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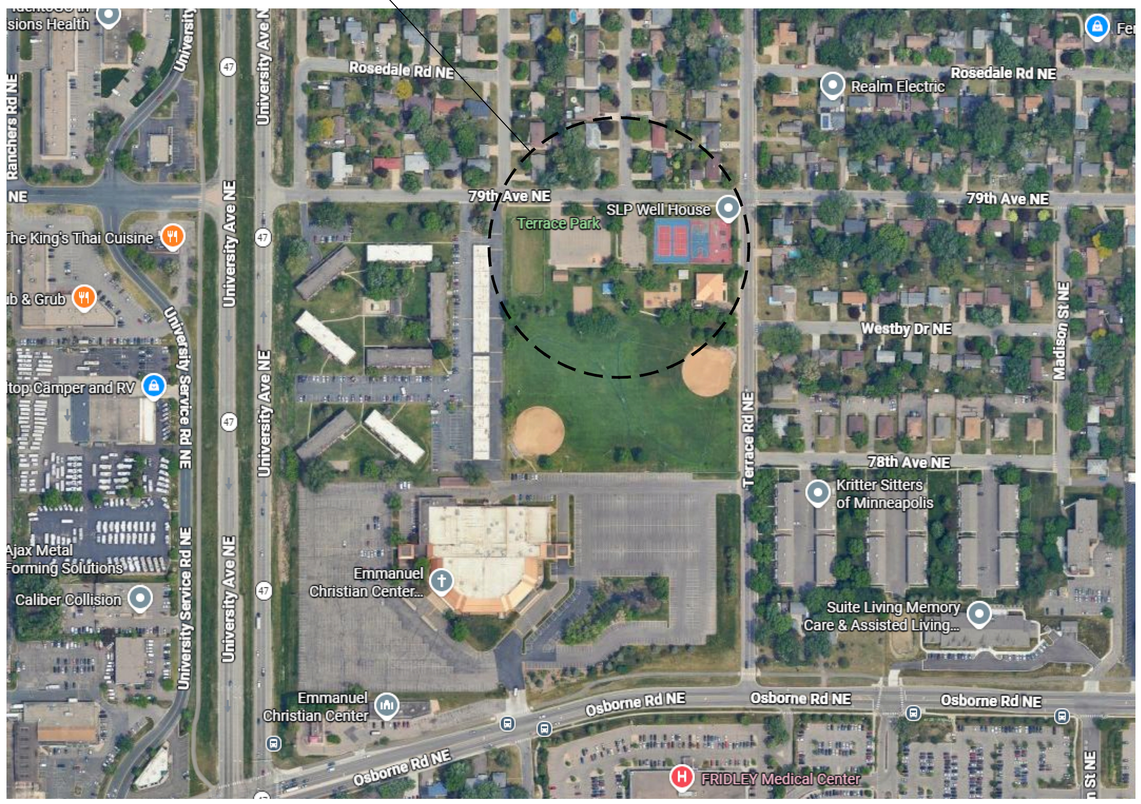
TERRACE PARK BUILDING REPLACEMENT PROJECT

SPRING LAKE PARK, MINNESOTA

2026

PROJECT:
TERRACE PARK
410 79TH AVENUE NORTHEAST
SPRING LAKE PARK, MN 55432



PROJECT LOCATION MAP

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2026 CITY OFFICIALS

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KEN WENDLING	COUNCIL MEMBER
APRIL MORAN	COUNCIL MEMBER
BARBARA GOODBOE-BISSCHOFF	COUNCIL MEMBER
LISA DIRCKS	COUNCIL MEMBER
DANIEL BUCHHOLTZ	CITY ADMINSTRATOR, CLERK/TREASURER
WANDA BROWN	DEPUTY CITY CLERK
JOSHUA ANTOINE	CHIEF OF POLICE
JEFF BAKER	CITY BUILDING OFFICIAL
ANNE SCANLON	PARKS AND RECREATION DIRECTOR
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PRINT NAME: BRUCE P. PAULSON
SIGNATURE:
DATE: JULY 1, 2026 LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
PROJECT TITLE SHEET AND INDEX

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
G001

Plot Date: 06/29/2026 - 3:41pm
Drawing Name: C:\Users\222702844\d_working_files\96_cad\02-plan sheets\222702844-G001.dwg
Xrefs: 222702844_BIM

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ARCHITECTURAL ABBREVIATIONS

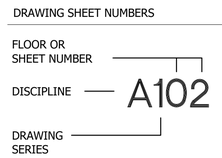
	&	AND
	∠	ANGLE
	@	AT
	℄	CENTER LINE
	Ø	PHASE OR DIAMETER
	#	POUND OR NUMBER
A	AB	ANCHOR BOLT
	ACFL	ACCESS FLOOR
	ACOUS	ACOUSTICAL
	ACT	ACOUSTICAL CEILING TILE
	AD	AREA DRAIN
	ADA	AMERICAN DISABILITIES ACT
	ADD	ADDENDUM
	ADDL	ADDITIONAL
	ADJ	ADJUST/ABLE
	ADJ	ADJACENT
	ADMIN	ADMINISTRATION
	AFF	ABOVE FINISH FLOOR
	AHU	AIR HANDLING UNIT
	ALT	ALTERNATE
	ALUM	ALUMINUM
	AMEND	AMENDMENT
	ANUN	ANNUNCIATOR
	AP	ACCESS PANEL
	APC	ARCHITECTURAL PRECAST CONCRETE
	APROX	APPROXIMATE
	ARCH	ARCHITECTURAL
	AUTO	AUTOMATIC
	AWT	ACOUSTICAL WALL TREATMENT
B	BA	BUILDING ACCESSORY
	BBD	BULLETIN BOARD
	BC	BRICK COURSES
	BD	BOARD
	BFE	BOTTOM FOOTING ELEVATION
	BG	BUMPER GUARD
	BIT	BITUMINOUS
	BKT	BRACKET
	BLDG	BUILDING
	BLKG	BLOCKING
	BLT	BORROWED LIGHT
	BLW	BELOW
	BM	BEAM
	BO	BY OWNER
	BOF	BY OWNER FUTURE
	BOT	BOTTOM
	BR	BRICK
	BRG	BEARING
	BRL	BRICK LEDGE
	BSMT	BASEMENT
	BTWN	BETWEEN
	BULL	BULLETIN
	BUR	BUILT-UP ROOFING
C	C	CHANNEL
	C DISP	CUP DISPENSER
	CAB	CABINET
	CG	CORNER GUARD
	CH	COAT HOOK
	CJT	CONTROL/CONTRACTION JOINT
	CL	CENTER LINE
	CCTV	CLOSED CIRCUIT TELEVISION
	CD	COILING DOOR
	CG	COILING GRILLE
	CL	CLASS
	CLG	CEILING
	CLR	CLEAR
	CM	CONSTRUCTION MANAGER
	CMU	CONCRETE MASONRY UNIT
	CO	CLEANOUT
	CO	CASED OPENING
	COL	COLUMN
	COMB	COMBINATION/-ED
	CONC	CONCRETE
	CONF	CONFERENCE
	CONN	CONNECT/-ED,/-ION
	CONST	CONSTRUCTION
	CONT	CONTINUE/OUS
	CONTR	CONTRACT/OR
	COORD	COORDINATE
	CORR	CORRIDOR
	CPT	CARPET
	CT	CERAMIC TILE
	CTR	CENTER
	CTSK	COUNTERSUNK
	CTOP	COUNTERTOP
	CUH	CABINET UNIT HEATER
	CW	CURTAIN WALL
	CW	COLD WATER
	CYL	CYLINDER
D	D	DEPTH OR DEEP
	DEMO	DEMOLITION
	DEPR	DEPRESSION
	DEPT	DEPARTMENT
	DET	DETAIL/S
	DF	DRINKING FOUNTAIN
	DIA	DIAMETER
	DIAG	DIAGONAL
	DIFF	DIFFUSER
	DIM	DIMENSION
	DISP	DISPENSER
	DIST	DISTRIBUTION
	DIV	DIVISION
	DJT	DUMMY JOINT
	DN	DOWN
	DP	DEMOUNTABLE PARTITION
	DP	DATA PROCESSING
	DR	DOOR
	DS	DOWNSPOUT
	DW	DUMBWAITER
	DWG	DRAWING
	DWLS	DOWELS
E	E	EXISTING
	EC	ELECTRIC CABINET
	EF	EXHAUST FAN
	EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
	EJT	EXPANSION JOINT
	EL	ELEVATION
	ELEC	ELECTRICAL
	ELEV	ELEVATOR
	EMERG	EMERGENCY
	ENCL	ENCLOSURE
	ENTR	ENTRANCE
	EO	ELECTRICAL OUTLET
	EQ	EQUAL
	EQUIP	EQUIPMENT
	ES	END SECTION
	EWC	ELECTRIC WATER COOLER
	EXA	EXHAUST AIR
	EXC	EXCAVATE/-ED/-ION
	EXH	EXHAUST HOOD
	EXIST	EXISTING
	EXP	EXPANSION
	EXT	EXTERIOR
F	FA	FIRE ALARM
	FB	FIRE BLANKET
	FBR	FACE BRICK
	FD	FLOOR DRAIN
	FDN	FOUNDATION
	FDV	FIRE DEPARTMENT VALVE
	FE	FIRE EXTINGUISHER
	FGS	FOAM GASKET SEAL
	FH	FIRE HOSE
	FHP	FULL HEIGHT PARTITION
	FHV	FIRE HOSE VALVE
	FIN	FINISH
	FIXT	FIXTURE
	FL	FLOOR
	FL	FLOW LINE
	FLASH	FLASHING
	FLEX	FLEXIBLE
	FLG	FLANGE
	FLUOR	FLUORESCENT
	FP	FIRE PROOFING
	FRMG	FRAMING
	FS	FULL SIZE
	FS	FLOOR SINK
	FSTOP	FIRESTOPPING
	FT	FOOT/FEET
	FTG	FOOTING
	FTR	FIN TUBE RADIATION
	FURR	FURRING
	FUT	FUTURE
G	GA	GAUGE
	GAL	GALLONS
	GALV	GALVANIZED
	GB	GRAB BAR
	GB	GRADE BEAM
	GC	GENERAL CONTRACTOR
	GEN	GENERATOR
	GEN	GENERAL
	GL	GLASS
	GMU	GLASS MASONRY UNIT
	GR	GRADE
	GYB	GYPSUM BOARD
	GYP SHTG	GYPSUM SHEATHING
H	H	HEIGHT
	HB	HOSE BIB
	HD	HAND DRYER
	HDCP	HANDICAP
	HDR	HEADER
	HDW	HARDWARE
	HM	HOLLOW METAL
	HORIZ	HORIZONTAL
	HPT	HIGHPOINT
	HR	HANDRAIL
	HT	HEIGHT
	HTR	HEATER
	HVAC	HEATING, VENTILATING, AIR CONDITIONING
	HW	HOT WATER
	HWD	HARDWOOD
I	IC	INTERCOM
	ID	INSIDE DIAMETER
	IM-FP	INTUMESCENT MASTIC FIREPROOFING
	IN	INCH
	INSUL	INSULATION
	INT	INTERIOR
	ISO	ISOLATION
J	JAN	JANITOR
	JB	JUNCTION BOX
	JST	JOIST
	JT	JOINT
K	KO	KNOCK OUT
L	L	ANGLE
	L	LAVATORY
	LAV	LAVATORY
	LB	POUND
	LCD	LINEAR CEILING DIFFUSER
	LF	LINE FIGURED
	LIN	LINEAR
	LKR	LOCKER
	LLH	LONG LEG HORIZONTAL
	LLV	LONG LEG VERTICAL
	LMC	LINEAR METAL CEILING
	LOC	LOCATION OR LOCATE
	LPT	LOW POINT
	LS	LAWN SPRINKLING
	LT	LIGHT
	LTG	LIGHTING
	LVR	LOUVER
	LWC	LINEAR WOOD CEILING
M	M	MIDDLE
	MAN	MANUAL
	MATL	MATERIAL
	MAX	MAXIMUM
	MBD	MARKER BOARD
	MC	MEDICINE CABINET
	MCU	MODULAR COOLING UNIT
	MECH	MECHANICAL
	MEMB	MEMBRANE
	MET	METAL
	MEZZ	MEZZANINE
	MFR	MANUFACTURER
	MH	MANHOLE
	MHC	MATERIAL HANDLING CONVEYOR
	MIN	MINIMUM
	MIR	MIRROR
	MISC	MISCELLANEOUS
	MO	MASONRY OPENING
	MONO	MONOLITHIC
	MPC	METAL PAN CEILING
	MPU	MULTI-PURPOSE UNIT
	MTD	MOUNTED
	MTR	MOTOR
	MULL	MULLION
N	NA	NOT APPLICABLE
	NIC	NOT IN CONTRACT
	NO	NUMBER
	NOM	NOMINAL
	NRC	NOISE REDUCTION COEFFICIENT
	NT	NOTE
	NTS	NOT TO SCALE
O	OC	ON CENTER
	OD	OUTSIDE DIAMETER
	OFF	OFFICE
	OH	OVERHEAD
	OP	OPERABLE PARTITION
	OPER	OPERATOR
	OPNG	OPENING
	OPP	OPPOSITE
	ORD	OVERFLOW ROOF DRAIN
P	PART	PARTITION
	PB	PUSH BUTTON
	PC	PRECAST CONCRETE
	PCD	PAPER CUP DISPENSER
	PED	PEDESTAL
	PL	PLATE
	PL	PROPERTY LINE
	PLAM	PLASTIC LAMINATE
	PLBG	PLUMBING
	PLS	PLASTER
	PLW	PLYWOOD
	PNL	PANEL
	PR	PAIR
	PRELIM	PRELIMINARY
	PRES	PLASTIC RESIN
	PRESS	PRESSURE
	PRIM	PRIMARY
	PROJ	PROJECTION
	PRV	POWER ROOF VENTILATOR
	PT	PAINT
	PTC	PAPER TOWEL CABINET
	PTR	PRINTER
	PVC	POLYVINYL CHLORIDE
Q	QT	QUARRY TILE
R	R	RADIUS
	R	RISER
	RA	RETURN AIR
	RAD	RADIATION
	RB	RESILIENT BASE
	RD	ROOF DRAIN
	RE	RELOCATE EXISTING
	REC	RECESSED
	REF	REFERENCE
	REFR	REFRIGERATOR
	REG	REGISTER
	REINF	REINFORCE/-ED/-ING
	REM	REMOVE
	REQD	REQUIRED
	RET	RETAINING
	REV	REVERSE
	REV	REVISE
	RF	RESILIENT FLOOR
	RH	ROOF HATCH
	RM	ROOM
	RO	ROUGH OPENING
	RS	ROUGH SLAB
	RWL	RAIN WATER LEADER
S	S	SINK
	SCHED	SCHEDULE
	SD	SHOWER DRAIN
	SD	SMOKE DAMPER
	SDISP	SOAP DISPENSER
	SECT	SECTION
	SECY	SECRETARY
	SF	STORE FRONT
	SF	SQUARE FOOT
	SH	SHOWER
	SHD	SHOWER HEAD
	SHT	SHEET
	SHTG	SHEATHING
	SIM	SIMILAR
	SL	SEALER
	SLNT	SEALANT
	SLV	SLEEVE
	SM	SURFACE MOUNTED
	SNC	SANITARY NAPKIN CABINET
	SND	SANITARY NAPKIN DISPOSER
	SOG	SLAB ON GRADE
	SP	STANDPIPE
	SPC	SPECIMEN PASS THROUGH CABINET
	SPEC	SPECIFICATIONS
	SPR	SINGLE PLY ROOF
	SQ	SQUARE
	SQ YD	SQUARE YARD
	SR	SERVICE RECEPTOR
	SS	SERVICE SINK
	SST	STAINLESS STEEL
	ST	STREET
	ST	STONE TILE
	STC	SOUND TRANSMISSION
	STD	STANDARD
	STL	STEEL
	STN	STONE
	STNL	STONE LEDGE
	STOR	STORAGE
	STRUCT	STRUCTURAL
	STS	STEEL STRUCTURE
	SUPV	SUPERVISOR
	SUSP	SUSPENDED
	SW	STEEL WINDOWS
	SW	SWITCH
	SWD	SOFTWOOD
	SYM	SYMMETRICAL
T	T	TOP
	TAN	TANGENT
	TBD	TACKBOARD
	TC	TIME CLOCK
	TCAB	TOWEL CABINET
	TDISP	TISSUE DISPENSER
	TDR	TRENCH DRAIN
	TEL	TELEPHONE
	TEMP	TEMPERATURE
	TER	TERRAZZO
	TG	TONGUE & GROOVE
	THRES	THRESHOLD
	TPH	TOILET PAPER HOLDER
	TR	TREAD
	TRANSF	TRANSFORMER
	TS	TUBE SECTION
	TV	TELEVISION
	TYP	TYPICAL
U	U	URINAL
	UC	UNDERCUT
	UFD	UNDER FLOOR DUCT
	UG	UNDERGROUND
	UH	UNIT HEATER
	UNFIN	UNFINISHED
	UNO	UNLESS NOTED OTHERWISE
	US	UTILITY SHELF
	UTIL	UTILITY
V	VC	VALVE CABINET
	VENT	VENTILATION
	VERT	VERTICAL
	VEST	VESTIBULE
	VTR	VENT THROUGH ROOF
W	W	WIDTH/WIDE
	W	WIDE FLANGE
	W/	WITH
	W/O	WITHOUT
	WC	WATER CLOSET
	WC	WALL COVERING
	WD	WOOD
	WDW	WINDOW
	WG	WALL GUARD
	WH	WALL HYDRANT
	WHCH	WHEELCHAIR
	WHTR	WATER HEATER
	WP	WATERPROOF
	WR	WASTE RECEPTACLE
	WS	WEATHERSTRIP
	WSCT	WAINSCOT
	WT	WINDOW TREATMENT
	WT	WEIGHT
	WW	WOOD WINDOW
	WWF	WELDED WIRE FABRIC

