

# Elgin Sports Complex Expansion

475 SPORTS WAY UNIT A & UNIT B,  
ELGIN, IL 60123



PREPARED FOR:

**ELGIN**  
THE CITY IN THE SUBURBS™  
150 DEXTER COURT  
ELGIN, IL 60120

PREPARED BY:

**SMITHGROUP**

35 EAST WACKER  
SUITE 900  
CHICAGO, IL 60601  
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www.smithgroup.com  
CIVIL, LANDSCAPE,  
STRUCTURAL, ELECTRICAL

CONSULTANTS: ARCHITECTURE

**HPZS**

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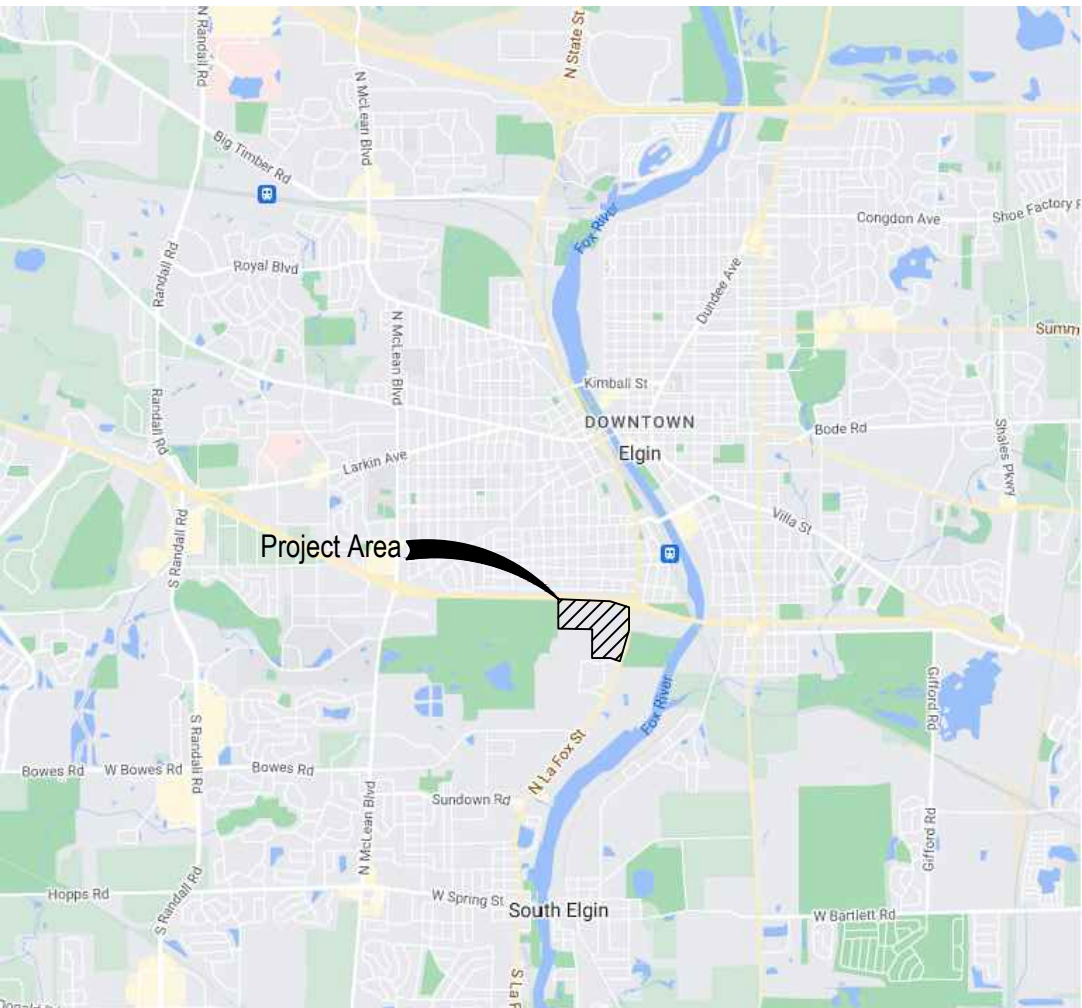
ISSUED FOR:  
**Issue for BID**

NOT FOR CONSTRUCTION

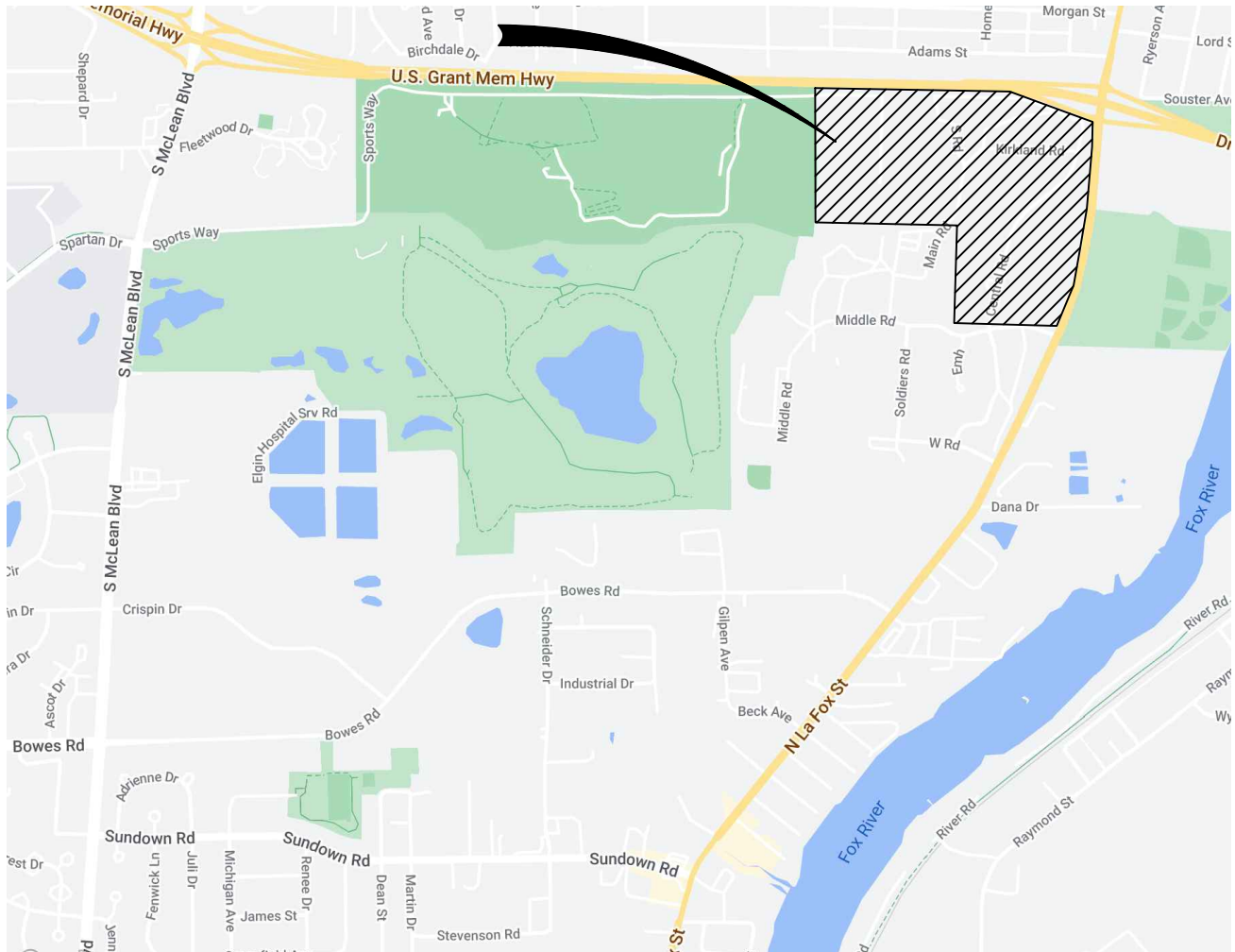
VOLUME NUMBER:  
**VOLUME 2 OF 2**

ISSUE DATE:  
**APRIL 11, 2024**

SMITHGROUP PROJECT NUMBER:  
14106  
BID NUMBER:  
24-032



PROJECT VICINITY MAP



PROJECT LOCATION



SIGNATURE OF ARCHITECT

APRIL MARIE HUGHES  
STATE OF ILLINOIS LICENSED ARCHITECT NO. 001.021835  
EXPIRES ON NOVEMBER, 30, 2024  
STUDIO AH LLC (DBA: HPZS)  
ILLINOIS DESIGN FIRM REGISTRATION NO. 184.007217-0001

ELGIN SPORTS  
COMPLEX  
EXPANSION  
475 SPORTS WAY  
ELGIN, ILLINOIS 60123

VOLUME 2 OF 2

I CERTIFY THAT THESE DRAWINGS WERE PREPARED UNDER MY DIRECT SUPERVISION,  
AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THEY  
CONFORM TO THE GOVERNING BUILDING CODES, THE STATE OF ILLINOIS ACCESSIBILITY  
CODE, THE ENVIRONMENTAL BARRIER ACT, AND THE AMERICANS WITH DISABILITIES ACT.

SHEET INDEX - VOLUME 2

Table with 2 columns: SHEET NO., SHEET DESCRIPTION. Includes a vertical label '4/11/2024 ISSUE FOR BID'.

Table with 2 columns: GENERAL, ARCHITECTURE. Lists various drawing types and their counts.

Table with 2 columns: STRUCTURE, MECHANICAL. Lists structural and mechanical drawing types and their counts.

Table with 2 columns: ELECTRICAL, PLUMBING. Lists electrical and plumbing drawing types and their counts.

Table with 2 columns: FIRE PROTECTION. Lists fire protection drawing types and their counts.

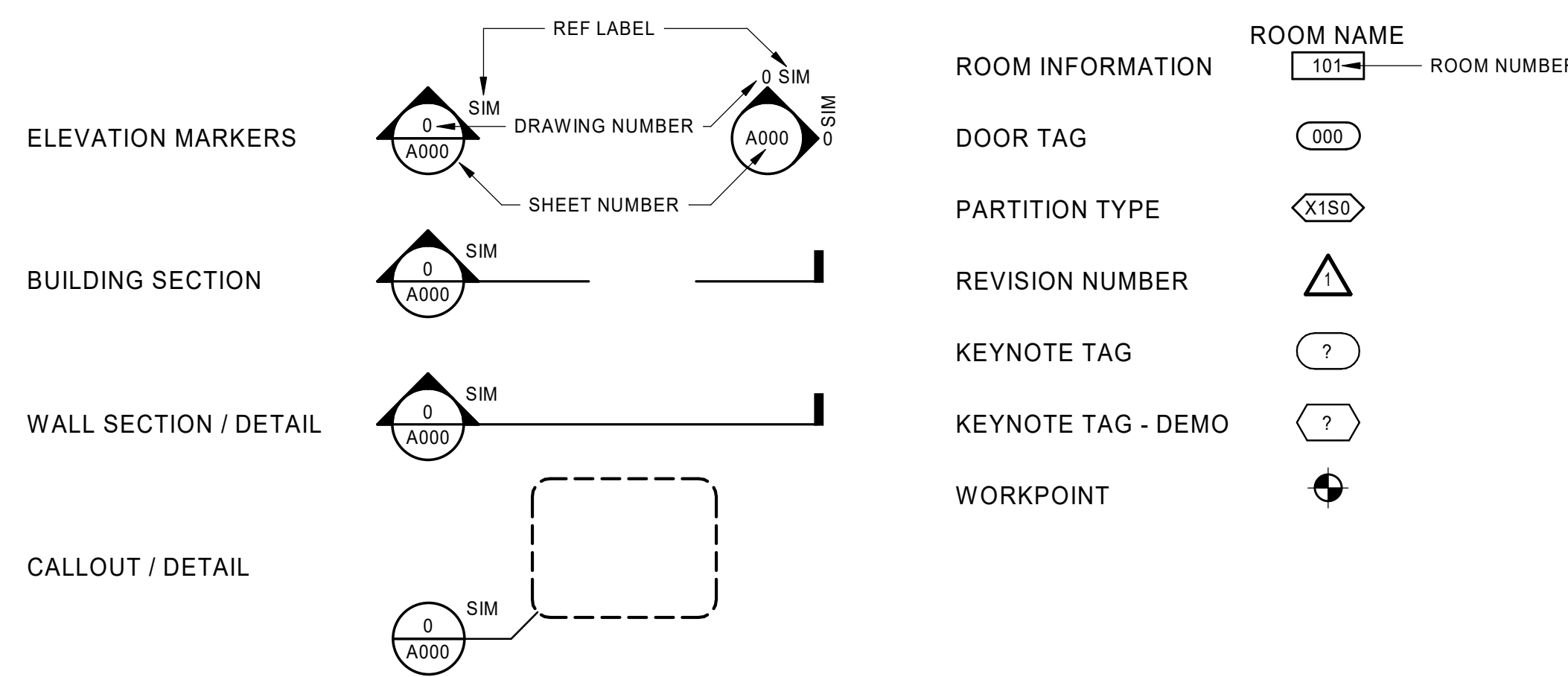
Table with 2 columns: FIRE PROTECTION (continued). Lists fire alarm and riser diagram drawing types and their counts.

TYPICAL ABBREVIATIONS

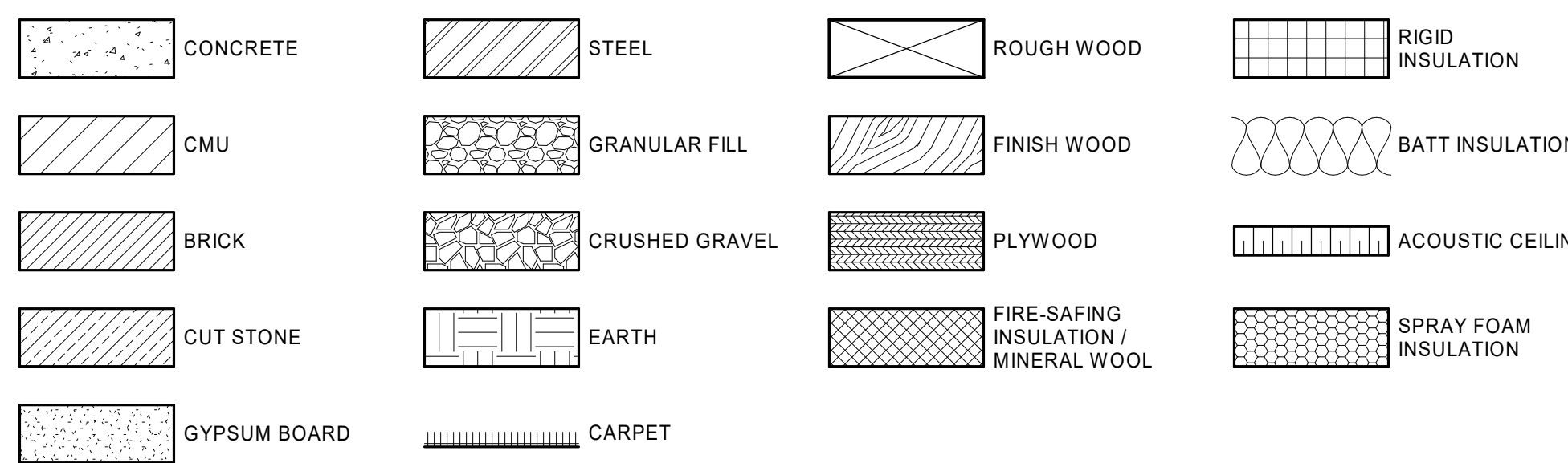
Large table of abbreviations and their corresponding full names, organized in columns.

