # 15775

CATALYST TECHNICAL GROUP, INC.

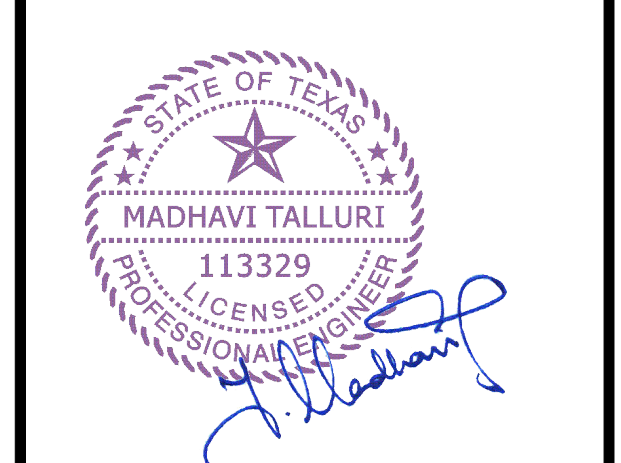
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No.	DATE	REVISIONS

PROJECT TITLE

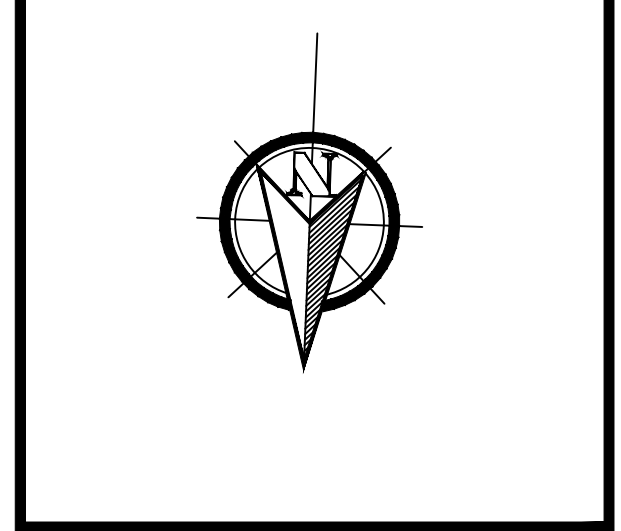
**FAIRVIEW OFFICE/WAREHOUSE BUILDING-2 LOCATED AT 7115 FAIRVIEW STREET HOUSTON, TX 77041**

SEAL



DATE: 11/20/2025

GENERAL NOTES:



CTG Project Number: 20259

Drawn By: s.k

Checked By: T.M

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

File Path:

\\ctg\proj\2024\dwg\2024 commercial\24029 - 7115 fairview\dwg\unsh\building-2-a-1.0 floor plan

SHEET TITLE:

**FLOOR PLAN**

SHEET NUMBER:

**A-1.0**

- KEY NOTES**
- METAL ROOFING
  - LINE OF CANOPY BELOW
  - GAL. METAL FLASHING AT PARAPET
  - 6" X 6" GALV. COMMERCIAL GUTTER AND DOWNSPOUT SYSTEM. TYPICAL. ALL THE GUTTERS AND DOWNSPOUTS TO BE FIELD PAINTED TO MATCH ADJACENT FINISHED BUILDING SURFACE.
  - AWNING CANOPY REF. ELEVATIONS.

**NOTE**

ROOFS WITH A SLOPE LESS THAN 2:12 SHALL BE PROVIDED WITH A ROOF COVERING MEETING THE ROOF FOLLOWING CRITERIA FOR A "COOL ROOFS"

A. A MINIMUM TOTAL SOLAR REFLECTION OF 0.70 AS TESTED PER ONE OF THE FOLLOWING: ASTM C 1549, ASTM E903, ASTM W1175, OR ASTM E 1918.

B. MINIMUM THERMAL EMITANCE OF 0.75 WHEN TESTED PER ONE OF THE FOLLOWING: ASTM C 835, ASTM 1371, OR ASTM E 408.

No.	DATE	REVISIONS

PROJECT TITLE

**FAIRVIEW OFFICE/WAREHOUSE BUILDING-2 LOCATED AT 7115 FAIRVIEW STREET HOUSTON, TX 77041**

SEAL



DATE: 11/20/2025

GENERAL NOTES:

CTG Project Number: 24029

Drawn By: s.k

Checked By: T.M

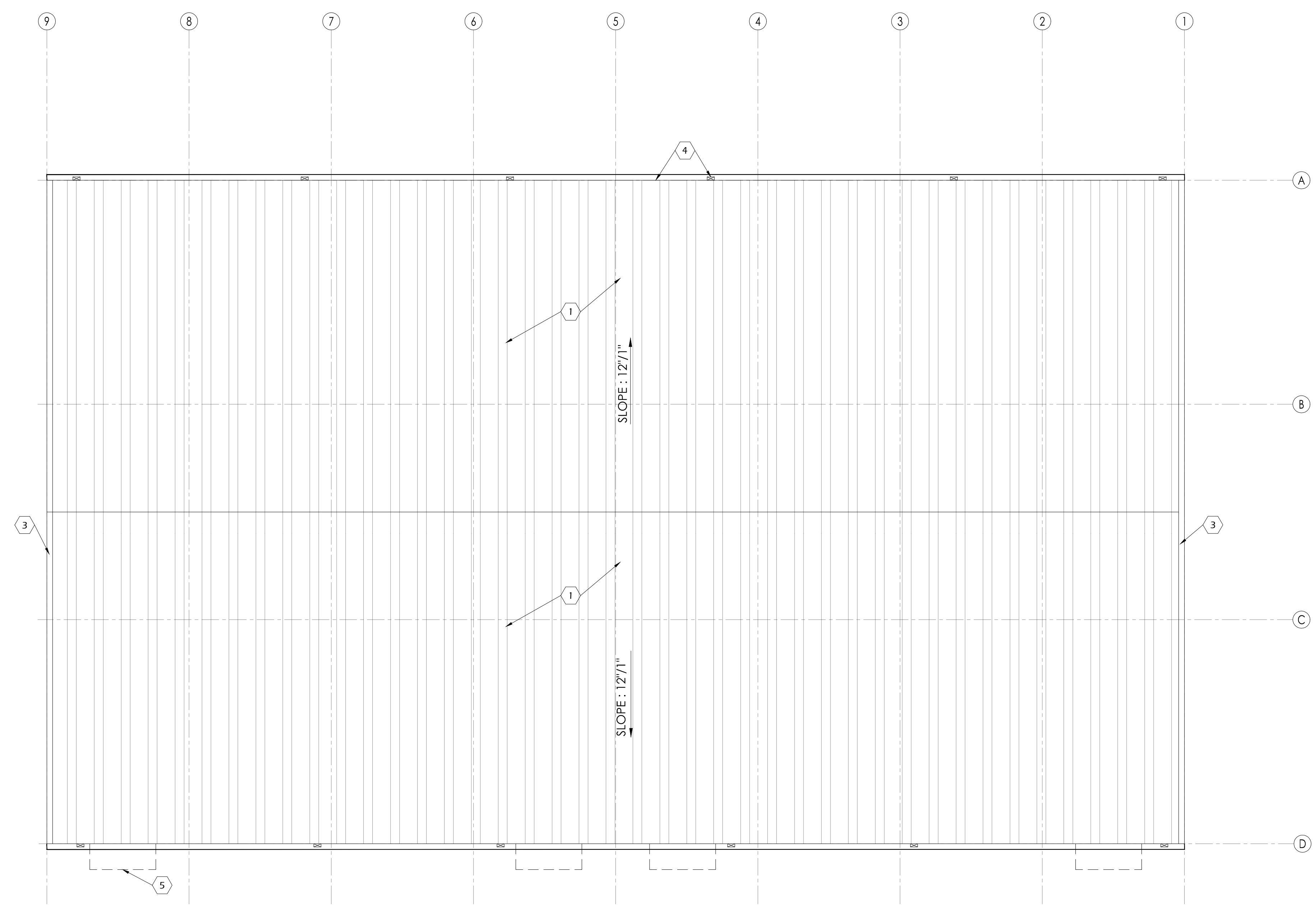
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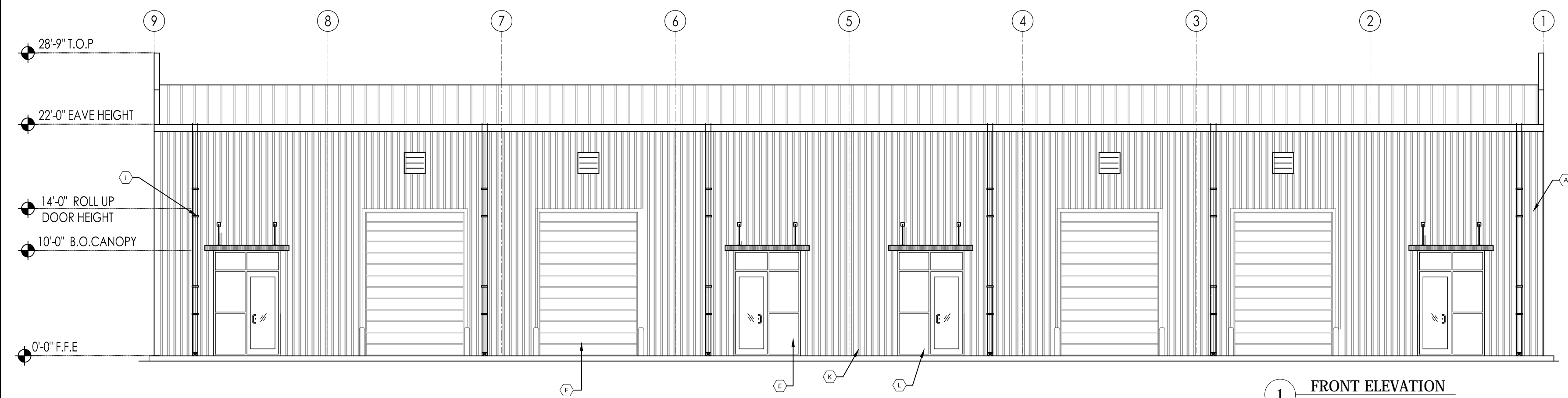
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SHEET TITLE:  
**ROOF PLAN**

