TOWN OF RAVENEL
REQUEST FOR PROPOSALS

RAVENEL HALL & BALL FIELD PARK IMPROVEMENTS

ADDENDUM 01

Addendum Date: May 19, 2023

This Addendum shall be considered part of the bid documents for the above-mentioned project as thought it had been issued at the same time and shall be incorporated integrally therewith. Where provision of the following supplementary data differ from those of the original bid documents, this Addendum shall govern and take precedence.

BIDDERS MUST SIGN THE ADDENDUM AND SUBMIT IT WITH THEIR BIDS.

Proposers hereby notified that they shall make any necessary adjustments in their estimates as a result of this Addendum. It will be construed that each bidders's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

DUE DATE / TIME: The bidding due date and time have been extended. Proposals are now due: Friday, June 9, 2023 @ 2:00pm

Proposals received later then the 2:00pm shall be considered "LATE PROPOSALS."

BID OPENING will now be: Friday, June 9, 2023 @ 2:00pm

Except as below, the original bid document remains unchanged. The bid documents are modified and/or clarified as follows:

Please see entire Architectural Package: Additions/Revisions and Changes affect the following drawings:

- **G0.01**
- **D1.01**
- **A1.01**
- **A1.03**
- **A2.01**
- **A3.01**
- **A6.01**

BIDDERS MUST ACKNOWLEDGE THIS ADDENDUM BY SIGNING BELOW AND ATTACHING THE SIGNED ADDENDUM TO THE BID FORM(s):

Company Name: _____

Contact Person: _____

Signature: _____

Date: _____

RAVENEL COMMUNITY HALL ADD & CONCESSIONS BLDG

BIDDING DOCUMENTS

5701 CONNERS STREET
RAVENEL, SC 29470

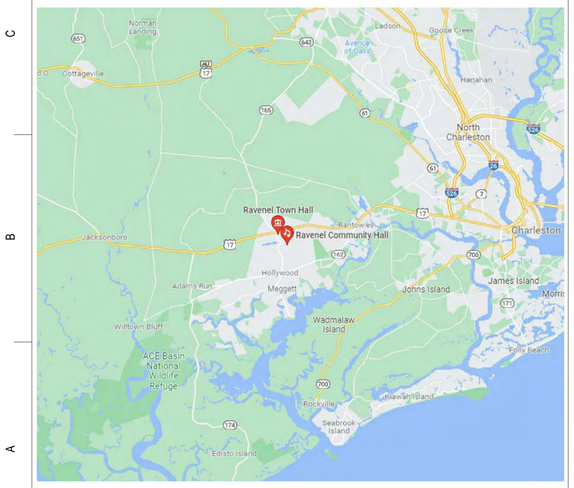
APRIL 19, 2023

SHEET INDEX

MPE ENGINEERING DRAWINGS FORTHCOMING

DRAFT STRUCTURAL DRAWINGS INCLUDED IN ADDENDUM #1

CONTEXT MAP



SITE MAP

JOB TEAM

OWNER

TOWN OF RAVENEL
5962 HWY 165, SUITE 100
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STATE OF SOUTH CAROLINA — REGISTERED ARCHITECTS — NOT FOR CONSTRUCTION

RAVENEL COMMUNITY HALL ADD & CONCESSIONS BLDG
5701 CONNERS STREET
RAVENEL, SC 29470

#	DESCRIPTION	DATE
1	ADDENDUM #1	5/19/23

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BIDDING DOCUMENTS

COVER SHEET

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	JPR

G0.01

5/19/2023 1:31:10 PM

CODE ANALYSIS & LIFESAFETY MATRIX PER PROJECT

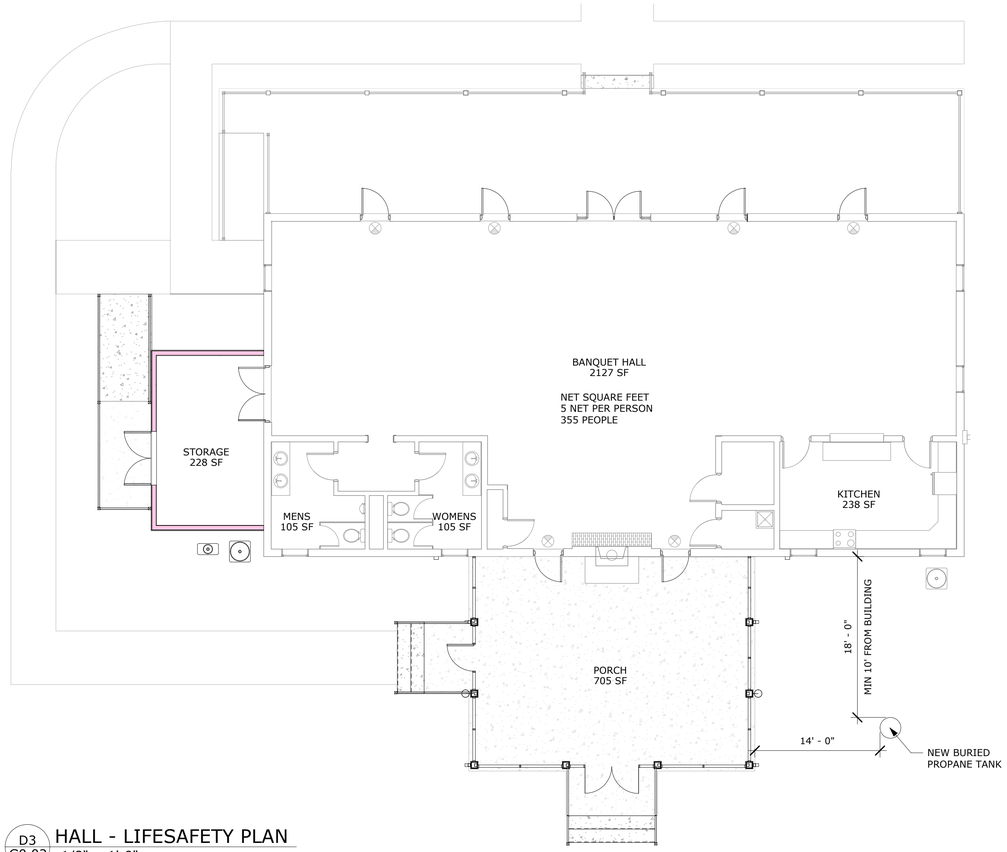
COMMUNITY HALL BUILDING PROJECT DESCRIPTION

THIS PROJECT IS A STORAGE ADDITION TO AN EXISTING HALL FOR THE USE OF THEIR CHAIRS AND TABLE SETS. THERE IS ALSO A SCREENED PORCH ADDITION TO THE REAR TO EXPAND THE USE OF THEIR EVENT SPACE. THERE IS NO CHANGE IN EXISTING EXITING/ EGRESS NUMBER OR BATHROOM FIXTURES. PATRONS OF THIS EVENT SPACE MAY ALSO UTILIZE THE NEW CONCESSIONS/BATHROOM BUILDING IF NEED ARISES FOR AN INCREASED NUMBER OF RESTROOM FIXTURES. BUILDING IS NOT EQUIPPED WITH A FIRE SUPPRESSION SYSTEM.

PLUMBING FIXTURE COUNT - IBC CHAPTER 29 - BANQUET HALL*

1 FIXTURE PER 75
OCCUPANCY OF BUILDING, BASED ON PLUMBING AND SPRINKLER REQUIREMENTS, IS 300

***ALL PLUMBING FIXTURES ARE EXISTING TO REMAIN**



D3 / G0.02 HALL - LIFESAFETY PLAN
1/8" = 1'-0"

CONCESSIONS BUILDING PROJECT DESCRIPTION

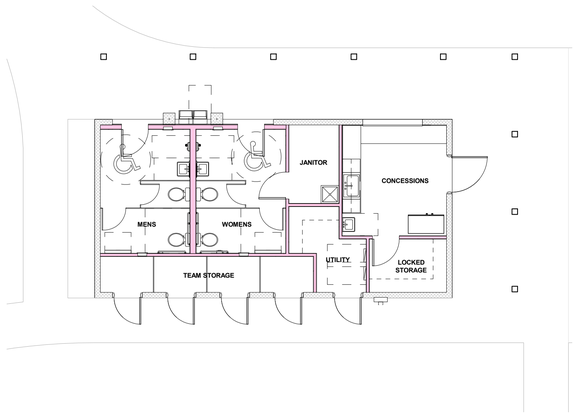
THIS PROJECT IS A NEW CMU BLOCK MASONRY AND WOOD TRUSS BUILDING TO HOUSE STORAGE, CONCESSIONS, AND RESTROOM FACILITIES FOR THE BALLFIELD AND SURROUNDING PARK AREAS. IT IS TYPE V COMBUSTIBLE CONSTRUCTION. THE STORAGE WILL BE FOR NON HAZARDOUS BASEBALL EQUIPMENT. SOME CONCESSION STORAGE WILL ALSO BE INCLUDED. BUILDING IS NOT EQUIPPED WITH A FIRE SUPPRESSION SYSTEM.

PLUMBING FIXTURE COUNT - IBC CHAPTER 29 - OUTDOOR SPORTING EVENTS

1 FIXTURE PER 75 MALE (FOR THE FIRST 1,500)
1 FIXTURE PER 40 FEMALE (FOR THE FIRST 1,520)
OCCUPANCY OF BALLFIELD, BASED ON PLUMBING, IS 230

TOTAL TOILETS	DRINKING FOUNTAINS
REQUIRED 4	REQUIRED 2
PROVIDED 4	PROVIDED 2

TOTAL SINKS	SERVICE SINK
REQUIRED 2	REQUIRED 1
PROVIDED 3	PROVIDED 1



A3 / G0.02 CONCESSIONS - LIFESAFETY
1/8" = 1'-0"

GENERAL CODE INFORMATION

APPLICABLE BUILDING CODES

2021 SOUTH CAROLINA BUILDING CODE
2021 SOUTH CAROLINA FIRE CODE
2021 SOUTH CAROLINA PLUMBING CODE
2021 SOUTH CAROLINA MECHANICAL CODE
2021 SOUTH CAROLINA FUEL GAS CODE
2009 INTERNATIONAL ENERGY CONSERVATION CODE
2017 NATIONAL ELECTRICAL CODE

LIFESAFETY LEGEND

- 1 HOUR RATED WALL
- 2 HOUR RATED WALL
- 3 HOUR RATED WALL
- EXIT ACCESS TRAVEL DISTANCE
- EXIT SIGN
- FEC - FIRE EXTINGUISHER CABINET

HALL BUILDING - PARTIAL CODE REQUIREMENTS**

ITEM	CODE SECTION	DESCRIPTION
OCCUPANCY:	303	ASSEMBLY, GROUP A3 - COMMUNITY HALL
BUILDING HEIGHT IN FEET:	TABLE 504.3 GROUP A:	ALLOWABLE: 40'-0" **ACTUAL: 18'-0"**
BUILDING STORIES:	TABLE 504.4 GROUP A3:	ALLOWABLE: ONE STORY **ACTUAL: ONE STORY**
BUILDING AREA:	TABLE 506.2 GROUP A3:	ALLOWABLE: 6,000 GSF *EXISTING: 3,000 GSF* *ADDITION: 1,018 GSF* **TOTAL: 4,018 GSF**
NON-SEPARATED OCCUPANCY	508.3.2	MOST RESTRICTIVE APPLIES TO ENTIRE BUILDING
SEPARATION REQUIREMENTS	TABLE 508.4	NONE REQUIRED
FIRE-RESISTANCE RATING REQUIREMENTS	TABLE 601	NONE REQUIRED
CONSTRUCTION TYPE:	602.2	TYPE VB
SPRINKLER NOTES:	903.2	EXISTING BUILDING NOT SPRINKLERED, BUT NOT REQUIRED - MAX OCCUPANCY IS 300
OCCUPANT LOAD	TABLE 1004.1.1	ASSEMBLY AREAS - MAX 300 PER BELOW
	TOTAL	300 MAX TOTAL OCCUPANTS FOR PLUMBING & SPRINKLER REQUIREMENTS
EXIT ACCESS TRAVEL DISTANCE:	TABLE 1017.2	200'-0" ALLOWABLE
ACCESSIBILITY:		PROVIDED ACCORDING TO IBC CHAPTER 11 REQUIREMENTS AND ANSI A117 2017

CONCESSIONS BLDG - PARTIAL CODE REQUIREMENTS**

ITEM	CODE SECTION	DESCRIPTION
OCCUPANCY:	304 311	BUSINESS, GROUP B - CONCESSIONS & RESTROOMS STORAGE, GROUP S1 - LEATHER & FOOD PRODUCTS*
BUILDING HEIGHT IN FEET:	TABLE 504.3 GROUP B/S:	ALLOWABLE: 40'-0" **ACTUAL: 16'-0"**
BUILDING STORIES:	TABLE 504.4 GROUP S1*:	ALLOWABLE: ONE STORY **ACTUAL: ONE STORY**
BUILDING AREA:	TABLE 506.2 GROUP B/S1*:	ALLOWABLE: 9,000 GSF **ACTUAL: 800 GSF**
NON-SEPARATED OCCUPANCY	508.3.2	MOST RESTRICTIVE APPLIES TO ENTIRE BUILDING ***MOST RESTRICTIVE IS S1**
SEPARATION REQUIREMENTS	TABLE 508.4	NONE REQUIRED
FIRE-RESISTANCE RATING REQUIREMENTS	TABLE 601	NONE REQUIRED
CONSTRUCTION TYPE:	602.5	TYPE VB
SPRINKLER NOTES:	903.2	NOT REQUIRED
OCCUPANT LOAD	TABLE 1004.1.1	800/150 = 6 PEOPLE
EXIT ACCESS TRAVEL DISTANCE:	TABLE 1017.2	200'-0" ALLOWABLE
ACCESSIBILITY:		PROVIDED ACCORDING TO IBC CHAPTER 11 REQUIREMENTS AND ANSI A117 2017

** THE ABOVE MATRICES IS NOT INTENDED TO ENCOMPASS ALL THE CODES AND RESTRICTIONS SET FORTH BY THE INTERNATIONAL BUILDING CODE, 2021 EDITION. IT IS INTENDED TO LIST THE APPLICABLE PERTINENT INFORMATION, AND DOES NOT OVERRIDE LIMITATIONS SET FORTH BY ANY CHAPTERS OR SECTIONS OF THE IBC 2021.

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RAVENEL COMMUNITY HALL ADD & CONCESSIONS BLDG
5701 CONNERS STREET
RAVENEL, SC 29470

#	DESCRIPTION	DATE

☐ APPROVED FOR CONSTRUCTION

BIDDING DOCUMENTS

CODE ANALYSIS, LIFESAFETY FLOOR PLAN

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	JPR

G0.02

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MATERIAL LEGEND

(NOT ALL MATERIALS APPLICABLE)

PLAN AND SECTION

- EARTH
- POROUS FILL (STONE OR GRAVEL)
- ROCK
- LIGHTWEIGHT CONCRETE (OR CONCRETE FILL)
- STRUCTURAL CONCRETE (CAST IN PLACE, ETC.)
- BRICK (COMMON OR FACE)
- CONC. MASONRY UNITS (C.M.U.)
- PLASTER, CEMENT, SAND, GROUT
- STEEL, IRON
- ALUMINUM
- WOOD (FINISH)
- WOOD (ROUGH)
- WOOD BLOCKING
- PLYWOOD
- SPRAY-ON FIREPROOFING
- BATT/LOOSE FILL INSULATION
- RIGID INSULATION
- ACOUSTICAL TILE
- GYPSUM WALLBOARD
- CARPET AND PAD

ELEVATION

- BRICK
- CERAMIC TILE
- CONCRETE / PLASTER / STUCCO
- GLASS
- SHINGLES/SIDING

ABBREVIATIONS LEGEND

ABBREVIATIONS WHEN USED IN COMPOSITION MAY INCLUDE PERIODS FOR CLARIFICATION

ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BLDG	BUILDING
BOT	BOTTOM
CCTV	CLOSED CIRCUIT TELEVISION
CG	CORNER GUARD
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
COORD	COORDINATE
CORR	CORRIDOR
CT	CERAMIC TILE
CTR	CENTER
DEG	DEGREE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXT	EXTERIOR
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FLR	FLOOR
FP	FIRE PROTECTION
FT	FOOT
FTG	FOOTING
FURR	FURRING
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GFRC	GLASS FIRE REINFORCED CONCRETE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HC	HANDICAPPED
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCHES
INCL	INCLUDED
INT	INTERIOR
JAN	JANITOR
JT	JOINT
L	LONG, LENGTH
LAM	LAMINATE
LBS	POUNDS
LF	LINEAR FOOT
LH	LEFT HAND
LVL	LEVEL
MAINT	MAINTENANCE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	METAL BUILDING
MECH	MECHANICAL
MEZZ	MEZZANINE
MPE	MECHANICAL, PLUMBING, ELECTRICAL
MFG	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MTG	MEETING
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O/O	OUT TO OUT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OH	OVERHEAD
OPP	OPPOSITE
PERF	PERFORATED
PL	PLATE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PNT	PAINT
POL	POLISHED
PROJ	PROJECT
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
QTY	QUANTITY
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
REF	REFRIGERATED
REIN	REINFORCED
REQ	REQUIRED
REV	REVISION
RH	RIGHT HAND
RO	ROUGH OPENING
RUB	RUBBER
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FOOT
SIM	SIMILAR
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURE
SUS	SUSPENDED
SYMM	SYMMETRICAL
TEL	TELEPHONE
TEMP	TEMPORARY
TLT	TOILET
TOPO	TOPOGRAPHY
TRTD	TREATED
TV	TELEVISION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTL	UTILITY
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
COL	VOLUME
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WH	WATER HEATER
WIN	WINDOW
WM	WIRE MESH
WT	WEIGHT
WWM	WELDED WIRE MESH

SYMBOLS LEGEND

ROOM NAME AND NUMBER — ROOM NAME, 100

PLAN OR SECTION DETAIL — 1 / A101 — DRAWING NUMBER; DASHED LINE AROUND AREA DETAILED; SHEET NUMBER WHERE DETAIL IS DRAWN

BUILDING OR WALL SECTION DETAIL — A / A101 — SIM — DRAWING NUMBER; SHEET NUMBER WHERE SECTION IS DRAWN

INTERIOR ELEVATION DETAIL — A / A101 — SIM — DRAWING NUMBER; SHEET NUMBER WHERE SECTION IS DRAWN

WINDOW TYPE — A — WINDOW TYPE

WALL TYPE — 1 — WALL TYPE

DOOR NUMBER — 1' - 6" MIN. — 101 — 1' - 0" MIN. — ROOM NO. WHERE DOOR IS LOCATED; DOOR ID

COLUMN LINE — A / 1

LEVEL — LEVEL, X' - XX"

SPOT ELEVATION — LEVEL

ROOM SCHEDULE

LEVEL	ROOM NAME	NUMBER	AREA	PERIMETER	COMMENTS
TOP OF FIN. FLR.	CONCESSIONS	C101	145 SF	48' - 1 1/2"	
TOP OF FIN. FLR.	LOCKED STORAGE	C102	51 SF	29' - 2"	
TOP OF FIN. FLR.	UTILITY	C103	58 SF	36' - 5"	
TOP OF FIN. FLR.	TEAM STORAGE	C104	95 SF	55' - 7 3/4"	
TOP OF FIN. FLR.	MENS	C105	139 SF	47' - 8 1/2"	
TOP OF FIN. FLR.	WOMENS	C106	139 SF	47' - 8 1/2"	
TOP OF FIN. FLR.	JANITOR	C107	49 SF	28' - 8 1/2"	
TOP OF FIN. FLR.	BANQUET HALL	H101	2127 SF	229' - 0 3/4"	
TOP OF FIN. FLR.	KITCHEN	H102	238 SF	63' - 7 1/4"	
TOP OF FIN. FLR.	MENS	H103	105 SF	45' - 0"	
TOP OF FIN. FLR.	WOMENS	H104	105 SF	45' - 0"	
TOP OF FIN. FLR.	JANITOR	H105	25 SF	20' - 4 1/4"	
TOP OF FIN. FLR.	STORAGE	H106	228 SF	61' - 11 3/8"	
TOP OF FIN. FLR.	PORCH	H107	705 SF	108' - 4 11/16"	

PLEASE NOTE THAT AREA AND PERIMETER CALCULATIONS TAKE IN ROOMS WITHOUT SURROUNDING WALLS ARE USING AN INVISIBLE BOUNDARY SET UP BY THE ARCHITECT AS A GENERAL AREA WITHIN THE FLOOR PLAN. THESE MEASUREMENTS ARE GIVEN FOR YOUR REFERENCE ONLY AND ARE NOT TO BE USED TO ORDER MATERIALS WITHOUT BEING VERIFIED IN THE FIELD.

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#	DESCRIPTION	DATE

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BIDDING DOCUMENTS

PROJECT INFORMATION

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	Author

G0.03

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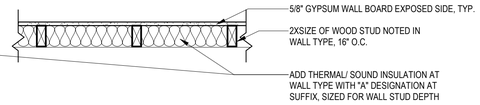
WALL TYPES

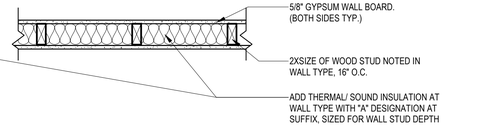
FURRING WALL

W4F, W6F, W8F
W4AF, W6AF, W8AF



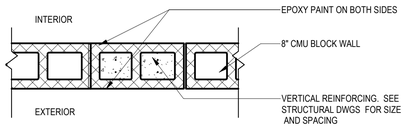
WOOD STUD WALL

W4, W6, W8
W4A, W6A, W8A



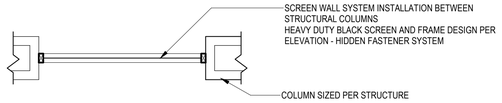
MASONRY

M8



SCREEN WALL

S1



WALL TYPE NOTES

1. SEE G0.04 FOR WALL TYPE INFORMATION, SECTIONS, AND DETAILS.
2. CODE REVIEW CONFIRMS THAT WALLS CAN BE CONSTRUCTED OUT OF WOOD OR METAL STUDS. FOR THE PURPOSE OF THESE SECTIONS & DETAILS, WOOD STUDS ARE BEING SHOWN FOR BASE BID.
3. ALL WALL TYPES SHOWN ON NEW WORK PLAN.
4. SEE SECTIONS AND KEYNOTES FOR NOTATION OF WHICH INTERIOR WALLS EXTEND TO ROOF DECK.
5. ALL WALLS WITH PLUMBING LOCATED ON THEM ARE A MINIMUM OF 6" STUD CONSTRUCTION.

NAMING CONVENTION

PREVIX - STUD WIDTH - SUFFIX
(NOMINAL)

WALL TYPE KEY - PREFIX

E EXISTING WALLS

M MASONRY

S METAL STUD

W WOOD STUD

X FIRE RATED

TP TOILET PARTITION

WALL TYPE KEY - SUFFIX

A SOUND ATTENUATION INSULATION

F FURRING WALL ON INSIDE

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#	DESCRIPTION	DATE

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BIDDING DOCUMENTS

WALL TYPES

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	Author

G0.04

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DIVISION 01.1 - GENERAL

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, SHOP DRAWINGS AND SPECIFICATIONS.
2. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA, AND TO SUBMIT DOCUMENTS TO ALL SUBCONTRACTORS AND SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS.
3. THE GENERAL CONTRACTOR SHALL COMPARE ALL CONTRACT DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN DISCIPLINES OR WITHIN A GIVEN DISCIPLINE TO THE ARCHITECT AND ENGINEER PRIOR TO FABRICATION AND ERECTION.
4. IF A CONFLICT EXISTS WITHIN THE STRUCTURAL DRAWINGS, GENERAL NOTES, OR THE SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE STRUCTURAL ENGINEER, SHALL GOVERN.
5. THE CONTRACTOR SHALL COORDINATE ALL ELEVATIONS AND DIMENSIONS, INCLUDING BUT NOT LIMITED TO THOSE FOR OPENINGS IN WALLS, ROOF(S), AND FLOOR SYSTEM(S), WITH THE ARCHITECTURAL, PLUMBING, ELECTRICAL, AND MECHANICAL PLANS.
6. ALL DIMENSIONS, ELEVATIONS, AND ANY OTHER CONDITIONS OF ANY EXISTING STRUCTURES OR OTHER FEATURES SHALL BE VERIFIED BY THE GENERAL CONTRACTOR AND ANY DISCREPANCIES WITH THE CONTRACT DRAWINGS REPORTED TO THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. DURING THE CONSTRUCTION PROCESS, IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE AND TO PROTECT FROM DAMAGE ANY PORTIONS THAT ARE TO REMAIN.
7. THE COMPLETED LATERAL-FORCE RESISTING SYSTEMS AND DIAPHRAGMS ARE REQUIRED FOR THE STRUCTURE TO RESIST LATERAL LOADS AND PROVIDE STABILITY UNDER GRAVITY LOADS. DURING THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL PROVIDE ALL REQUIRED BRACING TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS UNTIL THE LATERAL-LOAD RESISTING OR STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER.
8. UNLESS OTHERWISE NOTED, DETAILS SHOWN ON ANY DRAWING ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
9. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS AND FOR SAFETY PRECAUTIONS AND PROGRAMS.
10. THE ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSION OF THE CONTRACTOR OR FOR THEIR FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
11. THE BUILDING OWNER SHALL PROVIDE PERIODIC MAINTENANCE TO INSURE STRUCTURAL INTEGRITY. SUCH MAINTENANCE SHALL INCLUDE BUT NOT LIMITED TO PAINTING OF STEEL, PROTECTIVE COATING FOR CONCRETE, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND PRESSURE WASHING OF EXPOSED STRUCTURAL ELEMENTS.

DIVISION 01.2 - DESIGN CRITERIA (32.762820, LONG: -80.234316)

1. THE CONTRACT DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE
   - 2021 INTERNATIONAL BUILDING CODE
   - 2021 INTERNATIONAL EXISTING BUILDING CODE (LEVEL 2 ALTERATION)
   - ASCE 7-16 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES"
2. DEAD LOADS:
   a. TYPICAL ROOF SYSTEMS (PSF):

STANDING SEAM METAL DECK:	1.0
BUILDING WRAP:	1.0
INSULATION:	3.0 (ALLOWANCE)
5/8 WOOD SHEATHING:	2.0
CEILING:	3.0 (ALLOWANCE)
WD FRAMING:	5.0
MEP*:	5.0 (ALLOWANCE)
TOTAL LOAD:	20.0

   (*) INCLUDES MISC. CEILING AND HANGING MECHANICAL LOADS SUCH AS DUCT WORK AND LIGHTS.
3. LIVE LOADS:
   a. LIVE LOADS ARE BASED ON THE MORE RESTRICTIVE OF THE UNIFORM LOAD LISTED BELOW OR THE CONCENTRATED LOAD LISTED ACTING OVER A 2.5-FOOT BY 2.5-FOOT AREA (OR 6.25 SF).
   b.