GRAPHIC STANDARDS

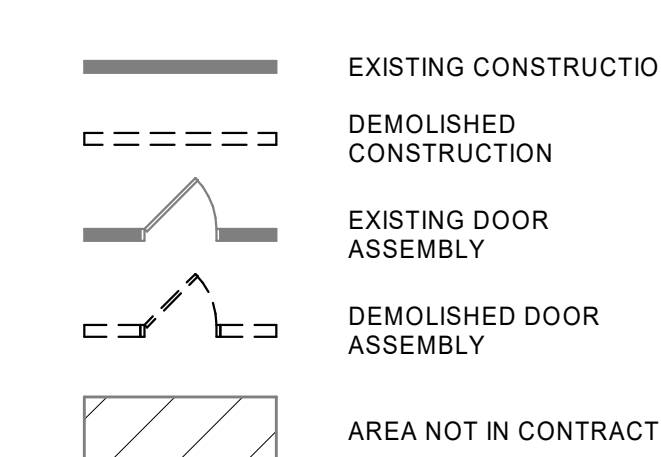
LEGEND - DRAWING SYMBOLS



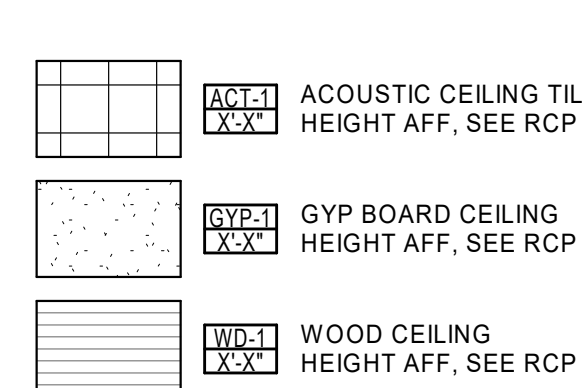
LEGEND - TYPICAL MATERIAL PATTERNS



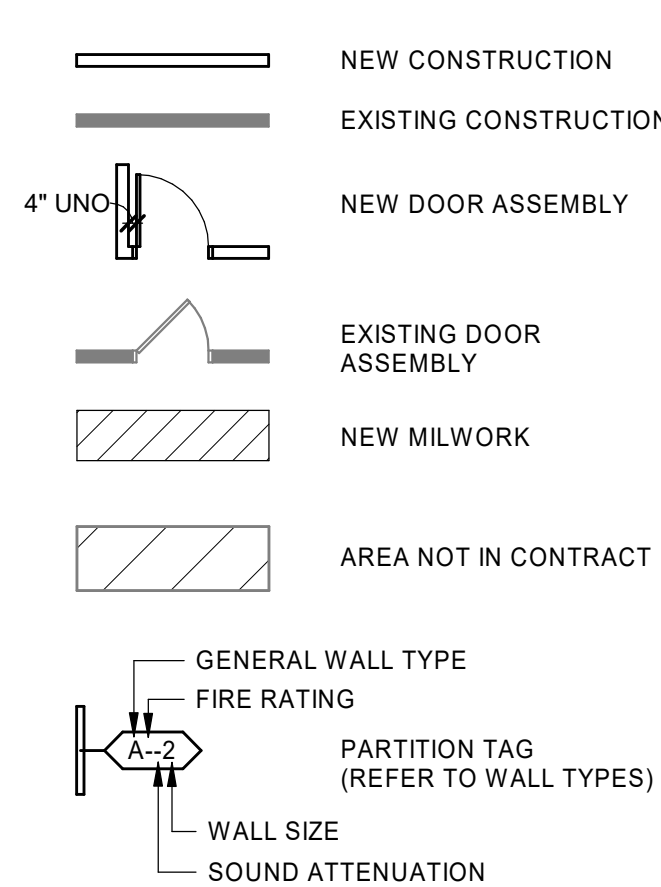
LEGEND - DEMOLITION PLAN



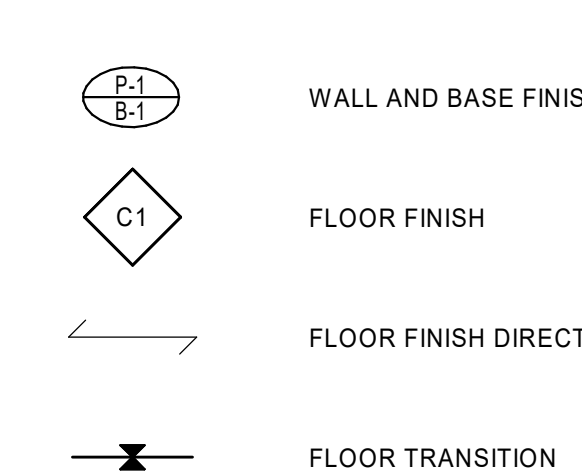
LEGEND - REFLECTED CEILING PLAN



LEGEND - CONSTRUCTION PLAN



LEGEND - FINISH PLAN



OWNER:



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Table with 3 columns: ISSUED FOR, REV, DATE. Shows revision history.

ISSUE FOR BID 1 04/11/2024

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

SHEET TITLE  
SHEET INDEX, GRAPHIC  
STANDARDS, AND  
ABBREVIATIONS

PROJECT NUMBER

G-101

SHEET NUMBER





**BUILDING CODE SUMMARY**

SCOPE STATEMENT: NEW CONSTRUCTION OF (1) CONCESSIONS AND RESTROOM BUILDING AND (1) MAINTENANCE BUILDING TO SUPPORT NEW SPORTS COMPLEX.

AREA OF WORK: 4145 SF

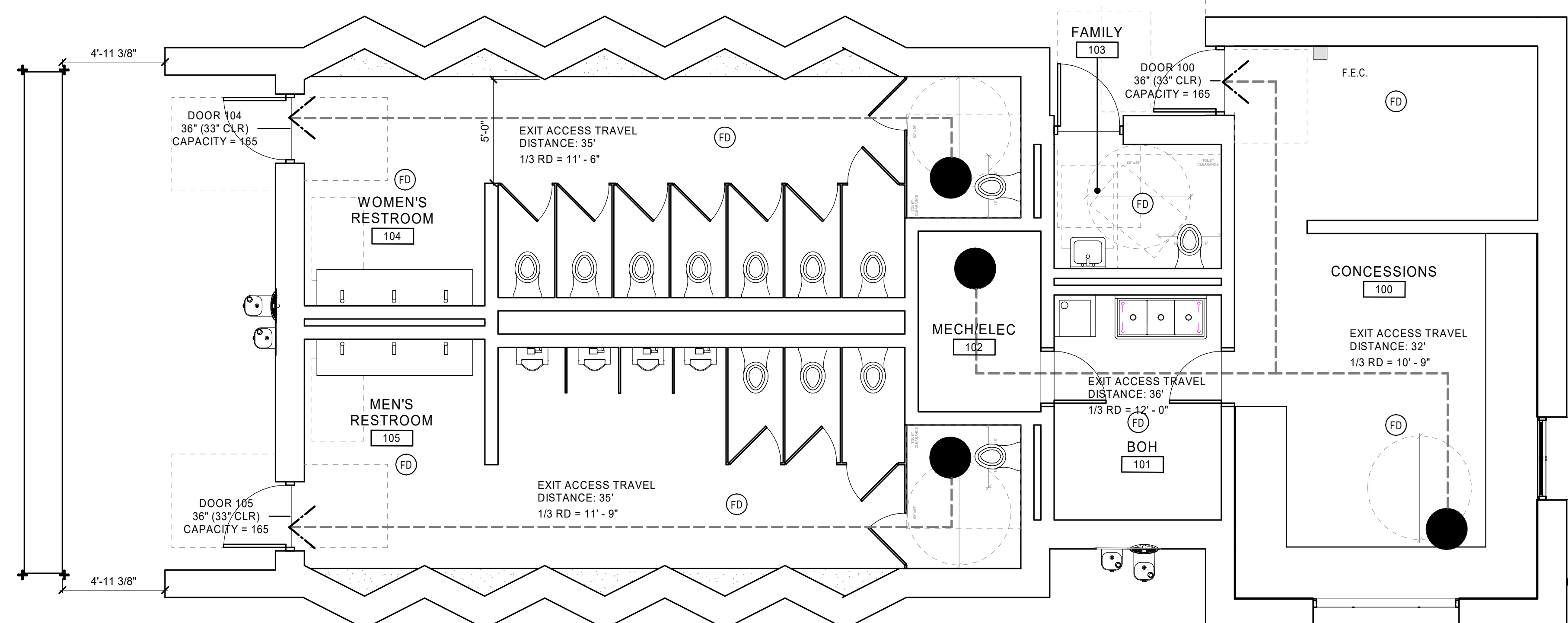
Item	Subject	Code Reference	Ordinance Requirement	Actual	N/A	Location / Sheet No.
Elgin Zoning Ordinance Requirements						
Z.01	Zoning District / Planned Development No.	zoning map	PCF	PCF		
Z.02	Existing Zoning Use(s)	17-17-0100	Planned Community Facility	Planned Community Facility		Permit Application
Z.03	Proposed Zoning Use(s)	17-17-0100	Planned Community Facility	No Change		Permit Application
Z.04	Elgin Landmark Designation	recorded deed restriction			N/A	
Z.05	Lakefront Protection District	zoning map, Ch. 16-4			N/A	
Z.06	Zoning Overlay District	zoning map, Ch. 17-7			N/A	
Z.07	Pedestrian Street	zoning map, 17-3-0500			N/A	
Z.08	Lot Area	17-17-0302			N/A	
Z.09	Floor Area Ratio (FAR)	varies by district			N/A	
Z.10	Total Floor Area	17-17-0305, varies by district			N/A	
Z.11	Building Height	17-17-0311, varies by district			N/A	
Z.12	Front Setback	17-17-0306, varies by district			N/A	
Z.13	Combined Side Setbacks	17-17-0308, varies by district			N/A	
Z.14	Rear Setback	17-17-0307, varies by district			N/A	
Z.15	Rear Yard / On-site Open Space	17-2-0307, 17-4-0410			N/A	
Z.16	Number of Dwelling Units (include above)	varies by district			N/A	
Z.17	Number of Off-street Parking Spaces	17-10-0200			N/A	
Z.18	EVSE-ready Parking Spaces (include above)	17-10-1011 (eff. 11/1/20)			N/A	
Z.19	Number of Off-street Loading Spaces	17-10-1100			N/A	
Z.20	Landscape Ordinance Compliance	Ch. 17-11			N/A	
Z.21	Townhouse Development Standards	17-2-0500			N/A	
Z.22	Planned Development Standards	Ch. 17-4			N/A	
Z.23	Open Space Impact Fee Worksheet	Ch. 16-18			N/A	
Z.24	Affordable Requirements Ordinance (ARO) Forms	Ch. 2-44			N/A	
Z.24	Plat of Survey	17-13-1302-B				Survey folder in ProjectDox
2021 International Building Code Requirements						
B.03.01	Proposed Occupancy Classification(s)	14B-3-302.1		A-5: Assembly		
B.03.02	Existing Occupancy Classification(s)	14R-3-302.6, Ch. 14B-3			N/A	
B.04.01	Special Occupancy Conditions	Ch. 14B-4			N/A	
B.05.01	Grade Plane	14B-2-203.2			N/A	
B.05.02	Building Height in Feet Above Grade Plane	14B-2-203.3, 14B-5-504.3	Unlimited	589'-10"		
B.05.03	Number of Stories Above Grade Plane	14B-2-202, 14B-5-504.4	Unlimited	1		
B.05.04	Mezzanine / Equipment Platform	14B-5-505			N/A	
B.05.05	Building Area	14B-2-203.4, 14B-5-506			N/A	
B.05.06	Number of Basements Excluded from Area	14B-5-506.1.3			N/A	
B.05.07	Frontage Increase	14B-5-508.3			N/A	
B.05.08	Mixed Occupancy Strategy	14B-5-508			N/A	
B.05.09	Accessory Occupancies	14B-5-508.2			N/A	
B.05.10	Incidental Uses	14B-5-509		Refer to Code/Egress Plan		Sheet G301
B.06.01	Construction Classification	14B-6-602			N/A	
	Rating - Primary Structural Frame	Table 14B-6-601, 14B-7-704	3 hr		N/A	
	Rating - Exterior Bearing Walls	Table 14B-6-601, 14B-6-602			N/A	
	Rating - Interior Bearing Walls	Table 14B-6-601			N/A	
	Rating - Exterior Nonbearing Walls	Table 14B-6-602			N/A	
	Rating - Floor Construction	Table 14B-6-601	2 hr		N/A	
	Rating - Roof Construction	Table 14B-6-601			N/A	
B.06.02	Combustible Material, Type I-IV Construction	14B-6-603, 14B-6-604	Fire-retardant-treated wood in nonbearing partitions of 1 hr or less; Thermal and acoustical insulation with flame-spread of 25 or less; Wood doors and frames; Trim per 14B-8-806; Finish Flooring per 14B-8-805; Blocking in exterior walls or interior walls of 1 hr or less; Nailing or furring strips per 14B-8-803.15	Fire-retardant-treated wood in nonbearing partitions of 1 hr or less; Thermal and acoustical insulation with flame-spread of 25 or less; Wood doors and frames; Trim per 14B-8-806; Finish Flooring per 14B-8-805; Blocking in exterior walls or interior walls of 1 hr or less; Nailing or furring strips per 14B-8-803.15		N/A
B.06.03	Basement Construction	14B-6-605			N/A	
B.07.01	Exterior Wall Rating	Tables 14B-6-601, 14B-6-602			N/A	
B.07.02	Exterior Wall Projections	14B-7-705.2			N/A	
B.07.03	Exterior Wall Openings	14B-7-705.3			N/A	
B.07.04	Exterior Wall Parapets	14B-7-705.11			N/A	
B.07.05	Fire Wall Ratings	14B-7-706.4			N/A	
B.07.06	Fire Wall Openings	14B-7-706.8, 14B-7-716.1			N/A	
B.07.07	Wall/Floor Rating - Occupancy Separation	14B-7-707.3.9, 14B-7-711.2.4.1			N/A	
B.07.08	Wall/Floor Rating - Fire Area Separation	14B-7-707.3.10, 14B-7-711.2.4.2			N/A	
B.07.09	Wall/Floor Rating - Control Area	14B-4-414.2.4, 14B-7-707.3.8			N/A	
B.07.10	Wall/Floor Rating - Incidental Uses	14B-7-707.3.7, 14B-7-711.2.4.5	Telecommunications Room over 50 sq ft - 2 hr	Refer to Code/Egress Plan		Sheet A010-26
B.07.11	Wall/Floor - Unit Separation	14B-4-420, 14B-7-711.2.4.3			N/A	
B.07.12	Wall/Floor - Corridor	14B-7-708, 14B-10-1020.1	No rating required in sprinklered buildings	Not rated		
B.07.13	Smoke Barrier	14B-7-709			N/A	
B.07.14	Vertical Openings	14B-7-712			N/A	
B.07.15	Shaft Enclosure - Rating	14B-7-713.4			N/A	
B.07.16	Shaft Enclosure - Continuity	14B-7-713.5			N/A	
B.07.17	Shaft Enclosure - Openings / Penetrations	14B-7-713.7, 14B-7-713.8			N/A	
B.07.18	Penetration of Rated Construction	14B-7-714	Refer to General Notes & MEP/FP Drawings	Refer to General Notes & MEP/FP Drawings		Sheet A002
B.07.19	Opening Protectives	14B-7-716	Fire barriers & shaft enclosures with 2 hr ratings + 1 1/2 hr	Refer to Door Schedule		Sheet A651
B.07.20	Duct and Air Transfer Openings	14B-7-717				Mechanical Drawings
B.07.21	Fireblocking / Draftstopping	14B-7-718	Refer to Code General Notes	Refer to Code General Notes		Sheet A010-26
B.08.01	Interior Finish - Rooms / Spaces	Table 14B-8-803.13	Refer to Interior Materials Compliance Notes	Refer to Interior Materials Compliance Notes		Sheet A010-26
B.08.02	Interior Finish - Corridors / Exit Access	Table 14B-8-803.13	Refer to Interior Materials Compliance Notes	Refer to Interior Materials Compliance Notes		Sheet A010-26
B.08.03	Interior Finish - Exit / Exit Discharge	Table 14B-8-803.13			N/A	
B.08.04	Interior Floor Finish (Fibrous)	14B-8-803.4.2	Refer to Interior Materials Compliance Notes	Refer to Interior Materials Compliance Notes		Sheet A010-26
B.09.02	Automatic Sprinkler System	14B-9-903.2		Building is fully sprinklered		Fire Protection Drawings
B.09.03	Alternative Automatic Extinguishing System	14B-9-904.2			N/A	
B.09.04	Standpipe System	14B-9-905.3			N/A	
B.09.05	Portable Fire Extinguishers	14B-9-906.1	Required	Refer to Code/Egress Plan & Floor Plan		Sheet A010-26, Sheet A100-26, Sheet FP3.26
B.09.06	Fire Alarm System	14B-9-907.2			N/A	
B.09.07	Single- and Multiple-station Smoke Alarms	14B-9-907.2.10			N/A	
B.09.08	Visible Alarm Notification	14B-9-907.5.2.3				Electrical / Fire Alarm Drawings
B.09.09	Smoke Control System	14B-9-909			N/A	
B.09.10	Smoke and Heat Removal	14B-9-910.2			N/A	
B.09.11	Fire Department Connection	14B-9-912.2, 14B-9-912.4			N/A	
B.09.12	Fire Pump Room Rating	14B-9-912.1			N/A	
B.09.13	Signage for Shaftway / Equipment Room	14B-9-914			N/A	
B.09.14	Carbon Monoxide Detection	14B-9-915			N/A	
B.09.15	City Fire Alarm Box	14B-9-919.1			N/A	
B.10.01	Occupant Load Calculations Shown	14B-10-1004.1				Sheet A010-26
B.10.02	Egress Capacity Calculations Shown	14B-10-1005.1				Sheet A010-26
B.10.03	Common Path of Egress Travel Distance	Table 14B-10-1006.2.1				Sheet A010-26
B.10.04	Single Exit Condition Allowed	14B-10-1006.3.3			N/A	
B.10.05	Exit and Exit Access Separation	14B-10-1007.1	1/3rd of maximum diagonal distance for sprinklered buildings	Refer to Code/Egress Plan		Sheet A010-26
B.10.06	Accessible Means of Egress	14B-10-1009	2 Accessible Means of Access Required	Compliant		Sheet A010-26
B.10.07	Two-way Communication	14B-10-1009.8			N/A	
B.10.08	Roof Access	14B-10-1011.12			N/A	
B.10.09	Exit Signs	14B-10-1013				Electrical Drawings
B.10.10	Handrail / Guard Details	14B-10-1014, 14B-10-1015			N/A	
B.10.11	Exit Access Travel Distance	14B-10-1017.2			N/A	
B.10.12	Assembly Seating Requirements	14B-10-1029			N/A	
B.12.01	Natural Ventilation	14B-12-1202.1			N/A	
B.12.02	Natural Light	14B-12-1204.2			N/A	
B.12.03	Court / Yard Minimum Dimensions	14B-12-1205			N/A	
B.12.04	Minimum Ceiling Height	14B-12-1207.2	7'-6" minimum	Compliant		A120-26
B.12.05	Minimum Room Area	14B-12-1207.3			N/A	
B.14.01	Exterior Wall Coverings - Combustibility	14B-14-1405.1			N/A	
B.15.01	Roof Fire Classification	14B-15-1505.1			N/A	
B.15.02	Roof Structure Height	14B-15-1510, 14B-15-1513			N/A	
B.15.03	Roof Structure Area	14B-15-1510.1.1, 14B-15-1513.1.1			N/A	
B.15.04	Roof Structure Materials	14B-15-1513.3			N/A	
B.15.05	Roof Covering Solar Reflectance	14B-15-1515.2			N/A	
B.27.01	Electrical Room Fire Resistance Rating	Table 14B-5-509, Title 14E			N/A	
B.27.02	Electrical Room Number of Exits	14B-10-1006.2.2.7			N/A	
B.28.01	Mechanical Room Fire-resistance Rating	Table 14B-5-509			N/A	
B.30.01	Mechanical Room Number of Exits	14B-10-1006.2.2			N/A	
B.30.02	Elevator Cabs Per Hoistway	14B-30-3002.2			N/A	
B.30.03	Elevator Cab Dimensions	14B-30-3002.4			N/A	
B.30.04	Standby Power for Elevator	14B-10-1009.4.1			N/A	
B.31.01	Fence Height and Materials	14B-31-3114, (also zoning reqs.)			N/A	