INDICATION OF MATERIALS

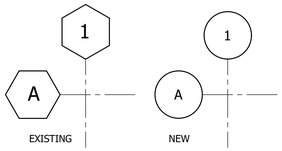
- GRADE
- EARTHWORK FILLS
- CONCRETE - CAST IN PLACE/PRECAST
- TERRAZZO
- BRICK
- STONE
- CONCRETE MASONRY UNIT
- TILE (CERAMIC OR QUARRY)
- PLASTER, SAND, GYPSUM BOARD, PARTICLE BOARD
- WOOD (FINISH)
- WOOD BLOCKING OR FRAMING
- PLYWOOD
- INSULATION
- METAL
- ACOUSTICAL MATERIAL
- EXPANSION MATERIAL
- CARPET

SYMBOLS

DRAWING SHEET NUMBERS



COLUMN GRID LINES



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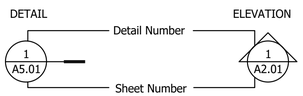
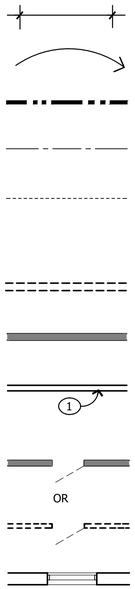




Dimension Line

Note Leaders

Match Line

Center Line-℄
Or Fin. Fl. Line

Broken Line Line Above Or Below Or N.I.C. Or Future Equipment

Existing Partitions To Be Removed.

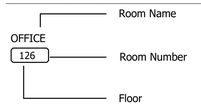
Existing Partitions To Remain.

New Partition W/ Reference Bubble

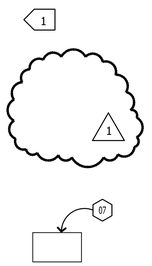
Existing Door And Frame To Be Removed.

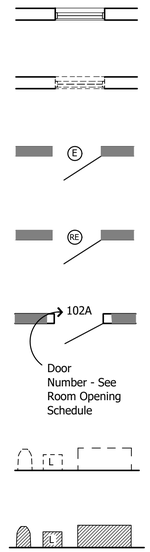
New Louver

ROOM IDENTIFICATION



MISC. IDENTIFICATION





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PRINT NAME: _____

SIGNATURE: _____ DATE: JULY 1, 2026 LIC. NO. _____

SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
ARCHITECTURAL ABBREVIATIONS, INDICATION OF MATERIALS AND SYMBOLS

NO	REVISION	DATE

SURVEY
DRAWN
DESIGNED
CHECKED
APPROVED
PROJ. NO. 222702844

SHEET NUMBER
G002

Plot Date: 06/29/2026 - 2:51pm
Drawing name: 222702844-ct_working_files\96_cad\02-plan sheets\222702844-G002.dwg
Xrefs: BP_222702844_BDR

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Spring Lake Park Terrace Park Building Code Review

This building code review is based on the following Minnesota Codes and as adopted, the 2018 IBC Codes.

2020 Minnesota Building Code
2024 Minnesota Commercial Energy Code
2020 Minnesota Conservation Code for Existing Buildings
2020 Minnesota Accessibility Code
2020 Minnesota Mechanical and Fuel Gas Code
2020 Minnesota Plumbing Code
2020 Minnesota Fire Code
2020 Minnesota Electrical Code (adopted the 2023 National Electrical Code)

I. Use and Occupancy Classification — Chapter 3

A. Occupancy Classifications
Assembly A-3 — Section 303.4

Group A-3 occupancy includes assembly uses intended for worship, recreation or amusement and other assembly uses not classified elsewhere in Group A including, but not limited to:
Community halls
Courtrooms

II. General Building Heights and Areas — Chapter 5

A. General Height and Area Limitations — Section 503

1. General — Section 503.1
The building height and area shall not exceed the limits specified in Sections 504 and 506 based on the type of construction as determined by Section 602 and the occupancies as determined by Section 302 except as modified hereafter.

B. Allowable Building Height — Table 504.3
Allowable Number of Stories Above Grade Plane — Table 504.4
Allowable Area Factor — Table 506.2

1. Group A-3 Occupancy
Type V-B Construction, sprinklered.
Area limitation per floor = 24,000 SF.
Height Limitation = 2 stories or 60 feet.

C. Actual Area

Terrace Park Building	2,823 GSF
Commons Room 101	1,462 GSF
Storage 102	228 GSF
Storage 103	164 GSF
Hall 104	80 GSF
Hall 105	33 GSF
Sprinkler Room 106	42 GSF
Toilet 107	31 GSF
Toilet 108	31 GSF
Toilet 109	93 GSF
Mech/Elec Room 110	184 GSF
Hall 111	77 GSF
Toilet 112	31 GSF
Toilet 113	31 GSF
Toilet 114	92 GSF
Snack Bar 115	244 GSF

III. Types of Construction — Chapter 6

A. Construction Classification — Section 602

1. Type V — Section 602.5
Type V construction is that type of construction in which the structural elements, exterior walls and interior walls are of any materials permitted by this code.

B. Fire-Resistive Rating Requirements for Building Elements — Table 601
Construction Type V-B

Structural Frame	
Primary Structural Frame	0 Hours
Roof Framing	0 Hours
Exterior Bearing Walls	0 Hours
Interior Bearing Walls	0 Hours (where supporting roof only)
Floor Construction	0 Hours
Roof Construction	0 Hours

C. Fire-Resistive Rating Requirements for Exterior Walls Based on Fire Separation Distance — Table 602
Exterior walls less than 30 feet from a property line shall be of one-hour fire-rated construction.
NOTE: This building is more than 30 feet from all property lines.

IV. Fire Protection and Life Safety Systems — Chapter 9

A. General — Section 903.1
Automatic sprinkler systems shall comply with this section.

B. Automatic Sprinkler Systems — Section 903.2.1

An automatic sprinkler system is provided throughout this building.

D. Portable Fire Extinguishers — Section 906

1. General — Section 906.1
Portable fire extinguishers shall be provided in occupancies and locations as required by the *Minnesota State Fire Code*.
Wall-mounted fire extinguishers and/or fire extinguishers in cabinets are provided such that there is less than 75' of travel distance to an extinguisher.

E. Fire Alarm and Detection Systems — Section 907

1. General — Section 907.1
This section covers the application, installation, performance and maintenance of fire alarm systems and their components.

a. Construction Documents — Section 907.1.1
Construction documents for fire alarm systems shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform with the provisions on this code, the International Fire Code, and relevant laws, ordinances, rules and regulations, as determined by the fire code official. This existing building has an approved fire alarm system throughout the building.

b. Equipment — Section 907.1.3
Systems and components shall be listed and approved for the purpose for which they are installed.

2. Where Required — Section 907.2
An approved manual, automatic, or manual and automatic fire alarm system shall be provided in new buildings and occupancies in accordance with Section 907.2.1 through Section 907.2.24 and NFPA 72.

V. Means of Egress — Chapter 10

A. General Means of Egress — Section 1003

1. Applicability — Section 1003.1
The general requirements specified in Sections 1003 through 1015 shall apply to all three elements of the means of egress system, in addition to those specific requirements for the exit access, the exit, and exit discharge detailed elsewhere in this chapter.

2. Ceiling Height — Section 1003.2
The means of egress system shall have a ceiling height of not less than 7 feet 6 inches.

EXCEPTIONS:

1. Door height in accordance with Section 1010.1.1.

3. Design Occupant Load — Section 1004.1
In determining means of egress requirements, the number of occupants for whom means of egress facilities shall be provided shall be determined in accordance with this section.

4. Maximum Floor Area Allowance per Occupant — Table 1004.5
a. Accessory storage areas, mechanical equipment room — 300 SF gross
b. Assembly area (chairs only-not fixed) — 7 SF gross
c. Business areas — 150 SF gross

5. Building Occupant Load Calculation

a. Total Building Area	2,823 GSF	
Commons Room 101	1,462 GSF/1,385 NET	198 OCC
Storage 102	228 GSF	0 OCC
Storage 103	164 GSF	0 OCC
Hall 104	80 GSF	0 OCC
Hall 105	33 GSF	0 OCC
Sprinkler Room 106	42 GSF	1 OCC
Toilet 107	31 GSF	0 OCC
Toilet 108	31 GSF	0 OCC
Toilet 109	93 GSF	0 OCC
Mech/Elec Room 110	184 GSF	1 OCC
Hall 111	77 GSF	0 OCC
Toilet 112	31 GSF	0 OCC
Toilet 113	31 GSF	0 OCC
Toilet 114	92 GSF	0 OCC
Snack Bar 115	244 GSF	2 OCC
TOTAL BUILDING OCCUPANT LOAD		202 OCCUPANTS

B. Accessible Means of Egress — Section 1009

1. Accessible means of egress required. — Section 1009.1
Accessible means of egress shall comply with this section. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress is required by Section 1006.2 or 1006.3 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.

C. Doors — Section 1010.1

1. Size of Doors — Section 1010.1.1
The required capacity of each door opening shall be sufficient for the occupant load thereof and shall provide a minimum clear opening width of 32 inches. The clear opening width of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. The maximum width of a swinging door leaf shall be 48 inches nominal. The minimum clear opening height shall be not less than 80 inches.

NOTE: All swinging service doors will be 3'-0" wide by 7'-0" high minimum.

VI. Plumbing — Chapter 29

A. Minimum Plumbing Facilities — Section 2902

1. Minimum Number of Fixtures. — Table 2902.1
Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in Table 2902.1.

Plumbing fixtures shown are based on an Assembly Group A-3 occupancy.

Public Toilets:	6 WC, 6 Lavatories	240 occupants
Mop sink	1	
Drinking Fountain	1 (dual level)	500 occupants
Total occupant coverage:		240 occupants

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PRINT NAME: BRUCE P. PAULSON
SIGNATURE:
DATE: JULY 1, 2026 LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
BUILDING CODE REVIEW

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
G003

Plot Date: 06/29/2026 - 2:51pm
Drawing name: U:\222702844\d_working_files\96_cad\02-plan sheets\222702844-G003.dwg
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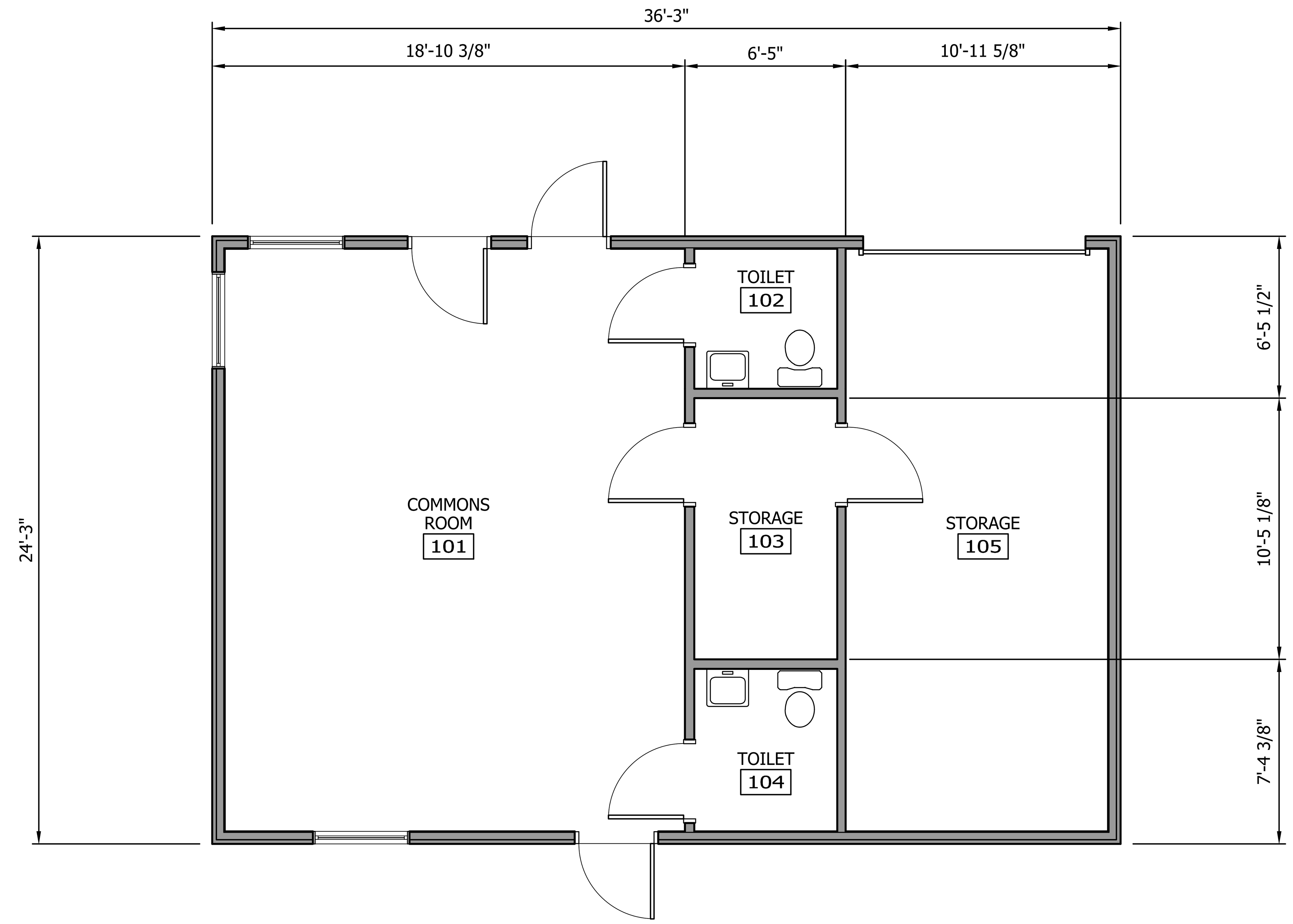

1 EXISTING BUILDING FLOOR PLAN

0 2' 4' 8'

DEMOLITION NOTES:

1. EXISTING BUILDING TO BE REMOVED IN ITS ENTIRETY, INCLUDING CONC FLOOR SLAB, FOUNDATION WALLS AND FOOTINGS
2. TURN OFF WATER SERVICE AND REMOVE WATER LINE TO ......
3. REMOVE SANITARY SEWER LINE TO....
4. DE-ENERGIZE ELECTRICAL SERVICE AND REMOVE WIRING AND CONDUIT(S) TO TRANSFORMER