CATEGORY	CONCENTRATED	UNIFORM
ORDINARY ROOF		20 PSF

4. SNOW LOADS:
   GROUND SNOW LOAD, PG — 5 PSF
5. WIND LOADS:

ULTIMATE WIND SPEED, V(ult)	142 MPH (3 SEC GUST)
NOMINAL WIND SPEED, V(asd)	110 MPH
RISK CATEGORY	II
WIND EXPOSURE	B
INTERNAL PRESSURE COEFF, GCPI	±0.18 (ENCLOSED)

   COMPONENTS AND CLADDING WIND LOADS AT WAREHOUSE (ULTIMATE, Kd = 0.85):

WALL	(10 SQ FT EFF WIND AREA)	(50 SQ FT EFF WIND AREA)
INT ZONE	= -30 PSF/ +30 PSF	= -30 PSF/ +25 PSF
EXT ZONE	= -40 PSF/ +30 PSF	= -35 PSF/ +25 PSF
ROOF	(10 SQ FT EFF WIND AREA)	(50 SQ FT EFF WIND AREA)
ZONE 1'	= -30 PSF/ +16 PSF	= -30 PSF/ +16 PSF
ZONE 1	= -50 PSF/ +16 PSF	= -40 PSF/ +16 PSF
ZONE 2	= -65 PSF/ +16 PSF	= -55 PSF/ +16 PSF
ZONE 3	= -85 PSF/ +16 PSF	= -70 PSF/ +16 PSF
ROOF OH	(10 SQ FT EFF WIND AREA)	(50 SQ FT EFF WIND AREA)
ZONE 1'	= -50 PSF	= -45 PSF
ZONE 1	= -50 PSF	= -45 PSF
ZONE 2	= -65 PSF	= -50 PSF
ZONE 3	= -85 PSF	= -65 PSF

   CONTACT EOR FOR C&C LOADS AT OTHER EFFECTIVE WIND AREAS
   EDGE & CORNER ZONE, 0.6h = 9.0 FT; 0.2h = 3.0 FT, a = 3.0 FT
6. SEISMIC LOADS:

RISK CATEGORY	II
SEISMIC IMPORTANCE FACTOR, Ie	1.0
SHORT PERIOD SPECTRAL RESPONSE ACCELERATION, S_S	1.667g
1-SEC PERIOD SPECTRAL RESPONSE ACCELERATION, S_1	0.514g
SITE CLASS	D (DEFAULT)
SHORT PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION, S_{DS}	1.334g
1-SEC PERIOD DESIGN SPECTRAL RESPONSE ACCELERATION, S_{D1}	0.617g
SEISMIC DESIGN CATEGORY	D
CONCESSIONS	
BASIC SEISMIC-FORCE RESISTING SYSTEM: SPECIAL REINFORCED MASONRY SHEAR WALLS	
DESIGN BASE SHEAR:	18.6 KIPS
SEISMIC RESPONSE COEFFICIENT, Cs:	0.267
RESPONSE MODIFICATION COEFFICIENT, R:	5.0
ANALYSIS PROCEDURE:	SIMPLIFIED
PORCH	
BASIC SEISMIC-FORCE RESISTING SYSTEM: CANTILEVERED TIMBER FRAMES	
DESIGN BASE SHEAR:	13.4 KIPS
SEISMIC RESPONSE COEFFICIENT, Cs:	0.889
RESPONSE MODIFICATION COEFFICIENT, R:	1.5
ANALYSIS PROCEDURE:	E-L-F
AMPLIFIED DRIFT:	X = 3.0in; Y = PER EXIST

DIVISION 01.3 - SUBMITTALS

1. THE GENERAL CONTRACTORS SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING FOR REVIEW. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND/OR ENGINEER AND HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED PRIOR TO FABRICATION. FABRICATION AND ERECTION SHALL BE FROM REVIEWED SHOP DRAWINGS.
2. A RECORD SET OF APPROVED SHOP DRAWINGS SHALL BE KEPT IN THE FIELD BY THE GENERAL CONTRACTOR.
3. ANY DEVIATION FROM, ADDITION TO, SUBSTITUTION FOR, OR MODIFICATION TO THE STRUCTURE OR ANY PART OF THE STRUCTURE DETAILED ON THE CONTRACT DOCUMENTS SHALL BE SUBMITTED IN WRITING TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS SUBMITTED FOR REVIEW DO NOT CONSTITUTE "IN-WRITING" UNLESS IT IS CLEARLY NOTED THAT SPECIFIC CHANGES ARE BEING SUGGESTED.
4. THE CONTRACTOR SHALL PREPARE A LIST AND SCHEDULE OF ALL STRUCTURAL SUBMITTALS PRIOR TO CONSTRUCTION.
5. THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED BY THE CONTRACTOR FOR THE ENGINEER'S REVIEW:
   a. ROOF TRUSSES (1,3)
   b. STRUCTURAL STEEL
   c. STRUCTURAL STEEL TO STEEL CONNECTIONS (1,3)
   d. REINFORCING STEEL
   e. CONCRETE MIX DESIGNS
6. ITEMS MARKED (1) SHALL HAVE SHOP DRAWINGS SEALED BY A REGISTERED ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED. ITEMS MARKED (2) SHALL BE SUBMITTED TO ENGINEER FOR OWNER'S RECORD ONLY AND WILL NOT HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED. ITEMS MARKED (3) SHALL HAVE DESIGN CALCULATIONS SEALED BY A REGISTERED ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED.
   a. CONTRACTOR SHALL SUBMIT ONE SET OF REPRODUCIBLES AND TWO SETS OF PRINTS FOR ALL SHOP DRAWINGS SPECIFIED TO BE RETURNED BY THE ENGINEER.
   b. THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE CONTRACT DOCUMENTS TO BE FURNISHED SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED.
7. THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF THESE CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES THEIR ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEMSELVES TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.

DIVISION 03.1 - CONCRETE

1. CONCRETE SHALL HAVE THE MINIMUM STRENGTH AND MEET THE PROPERTIES AS DESCRIBED BELOW FOR THE VARIOUS CLASSES OF CONCRETE:

MIX TYPE	SUPER P	SLUMP	W/C RATIO	DURABILITY	LOCATION
3000 PSI	N-A	4"	.50 MAX	F0, S0, W0, C1	FOOTINGS
4000 PSI	REQUIRED	3" / 8"	.45 MAX	F1, S1, W1, C1	SLABS & PIERS

   a. ALL CONCRTE SHALL BE NORMAL WEIGHT CONCRETE.
2. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PRACTICE".
3. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE II.
4. ALL AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C 33.
5. ALL REINFORCEMENT SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
   a. ALL REINFORCING, UNO: ASTM A615 GRADE 60
   b. DEFORMED BAR ANCHORS (DBA): ASTM A496 (75 KSI)
   c. WELDED REINFORCING: ASTM A706
   d. WELDED WIRE REINFORCEMENT (WWR):
      - SMOOTH WIRE: ASTM A 185 (65 KSI)
      - DEFORMED WIRE: ASTM A 497 (70 KSI)
6. REINFORCEMENT DETAILING:
   a. REINFORCEMENT SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH ACI 315.
   b. PROVIDE CORNER BARS AT ALL FOOTINGS AND WALL INTERSECTIONS TO MATCH HORIZONTAL REINFORCING SIZE AND SPACING. AT INTERSECTIONS OF CONTINUOUS SPREAD FOOTINGS EXTEND ALL BARS TO FAR SIDE OF INTERSECTING FOOTING
   c. REINFORCEMENT SHALL BE SECURELY PLACED TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT. PROVIDE CONCRETE COVER FOR REINFORCING PER ACI 318, UNLESS SPECIFICALLY DETAILED OTHERWISE.
   d. PROVIDE DOWELS TO MATCH REINFORCEMENT SIZE AND SPACING INDICATED FOR ALL STRUCTURAL ELEMENTS, UNLESS OTHERWISE INDICATED.
7. LAP BARS AT ALL SPLICES, INCLUDING CORNER BARS AND DOWELS, IN ACCORDANCE WITH SPLICE SCHEDULE OR, IN LIEU THEREOF, 40 BAR DIAMETERS. LAP WWF 6" OR ONE FULL MESH, WHICHEVER IS GREATER.
8. CONCRETE PROTECTION FOR REINFORCING: 3" AT FOOTINGS; 2" AT FORMED SURFACES LATER EXPOSED TO SOIL.
9. HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS SHALL NOT BE USED UNLESS SHOWN ON THE DRAWINGS. THE ARCHITECT/ENGINEER SHALL APPROVE ALL DEVIATIONS OR ADDITIONAL JOINTS IN WRITING.
10. SLABS AND BEAMS OR JOISTS SHALL BE CAST MONOLITHICALLY UNLESS OTHERWISE INDICATED.
11. CHAMFER ALL PERMANENTLY EXPOSED CONCRETE EDGES 3/4 INCH, UNO.
12. NO HOLES OR OPENINGS THROUGH FOUNDATION WALLS AND/OR FOOTINGS WITHOUT ENGINEER'S APPROVAL.
13. AIR ENTRAIN ALL EXTERIOR CONCRETE AS REQUIRED BY ACI 318-19 TABLE 19.3.3.1.
14. ALUMINUM SHALL NOT BE EMBEDDED IN ANY CONCRETE.

DIVISION 04.1 - MASONRY

1. HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO ASTM C90, LIGHTWEIGHT, TYPE II, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI ON THE NET AREA (f'm = 2000 PSI).
2. ALL MORTAR FOR USE IN MASONRY SHALL CONFORM TO ASTM C270, TYPE M OR S. ALL GROUT FOR USE IN MASONRY SHALL CONFORM TO ASTM C476, MIN 2500 PSI. GROUT SLUMP SHALL BE 8"-11".
3. REINFORCING BARS SHALL MEET ASTM A615, GRADE 60.
4. BOND BEAM BLOCKS SHALL MEAN OPEN BOTTOM LINTELS UNLESS NOTED OTHERWISE. PROVIDE METAL LATH IN JOINTS BELOW BOTTOM OF BOND BEAM OVER THOSE CELLS THAT ARE NOT GROUT FILLED.
5. VERTICAL AND HORIZONTAL REINFORCING SHALL BE CONTINUOUS AND LAPPED PER IBC 2107.2.1 (EQ 21-1) BUT NOT BE LESS THAN 12" OR 40db BUT NEED NOT BE GREATER THAN 72db.
6. HOLD VERTICAL BARS STRAIGHT, TRUE, AND ACCURATE IN ALL WALLS AS DETAILED. INSTALL REBAR POSITIONERS @ 4'-0" OC, MAXIMUM, THAT ARE DESIGNED TO HOLD REBAR IN PROPER LOCATION WITHIN THE CELL PRIOR TO GROUTING.
7. PROVIDE A MINIMUM OF 1/2" GROUT BETWEEN MAIN REINFORCING AND MASONRY UNITS.
8. PROVIDE STANDARD GAGE TRUSS TYPE JOINT REINFORCEMENT AT 16" OC FOR TYPICAL HORIZONTAL REINFORCING, UNLESS NOTED OTHERWISE.
9. ALL REINFORCED MASONRY COLUMN AND WALL SECTIONS REQUIRE DOWELS FROM FOOTING, SAME SIZE AND QUANTITY AS VERTICAL REINFORCEMENT IN COLUMN OR WALL UNLESS NOTED OTHERWISE.
10. GROUT FILL ALL CELLS, ALL WALLS BELOW GRADE. SLUSH JOINT BETWEEN WYTHES BELOW GRADE.
11. ALL CMU SHALL BE LAID IN RUNNING BOND PATTERN.
12. GROUT FILL ALL CELLS THAT CONTAIN REINFORCING.
13. CONSTRUCTION OF ALL MASONRY SHALL CONFORM TO THE SPECIFICATION FOR MASONRY STRUCTURES (TMS 602-16). INCLUDED ARE CONSTRUCTION TOLERANCES; THE PLACEMENT, BONDING, AND ANCHORING OF MASONRY; AND THE PLACEMENT OF GROUT AND OF REINFORCEMENT.
14. THE TOP OF EACH GROUT POUR SHALL BE 1" BELOW THE BED JOINT.
15. REINFORCEMENT, REBAR POSITIONERS, AND TIES SHALL BE PLACED PRIOR TO GROUTING.

DIVISION 06.1 - LUMBER

1. UNLESS NOTED OTHERWISE, ALL LUMBER SHALL BE #2 SOUTHERN YELLOW PINE WITH A MAXIMUM MOISTURE CONTENT OF 19% (OR BETTER).
2. ALL LUMBER EXPOSED TO THE EXTERIOR ENVIRONMENT SHALL BE PRESSURE IMPREGNATED AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK "ABOVE GROUND USE".
3. ALL LUMBER IN CONTACT WITH THE GROUND/CONCRETE SHALL BE PRESSURE IMPREGNATED AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK "GROUND CONTACT USE."
4. WHERE PRESERVATIVE TREATED LUMBER IS CUT OR DRILLED AFTER TREATMENT, THE CUT SURFACE AND DRILLED HOLES SHALL BE FIELD TREATED IN ACCORDANCE WITH AWPA M4.
5. ALL LUMBER DESIGNATED AS "LVL" SHALL BE MICROLLAM LAMINATED VENEER LUMBER WITH E=2,000,000 PSI AND Fb = 2600 PSI AT 100% LOAD DURATION (ICC-ES REPORT ESR-1387).
6. AT PORCH ROOFS PROVIDE CROSS BRIDGING OR BLOCKING AT 4'-0" OC (MAX).

DIVISION 06.2 - WALL FRAMING

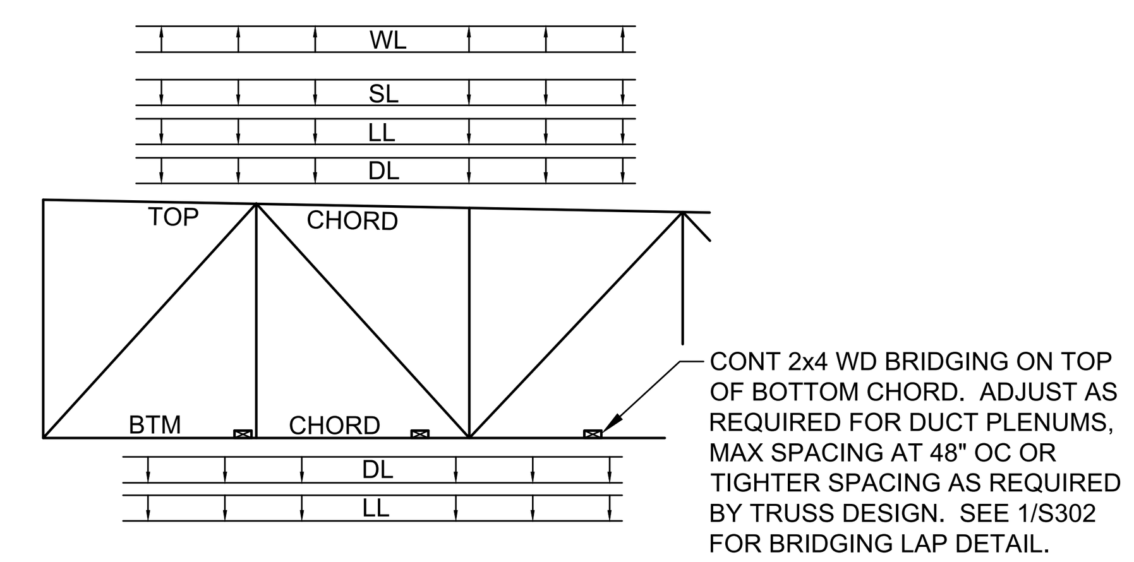
1. WALL FRAMING SHALL BE SPRUCE-PINE-FIR #1/#2 OR BETTER (UNO).
2. ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, BEAM SEATS AND COLUMN CAPS.
3. ALL WOOD IN CONTACT WITH CONCRETE OR GRADE OR WITHIN THE DFE SHALL BE PRESERVATIVE TREATED.
4. ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPLICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPLICED OR TREATED MEMBER SHALL BE EQUAL DISTANCE FROM THE SPLICE. STRAPS USING 16d NAILS ON 2x MATERIAL SHALL BE INSTALLED ON THE 1-1/2" EDGE OF THE MEMBER.
5. THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND PLYWOOD MEET THE REQUIREMENTS OF THE SPECS. AT THE TIME OF INSTALLATION AND AT CLOSE-IN.
6. PROVIDE DOUBLE STUDS UNDER DOUBLE TRUSSES/ RAFTERS. PROVIDE TRIPLE STUDS UNDER TRIPLE TRUSSES/ RAFTERS. FIELD LOCATE ROOF AND FLOOR FRAMING FOR LOCATIONS.

DIVISION 06.3 - WOOD FASTENERS

1. AS A MINIMUM, ANCHOR AND NAIL FRAMING SHALL COMPLY WITH THE FASTENING SCHEDULE ON THIS SHEET.
2. ALL NAILS SHALL BE COMMON WIRE NAILS UNLESS NOTED OTHERWISE.
3. FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT TREATED WOOD SHALL BE OF TYPE 304 OR 316 STAINLESS STEEL (UNLESS RECOMMENDED OTHERWISE BY THE TREATMENT MANUFACTURER). STAINLESS STEEL PARTS AND GALVANIZED STEEL PARTS SHALL NOT BE PLACED IN CONTACT WITH ONE ANOTHER.
4. ALL STEEL BOLTS SHALL MEET ASTM A307 (UNO). BOLT HOLES SHALL BE A MAXIMUM 1/16" LARGER THAN THE BOLT DIAMETER AND SHALL BE PRE-DRILLED PRIOR TO DELIVERY. BOLTS SHALL NOT BE FORCIBLY DRIVEN.
5. ALL LAG SCREWS SHALL MEET ASTM A307 (UNO). THE CLEARANCE HOLE FOR THE SHANK SHALL HAVE THE SAME DIAMETER AS THE SHANK, AND THE SAME DEPTH OF PENETRATION AS THE LENGTH OF UNTHREADED SHANK. THE LEAD HOLE FOR THE THREADED PORTION SHALL HAVE A DIAMETER EQUAL TO 60% TO 75% OF THE SHANK DIAMETER AND A LENGTH EQUAL TO AT LEAST THE LENGTH OF THE THREADED PORTION. THE THREADED PORTION OF THE LAG SCREW SHALL BE INSERTED IN ITS HOLE BY TURNING WITH A WRENCH, NOT BY DRIVING WITH A HAMMER. SOAP OR OTHER LUBRICANT SHALL BE USED ON THE LAG SCREWS OR IN THE LEAD HOLES TO FACILITATE INSERTION AND PREVENT DAMAGE TO THE LAG SCREW.
6. ALL NUTS SHALL MEET ASTM A563 (UNO).
7. ALL WASHERS SHALL MEET ASTM F844 (UNO).
8. METAL CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL HAVE A MINIMUM FINISH/COATING MEETING ASTM A653 TYPE G185 ZINC-COATED GALVANIZED STEEL OR POST HOT-DIPPED GALVANIZED PER ASTM A123 PROVIDING A MINIMUM AVERAGE COATING WEIGHT OF 2.0 OUNCES PER SQ FT (TOTAL FOR BOTH SIDES).
9. EDGE DISTANCES, END DISTANCES, AND FASTENER SPACINGS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.
10. INSTALL ALL PROPRIETARY PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
11. CONNECTORS INDICATED IN DRAWINGS ARE SIMPSON STRONG-TIE PRODUCTS (UNO).
    a. SIMPSON STRONG-TIE CONNECTORS ARE SPECIFICALLY REQUIRED TO MEET THE STRUCTURAL CALCULATIONS OF PLAN. BEFORE SUBSTITUTING ANOTHER BRAND, CONFIRM LOAD CAPACITY BASED UPON RELIABLE PUBLISHED DATA OR CALCULATIONS. THE ENGINEER OF RECORD (EOR) SHALL EVALUATE AND GIVE WRITTEN APPROVAL FOR SUBSTITUTION PRIOR TO INSTALLATION.
    b. USE SIMPSON STRONG-TIE FASTENERS (NAILS, SCREWS) PER MANUFACTURER'S RECOMMENDATIONS.
    c. ALL SIMPSON STRONG-TIE SDS WOOD SCREWS SHALL HAVE 3/4"Ø WASHERS AND A MIN EMBEDMENT OF 2-3/4" INTO FRAMING (UNO).

DIVISION 06.4 - PRE-ENGINEERED WOOD TRUSSES:

1. ALL PREFABRICATED TRUSSES SHALL BE DESIGNED TO MEET THE LOADING SPECIFIED. FABRICATION AND ERECTION SHALL BE PER TRUSS PLATE INSTITUTE RECOMMENDATIONS AS CONTAINED IN THE APPROPRIATE PUBLICATIONS.
2. SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED FOR EACH TYPE OF TRUSS SPECIFIED AND SHALL BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF SOUTH CAROLINA.
3. ALL LUMBER USED IN THE MANUFACTURING OF WOOD TRUSSES SHALL BE SOUTHERN YELLOW PINE OR BETTER.
4. PROVIDE ALL TEMPORARY AND PERMANENT TRUSS BRACING AND BRIDGING AS REQUIRED AND SHOWN ON THE TRUSS MANUFACTURERS SHOP DRAWINGS. BRACING SHOWN ON STRUCTURAL DRAWINGS IS IN ADDITION TO ANY BRACING SHOWN ON THE SHOP DRAWINGS.
5. PROVIDE 2x4 CONTINUOUS BOTTOM CHORD/ CEILING BRACING AS INDICATED.
6. INSTALL STRONG BACKS, BRACING AND/OR BRIDGING PRIOR TO DECK INSTALLATION AND AS TRUSSES ARE ERECTED. FASTEN ALL BRACING TO EACH TRUSS.



TYPICAL ROOF TRUSS LOAD DIAGRAM

NOTE:
THIS DIAGRAM IS A SCHEMATIC SHOWING THE APPLICATION OF LOADS STATED HEREIN. LOADS SHALL BE COMBINED AS PROVIDED BY THE GOVERNING BUILDING CODE TO DETERMINE THE MOST UNFAVORABLE EFFECT.

PREFABRICATED ROOF TRUSS DESIGN CRITERIA:

DL = 10 PSF TOP CHORD	DL = 10 PSF BOTTOM CHORD
LL = 20 PSF TOP CHORD	LL = 0 PSF BOTTOM CHORD
WIND LOAD = 142 MPH	SNOW, Pg = 5 PSF

DIVISION 06.5 - WOOD SHEATHING

1. ALL ROOF AND WALL SHEATHING SHALL BE INSTALLED WITH LONG DIMENSION PERPENDICULAR TO FRAMING AND END JOINTS SHALL BE STAGGERED. DESIGN IS BASED ON 2-SPAN CONTINUOUS CONDITION.
2. DO NOT USE PANELS LESS THAN 12".
3. SHEATHING
   3.1. ROOF DECKING SHALL BE APA RATED 40/20 - 5/8" EXPOSURE 1 PLYWOOD PANELS ATTACHED WITH 8d ANNULAR RING SHANK NAILS (D=0.131, L=2-1/2, TL=1-1/2, H=0.281) AT 6" OC AT SUPPORTED EDGES, NAIL SPACING AT DIAPHRAGM BOUNDARY (EDGE NAILING) IS 6" OC, AND 6" OC IN FIELD. AT PORCHES WITH RAFTER SPACINGS OF 16" OC OR LESS, ATTACH SUPPORTED EDGES AND FIELD OF PANEL TO FRAMING WITH NAILS AT 6" OC. SUPPORT ALL PANEL EDGES PER DET 2/S302. LRFD WIND LOAD CAPACITY = 505 PSF (SDPWS TABLE 3.2.2 - STRENGTH AXIS PERPENDICULAR TO SUPPORTS).
   3.2. EXTERIOR WALL SHEATHING SHALL BE APA RATED 24/16 - 7/16" EXPOSURE 1 PLYWOOD PANELS ATTACHED WITH 8d ANNULAR RING SHANK NAILS (D=0.131, L=2-1/2, TL=1-1/2, H=0.281) AT 6" OC AT SUPPORTED EDGES, NAIL SPACING AT DIAPHRAGM BOUNDARY IS 6" OC, AND 6" OC IN FIELD (UNO). LRFD WIND LOAD CAPACITY = 260 PSF (SDPWS TABLE 3.2.1A - STRENGTH AXIS PERPENDICULAR TO SUPPORTS).
   3.3. WHERE NOTED ON PLAN, FLOOR SHEATHING SHALL BE SINGLE-LAYER STRAIGHT LUMBER. LUMBER SHALL BE MINIMUM 1" THICK NOMINAL SHEATHING BOARDS OR MINIMUM 2" THICK NOMINAL LUMBER LAID PERPENDICULAR TO SUPPORTS. END JOINTS IN ADJACENT BOARDS SHALL BE SEPARATED BY AT LEAST ONE JOIST SPACE AND THERE SHALL BE AT LEAST TWO BOARDS BETWEEN JOINTS ON THE SAME SUPPORT. ATTACH 1x LUMBER TO INTERMEDIATE AND END SUPPORTS USING A MINIMUM OF (3) 8d COMMON NAILS. ATTACH 2x LUMBER TO INTERMEDIATE AND END SUPPORTS USING A MINIMUM OF (3) 16d COMMON NAILS.
4. OPENINGS IN THE FLOOR OR ROOF DECK WITH A DIMENSION PERPENDICULAR TO THE JOISTS GREATER THAN 4 FEET SHALL BE BLOCKED BEYOND THE HEADERS AND METAL TIES NOT LESS THAN 16 GAGE BY 1-1/2" WIDE WITH (8) 16d COMMON NAILS ON EACH SIDE OF THE HEADER-JOIST INTERSECTION SHALL BE PROVIDED.

DIVISION 08.1 - PROTECTION OF OPENINGS

1. GLAZING IN BUILDINGS LOCATED WITHIN 1 MILE OF THE COASTAL MEAN HIGH WATER LINE WHERE THE ULTIMATE DESIGN WIND SPEED V(ULT) IS 130 OR GREATER OR IN AREAS WHERE THE ULTIMATE DESIGN WIND SPEED V(ULT) IS 140 MPH OR GREATER SHALL BE IMPACT RESISTANT OR PROTECTED WITH AN IMPACT RESISTANT COVERING MEETING THE REQUIREMENTS OF AN APPROVED IMPACT RESISTANT STANDARD OR ASTM E 1886 AND ASTM E 1996 AND AS FOLLOWS:
   a. GLAZED OPENINGS LOCATED WITHIN 30 FEET OF GRADE SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1996.
   b. GLAZED OPENINGS LOCATED MORE THAN 30 FEET ABOVE GRADE SHALL MEET THE PROVISIONS OF THE SMALL MISSILE TEST OF ASTM E 1996.

DIVISION 31.1 - EARTHWORK AND FOUNDATIONS

1. FOUNDATIONS ARE DESIGNED FOR THE ALLOWABLE SOIL BEARING PRESSURES LISTED BELOW. THE OWNER SHALL BE RESPONSIBLE FOR ENGAGING A TESTING AGENCY TO VERIFY THE SOIL BEARING CAPACITY AND PROVIDE A GEOTECHNICAL INVESTIGATION PER THE REQUIREMENTS OF SECTION 1803 OF THE IBC.
   a. BUILDING FOUNDATION LOAD-BEARING VALUES (REF 2021 IBC §1806.2):
      - VERTICAL FOUNDATION PRESSURE: 2000 PSF NET
      - COEFFICIENT OF FRICTION: 0.25
      - WEIGHT OF SOIL: 110 PCF
   b. MASONRY RETAINING WALL LOAD-BEARING VALUES:
      - VERTICAL FOUNDATION PRESSURE: 2000 PSF NET
      - AT REST EQUIVALENT FLUID PRESSURE: 60 PSF/FT
      - LATERAL BEARING PRESSURE: 330 PSF/FT BELOW GRADE
      - COEFFICIENT OF FRICTION: 0.40
5. CONTRACTOR SHALL OBTAIN A COPY OF THE SOILS REPORT AND ADHERE TO ALL RECOMMENDATIONS WITHIN, INCLUDING PREPARATION OF SOILS AT BUILDING PAD.
   a. FILLS PLACED BENEATH THE SLAB OR FOOTINGS SHALL BE COMPACTED PER THE RECOMMENDATIONS OF A GEOTECHNICAL ENGINEER.
   b. BEARING ELEVATIONS OF FOOTINGS SHALL BE APPROVED BY A GEOTECHNCIAL ENGINEER PRIOR TO PLACING ANY CONCRETE.
6. ALL SOILS WORK, INCLUDING BACKFILL OF UTILITY TRENCHES AND THE VERIFICATION OF BEARING CAPACITY OF SAME SHALL BE UNDER THE DIRECTION OF A QUALIFIED SOILS ENGINEER. PROXIMITY OF UTILITY TRENCHES TO BUILDING FOUNDATION SYSTEM SHALL BE AS APPROVED BY THE SOILS ENGINEER TO INSURE INTEGRITY OF THE BEARING SOILS.
7. FLOOR SLABS SHALL BEAR ON 4 INCHES OF DRAINAGE LAYER. THIS DRAINAGE LAYER SHALL CONSIST OF COMPACTED GRAVEL OR CLEAN SAND. THE MOISTURE RETARDER SHALL BE PLACED BETWEEN THE DRAINAGE LAYER AND THE SLAB.
8. NO FOUNDATION CONCRETE SHALL BE INSTALLED UNTIL ALL FOUNDATION WORK HAS BEEN COORDINATED WITH UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ALL CONFLICTS THAT EXIST BETWEEN FOOTINGS AND UTILITIES PRIOR TO CONSTRUCTION.
9. ALL FOUNDATIONS, OR PORTIONS THEREOF, BELOW GRADE MAY BE EARTH FORMED BY NEAT EXCAVATIONS.
10. BACKFILL BEHIND RETAINING WALLS SHALL BE WITH AN ENGINEERED FILL PER THE RECOMMENDATIONS OF A GEOTECHNICAL ENGINEER.
11. HEAVY EQUIPMENT SHOULD NOT BE ALLOWED WITHIN 8 FEET OF ANY EARTH RETAINING WALL. USE ONLY HAND OPERATED VIBRATORY COMPACTORS FOR COMPACTING BEHIND RETAINING WALLS.
12. STEM WALLS RESTRAINED BY UPPER SLABS SHALL BE BRACED AGAINST OVERTURNING AND SLIDING DURING CONSTRUCTION.
13. UNLESS OTHERWISE SHOWN, ALL FOOTINGS SHALL BE CENTERED ON WALLS AND/OR COLUMNS.
14. THE CONTRACTOR SHALL DETERMINE THE EXTENT OF CONSTRUCTION DEWATERING REQUIRED FOR THE EXCAVATION. THE CONTRACTOR SHALL SUBMIT TO THE GEOTECHNICAL ENGINEER FOR REVIEW THE PROPOSED PLAN FOR CONSTRUCTION DEWATERING, PRIOR TO EXCAVATION.
15. FOOTINGS SHALL NOT BE PLACED ON FROZEN SUBGRADE OR IN STANDING WATER.