**BUILDING CODE SUMMARY - IBC**

SCOPE STATEMENT: NEW CONSTRUCTION OF (1) CONCESSIONS AND RESTROOM BUILDING AND (1) MAINTENANCE BUILDING TO SUPPORT NEW SPORTS COMPLEX.

AREA OF WORK: 4145 SF

CHAPTER 3 - USE & OCCUPANCY CLASSIFICATION		CHAPTER 6 - TYPES OF CONSTRUCTION	
A/ ASSEMBLY	4145 SF	TYPE OF CONSTRUCTION PROPOSED	TYPE I-B
B/ BUSINESS	XXX SF	BUILDING ELEMENTS	
E/ EDUCATION, ETC. (SEE SECTION 302)	XXX SF	STRUCTURAL FRAME	0 HR
		EXTERIOR BEARING WALLS	0 HR
		INTERIOR BEARING WALLS	0 HR
		EXTERIOR NON-BEARING WALLS	0 HR
		INTERIOR NON-BEARING WALLS	0 HR
		FLOORS	0 HR
		ROOF	0 HR
		EXTERIOR WALLS BASED ON FIRE SEPERATION	
		NORTH	0 HR
		EAST	0 HR
		SOUTH	0 HR
		WEST	0 HR
CHAPTER 5 - GENERAL BUILDING HEIGHTS & AREAS		CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES	
BASED ON MOST RESTRICTIVE OCCUPANCY GROUP X/XXXXX		FIRE RESISTANCE RATING REQUIREMENTS FOR ELEVATOR LOBBY SHAFT ENCLOSURES	
BUILDING HEIGHT	TABLE 503		NA
ALLOWABLE HEIGHT	XXX FT		NA
SPRINKLER INCREASE	XXX FT		
TOTAL	XXX FT		
PROPOSED HEIGHT	XXX FT		
NUMBER OF STORIES	TABLE 604.4		
ALLOWABLE NUMBER	NA STORY		
SPRINKLER INCREASE	NA STORY		
TOTAL	1 STORY		
PROPOSED NUMBER	1 STORY		
BUILDING AREA	TABLE 506.2		
ALLOWABLE AREA (SPRINKLER INCREASE)	NA SF		
PROPOSED AREA	4145 SF		
CHAPTER 9 - FIRE PROTECTION SYSTEMS		CHAPTER 10 - MEANS OF EGRESS	
		REFER TO EGRESS PLANS	



1 EGRESS PLAN - CONCESSIONS BUILDING  
1/4" = 1'-0"

**INTERIOR MATERIAL COMPLIANCE**

A.	MATERIALS USED FOR INTERIOR WALL AND CEILING FINISHES WITHIN THE TENANT SPACE CONFORM TO CHAPTER 8 OF THE IBC. ALL MATERIALS CONFORM TO CLASS C, WITH A FLAME SPREAD INDEX OF 76-200 AND A SMOKE-DEVELOPED INDEX OF 0-450.	475 SPORTS WAY IS A NON SPRINKLERED BUILDING WITH AN EMERGENCY ALARM COMMUNICATION SYSTEM. MAX. COMMON PATH OF TRAVEL (PER TABLE 1006.2.1): ASSEMBLY = 75 FT MAX. DEAD-END (PER 1020.5): ASSEMBLY = 20 FT
B.	MATERIALS USED FOR INTERIOR WALL AND CEILING FINISHES WITHIN INTERIOR EXIT STAIRWAYS, INTERIOR EXIT RAMPS AND EXIT PASSAGEWAYS CONFORM TO CHAPTER 8 OF THE IBC. ALL MATERIALS CONFORM TO CLASS B, WITH A FLAME SPREAD INDEX OF 26-75 AND A SMOKE-DEVELOPED INDEX OF 0-450.	MAX. TRAVEL DISTANCE (PER TABLE 1017.2): ASSEMBLY = 200 FT
C.	MATERIALS USED FOR WALL AND CEILING FINISHES AT CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND EXIT ACCESS RAMPS CONFORM TO CHAPTER 8 OF THE IBC. GROUP B, ALL MATERIALS CONFORM TO CLASS C, WITH A FLAME SPREAD INDEX OF 76-200 AND A SMOKE-DEVELOPED INDEX OF 0-450. GROUP A, ALL MATERIALS CONFORM TO CLASS B, WITH A FLAME SPREAD INDEX OF 26-75 AND A SMOKE-DEVELOPED INDEX OF 0-450.	
D.	MATERIALS USED FOR INTERIOR FLOOR FINISH COMPLIES WITH THE DOC FF-1 "PILL TEST" OR ASTM D 2859.	

**EGRESS DESIGN APPROACH**

Level	FUNCTION OF SPACE	SPACE	AREA (SF)	FACTOR (SF/OCCUPANT)	OCCUPANT LOAD
LEVEL 1	ASSEMBLY AREA	CONCESSIONS	1,057 SF	20	53
LEVEL 1					53

**LOAD CAPACITY IBC**

Level	FUNCTION OF SPACE	SPACE	AREA (SF)	FACTOR (SF/OCCUPANT)	OCCUPANT LOAD
LEVEL 1	ASSEMBLY AREA	CONCESSIONS	1,057 SF	20	53
LEVEL 1					53

**EGRESS ELEMENT CAPACITY IBC**

EXIT DOORS (VERTICAL EXITS)	DOOR ID	ROOM	DOOR WIDTH	CAPACITY FACTOR	OCCUPANT LOAD SERVED
		100	CONCESSIONS	33"	0.2
	104	WOMEN'S RESTROOM	33"	0.2	165
	105	MEN'S RESTROOM	33"	0.2	165
	108	FAMILY			























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SHEET NOTES

- A. SEE G-SERIES SHEETS FOR GRAPHIC STANDARDS, TYPICAL... B. ABBREVIATIONS, GENERAL NOTES, LIFE-SAFETY AND ACCESSIBILITY REQUIREMENTS... C. SEE SHEET G-103 FOR CEILING-SPECIFIC GENERAL NOTES... D. SEE SHEET G-103 FOR FINISH-SPECIFIC GENERAL NOTES... E. SEE SHEET A-631 FOR MATERIAL, FINISH, AND FIXTURE SCHEDULES... F. SEE SHEET A-632 FOR EQUIPMENT INFORMATION... G. SEE STRUCTURAL SHEETS FOR CONCRETE FOUNDATION DIMENSIONS... H. DIMENSIONS ARE TO FINISH FACE, UNLESS NOTED OTHERWISE... I. DOORS NOT DIMENSIONED ARE CENTERED IN THEIR WALL OR THEIR R.O. IS 3/8" FROM THE NEAREST WALL FRAMING... J. JOISTS AND BEAMS AS SHOWN ARE IN FRAMING PLATFORM ABOVE... K. ALL FURNITURE AND EQUIPMENT PROVIDED BY OWNER... L. EXTERIOR MATERIALS TO COMPLY WITH THE CITY OF ELGIN'S PLANNING AND ZONING REQUIREMENTS.

Table with columns: ISSUED FOR, REV, DATE. Includes a row for 'ISSUE FOR BID' dated 04/11/2024.