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Plot Date: 06/29/2026 - 2:52pm
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SPRING LAKE PARK, MINNESOTA

TERRACE PARK WARMING HOUSE REPLACEMENT

EXISTING PARK BUILDING FLOOR PLAN

NO	REVISION	DATE

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PROJ. NO.	222702844

SHEET NUMBER
A100

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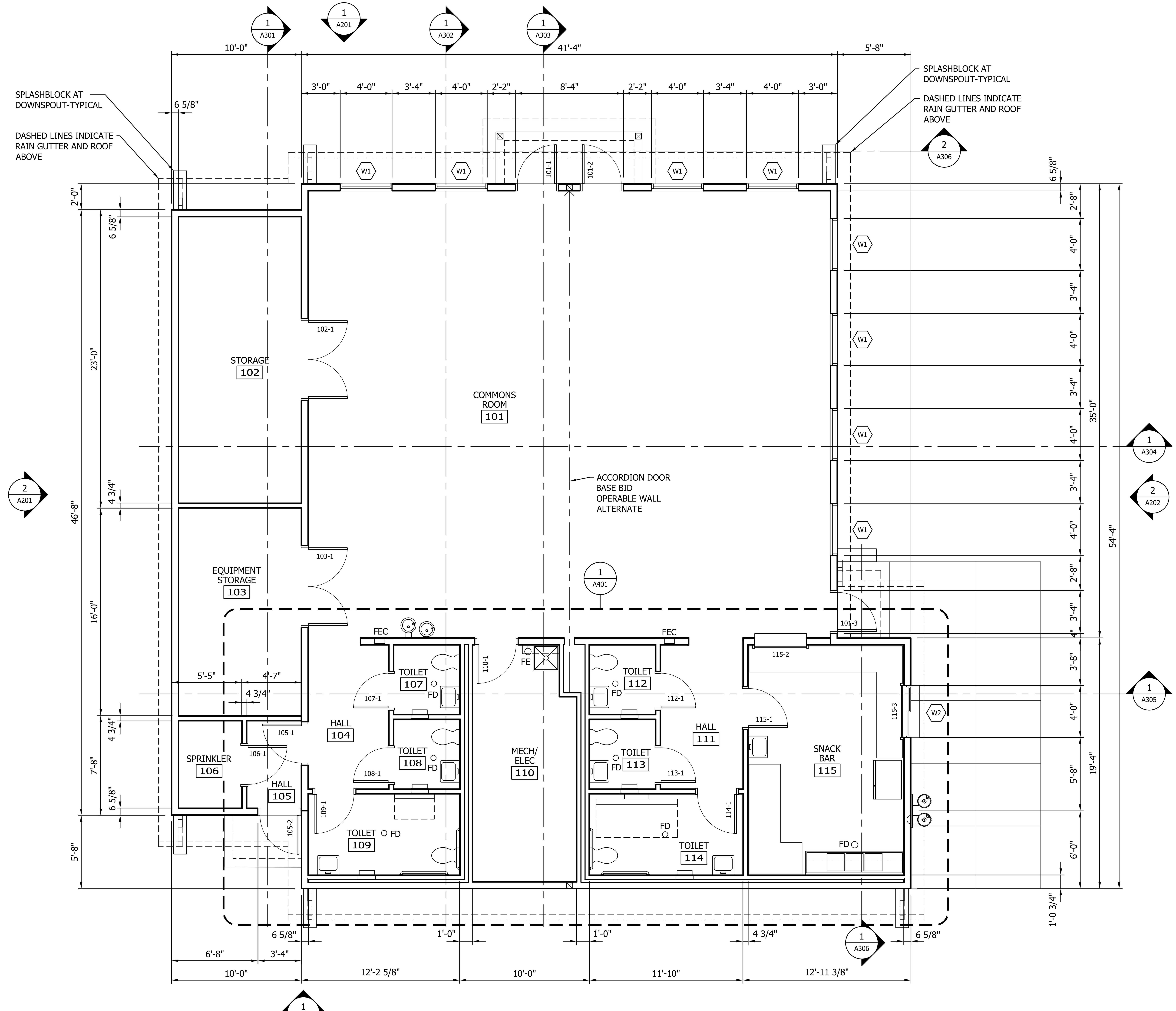

1 FLOOR PLAN
0 2' 4' 8'

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SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
FLOOR PLAN

NO	REVISION	DATE

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DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
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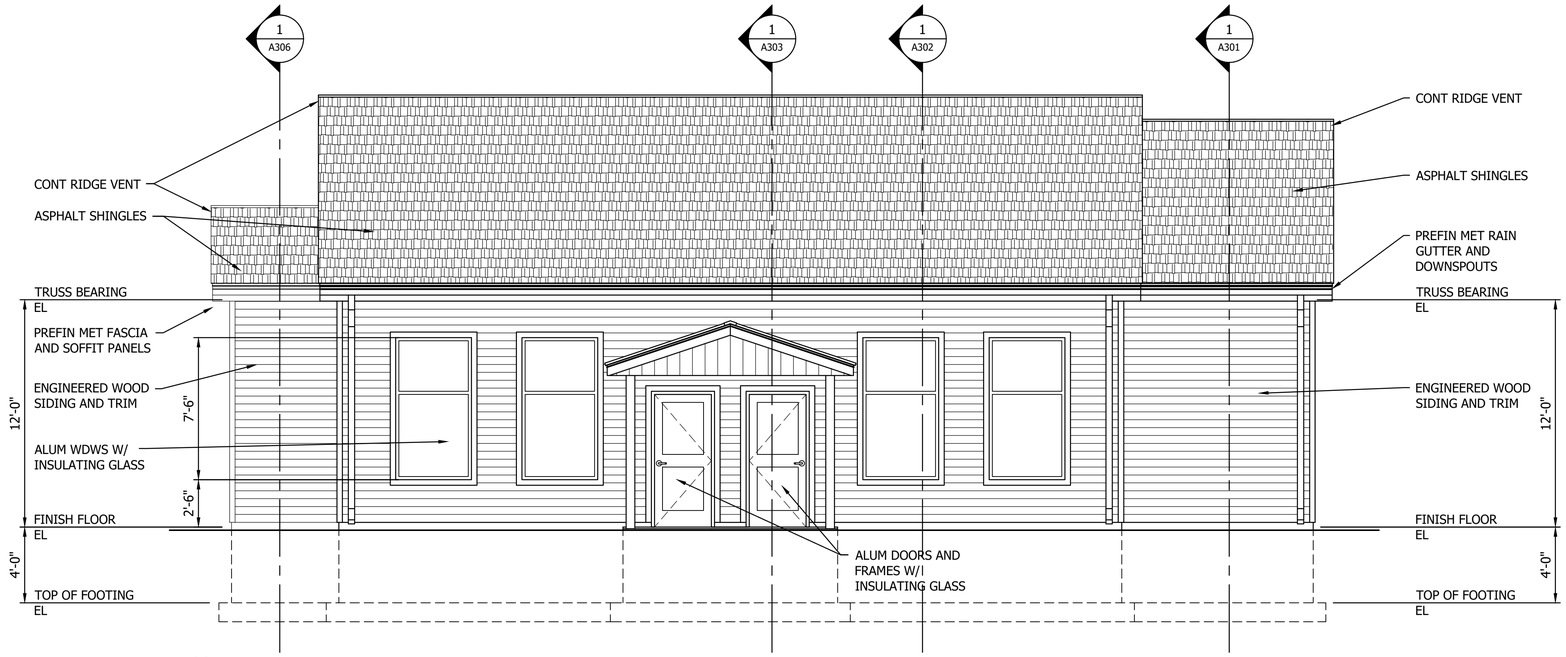
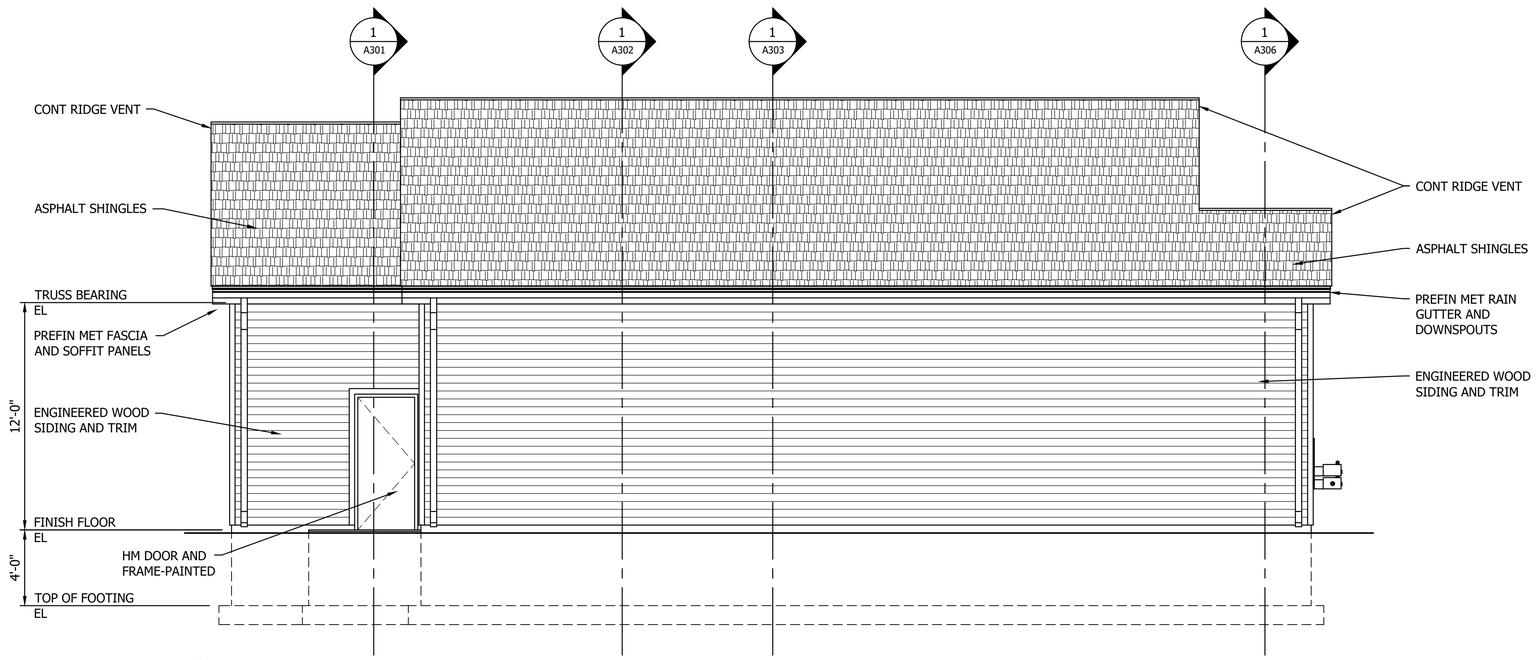


1 PROPOSED NORTH ELEVATION

0 2' 4' 8'



2 PROPOSED SOUTH ELEVATION

0 2' 4' 8'

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SPRING LAKE PARK, MINNESOTA

TERRACE PARK WARMING HOUSE REPLACEMENT

PROPOSED EXTERIOR ELEVATIONS

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER

A201

Plot Date: 06/29/2026 - 2:53pm
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Xrefs: 222702844_BDR, 222702844_XENA

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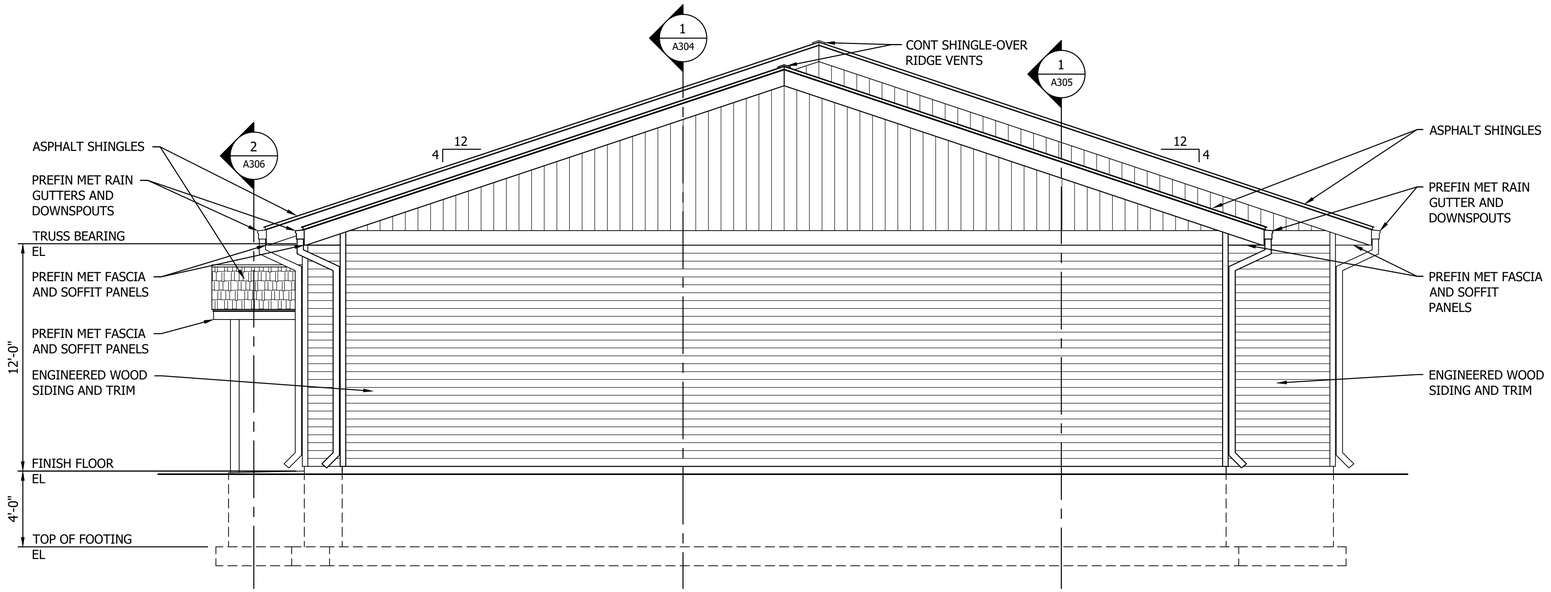

1 PROPOSED WEST ELEVATION

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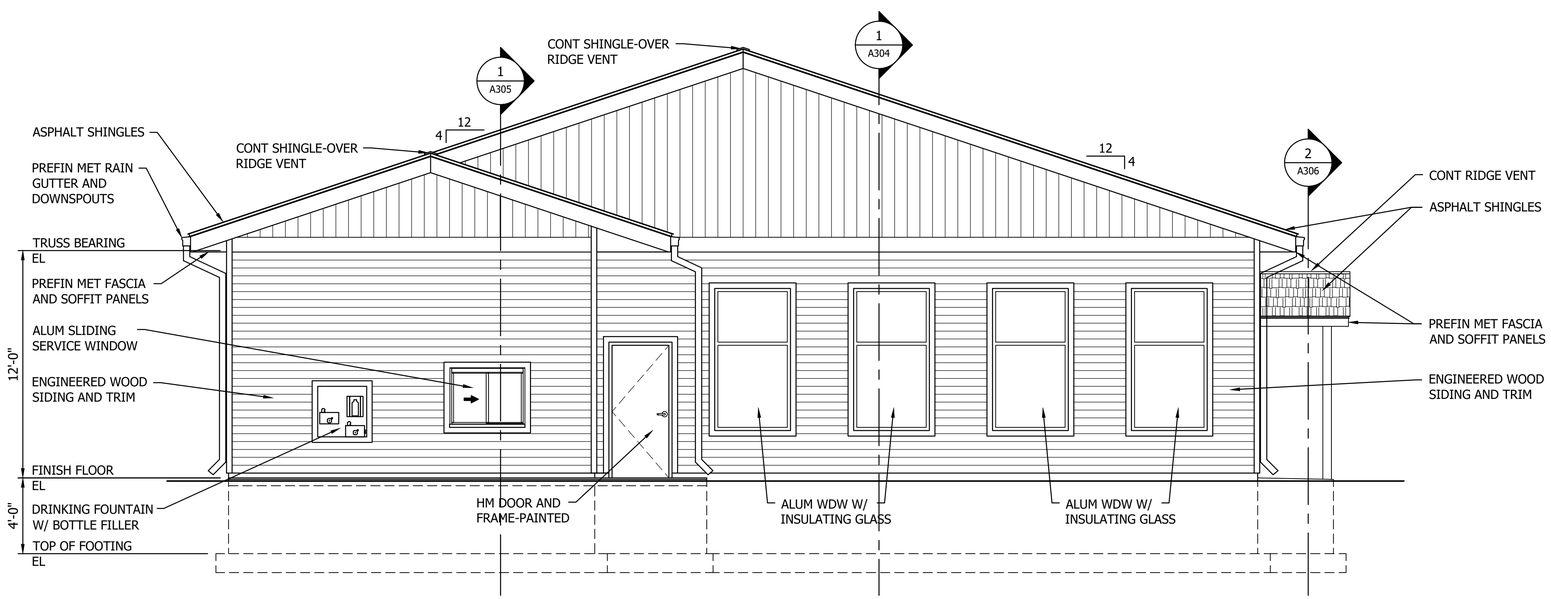