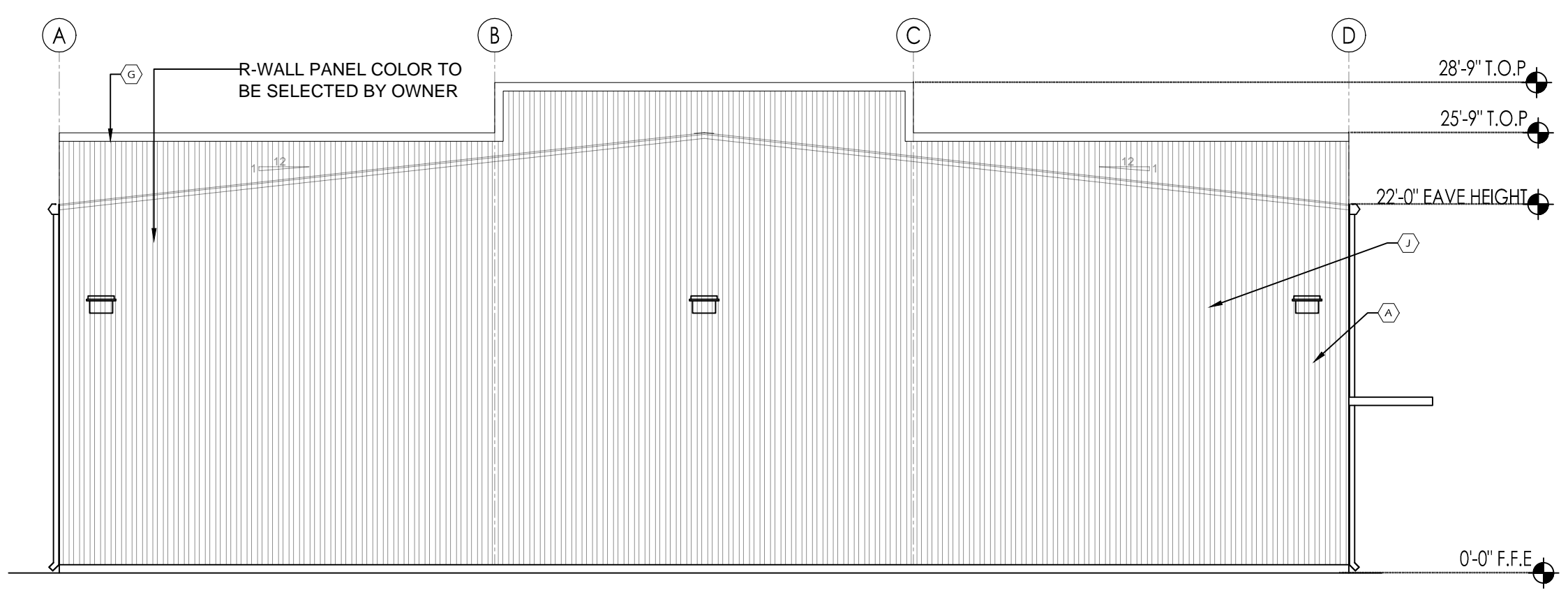
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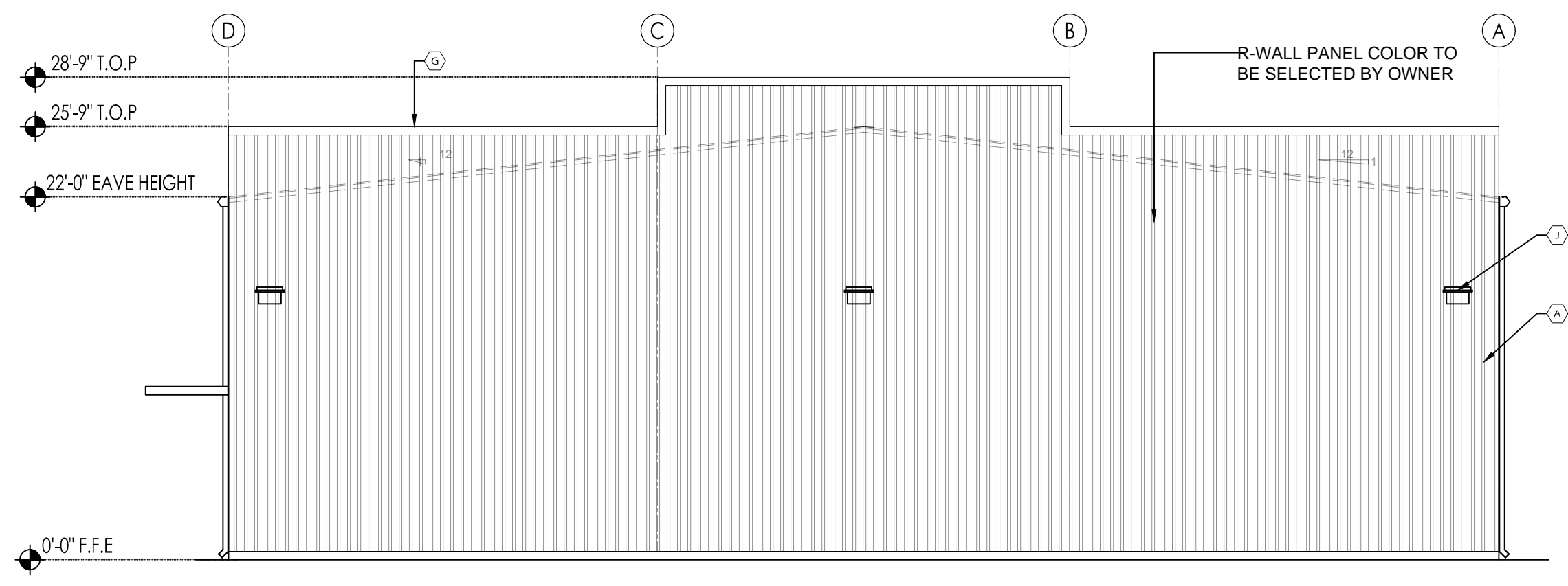




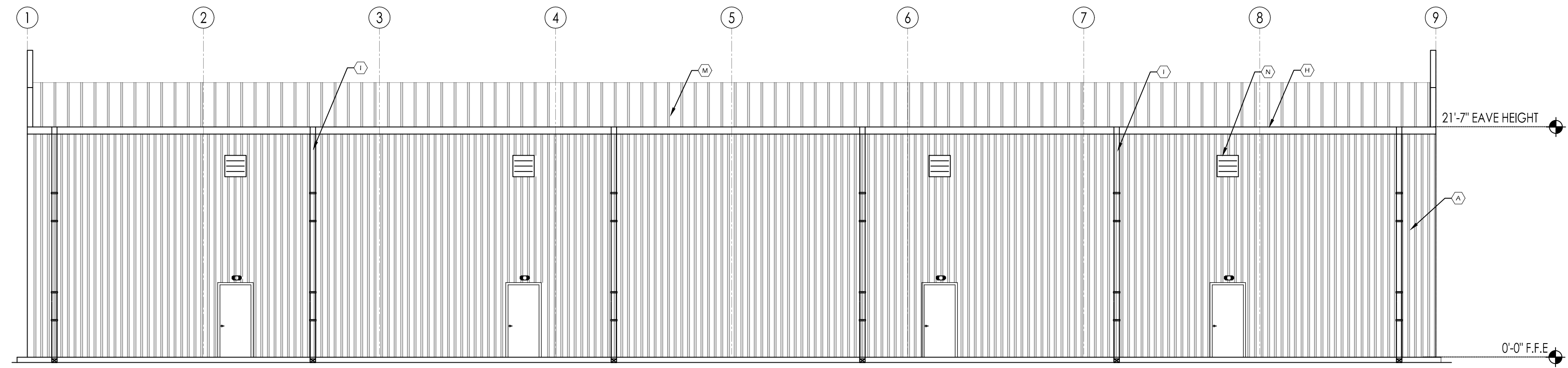
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



4 RIGHTT SIDE ELEVATION



3 REAR SIDE ELEVATION

- KEY NOTES**
- A. METAL SIDING - REF. PER-FAB METAL BUILDING DWG.
  - B. EMERGENCY EXIT DOOR (COLOR BY OWNER)
  - C. EXTERIOR EGRESS LIGHTING (REF. ELECTRICAL DRAWING)
  - D. INSTALL AWNING WITH BOTTOM AT +10'-0" ABOVE FINISHED FLOOR LEVEL. REF. ELEVATIONS.
  - E. ALUMINUM STOREFRONT WINDOW SYSTEM (COLOR BY OWNER). PROVIDE DOUBLE GLAZED, THERMALLY BROKEN, LOW E CLEAR GLAZING. MAXIMUM SHADING CO-EFFICIENT OF 50 OR LESS (TEMPERED). VERIFY ALL FRAME, GLASS SPECIFICATIONS & COLOR SELECTIONS W / OWNER / ARCHITECT. SUBMIT SHOP DRAWINGS FOR REVIEW. ADD ALTERNATE FOR IMPACT RESISTANT SYSTEM.
  - F. ALUMINUM STOREFRONT ENTRANCE, MEDIUM STILE W / DOUBLE GLAZED, THERMALLY BROKEN, 1/4" THICK TEMPERED GLASS. CLEAR TINT, MAX. SHADING COEFFICIENT OF 80 OR LESS. FRAME COLOR BY OWNER
  - G. PARAPET WALL
  - H. ROOF GUTTER
  - I. DOWN SPOUTS (COLOR SAME AS PAINTED CMU)
  - J. EXTERIOR WALL PACK LIGHTING (REF. ELECTRICAL DWG).
  - K. OVER HEAD - ROLL UP DOOR
  - L. BOLLARDS
  - M. ROOF SHEETING
  - N. WALL MOUNTED AIR INTAKE LOUVERS

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No.	DATE	REVISIONS

PROJECT TITLE

**FAIRVIEW OFFICE/WAREHOUSE  
BUILDING-2  
LOCATED AT  
7115 FAIRVIEW STREET  
HOUSTON, TX 77041**

SEAL



DATE: 11/20/2025

GENERAL NOTES:

CTG Project Number: 24029

Drawn By: s.k

Checked By: T.M

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

File Path:

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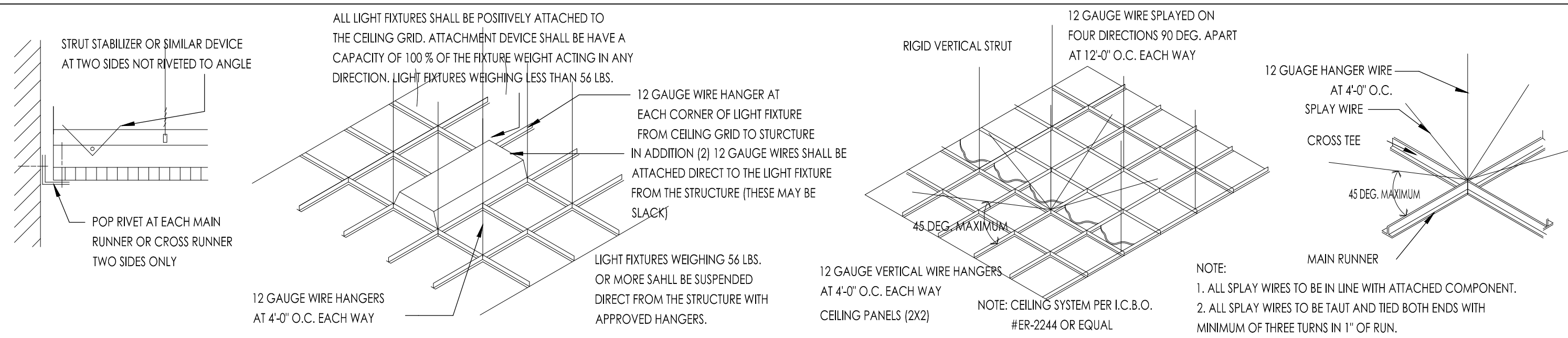
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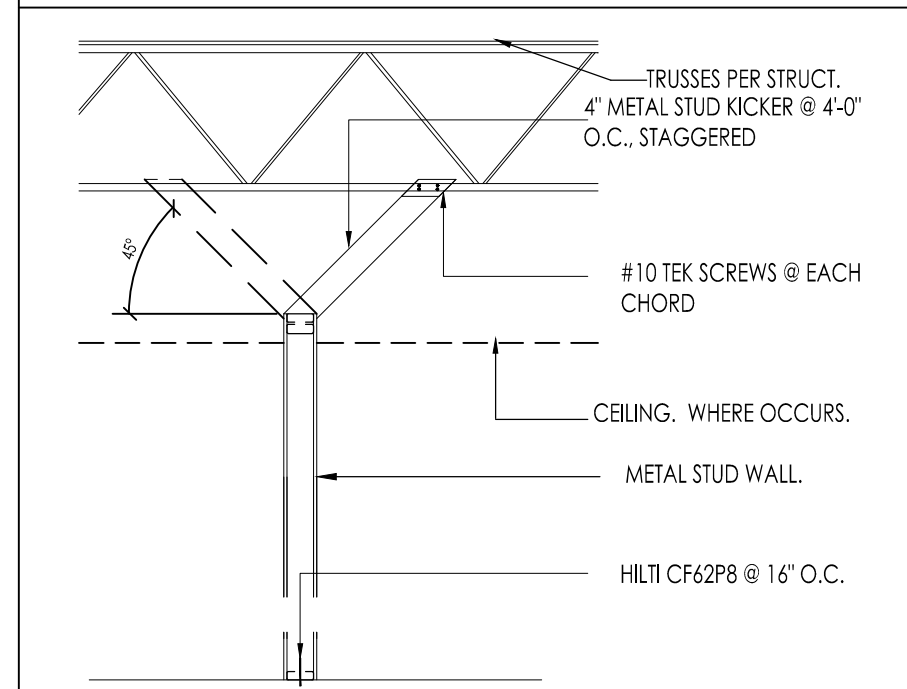
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**A-2.0**