STRUCTURAL DRAWINGS

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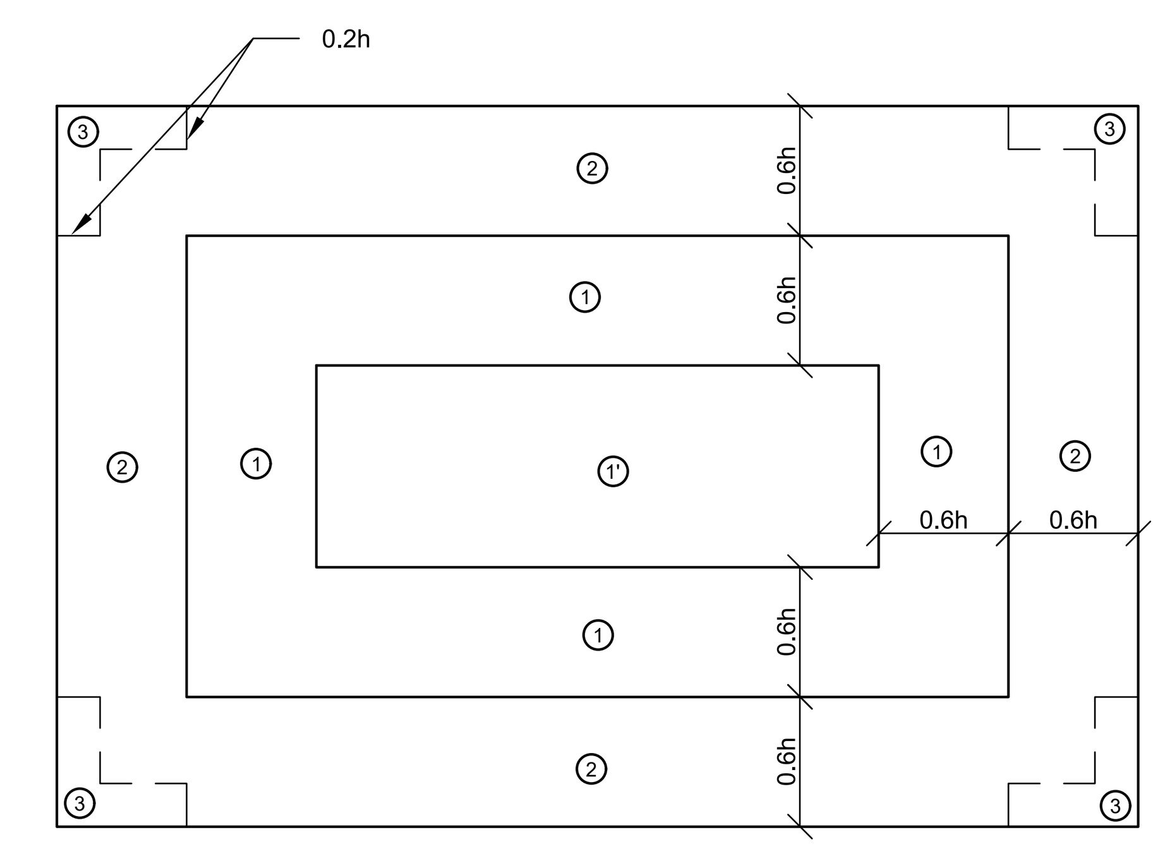

PLAN

WIND ZONE DIAGRAM AT ROOF, Θ ≤ 7°
(TO BE USED WITH COMPONENTS AND CLADDING CHART)

	FASTENING SCHEDULE:	NAILING -UNO:
ROOF FRAMING	1. RAFTER/ TRUSS TO TOP PLATE, TOENAIL	(3) 10d
	2. CEILING JOIST TO TOP PLATE, TOENAIL	(3) 8d
	3. CEILING JOIST TO PARALLEL RAFTER, FACE NAIL	(3) 10d
	4. CEILING JOIST LAPS OVER PARTITIONS, FACE NAIL	(3) 16d
	5. COLLAR TIE TO RAFTER, FACE NAIL (EACH END)	(3) 10d
	6. BLOCKING TO RAFTER, TOENAIL (EACH END)	(2) 8d
	7. BLOCKING TO TOP PLATE, TOENAIL (EACH BLOCK)	(3) 8d
	8. RIM BOARD TO RAFTER, END NAIL	(3) 16d
	9. ROOF RAFTER TO RIDGE, VALLEY, OR HIP	(4) 10d TOENAIL AND (3) 16d FACE NAIL
WALL FRAMING	10. TOP PLATE TO TOP PLATE, FACE NAIL	(2) 16d PER FOOT
	11. TOP PLATE AT INTERSECTIONS, FACE NAIL	(4) 16d
	12. DOUBLE STUDS, FACE NAIL	2-ROWS 16d @ 24 OC
	13. CONTINUOUS HEADER, MULTIPLE PLY	REF DET 3 & 5 SHT S302
	14. DOUBLE TOP PLATES, LAP SPLICE	REF DET 7 SHT S303
	15. TOP OR BOTTOM PLATE TO STUDS, END NAIL	(3) 16d at 2x6
	16. BTM PLATE TO BAND JOIST OR BLOCKING, FACE NAIL	(3) 16d PER STUD SPACE
	17. BTM PLATE TO FLOOR JOIST OR END JOIST, FACE NAIL	(3) 16d PER STUD SPACE
FLOOR FRAMING	18. JOIST TO SILL, TOP PLATE, OR GIRDER, TOENAIL	(4) 8d
	19. BRIDGING TO JOIST, TOENAIL (EACH END)	(2) 8d
	20. BLOCKING TO JOIST, TOENAIL (EACH END)	(2) 8d
	21. BLOCKING TO TOP PLATE, TOENAIL (EACH BLOCK)	(3) 16d
	22. LEDGER STRIP TO BEAM WITH MAX SPAN 12', FACE NAIL (EACH JOIST)	(3) 16d
	23. JOIST ON LEDGER OR BEAM, TOENAIL	(3) 8d
	24. BAND JOIST TO JOIST, END NAIL	(3) 16d
	25. BAND JOIST TO TOP PLATE, TOENAIL	(3) 16d PER FOOT
OTHER	26. BUILT-UP CORNER WITH 3 STUDS	2-ROWS 16d @ 6 OC
	27. BUILT-UP CORNER WITH 4 STUDS	2-ROWS 16d @ 6 OC
	28. 1x OR 2x DECKING	REF WOOD SHEATHING NOTES

ABBREVIATIONS:

ARCH	-	ARCHITECTURAL	EOS	-	EDGE OF SLAB	LG	-	LONG	SEC	-	SECTION
BC	-	BOTTOM CHORD	EQ	-	EQUAL	LLH	-	LONG LEG HORIZONTAL	SHT	-	SHEET
BLDG	-	BUILDING	EW	-	EACH WAY	LLV	-	LONG LEG VERTICAL	SIM	-	SIMILAR
BRG	-	BEARING	EX	-	EXISTING	LLBB	-	LONG LEG BACK TO BACK	STD	-	STANDARD
BTM	-	BOTTOM	EXP ANCH	-	EXPANSION ANCHOR	MAX	-	MAXIMUM	T&B	-	TOP & BOTTOM
CC	-	CENTER TO CENTER	EXP JT	-	EXPANSION JOINT	MECH	-	MECHANICAL	TBV	-	TO BE VERIFIED
CFSSF	-	COLD FORMED STRUCTURAL STEEL FRAMING	EXT	-	EXTERIOR	MO	-	MASONRY OPENINGS	TOF	-	TOP OF FOOTINGS
			FDN	-	FOUNDATION	MIN	-	MINIMUM	TOM	-	TOP OF MASONRY
CL	-	CENTER LINE	FFE	-	FINISHED FLOOR ELEVATION	NIC	-	NOT IN CONTACT	TOS	-	TOP OF STEEL
CLR	-	CLEAR COVER	FOC	-	FACE OF CONCRETE	NTS	-	NOT TO SCALE	TOW	-	TOP OF WALL
COL	-	COLUMN	FRT	-	FIRE RETARDANT	O.C.	-	ON CENTER	TYP	-	TYPICAL
CONT	-	CONTINUOUS	FOM	-	FACE OF MASONRY	O/O	-	OUT TO OUT	UNO	-	UNLESS NOTED OTHERWISE
DET	-	DETAIL	FOS	-	FACE OF STEEL	PAF	-	POWDER ACTUATED FASTENER	VERT	-	VERTICAL
DFE	-	DESIGN FLOOD ELEVATION	GALV	-	GALVANIZED				VIF	-	VERIFY IN FIELD
DWG	-	DRAWING	HORIZ	-	HORIZONTAL	PT	-	PRESSURE TREATED	WSP	-	WOOD STRUCTURAL PANEL
EA	-	EACH	HSB	-	HIGH STRENGTH BOLT	REF	-	REFERENCE	WP	-	WORKING POINT
EF	-	EACH FACE	INT	-	INTERIOR	REINF	-	REINFORCE / REINFORCING	WWR	-	WELDED WIRE REINFORCING
ELEV	-	ELEVATION	JST	-	JOIST	REQ'D	-	REQUIRED			

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#	DESCRIPTION	DATE

☐ APPROVED FOR CONSTRUCTION

QC REVIEW DOCUMENTS

GENERAL NOTES

Project Number:	21081
Date:	MAY 19, 2023
Drawn By:	mjym/CJM

S001

SECTION 1705.3 -- CONCRETE CONSTRUCTION				
TYPE	FREQUENCY OF INSPECTION		REFERENCED STANDARD[a]	IBC REFERENCE
	CONTINUOUS	PERIODIC		
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	X	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	-
2. WELDING OF REINFORCING BARS:				-
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	-	X	AWS D1.4, ACI 318: 26.6.4	-
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	-	X		
C. INSPECT ALL OTHER WELDS	X	-		
3. INSPECT ANCHORS CAST IN CONCRETE	-	X	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS[b]				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	ACI 318: 17.8.2.4	-
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a	-	X	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2,
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	-	ASTM C172, ASTM C31, ACI 318: 26.5, 26.12	-
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	-	ACI 318: 26.5	-
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	-	X	ACI 318: 26.5.3 - 26.5.5	-
9. INSPECT PRESTRESSED CONCRETE FOR:				
A. APPLICATION OF PRESTRESSING FORCES; AND	X	-	ACI 318: 26.10	-
B. GROUTING OF BONDED PRESTRESSING TENDONS	X	-		-
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS	-	X	ACI 318: CH. 26.9	-
11. FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F, INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR:			ACI 318: CH. 26.13.1.3 ACI 550.5	
A. INSTALLATION OF THE EMBEDDED PARTS	X	-		
B. COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS.	X	-		
C. COMPLETION OF CONNECTIONS IN THE FIELD.	X	-		
12. INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5.	-	X	ACI 318: CH. 26.13.1.3	-
13. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.11.2	-
14. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	-	X	ACI 318: 26.11.1.2(b)	-

a. WHERE APPLICABLE, SEE ALSO SECTION 1705.13, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK.

SECTION 1705.4 -- MASONRY CONSTRUCTION			
TYPE	FREQUENCY (a)	REFERENCE for CRITERIA	
	LEVEL 2	TMS 402	TMS 602
1. AS MASONRY CONTRUCTIONS BEGINS VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
A. PROPORTIONS OF SITE-MIXED MORTAR	P		Art. 2.1, 2.6 A, & 2.6 C
B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	P		Art. 2.4 B, & 2.4 H
C. GRADE, TYPE, AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHO BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES	P		Art. 3.4, & 3.6 A
D. PRESTRESSING TECHNIQUE	P		Art. 3.6 B
E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	C[b] / P[c]		Art. 2.1 C.1
F. SAMPLE PANEL CONSTRUCTION	P		Art. 1.6 D
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:			
A. GROUT SPACE	P		Art. 3.2 D & 3.2 F
B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES	P	Sec. 10.8 & 10.9	Art. 2.4 & 3.6
C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	P	Sec. 6.1, 6.3.1, 6.3.6, & 6.3.7	Art. 3.2 E & 3.4
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	P		Art. 2.6 B & 2.4 G.1.b
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:			
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	P		Art. 1.5
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	P		Art. 3.3 B
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS	P		Art. 3.3 F
D. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	P	Sec. 1.2.1(e), 6.2.1	
E. WELDING OF REINFORCEMENT	C	Sec. 6.1.6.1.2	
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPS BELOW 40°F (4.4°C)) OR HOT WEATHER (TEMPS ABOVE 90°F (32.2°C))	P		Art. 1.8 C & 1.8 D
G. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	C		Art. 3.6 B
H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE.	C		Art. 3.5 & 3.6 C
I. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	C[b] / P[c]		Art. 3.3 B.9 & 3.3 F.1.b
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMEN, AND/OR PRISMS	P		Art. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, & 1.4 B.4

a. FREQUENCY REFERS TO THE FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE LISTED TASK OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE.
NR = NOT REQUIRED, P = PERIODIC, C = CONTINUOUS
b. REQUIRED FOR THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.
c. REQUIRED AFTER THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

SECTION 1705.6 -- SOILS			
TYPE	FREQUENCY OF INSPECTION		REFERENCED STANDARD
	CONTINUOUS	PERIODIC	
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	-	X	
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X	
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X	
4. DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X	

STATEMENT OF SPECIAL INSPECTIONS:

1. THE STATEMENT OF SPECIAL INSPECTIONS OUTLINED IN THIS SECTION, AS SPECIFIED BY CHAPTER 17 OF THE 2021 IBC, REQUIRES THAT THE OWNER EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS LISTED IN THE TABLE ON THIS SHEET. A REPORT SHALL BE FURNISHED TO THE BUILDING OFFICIAL AND THE APPROPRIATE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE UPON THE COMPLETION EACH INSPECTION. UPON COMPLETION OF ALL SPECIAL INSPECTIONS A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL.
2. CONTRACTOR SHALL SUBMIT WRITTEN STATEMENT OF RESPONSIBILITY ACCORDING TO THE REQUIREMENTS LISTED IN SECTION 1704.4 OF THE IBC TO THE BUILDING OFFICIAL, OWNER, AND ENGINEER OF RECORD.
3. ALL STRUCTURAL COMPONENTS AND STRUCTURAL SYSTEMS SHALL BE TESTED AND INSPECTED ACCORDING TO THE APPROPRIATE CODE SPECIFICATIONS LISTED IN THE TABLES ON THIS SHEET.
4. WORK DONE IN FABRICATOR SHOP REQUIRES INSPECTOR UNLESS THE FABRICATOR IS REGISTERED AND APPROVED ACCORDING TO IBC 1704.2.5.1. WHERE FABRICATOR IS APPROVED, PROVIDE FABRICATOR CERTIFICATION DOCUMENT. AT COMPLETION OF FABRICATION, SUBMIT CERTIFICATE OF COMPLIANCE TO BUILDING OFFICIAL STATING WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
5. SPECIAL INSPECTIONS NOTED AS "PERIODIC": THE INSPECTIONS AGENCY'S PART-TIME OR INTERMITTENT OBSERVATION OF WORK DURING CONSTRUCTION BY BEING PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED, AND OBSERVATION UPON COMPLETION OF THE WORK.
6. SPECIAL INSPECTIONS NOTED AS "CONTINUOUS": THE INSPECTION AGENCY'S FULL-TIME OBSERVATION OF WORK BY BEING PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
7. STRUCTURAL OBSERVATIONS DURING CONSTRUCTION WILL NOT BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD UNLESS SPECIFICALLY REQUESTED BY THE CLIENT.
8. WIND AND SEISMIC FORCE RESISTING SYSTEM: SPECIAL REINFORCED MASONRY SHEAR WALLS AND CANTILEVERED TIMBER FRAMES

SECTION 1705.12.3 -- SPECIAL INSPECTIONS FOR WIND RESISTING COMPONENTS			
VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCED STANDARD
	CONTINUOUS	PERIODIC	
1. ROOF COVERING, ROOF DECK, AND ROOF FRAMING CONNECTIONS.	-	X	
2. EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING.	-	X	

SECTION 1705.13.2 -- STRUCTURAL WOOD SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE			
TYPE	FREQUENCY OF INSPECTION		REFERENCED STANDARD
	CONTINUOUS	PERIODIC	
1. INSPECTION OF FIELD GLUING OPERATIONS OF ELEMENTS OF THE SEISMIC FORCE-RESISTING SYSTEM.	X	-	
2. INSPECTION OF NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC FORCE-RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES, SHEAR PANELS, AND HOLD-DOWNS.	-	X	

SECTION 1705.13.5 -- ARCHITECTURAL COMPONENTS FOR SEISMIC RESISTANCE AND SECTION 1705.13.6 -- MEP COMPONENTS FOR SEISMIC RESISTANCE			
REQUIRED VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		IBC REFERENCE
	CONTINUOUS	PERIODIC	
1. ERECTION AND FASTENING OF EXTERIOR CLADDING, INTERIOR AND EXTERIOR NONBEARING WALLS, AND INTERIOR AND EXTERIOR VENEER IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY D, E, OR F.	-	X	1705.13.5
1. ANCHORAGE OF ELECTRICAL EQUIPMENT FOR EMERGENCY AND STANDBY POWER SYSTEMS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F. 2. ANCHORAGE OF OTHER ELECTRICAL EQUIPMENT IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY E OR F. 3. INSTALLATION AND ANCHORAGE OF PIPING SYSTEMS DESIGNED TO CARRY HAZARDOUS MATERIALS AND THEIR ASSOCIATED MECHANICAL UNITS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F. 4. INSTALLATION AND ANCHORAGE OF DUCTWORK DESIGNED TO CARRY HAZARDOUS MATERIALS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F. 5. INSTALLATION AND ANCHORAGE OF VIBRATION ISOLATION SYSTEMS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F WHERE THE APPROVED CONSTRUCTION DOCUMENTS REQUIRE A NOMINAL CLEARANCE OF 1/4 INCH (6.4 MM) OR LESS BETWEEN THE EQUIPMENT SUPPORT FRAME AND RESTRAINT. 6. INSTALLATION OF MECHANICAL AND ELECTRICAL EQUIPMENT, INCLUDING DUCT WORK, PIPING SYSTEMS AND THEIR STRUCTURAL SUPPORTS, WHERE AUTOMATIC SPRINKLER SYSTEMS ARE INSTALLED IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F TO VERIFY ONE OF THE FOLLOWING: 6.1. MINIMUM CLEARANCES HAVE BEEN PROVIDED AS REQUIRED BY SECTION 13.2.3 ASCE/SEI 7. 6.2. A NOMINAL CLEARANCE OF NOT LESS THAN 3 INCHES (76 MM) HAS BEEN BE PROVIDED BETWEEN AUTOMATIC SPRINKLER SYSTEM DROPS AND SPRIGS AND: STRUCTURAL MEMBERS NOT USED COLLECTIVELY OR INDEPENDENTLY TO SUPPORT THE SPRINKLERS; EQUIPMENT ATTACHED TO THE BUILDING STRUCTURE; AND OTHER SYSTEMS' PIPING.	-	X	1705.13.6

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#	DESCRIPTION	DATE

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QC REVIEW DOCUMENTS

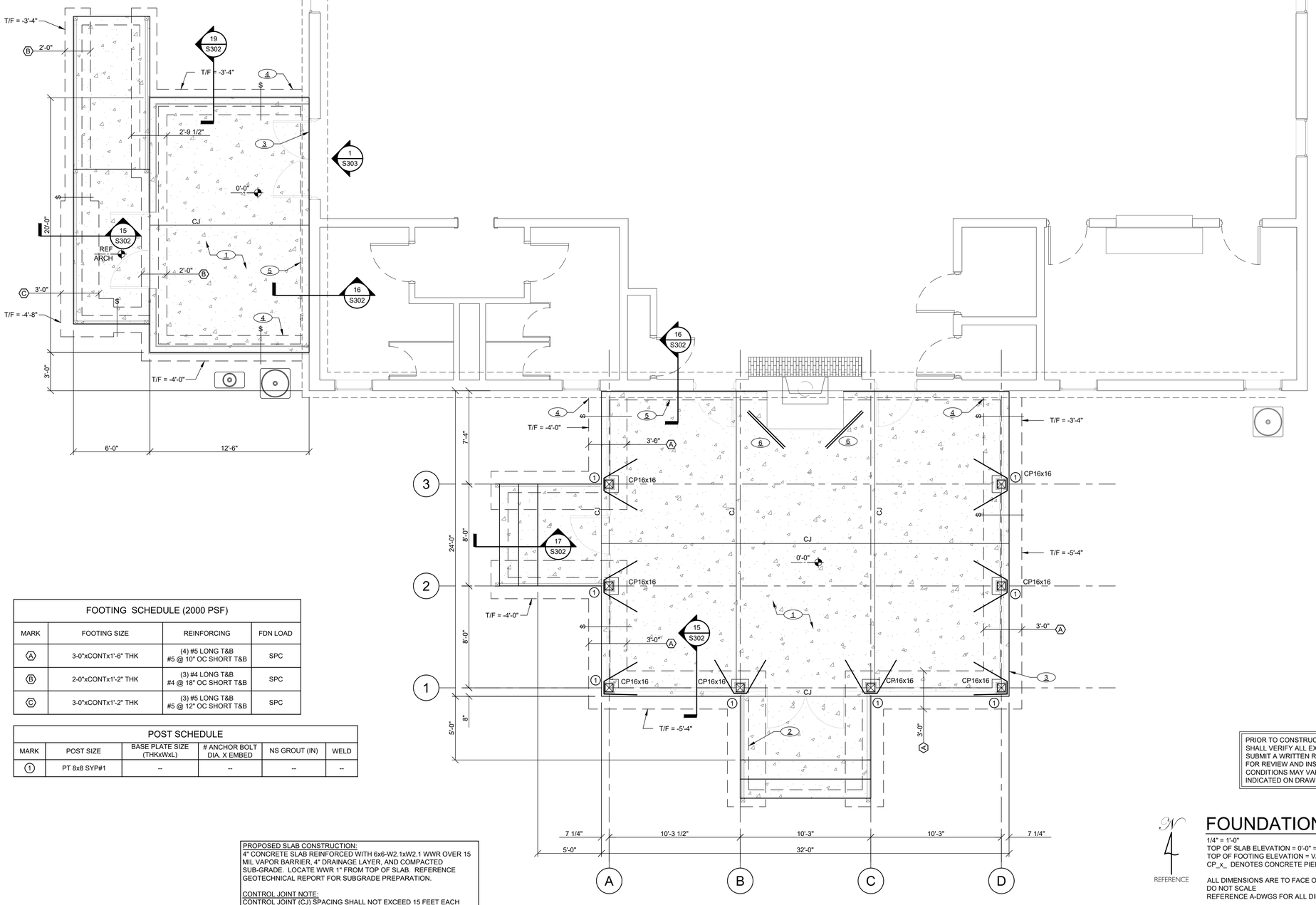
QUALITY ASSURANCE PLAN

Project Number: 21081
Date: MAY 19, 2023
Drawn By: mjym/CJM

S002

SHEET NOTES:

1. 4" CONCRETE SLAB, REF NOTES THIS SHEET
2. 8" CMU WALL, #5 @ 16" OC EW - CENTERED
3. EDGE OF SLAB
4. MATCH EXISTING TOP OF FOOTING
5. 8x8 TURNDOWN W/ (1) #5 CONT
6. (2) #4 x48" @ MID-DEPTH OF SLAB



FOOTING SCHEDULE (2000 PSF)			
MARK	FOOTING SIZE	REINFORCING	FDN LOAD
(A)	3-0"xCONTx1'-6" THK	(4) #5 LONG T&B #5 @ 10" OC SHORT T&B	SPC
(B)	2-0"xCONTx1'-2" THK	(3) #4 LONG T&B #4 @ 18" OC SHORT T&B	SPC
(C)	3-0"xCONTx1'-2" THK	(3) #5 LONG T&B #5 @ 12" OC SHORT T&B	SPC

POST SCHEDULE					
MARK	POST SIZE	BASE PLATE SIZE (THKxWxL)	# ANCHOR BOLT DIA. X EMBED	NS GROUT (IN)	WELD
(1)	PT 8x8 SYP#1	--	--	--	--

PROPOSED SLAB CONSTRUCTION:
4" CONCRETE SLAB REINFORCED WITH 6x6-W2.1xW2.1 WWR OVER 15 MIL VAPOR BARRIER, 4" DRAINAGE LAYER, AND COMPACTED SUB-GRADE. LOCATE WWR 1" FROM TOP OF SLAB. REFERENCE GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION.

CONTROL JOINT NOTE:
CONTROL JOINT (CJ) SPACING SHALL NOT EXCEED 15 FEET EACH WAY, AND SLAB UNITS CREATED BY JOINT LAYOUTS SHOULD BE AS SQUARE AS POSSIBLE WITH A MAXIMUM ASPECT RATIO OF 1.25 TO 1. (REFERENCE DETAIL 1/S301)

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SUBMIT A WRITTEN REPORT TO THE A/E TEAM FOR REVIEW AND INSTRUCTION. ACTUAL FIELD CONDITIONS MAY VARY FROM INFORMATION INDICATED ON DRAWINGS.

FOUNDATION/SLAB PLAN - HALL

1/4" = 1'-0"
TOP OF SLAB ELEVATION = 0'-0" = 31.5' MATCH EXISTING (DATUM)
TOP OF FOOTING ELEVATION = VARIES (FIELD COORD WITH FINAL GRADE)
CP_x_ DENOTES CONCRETE PIER, REF SEC 19/S302

ALL DIMENSIONS ARE TO FACE OF CMU/ EDGE OF CONCRETE (UNO)
DO NOT SCALE
REFERENCE A-DWGS FOR ALL DIMENSIONS NOT ON PLAN

(A) DENOTES FOOTING TYPE, REF SCHED ON THIS SHEET
(#) DENOTES SHEET NOTE, REF SCHED ON THIS SHEET
#'-#" TOP OF CONCRETE SLAB ELEVATION
$ DENOTES FOOTING STEP, FIELD COORD LOCATIONS (REF DET 18/S302)

4 REFERENCE

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QC REVIEW DOCUMENTS

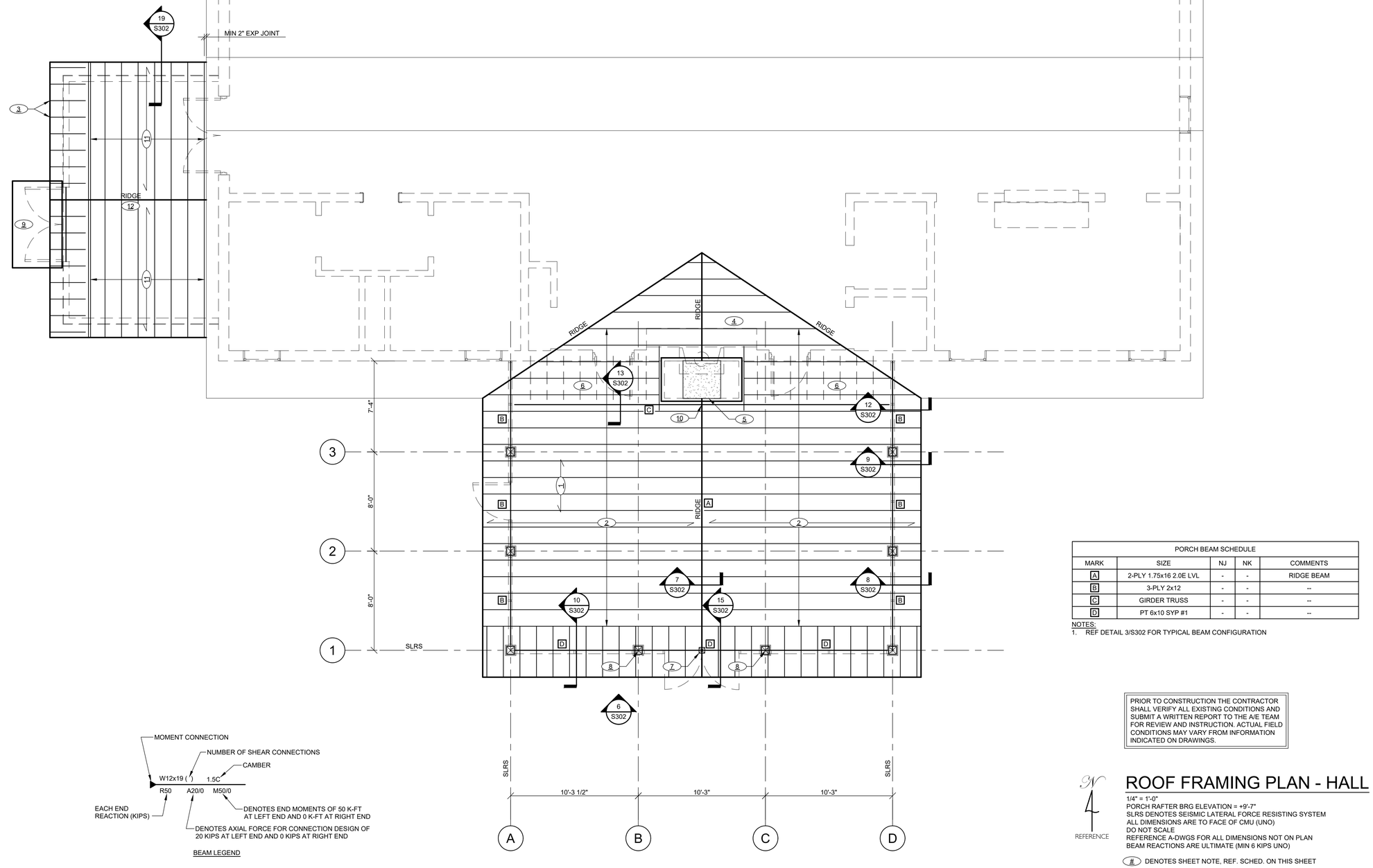
FOUNDATION/SLAB PLAN HALL

Project Number:	21081
Date:	MAY 19, 2023
Drawn By:	mjym/CJM

S101

SHEET NOTES:

1. 5/8" EXP1 WSP (REF GEN NOTES FOR ATTACHMENT)
2. 2x8 PORCH RAFTERS WITH LRU26Z @ 16" OC
3. 2x8 OUTRIGGERS WITH LU26 @ 16" OC
4. OVERFRAMING (REF DET 11/S302)
5. MIN 3" STRUCTURAL EXPANSION JOINT AT CHIMNEY
6. 2x CEILING JOISTS @ 16" OC
7. 6x6 WOOD POST W/ ECCQ46-SDS2.5 COL CAP (TOP) AND CCQ46-SDS2.5 COL CAP (BTM)
8. EXTEND TIMBER COL TO UNDERSIDE OF DBL PLATE
9. PE AWNING BY OTHERS
10. RIDGE BEAM TO TRUSS: HGUS412
11. 2x8 RAFTERS @ 16" OC W/ 2x6 CLG JOIST
12. REF DET 6/S303 FOR RIDGE CONSTRUCTION



PORCH BEAM SCHEDULE				
MARK	SIZE	NJ	NK	COMMENTS
A	2-PLY 1.75x16 2.0E LVL	-	-	RIDGE BEAM
B	3-PLY 2x12	-	-	--
C	GIRDER TRUSS	-	-	--
D	PT 6x10 SYP #1	-	-	--

NOTES:
1. REF DETAIL 3/S302 FOR TYPICAL BEAM CONFIGURATION

BEAM LEGEND

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SUBMIT A WRITTEN REPORT TO THE A/E TEAM FOR REVIEW AND INSTRUCTION. ACTUAL FIELD CONDITIONS MAY VARY FROM INFORMATION INDICATED ON DRAWINGS.