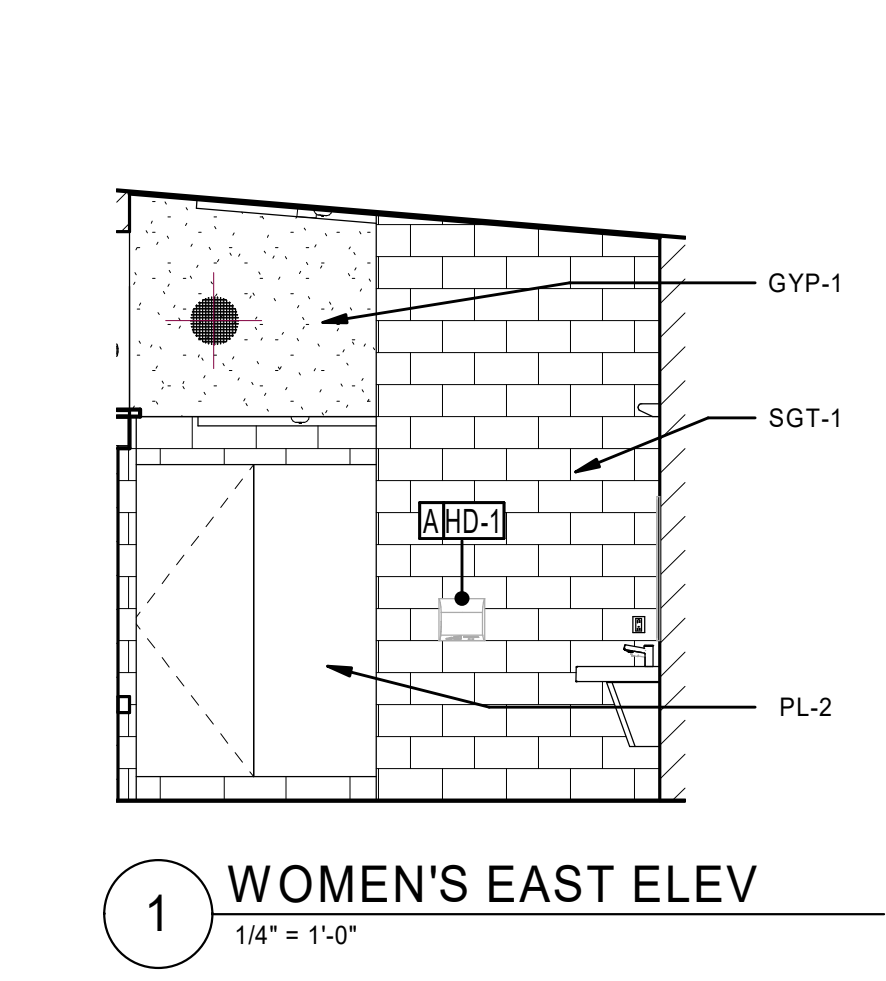
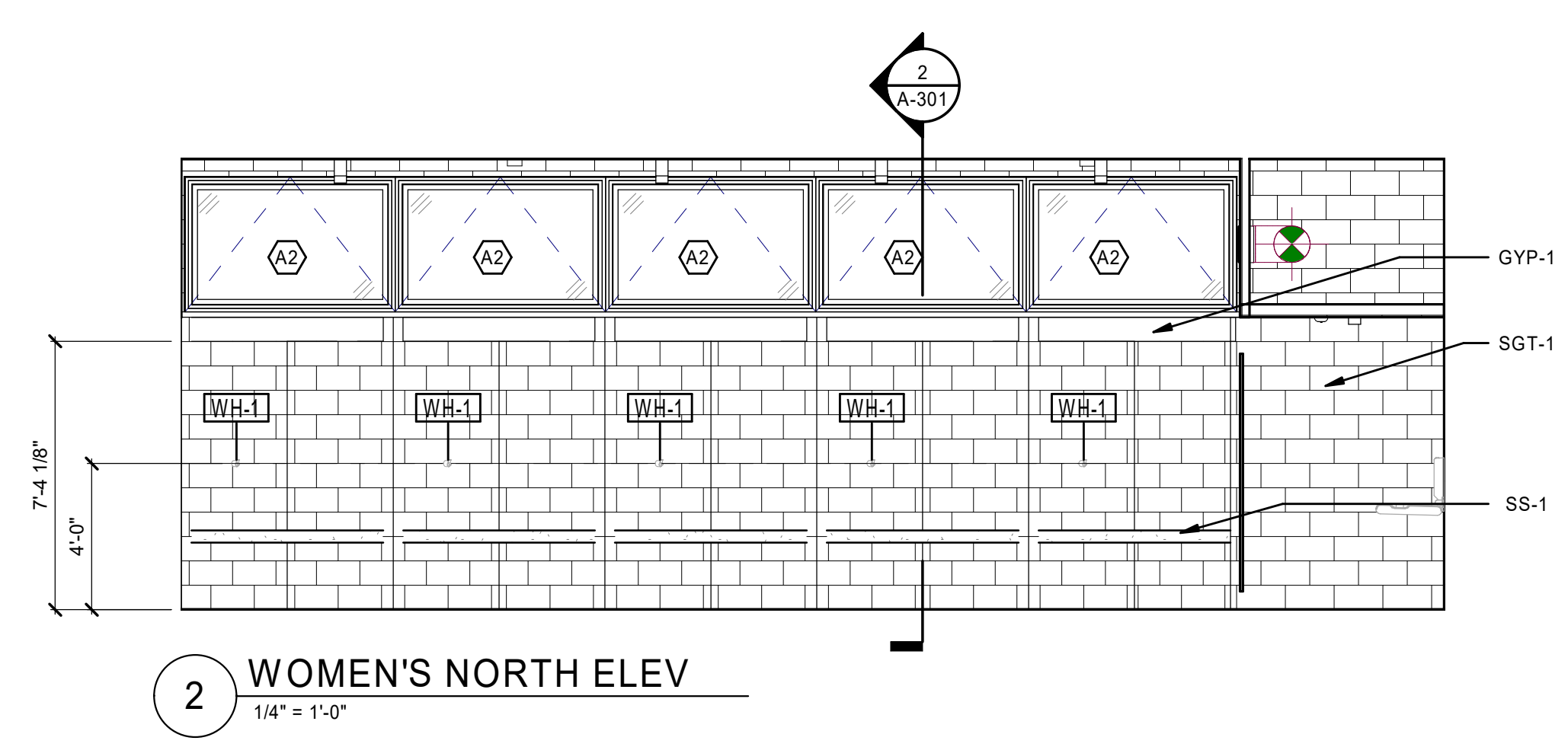
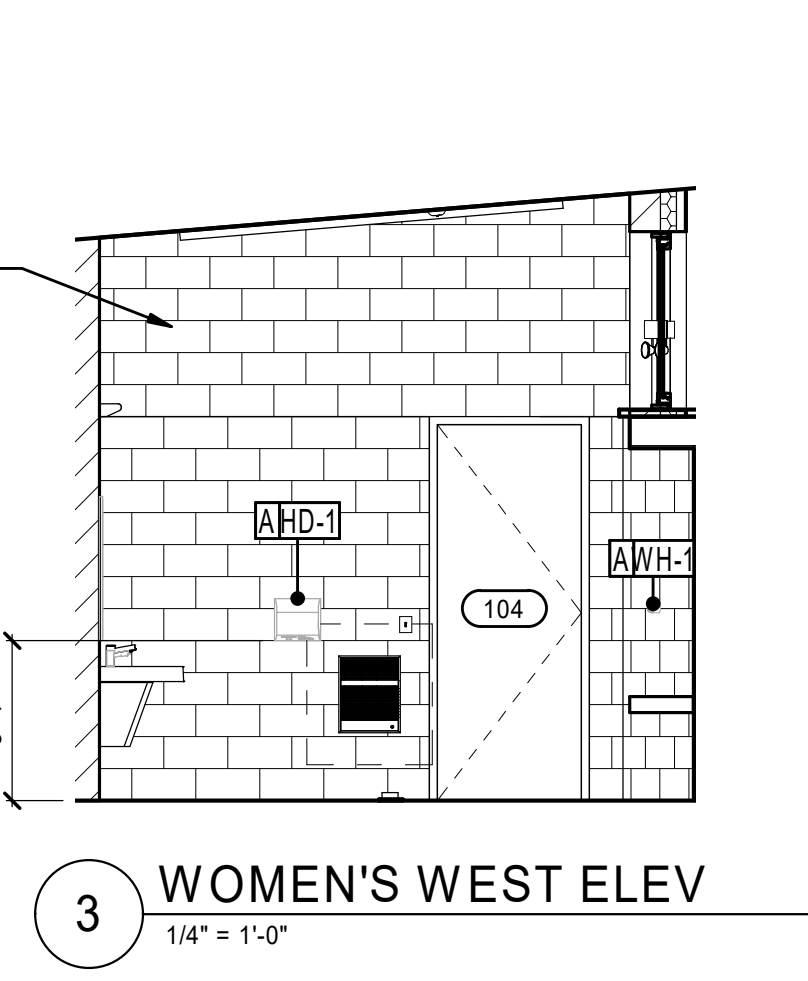
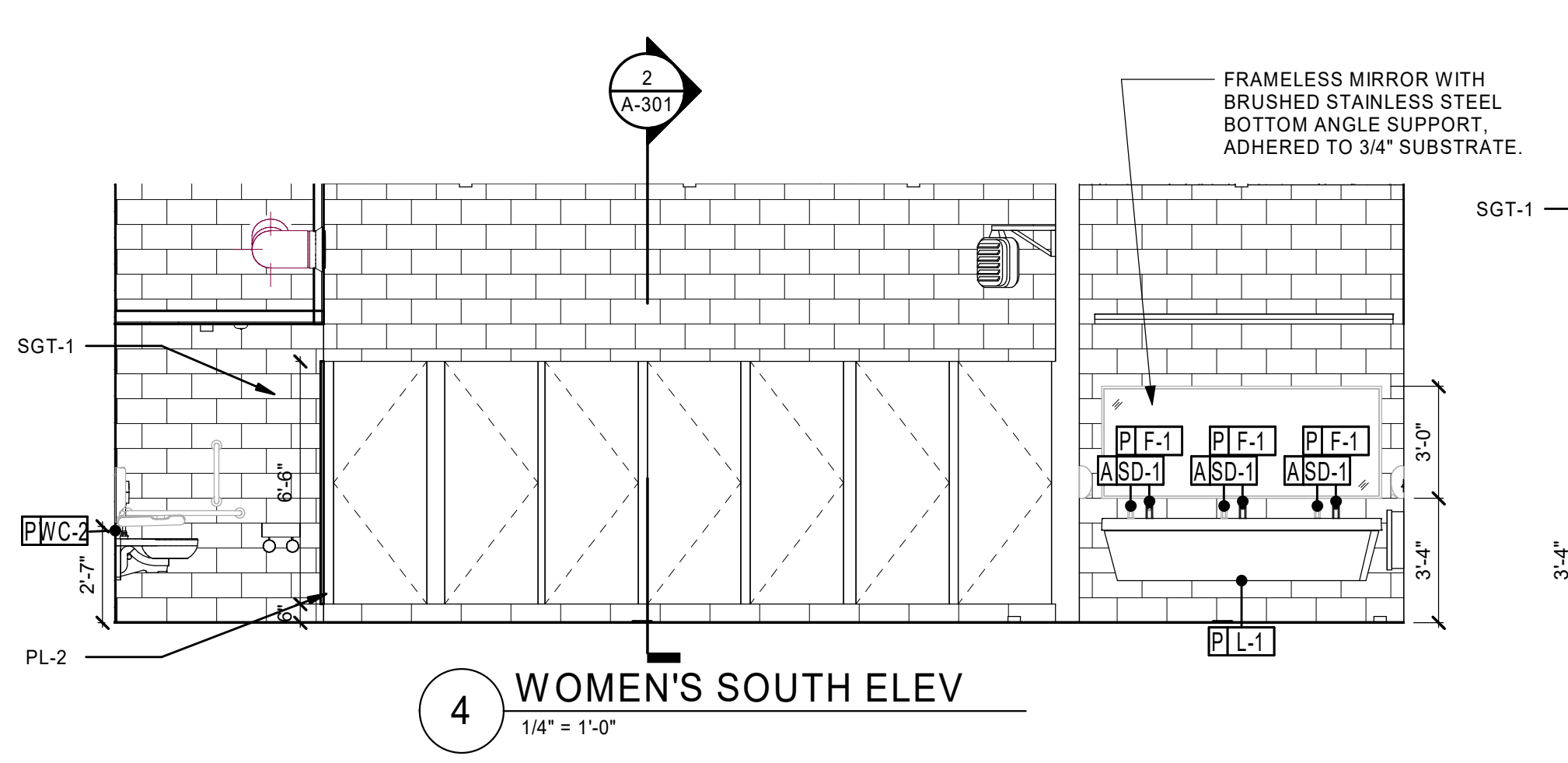
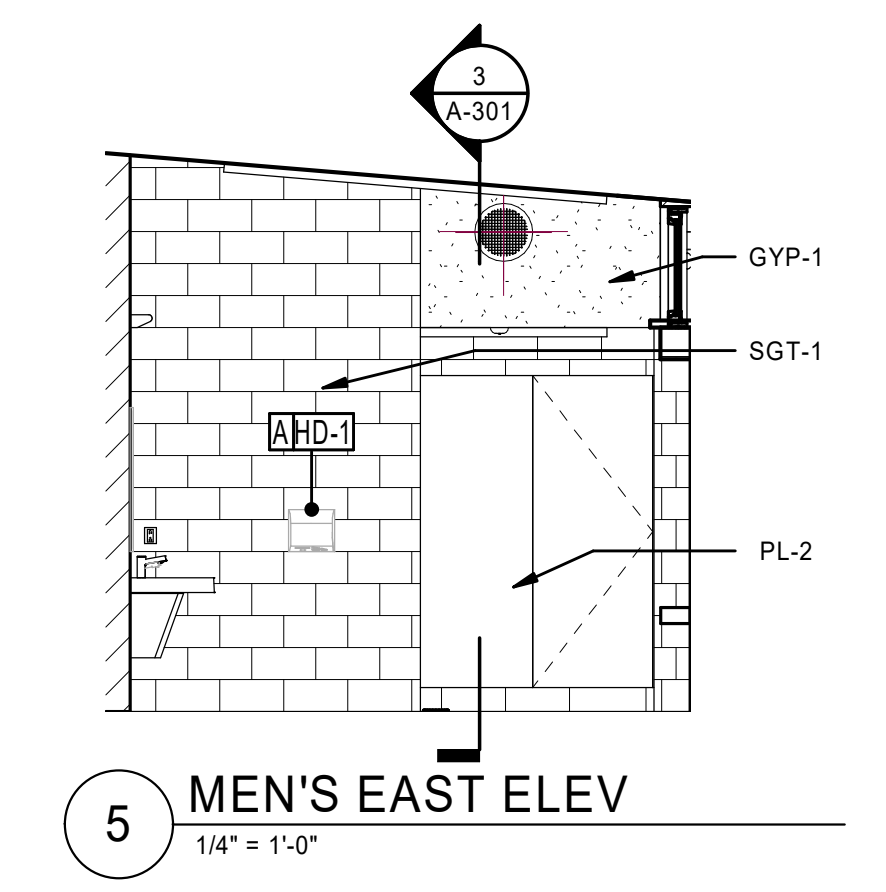
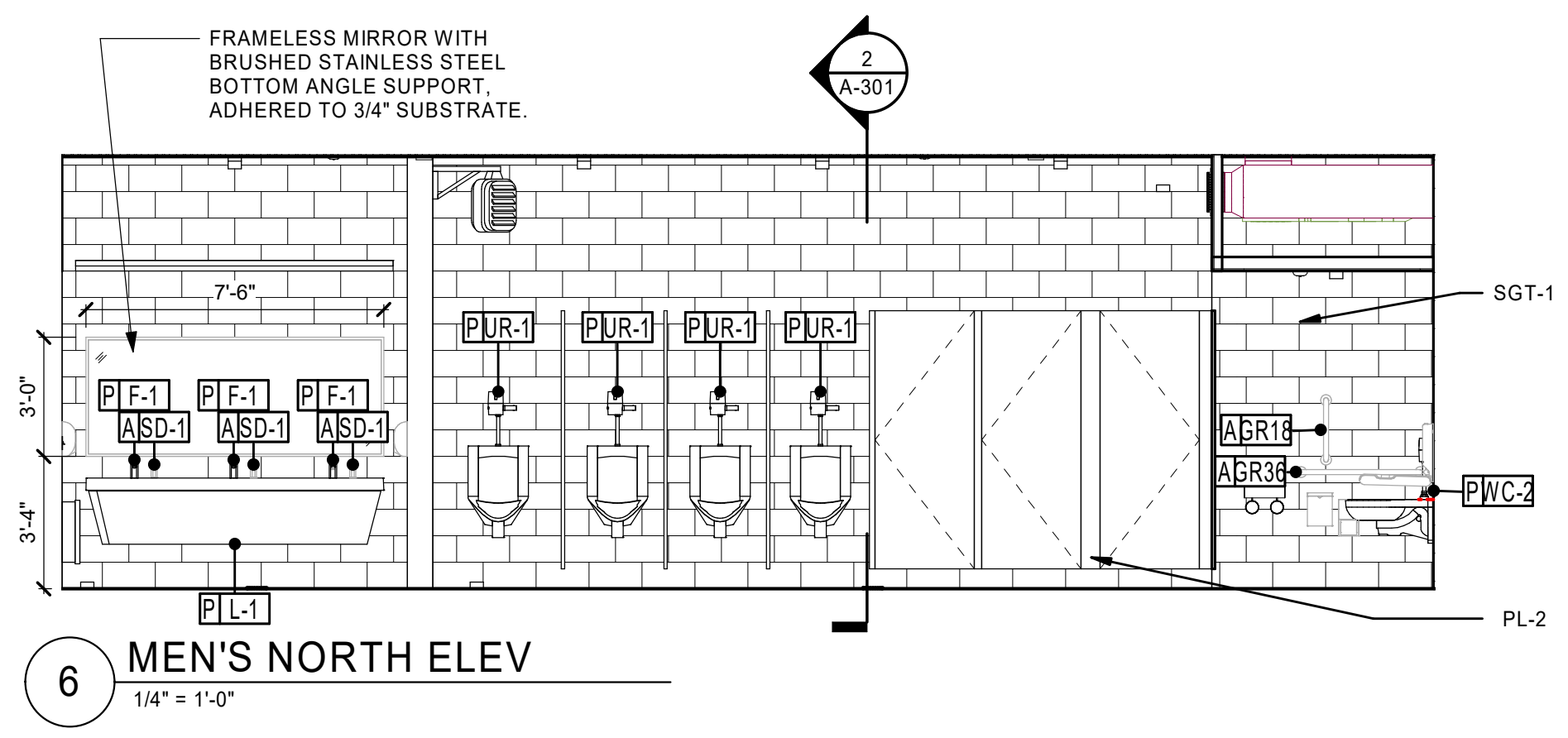
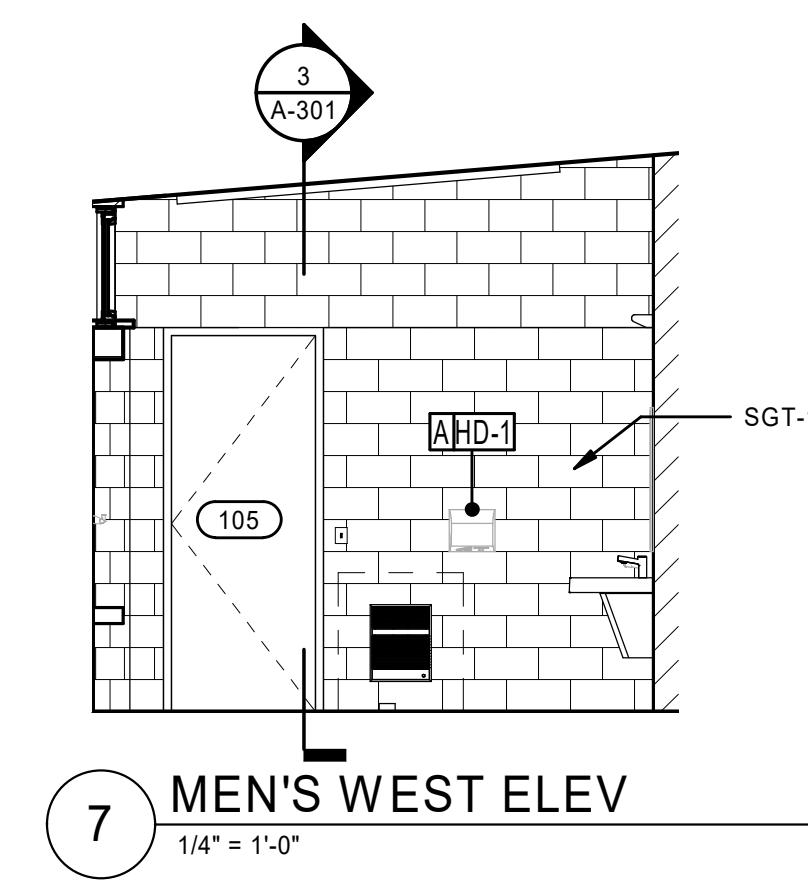
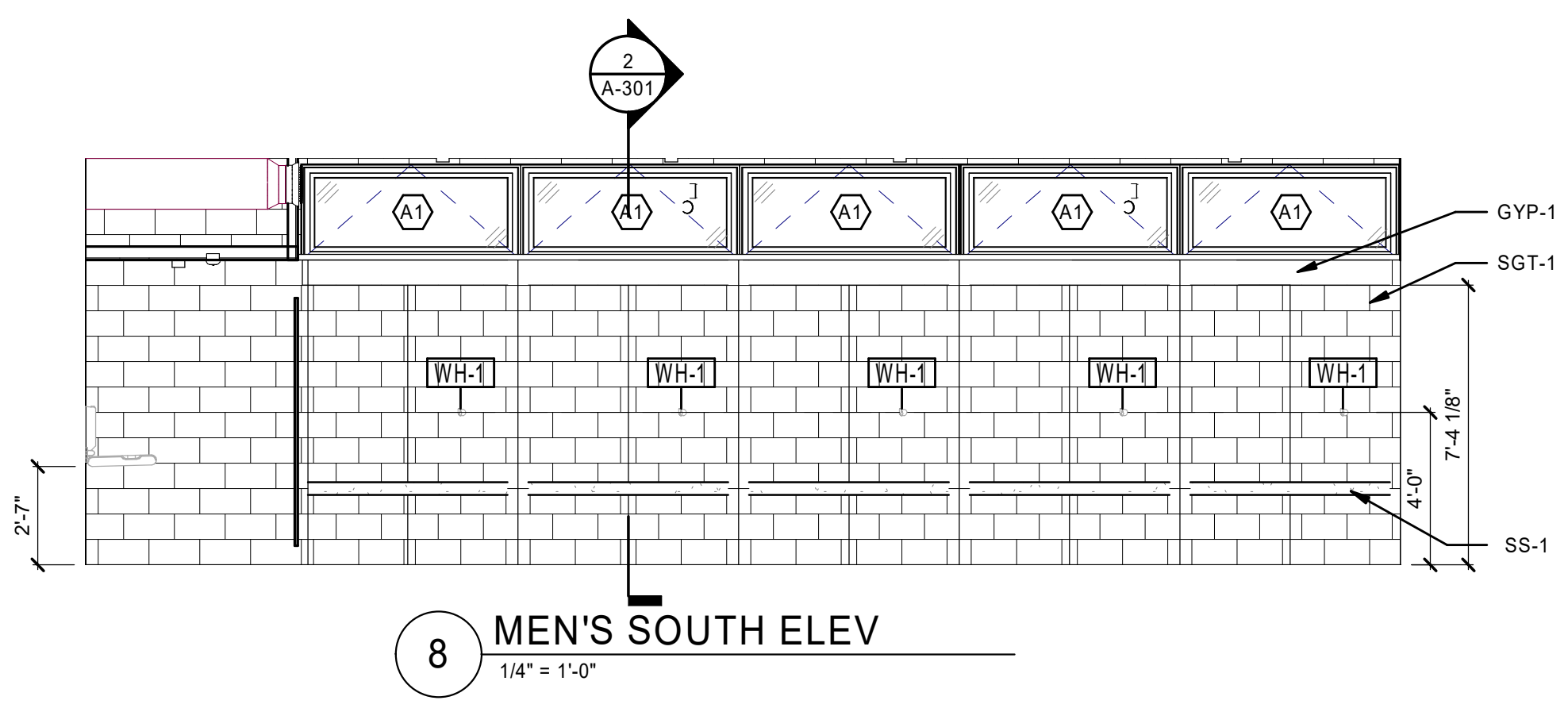
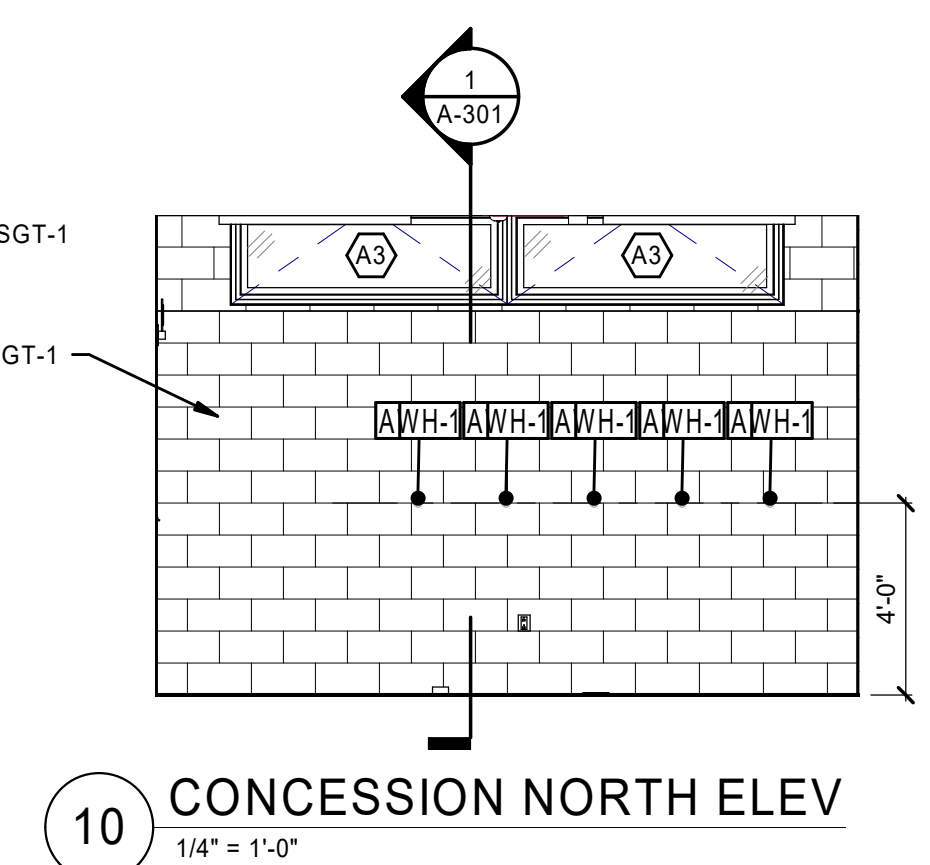
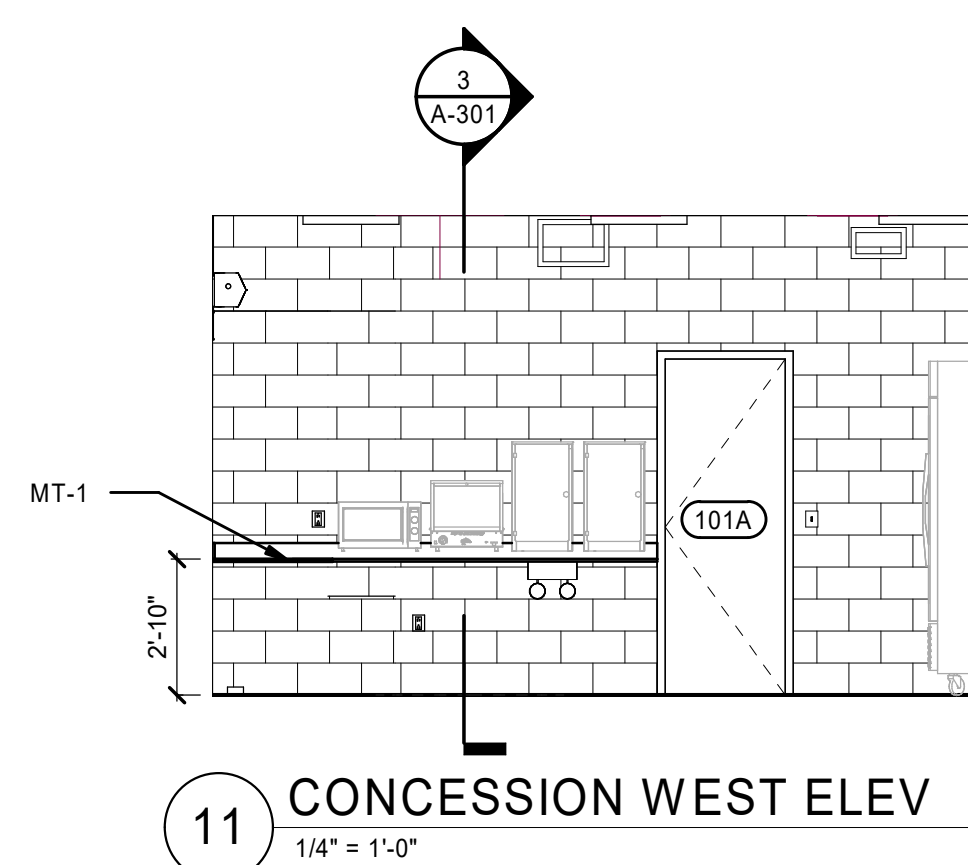
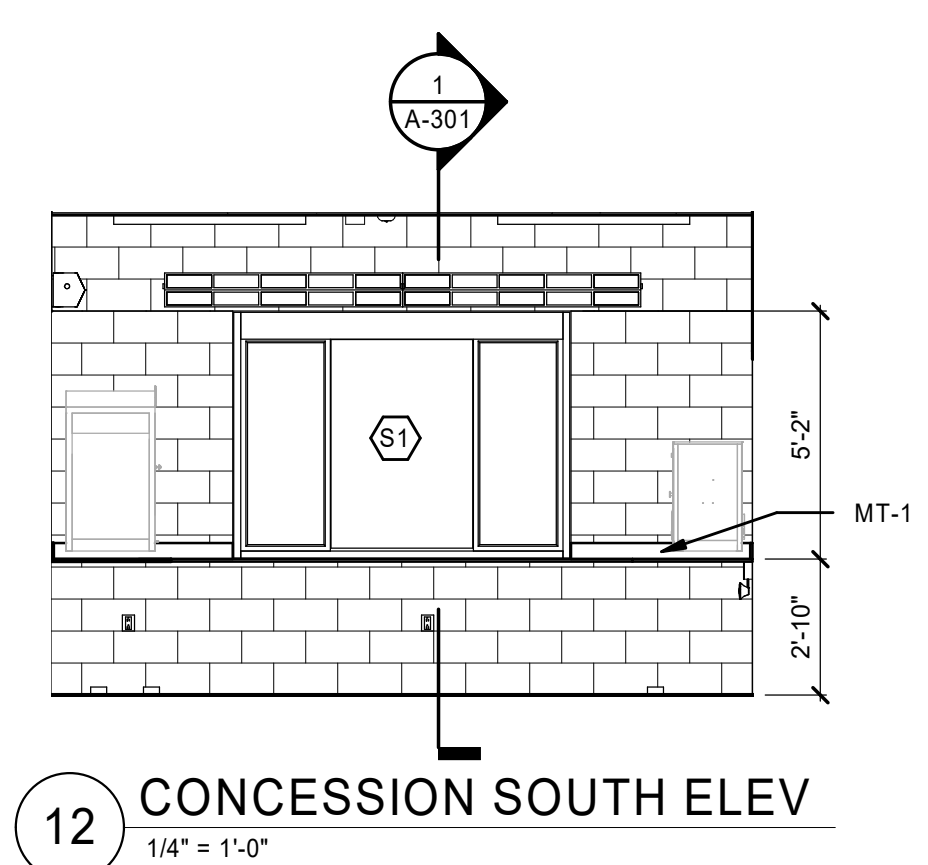
SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