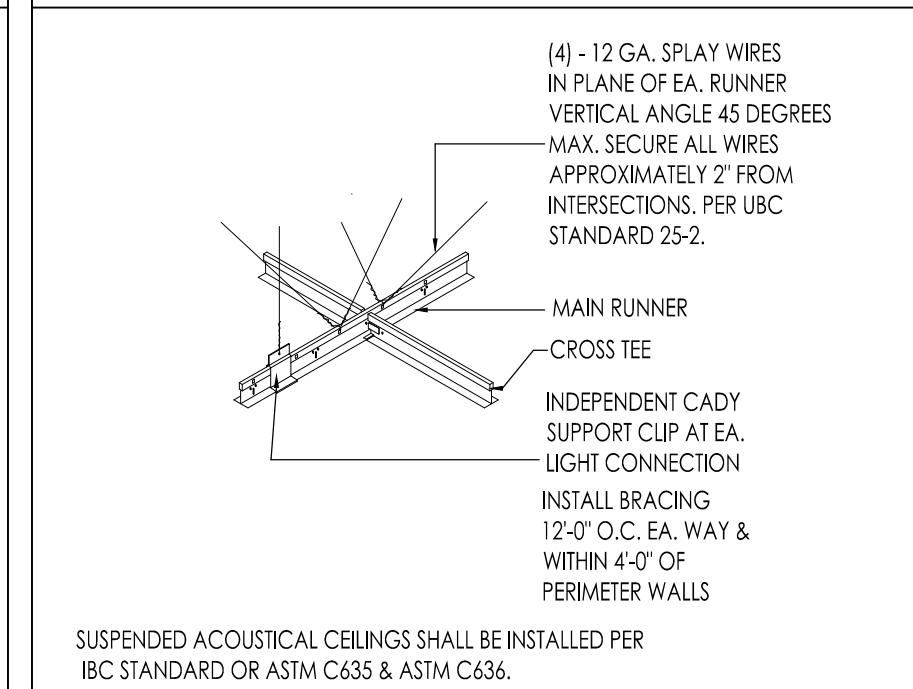
**CEILING STANDARD DETAILS**



**WALL BRACING**



**SUSPENDED CLG. GRID**



**LEGEND**

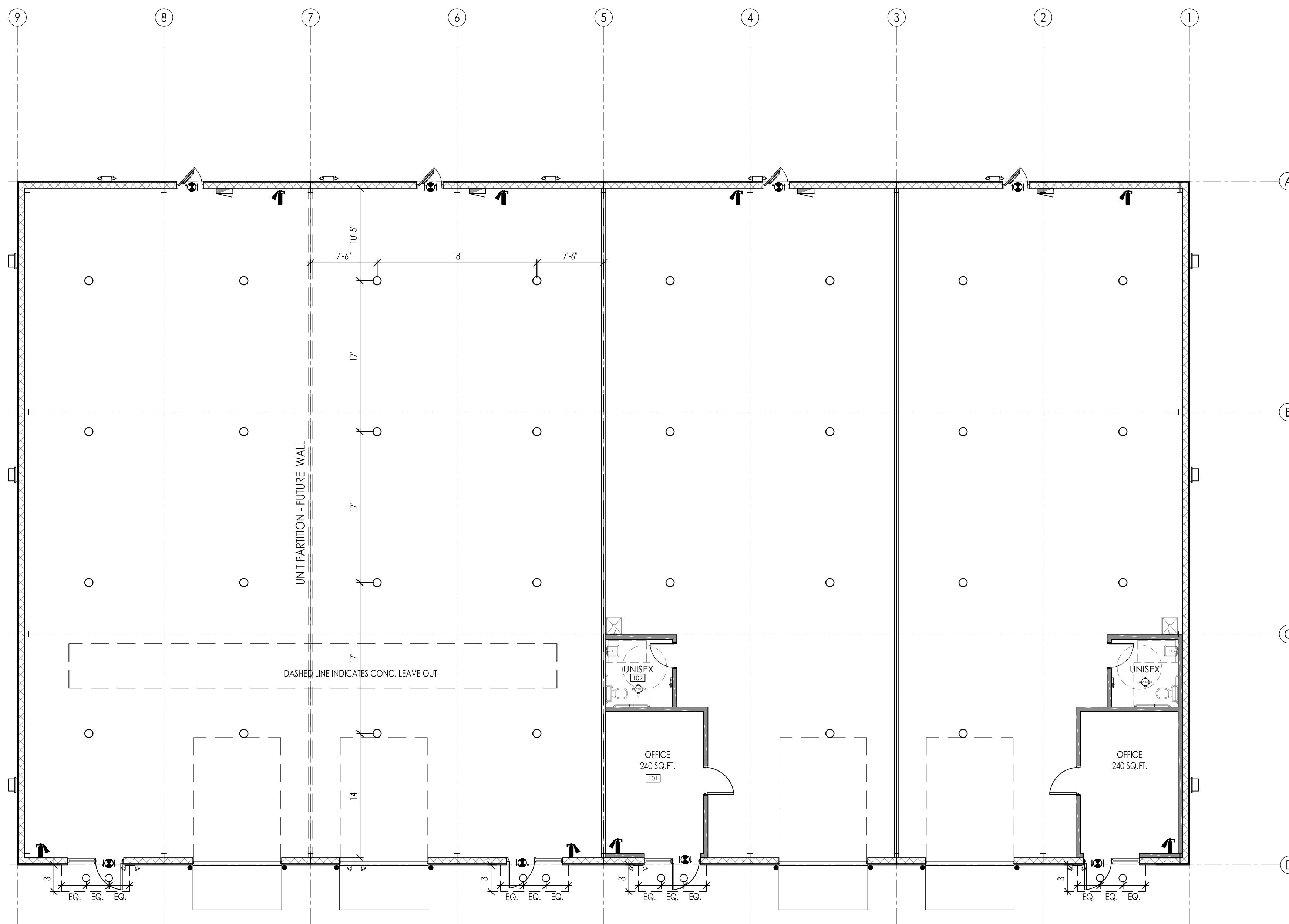
SYMBOL	DESCRIPTION
Ø-0" CLG.	CEILING HEIGHT
[Grid Symbol]	2X4 LAY-IN ACOUSTICAL CEILING TILE, SUSPENDED FROM METAL BUILDING FRAME
[Grid Symbol]	2x4 LAY-IN FLOUROCENT
[Square Symbol]	A/C DIFFUSER
[Circle Symbol]	EGRESS LIGHT WITH EMERGENCY BACKUP
[Circle Symbol]	EXHAUST FAN
[Circle Symbol]	EXPOSED UFO-ALED BAY LIGHT FIXTURES
[Grid Symbol]	GYP BOARD CEILING
[Square Symbol]	2X2 FLUORESCENT
[Circle Symbol]	EXTERIOR WEATHER PROOF LIGHT CANS

**RCP GENERAL NOTES**

1. THIS REFLECTED CEILING PLAN HAS BEEN PREPARED FOR PURPOSES OF SHOWING THE LIGHTING FIXTURE LOCATION ONLY AND THE SPECIFICATION OF THE LIGHTING FIXTURE AND IS NOT TO BE CONSIDERED AN ENGINEERING DRAWING. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE TYPE, QUANTITY AND CIRCUITING.
2. ALL LIGHT FIXTURES ARE TO BE FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR LOCATIONS ARE CRITICAL AND NEED TO BE COORDINATED. IF ANY PROBLEMS OR DISCREPANCIES OCCUR WHICH AFFECT THIS LAYOUT, NOTIFY THE ARCHITECT.
3. BEFORE STARTING GRID PLACEMENT VERIFY LAYOUT W/ ARCHITECT & WITH FIELD DIMENSIONS.
4. REFER TO DETAILS ON THIS SHEET FOR TYPICAL CEILING DETAILS.
5. REFER TO THE ELECTRICAL DRAWINGS FOR THE FIXTURE SCHEDULE.

**KEYNOTES**

1. PROVIDE 2'-0" X 2'-0" SMOOTH CEILING VINYL FACE TILES
2. 2x2 RECESSED LIGHT FIXTURE, TYPICAL. (SEE ELEC DWGS)
3. MECHANICAL DIFFUSER. (SEE MECH DWGS)
4. MECHANICAL RETURN GRILL. (SEE MECH DWGS)



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No.	DATE	REVISIONS

**PROJECT**

FAIRVIEW OFFICE/WAREHOUSE BUILDING-2

**LOCATED AT  
7115 FAIRVIEW STREET  
HOUSTON, TX 77041**

**SEAL**



DATE: 11/20/2025

**GENERAL NOTES:**

CTG Project Number: 24029

Drawn By: s.k

Checked By: T.M

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

File Path:

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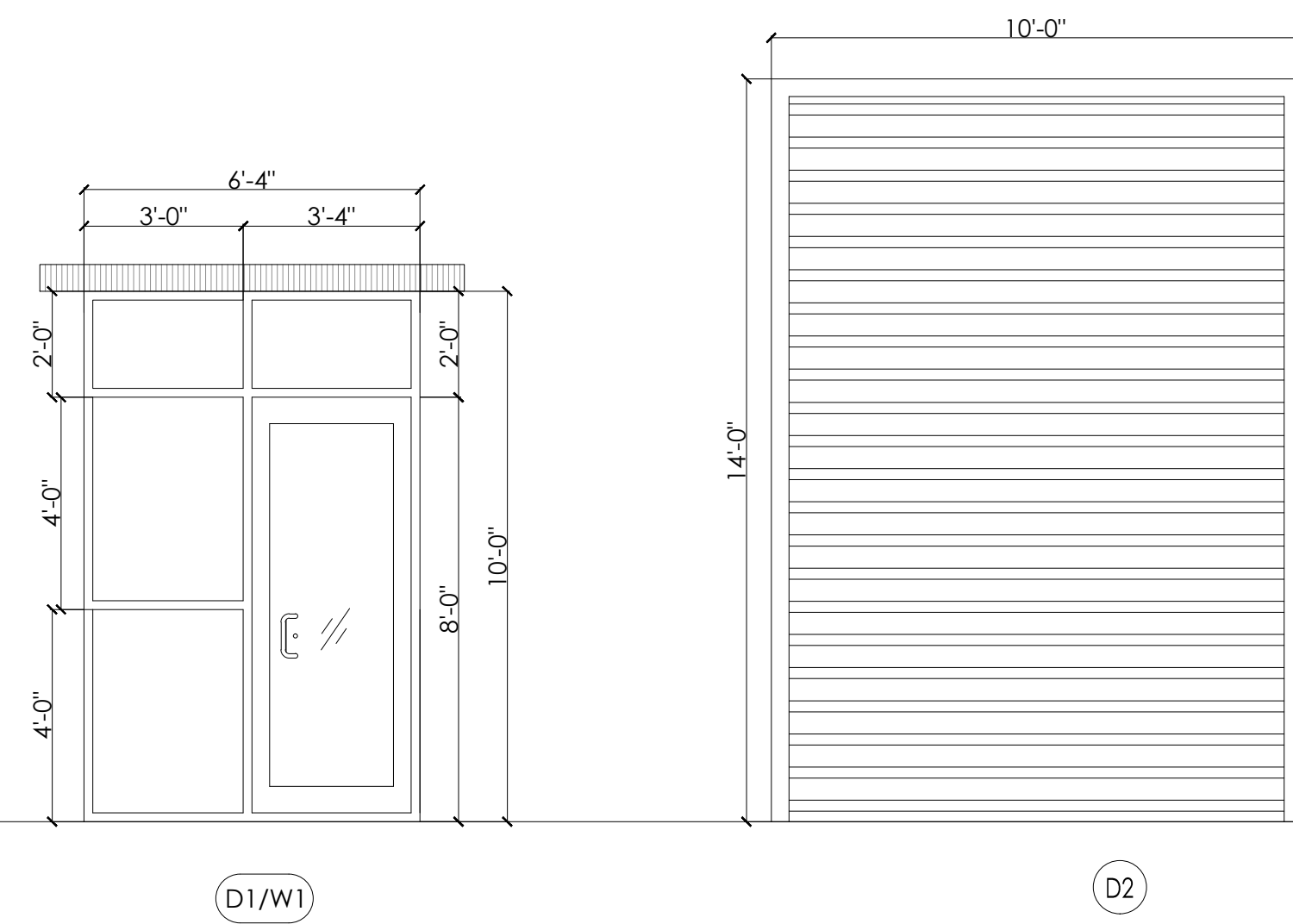
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**RCP PLAN**