ROOF FRAMING PLAN - HALL

1/4" = 1'-0"
PORCH RAFTER BRG ELEVATION = +9'-7"
SLRS DENOTES SEISMIC LATERAL FORCE RESISTING SYSTEM
ALL DIMENSIONS ARE TO FACE OF CMU (UNO)
DO NOT SCALE
REFERENCE A-DWGS FOR ALL DIMENSIONS NOT ON PLAN
BEAM REACTIONS ARE ULTIMATE (MIN 6 KIPS UNO)

4 REFERENCE

(#) DENOTES SHEET NOTE, REF. SCHED. ON THIS SHEET

ML-# DENOTES LINTEL TYPE, REF. SCHED. ON THIS SHEET

A DENOTES BEAM TYPE, REF SCHED. ON THIS SHEET

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RAVENEL COMMUNITY HALL ADD & CONCESSIONS BLDG
5701 CORNERS STREET
RAVENEL, SC 29470

#	DESCRIPTION	DATE

☐ APPROVED FOR CONSTRUCTION

QC REVIEW DOCUMENTS

ROOF FRAMING PLAN HALL

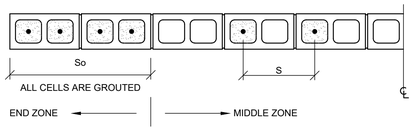
Project Number:	21081
Date:	MAY 19, 2023
Drawn By:	mjym/CJM

S102

SHEET NOTES:

1. 4" CONCRETE SLAB, REF NOTES THIS SHEET
2. 8" CMU WALL, REF SCHED FOR REINF
3. EDGE OF SLAB
4. INSIDE FACE OF STEMWALL
5. 8x8 TIMBER COLUMN
6. 1 COARSE 6" CMU UNDER WALL, GROUT SOLID, REF SEC 4/S304 (COORD LOCATION W/ A-DWGS)
7. 5/8" EXP1 WSP (REF GEN NOTES FOR ATTACHMENT)
8. 2x8 RAFTERS @ 16" OC
9. 2x8 OUTRIGGERS W/ LU26 @ 16" OC
10. SLOPED CONC BEAM @ UNDERSIDE OF RAFTERS
11. CMU BOND BEAM @ UNDERSIDE OF RAFTERS
12. 2x PORCH RAFTERS @ 16" OC
13. REF DET 5/S304 FOR CORNER CONN

CMU WALL REINFORCING SCHEDULE							
WALL ID	CMU SIZE (IN)	GROUT SOLID	LEVEL	VERTICAL REINFORCING			HORIZ SEISMIC REINFORCING (UNO)
				So BARS		S BARS	
				BARS/CELL	CELLS	SIZE & SPACING	
ALL WALLS	8	NO	ALL	(1) #5	2	#5 @ 40" OC	#5 @ 40" OC



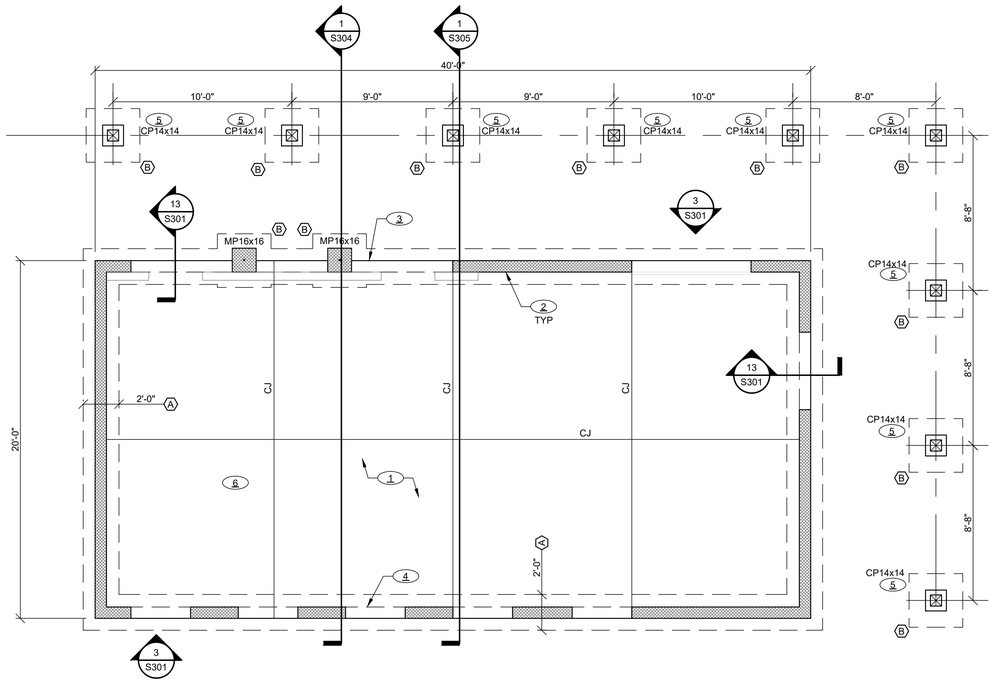
CMU WALL REINFORCING

PORCH BEAM SCHEDULE				
MARK	SIZE	NJ	NK	COMMENTS
A	(2) 2x10	-	-	-
B	(2) 2x10	-	-	HIP BEAM
C	(3) 2x6	1	1	-

NOTES:
1. REF DETAIL 3/S302 FOR TYPICAL BEAM CONFIGURATION

CMU LINTEL SCHEDULE						
LINTEL MARK	WALL THICKNESS	CLEAR SPAN	LINTEL DEPTH	BOTTOM REINFORCING	TOP REINFORCING	JAMB REINF EA SIDE
ML-1	8"	4'-4" MAX	16"	(2) #5	--	(2) #5
ML-2	8"	6'-8" MAX	16"	(2) #5	(2) #5	(2) #5

MASONRY LINTEL NOTES
1. GROUTED LINTEL BLOCKS IN EXTERIOR WALLS SHALL EXTEND A MINIMUM OF 16" BEYOND FACE OF OPENING EACH SIDE. THE FIRST (2) VERTICAL CELLS ON EACH SIDE OF THE OPENING SHALL BE GROUTED AND CONTAIN JAMB REINF AS INDICATED IN THE ABOVE SCHEDULE.
2. GROUT FOR LINTELS SHALL BE PLACED IN SINGLE LIFTS AND WITHOUT COLD JOINTS UNLESS OTHERWISE APPROVED BY THE ENGINEER. USE A FINE GROUT MIX FOR ALL LINTELS OVER 2'-0" DEEP.
3. COORDINATE REINFORCING WITH SHEAR WALL SCHEDULE ON THIS SHEET



FOUNDATION/SLAB PLAN

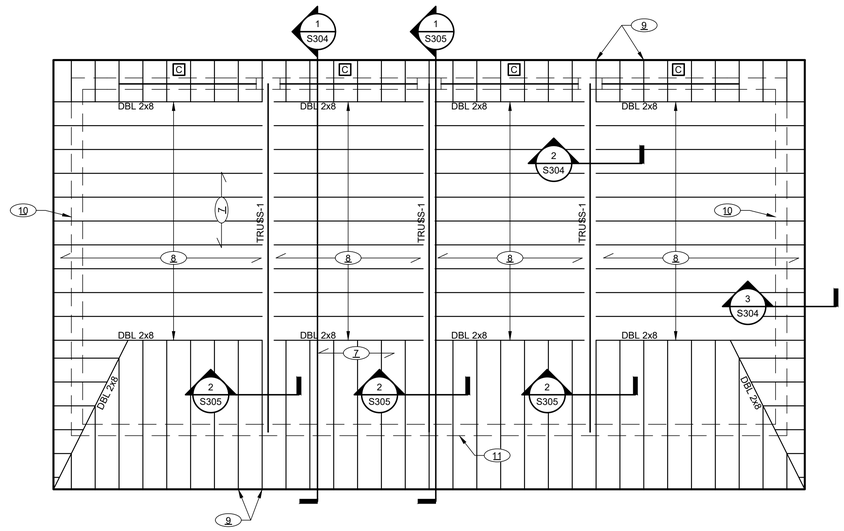
1/4" = 1'-0"
TOP OF SLAB ELEVATION = 0'-0" (DATUM)
TOP OF FOOTING ELEVATION = -1'-4" (UNO)
CP_x_ DENOTES CONCRETE PIER, REF DET 6/S305
MP_x_ DENOTES CONCRETE MASONRY PIER, REF DET 6/S304
ALL DIMENSIONS ARE TO FACE OF CMU/ EDGE OF CONCRETE (UNO)
DO NOT SCALE
REFERENCE A-DWGS FOR ALL DIMENSIONS NOT ON PLAN

(A) DENOTES FOOTING TYPE, REF SCHED ON THIS SHEET
(#) DENOTES SHEET NOTE, REF SCHED ON THIS SHEET
#'-#" TOP OF CONCRETE SLAB ELEVATION

PROPOSED SLAB CONSTRUCTION:
4" CONCRETE SLAB REINFORCED WITH 6x6-W2.1xW2.1 WWR OVER 15 MIL VAPOR BARRIER, 4" DRAINAGE LAYER, AND COMPACTED SUB-GRADE. LOCATE WWR 1" FROM TOP OF SLAB. REFERENCE GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION.

CONTROL JOINT NOTE:
CONTROL JOINT (CJ) SPACING SHALL NOT EXCEED 15 FEET EACH WAY, AND SLAB UNITS CREATED BY JOINT LAYOUTS SHOULD BE AS SQUARE AS POSSIBLE WITH A MAXIMUM ASPECT RATIO OF 1.25 TO 1. (REFERENCE DETAIL 1/S301)

FOOTING SCHEDULE (2000 PSF)			
MARK	FOOTING SIZE	REINFORCING	MAX COL LOAD
A	2-0"xCONTx1'-0" THK	(3) #4 LONG #4 @ 18" OC SHORT	4 KLF
B	3'-0"x3'-0"x12" THK	(4) #4 EW	18 K

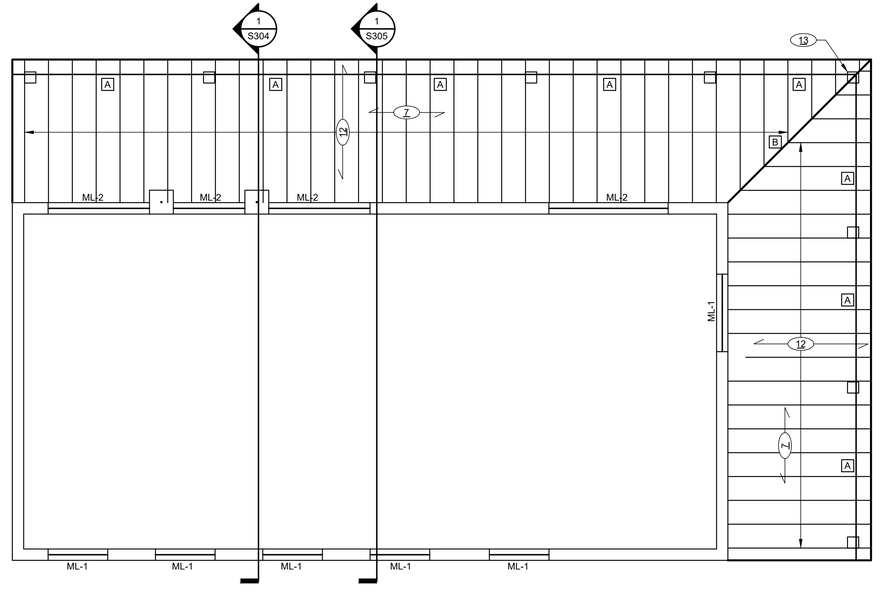


HIGH ROOF FRAMING PLAN

1/4" = 1'-0"
TRUSS BEARING ELEVATION = +11'-4"

ALL DIMENSIONS ARE TO FACE OF CMU (UNO)
DO NOT SCALE
REFERENCE A-DWGS FOR ALL DIMENSIONS NOT ON PLAN

(#) DENOTES SHEET NOTE, REF. SCHED. ON THIS SHEET
ML-# DENOTES LINTEL TYPE, REF. SCHED. ON THIS SHEET
[A] DENOTES BEAM TYPE, REF SCHED. ON THIS SHEET



LOW ROOF FRAMING PLAN

1/4" = 1'-0"
PORCH RAFTER BRG ELEVATION = +9'-0"

ALL DIMENSIONS ARE TO FACE OF CMU (UNO)
DO NOT SCALE
REFERENCE A-DWGS FOR ALL DIMENSIONS NOT ON PLAN

(#) DENOTES SHEET NOTE, REF. SCHED. ON THIS SHEET
ML-# DENOTES LINTEL TYPE, REF. SCHED. ON THIS SHEET
[A] DENOTES BEAM TYPE, REF SCHED. ON THIS SHEET

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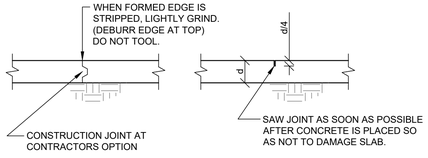
FOUNDATION AND ROOF PLANS - CONCESSIONS

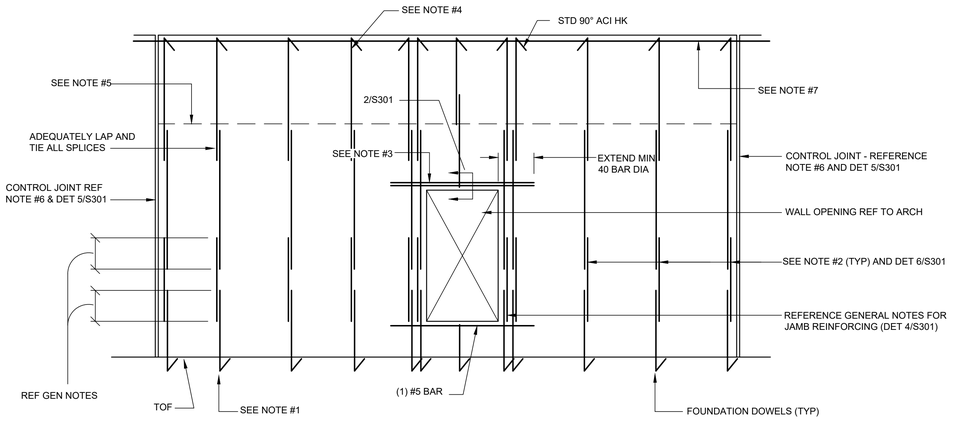
Project Number:	21081
Date:	MAY 19, 2023
Drawn By:	mjym/CJM

S103

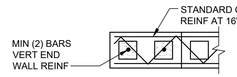


CONSTRUCTION AND CONTROL JOINT DETAILS

DETAIL 1/S301 NTS



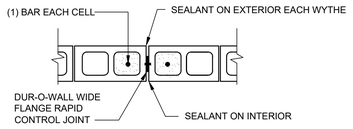
TYPICAL MASONRY WALL REINFORCING DIAGRAM



FILL MIN (2) CELLS WITH GROUT AND (1) REINF BAR PER CELL FROM FTG TO TOP OF WALL. PROVIDE DOWELS INTO FTG TO MATCH.

TYP CMU JAMB REINF

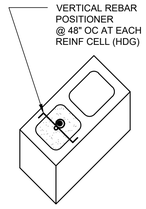
DETAIL 4/S301 NTS



TYP REINF AT CONTROL JOINTS

DETAIL 5/S301 N.T.S.

NOTE: COORDINATE CONTROL JOINT LOCATIONS WITH A-DWGS.



TYP REINF POSITIONER

DETAIL 6/S301 N.T.S.

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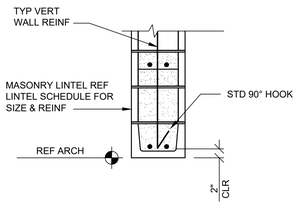
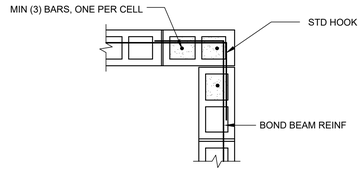
MASONRY WALL REINFORCING NOTES

1. VERTICAL WALL REINFORCING SHALL ALIGN WITH VERTICAL FOUNDATION DOWELS. DOWELS SHALL BE PLACED IN CENTER OF CMU WALL WITH ACI STANDARD LAP. LAP WITH VERTICAL REINF OF CONCRETE STEMWALL.
2. TYPICAL VERTICAL WALL REINFORCEMENT SHALL BE PLACED IN CENTER OF WALL. GROUT CELLS FULL THAT CONTAIN REINFORCEMENT. FOR CLARITY, ALL VERTICAL AND HORIZONTAL REINFORCING IS SHOWN CONTINUOUS, HOWEVER VERTICAL SHALL BE LAPPED AND SPLICED TO ACCOMODATE MAXIMUM GROUT LIFTS OF 4'-0" AND HORIZONTAL BARS SHALL BE LAPPED AND SPLICED AS REQUIRED. ALL VERTICAL BARS SHALL BE ACCURATELY LOCATED WITHIN THE CELL WITH REBAR POSITIONERS PRIOR TO PLACING GROUT IN CELLS. ALL LAPS SHALL BE PER GENERAL NOTES UNLESS NOTED OTHERWISE.
3. REFERENCE CMU LINTEL SCHEDULE THIS SHEET FOR SIZE, LOCATION AND QUANTITY OF LINTEL REINFORCEMENT.
4. ALL VERTICAL REINFORCING SHALL STOP 2" CLEAR FROM TOP OF WALL UNLESS NOTED.
5. HORIZONTAL JOINT REINFORCING SHALL BE STANDARD TRUSS TYPE AT 16" OC - DISCONTINUE AT CONTROL JOINTS.
6. MASONRY CONTROL JOINTS SHALL BE DISCONTINUOUS AT ALL BOND BEAMS AND SHALL NOT EXTEND BELOW GRADE. COORDINATE EXACT LOCATION OF MASONRY CONTROL JOINTS WITH THE ARCHITECT.
7. REFERENCE SECTIONS AND DETAILS FOR SIZE AND LOCATION OF BOND BEAMS AND QUANTITY OF REINFORCING. PROVIDE CORNER BARS AT ALL BOND BEAM INTERSECTIONS TO MATCH HORIZONTAL REINF.
8. REFERENCE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS IN MASONRY WALLS.

ELEVATION 3/S301 NTS

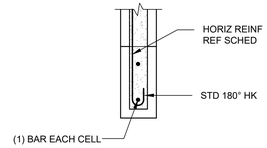


DETAIL 2/S301 NTS



TYP CORNER CMU REINF

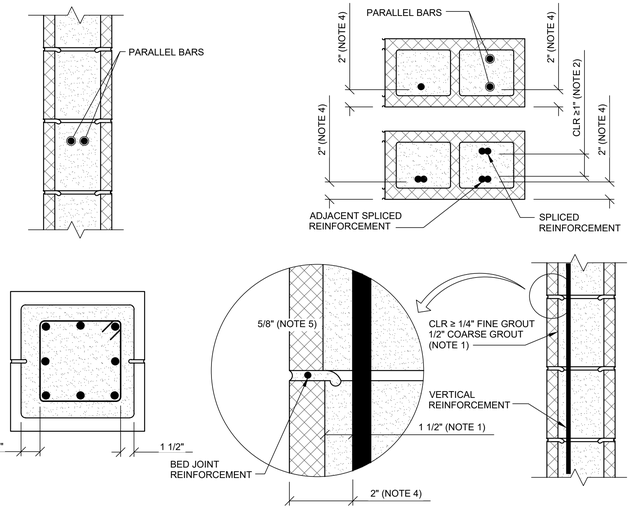
DETAIL 7/S301 NTS



TYP CMU BOND BEAM JAMB REINF

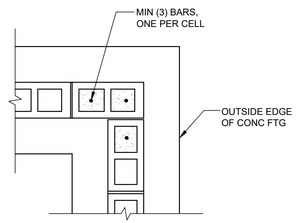
DETAIL 8/S301 NTS

NOTES
1. THE THICKNESS OF GROUT BETWEEN THE REINFORCEMENT AND MASONRY UNITS SHALL NOT BE LESS THAN 1/4" FOR FINE GROUT OR 1/2" FOR COARSE GROUT. (NOTE, THIS REQUIREMENT DOES NOT APPLY TO THE PRESENCE OF MORTAR PROTRUSIONS.)
2. THE CLEAR DISTANCE BETWEEN PARALLEL BARS SHALL NOT BE LESS THAN THE NOMINAL DIAMETER OF THE BARS (dh), NOR LESS THAN 1".
3. IN COLUMNS AND PILASTERS, THE CLEAR DISTANCE BETWEEN VERTICAL BARS SHALL NOT BE LESS THAN ONE AND ONE-HALF TIMES THE NOMINAL BAR DIAMETER (dh), NOR LESS THAN 1 1/2".
4. REINFORCING BARS SHALL HAVE A MASONRY COVER DISTANCE (WHICH INCLUDES THE UNIT, GROUT, AND MORTAR) OF NOT LESS THAN:
   4.1. FOR MASONRY EXPOSED TO EARTH OR WEATHER: 2" FOR BARS LARGER THAN #5 AND 1 1/2 " FOR #5 BARS OR SMALLER.
   4.2. FOR MASONRY NOT EXPOSED TO EARTH OR WEATHER: 1 1/2".
5. JOINT REINFORCEMENT SHALL BE FULLY EMBEDDED IN MORTAR OR GROUT WITH A MINIMUM COVER OR 5/8" WHEN EXPOSED TO EARTH OR WEATHER, OR WHEN THE AVERAGE AMBIENT RELATIVE HUMIDITY EXCEEDS 75%. FOR ALL OTHER CASES, THE MINIMUM COVER DISTANCE IS REQUIRED TO BE 1/2".



PLACEMENT OF REINFORCEMENT

DETAIL 9/S301 NTS



TYP CORNER CMU REINF

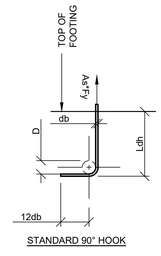
DETAIL 10/S301 NTS

MIN TENSION EMBEDMENT LENGTHS, Ldh, FOR STANDARD HOOKS (IN)			
BAR SIZE	NORMAL WEIGHT CONCRETE, f'c (PSI)		
	3000	4000	5000
#3	7	6	6
#4	8	7	7
#5	10	9	8
#6	12	11	10
#7	14	12	11
#8	16	14	12

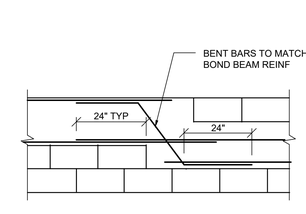
DIMENSION D = 6db FOR #3 THROUGH #8; SIDE COVER > 2 1/2"

END HOOK FOR REINFORCING

DETAIL 11/S301 NTS

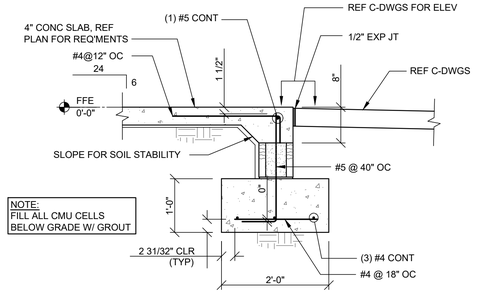


STANDARD 90° HOOK



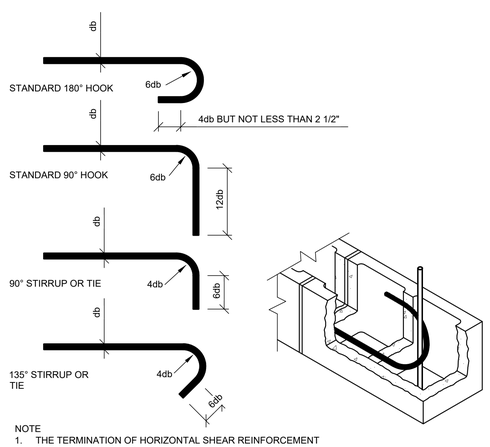
TYPICAL BOND BEAM/LINTEL STEP

DETAIL 12/S301 NTS



TYPICAL SECTION AT DOORWAY

SECTION 13/S301 3/4" = 1'-0"



NOTE
1. THE TERMINATION OF HORIZONTAL SHEAR REINFORCEMENT SHALL BE ANCHORED AROUND VERTICAL REINFORCEMENT BARS WITH A STANDARD HOOK. SPACE TO ACCOMMODATE THE HOOK IS LIMITED. THE HOOK MAY NEED TO BE PLACED ON AN ANGLE WITHIN THE BOND BEAM AS SHOWN.