INTERIOR ELEVATIONS

PROJECT NUMBER A-211

SHEET NUMBER

























DOOR SCHEDULE

ROOM NAME	DOOR				FRAME			CONSTRUCTION				HARDWARE			KEYNOTES
	MARK	DIMENSIONS			DOOR TYPE	MATERIAL	FINISH	JAMB	HEAD	SILL	FIRE RATING	HARDWARE SET	SECURITY	KNURLED	
		WIDTH	HEIGHT	THICKNESS											
<b>CONCESSIONS</b>															
CONCESSIONS	100	3'-0"	8'-0"	1 3/4"										Yes	
BOH	101A			1 3/4"											
MECH/ELEC	101B			1 3/4"											
WOMEN'S RESTROOM	104	3'-0"	8'-0"	1 3/4"											
MEN'S RESTROOM	105	3'-0"	8'-0"	1 3/4"				3/A531	11/A531	7/A531					
FAMILY	108	3'-0"	8'-0"	1 3/4"							REFER TO SPECS	1.0	Yes		
<b>MAINTENANCE</b>															
CORRIDOR	M100			1 3/4"										Yes	
CORRIDOR	M101	3'-0"	7'-0"	1 3/4"				7/A532	9/A532	8/A532				Yes	
CORRIDOR	M102	3'-0"	7'-0"	1 3/4"				-	-	-					
CORRIDOR	M103	3'-0"	7'-0"	1 3/4"				-	-	-				Yes	
CORRIDOR	M104	3'-0"	7'-0"	1 3/4"				-	-	-					
OFFICE 1	M105	3'-0"	7'-0"	1 3/4"				-	-	-					
CORRIDOR	M105A	3'-0"	7'-0"	1 3/4"				-	-	-				Yes	
EQUIPMENT STORAGE AREA	M106B			1 3/4"				7/A532	9/A532	8/A532				Yes	
EQUIPMENT STORAGE AREA	M106C	18'-0"	8'-0"	1 1/2"				10/A532	11/A532	-					