2 PROPOSED EAST ELEVATION

0 2' 4' 8'

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TERRACE PARK WARMING HOUSE REPLACEMENT

PROPOSED EXTERIOR ELEVATIONS

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER

A202

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Xrefs:, 222702844_BDR, 222702844_XENA

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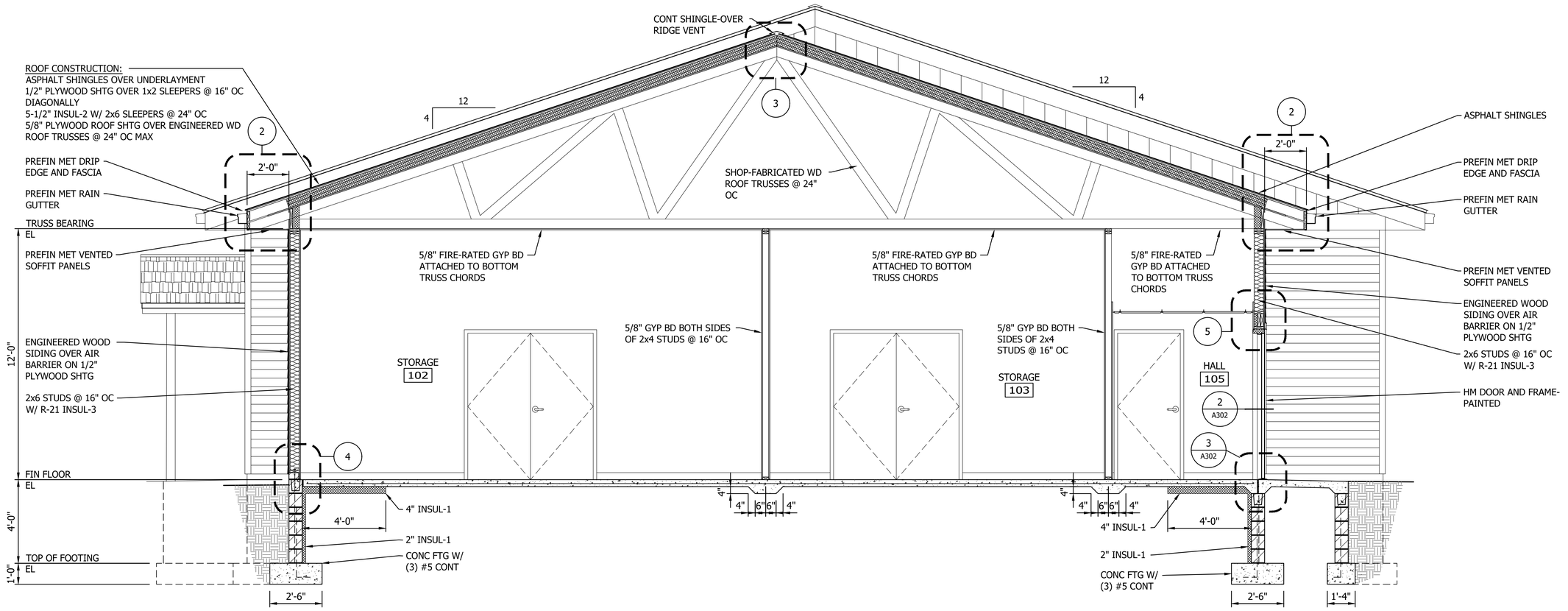

1 BUILDING SECTION
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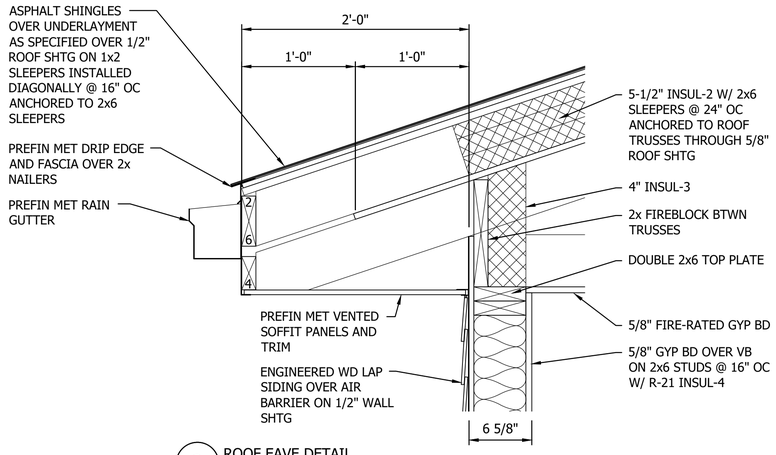

2 ROOF EAVE DETAIL
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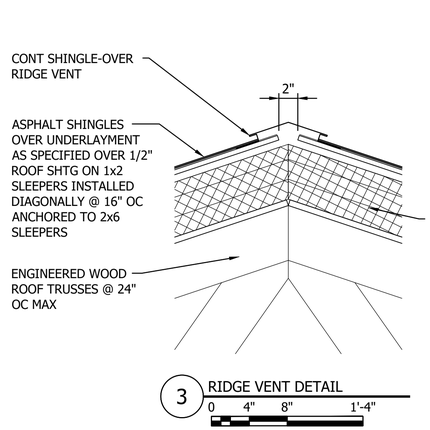

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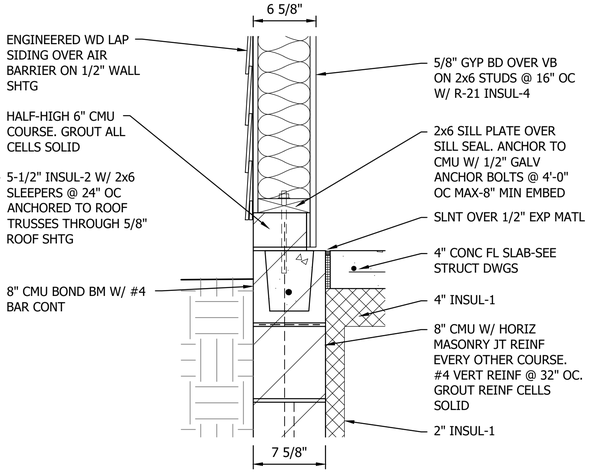

4 WALL DETAIL AT GRADE
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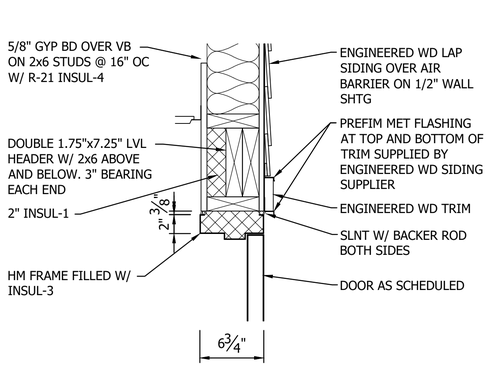

5 DOOR HEAD DETAIL
0 4" 8" 1'-4"

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SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
BUILDING SECTION AND DETAILS

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
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APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
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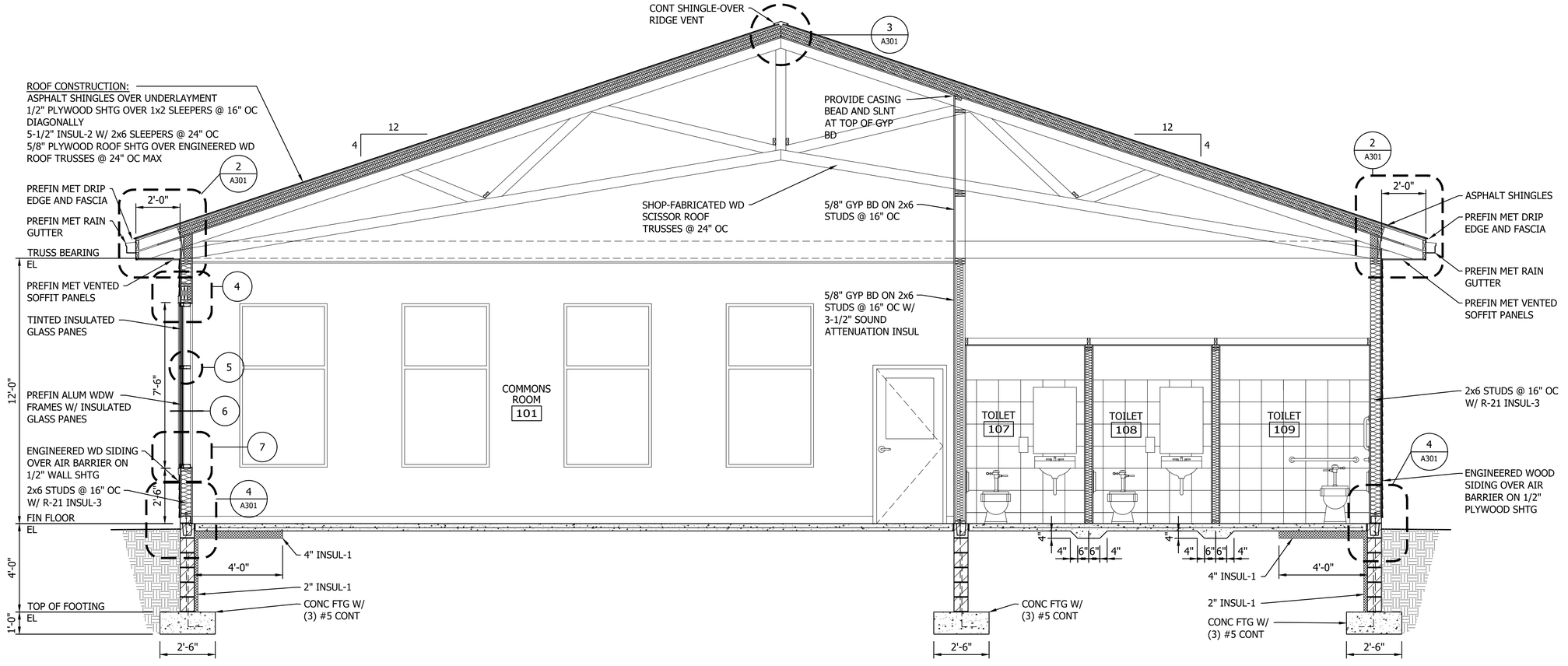

1 BUILDING SECTION
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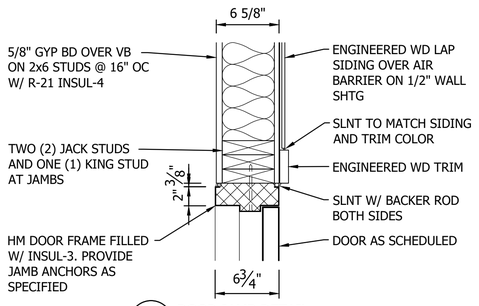

2 DOOR JAMB DETAIL
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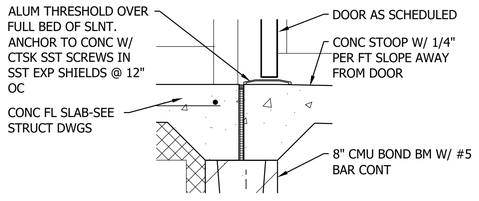

3 DOOR THRESHOLD DETAIL
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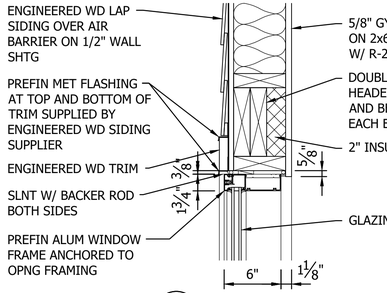

4 WINDOW HEAD DETAIL
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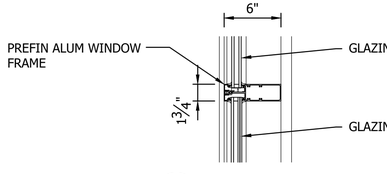

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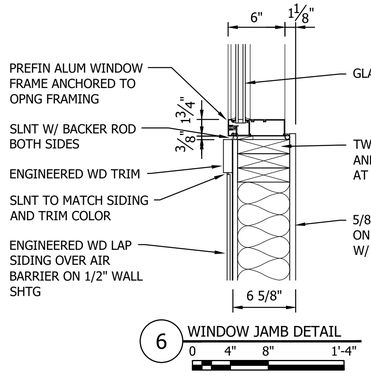

6 WINDOW JAMB DETAIL
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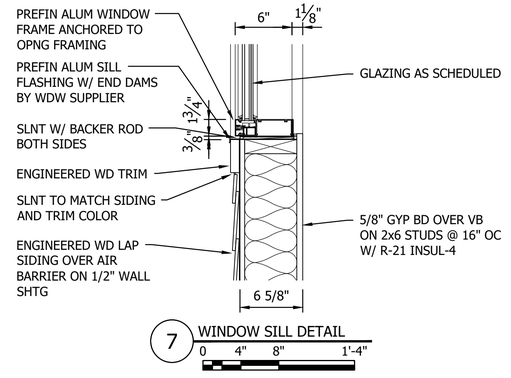

7 WINDOW SILL DETAIL
0 4" 8" 1'-4"

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SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
BUILDING SECTION AND DETAILS

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
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APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
A302

Plot Date: 06/29/2026 - 2:55pm
Drawing: C:\Users\bruce.paulson\ACCDocs\Stantec\222702844\Project Files\working_files\96_cad\02-plan sheets\222702844-A302.dwg
Xrefs: 19380724_XSNA_222702844_BDR