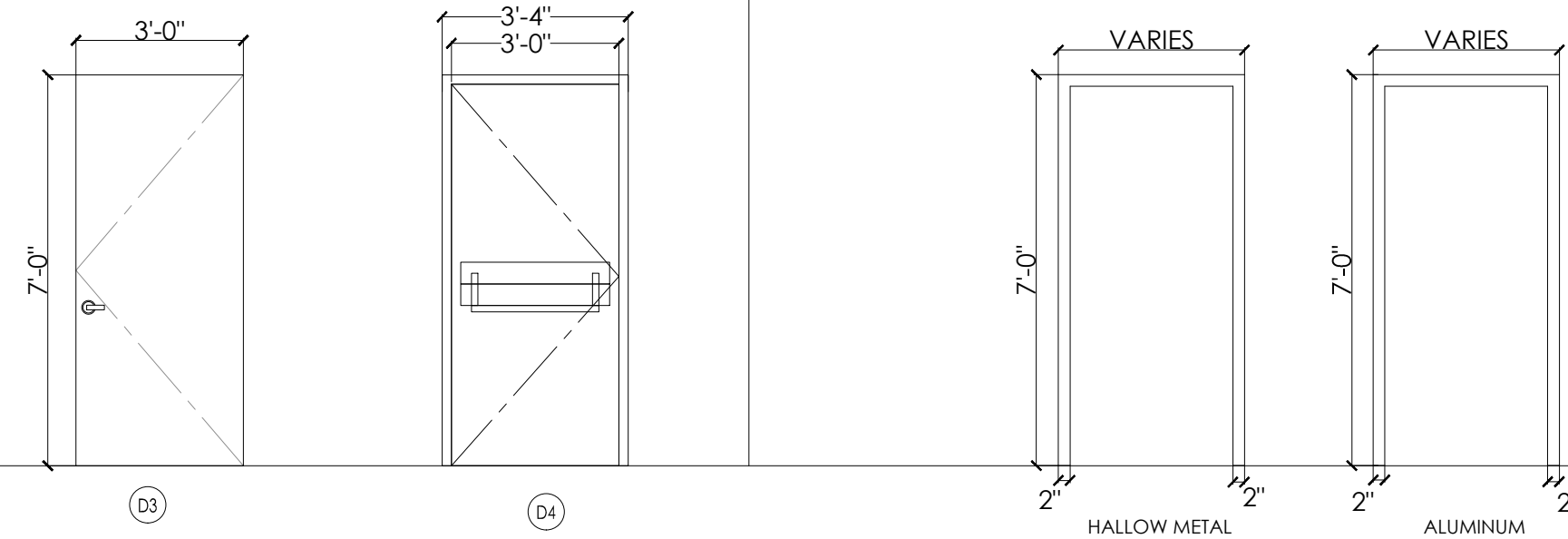
SHEET NUMBER:

**A-3.0**

DOOR ELEVATIONS



DOOR FRAMES



DOOR NOTES

- IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70% THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH, MEASURE TO THE LEADING EDGE OF THE DOOR.
- MAXIMUM OPENING FORCE FOR EXTERIOR DOOR SHALL BE 8 POUNDS.
- MAXIMUM OPENING FORCE FOR INTERIOR DOOR SHALL BE 5 POUNDS.
- DOOR WITH LEVEL HANDLE SHALL BE INSTALLED @ MAX. 42" A.F.F.
- DIMENSIONS INDICATED ARE NOMINAL FOR DOOR OPENING, CONTRACTOR IS TO TAKE INTO ACCOUNT ANY NECESSARY UNDERCUTS, FRAME CLEARANCE, ETC.
- ALL HARDWARE IS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT & TASC
- THE MAXIMUM ALLOWABLE THRESHOLD HEIGHT IS 1/2" ABOVE THE FINISHED FLOOR.
- PER IBC 2021 - SECTION 1008.1.8.4 - WHERE EGRESS DOORS ARE USED IN PAIRS, APPROVED AUTOMATIC FLUSH BOLTS SHALL BE PERMITTED TO BE USED, PROVIDED THAT THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS HAS NO DOORKNOB OR SURFACE MOUNTED HARDWARE.

DOOR HARDWARE

- DEAD BOLT LOCK SET WITH THUMB TURN AND DOOR SLIDE
- SECURITY.
- PRIVACY BUTTON ON BATHROOM SIDE OF DOOR.
- LATCH SET WITH CLOSER.
- DEAD BOLT LOCK SET FOR A PAIR OF DOORS WITH CLOSURES
- ON EACH DOOR.
- LOCK SET WITH CLOSER.
- LOCK SET FOR EXTERIOR DOORS WITH CLOSER.
- BLOCKING SHALL BE PROVIDED BEHIND ANY AND ALL WALL
- FIXTURES ALL DOORS TO RECEIVE DOOR STOPS UNLESS
- OTHERWISE NOTED. LOCK ON ROOM SIDE, PROVIDE PEEP HOLE
- AT 4" AFF AND CLOSER. ALL HARDWARE IS TO BE CHROME FINISH UNLESS OTHERWISE NOTED
- DOOR LATCH SHALL BE RELEASE WHEN SUBJECTED TO A 5 POUNDS FORCE FOR INTERIOR DOOR AND 8.5 POUNDS FORCE FOR EXTERIOR DOOR FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL FORCE.
- THE LATCH SHALL HAVE THE LEVER AND SHALL BE MOUNTED AT 42" ABOVE THE FINISH FLOOR (A.F.F.), EXCEPT AT ACCESSIBLE STALLS WHICH SHALL BE MOUNTED BETWEEN 34" TO 36" A.F.F.
- ELECTRICAL SWITCHES SHALL BE MOUNTED AT 42" A.F.F.
- RECEPTACLES ON WALL SHALL BE MOUNTED A MIN. OF 15" A.F.F.

WINDOW NOTES

- FINAL LOCATION OF THE INTERIOR WINDOWS SHALL BE COORDINATED WITH THE OWNER.
- ATLAS ARCHITECTURAL METALS INC. STOREFRONT ALUMINUM FINISH, OR APPROVED EQ.
- STOREFRONT SUPPLIER TO VERIFY ALL ROUGH OPENINGS PRIOR TO BUILDING STOREFRONT WINDOWS.
- ALL GLAZING SHALL BEAR MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF THE GLASS.
- SAFETY GLAZING SHALL BE IDENTIFIED BY LABEL WHICH SHALL SPECIFY THE LABELER, & STATE THAT SAFETY GLAZING HAS BEEN UTILIZED.
- TEMPERED GLASS SHALL BE PERMANENTLY IDENTIFIED BY THE MANUFACTURER, ETCHED ON THE GLASS AND VISIBLE AFTER INSTALLATION.
- CONTRACTOR TO COORDINATE ALL WINDOW DIMENSIONS & REQUIREMENTS PRIOR TO ROUGH-INS.
- STOREFRONT DOORS TO BE MEDIUM STYLE DOOR WITH OFFSET PIVOT HINGES AND CLOSURE. ALL EXTERIOR GLAZING TO BE 1" INSULATED GLASS (2) 1/4" GLASS WITH 1/2" THERMAL SPACE. LOW 'E' CLEAR GLAZING, UNLESS NOTED OTHERWISE.
- 1/4" CLEAR TEMPERED GLAZING PER 2021 I.B.C. CHAPTER 24.
- ALL GLASS MUST COMPLY WITH TESTING REQUIREMENTS OF I.B.C. STD. 54-2, PART-1
- SIGN PACKAGE AND CORRESPONDING SIGNAGE IN GRADE 2 RAILEE PER A.D.A. REG. (I.T.A.S. 4.30) SIGNS TO BE FURNISHED & INSTALLED BY THE GENERAL CONTRACTOR.
- WINDOWS WITHIN 24" OF DOOR TO BE SAFETY GLASS. ALL GLAZING IN HAZARDOUS LOCATIONS SHOULD BE TEMPERED FOR IMPACT RESISTANCE. ALL GLASS WITHIN 18" FROM FLOOR, WITHIN 24" ARC FROM DOORS EDGE, AND IF BOTTOM EDGE OF GLAZING LESS THAN 60" ABOVE THE WALKING SURFACE. SUCH GLASS SHOULD BE TEMPERED.

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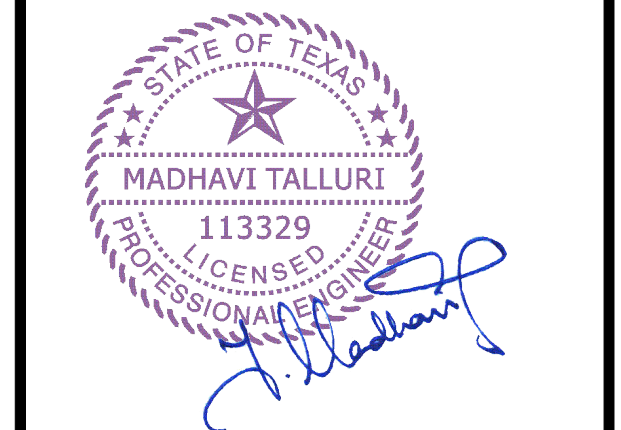
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No.	DATE	REVISIONS

PROJECT

**FAIRVIEW OFFICE/WAREHOUSE BUILDING-2**  
**LOCATED AT**  
**7115 FAIRVIEW STREET**  
**HOUSTON, TX 77041**

SEAL



DATE: 11/20/2025

GENERAL NOTES:

FINISH SCHEDULE																	
NO	ROOM NAME	FLR	BASE			WALL MATERIAL		WALL FINISH		CEILING		REMARKS					
			EXPOSED CONCRETE	VINYL	RUBBER	TILE COVE	VINYL	NONE	GYP.BD	GREEN GYP.BD	EXPOSED		WALL COVERING	PAINTED GYFBOARD	EXPOSED METAL STUDS	GYP.BD (PAINED)	ACCDUST. LAY-IN CEILING TILE (2'x4')
100	WAREHOUSE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
101	OFFICE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

MARK	LOCATION	SIZE			TYPE	MATERIAL		FINISH	REMARKS
		WIDTH	HEIGHT	THICK.		1" INSULATED GLASS (2 - 1/4" THK GLASS WITH 1/2" GAP).	CLEAR GLASS W/ STEEL FRAME		
1	STORE FRONT WINDOW (SEE PLANS)				(WF)	●		●	

DOOR SCHEDULE																			
DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	MATERIAL	FRAME	SELF CLOSING	PRIVACY LOCK	KEYED LOCK	CARD READER	DOOR STOP	PASSAGE LOCK	KICK PLATE	WEATHER STRIP	PANIC HDWR	PUSH/PULL HANDLE BAR	LEVER HANDLE	DOOR CLOSER	FIRE RATING	FINISH	NOTE # (HARDWARE GROUP)
D1	3'-0"	8'-0"	AL/GLASS	AL	X		X	X			X	X		X		X			READILY DISTINGUISHABLE LOCKING DEVICE - GROUP (A) SEE: GROUP (A) AND NOTE# (J)
D2	10'-0"	14'-0"	METAL	H.M															ROLL UP DOOR (ALL HARDWARE TO BE HEAVY DUTY)
D3	3'-0"	7'-0"	METAL	H.M															OFFICE DOOR
D4	3'-0"	7'-0"	METAL	H.M		X										X	X		REST ROOM DOOR
D5	3'-0"	7'-0"	METAL	H.M															READILY DISTINGUISHABLE LOCKING DEVICE - SEE: GROUP (B) AND NOTE# (J)

NOTES : PANIC & FIRE EXIT HARDWARE TO BE INSTALLED BY CONTRACTOR PER 1010.2.9, IBC 2021

ATLAS ARCHITECTURAL METALS INC (4-1/2" FLUSH GLAZE FOR 1" GLAZE)				
GLASS	AIR INFILTRATION	STRUCTURAL	U-VALUE SINGLE DOOR	WIND RESISTANCE
1" STUD (1/8" - 1")	ASTM E283 0.06 CFM PSF ASTM E331 2.86 CFM PSF	30 PSF LOAD	0.79	139 MPH

ALUMINUM VERTICAL MULLIONS TO BE REINFORCED  
A MINIMUM WIND SPEED DESIGN AS REQUIRED BY TABLE 1604.5 OF THE AMENDED 2021 IBC.

STRUCTURAL PERFORMANCE	
* MAXIMUM DEFLECTION TO 1/175 OF THE SPAN	
* ALLOWABLE STRESS WITH A SAFETY FACTOR OF 1.65.	

HARDWARE SCHEDULE	
GROUP	DESCRIPTION
(A)	MEDIUM STYLE GLASS STOREFRONT FRAMING SYSTEM TO BE PROVIDED BY THE FOLLOWING HARDWARE FOR EACH DOORS: 1 : PAIR OFFSET PIVOTS BY DOOR MANUFACTURER. 1 : EA. CLOSER NORTON 1601 BF. 1 : EA. LOCK, ADAMS RITE MS - 1850 A ANSI x US 260. 2 : EA. DOOR WITH PUSH AND PULL DOOR MANUFACTURER STD. ACCESSIBLE. 1 : EA. CYLINDER & THUMB TURN DOOR MANUFACTURER STD. WEATHER STRIPPING. DOOR MANUFACTURER. 1 : EA. THRESHOLD (ALUM). DOOR MFR - 1/2" HC ACCESSIBLE. 1 : EA. LOCK PLATE COVER, ALUM- GUARD. ALL THE ENTRANCE DOOR TO BE MARK WITH <b>"THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"</b> READILY DISTINGUISHABLE LOCKING DEVICE MUST BE PROVIDED AT MAIN ENTRANCE.
(B)	DOOR WITH PANIC HARDWARE ,DOOR CLOSER ,1/2" MAX. @ LEVEL THRESHOLD, WEATHER STRIPPING & METAL THRESHOLD.
(C)	5400LN Series Lever Locks ,1/2" MAX. @ LEVEL THRESHOLD, WEATHER STRIPPING & METAL THRESHOLD.