STANDARD HOOKS AND BENDS

DETAIL 14/S301 NTS

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RAVENEL, SC 29470

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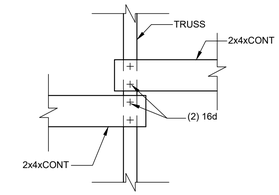
TYPICAL DETAILS

Project Number:	21081
Date:	MAY 19, 2023
Drawn By:	mjym/CJM

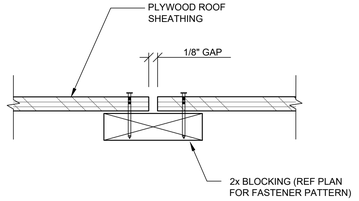
S301



NOTE: REFER TO TRUSS SCHEMATIC ON SHT S001

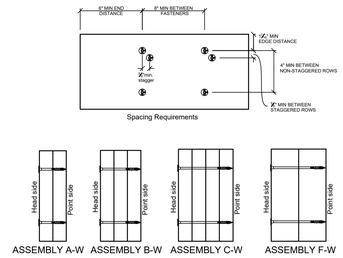
TYPICAL - BRIDGING LAP

DETAIL 1 S302
NTS



TYPICAL PLYWOOD EDGE SUPPORT

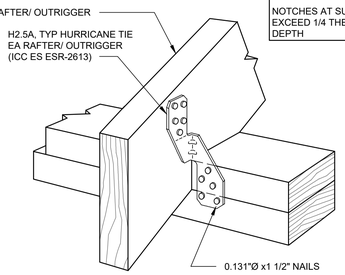
DETAIL 2 S302
NTS



FASTENER: (2) ROWS SIMPSON SDW TRUSS-PLY SCREWS @ 12" OC

CONNECTION REQUIREMENTS FOR MULTI-PLY GIRDERS (ER-192)

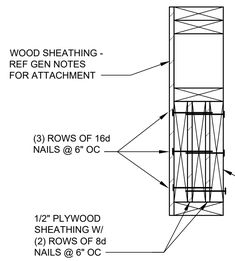
DETAIL 3 S302
NTS



NOTE:
BLOCKING NOT SHOWN FOR CLARITY

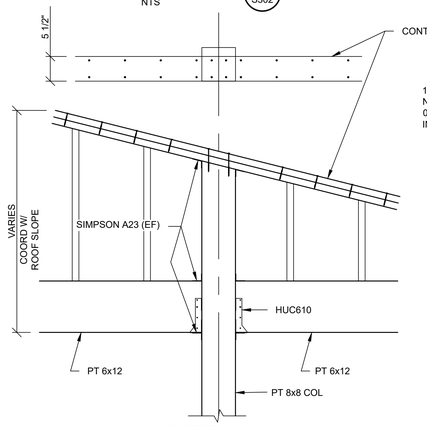
NOTCHES AT SUPPORT SHALL NOT EXCEED 1/4 THE ACTUAL RAFTER DEPTH

DETAIL 4 S302
NTS

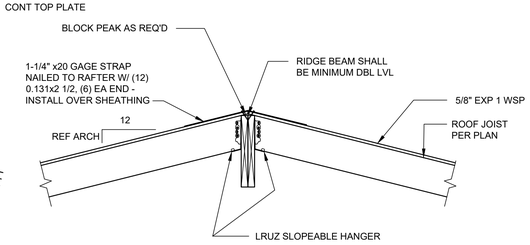


CONNECTION REQUIREMENTS FOR MULTI-PLY HEADERS

DETAIL 5 S302
NTS

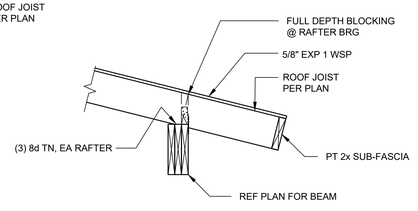


DETAIL 6 S302
NTS

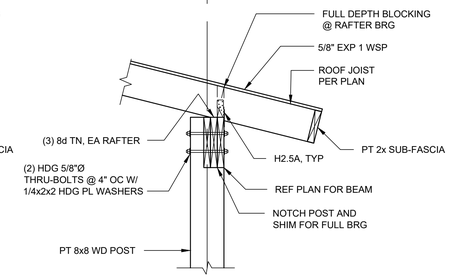


TYPICAL RIDGE W/ STRAPPING

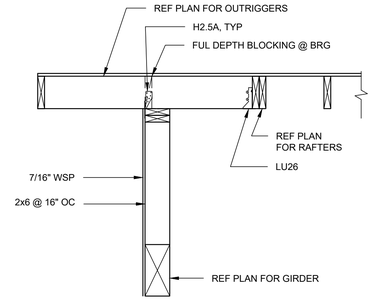
SECTION 7 S302
3/4" = 1'-0"



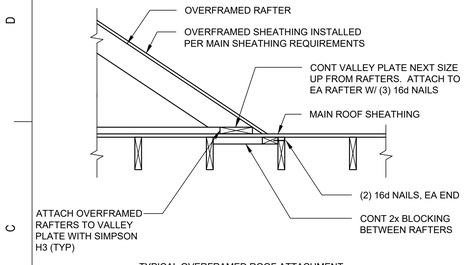
SECTION 8 S302
3/4" = 1'-0"



SECTION 9 S302
3/4" = 1'-0"

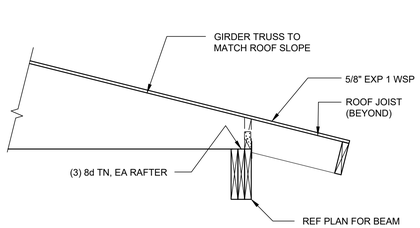


SECTION 10 S302
3/4" = 1'-0"

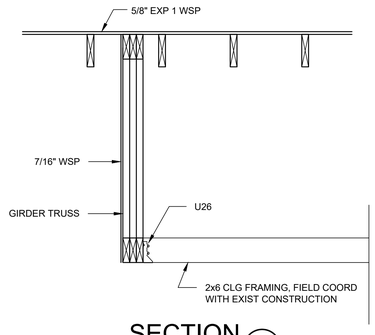


TYPICAL OVERFRAMED ROOF ATTACHMENT

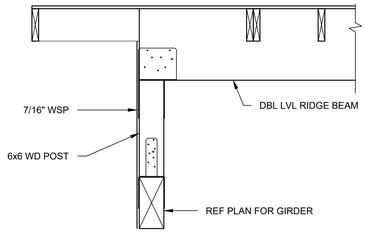
DETAIL 11 S302
NTS



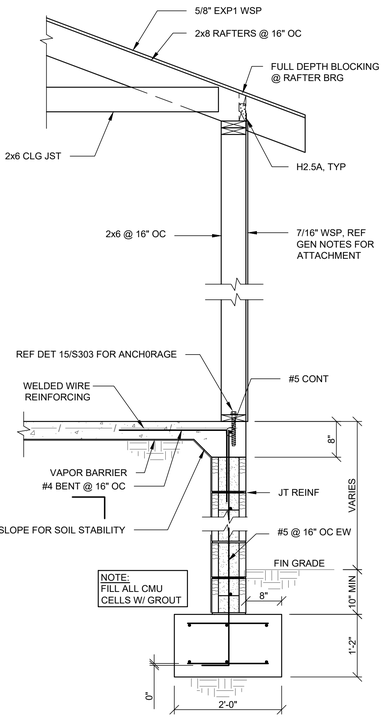
SECTION 12 S302
3/4" = 1'-0"



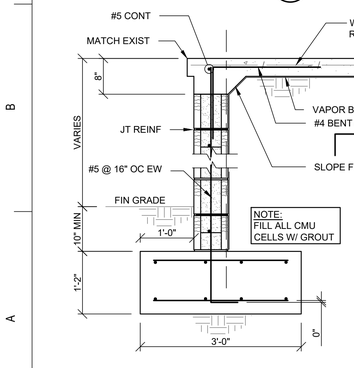
SECTION 13 S302
3/4" = 1'-0"



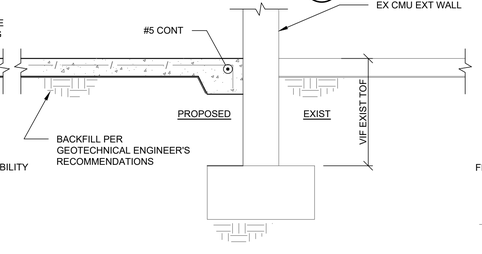
SECTION 14 S302
3/4" = 1'-0"



SECTION 19 S302
3/4" = 1'-0"

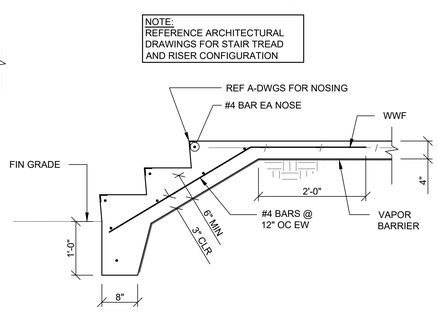


SECTION 15 S302
3/4" = 1'-0"

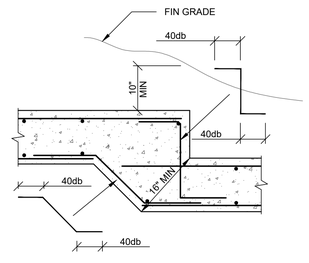


SECTION 16 S302
3/4" = 1'-0"

NOTE:
GC SHALL EXCAVATE AND EXPOSE EXISTING FOOTING PRIOR TO CONSTRUCTION, NOTIFY EOR IF DIFFERENT THAN SHOWN



SECTION 17 S302
3/4" = 1'-0"



TYPICAL STEP FOOTING

DETAIL 18 S302
NTS

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#	DESCRIPTION	DATE

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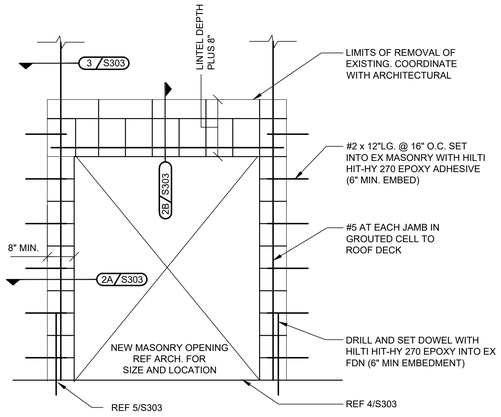
QC REVIEW DOCUMENTS

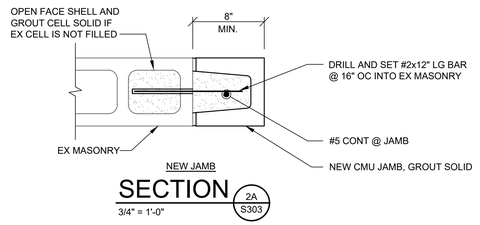
SECTIONS AND DETAILS

Project Number:	21081
Date:	MAY 19, 2023
Drawn By:	mjym/CJM

S302

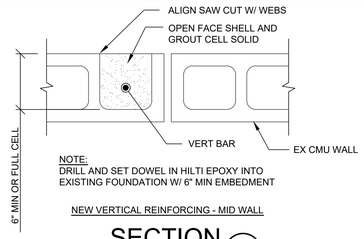


ELEVATION 1 S303
NTS



NEW JAMB

SECTION 2A S303
3/4" = 1'-0"



NOTE:
DRILL AND SET DOWEL IN HILTI EPOXY INTO EXISTING FOUNDATION W/ 6" MIN EMBEDMENT

NEW VERTICAL REINFORCING - MID WALL

SECTION 3 S303
3/4" = 1'-0"

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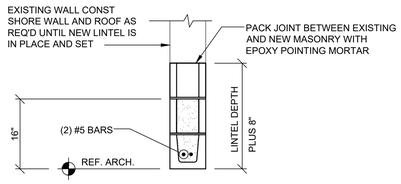
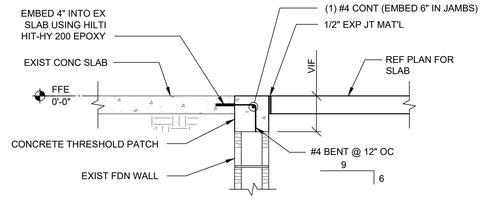


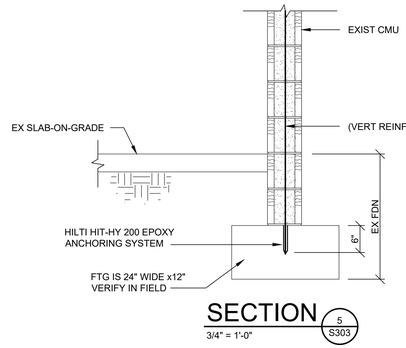
NEW HEAD

SECTION 2B S303
3/4" = 1'-0"



SLAB DETAIL AT NEW OPENING

DETAIL 4 S303
NTS



SECTION 5 S303
3/4" = 1'-0"

STORAGE BLDG RIDGE CONSTRUCTION

DETAIL 6 S303
NTS

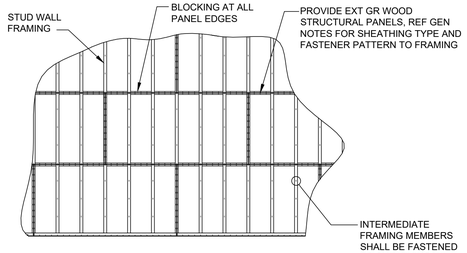
TYPICAL SPLICE - ALL DOUBLE PLATE CONDITIONS - UNO

DETAIL 7 S303
NTS

DETAIL 8 S303
NTS

SECTION 9 S303
3/4" = 1'-0"

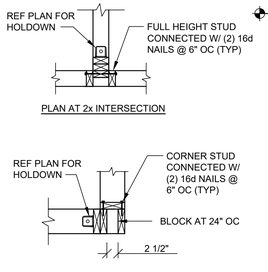
SECTION 10 S303
3/4" = 1'-0"



NOTE:
ORIENTATION OF WALL SHEATHING SHALL BE AS SHOWN. BLOCKING SHALL BE INSTALLED AT ALL PANEL EDGES NOT BACKED BY WALL FRAMING.

TYPICAL EXTERIOR AND SHEAR WALL SHEATHING ATTACHMENT

ELEVATION 11 S303
NTS



PLAN AT 2x INTERSECTION

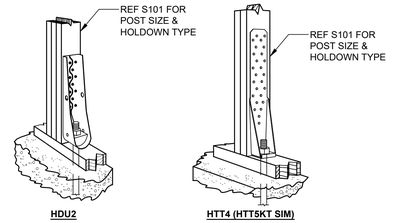
PLAN AT 2x6 CORNER

DETAIL 12 S303
NTS

TYPICAL FRAMED WALL OPENING AT DOORS

ELEVATION 13 S303
N.T.S.

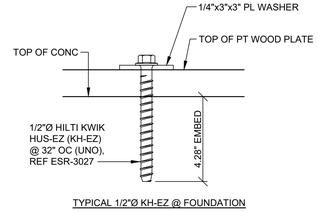
NOTE: THICKEN FTG AS REQ'D TO MAINTAIN 3" COVER AT ANCHOR RODS



SIMPSON STRONG-TIE HOLDOWN

DETAIL 14 S303
NTS

NOTE:
A MINIMUM OF ONE ANCHOR SHALL BE PROVIDED WITHIN 3 TO 6 INCHES OF EACH END OF SOLE PLATE AND SHALL BE LOCATED WITHIN 12 INCHES OF ALL CORNERS.



TYPICAL 1/2"Ø KH-EZ @ FOUNDATION

DETAIL 15 S303
NTS

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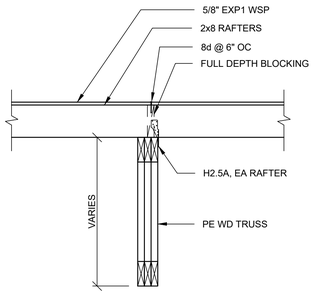
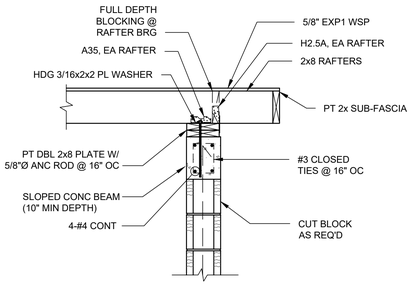
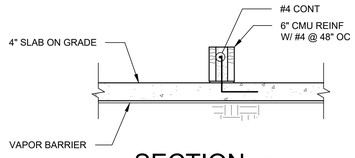
S303



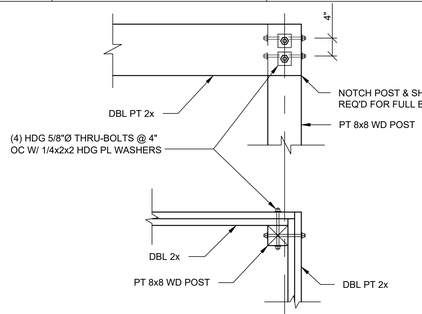
SECTION 2 S304
3/4" = 1'-0"



SECTION 3 S304
3/4" = 1'-0"

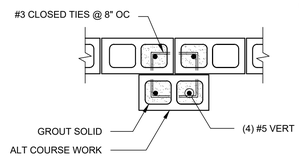


SECTION 4 S304
3/4" = 1'-0"



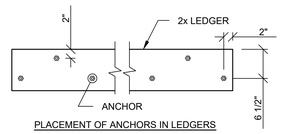
TYPICAL CORNER CONNECTION

DETAIL 5 S304
NTS



TYPICAL CMU PIER (MP)

DETAIL 6 S304
NTS



PLACEMENT OF ANCHORS IN LEDGERS

DETAIL 7 S304
NTS

SECTION 1 S304
3/4" = 1'-0"

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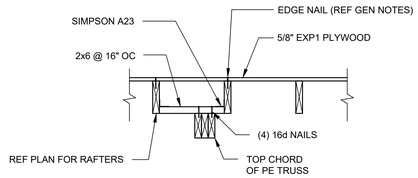
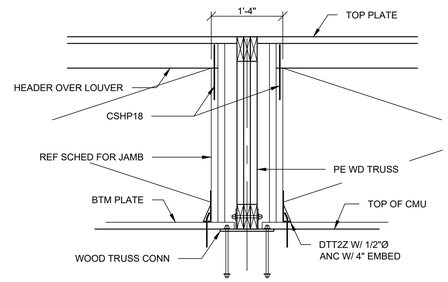
S304



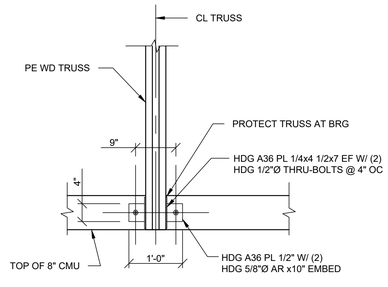
SECTION 2/S305
3/4" = 1'-0"

NOT USED

DETAIL 3/S305
NTS

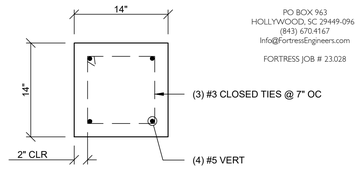


DETAIL 4/S305
NTS



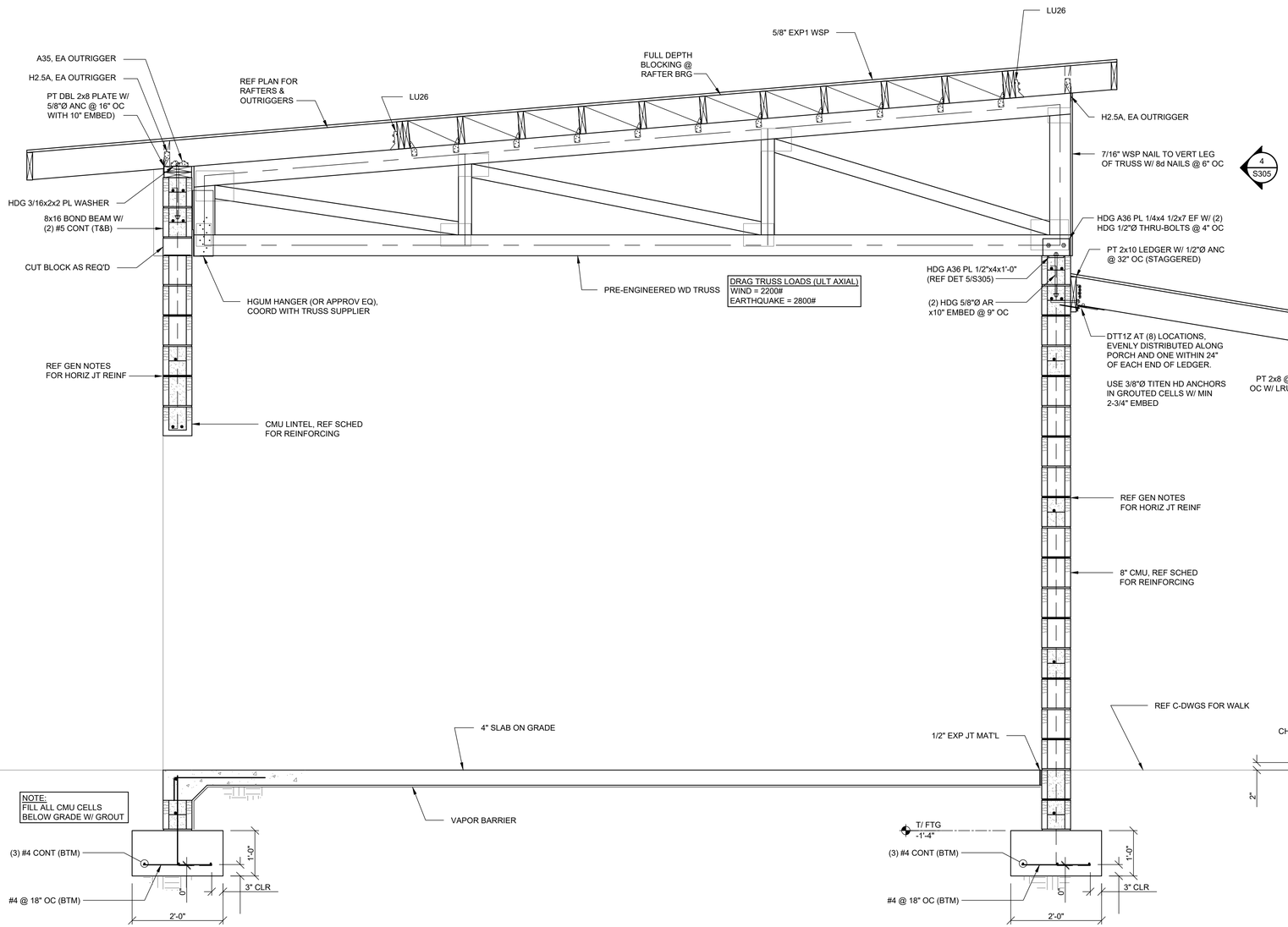
PLAN

DETAIL 5/S305
NTS



TYPICAL CONCRETE PIER (CP)

DETAIL 6/S305
NTS



SECTION 1/S305
3/4" = 1'-0"

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SECTIONS AND DETAILS

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Date:	MAY 19, 2023
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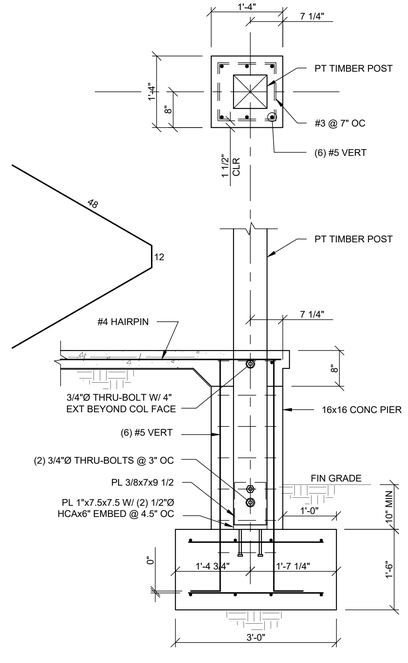
S305



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Project Number:	21081
Date:	MAY 19, 2023
Drawn By:	mjym/CJM

S306

#1. FRONT DOOR

#2. REAR VIEW

#3. SIDE VIEW @ PROPOSED ADDITION

DEMOLITION NOTES

THIS PLAN REPRESENTS EXISTING CONDITIONS. IT IS INTENDED FOR REFERENCE ONLY. THIS PLAN IS NOT INTENDED TO BE A DESCRIPTION OF ALL REQUIRED WORK.

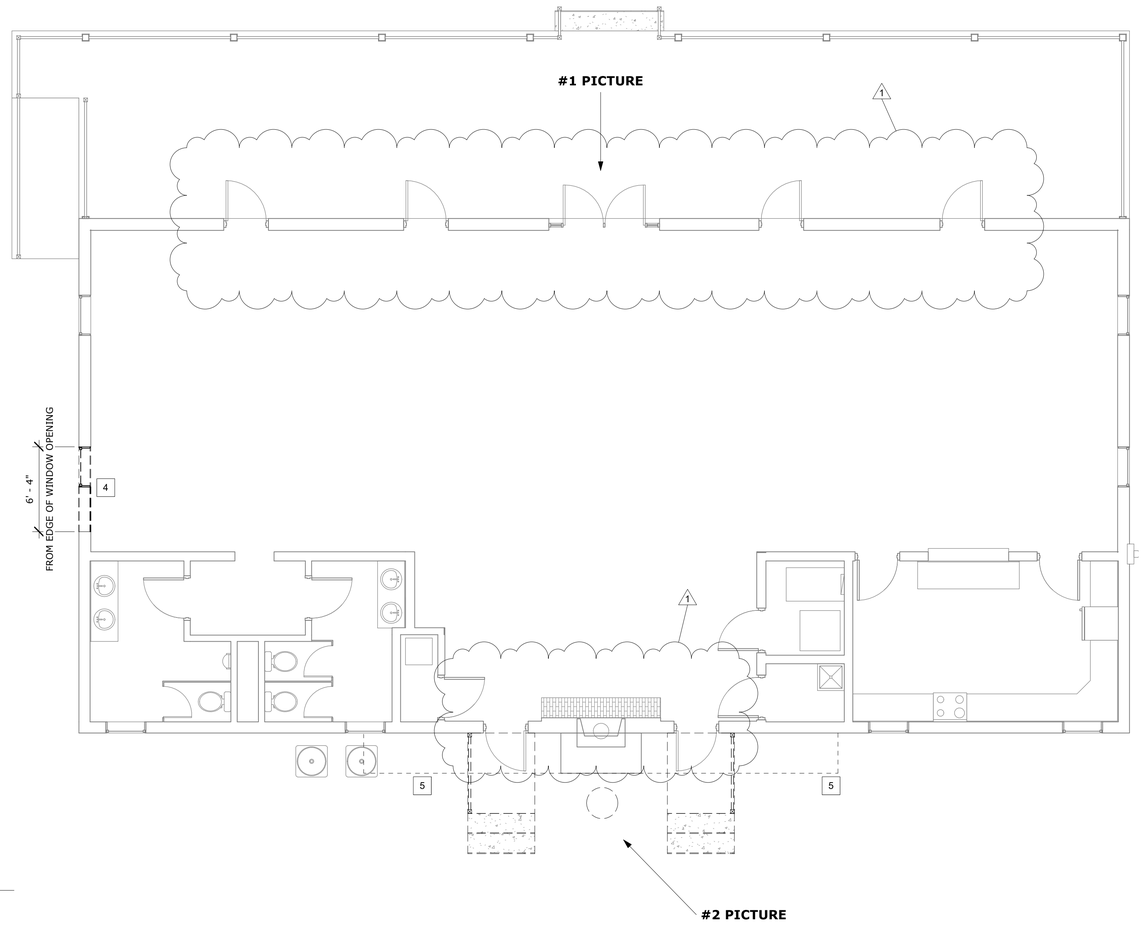
1. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY ALL SITE AND BUILDING LAYOUT DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCY IMMEDIATELY.
2. DEMOLITION INCLUDES HAULING AND PROPER DISPOSAL.
3. REMOVE ALL DOORS, FRAMES AND DOOR HARDWARE NOT NOTED TO REMAIN AND RETURN TO OWNER.
4. ALL AREAS NOT NOTED FOR DEMOLITION ARE TO BE PROTECTED.

DEMOLITION LEGEND

EXISTING DOOR AND DOOR FRAME TO BE REMOVED COMPLETE U.N.O.

DEMOLITION KEYNOTES

1 NOT USED
2 NOT USED
3 NOT USED
4 REMOVE WINDOW, WINDOW FRAME, AND PORTION OF WALL COMPLETE FOR NEW DOOR OPENING
5 PORTION OF RAFTERS, SOFFIT, AND ROOF TO BE REMOVED FOR NEW SCREEN PORCH ADDITION



A1
D1.01 HALL - DEMO PLAN
3/16" = 1'-0"

PLAN &
TRUE
NORTH

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#	DESCRIPTION	DATE
1	ADDENDUM #1	5/19/23

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BIDDING DOCUMENTS

DEMOLITION PLAN - HALL

Project Number: 21081
Date: APRIL 19, 2023
Drawn By: Author

D1.01

5/19/2023 1:20:13 PM

#1. FRONT DOOR

#2. REAR VIEW

#3. SIDE VIEW @ PROPOSED ADDITION

DEMOLITION NOTES

THIS PLAN REPRESENTS EXISTING CONDITIONS. IT IS INTENDED FOR REFERENCE ONLY. THIS PLAN IS NOT INTENDED TO BE A DESCRIPTION OF ALL REQUIRED WORK.

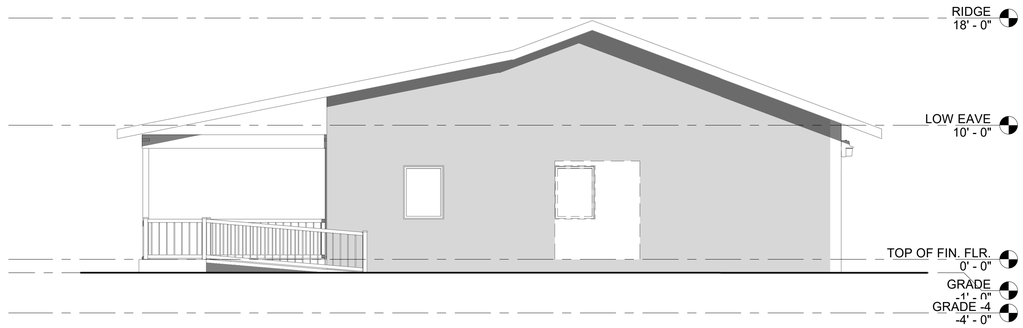
1. PRIOR TO CONSTRUCTION CONTRACTOR TO FIELD VERIFY ALL SITE AND BUILDING LAYOUT DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCY IMMEDIATELY.
2. DEMOLITION INCLUDES HAULING AND PROPER DISPOSAL.
3. REMOVE ALL DOORS, FRAMES AND DOOR HARDWARE NOT NOTED TO REMAIN AND RETURN TO OWNER.
4. ALL AREAS NOT NOTED FOR DEMOLITION ARE TO BE PROTECTED.

DEMOLITION LEGEND

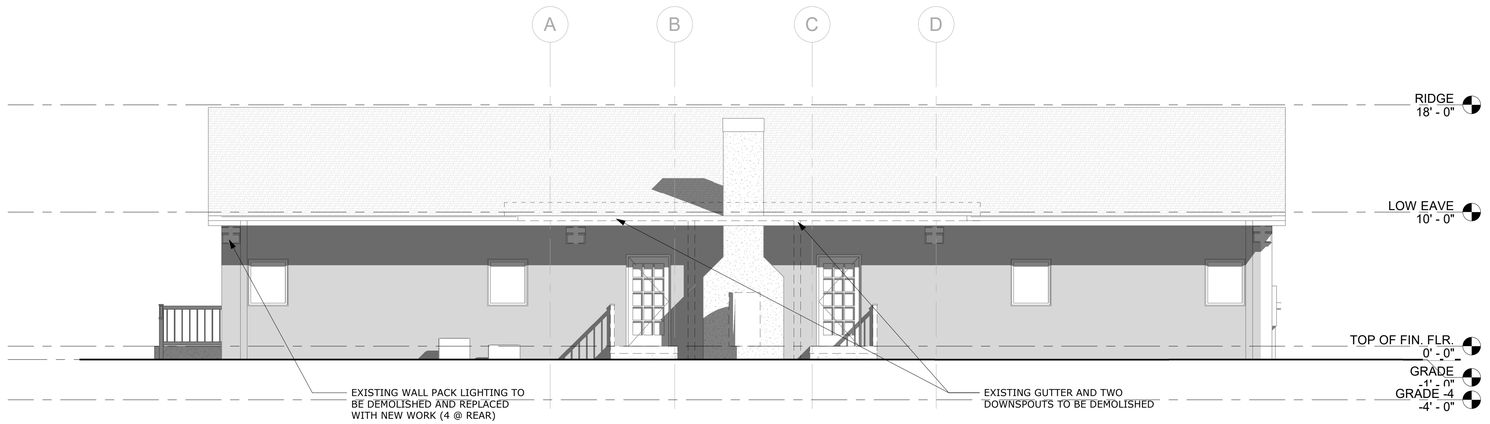
EXISTING DOOR AND DOOR FRAME TO BE REMOVED COMPLETE U.N.O.