DOOR AND FRAME GENERAL NOTES

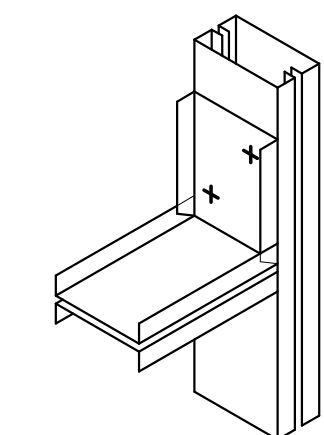
1.01	REFER TO SHEET [A001] FOR DRAWING SYMBOLS LEGEND AND [A002] FOR PROJECT GENERAL NOTES.	2.08	FOR GLASS DOORS BETWEEN 10'-0" TO 12'-0" HIGH USE 5/8" THICK TEMPERED GLASS.	2.19	CORE ALL DOORS AS REQUIRED TO RECEIVE ELECTRIC HARDWARE.
1.02	REFER TO SHEET [A003] FOR TYPICAL MOUNTING HEIGHTS.	2.09	GENERAL CONTRACTOR TO VERIFY DOOR SWING.	2.20	PAIR OF DOORS TO RECEIVED SPECIFIED HARDWARE ON EACH LEAF U.O.N.
1.03	REFER TO SHEET [A701] FOR PARTITION TYPE DETAILS.	2.10	DOORS FROM 7'-6" TO 10'-0" TO RECEIVE 2 PAIRS OF HINGES U.O.N	2.21	ALL DOORS WITH CLOSERS TO RECEIVE BALL BEARING HINGES.
1.04	REFER TO SHEET [A651] FOR DOOR ASSEMBLY INFORMATION AND	2.11	CONTRACTOR TO SUBMIT CUTS OF ALL HARDWARE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.	2.22	ALL FIRE RATED DOORS TO RECEIVE BALL BEARING HINGES.
	<b>DOOR AND HARDWARE</b>	2.12	PROVIDE RUBBER SILENCER PADS ON ALL DOOR BUCKS.	2.23	ALL DOORS WITH ELECTRIC LOCKS TO RECEIVE AN ELECTRIC HINGE.
2.01	ALL LOCKS TO BE KEYPED AND MASTERED TO BUILDING KEY SYSTEM. TWO INDIVIDUAL KEYS TO BE SUPPLIED TO OWNER.	2.13	ALL HARDWARE TO BE INSTALLED ACCORDING TO THE STANDARDS OF MANUFACTURERS.	2.24	ALL PAIR OF DOORS WITH ELECTRIC STRIKES TO RECEIVE AN ELECTRIC HINGE ON INACTIVE DOOR.
2.02	ALL KEYING TO BE COMPATIBLE WITH BUILDING STANDARD CYLINDER KEYING SYSTEM AND COORDINATED WITH BUILDING BLDG STANDARD CYLINDER IS (B PIN.)	2.14	ALL LOCKSET/LATCHSET LEVERS, KNOBS, OR PULLS TO BE 3'-2" A.F.F. TO CENTERLINE. U.O.N.] [MATCH EXISTING]	2.25	GENERAL CONTRACTOR TO SUPPLY ALL LOCKS AND PREPARE DOORS TO RECEIVE SECURITY DEVICES.
2.03	ALL EXISTING TO REMAIN HOLLOW METAL CORE DOORS AND FRAMES TO BE PAINTED SEMI-GLOSS TO MATCH ADJACENT WALL FINISH U.N.O.	2.15	ALL FIRE RATED DOORS SHALL BE LABELED ACCORDINGLY AS REQUIRED BY CODE.	2.26	SECURITY VENDOR TO TERMINATE THE WIRING TO THE ELECTRONIC HARDWARE.
2.04	ALL HOLLOW METAL FRAMES TO BE WELDED. PROVIDE CAULK SEALANT AT ALL DOOR AND FRAME/WALL CONDITIONS.	2.16	ALL DOUBLE DOORS TO HAVE RH ACTIVE, UNLESS OTHERWISE NOTED.	2.27	WIRING TO BE SPECIFIED BY SECURITY VENDOR AND WILL BE RUN AND SUPPLIED BY CONSTRUCTION MANAGER.
2.05	ALL DOOR AND FRAMES TO BE NEW, U.O.N	2.17	THE GENERAL CONTRACTOR SHALL INSTALL DOORS COMPLETE WITH ALL HARDWARE FITTINGS AND ACCESSORIES AS REQUIRED FOR SPECIFIC INSTALLATION. FURNISH ANY SPECIAL ITEMS REQUIRED FOR CODE COMPLIANCE AT SPECIAL DOOR LOCATIONS.	2.28	SECURITY VENDOR TO COORDINATE ALL SECURITY DEVICES WITH BUILDING SYSTEM.
2.06	ALL NEW ELECTRONIC HARDWARE TO BE TIED INTO BASE BLDG FIRE COMMAND STATION.	2.18	THE GENERAL CONTRACTOR SHALL EXAMINE THE DRAWINGS, SCHEDULE AND SPECIFICATIONS AND FURNISH PROPER HARDWARE FOR ALL OPENINGS WHETHER LISTED OR NOT. COMPLETE SHOP DRAWINGS TO BE PROVIDED TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASE.	2.29	REFER TO SECURITY DRAWINGS FOR ELECTRONIC HARDWARE AND SECURITY COMPONENTS
2.07	GC TO VERIFY FUNCTION OF ANY EXISTING PANIC HARDWARE TO BE IN OPERATIONAL CONDITION.				

WINDOW SCHEDULE

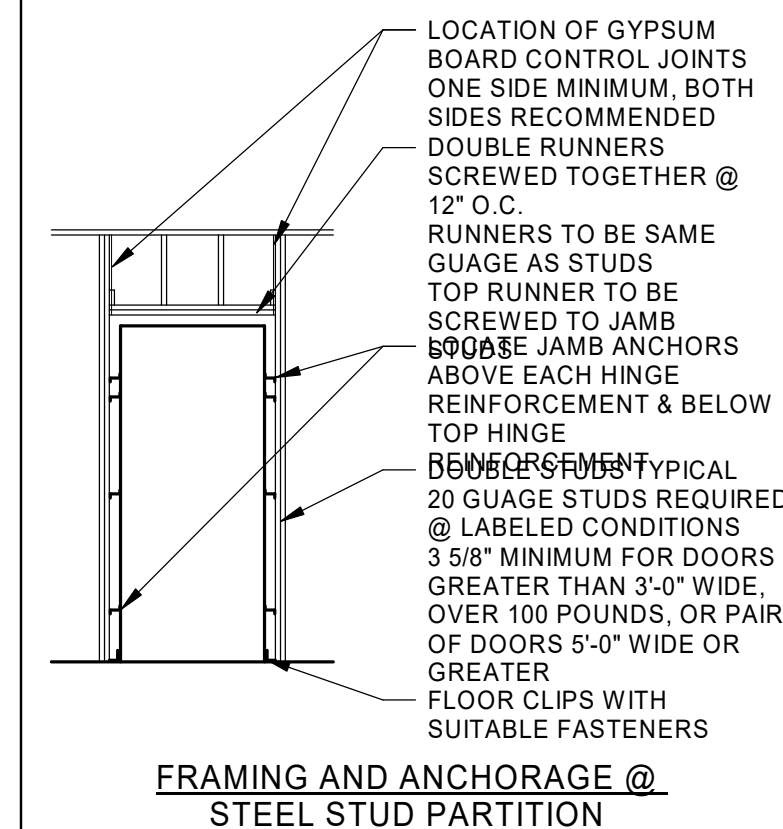
TAG	COUNT	OPERATION	SILL HEIGHT	HEIGHT	WIDTH	HEAD HEIGHT	SILL DETAIL	HEAD DETAIL	JAMB DETAIL	MANUFACTURER	MODEL	GLASS TYPE	FINISH	REMARKS
<b>CONCESSIONS</b>														
A1	5	AWNING	8'-0"	2'-6"	5'-9"	10'-6"	7/A531	8/A531	6/A531	CASCADIA		VG-3		
A2	5	AWNING	8'-1 3/4"	3'-8 1/4"	5'-9"	11'-10"	7/A531	8/A531	6/A531	CASCADIA		VG-3		
A3	2	AWNING	8'-1 3/4"	2'-0"	5'-9"	10'-1 3/4"	7/A531	8/A531	6/A531	CASCADIA		VG-3		
S1	1	SLIDING	2'-10"	5'-1 1/2"	7'-0"	7'-11 1/2"	2/A531	5/A531	1/A531	READY ACCESS	650			CUSTOM SIZE
S2	1	SLIDING	2'-10"	5'-1 1/2"	3'-11 1/2"	7'-11 1/2"	2/A531	3/A531	1/A531	READY ACCESS	275LPSC			CUSTOM SIZE
<b>MAINTENANCE</b>														
M4	8	AWNING	10'-0 1/4"	3'-6"	5'-0"	13'-8 1/4"	5/A532	6/A532	4/A532	CASCADIA		VG-3		
C1	4	CASEMENT	3'-0"	4'-0"	2'-6"	7'-0"	2/A532	3/A532	1/A532	CASCADIA		VG-3		
C2	2	CASEMENT	3'-0"	4'-0"	3'-0"	7'-0"	2/A532	3/A532	1/A532	CASCADIA		VG-3		
C3	6	CASEMENT	3'-0"	4'-0"	<varies>	7'-0"	2/A532	3/A532	1/A532	CASCADIA		VG-3		
F1	1	FIXED	3'-0"	4'-0"	6'-0"	7'-0"	-	-	-					FIXED LITE BETWEEN OFFICE AND GARAGE

HARDWARE SETS

FRAME ASSEMBLY



HEADER ISOMETRIC



FRAMING AND ANCHORAGE @ STEEL STUD PARTITION

FRAME TYPES

DOOR TYPES

KEYNOTES

ELGIN SPORTS COMPLEX EXPANSION  
475 SPORTS WAY  
ELGIN, ILLINOIS 60123

VOLUME 2 OF 2

OWNER:



SMITHGROUP

35 EAST WACKER SUITE 900 CHICAGO, IL 60601 312.641.0770 www.smithgroup.com

HPZS

ARCHITECT OF RECORD: HPZS 314 W INSTITUTE PLACE, SUITE 1E CHICAGO, IL 60610 312.944.9600 www.hpzs.com

TYLin | Silman Structural Solutions

STRUCTURAL ENGINEER: TYLIN | SILMAN STRUCTURAL SOLUTIONS 200 S WACKER DR, SUITE 1400 CHICAGO, IL 60605 312.682.6300

Allen + Shariff MEP Engineering | Project Management

MEP ENGINEER: ALLEN + SHARIFF 625 W ADAMS ST., 19TH FLOOR CHICAGO, IL 60661 312.620.3668

ISSUED FOR	REV	DATE
	1	04/11/2024

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

SHEET TITLE: OPENINGS SCHEDULES & TYPES

PROJECT NUMBER: 2313-01

SHEET NUMBER: A-611

SHEET NUMBER





















OWNER:



**SMITHGROUP**

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 MEP Engineering | Project Management

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 CHICAGO, IL 60661  
 312.620.3668