GENERAL MOUNTING HEIGHTS:	
LOCKS AND LATCHES	: 40" FLOOR TO CENTER LINE OF STRIKE
PUSH PLATE	: 45" FLOOR TO CENTER LINE OF PLATE
PULLS (INTERIOR)	: 38" FLOOR TO CENTER LINE OF PUSH BAR WITH PULL INSTALLED ABOVE PUSH BAR.
PUSH/PULL	: 42" FLOOR TO CENTER LINE OF GRIP
DEAD LOCKS	: 48" FLOOR TO CENTER LINE OF STRIKE.(WITH LOCKS OR LATCHES)
PANIC HARDWARE	: 38" FLOOR TO CENTER LINE OF TOUCH PAD/CROSS BAR.
HINGES	: DOOR MANUFACTURER'S STANDARD LOCATION.

CTG Project Number: 24029

Drawn By: s.k

Checked By: T.M

Scale: N.T.S

File Path:

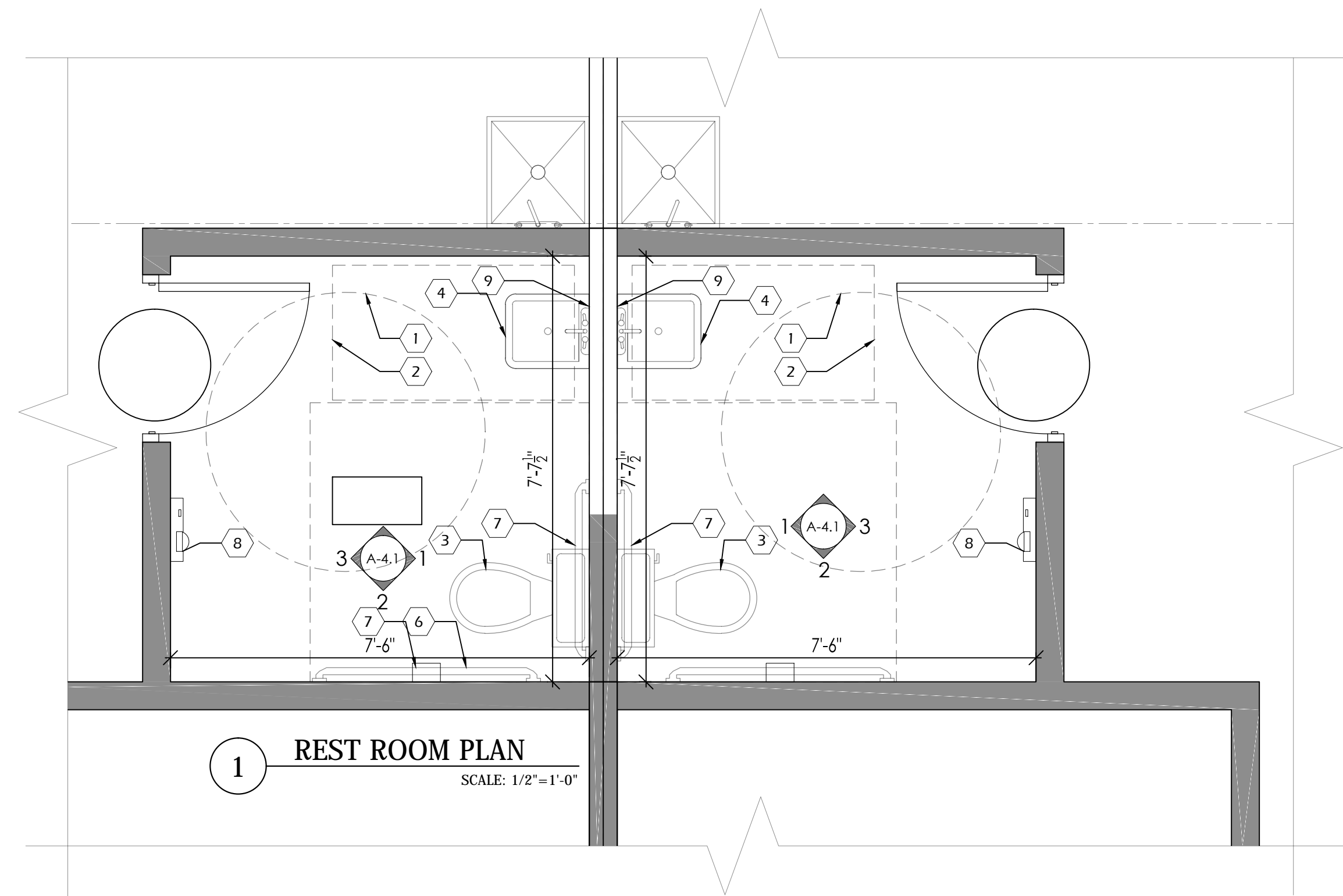
W:\dwg\2024\_dwg\2024\_commercial\24029 - 7115 fairview office\unb\building-2\0-a-4.0 - door window schedule

SHEET TITLE:

**DOOR, WINDOW & ROOM FINISH SCHEDULE & INT. ELEV**

SHEET NUMBER:

**A-4.0**



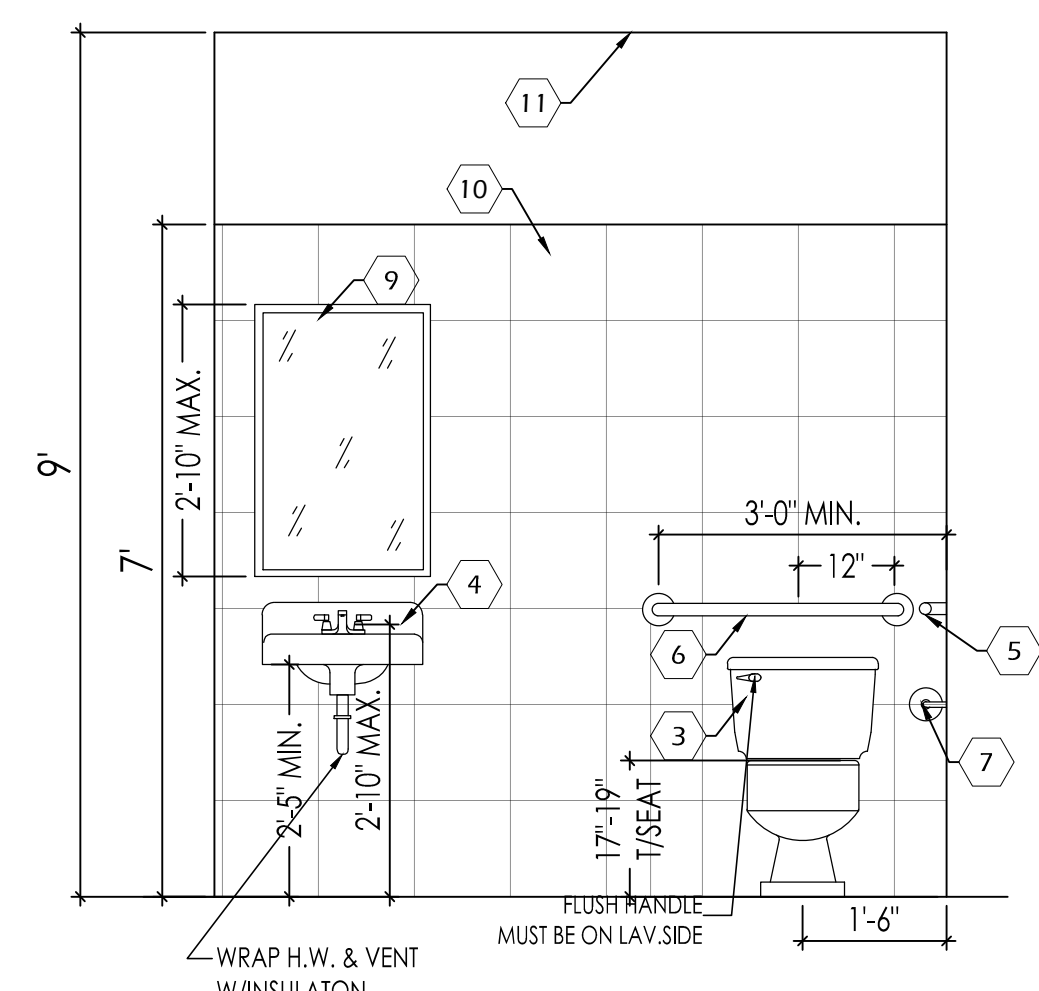
**1 REST ROOM PLAN**  
SCALE: 1/2"=1'-0"

**KEY NOTES**

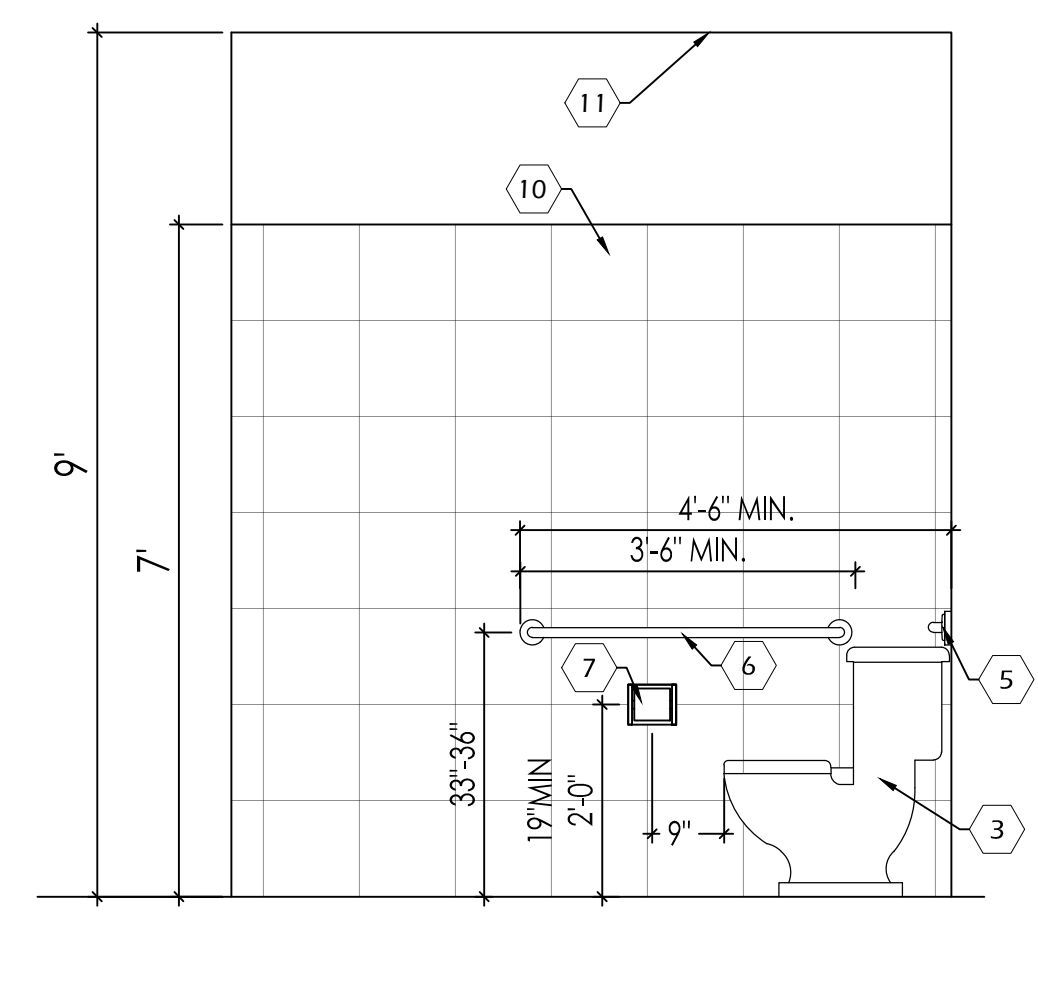
- 5'-0" DIA ADA WHEELCHAIR TURNING SPACE.
- 30" X 48" MIN. CLEAR FLOOR SPACE AT LAVATORIES.
- WATER CLOSET (ADULT 18" RIM HT.) PROVIDE FLUSH LEVER ON OPEN SIDE OF TOILET. (TYP.)
- WALL HUNG LAVATORY (TYP.)
- 36" STAINLESS STEEL GRAB BAR
- 42" STAINLESS STEEL GRAB BAR
- TOILET PAPER DISPENSER (TYP.)
- HAND DRYER
- TEMPERED GLASS MIRROR
- 4" CERAMIC TILE DOVE -GRAY18 CERAMIC
- GYP BOARD