DEMOLITION KEYNOTES

1 NOT USED
2 NOT USED
3 NOT USED
4 REMOVE WINDOW, WINDOW FRAME, AND PORTION OF WALL COMPLETE FOR NEW DOOR OPENING
5 PORTION OF RAFTERS, SOFFIT, AND ROOF TO BE REMOVED FOR NEW SCREEN PORCH ADDITION



C1 D2.01 HALL - RIGHT - DEMO
3/16" = 1'-0"



A1 D2.01 HALL - REAR - DEMO
3/16" = 1'-0"

PLAN & TRUE NORTH

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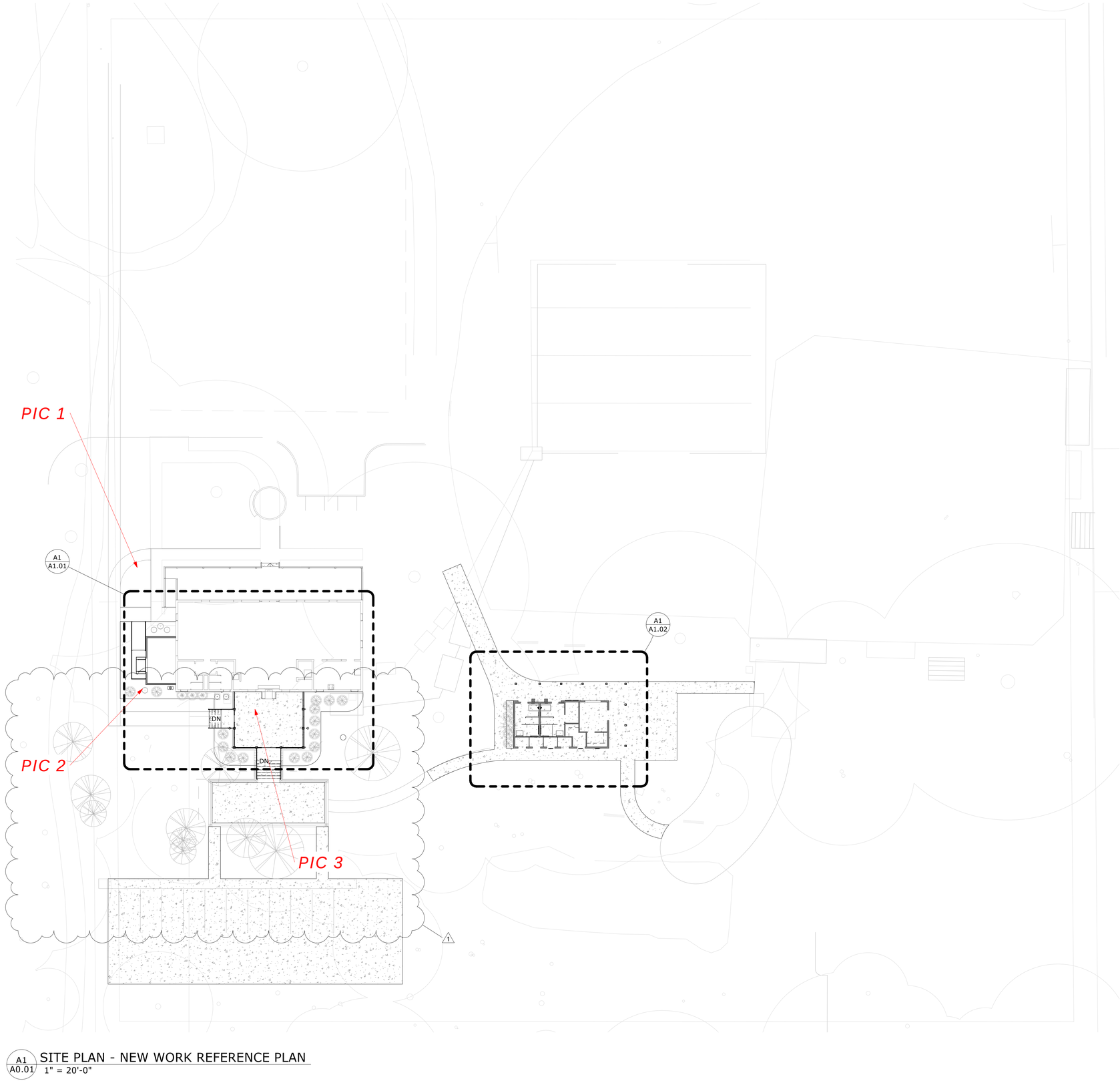
BIDDING DOCUMENTS

DEMOLITION ELEVATIONS - HALL

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	Author

D2.01

5/19/2023 1:20:26 PM



A1
A0.01 SITE PLAN - NEW WORK REFERENCE PLAN
1" = 20'-0"

GENERAL SITE NOTES

1. THIS PLAN IS INTENDED FOR REFERENCE ONLY. THIS PLAN IS NOT INTENDED TO BE A DESCRIPTION OF ALL REQUIRED WORK.
2. PLEASE SEE CIVIL ENGINEERING AND LANDSCAPE PLANS FOR COMPLETE SCOPE OF WORK.
3. VERIFY EXISTING UTILITIES PRIOR TO DIGGING
4. SEE PICTURES THIS PAGE FOR EXISTING CONDITIONS OF THE HALL BUILDING.

PIC 1

PIC 2

PIC 3

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1	ADDENDUM #1	5/19/23

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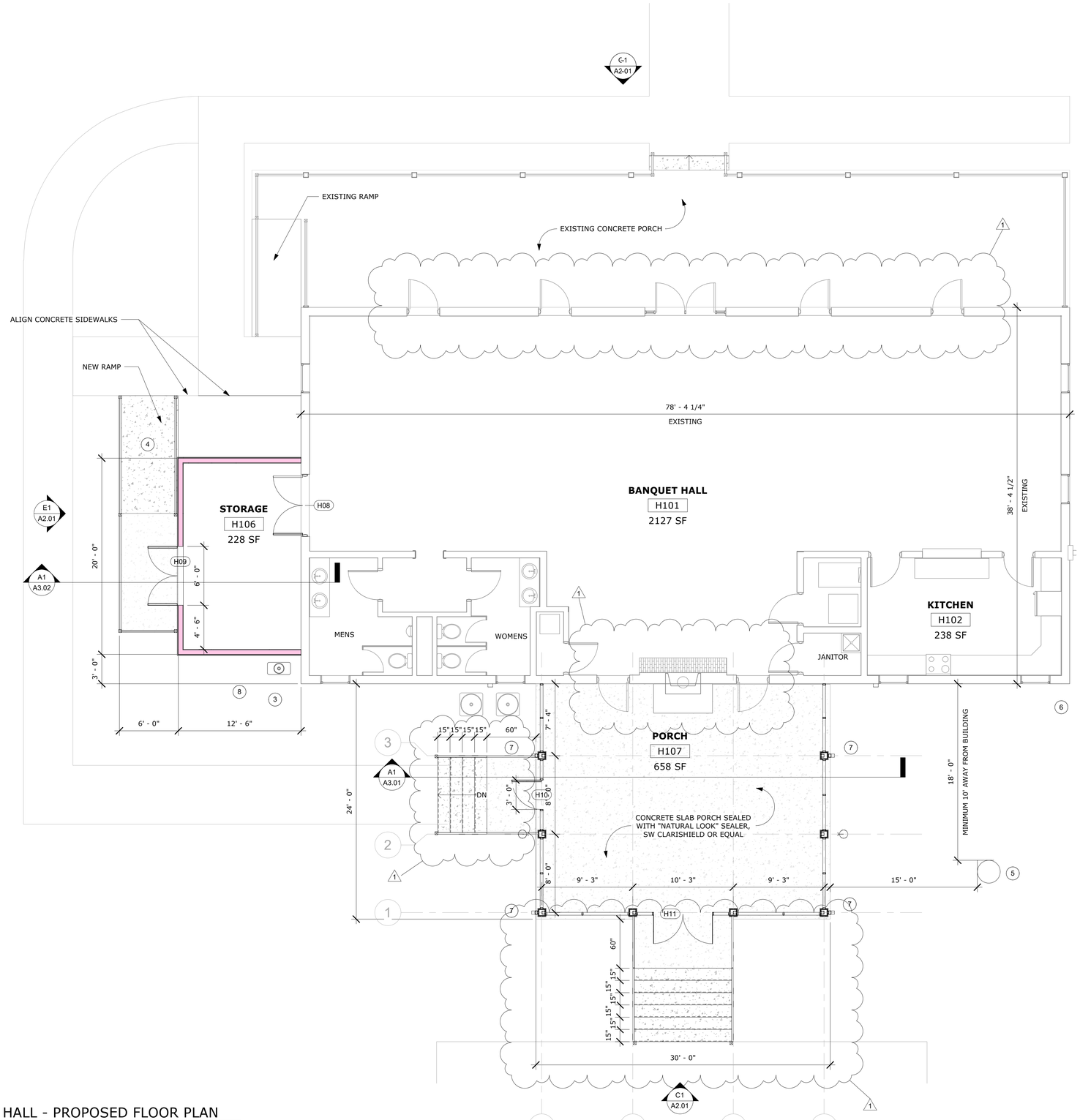
BIDDING DOCUMENTS

OVERALL SITE REFERENCE PLAN

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	JPR

A0.01

5/19/2023 1:30:45 PM



A1 / A1.01 HALL - PROPOSED FLOOR PLAN
3/16" = 1'-0"

GENERAL PLAN NOTES

1. EXISTING CONDITIONS, PRESENCE, AND LOCATIONS OF ALL MATERIALS INDICATED ARE BASED ON INFORMATION OBTAINED FROM RECORD DRAWINGS AND FIELD SURVEYS. THEY ARE NOT WARRANTED TO BE COMPLETE OR CORRECT AS CONTRACTOR SHALL FIELD VERIFY ALL AREAS AFFECTED BY NEW WORK.
2. ALL GENERAL CONTRACTORS, SUB CONTRACTORS AND VENDORS ARE TO REVIEW ARCHITECTS DRAWINGS.
3. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY REPAIR NECESSARY AS A RESULT OF DAMAGES CAUSED BY CONSTRUCTION OPERATIONS.
4. GENERAL CONTRACTOR SHALL VERIFY THE REQUIREMENTS FOR INSTALLATION OF ALL EQUIPMENT AND FURNISHINGS.
5. DETAILS ARE SHOWN TO DESCRIBE DESIGN INTENT. COORDINATE ALL INSTALLATION WITH MANUFACTURER'S RECOMMENDATIONS AND WITHOUT VOIDING ANY WARRANTIES AND GOVERNING CODES.
6. PRESSURE WASH THE EXTERIOR OF THE EXISTING HALL BUILDING COMPLETE, BEFORE STARTING CONSTRUCTION.

GENERAL KEYNOTES (#)

1 NOT USED
2 NOT USED
3 LOCATION OF RELOCATED MECHANICAL EQUIPMENT
4 NEW CONCRETE RAMP AND DECK FOR ADDITION ENTRY
5 NEW BURIED PROPANE TANK LOCATION. 250 GALLON SIZE. INSTALL PER CODE AND CONNECT BACK TO FIREPLACE.
6 EXISTING MECHANICAL EQUIPMENT TO REMAIN
7 NEW DOWNSPOUT
8 LOCATION OF NEW CONDENSER FOR MINI SPLIT UNIT AT STORAGE ADDITION

PLAN & TRUE NORTH

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RAVENEL, SC 29470

#	DESCRIPTION	DATE
1	ADDENDUM #1	5/19/23

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BIDDING DOCUMENTS

FLOOR PLAN - HALL - NEW WORK

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	JPR

A1.01

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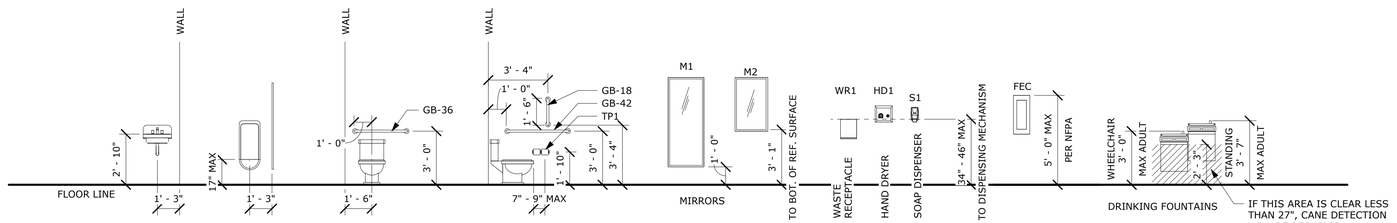

GENERAL PLAN NOTES

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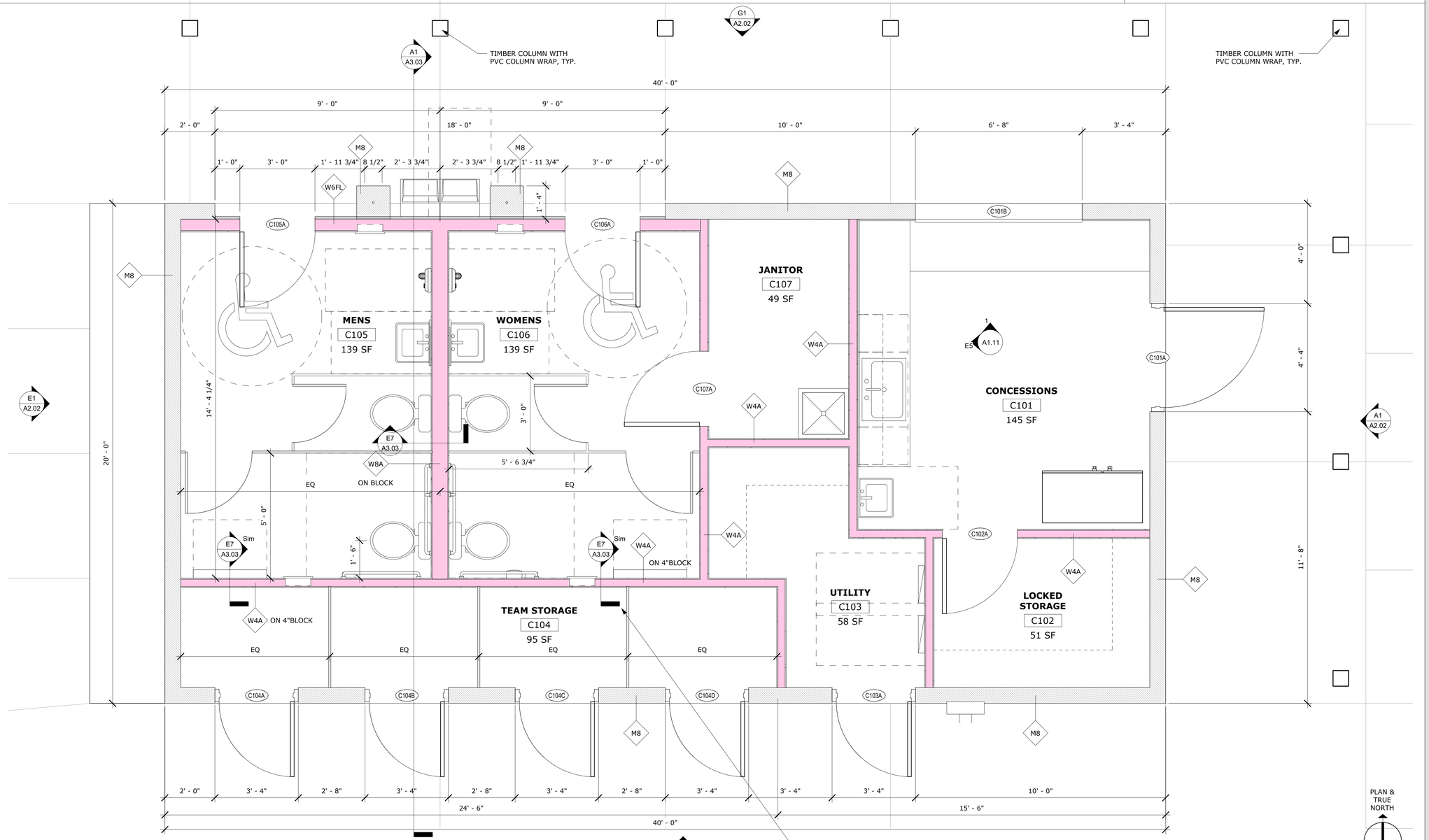
6. PRESSURE WASH THE EXTERIOR OF THE EXISTING HALL BUILDING COMPLETE, BEFORE STARTING CONSTRUCTION.

GENERAL KEYNOTES (#)

1 INSTALL NEW DOOR AND HARDWARE INTO EXISTING FRAME
2 INSTALL NEW FRAME. INTERIOR TRIM OF FRAME TO MATCH EXISTING IN PROFILE AND COLOR.
3 LOCATION OF RELOCATED MECHANICAL EQUIPMENT
4 NEW CONCRETE RAMP AND DECK FOR ADDITION ENTRY
5 NEW BURIED PROPANE TANK LOCATION. 250 GALLON SIZE. INSTALL PER CODE AND CONNECT BACK TO FIREPLACE.
6 EXISTING MECHANICAL EQUIPMENT TO REMAIN
7 NEW DOWNSPOUT
8 LOCATION OF NEW CONDENSER FOR MINI SPLIT UNIT AT STORAGE ADDITION



A1 A1.02 CONCESSIONS - PROPOSED FLOOR PLAN
1/2" = 1'-0"

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FLOOR PLAN - CONCESSIONS - NEW WORK

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	JPR

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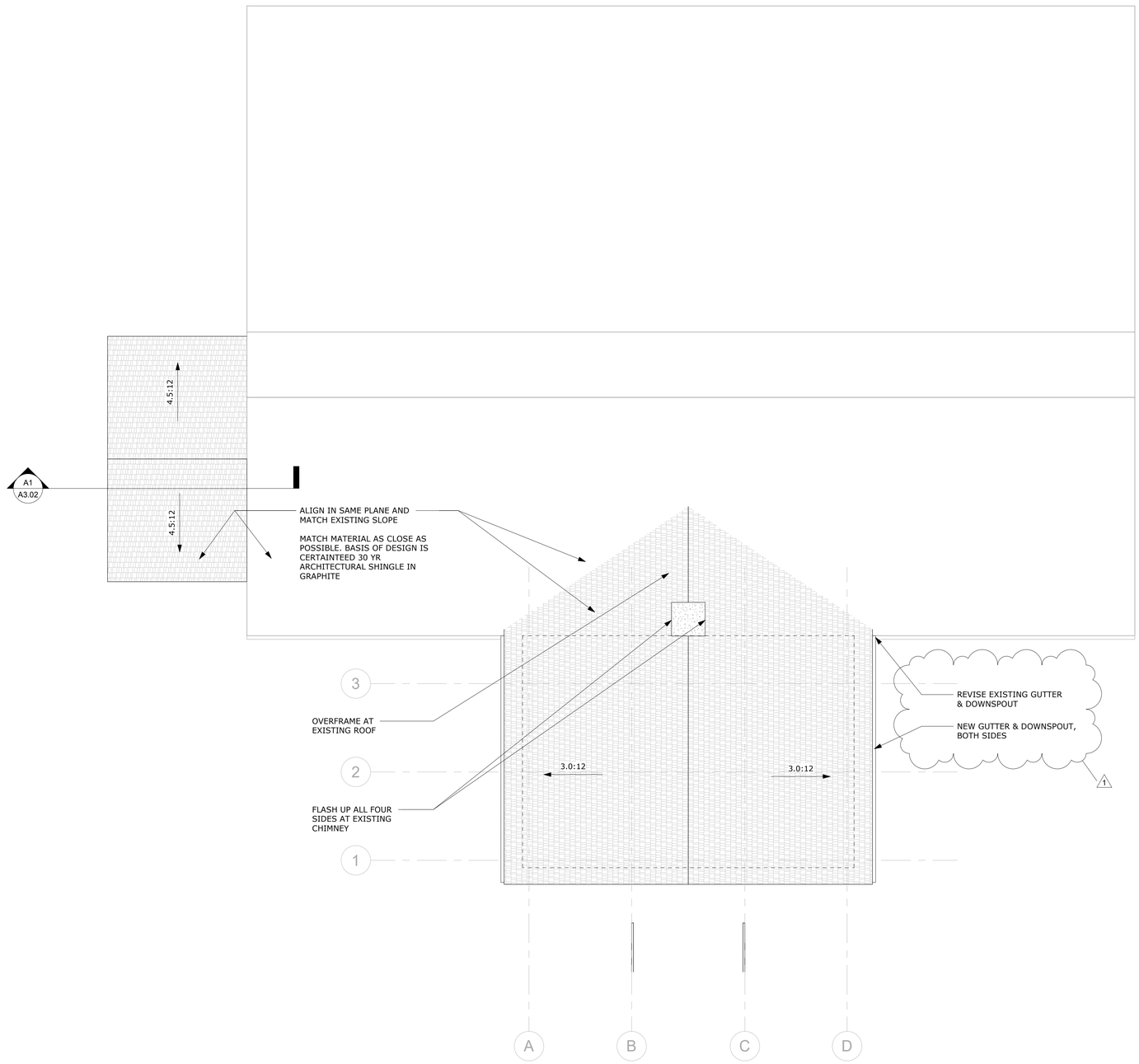

A1
A1.03 HALL - ROOF NEW WORK PLAN
3/16" = 1'-0"

ROOF PLAN NOTES

1. ROOF SURFACE MATERIAL IS NOTED ON PLANS - SHINGLE ON HALL AND STANDING SEAM ON CONCESSIONS BUILDING.
2. LOCATIONS AND SIZES OF MECHANICAL EQUIPMENT ARE APPROXIMATE. SEE CONSULTANT DRAWINGS FOR ACTUAL LOCATIONS.
3. SEE PLUMBING DRAWINGS FOR VENTS THROUGH ROOF LOCATIONS.
4. SEE STRUCTURAL DRAWINGS FOR FASTENING REQUIREMENTS.
5. PROVIDE CRICKETS AND ADEQUATE FLASHING AT ALL CURBS AND EXISTING FIREPLACE CHIMNEY.
6. WOOD BLOCKING USED IN ROOF DETAILING SHALL BE PRESERVATIVE TREATED. USE SUITABLE FASTENERS WITH THE PRESERVATIVE TREATED WOOD.
7. EXTEND ALL PENETRATIONS, CURBS, AND COMPONENTS A MINIMUM OF 8" ABOVE THE ROOF SURFACE. PROVIDE 12" CLEAR DISTANCE BETWEEN PENETRATIONS AND TO ANY VERTICAL SURFACE.
8. IF NOT DETAILED, APPLY MOST STRINGENT CONDITION OF NRCA AND SMACNA (CURRENT EDITIONS) STANDARDS FOR ROOF DETAIL CONDITIONS.

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ROOF PLAN - HALL

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	JPR

A1.03

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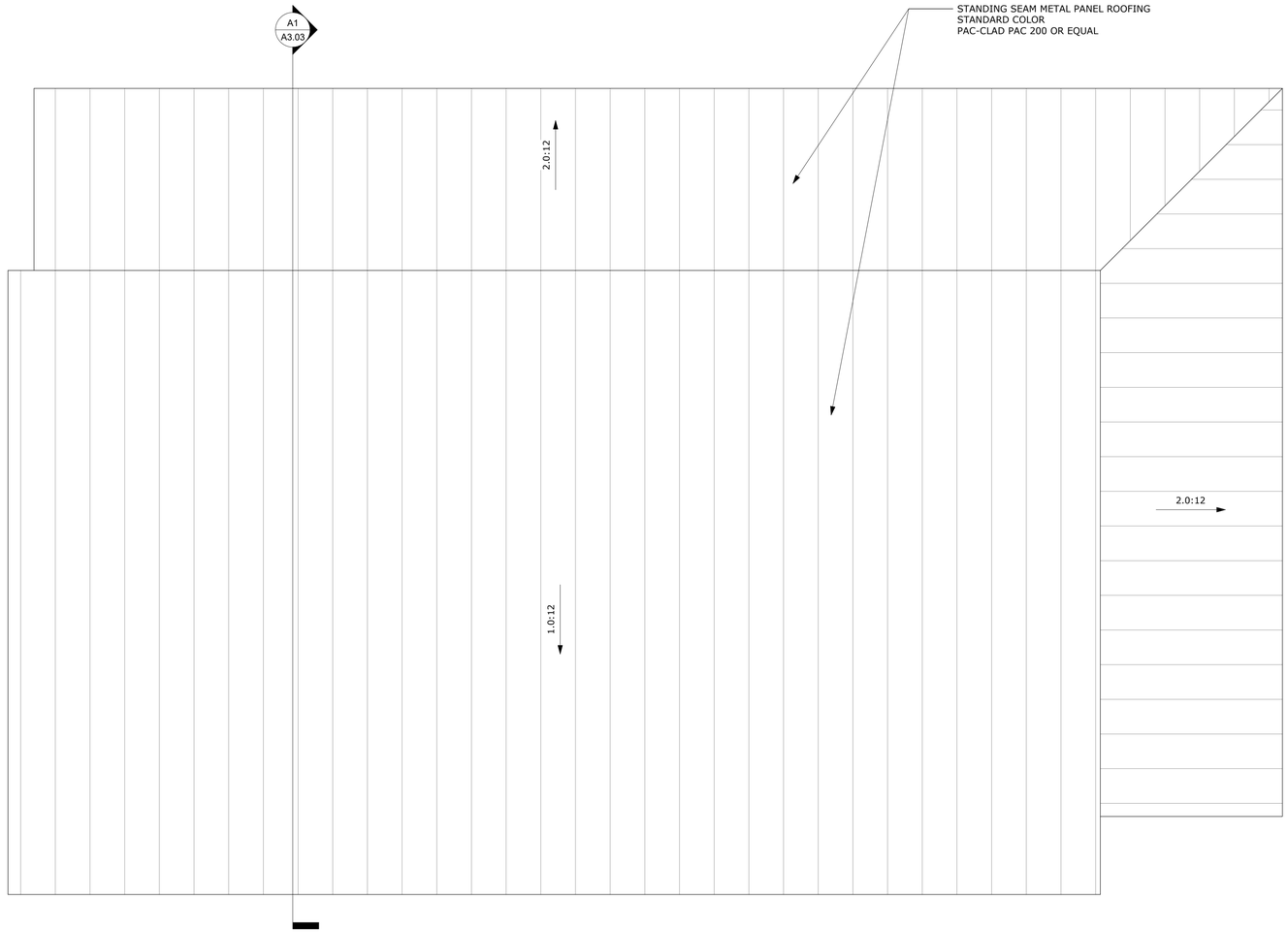

A1
A1.04 CONCESSIONS - ROOF PLAN
3/8" = 1'-0"

ROOF PLAN NOTES

1. ROOF SURFACE MATERIAL IS NOTED ON PLANS - SHINGLE ON HALL AND STANDING SEAM ON CONCESSIONS BUILDING.
2. LOCATIONS AND SIZES OF MECHANICAL EQUIPMENT ARE APPROXIMATE. SEE CONSULTANT DRAWINGS FOR ACTUAL LOCATIONS.
3. SEE PLUMBING DRAWINGS FOR VENTS THROUGH ROOF LOCATIONS.
4. SEE STRUCTURAL DRAWINGS FOR FASTENING REQUIREMENTS.
5. PROVIDE CRICKETS AND ADEQUATE FLASHING AT ALL CURBS AND EXISTING FIREPLACE CHIMNEY.
6. WOOD BLOCKING USED IN ROOF DETAILING SHALL BE PRESERVATIVE TREATED. USE SUITABLE FASTENERS WITH THE PRESERVATIVE TREATED WOOD.
7. EXTEND ALL PENETRATIONS, CURBS, AND COMPONENTS A MINIMUM OF 8" ABOVE THE ROOF SURFACE. PROVIDE 12" CLEAR DISTANCE BETWEEN PENETRATIONS AND TO ANY VERTICAL SURFACE.
8. IF NOT DETAILED, APPLY MOST STRINGENT CONDITION OF NRCA AND SMACNA (CURRENT EDITIONS) STANDARDS FOR ROOF DETAIL CONDITIONS.