ISSUED FOR	REV	DATE
ISSUE FOR BID	1	04/11/2024

SEALS AND SIGNATURES

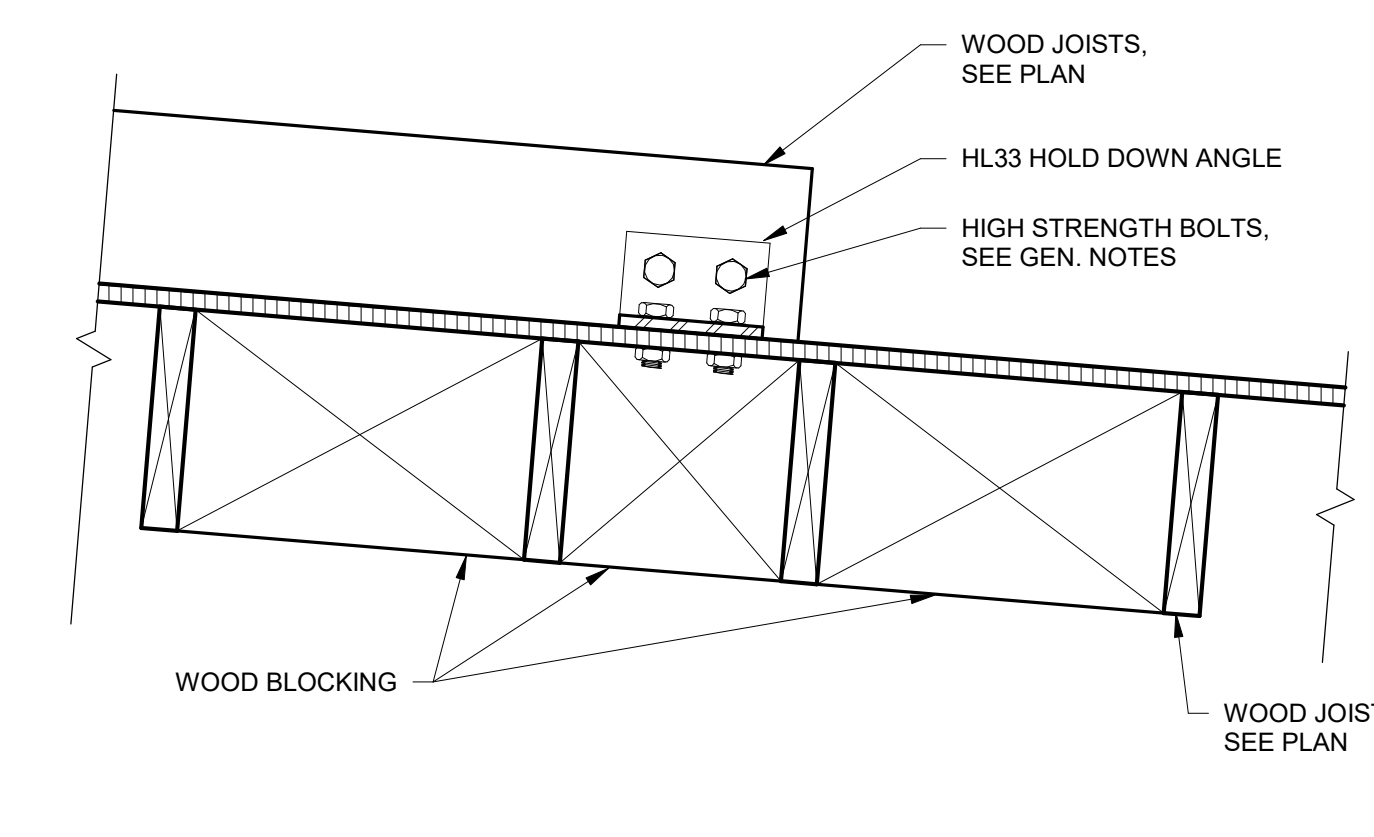
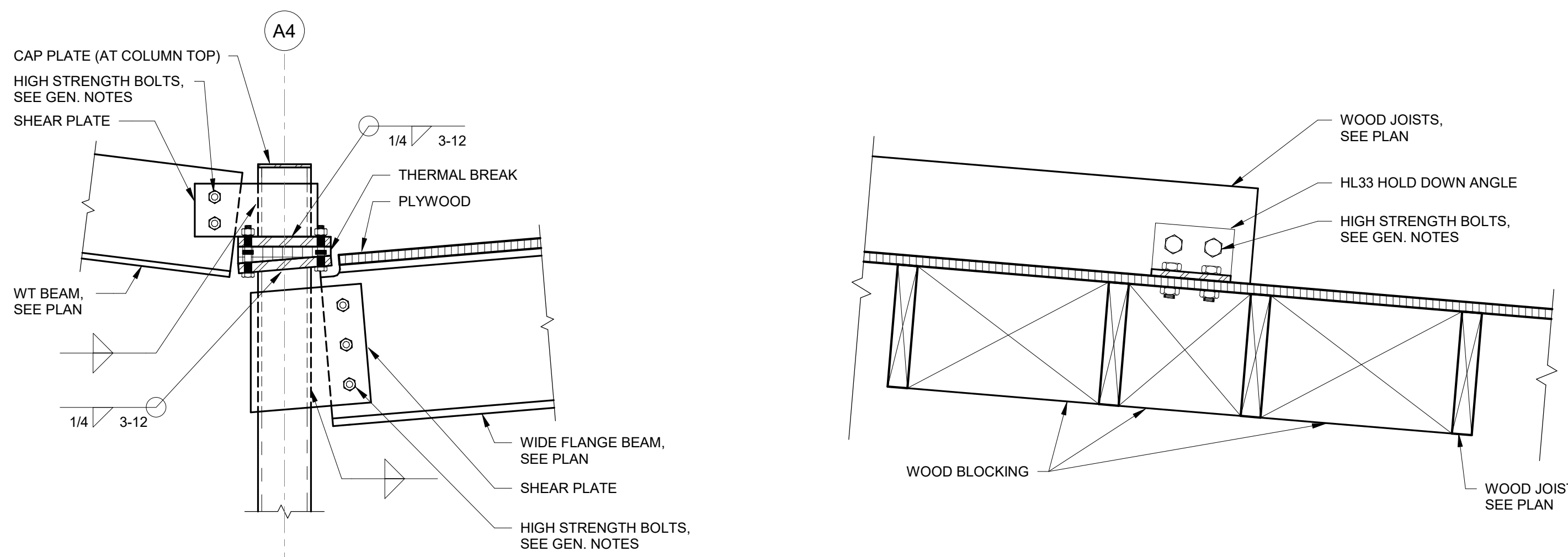
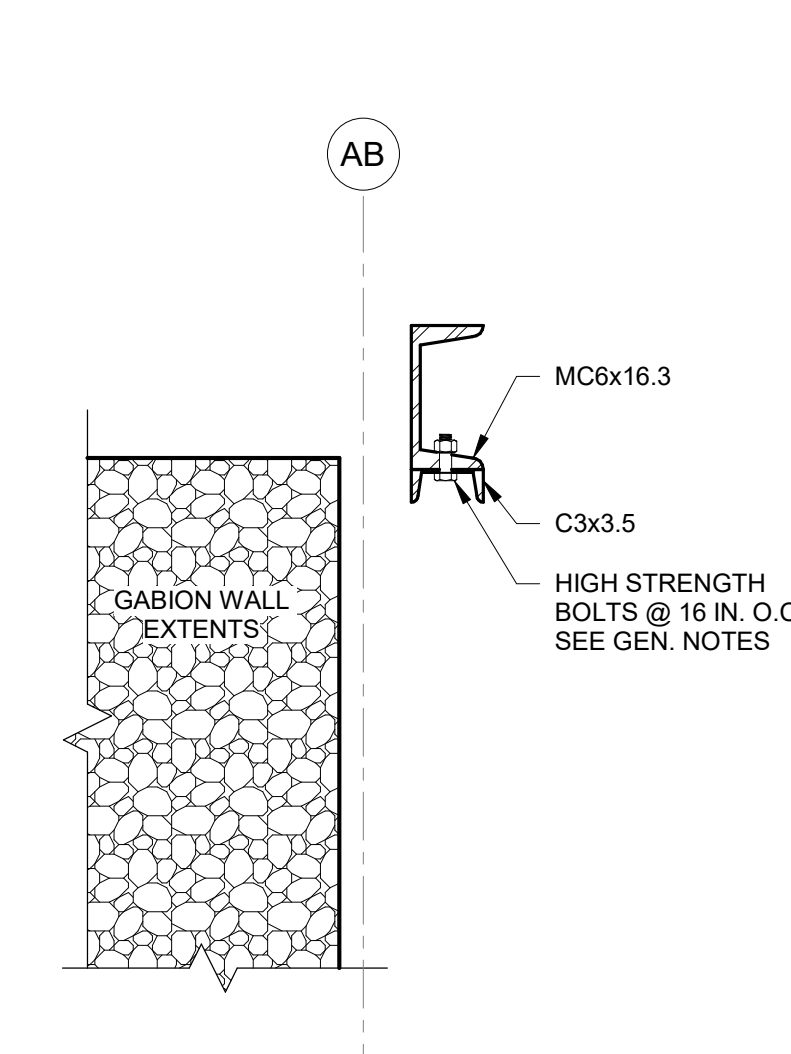
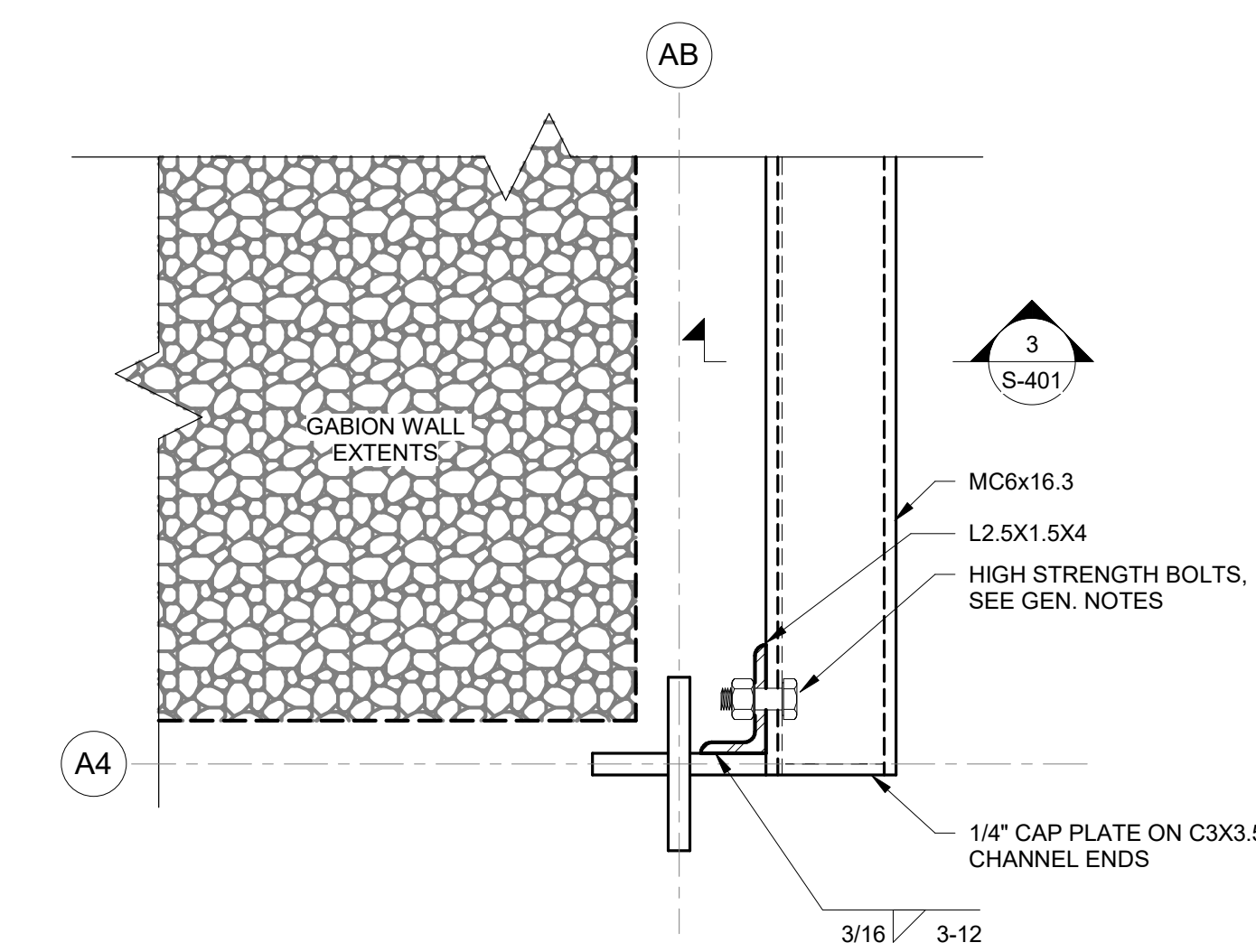
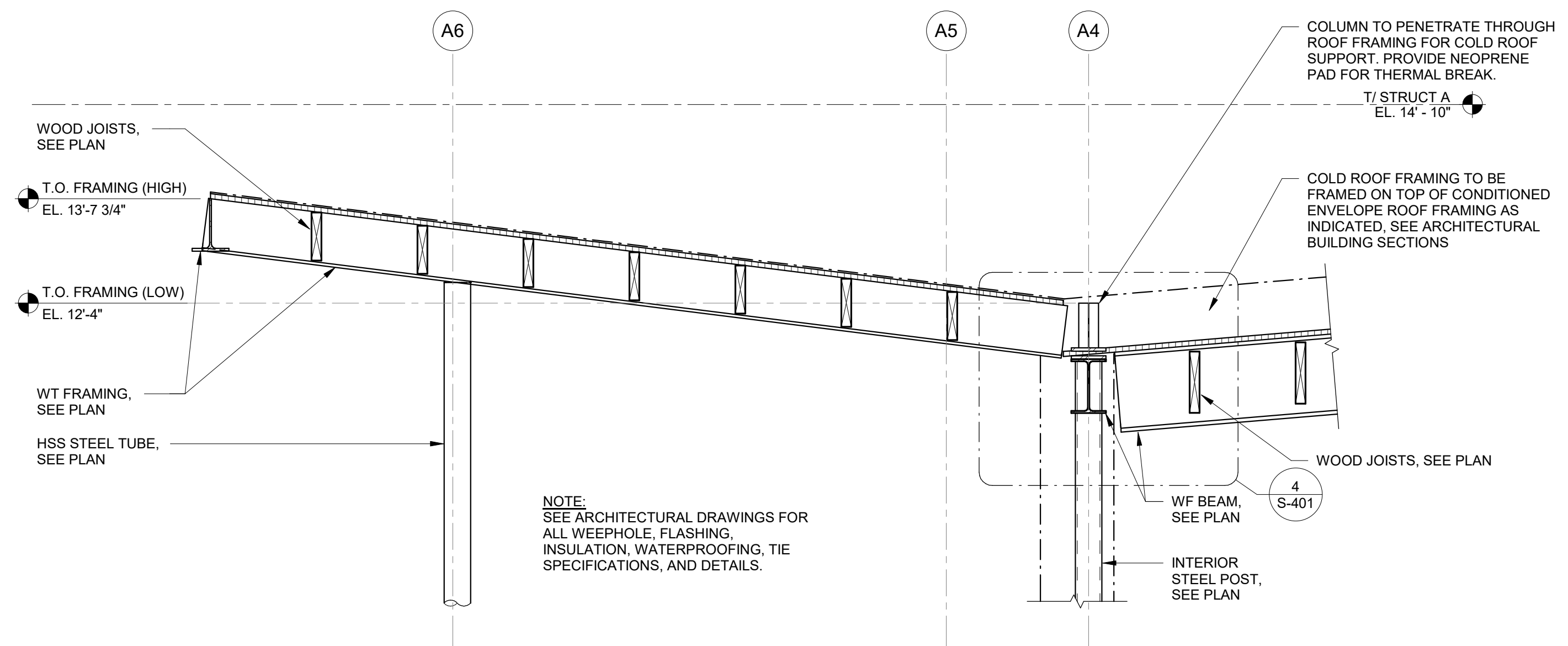
**NOT FOR  
 CONSTRUCTION**

SHEET TITLE  
**SUPERSTRUCTURE  
 SECTIONS**

PROJECT NUMBER

**S-401**

SHEET NUMBER

























**LIGHT FIXTURE SCHEDULE**

TYPE	FIXTURE DESCRIPTION	MANUFACTURER	MODEL	LAMPS(S)		DRIVER/ BALLAST	INPUT WATTS	VOLTAGE	MOUNTING	NOTES
				LAMP #	LAMP TYPE					
EMB1	THERMOPLASTIC EMERGENCY BATTERY LIGHTING UNIT WITH (2) LED LIGHTING HEADS.	LITHONIA	ELMEL UVOLT LTP SORT	Lamp			0 W	120 V	SURFACE	
EX1	UNIVERSAL MOUNTED WHITE THERMOPLASTIC LED EXIT SIGN WITH NICKEL CADMIUM BATTERY	LITHONIA	LOW S W 3 X INVOLT EL N SD	LED	--	NA	4 W	120 V		
LP1	4'-0" SURFACE LED FIXTURE	STARTEK	HYDROD 4 1000 SD 35K 80 PXX SM(E) U 1C	LED			36 W	120 V	SURFACE	REFER TO PLANS FOR SINGLE OR DOUBLE FACE AND CHEVRON REQUIREMENTS.
SM1	SURFACE MOUNTED LED FLAT PANEL	ILP INC	V PAN24 44L SM	LED			39 W	120 V	SURFACE	PROVIDE 0-10VOLT LUMINARY CABLING TO CONTROL AND DIM LIGHTING FIXTURE.
SM2	4'-0" SURFACE LED FIXTURE	STARTEK	HYDROD 4 750 SD 35K 80 PXX SM(E) U 1C	LED			36 W	120 V	SURFACE	PROVIDE 0-10VOLT LUMINARY CABLING TO CONTROL AND DIM LIGHTING FIXTURE.
SM3	8'-0" SURFACE LED FIXTURE	STARTEK	HYDROD 8 1000 SD 35K 80 PXX SM(E) U 1C	LED			67 W	120 V	SURFACE	
SM4	8'-0" SURFACE LED FIXTURE	NULITE	INT 8 CFR 100 L35 U SSL HE	LED			80 W	120 V	SURFACE	
SM12	12'-0" SURFACE LED FIXTURE	STARTEK	HYDROD 12 1000 SD 35K 80 PXX SM(E) U 1C	LED			100 W	120 V	SURFACE	
SP1	4' LED STRIP FIXTURE	LITHONIA	ZL1D L48 5000LM FST MVOLT 35K 80CRI ZACV M100	LED			41 W	120 V		
WM1	4'-0" WALL MOUNTED LED FIXTURE	STARTEK	HYDROD 4 750 SD 35K 80 PXX WM U 1C	LED			36 W	120 V	SURFACE	PROVIDE 0-10VOLT LUMINARY CABLING TO CONTROL AND DIM LIGHTING FIXTURE.
WM2	8'-0" WALL MOUNTED LED FIXTURE	STARTEK	HYDROD 8 750 SD 35K 80 PXX WM U 1C	LED			67 W	120 V	SURFACE	PROVIDE 0-10VOLT LUMINARY CABLING TO CONTROL AND DIM LIGHTING FIXTURE.
YD1	6" RECESSED WET LISTED LED LIGHTING FIXTURE WITH 3000 LUMEN OUTPUT	COTHAAM	EV06 3030 AR LD MD MVOLT GZ10	LED	0		22 W	120 V	RECESSED	PROVIDE 0-10VOLT LUMINARY CABLING TO CONTROL AND DIM LIGHTING FIXTURE.
YP1	SURFACE MOUNTED CYLINDER WITH UP FLOODLIGHT OPTICS AND SPIKE DOWNLIGHT OPTICS	LUMINIS	SY602 SERIES	LED			50 W	120 V	SURFACE	PROVIDE 0-10VOLT LUMINARY CABLING TO CONTROL AND DIM LIGHTING FIXTURE.
YR1	24'-0" LENGHT OF WET LISTED LED TAPE LIGHT WITH EXTRUDED ALUMINUM CHANNEL AND LENS PROVIDE REMOTE MOUNTED TRANSFORMER INSIDE OF BUILDING WITH FULL ACCESS TO DRIVER. RUN #16AWG LOW VOLTAGE WIRING FROM DRIVER TO FIXTURE.	ECOSENSE	L09 E 120 09 30 90 CV24 ASYM	LED			53 W	120 V	IN CHANNEL	PROVIDE 0-10VOLT LUMINARY CABLING TO CONTROL AND DIM LIGHTING FIXTURE.
YW1	SURFACE MOUNTED LED WALL PAK LIGHTING FIXTURE.	LITHONIA	WDGE2 LED P4 30K 80CRI VW SRM	LED			35 W	120 V	SURFACE	