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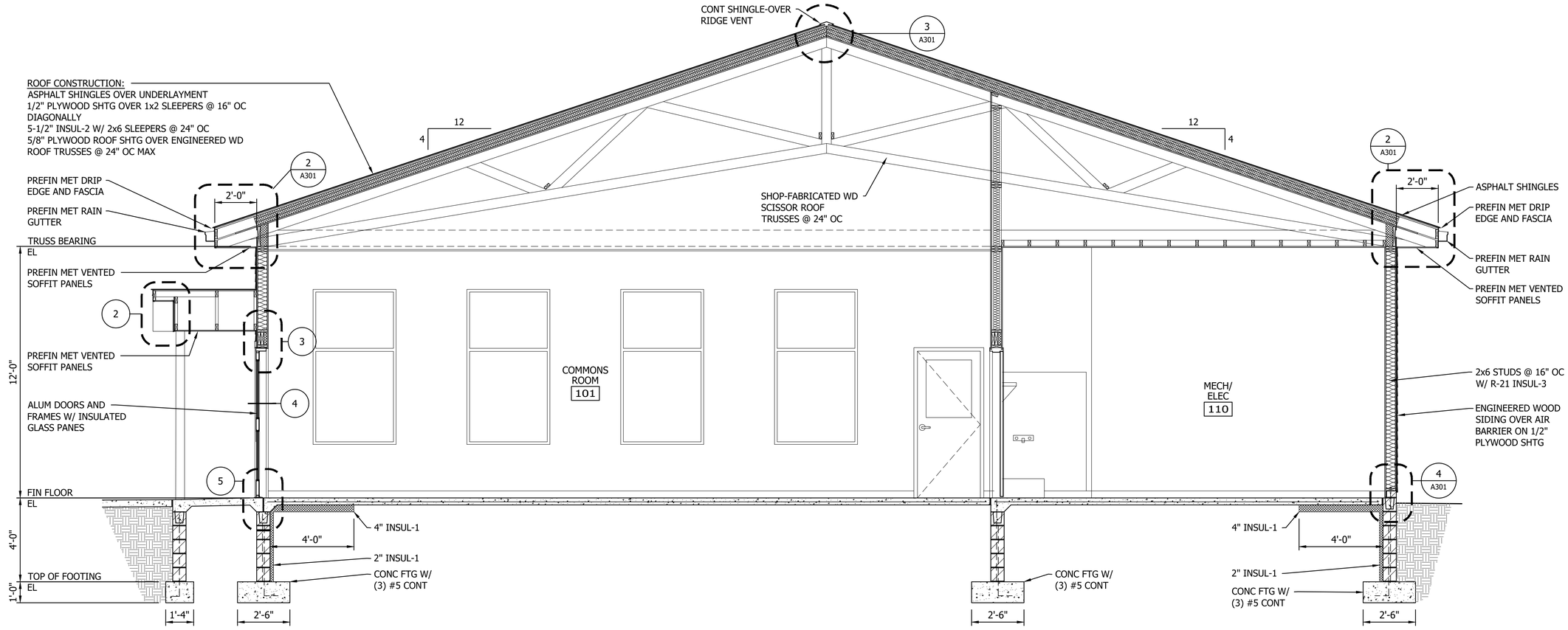

1 BUILDING SECTION
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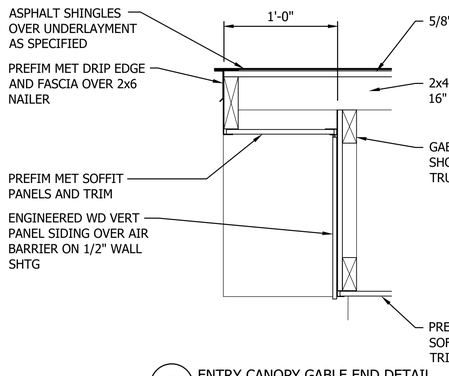

2 ENTRY CANOPY GABLE END DETAIL
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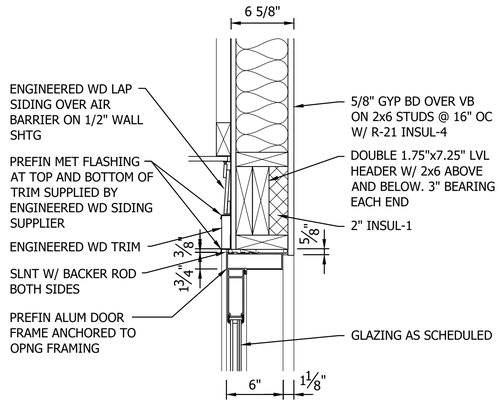
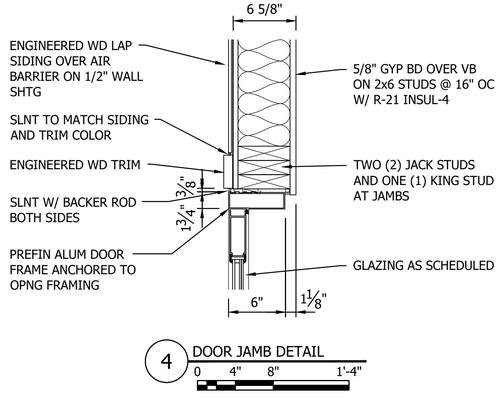


3 DOOR HEAD DETAIL
0 4" 8" 1'-4"



4 DOOR JAMB DETAIL
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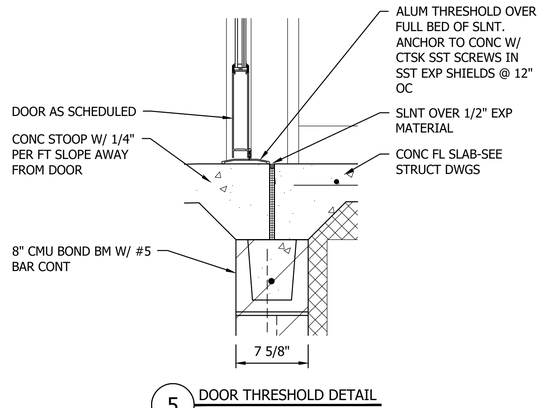

5 DOOR THRESHOLD DETAIL
0 4" 8" 1'-4"

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LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
BUILDING SECTION AND DETAILS

NO	REVISION	DATE

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DRAWN	BPP
DESIGNED	BPP
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APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
A303

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ROOF CONSTRUCTION:
ASPHALT SHINGLES OVER UNDERLAYMENT
1/2" PLYWOOD SHTG OVER 1x2 SLEEPERS @ 16" OC DIAGONALLY
5-1/2" INSUL-2 W/ 2x6 SLEEPERS @ 24" OC
5/8" PLYWOOD ROOF SHTG OVER ENGINEERED WD ROOF TRUSSES @ 24" OC MAX

PREFIN MET DRIP EDGE AND FASCIA
PREFIN MET VENTED SOFFIT PANELS
ENGINEERED WD VERT PANELS OVER AIR BARRIER ON 1/2" PLYWOOD SHTG
TRUSS BEARING EL
ENGINEERED WOOD SIDING OVER AIR BARRIER ON 1/2" PLYWOOD SHTG
2x6 STUDS @ 16" OC W/ R-21 INSUL-3
FIN FLOOR EL
TOP OF FOOTING EL
12'-0"
4'-0"
1'-0"
2'-6"
4'-0"
4" INSUL-1
2" INSUL-1
CONC FTG W/ (3) #5 CONT
5/8" GYP BD ON 2x4 STUDS @ 16" OC
5/8" GYP BD BOTH SIDES OF 2x6 STUDS @ 16" OC
SHOP-FABRICATED WD SCISSOR ROOF TRUSSES @ 24" OC
STORAGE 102
COMMONS ROOM 101
COMMONS ROOM 101
ASPHALT SHINGLES OVER UNDERLAYMENT
PREFIN MET DRIP EDGE AND FASCIA
PREFIN MET SOFFIT PANELS
ENGINEERED WD VERT PANELS W/ BATTEN STRIPS OVER AIR BARRIER ON 1/2" PLYWOOD SHTG
2x6 STUDS @ 16" OC W/ R-21 INSUL-3
TINTED INSULATED GLASS PANES
PREFIN ALUM WDW FRAMES W/ INSULATED GLASS PANES
ENGINEERED WD SIDING OVER AIR BARRIER ON 1/2" PLYWOOD SHTG

1 PROPOSED BUILDING SECTION
0 1'-6" 3' 6'

ASPHALT SHINGLES OVER UNDERLAYMENT AS SPECIFIED OVER 1/2" ROOF SHTG ON 1x2 SLEEPERS INSTALLED DIAGONALLY @ 16" OC ANCHORED TO 2x6 SLEEPERS
PREFIN MET DRIP EDGE AND FASCIA OVER 2x NAILERS
PREFIN MET SOFFIT PANELS AND TRIM
SLNT TO MATCH ENGINEERED WD VERT PANELS
ENGINEERED WD VERT PANELS OVER AIR BARRIER ON 1/2" WALL SHTG
1'-0"
5-1/2" INSUL-2 W/ 2x6 SLEEPERS @ 24" OC ANCHORED TO ROOF TRUSSES THROUGH 5/8" ROOF SHTG
2x4 BLKG BTWN LADDER JOISTS
2x4 LADDER JOISTS @ 16" OC
GABLE END WALL TRUSS
R-30 INSUL-3

2 ROOF RAKE DETAIL
0 4" 8" 1'-4"

ENGINEERED WD VERT PANELS OVER AIR BARRIER ON 1/2" WALL SHTG
PREFIN BASE FLASHING TO MATCH VERT PANELS COLOR
9.21" ENGINEERED WD TRIM
SLNT TO MATCH ENGINEERED WD VERT PANELS
ENGINEERED WD LAP SIDING OVER AIR BARRIER ON 1/2" WALL SHTG
6 5/8"
GABLE END WALL TRUSS
R-30 INSUL-3
2x4 NAILER
5/8" FIRE-RATED GYP BD
5/8" GYP BD OVER VB ON 2x6 STUDS @ 16" OC W/ R-21 INSUL-4

3 GABLE WALL TRIM DETAIL
0 4" 8" 1'-4"

ASPHALT SHINGLES OVER UNDERLAYMENT AS SPECIFIED OVER 1/2" ROOF SHTG ON 1x2 SLEEPERS INSTALLED DIAGONALLY @ 16" OC ANCHORED TO 2x6 SLEEPERS
PREFIN MET DRIP EDGE AND FASCIA OVER 2x NAILERS
5-1/2" INSUL-2 W/ 2x6 SLEEPERS @ 24" OC ANCHORED TO ROOF TRUSSES THROUGH 5/8" ROOF SHTG
GABLE END WALL TRUSS
1/2" WALL SHTG ANCHORED TO GABLE END TRUSS
1'-0"
5-1/2" INSUL-2 W/ 2x6 SLEEPERS @ 24" OC ANCHORED TO ROOF TRUSSES THROUGH 5/8" ROOF SHTG
3-1/2" INSUL-2 BTWN 2x4 LADDER JOISTS @ 16" OC
1/2" PLYWOOD SHTG SECURED TO LADDER JOISTS
GABLE END WALL TRUSS
5/8" GYP BD ON 2x4 STUDS @ 16" OC

4 ROOF RAKE DETAIL
0 4" 8" 1'-4"

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PRINT NAME: BRUCE P. PAULSON
SIGNATURE:
DATE: JULY 1, 2026
LIC. NO. 20910

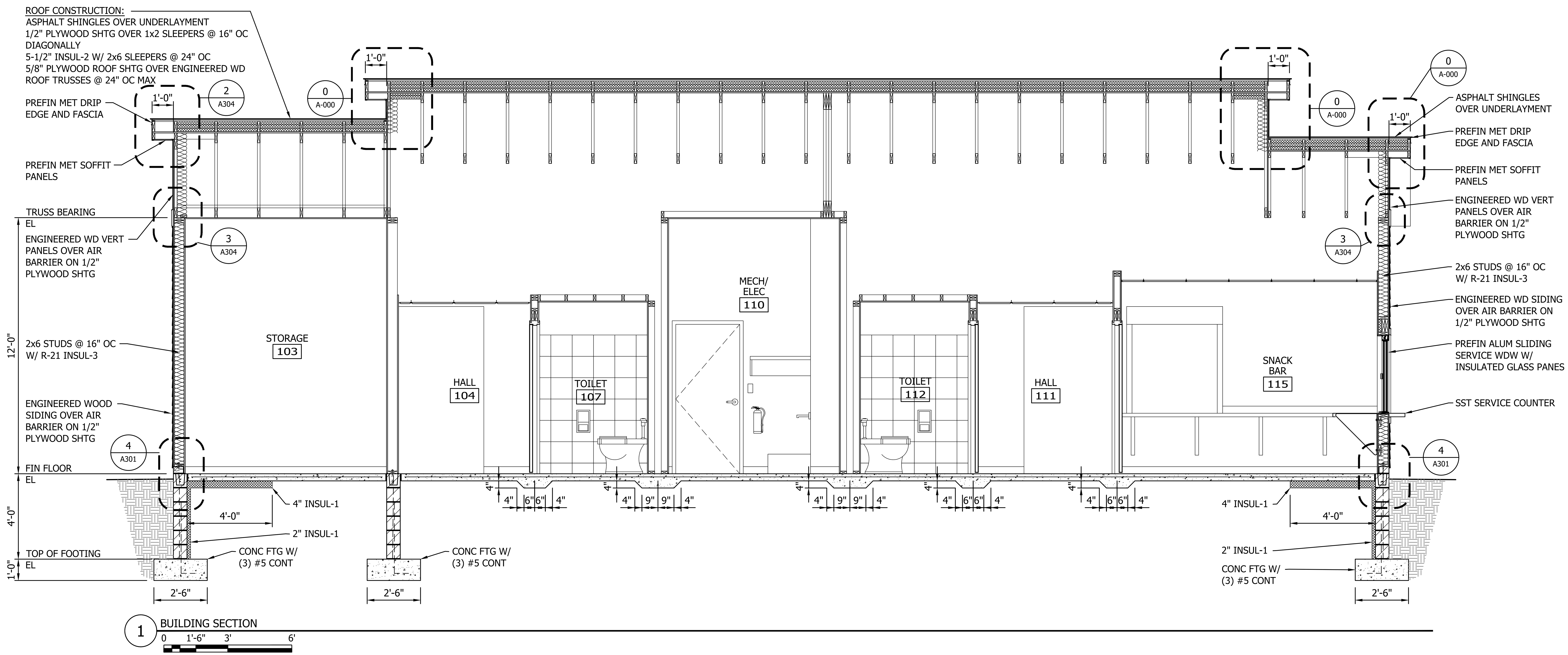
SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
BUILDING SECTION AND DETAILS

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
A304

Plot Date: 06/29/2026 - 2:57pm
Drawing No.: 222702844 - A304 - working_files\96_cad\02-plan sheets\222702844-A304.dwg
Xrefs: 193807324_XSNA_222702844_BDR



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SIGNATURE:
DATE: JULY 1, 2026 LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA

TERRACE PARK WARMING HOUSE REPLACEMENT

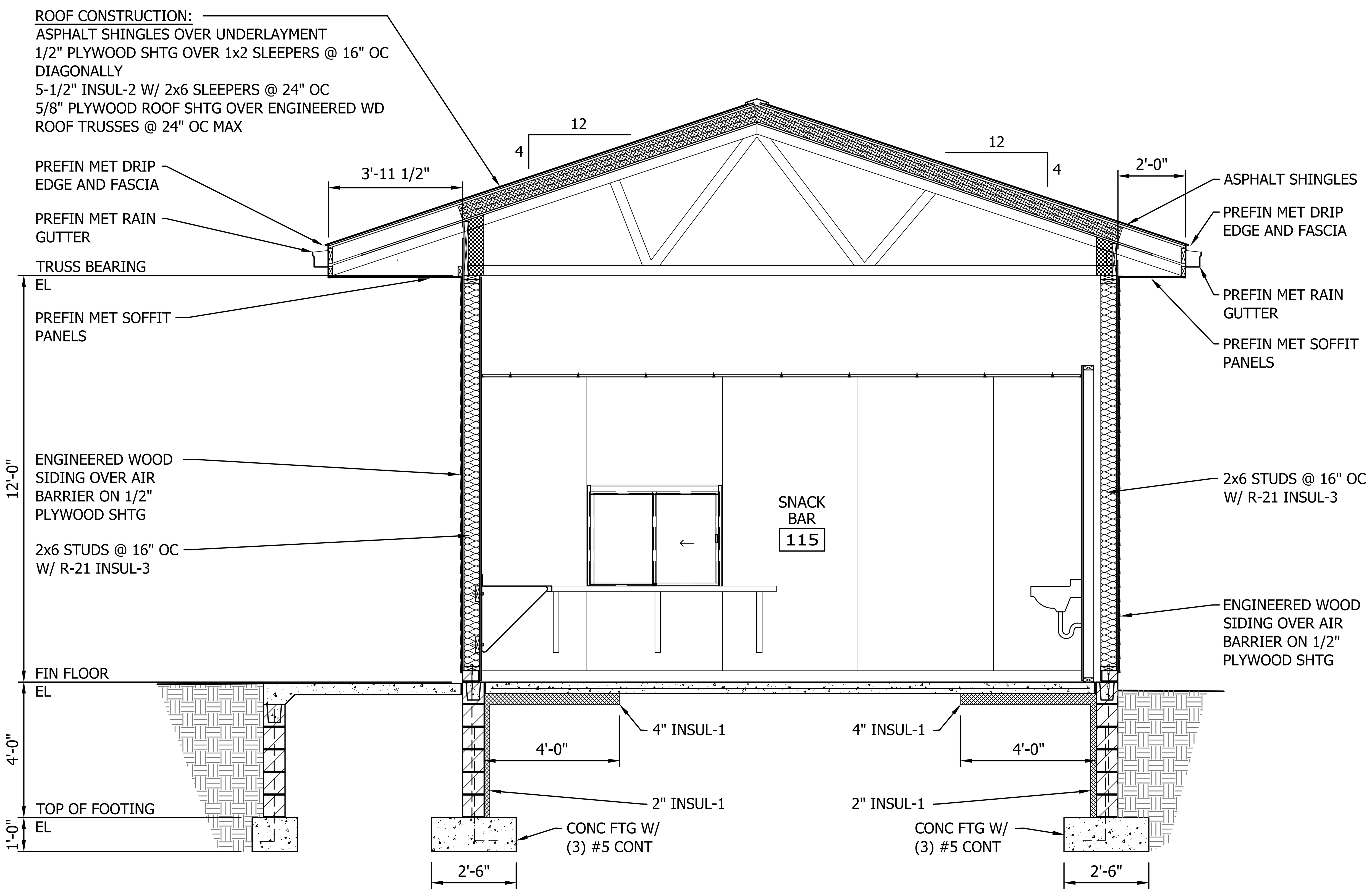
BUILDING SECTION AND DETAILS

NO	REVISION	DATE

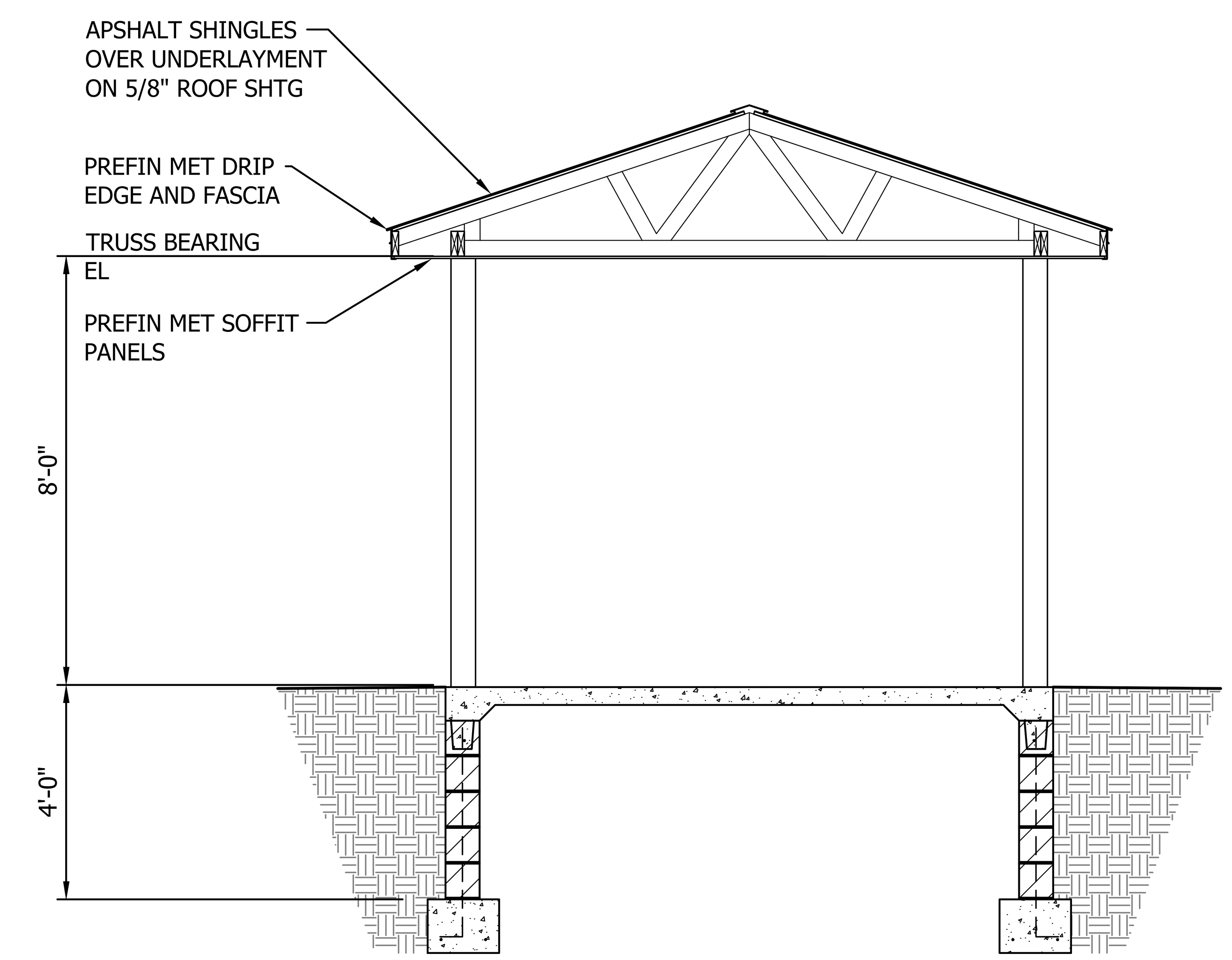
SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
A305

Plot Date: 06/29/2026 - 3:16pm
Drawing name: U:\222702844\d_working_files\96_cad\02-plan sheets\222702844-A305.dwg
Xrefs: 193807324_XSNA, 222702844_BDR



1 BUILDING SECTION
0 1'-6" 3' 6'



2 ENTRANCE CANOPY SECTION
0 1'-6" 3' 6'

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Plot Date: 06/29/2026 - 3:19pm
Drawing name: U:\222702844\d_working_files\96_cad\02-plan sheets\222702844-A306.dwg
Xrefs:, 193807324_XSNA, 222702844_BDR

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SIGNATURE:

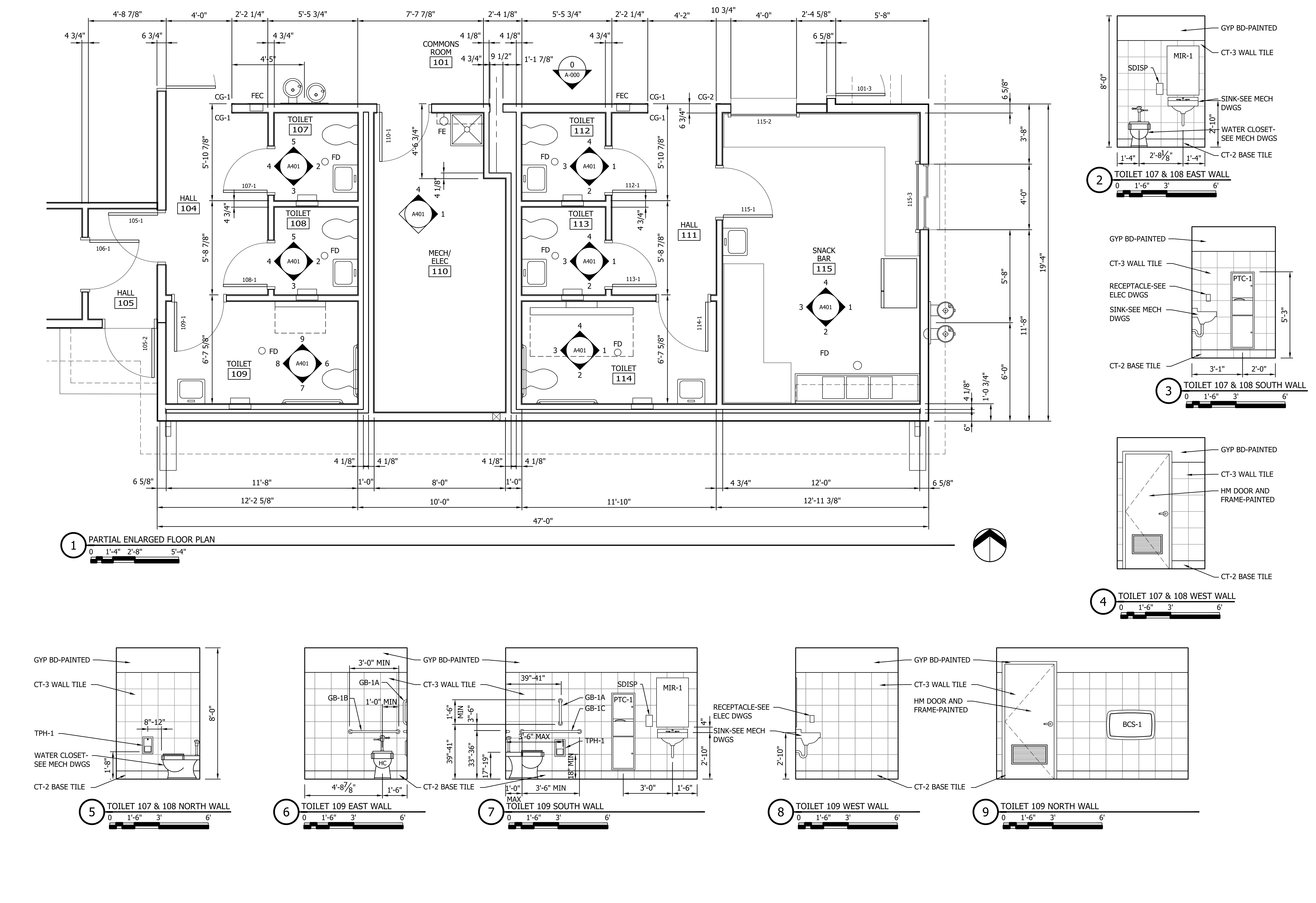
DATE: JULY 1, 2026 LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
BUILDING SECTIONS AND DETAILS

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
A306



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SIGNATURE:
DATE: JULY 1, 2026
LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
PARTIAL ENLARGED FLOOR PLAN AND INTERIOR ELEVATIONS

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
A401

Plot Date: 06/29/2026 - 3:21pm
Drawing name: U:\222702844\d_working_files\96_cad\02-plan sheets\222702844-A401.dwg
Xrefs: 193807324_X1NA, 222702844_BDR

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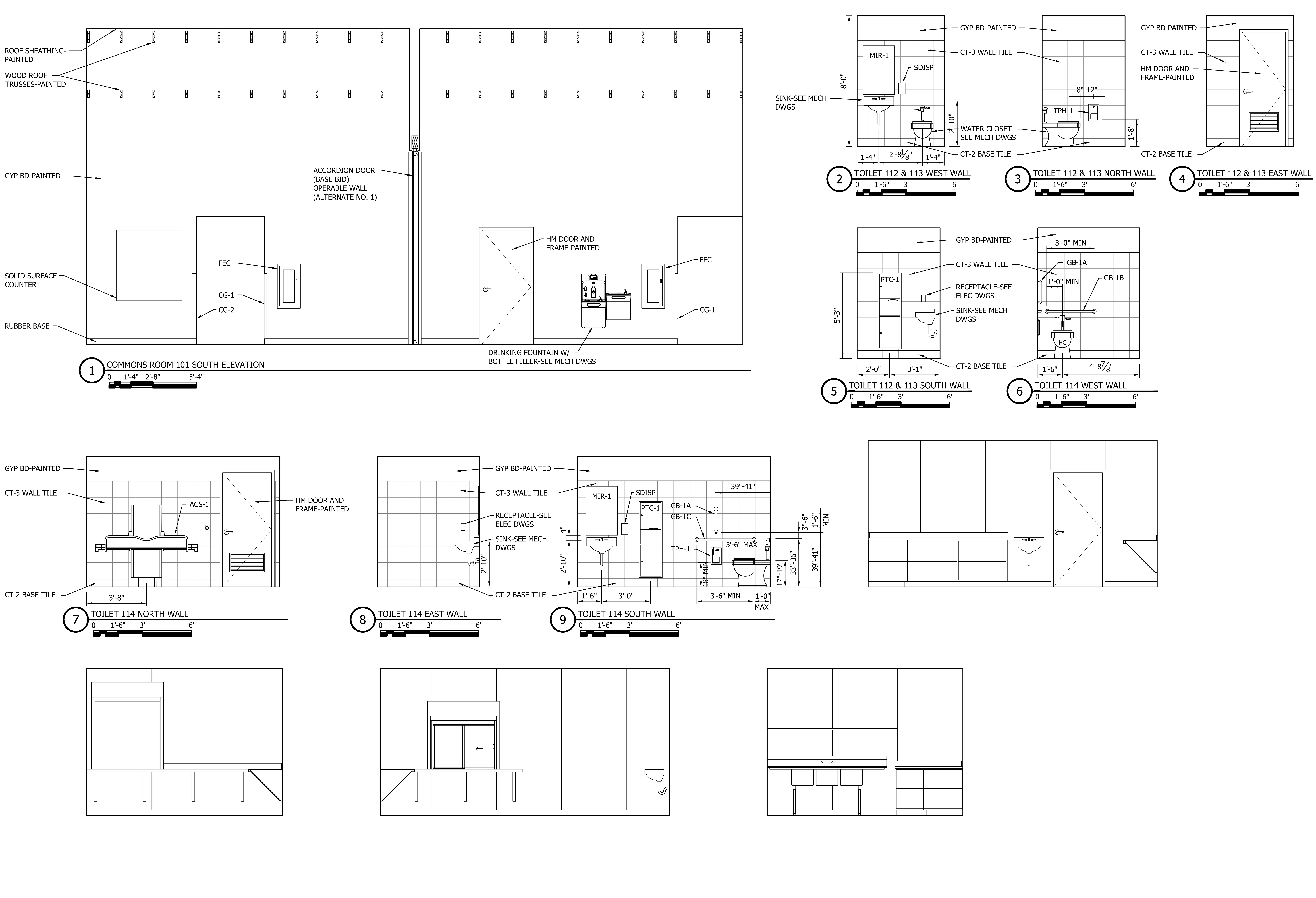

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PRINT NAME: BRUCE P. PAULSON

SIGNATURE:

DATE: JULY 1, 2026 LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA

TERRACE PARK WARMING HOUSE REPLACEMENT

INTERIOR ELEVATIONS

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
A402

Plot Date: 06/29/2026 - 3:22pm
Drawing name: U:\222702844\d_working_files\96_cad\02-plan sheets\222702844-A402.dwg
Xrefs: 193807324_X1NA, 222702844_BDR

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ROOM FINISH SCHEDULE

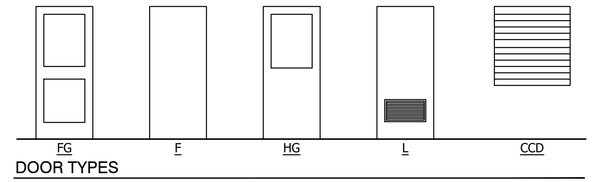
ROOM NO	ROOM NAME	FLOOR		BASE MATL	WALLS								CEILING			NOTES
		MATL	FIN		NORTH MATL	NORTH FIN	SOUTH MATL	SOUTH FIN	EAST MATL	EAST FIN	WEST MATL	WEST FIN	MATL	FIN	HEIGHT	
101	COMMONS ROOM	CONC	VPF	RB	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	WD	WD-1	VARIES	-
102	STORAGE	CONC	SL-1	RB	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-2	12'-0'	-
103	EQUIPMENT STORAGE	CONC	SL-1	RB	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-2	12'-0'	-
104	HALL	CONC	VPF	RB	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	ACT-1	-	8'-0"	-
105	HALL	CONC	VPF	RB	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	ACT-1	-	8'-0"	-
106	SPRINKLER	CONC	SL-1	RB	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-2	12'-0'	-
107	TOILET	CONC	CT-1	CT-2	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	GB-2	8'-0"	-
108	TOILET	CONC	CT-1	CT-2	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	GB-2	8'-0"	-
109	TOILET	CONC	CT-1	CT-2	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	GB-2	8'-0"	-
110	MECH/ ELEC	CONC	SL-1	RB	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-2	12'-0"	-
111	HALL	CONC	VPF	RB	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	GYP BD	GB-1	ACT-1	-	8'-0"	-
112	TOILET	CONC	CT-1	CT-2	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	GB-2	8'-0"	-
113	TOILET	CONC	CT-1	CT-2	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	GB-2	8'-0"	-
114	TOILET	CONC	CT-1	CT-2	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	CT-3/GB-1	GYP BD	GB-2	8'-0"	-
115	SNACK BAR	CONC	SL-2	SL-2*	FRP	-	FRP	-	FRP	-	FRP	-	ACT-2	-	9'-0"	-