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BIDDING DOCUMENTS

ROOF PLAN - CONCESSIONS

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	Author

A1.04

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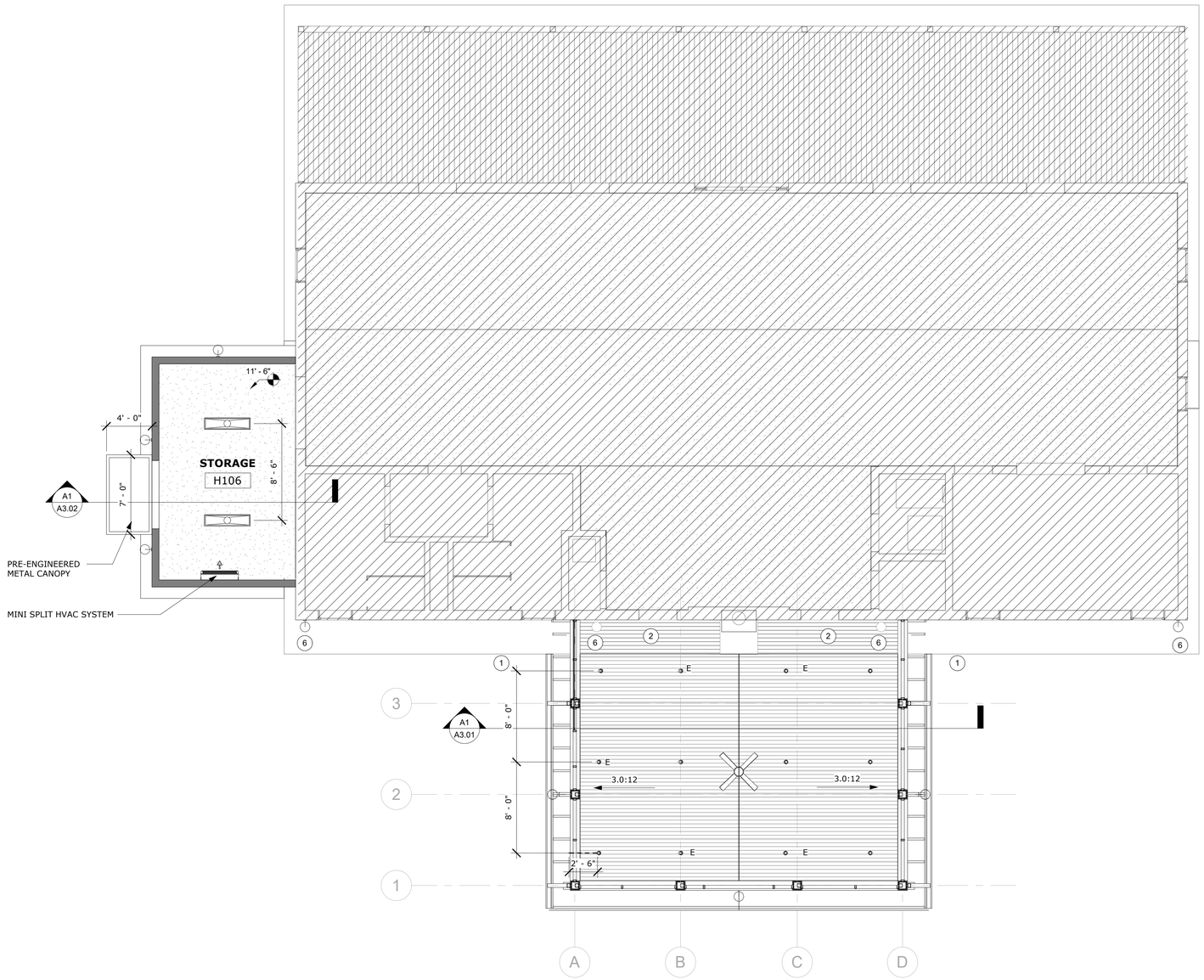

A1 / A1.10 RCP - HALL
3/16" = 1'-0"

PLAN & TRUE NORTH

CEILING PLAN NOTES

1. SEE SHEET A1.20 FOR SEISMIC CEILING CONSTRUCTION DETAILS. THESE DETAILS ARE PROVIDED TO ILLUSTRATE THE REQUIREMENTS OF CISCA GUIDELINES FOR SEISMIC RESTRAINT AND IBC CHAPTER 16. GC IS RESPONSIBLE FOR MEETING ALL APPLICABLE PROVISIONS OF THE STANDARDS AND IN CASE OF CONFLICT, FOLLOW THE MOST STRINGENT OPTION.
2. CEILING GRIDS/TILES TO BE CENTERED IN ALL ROOMS UNLESS NOTED OTHERWISE. PARTIAL TILES AT ROOM PERIMETERS SHALL NOT BE LESS THAN 6" IN EITHER DIMENSION. TILES LESS THAN 6" IN LENGTH SHALL BE CUT FROM A 24"X48" TILE IN LIEU OF THE 24"X24" SIZE.
3. ALL CEILINGS TO BE 9'-0" AFF, UNO. CEILING HEIGHTS SHOWN ON THE REFLECTED CEILING PLANS ARE NON-TYPICAL AND SPECIFIC TO THE AREA INDICATED.
4. LIGHT FIXTURES ARE SHOWN FOR POSITIONING IN FINISH CEILING SYSTEM. CENTER ALL FIXTURES WITHIN ROOM AND/OR CEILING TILE UNLESS SHOWN OTHERWISE.
5. SEE MPE PLANS FOR FIXTURES NOT INCLUDED ON THIS RCP, BUT PART OF THE PROJECT. COORDINATE WITH MPE DRAWINGS AND WHERE CONFLICTS OF LOCATION EXIST, REFER TO ARCHITECTURAL.
6. EXTEND PERIMETER WALLS AND GWB FINISH TO DECK AT WALLS WITHOUT A FINISHED CEILING SYSTEM. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS INDICATED.
7. ALL LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, GENERAL ALARM SPEAKERS/STROBES, & MISC OTHER DEVICES IN CEILING TILES WHERE THEY ARE LOCATED. ALIGN MULTIPLE ITEMS ON CENTER OR EDGES.
8. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AT DUCT DAMPER CONTROLS, DUCT MOUNTED SMOKE DETECTORS, MANUAL DUCT CONTROLS, ETC. SIZE PANEL OPENING FOR NEEDS.
9. LIGHTS LOCATED IN STAIRS SHALL OCCUR AT EACH FLOOR AND INTERMEDIATE LANDINGS.

RCP LEGEND

1'-0" AFF	HEIGHT (FEET, INCHES) AFF
○ / ○ E	4" RECESSED CAN FIXTURE (WITH BATTERY BACKUP OPTION) & ALL DIMMABLE LIGHT FIXTURE SPEC: HELIOS LIGHTING - 4" ROUND DOWNLIGHT 4R-15L-35K-WF-EMI | 5 COUNT (EMERGENCY BATTERY BACKUP) 4R-15L-35K-WF | 7 COUNT
▭	SURFACE MOUNTED 1X4 LED FIXTURE FOR STORAGE
	BRACKET LIGHT - 12" SHADE LIGHT WITH 15" MOUNTING ARM BRACKET - WET RATED LIGHT FIXTURE SPEC: RLM CLASSICS - WAREHOUSE SHADE DAMP/WET LOCATION WS1210GV-15L-35K-EX-TF2-MOUNTING ARM PA15 MATTE BLACK STANDARD COLOR OUTSIDE(WHITE INSIDE) WITH 4" FROSTED MINI WIREGUARD
	CEILING FAN - 56" MODERNFORMS CERVANTES FAN, 4 BLADE INDOOR/ OUTDOOR SMART LED CEILING FAN WITH REMOTE, MATTE BLACK BARNWOOD, 3500K
	EXIT SIGNS (NOT SHOWN) ARE ASSUMED EXISTING AT EACH OF THE 8 DOORS AND ARE TO REMAIN AND/OR BE REHUNG AT EACH EXIT/ ENTRY DOOR IF IMPACTED BY CONSTRUCTION

CEILING PLAN KEYNOTES (#)

1 AREA OF NEW FRAMING AND ROOF AT REMOVED RAFTER AND ROOFING AT THE EXISTING BUILDING. REFER TO STRUCTURAL FOR NEW KNEE WALL ROOF SUPPORT AT EXISTING EXTERIOR WALL. CLAD WITH FIBER CEMENT BOARD & BATTEN SIDING, PAINTED.
2 TRIM EXISTING SOFFIT AND NEW SUPPORT BEAM WITH NEW PVC UNVENTED SOFFIT AND TRIM WITH BOARD AND BATTEN AT SIDE FOR NEW FINISHED LOOK. OVERFRAME KNEE WALL TO SUPPORT NEW ROOFLINE ABOVE. SEE STRUCTURAL
3 MOISTURE RESISTANT GWB (5/8") AT CEILING
4 OPEN TO STRUCTURE ABOVE
5 TAKE WALL TO UNDERSIDE OF ROOF DECK - FULL HEIGHT
6 REPLACE EXISTING WALL PACK LIGHT WITH BRACKET LIGHT FIXTURE

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BIDDING DOCUMENTS

CEILING PLAN - HALL

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	Author

A1.10

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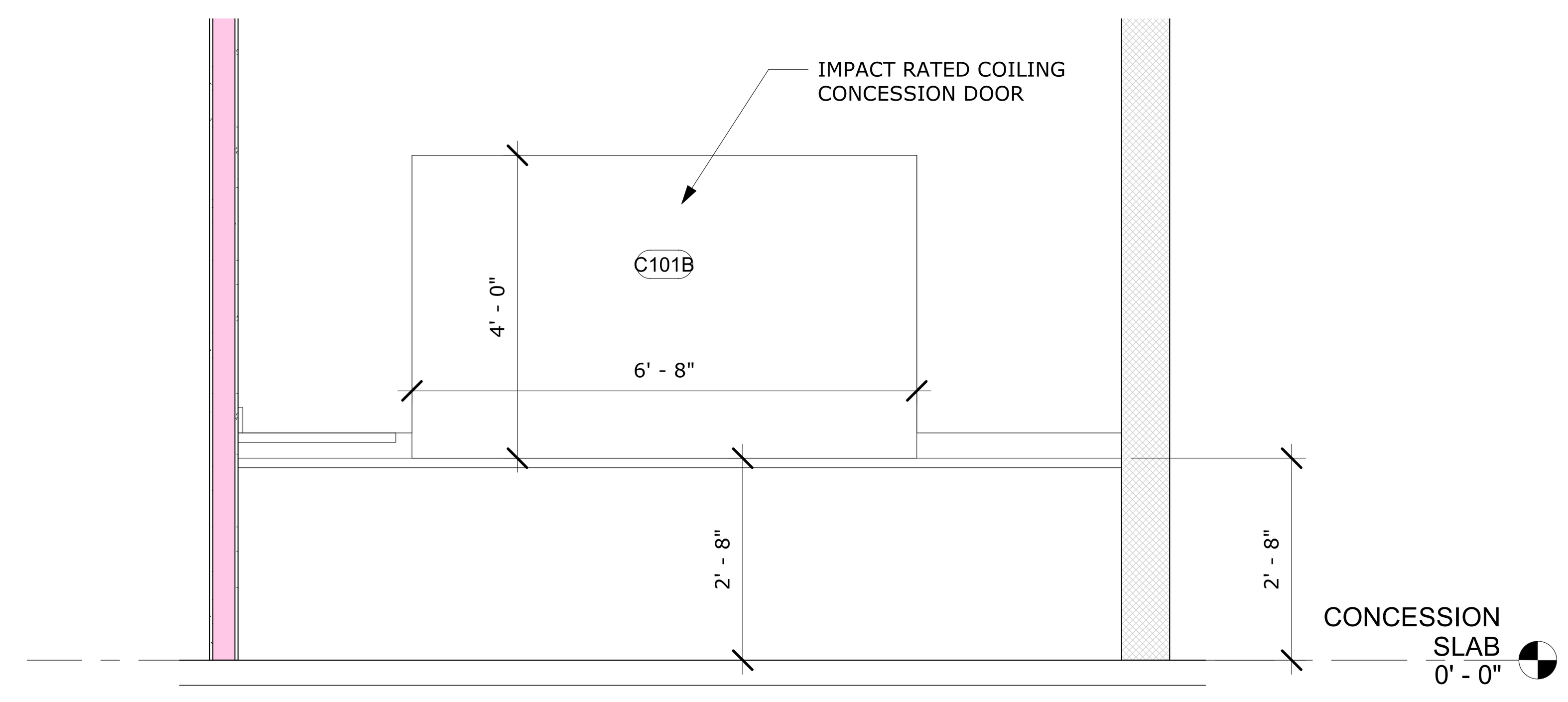
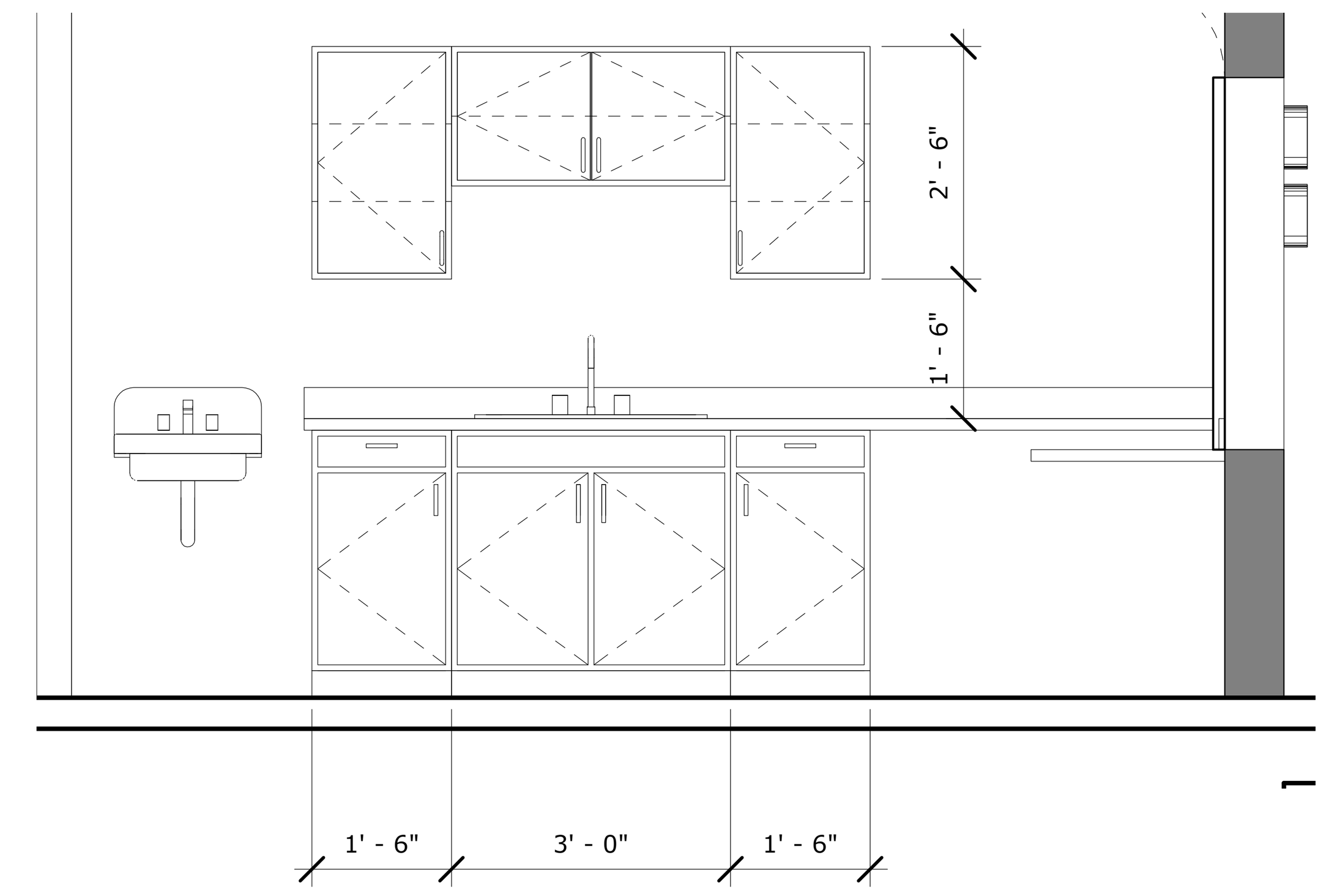
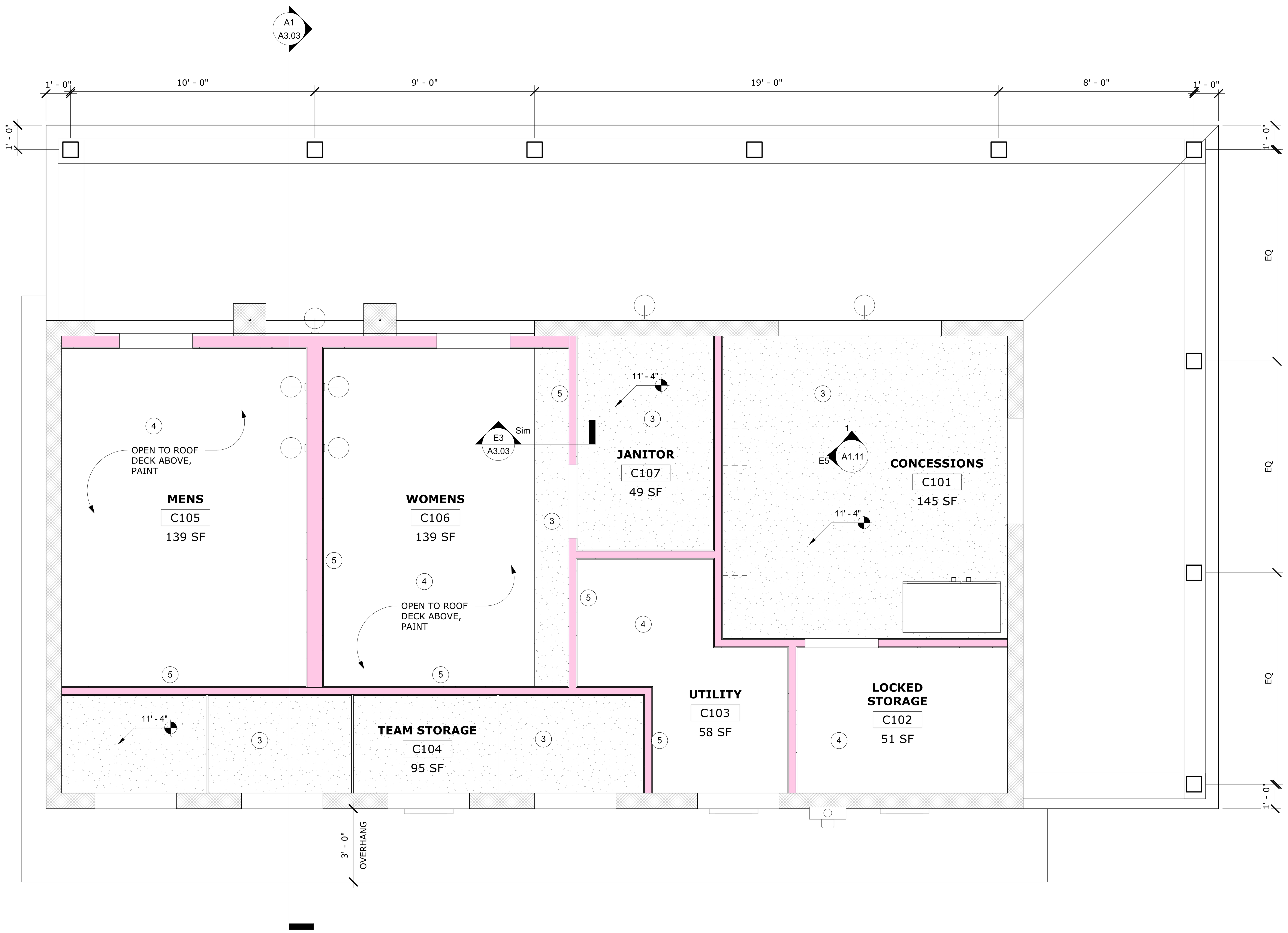


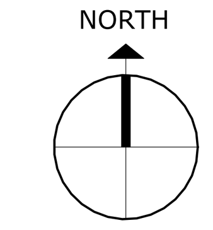
1 CONCESSION - A
1/2" = 1'-0"



E5 CONCESSION - B
1/2" = 1'-0"



A1 RCP - CONCESSION
A1.11 3/8" = 1'-0"



CEILING PLAN NOTES

1 AREA OF NEW FRAMING AND ROOF AT REMOVED RAFTER AND ROOFING AT THE EXISTING BUILDING. REFER TO STRUCTURAL FOR NEW KNEE WALL ROOF SUPPORT AT EXISTING EXTERIOR WALL. CLAD WITH FIBER CEMENT BOARD & BATTEN SIDING, PAINTED.
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3 MOISTURE RESISTANT GWB (5/8") AT CEILING
4 OPEN TO STRUCTURE ABOVE
5 TAKE WALL TO UNDERSIDE OF ROOF DECK - FULL HEIGHT

1. SEE SHEET A1.20 FOR SEISMIC CEILING CONSTRUCTION DETAILS. THESE DETAILS ARE PROVIDED TO ILLUSTRATE THE REQUIREMENTS OF CISCA GUIDELINES FOR SEISMIC RESTRAINT AND IBC CHAPTER 16. GC IS RESPONSIBLE FOR MEETING ALL APPLICABLE PROVISIONS OF THE STANDARDS AND IN CASE OF CONFLICT, FOLLOW THE MOST STRINGENT OPTION.
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8. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AT DUCT DAMPER CONTROLS, DUCT MOUNTED SMOKE DETECTORS, MANUAL DUCT CONTROLS, ETC. SIZE PANEL OPENING FOR NEEDS.
9. LIGHTS LOCATED IN STAIRS SHALL OCCUR AT EACH FLOOR AND INTERMEDIATE LANDINGS.

RCP LEGEND

1'-0" AFF — HEIGHT (FEET, INCHES) AFF

E — 4" RECESSED CAN FIXTURE (WITH BATTERY BACKUP OPTION) & ALL DIMMABLE
LIGHT FIXTURE SPEC:
HELIOS LIGHTING - 4" ROUND DOWNLIGHT
4R-15L-35K-WF-EMI | 5 COUNT (EMERGENCY BATTERY BACKUP)
4R-15L-35K-WF | 7 COUNT

SURFACE MOUNTED 1X4 LED FIXTURE FOR STORAGE

BRACKET LIGHT - 12" SHADE LIGHT WITH 15" MOUNTING ARM BRACKET - WET RATED
LIGHT FIXTURE SPEC:
RLM CLASSICS - WAREHOUSE SHADE DAMP/WET LOCATION
WS1210GV-15L-35K-EX-TF2-MOUNTING ARM PA15
MATTE BLACK STANDARD COLOR OUTSIDE(WHITE INSIDE) WITH 4" FROSTED MINI WIREGUARD

CEILING FAN - 56" MODERNFORMS CERVANTES FAN, 4 BLADE INDOOR/ OUTDOOR SMART LED CEILING FAN WITH REMOTE, MATTE BLACK BARNWOOD, 3500K

EXIT SIGNS (NOT SHOWN) ARE ASSUMED EXISTING AT EACH OF THE 8 DOORS AND ARE TO REMAIN AND/OR BE REHUNG AT EACH EXIT/ ENTRY DOOR IF IMPACTED BY CONSTRUCTION

CEILING PLAN KEYNOTES

1 AREA OF NEW FRAMING AND ROOF AT REMOVED RAFTER AND ROOFING AT THE EXISTING BUILDING. REFER TO STRUCTURAL FOR NEW KNEE WALL ROOF SUPPORT AT EXISTING EXTERIOR WALL. CLAD WITH FIBER CEMENT BOARD & BATTEN SIDING, PAINTED.
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3 MOISTURE RESISTANT GWB (5/8") AT CEILING
4 OPEN TO STRUCTURE ABOVE
5 TAKE WALL TO UNDERSIDE OF ROOF DECK - FULL HEIGHT

RCP NOTES
1/8" = 1'-0"

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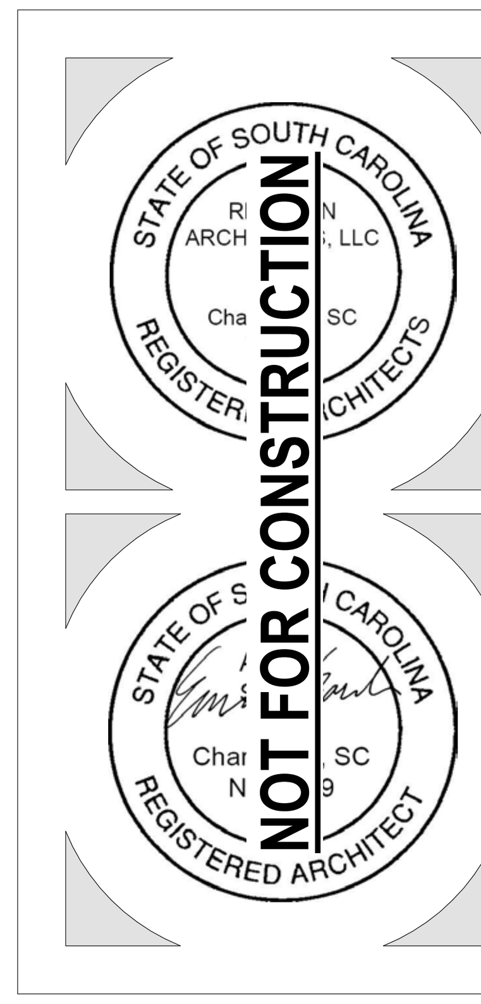

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BIDDING DOCUMENTS

CEILING PLAN - CONCESSIONS

Project Number: 21081
Date: APRIL 19, 2023
Drawn By: Author

A1.11

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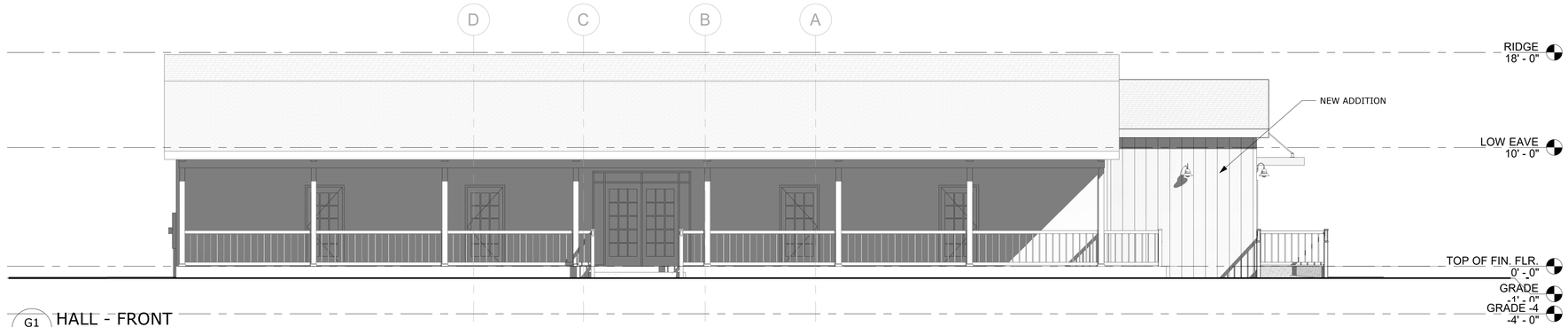
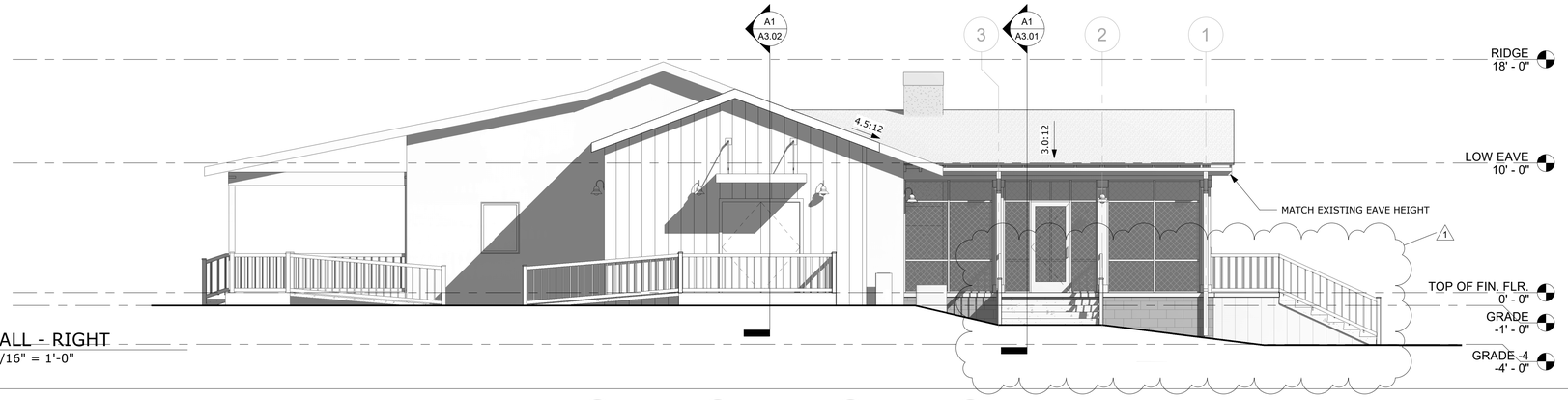
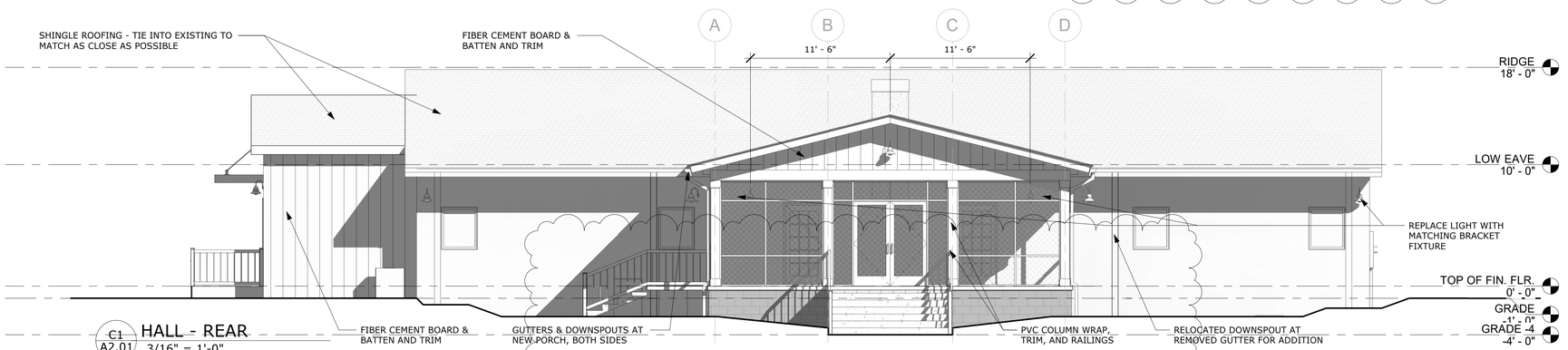