**LIGHTING CONTROL PANEL "LCPC" SCHEDULE**

RELAY	RELAY DESCRIPTION	RELAY TYPE	VOLTAGE	CIRCUIT	CONTROL NOTES
LCPC-1	BATHROOM LIGHTING	ON/OFF	120 V	CP-1-47	TIMECLOCK WITH MANUAL OVERRIDE
LCPC-2	EXTERIOR LIGHTING	ON/OFF	120 V	CP-1-49	TIMECLOCK WITH MANUAL OVERRIDE
LCPC-3	EXTERIOR GABION WALL SYSTEM	ON/OFF	120 V	CP-1-50	TIMECLOCK WITH MANUAL OVERRIDE

**LIGHTING CONTROL PANEL "LCPM" SCHEDULE**

RELAY	RELAY DESCRIPTION	RELAY TYPE	VOLTAGE	CIRCUIT	CONTROL NOTES
LCPM-1	INTERIOR LIGHTING	ON/OFF	120 V	MP-1-23	TIMECLOCK WITH MANUAL OVERRIDE
LCPM-2	EXTERIOR LIGHTING	ON/OFF	120 V	MP-1-27	TIMECLOCK WITH MANUAL OVERRIDE
LCPM-3	CORRIDOR LIGHTING	ON/OFF	120 V	MP-1-25	TIMECLOCK WITH MANUAL OVERRIDE

**Branch Panel: CP-1**

Location: MECH/ELEC 102  
Supply From: \_\_\_\_\_  
Mounting: Surface  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4  
  
A.I.C. Rating: 65KAIC  
Mains Type: MCB  
Mains Rating: 400 A  
MCB Rating: 300 A

CKT	Circuit Description	Notes	Wire Size	Trip	Pole	A (VA)	B (VA)	C (VA)	Pole	Trip	Wire Size	Notes	Circuit Description	CKT	
1	BATHROOM RECEPTACLE		2#12, 1#12G - 3/4"C	20 A	1	180	1200		1	20 A	2#12, 1#12G - 3/4"C		FREEZER	2	
3	FREEZER		2#12, 1#12G - 3/4"C	20 A	1		1200 1000		1	20 A	2#12, 1#12G - 3/4"C		FREEZER	4	
5	COOLER		2#12, 1#12G - 3/4"C	20 A	1			1400 1500	1	20 A	2#12, 1#12G - 3/4"C		DEDICATED RECEPTACLE	6	
7	DEDICATED RECEPTACLE		2#12, 1#12G - 3/4"C	20 A	1	1500	1500		1	20 A	2#12, 1#12G - 3/4"C		DEDICATED RECEPTACLE	8	
9	MICROWAVE		2#12, 1#12G - 3/4"C	20 A	1		1500 1200		1	20 A	2#12, 1#12G - 3/4"C		DEDICATED RECEPTACLE	10	
11	DEDICATED RECEPTACLE		2#12, 1#12G - 3/4"C	20 A	1			1200 360	1	20 A	2#12, 1#12G - 3/4"C		GENERAL RECEPTACLES	12	
13	DEDICATED RECEPTACLE		2#12, 1#12G - 3/4"C	20 A	1	1200	1485							14	
15	EXTERIOR RECEPTACLE		2#12, 1#12G - 3/4"C	20 A	1		180 1485		2	20 A	3#12, 1#12G - 3/4"C		POPCORN MAKER	16	
17	EXTERIOR RECEPTACLE		2#12, 1#12G - 3/4"C	20 A	1			180 1000	2	20 A	3#12, 1#12G - 3/4"C		EAH-2	18	
19						1500	1000							20	
21	EUH-2		3#12, 1#12G - 3/4"C	20 A	2		1500 1000		2	20 A	3#12, 1#12G - 3/4"C		EAH-3	22	
23								1500 1000						24	
25	EUH-1		3#12, 1#12G - 3/4"C	20 A	2	1500	1000		2	20 A	3#12, 1#12G - 3/4"C		EAH-1	26	
27	AC-1		2#12, 1#12G - 3/4"C	20 A	1		450 1000							28	
29	AC-3		2#12, 1#12G - 3/4"C	20 A	1			450 3450						30	
31	AHU-1		3#4, 1#10G - 1"C	60 A	2	4250	3450		2	45 A	3#6, 1#10G - 3/4"C		HRV-1	32	
33							4250 3000							34	
35	HP-1		3#8, 1#10G - 3/4"C	35 A	2			2700 3000	3	35 A	3#8, 1#10G - 3/4"C		EAH-1	36	
37						2700	3000							38	
39	DEDICATED QUAD RECEPT		2#12, 1#12G - 3/4"C	20 A	1		360 450		1	20 A	2#12, 1#12G - 3/4"C		AC-2	40	
41	DEDICATED QUAD RECEPT		2#12, 1#12G - 3/4"C	20 A	1			360 180	1	20 A	2#12, 1#12G - 3/4"C		RESTROOM RECEPT	42	
43	EXTERIOR RECEPTACLE		2#12, 1#12G - 3/4"C	20 A	1	360	180		1	20 A	2#12, 1#12G - 3/4"C		RESTROOM RECEPT	44	
45	EXTERIOR ROOF...		2#12, 1#12G - 3/4"C	20 A	1		180 461		1	20 A	2#12, 1#12G - 3/4"C		LIGHTING	46	
47	LIGHTING		2#12, 1#12G - 3/4"C	20 A	1			742 540	1	20 A	2#12, 1#12G - 3/4"C		GENERAL RECEPTACLES	48	
49	misc		2#12, 1#12G - 3/4"C	20 A	1	630	106		1	20 A	2#10, 1#10G - 3/4"C		LIGHTING	50	
51	MISC		2#12, 1#12G - 3/4"C	20 A	1		500 0		1	20 A	--		Spare	52	
53	sink lavs		2#12, 1#12G - 3/4"C	20 A	1			1080 0	1	20 A	--		Spare	54	
55	Spare		--	20 A	1	0	0		1	20 A	--		Spare	56	
57	Spare		--	20 A	1	0	0		1	20 A	--		Spare	58	
59	Spare		--	20 A	1	0	0	0 0 0	1	20 A	--		Spare	60	
						<b>Total Load:</b>	26741 VA	19716 VA	20642 VA						
						<b>Total Connected Amps:</b>	186 A								

Notes:

**Branch Panel: MP-1**

Location: MECHANICAL ROOM M102  
Supply From: \_\_\_\_\_  
Mounting: Surface  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4  
  
A.I.C. Rating: 65KAIC  
Mains Type: MLO  
Mains Rating: 225 A

CKT	Circuit Description	Notes	Wire Size	Trip	Pole	A (VA)	B (VA)	C (VA)	Pole	Trip	Wire Size	Notes	Circuit Description	CKT	
1	OFFICE RECEPTACLES		2#12, 1#12G - 3/4"C	20 A	1	540	1750		2	25 A	3#10, 1#10G - 3/4"C		HP-2	2	
3	AHU-2		3#6, 1#10G - 3/4"C	50 A	2		3900 1750							4	
5								3900 2500	2	35 A	3#8, 1#10G - 3/4"C		EUH-3	6	
7	EUH-4		3#8, 1#10G - 3/4"C	35 A	2	2500	2500							8	
9							2500 3750							10	
11	EUH-6		3#6, 1#10G - 3/4"C	50 A	2		3750 0	3750 3750	2	50 A	3#6, 1#10G - 3/4"C		EUH-5	12	
13									1	20 A	2#12, 1#12G - 3/4"C		EF-5	14	
15	EF-4		2#12, 1#12G - 3/4"C	20 A	1		0 360		1	20 A	2#12, 1#12G - 3/4"C		GENERAL RECEPTACLES	16	
17	GENERAL RECEPTACLES		2#12, 1#12G - 3/4"C	20 A	1			360 360	1	20 A	2#12, 1#12G - 3/4"C		EXTERIOR RECEPTACLES	18	
19	DEDICATED RECEPT.		2#12, 1#12G - 3/4"C	20 A	1	180	360		1	20 A	2#12, 1#12G - 3/4"C		EXTERIOR RECEPTACLES	20	
21	REC		2#12, 1#12G - 3/4"C	20 A	1		180 180		1	20 A	2#12, 1#12G - 3/4"C		EXTERIOR RECEPTACLE	22	
23	LTG		2#12, 1#12G - 3/4"C	20 A	1			960 360	1	20 A	2#12, 1#12G - 3/4"C		DEDICATED QUAD RECEPT.	24	
25	LTG		2#12, 1#12G - 3/4"C	20 A	1	456	360		1	20 A	2#12, 1#12G - 3/4"C		DEDICATED QUAD RECEPT.	26	
27	Other		2#12, 1#12G - 3/4"C	20 A	1		630 360		1	20 A	2#12, 1#12G - 3/4"C		DEDICATED QUAD RECEPT.	28	
29	GENERAL RECEPTACLES		2#12, 1#12G - 3/4"C	20 A	1			540 180	1	20 A	2#12, 1#12G - 3/4"C		DEDICATED RECEPTACLE	30	
31						600	3600		2	40 A	3#8, 1#10G - 1"C		EV CHARGER	32	
33	GARAGE DOOR		3#12, 1#12G - 3/4"C	20 A	3		600 3600							34	
35								600 3600	2	40 A				36	
37	EV CHARGER		3#8, 1#10G - 1"C	40 A	2	3600	3600				3#8, 1#10G - 1"C		EV CHARGER	38	
39							3600 0		1	20 A	--		Spare	40	
41								1500 0	1	20 A	--		Spare	42	
43	EAH-2		3#12, 1#12G - 3/4"C	20 A	3	1500	0		1	20 A	--		Spare	44	
45							1500 0		1	20 A	--		Spare	46	
47	Spare		--	20 A	1			0 0 0	1	20 A	--		Spare	48	
49	Spare		--	20 A	1	0	0		1	20 A	--		Spare	50	
51	Spare		--	20 A	1		0 0		1	20 A	--		Spare	52	
53	Spare		--	20 A	1			0 0 0	1	20 A	--		Spare	54	
55	Spare		--	20 A	1	0	0		1	20 A	--		Spare	56	
57	Spare		--	20 A	1		0 0		1	20 A	--		Spare	58	
59	Spare		--	20 A	1			0 0 0	1	20 A	--		Spare	60	
						<b>Total Load:</b>	25296 VA	22910 VA	22360 VA						
						<b>Total Connected Amps:</b>	196 A								

Notes:

OWNER:



**SMITHGROUP**

35 EAST WACKER  
SUITE 900  
CHICAGO, IL 60601  
312.641.0770  
www.smithgroup.com

**HPZS**

ARCHITECT OF RECORD:  
HPZS  
314 W INSTITUTE PLACE, SUITE 1E  
CHICAGO, IL 60610  
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**Tylin** Silman Structural Solutions















































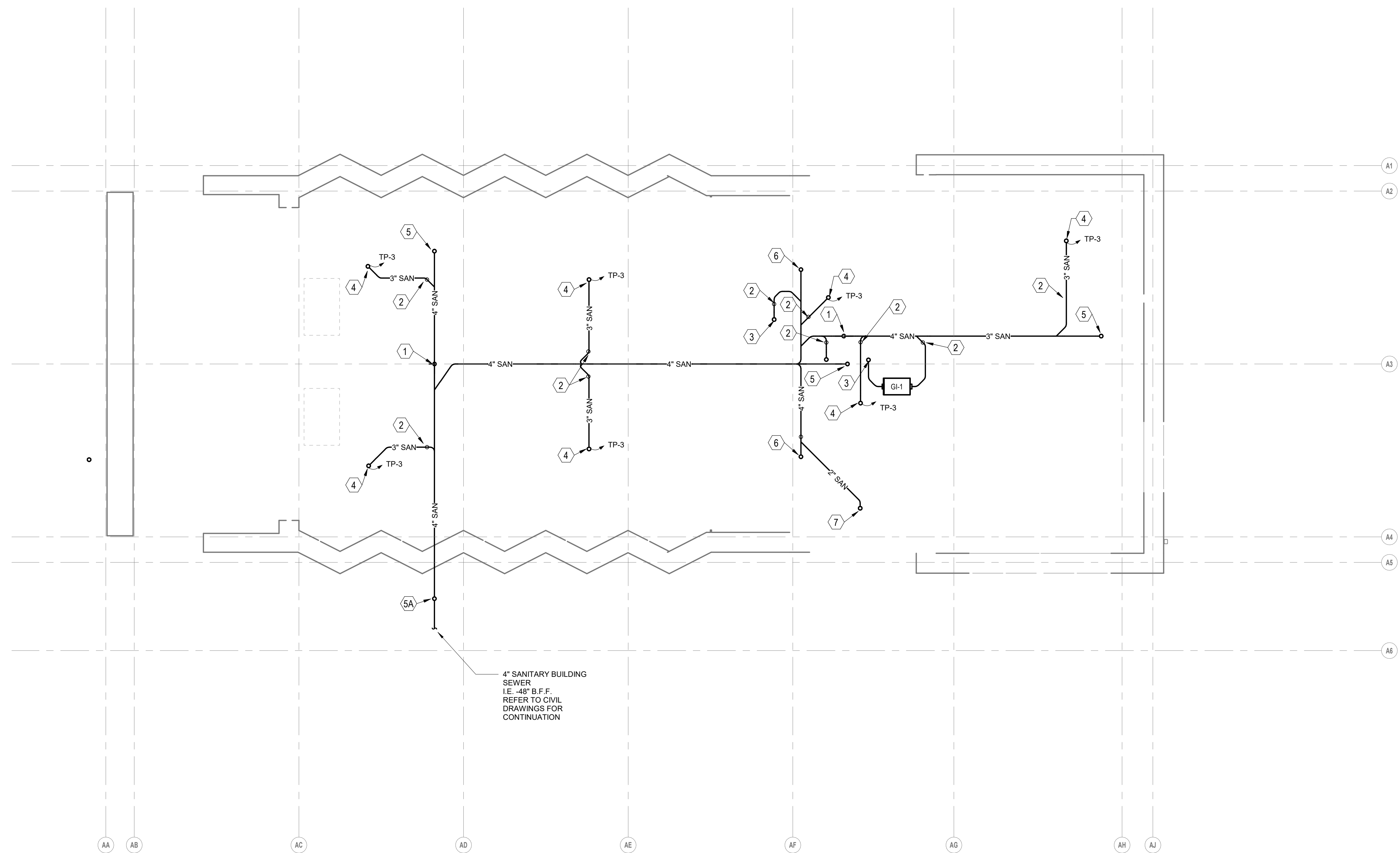






**PLUMBING KEY NOTES:** (1-7)

1. 4" SAN UP AND ROUTED IN PLUMBING CHASE TO SERVE PLUMBING FIXTURES.
2. 2" V UP
3. 3" SAN UP TO FLOOR SINK.
4. 3" SAN UP TO FLOOR DRAIN.
5. SAN UP TO FLOOR CLEAN OUT (FCO).  
A. SAN UP TO CLEAN OUT TO GRADE (COTG).
6. 4" SAN UP TO WWTHER CLOSET.
7. 2" SAN UP TO DRINKING FOUNTAIN.



**1 CONCESSIONS UNDERGROUND PLUMBING DRAINAGE PLAN**  
P201 1/4" = 1'-0"

OWNER:



**SMITHGROUP**

35 EAST WACKER  
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**TYLin Silman Structural Solutions**

STRUCTURAL ENGINEER:  
TYLIN | SILMAN STRUCTURAL SOLUTIONS  
200 S WACKER DR, SUITE 1400  
CHICAGO, IL 60606  
312.682.6300

**Allen + Shariff**  
MEP Engineering | Project Management

MEP ENGINEER:  
ALLEN + SHARIFF  
625 W ADAMS ST, 19TH FLOOR  
CHICAGO, IL 60661  
312.620.3668  
A+S Project #: 2381015

ISSUED FOR	REV	DATE
ISSUE FOR BID		04/11/2024

SEALS AND SIGNATURES

**NOT FOR CONSTRUCTION**

SHEET TITLE  
**Concessions Underground  
Plumbing Plan**

PROJECT NUMBER 2313-01

**P201**

SHEET NUMBER

