DOOR AND FRAME SCHEDULE

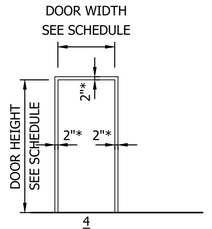
NUMBER	DOOR								FRAME					FIRE RATING	HARDWARE GROUP	NOTES
	SIZE			MATL	TYPE	GLAZ	LOUVER		MATL	TYPE	DETAIL					
	WIDTH	HEIGHT	THICK				WIDTH	HEIGHT			HEAD	JAMB	SILL			
101-1	3'-0"	7'-0"	1 3/4"	ALUM	FG	GL-2	0"	0"	ALUM	1	3/A303	4/A303	5/A303	-	264.1	-
101-2	3'-0"	7'-0"	1 3/4"	ALUM	FG	GL-2	0"	0"	ALUM	1	3/A303	4/A303	5/A303	-	264.1	-
101-3	3'-0"	7'-0"	1 3/4"	HM	HG	GL-2	0"	0"	HM	1	-	-	-	-	164.4	-
102-1	PR 3'-0"	7'-0"	1 3/4"	HM	F	-	0"	0"	HM	1	-	-	-	-	13.5	-
103-1	PR 3'-0"	7'-0"	1 3/4"	HM	F	-	0"	0"	HM	1	-	-	-	-	13.5	-
105-1	3'-0"	7'-0"	1 3/4"	HM	F	-	0"	0"	HM	1	-	-	-	-	61.4	-
105-2	3'-0"	7'-0"	1 3/4"	HM	F	-	0"	0"	HM	1	5/A301	2/A302	3/A302	-	164.2	-
106-1	3'-0"	7'-0"	1 3/4"	HM	F	-	0"	0"	HM	1	-	-	-	-	14.0	-
107-1	2'-8"	7'-0"	1 3/4"	HM	L	-	1'-8"	1'-0"	HM	1	-	-	-	-	12.0	-
108-1	2'-8"	7'-0"	1 3/4"	HM	L	-	1'-8"	1'-0"	HM	1	-	-	-	-	12.0	-
109-1	3'-0"	7'-0"	1 3/4"	HM	L	-	2'-0"	1'-0"	HM	1	-	-	-	-	12.0	-
110-1	3'-0"	7'-0"	1 3/4"	HM	F	-	0"	0"	HM	1	-	-	-	-	14.0	-
112-1	2'-8"	7'-0"	1 3/4"	HM	L	-	1'-8"	1'-0"	HM	1	-	-	-	-	12.0	-
113-1	2'-8"	7'-0"	1 3/4"	HM	L	-	1'-8"	1'-0"	HM	1	-	-	-	-	12.0	-
114-1	3'-0"	7'-0"	1 3/4"	HM	L	-	2'-0"	1'-0"	HM	1	-	-	-	-	12.0	-
115-1	3'-0"	7'-0"	1 3/4"	HM	HG	GL-1	0"	0"	HM	1	-	-	-	-	13.1	-
115-2	4'-0"	5'-0"	1"	ALUM	CCD	-	0"	0"	ALUM	-	-	-	-	-	20.0	-
115-3	4'-0"	5'-0"	1"	ALUM	CCD	-	0"	0"	ALUM	-	-	-	-	-	20.0	-

WINDOW SCHEDULE

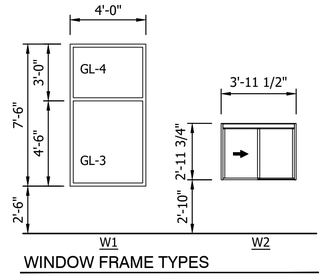
LETTER	FRAME MATL	SIZE		STYLE	GLAZING TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	NOTES
		WIDTH	HEIGHT						
W1	ALUM	4'-0"	7'-6"	FIXED	GL-3, GL-4	4/A302	5,6/A302	7/A302	-
W2	ALUM	3'-11 1/2"	2'-11 3/4"	SLIDING PASS THRU	-	-	-	-	-



DOOR TYPES



DOOR FRAME TYPES



WINDOW FRAME TYPES

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PRINT NAME: BRUCE P. PAULSON

SIGNATURE:

DATE: JULY 1, 2026 LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
SCHEDULES, DOOR AND WINDOW TYPES

NO	REVISION	DATE

SURVEY
DRAWN BPP
DESIGNED BPP
CHECKED
APPROVED
PROJ. NO. 222702844

SHEET NUMBER
A601

Plot Date: 06/29/2026 - 3:27pm
Plotted by: bruce.paulson
Xrefs: 19380724_XTRA_222702844_BDR

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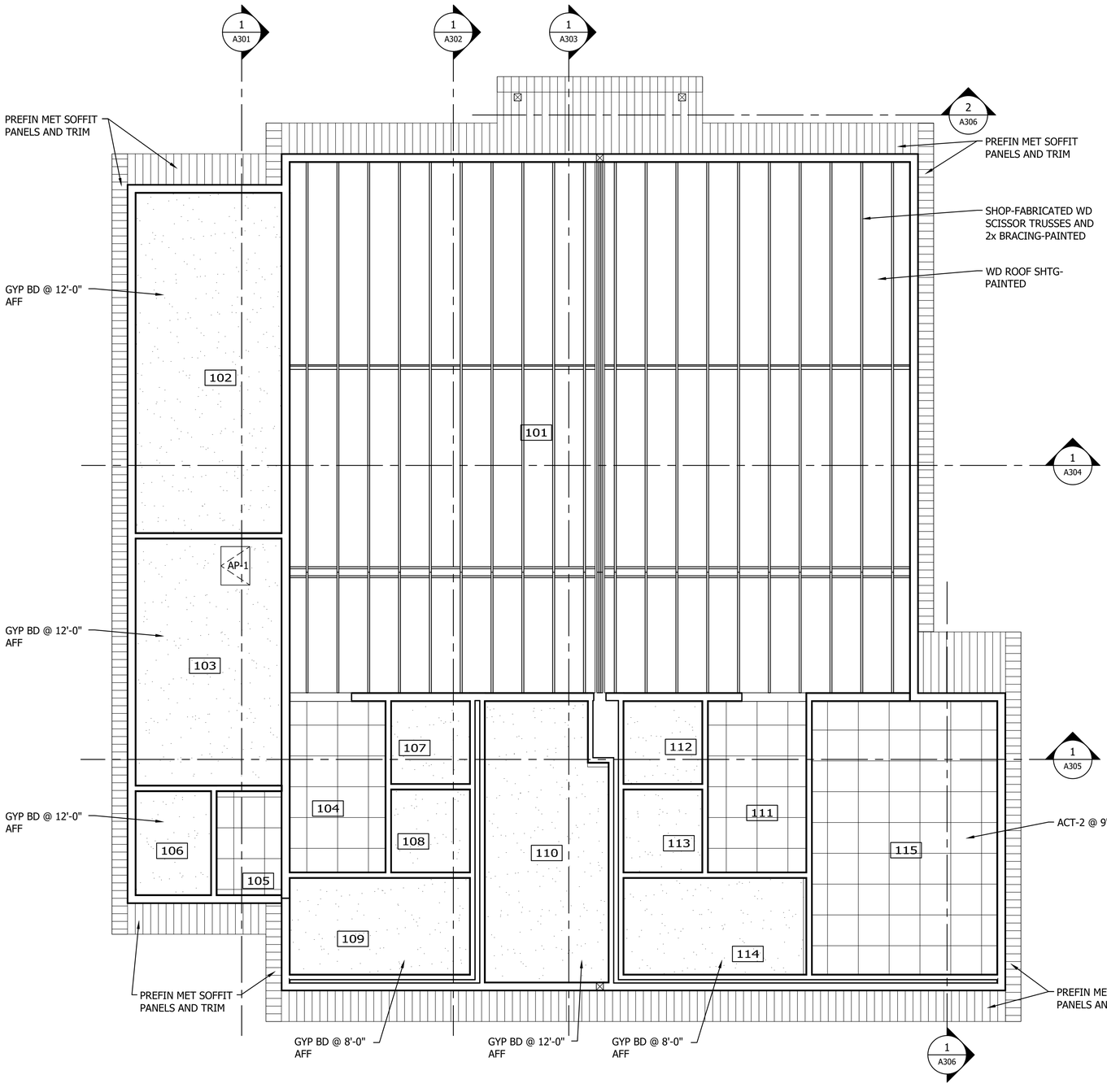

REFLECTED CEILING LEGEND

- LIGHT FIXTURE
- ACT CEILING TILES
- GYP BD CEILING
- LIGHT FIXTURE
- EXIT LIGHT
- ONE-HOUR FIRE RATED WALL
- TWO-HOUR FIRE RATED WALL
- HVAC SUPPLY
- HVAC RETURN
- OS OCCUPANCY SENSOR
- F HEAT DETECTOR
- S SMOKE DETECTOR
- SPRINKLER HEAD

1 REFLECTED CEILING PLAN

0 2' 4' 8'

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PRINT NAME: BRUCE P. PAULSON

SIGNATURE:

DATE: JULY 1, 2026 LIC. NO. 20910

SPRING LAKE PARK, MINNESOTA

TERRACE PARK WARMING HOUSE REPLACEMENT

REFLECTED CEILING PLAN

NO	REVISION	DATE

SURVEY	
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER

A701

Plot Date: 06/29/2026 - 3:28pm
Drawing name: U:\222702844\d_working_files\96_cad\02-plan sheets\222702844-A701.dwg
Xrefs: 193807324_X1NA, 222702844_BDR

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STRUCTURAL NOTES:

GOVERNING CODES:

1.	GENERAL	MN STATE BLDG CODE 2020 IBC 2018
2.	LOADS	ASCE 7-16
3.	CONCRETE	ACI 318-14
4.	STEEL	AISC 360-16
5.	MASONRY	TMS 402/602-16

DESIGN LOADS:

	RISK CATEGORY	II
1.	DEAD LOADS	
	CONCRETE	150 PSF
	8" CMU @ GROUTED 32" OC	48 PSF
	EXTERIOR STUD WALL	12 PSF
	ROOF	15 PSF
	MECHANICAL/ELECTRICAL	5 PSF
2.	LIVE LOADS	
	FLOOR	60 PSF
	ROOF	20 PSF
3.	SNOW LOAD (S)	
	P_g	50 PSF
	C_e	1.0
	I	1.1
	DRIFTING	SEE DRAWINGS
4.	WIND LOAD (W)	
	BASIC WIND SPEED, V	109 MPH (3 SECOND GUST)
	I	1.0
	EXPOSURE	C
	K_{ZT}	1.0
5.	NET ALLOWABLE SOIL BEARING PRESSURE	2,000 PSF

MATERIALS:

1.	CONCRETE	4,000 PSI AT 28 DAYS, TYPE I
2.	REINFORCEMENT BARS	ASTM A615, GRADE 60
3.	MASONRY	
	CONCRETE MASONRY UNITS	ASTM C90 2,000 PSI COMP. STRENGTH
	JOINT REINFORCEMENT	LADDER TYPE, NO. 9 WIRE ASTM A153, CLASS B2 GALV.
	MORTAR	ASTM C270, TYPE S
	GROUT	ASTM C476, 3,000 PSI COMPRESSIVE STRENGTH
4.	RETAINED FILL	CLEAN AGGREGATE, NO ORGANICS, 100% PASSING 2" SIEVE
5.	STRUCTURAL FILL	MEETS GRADATION REQUIREMENTS OF MNDOT 3149.2.D

SLAB CONSTRUCTION NOTES:

1. PROVIDE 4" THICK CONCRETE SLAB WITH #3 @ 12" O.C. E.W. AT BUILDING INTERIOR UNLESS OTHERWISE NOTED.
2. PROVIDE 6" THICK CONCRETE SLAB WITH #4 @ 12" O.C. E.W. AT GARAGE SLABS UNLESS OTHERWISE NOTED.
3. TOOL AND CAULK CONTROL JOINTS IN ALL INTERIOR SLABS ON GRADE AT 12 FEET MAXIMUM SPACING. SEE DETAIL 2/S501.
4. JOINTED SLAB PANEL LENGTH TO WIDTH RATIOS SHALL NOT EXCEED 1.5 : 1.0.
5. PROVIDE THICKENED SLAB AT TRENCH DRAIN. SEE DETAIL 10/S501.

CONSTRUCTION NOTES:

1. EXCAVATION
   A. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TEMPORARY SHORING AND BRACING NECESSARY TO PROTECT PERSONNEL AND PROPERTY FROM INJURY OR DAMAGE DURING CONSTRUCTION OPERATION.
2. CONCRETE
   A. LAP SPLICES AND 90 DEGREE END HOOKS SHALL BE AS SHOWN IN THE FOLLOWING TABLE UNLESS NOTED.

REINF BAR SIZE	SLAB, WALL, COLUMN		BEAMS		90 DEG END HOOK
	BAR LAP	TOP BAR *	BAR LAP	TOP BAR *	
#3	19 IN	24 IN	28 IN	36 IN	6 IN
#4	25 IN	32 IN	37 IN	48 IN	8 IN
#5	31 IN	40 IN	46 IN	60 IN	10 IN
#6	37 IN	48 IN	56 IN	72 IN	12 IN
#7	54 IN	70 IN	81 IN	105 IN	14 IN
#8	62 IN	80 IN	93 IN	120 IN	16 IN
#9	70 IN	90 IN	104 IN	135 IN	19 IN

* TOP BAR LAP SPLICES ARE HORIZONTAL REINFORCEMENT PLACED SUCH THAT MORE THAN 12 IN. OF CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.

   B. REINFORCING BARS SHALL HAVE THE FOLLOWING CONC. COVER UNLESS NOTED.
      1. CONCRETE CAST AGAINST EARTH — 3"
      2. TIPPING FLOOR, DRIVE LANES, DEMO, MSW AREA WALLS AND SLABS — 2"
      3. WALLS, PIERS AND ALL OTHER CONCRETE EXPOSED TO WEATHER OR WATER — 3/4"
   C. CONCRETE SHALL BE PLACED WITHOUT CONSTRUCTION JOINTS EXCEPT WHERE SPECIFICALLY SHOWN ON THE DRAWINGS OR AS APPROVED BY THE ENGINEER.
   D. BEVEL ALL EXPOSED CORNERS OF CONCRETE 3/4" x 3/4".
   E. VERIFY SIZE AND LOCATION OF ALL NEW EQUIPMENT BASES AND OPENINGS.
   F. PROVIDE EMBED PLATE ARMORING WHERE INDICATED.
   G. PROVIDE STANDARD CONCRETE DETAILS SHOWN ON THE DRAWING UNLESS NOTED.