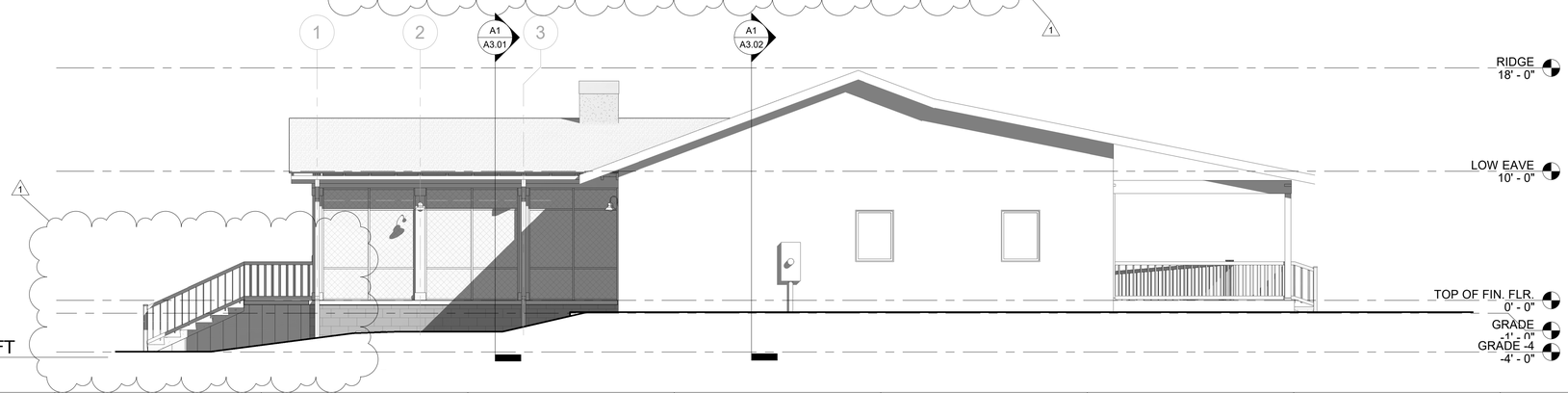
G1 A2.01 HALL - FRONT
3/16" = 1'-0"



E1 A2.01 HALL - RIGHT
3/16" = 1'-0"



C1 A2.01 HALL - REAR
3/16" = 1'-0"



A1 A2.01 HALL - LEFT
3/16" = 1'-0"

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EXTERIOR ELEVATIONS - HALL

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	JPR

A2.01

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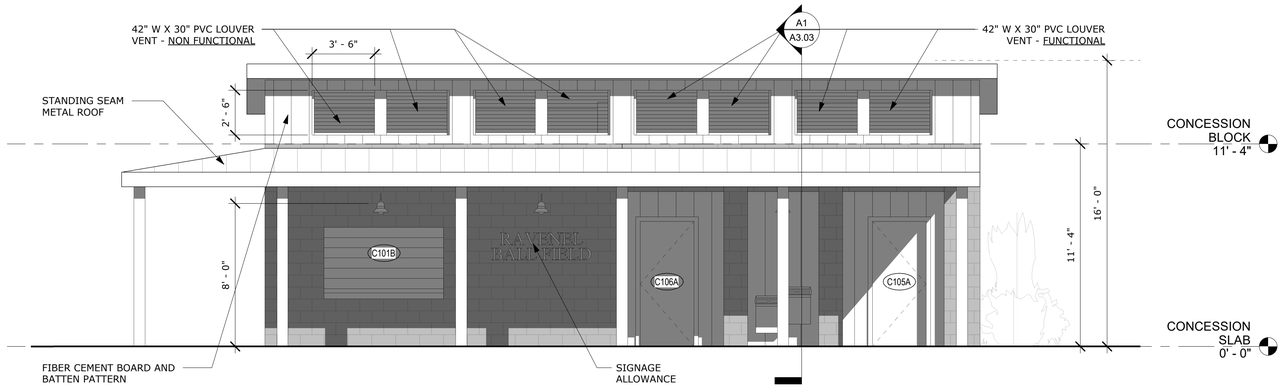
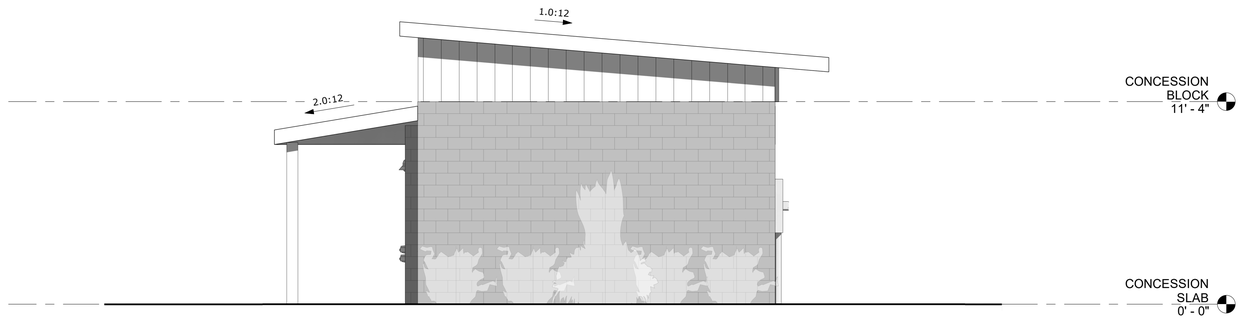
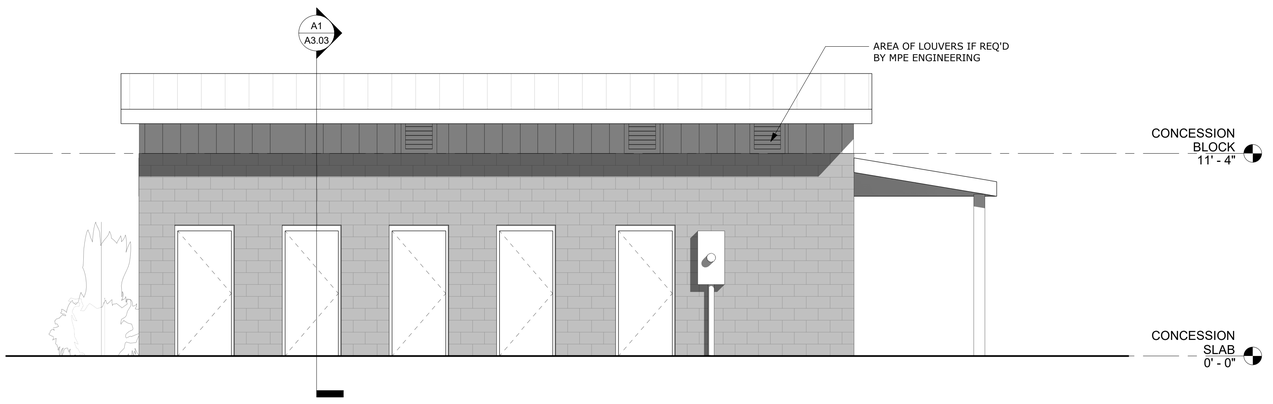


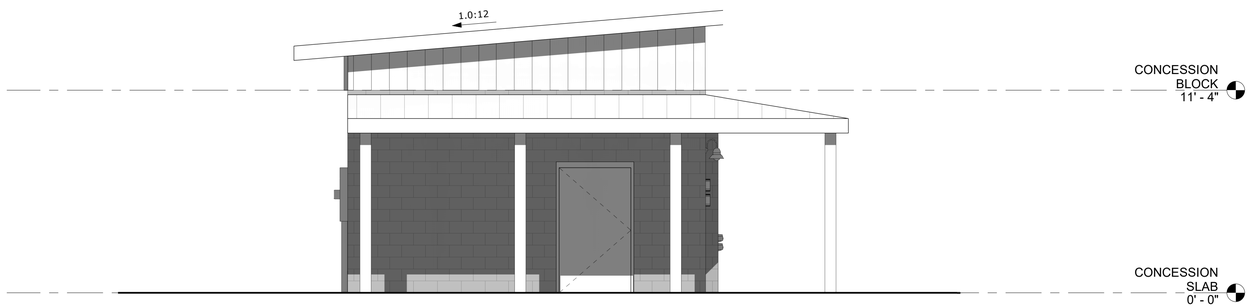
G1 A2.02 CONCESSIONS - FRONT
1/4" = 1'-0"



E1 A2.02 CONCESSIONS - RIGHT
1/4" = 1'-0"



C1 A2.02 CONCESSIONS - REAR
1/4" = 1'-0"



A1 A2.02 CONCESSIONS - LEFT
1/4" = 1'-0"

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EXTERIOR ELEVATIONS - CONCESSIONS

Project Number:	21081
Date:	APRIL 19, 2023
Drawn By:	JPR

A2.02

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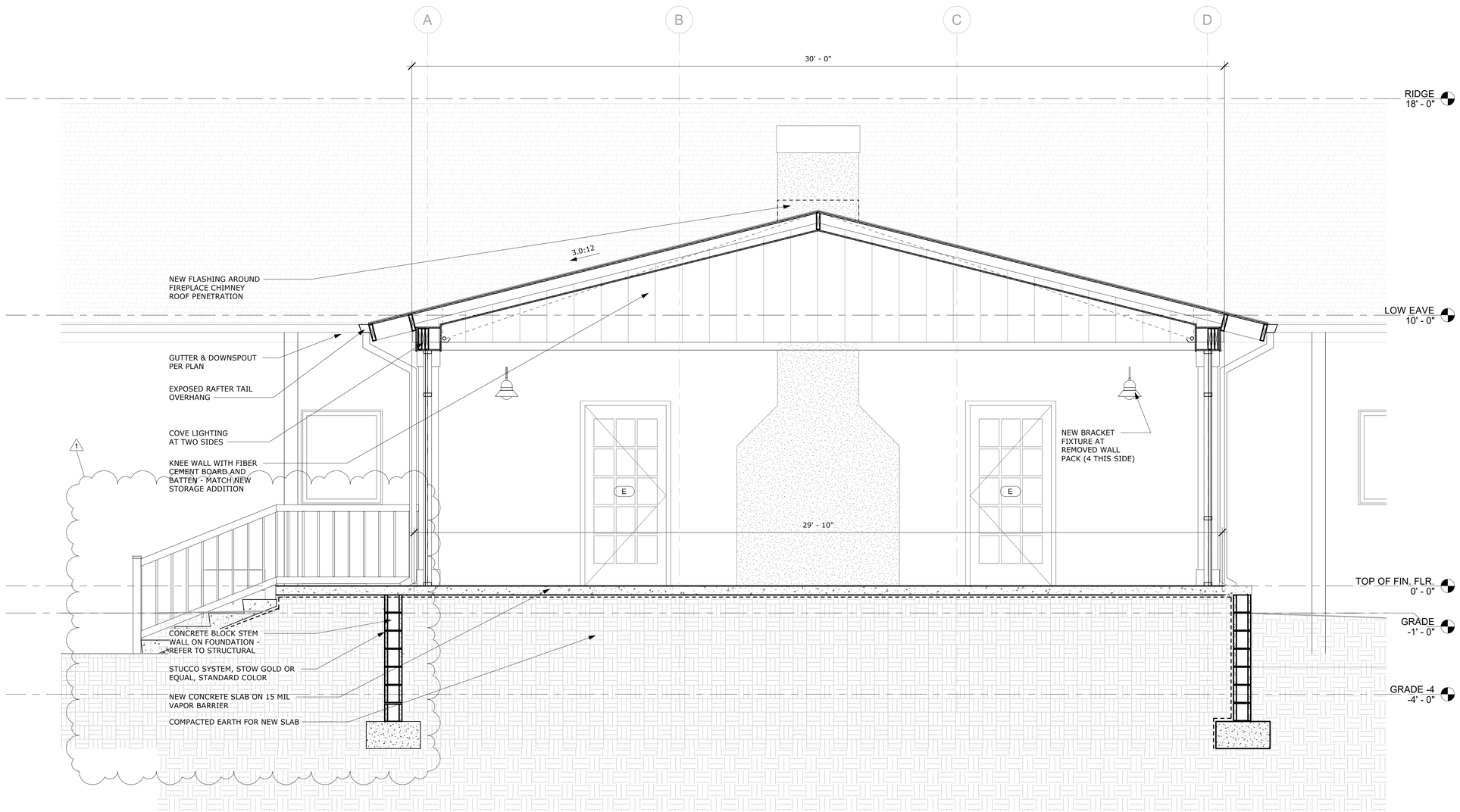

A1
A3.01 RAVENEL HALL - NEW REAR PORCH
1/2" = 1'-0"

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1	ADDENDUM #1	5/19/23

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SECTION - SCREEN PORCH

Project Number:	21081
Date:	APRIL 19, 2023
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A3.01

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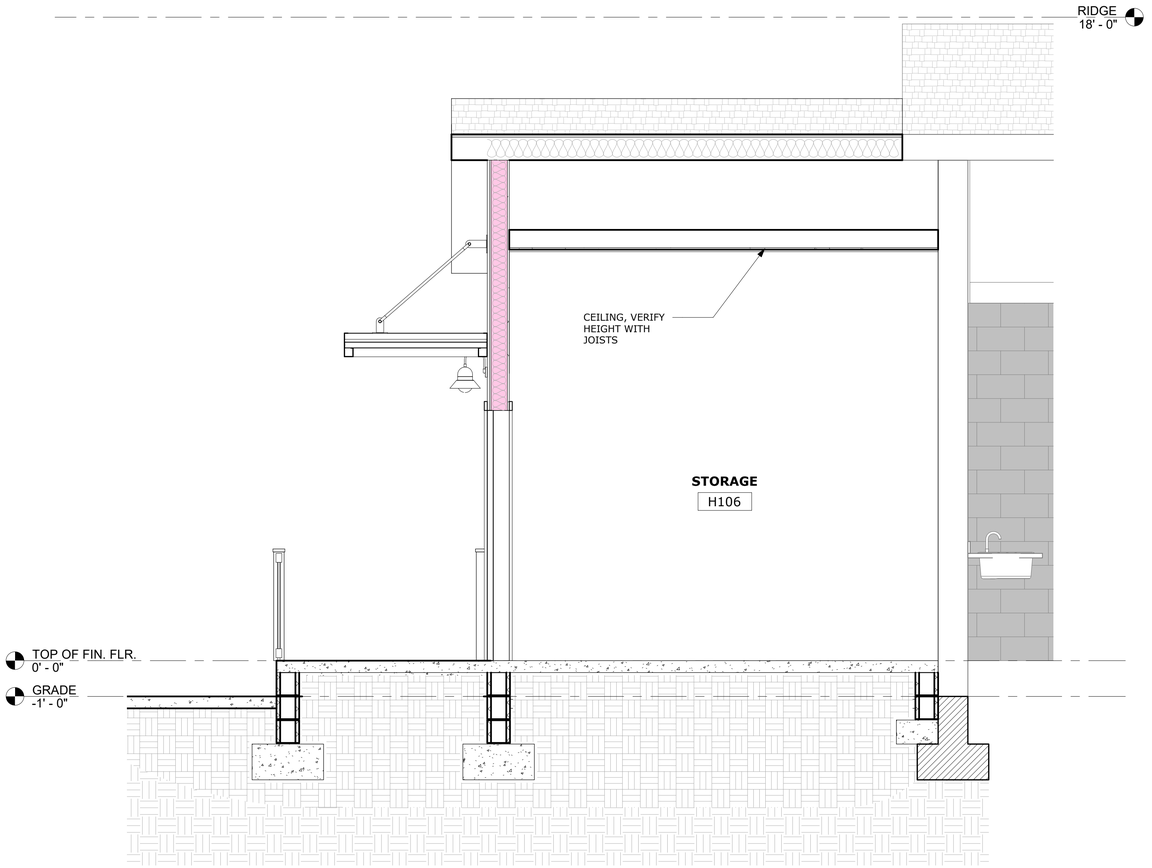

A1
A3.02 RAVENEL HALL - STORAGE ADDITION
1/2" = 1'-0"

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SECTION - STORAGE ADDITION

Project Number:	21081
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A3.02

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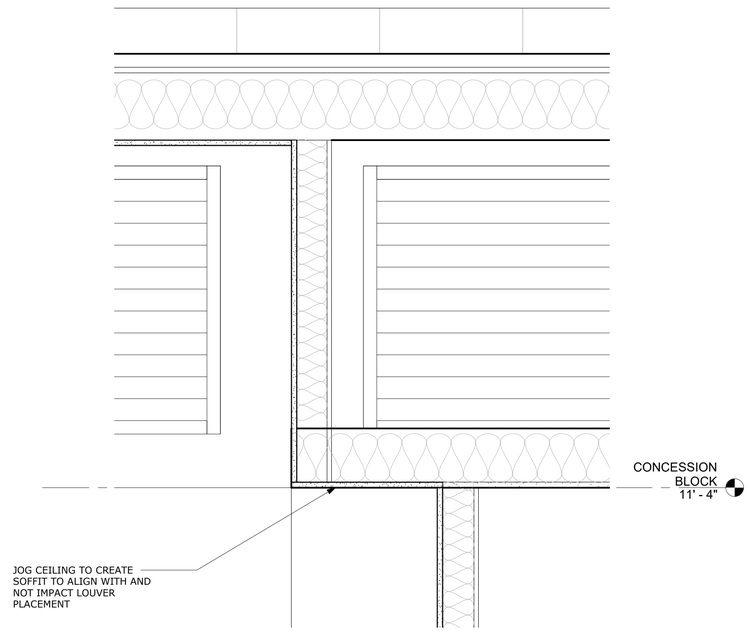
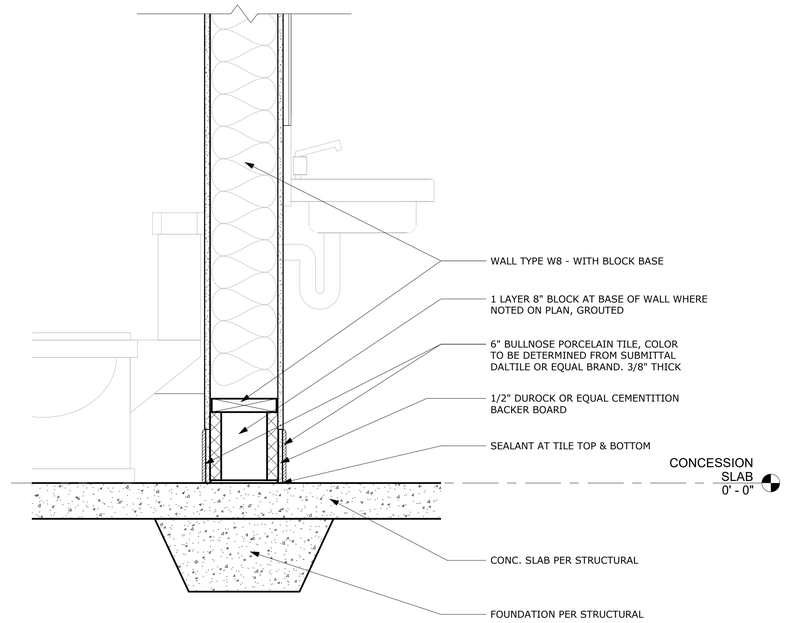
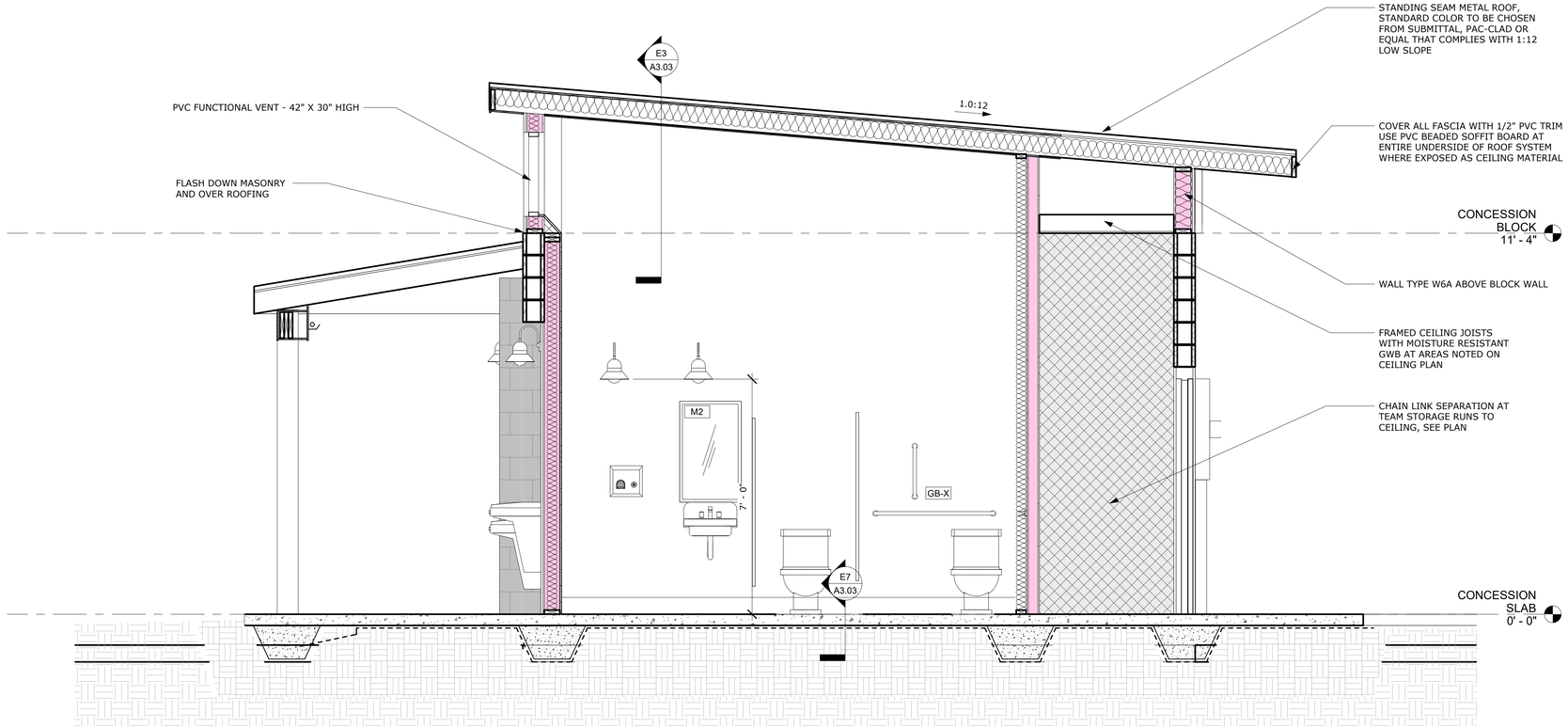


E3 A3.03 SOFFIT SECTION AT JOG
1 1/2" = 1'-0"



E7 A3.03 BLOCK BASE AT WALL TYPE - CONCESSIONS BUILDING
1 1/2" = 1'-0"



A1 A3.03 RAVENEL BALLFIELD - CONCESSIONS BUILDING
1/2" = 1'-0"

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SECTION - CONCESSIONS

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A3.03

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RAVENEL HALL

HALL DOOR & FRAME SCHEDULE

FIRE RATING	MARK	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	MODEL	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE	COMMENTS
	H08	6' - 0"	7' - 0"	F	FIBERGLASS	F1	HM		STOREROOM LOCK
	H09	6' - 0"	7' - 0"	F	FIBERGLASS	F1	HM		ENTRY LOCKSET
	H10	3' - 0"	7' - 0"	S	ALUMINUM	-			SCREEN DOOR
	H11	6' - 0"	7' - 0"	S	ALUMINUM	-			DOUBLE SCREEN DOOR

CONCESSIONS BUILDING

CONCESSIONS DOOR & FRAME SCHEDULE

FIRE RATING	MARK	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	MODEL	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE	COMMENTS
	C101A	4' - 0"	7' - 0"	F	FIBERGLASS	F2	HM		ENTRY LOCKSET WITH INTERIOR DEADBOLT
	C101B	6' - 8"	4' - 0"	OC	GALV. STEEL	-	-		OVERHEAD COILING COUNTER DOOR, CORNELL OR EQUAL
	C102A	3' - 0"	7' - 0"	F	FIBERGLASS	F1	HM		STOREROOM LOCK
	C103A	3' - 0"	7' - 0"	F	FIBERGLASS	F2	HM		STOREROOM LOCK
	C104A	3' - 0"	7' - 0"	F	FIBERGLASS	F2	HM		ENTRY LOCKSET - KEYED SEPARATELY
	C104B	3' - 0"	7' - 0"	F	FIBERGLASS	F2	HM		ENTRY LOCKSET - KEYED SEPARATELY
	C104C	3' - 0"	7' - 0"	F	FIBERGLASS	F2	HM		ENTRY LOCKSET - KEYED SEPARATELY
	C104D	3' - 0"	7' - 0"	F	FIBERGLASS	F2	HM		ENTRY LOCKSET - KEYED SEPARATELY
	C105A	3' - 0"	7' - 0"	F	FIBERGLASS	F1	HM		ENTRY LOCKSET WITH INTERIOR DEADBOLT
	C106A	3' - 0"	7' - 0"	F	FIBERGLASS	F1	HM		ENTRY LOCKSET WITH INTERIOR DEADBOLT
	C107A	3' - 0"	7' - 0"	F	FIBERGLASS	F1	HM		STOREROOM LOCK

DOOR HARDWARE BASIS OF DESIGN

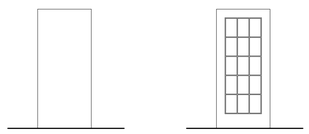
Hardware Set #1
3 HINGES MPB79 4 ½ X 4 ½ 26D MC
1 LOCKSET ML2051 LWA CT6R 630 CR
1 CORE CR8000 626 CR
1 CLOSER DC6210 M54 689 CR
1 WALL BUMPER 406 US32D RO
1 WEATHERSTRIP 315 CR 1 X 36" 2 X 84" PE
1 DOOR BOTTOM 315 CN 36" PE
1 THRESHOLD 171 A 36" PE

CONTRACTOR TO VERIFY WITH OWNER BEFORE PURCHASING HARDWARE

DOOR NOTES

1. ALL EXTERIOR HOLLOW METAL FRAMES ARE WELDED. KNOCK DOWN FRAMES ACCEPTABLE AND INTERIOR SPACES ONLY.
2. PRIOR TO FABRICATION, FIELD VERIFY ALL DIMENSIONS.
3. REFER TO LIST THIS PAGE FOR HARDWARE SETS. COORDINATE WITH OWNER BEFORE PURCHASE AND INSTALLATION.
4. EXTERIOR GLASS TO BE DOUBLE PANE LOW E GLAZING AND TEMPERED AS REQUIRED. ALL EXTERIOR GLASS TO BE IMPACT RATED FOR LOCAL REQUIREMENTS.

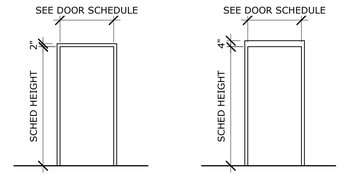
DOOR LEGEND



F
FLUSH DOOR

FG
FULL GLASS DOOR WITH MULLIONS

E6 / A6.01 DOOR ELEVATIONS
1/4" = 1'-0"



F1
HOLLOW METAL FRAME

F2
HOLLOW METAL FRAME
4" MASONRY HEAD

E8 / A6.01 DOOR FRAMES
1/4" = 1'-0"

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DOOR SCHEDULES & ELEVATIONS

Project Number:	21081
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A6.01

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