**GENERAL NOTES**

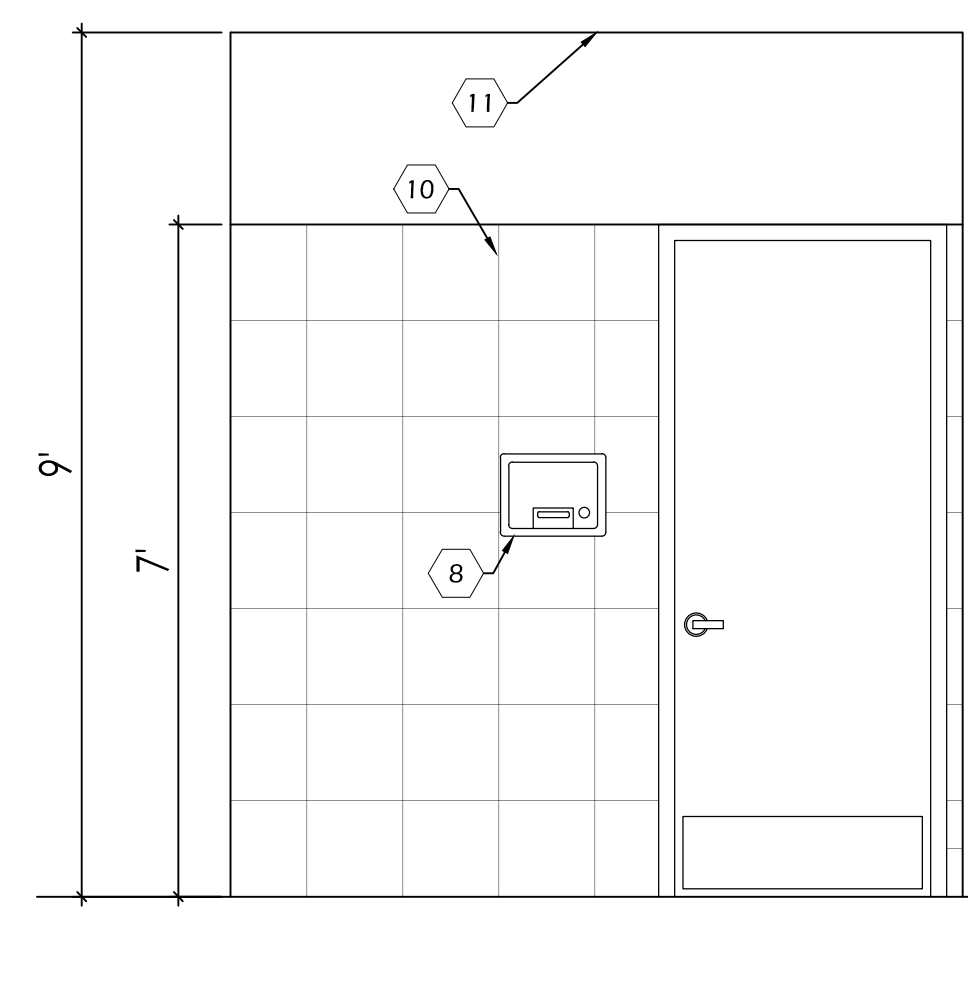
- LAVATORY FAUCETS SHALL BE LEVER OR PUSH TYPE, SELF-CLOSING CONTROLS TO REMAIN ON FOR AT LEAST 10 SECONDS.
- ALL ACCESSIBILITY REQUIREMENTS SHALL COMPLY PER ADA / ADAAG & CITY CODE REQUIREMENTS.
- Men's & Women's TOILET SIGN W/ HANDICAP SYMBOL & BRAILLE. LAMINATED PLASTIC. MOUNT @ 60" A.F.F. TO CENTERLINE. [PER ADA
- LAVATORY CLEARANCES TO COMPLY W/ ANSI A117.1-1992, FIGURE B4.20.3.1.



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



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



**3 INTERIOR ELEVATION**  
SCALE: 1/2"=1'-0"

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No.	DATE	REVISIONS

PROJECT  
FILE

**FAIRVIEW OFFICE/WAREHOUSE  
BUILDING-2  
LOCATED AT  
7115 FAIRVIEW STREET  
HOUSTON, TX 77041**

SEAL

DATE: 11/20/2025

GENERAL NOTES:

CTG Project Number: 24029

Drawn By: s.k

Checked By: T.M

Scale: 1/2"=1'-0"

File Path:  
\\dep\2024 dep\2024 commercial\24029 - 7115 fairview office\unsh\building-2\A-4.1 rest room elevations

SHEET TITLE:  
**REST ROOM  
ELEVATIONS**

SHEET NUMBER:

**A-4.1**

No.	DATE	REVISIONS

PROJECT  
FAIRVIEW

**FAIRVIEW OFFICE/WAREHOUSE BUILDING-2**  
**LOCATED AT**  
**7115 FAIRVIEW STREET**  
**HOUSTON, TX 77041**

SEAL



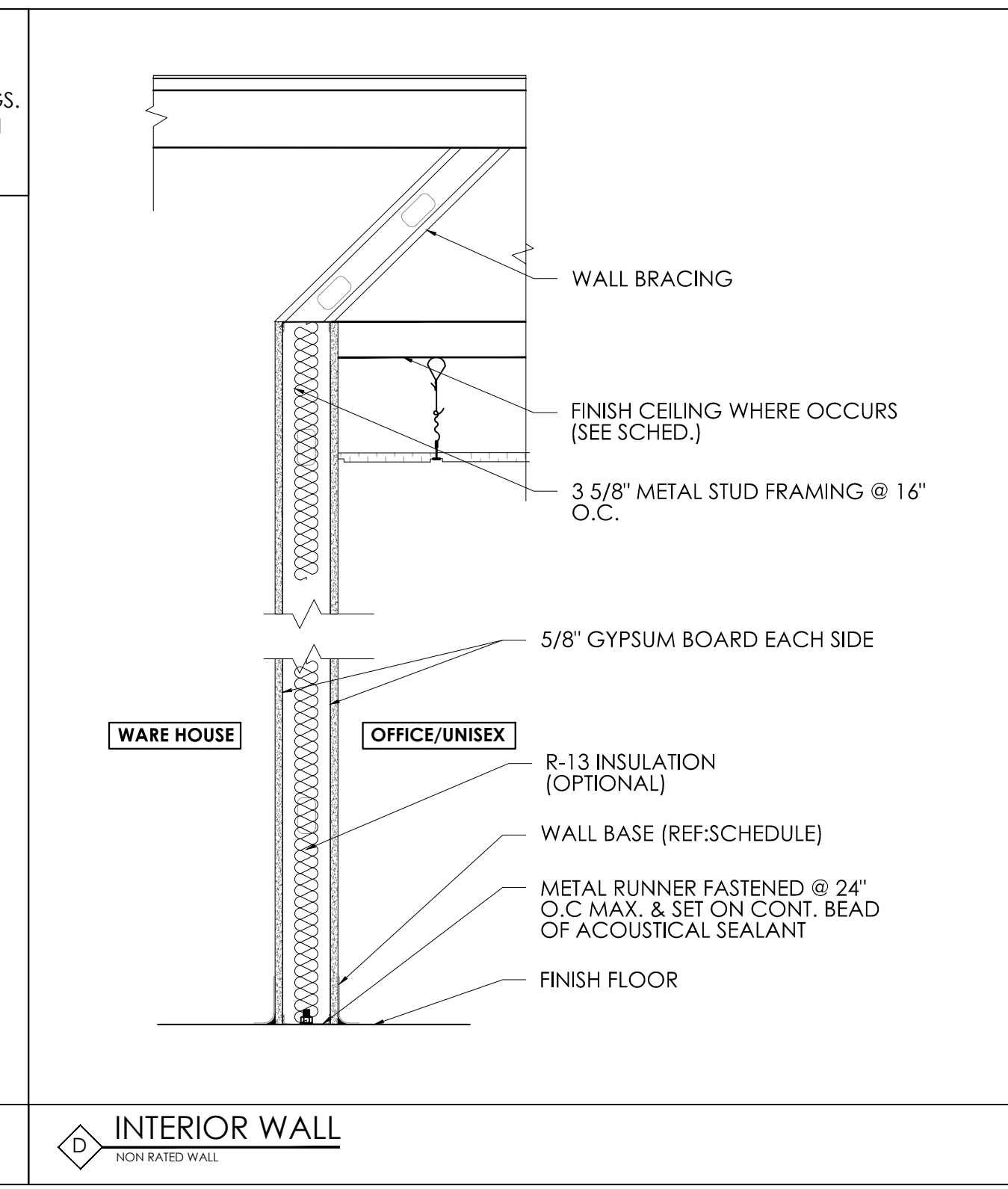
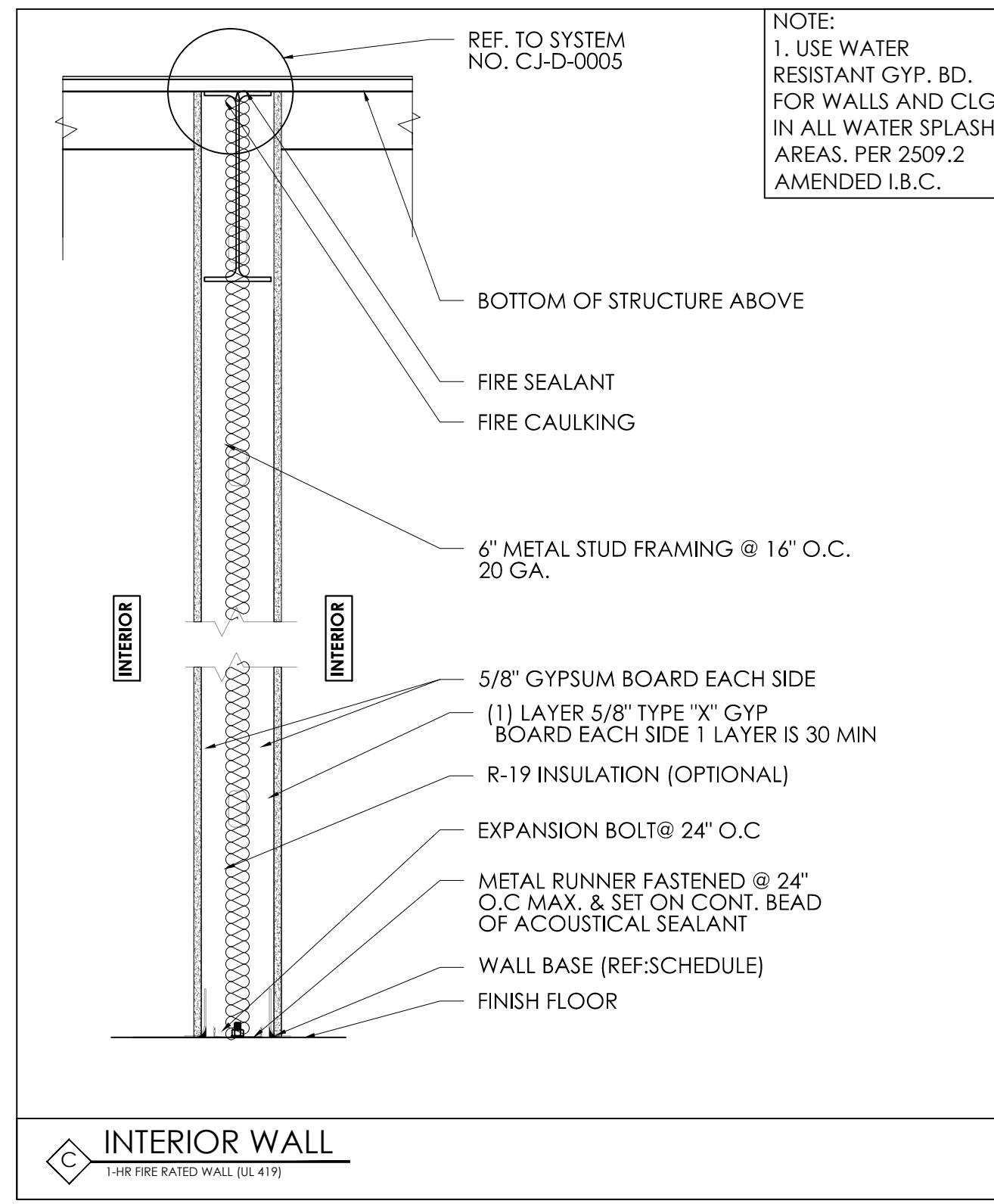
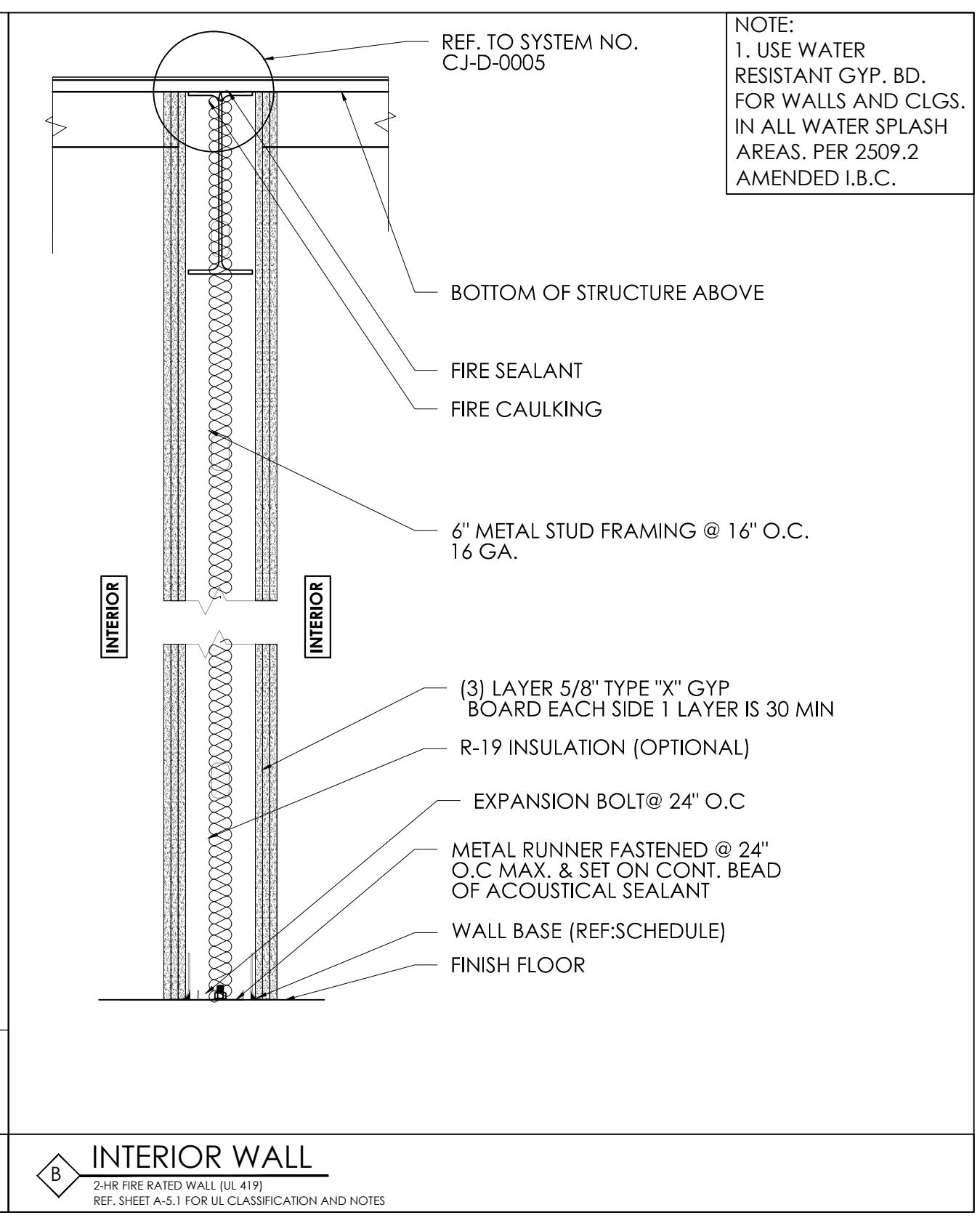
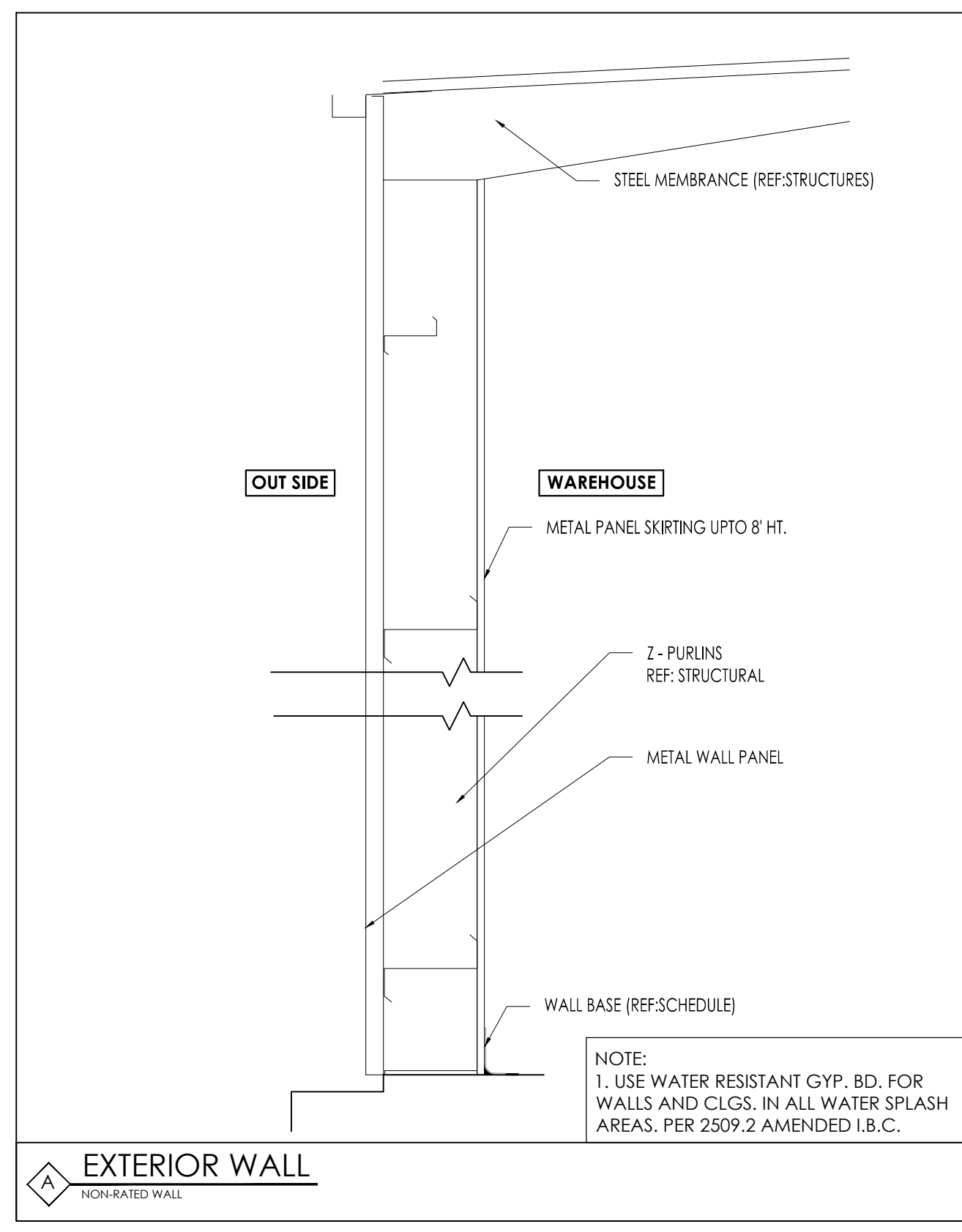
DATE: 11/20/2025

GENERAL NOTES:

CTG Project Number: 24029  
Drawn By: s.k.  
Checked By: T.M.  
Scale: 1"=1'-0"  
File Path:  
\\ctg\dep\2024 dep\2024 commercial\24029 - 7115 fairview off\ctg\unsh\building-2\c-5.0.partition wall types

SHEET TITLE:  
**PARTITION WALL TYPES**

SHEET NUMBER:  
**A-5.0**



**System No. CJ-D-0005**  
April 19, 2012  
Joint Rating - 1 Hr  
Nominal Joint Width - 2 in.  
Class II or III Movement Capabilities - 100% Compression and Extension

**Construction Joints**

**Expansion Joint**

**CJD**

1. Wall Assembly - The minimum 1 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400, V400 or W400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

- Ceiling Deflection Channel - U-shaped channel formed from min 16 ga steel sized to accommodate steel studs (Item 1C) and provided with nom 5 in. (127 mm) flanges. Deflection channel installed parallel with and aligned with web of purlin and secured to bottom flange of purlin with min No. 14 self-tapping, hex-head, plated steel or stainless steel screws spaced max 24 in. (610 mm) O.C.
- Steel Floor and Ceiling Runners - Floor runner of the wall assembly and the floor and ceiling runners of the cripple wall above the wall assembly shall consist of min 1-1/4 in. (32 mm) deep min 25 ga galv steel channels sized to accommodate steel studs (Item 1C). Floor runner of cripple wall aligned with and resting atop flange of purlin. Ceiling runner of cripple wall installed to compress insulation (Item 2C) to min thickness of 3/8 in. (10 mm) by welding lengths of stud (Item 1C) between the runners. Steel studs of cripple wall attached to web of purlin with steel screws driven through opposite side of purlin web.
- Studs - Steel studs to be min 3-1/2 in. (89 mm) wide. Studs cut max 2 in. (51 mm) less in length than the wall assembly height with bottom nesting in and resting on the floor runner and with top nesting in ceiling deflection channel without attachment. Width of stud to be equal to or greater than width of purlin flange. Stud spacing not to exceed 24 in. (610 mm) O.C. Stud spacing of cripple wall cut to length as required to compress insulation (Item 2C) to min thickness of 3/8 in. (10 mm) and spaced max 24 in. (610 mm) O.C.
- Gypsum Board\* - (CKNX) - Min 5/8 in. (16 mm) thick gypsum board sheets installed on each side of wall. Wall to be constructed as specified in the individual U400, V400 or W400 Series Design in the UL Fire Resistance Directory except that a max 2 in. (51 mm) wide gap shall be maintained between the gypsum board of the wall assembly below the purlin and the gypsum board of the cripple wall. Top edge of gypsum board of wall assembly to be max 2 in. (51 mm) below top of ceiling deflection channel. Bottom edge of gypsum board of cripple wall to be flush with top of ceiling deflection channel. Screws securing gypsum board to steel studs of wall assembly to be located 2-1/4 in. to 2 1/2 in. (57 to 64 mm) below flange of ceiling deflection channel. Screws securing gypsum board of cripple wall to be driven into web of purlin and into studs and runners of cripple wall. No screws are to be driven into flanges of ceiling deflection channel.
- Gypsum Board\* - (CKNX) - Min 5/8 in. (16 mm) thick "rip strip" of gypsum board installed to cover first layer of gypsum board on cripple wall and to lap min 3 in. (76 mm) onto gypsum board of wall assembly on each side of wall. The "rip strip" of gypsum board is to be the same material used for the wall assembly and is to be secured to the web of purlin and into studs and runners of the cripple wall. No screws are to be driven into flanges of ceiling deflection channel. Joints of "rip strip" to be offset from joints of gypsum board on wall assembly.

Max separation between top of wall assembly gypsum board and bottom of cripple wall gypsum board (at time of installation of joint system) is 2 in. (51 mm). The joint system is designed to accommodate a max 100 percent compression or extension from its installed width.

2. Nonrated Horizontal Assembly - The nonrated horizontal assembly shall be constructed of the materials and in the manner described in the individual Roof Deck Constructions (Guide TGXX) in the UL Roofing Materials and Systems Directory and shall include the following construction features:

- Purlin - Min 16 ga coated steel. Max spacing as specified in the individual Roof Deck Construction.
- Lateral Bracing - (Not Shown) - As required.
- Batts and Blankets\* - Insulation - Any faced compressible glass-fiber blanket insulation having a min 6 in. (152 mm) thickness before compression and a min density of 0.6 pcf (9.6 kg/m³). Insulation draped over purlins prior to installation of panel clips (Item 2F) and/or metal roof deck panels (Item 2D). Side edges of the batts shall be butted or overlapped a max of 3 in. (76 mm).  
See Batts and Blankets (BZZZ) category in the UL Fire Resistance Directory or Batts and Blankets (BKNV) category in the UL Building Materials Directory for names of manufacturers.
- Metal Roof Deck Panels\* - Min 26 ga coated steel. Panels continuous over two or more spans. Roof panel end laps, if required, centered over purlins with min 3 in. (76 mm) panel overlap as specified in the individual Roof Deck Construction. A line of tube sealant or tape sealant may be used at panel end and side laps.