FOUNDATION NOTES:

1. ALL TOPSOIL, FILL, ORGANIC AND/OR BLACK CLAYEY SOIL SHALL BE REMOVED BELOW THE FOOTINGS AND/OR BUILDING AREA TO THE DEPTHS INDICATED IN THE GEOTECHNICAL REPORT. EXTENT OF REMOVAL SHALL BE VERIFIED BY THE GEOTECHNICAL ENGINEER.
2. COMPACT ACCEPTABLE SUBGRADE SOILS TO A MINIMUM 100% STANDARD PROCTOR DENSITY ±3% MOISTURE CONTENT PRIOR TO PLACEMENT OF STRUCTURAL FILL.
3. PLACE AND COMPACT 1'-0" THICK IMPORTED STRUCTURAL FILL OR SUITABLE ONSITE MATERIAL UNDER ALL NEW FOUNDATIONS AND INTERIOR SLABS. PLACE IN MAX 8" HIGH LIFTS AND COMPACT TO MIN 100% PROCTOR DENSITY, ±2% MOISTURE CONTENT.
4. PROVIDE EMBEDDED DOWELS IN FOOTINGS TO MATCH ALL VERTICAL WALL REINFORCING U.N.O. SECURELY TIE DOWELS PRIOR TO PLACING CONCRETE.
5. ELEVATIONS OF TOPS OF FOOTINGS VARIES. SEE PLAN.
6. DROP FOOTING BELOW ALL UNDER FLOOR PIPES.
7. VERIFY ASSUMED EQUIPMENT LOADS, DIMENSIONS AND FOUNDATION CONFIGURATION WITH EQUIPMENT MANUFACTURER.

MASONRY WALL CONSTRUCTION NOTES:

1. CONCRETE BLOCK SHALL BE LAID IN RUNNING BOND UNLESS NOTED.
2. PROVIDE OPEN-CORE STYLE CMU FOR ALL MASONRY WALLS.
3. PROVIDE BULLNOSED CMU FOR ALL EXPOSED MASONRY WALL CORNERS.
4. PROVIDE VERTICAL #5 @ 32" SPACING IN ALL MASONRY WALLS UNLESS NOTED.
5. GROUT FULL ALL CMU CORES CONTAINING VERTICAL REINFORCEMENT.
6. INSTALL HORIZONTAL JOINT REINFORCING IN EVERY OTHER COURSE.
7. PROVIDE MASONRY EXPANSION JOINT DETAIL 12/S501 WHERE INDICATED THUS.
8. PROVIDE MASONRY CONTROL JOINT DETAIL 13/S501 WHERE INDICATED THUS, OR AT A SPACING OF NO GREATER THAN 20 FEET.
9. TOOL ALL MASONRY JOINTS CONCAVE.
10. SEE DETAILS 15, 18-20/S501 FOR MASONRY LINTEL INFORMATION.
11. PROVIDE STEEL BEARING PLATES, 3/8" x 8" x 10" W/ (2)-1/2" Ø x 4" HEADED STUDS FOR ALL STEEL BEARING ON MASONRY. GROUT CORE BELOW BEARING FULL.

WOOD FRAME CONSTRUCTION:

1. ALL SOLID SAWN LUMBER SHALL BE MSR SPRUCE-PINE-FIR (SPF) NO 2.
2. FOR WOOD SHEAR WALLS, PROVIDE 1/2" PLYWOOD SHEATHING W/ 10d NAILS @ 6" O.C. AT ALL PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
3. PROVIDE PANEL CLIPS FOR ALL PLYWOOD APPLICATIONS.
4. FOR OTHER FASTENING NOT CALLED OUT, REFER TO IBC FOR MINIMUM FASTENING REQUIREMENTS.

PREFABRICATED WOOD TRUSS FRAMING:

1. ERECT ALL TRUSSES STRAIGHT, PLUMB AND IN PROPER ALIGNMENT AND SPACING.
2. TEMPORARY ROOF TRUSS BRACING DURING ERECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. PROVIDE PERMANENT ROOF TRUSS BRACING WITH CONTINUOUS OR LAP-SPLICED 2x4 MEMBERS, ATTACHED WITH (2) 16d NAILS AT EACH TRUSS LOCATION, AS FOLLOWS:
   A. DIAGONAL CROSS BRACING, AT OR NEAR A 45 DEGREE ANGLE IN THE PLANE OF THE TRUSS TOP CHORDS. ALTERNATE BRACING DIRECTION.
   B. DIAGONAL CROSS BRACING, AT OR NEAR A 45 DEGREE ANGLE IN THE PLANE OF THE TRUSS BOTTOM CHORDS. ALTERNATE BRACING DIRECTION.
   C. PERPENDICULAR TO TRUSS WEB MEMBERS AS SHOWN ON TRUSS SHOP DRAWINGS. EACH PERPENDICULAR BRACE MUST BE ANCHORED TO AN END WALL OR DIAGONAL BRACE IN PLANE OF WEB MEMBERS.
4. PROVIDE 1/2" PLYWOOD ROOF DECK WITH 10d NAILS @ 6" OC AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. PROVIDE PANEL CLIPS FOR ALL PLYWOOD APPLICATIONS.
5. ALL ROOF TRUSSES SHALL BE CONNECTED TO DOUBLE TOP PLATE WITH SIMPSON H10A TIES OR APPROVED EQUAL.
6. APPLIED TRUSS LOADS: SEE SPECIFICATION

REQUIRED SPECIAL INSPECTIONS

DESCRIPTION OF WORK IBC SECTION 1704	INSPECTION YES	INSPECTION NO	TESTING YES	TESTING NO	N/A	REMARKS
1. CONCRETE	●		●			
2. BOLTS INSTALLED IN CONCRETE	●			●		
3. DUCTILE MOMENT-RES CONCRETE FRAME					●	
4. REINF STEEL AND PRESTRESSING STEEL					●	
5. WELDING					●	
6. HIGH-STRENGTH BOLTING					●	
7. STRUCTURAL MASONRY	●		●			
8. REINFORCED GYPSUM CONC					●	
9. INSULATING-CONCRETE FILL					●	
10. SPRAY-APPLIED FIREPROOFING					●	
11. PILING, DRILLED PIERS AND CAISSONS					●	
12. SHOTCRETE					●	
13. SPECIAL GRADING EXC AND FILLING	●		●			
14. WOOD	●			●		
15. SPECIAL CASES				●		

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PRINT NAME: BRIAN G. BELLEMARE
SIGNATURE:
DATE: JULY 1, 2026
LIC. NO. 50378

SPRING LAKE PARK, MINNESOTA
TERRACE PARK WARMING HOUSE REPLACEMENT
STRUCTURAL NOTES

NO	REVISION	DATE

SURVEY	
DRAWN	BGB
DESIGNED	BGB
CHECKED	
APPROVED	
PROJ. NO.	222702844

SHEET NUMBER
S001

Plot Date: 06/29/2026 - 3:30pm
Plotted By: brian.bellemare
Xrefs: 222702844 R26

Plot Date: 06/29/2026 - 3:30pm
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Xrefs:, 222702844_X0NS, 222702844_BDR

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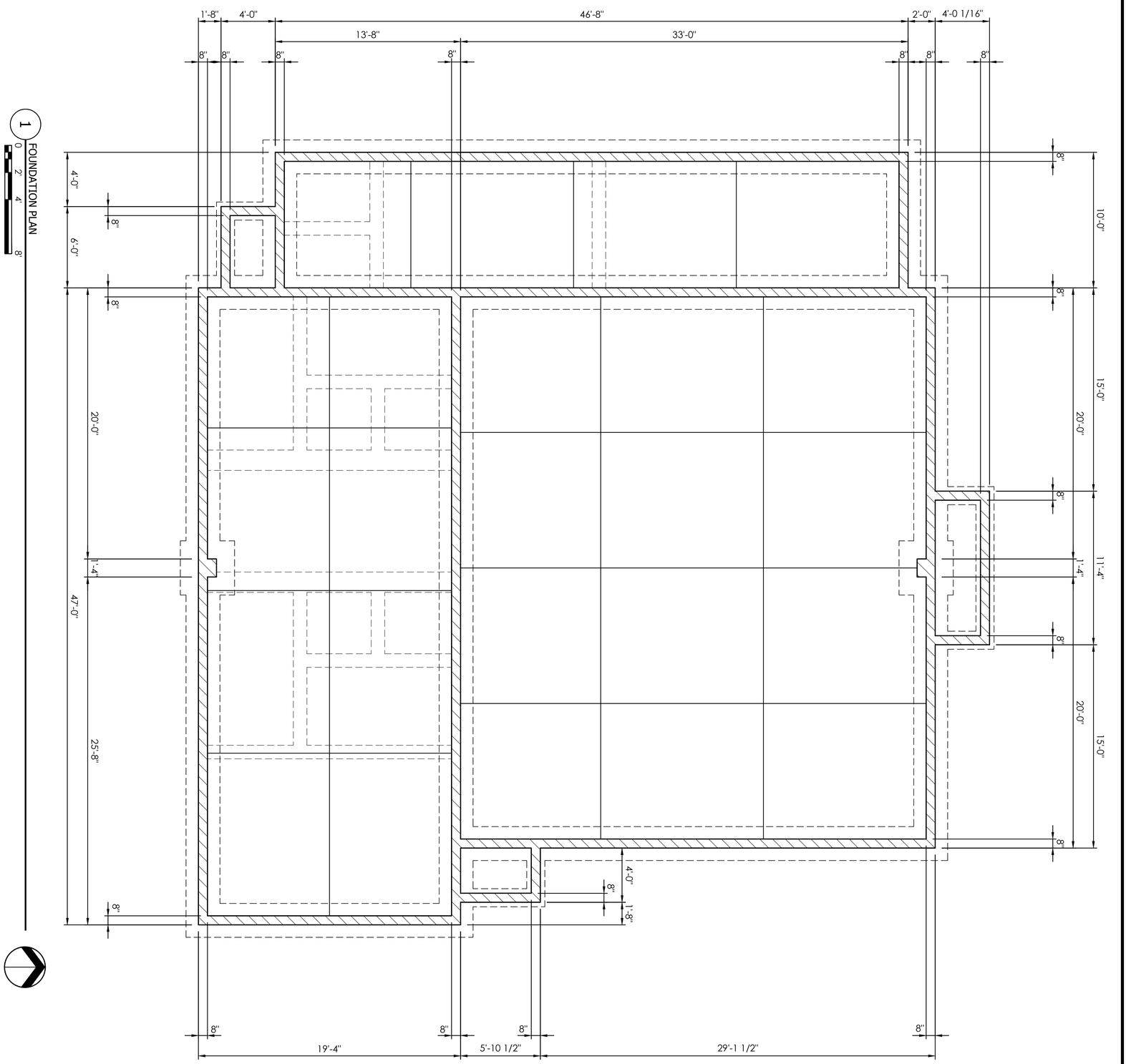
1 FOUNDATION PLAN
0 2' 4' 8'



S101

SURVEY	
DRAWN	BPP
DESIGNED	BGB
CHECKED	BGB
APPROVED	
PROJ. NO.	222702844
SHEET NUMBER	

NO	REVISION	DATE

SPRING LAKE PARK, MINNESOTA

TERRACE PARK WARMING HOUSE REPLACEMENT

FOUNDATION PLAN

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DATE: JULY 1, 2026 LIC. NO. 50378

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Plot Date: 06/29/2026 - 3:31pm
Drawing name: U:\222702844\d_working_files\96_cad\02-plan sheets\222702844-S201.dwg
Xrefs:, 222702844_XLRNS, 222702844_BDR, 222702844_XHRNS

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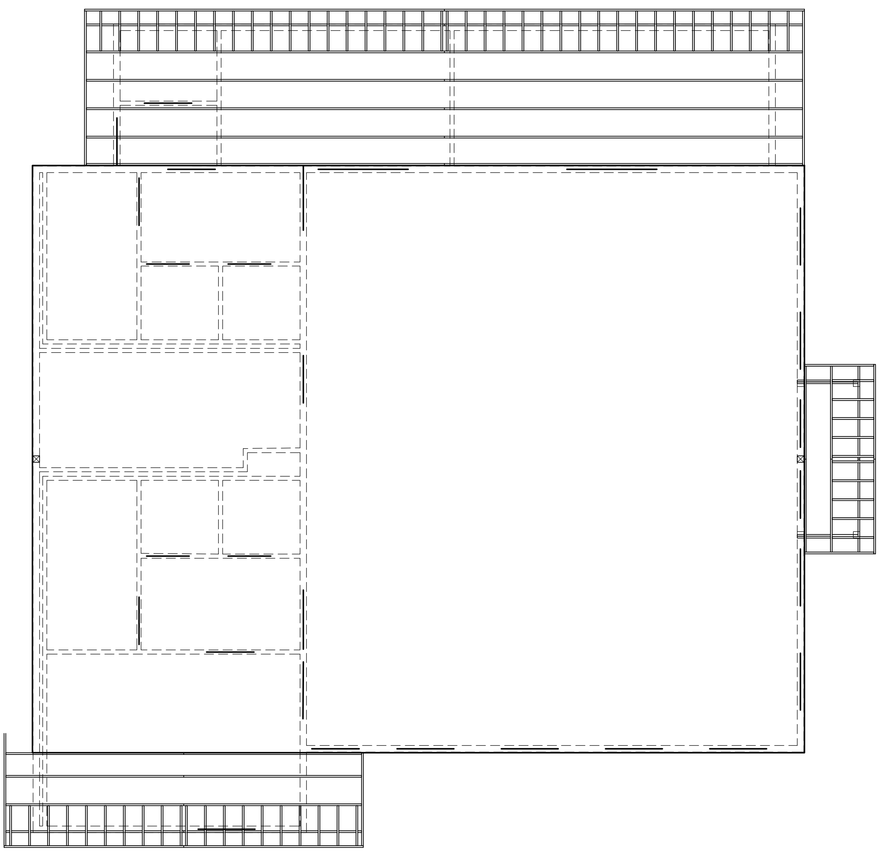
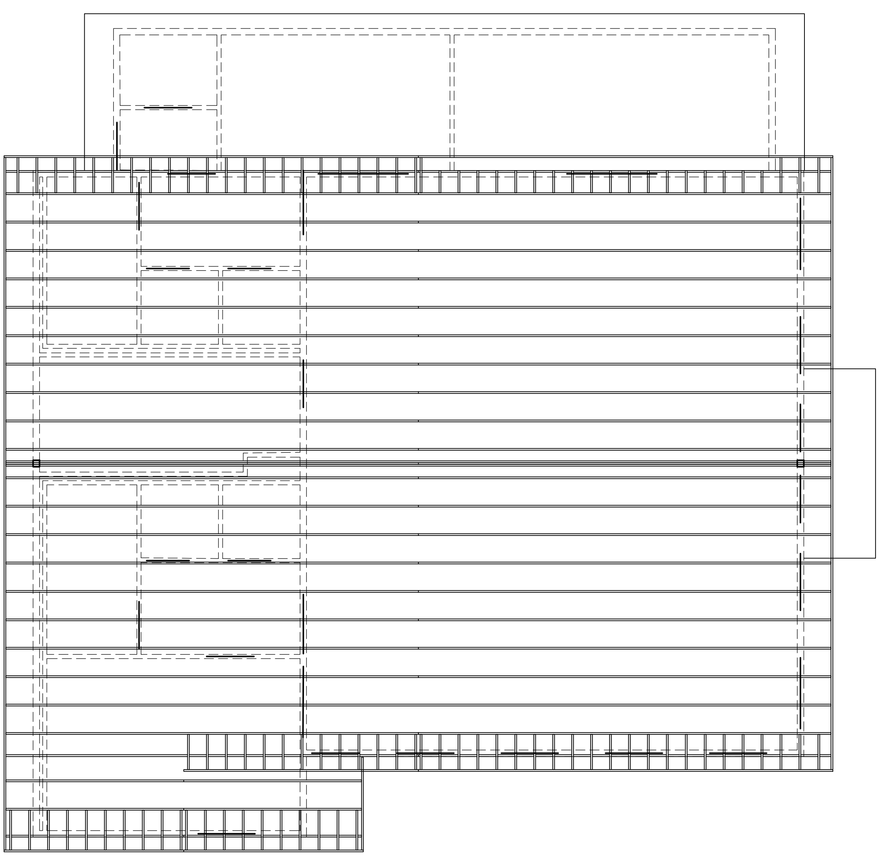
1 LOW ROOF FRAMING PLAN

0 3' 6' 12'



2 HIGH ROOF FRAMING PLAN

0 3' 6' 12'



S201

SHEET NUMBER

PROJ. NO. 222702844
APPROVED
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SURVEY

NO REVISION DATE

SPRING LAKE PARK, MINNESOTA

TERRACE PARK WARMING HOUSE REPLACEMENT

ROOF PLANS

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