3. Fill, Void or Cavity Material\* (XHHW) - Caulk - Min 5/8 in. (16 mm) thickness of fill material installed to fill any gap between top of cripple wall gypsum board and insulation (Item 2C) or purlin flange on each side of the wall.

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**Design No. CJ-D-0005 continued**

See Metal Roof Deck Panels (TJPV) category in the UL Roofing Materials and Systems Directory for names of manufacturers.

- Fasteners - Fasteners used for panel-to-purlin and panel-to-panel connections to be self-tapping, hex-head, plated steel or stainless steel screws with either an integral or a separate steel washer fitted with a compressible sealing washer. Fastener type, length, pilot hole diam and spacing to be as specified in the individual Roof Deck Construction.
- Roof Deck Fasteners\* - Panel Clips - (Not Shown) - Panel clips used for panel-to-purlin connections to be secured to purlin through insulation as specified in the individual Roof Deck Construction.  
See Roof Deck Fasteners (TLSX) category in the UL Roofing Materials and Systems Directory for names of manufacturers.
- Thermal Spacer Blocks - (Not Shown) - Expanded polystyrene strips cut to fit between panel clips (Item 2F) as specified in the individual Roof Deck Construction. Thermal spacer blocks, when used, are to be installed between insulation (Item 2C) and metal roof deck panels (Item 2D) over purlins.

3. Fill, Void or Cavity Material\* (XHHW) - Caulk - Min 5/8 in. (16 mm) thickness of fill material installed to fill any gap between top of cripple wall gypsum board and insulation (Item 2C) or purlin flange on each side of the wall.

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No.	DATE	REVISIONS

PROJECT

FILE

**FAIRVIEW OFFICE/WAREHOUSE BUILDING-2  
LOCATED AT  
7115 FAIRVIEW STREET  
HOUSTON, TX 77041**

SEAL



DATE: 11/20/2025

GENERAL NOTES:

CTG Project Number: 24029

Drawn By: s.k

Checked By: T.M

Scale: 3/4" = 1'-0"

File Path:

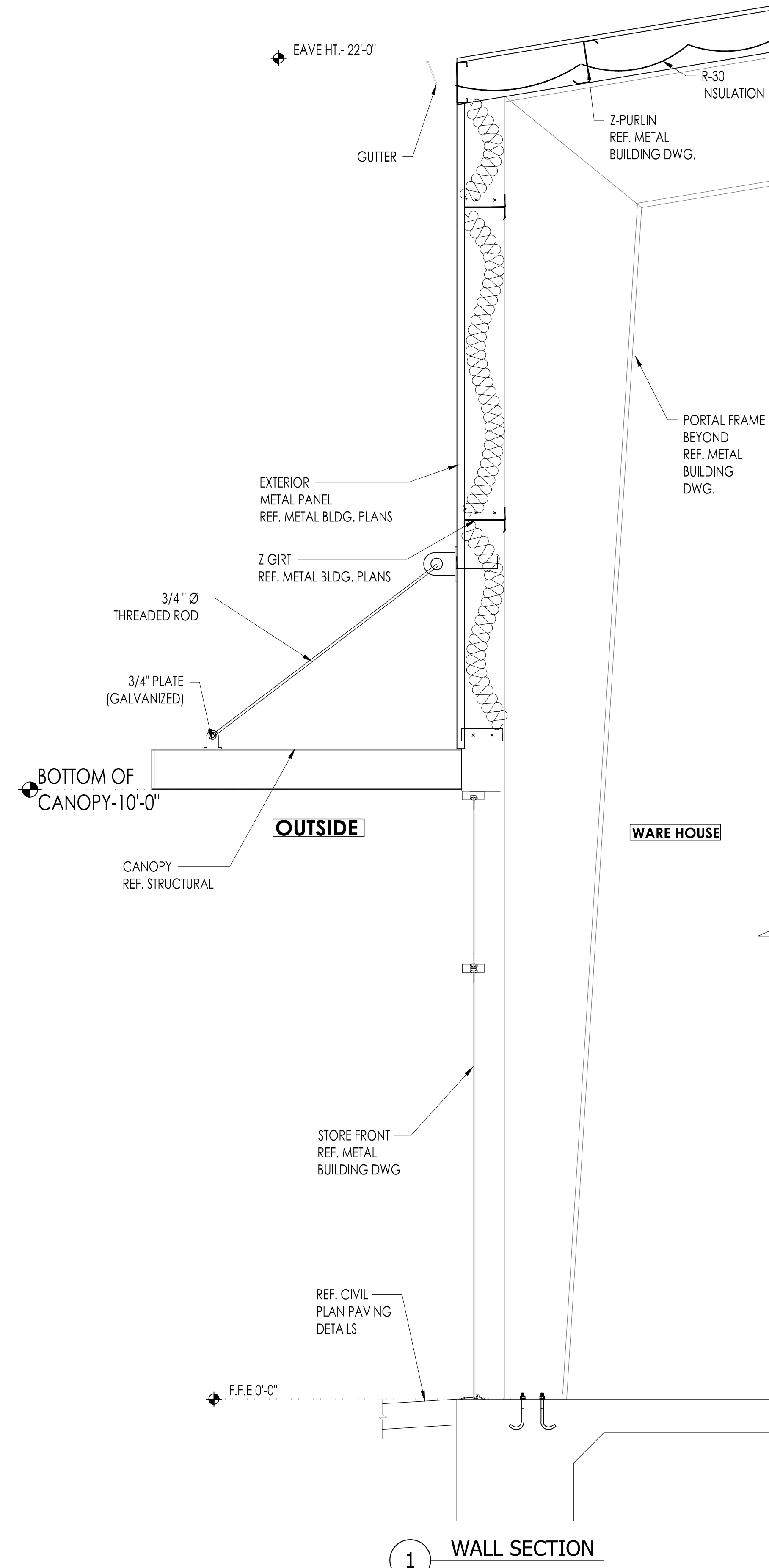
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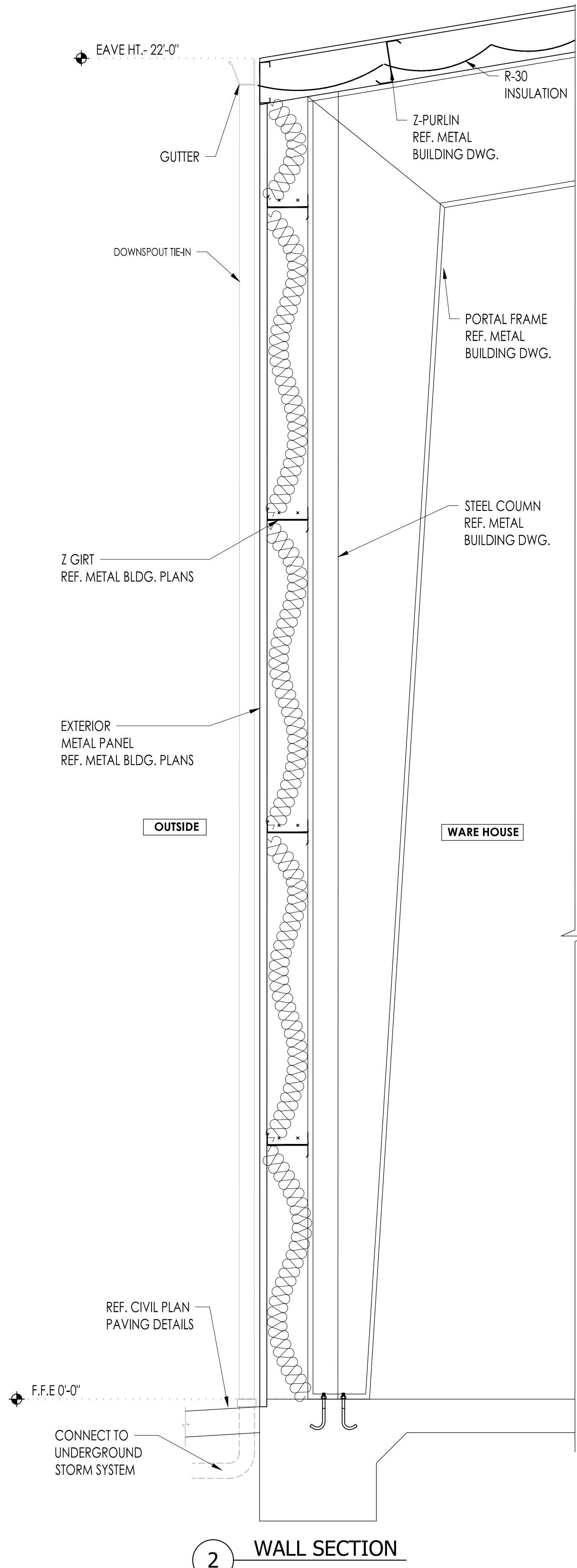
**BUILDING WALL SECTIONS**

SHEET NUMBER:

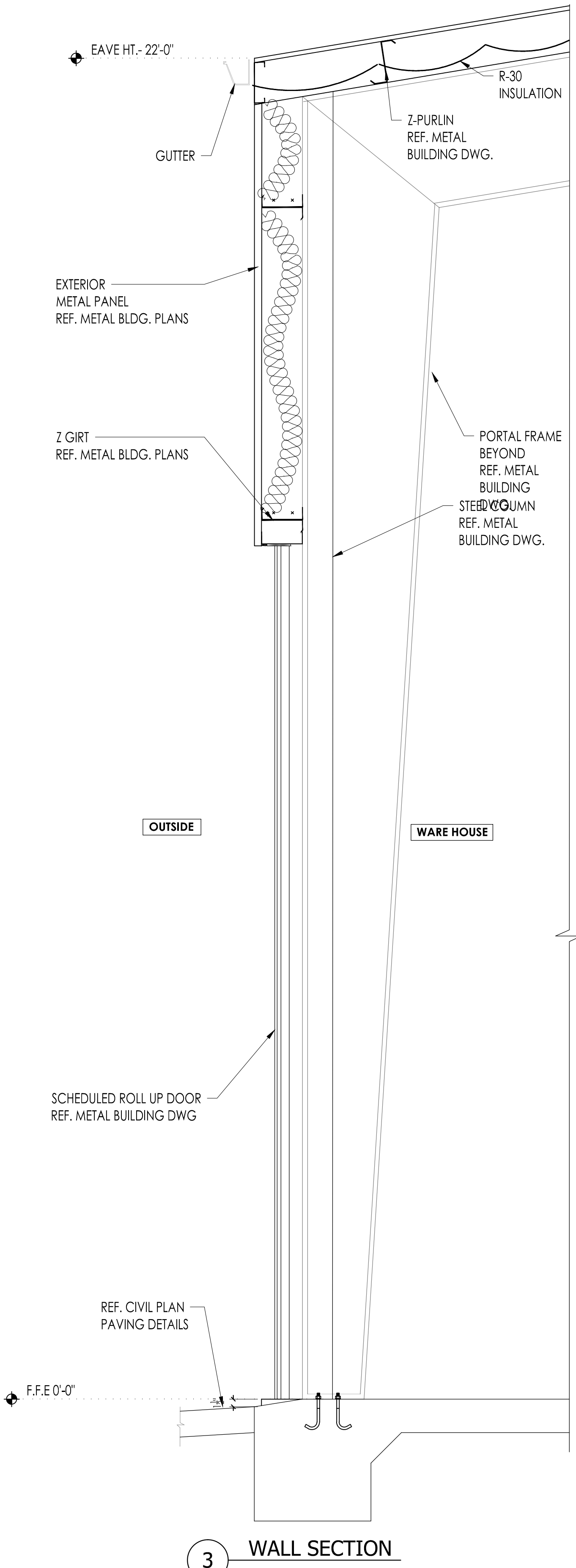
**A-6.0**



1 WALL SECTION



2 WALL SECTION



3 WALL SECTION

No.	DATE	REVISIONS

PROJECT  
FILE

**FAIRVIEW OFFICE/WAREHOUSE  
BUILDING-2  
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SHEET TITLE:

**BUILDING WALL SECTIONS**

SHEET NUMBER:

**A-6.1**

