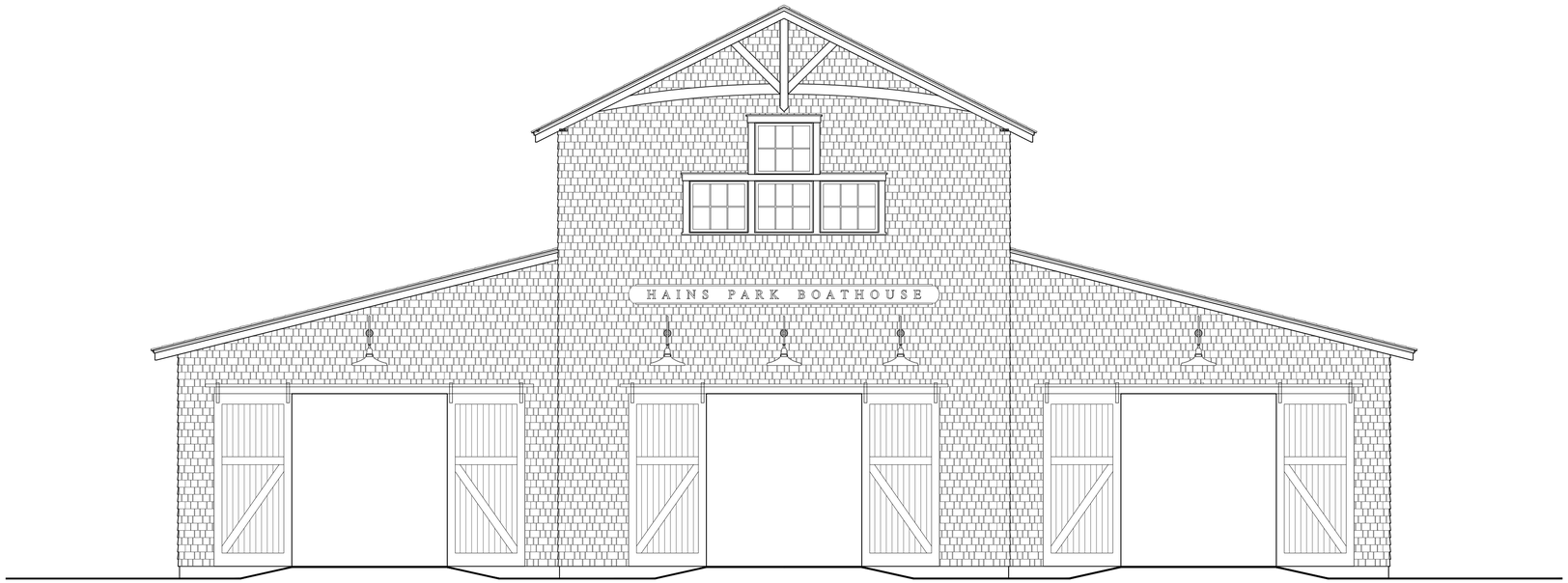
HAINS PARK BOATHOUSE
AT ROGERS LAKE

166 BOSTON POST ROAD, OLD LYME, CT 06371

Bid Set, OCTOBER 27, 2014



LIST OF DRAWINGS

GENERAL NOTES

1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

2.) GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND PLACEMENT OF ORDER.

3.) ANY CONFLICT BETWEEN DRAWINGS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.

4.) CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

TITLE: NEW CONSTRUCTION
HAINS PARK BOATHOUSE
AT ROGERS LAKE
166 BOSTON POST ROAD
OLD LYME, CT 06371

COVER SHEET

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
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9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

SCALE: AS NOTED	BID SET DATE: OCTOBER 27, 2014
DRAWING RELEASE DATE: 10.27.14	CONTRACT SET DATE: (REVISION SET DATES ABOVE)

T1.0

LIST OF TYPICAL DRAWING ABBREVIATIONS

MISCELLANEOUS

℄	AND
∠ OR <	ANGLE
@	AT
℄	CENTERLINE
[	CHANNEL
⌀	DIAMETER OR ROUND
⊥	PERPENDICULAR
#	NUMBER OR POUND
d	PENNY
ℙ	PLATE OR PROPERTY LINE
#	SQUARE FEET
℉	FLOOR LINE
#	SQUARE FEET
N/A	NOT APPLICABLE
W/A	WHERE APPLICABLE
W/O	WITHOUT W/WITH

A

A/C	AIR CONDITIONING
ABV.	ABOVE
ACOUS	ACOUSTICAL
A.D.	AREA DRAIN
A.F.F.	ABOVE FINISH FLOOR
ADJ.	ADJUSTABLE
AGGR.	AGGREGATE
AL.	ALUMINUM
AL.GL	ALUMINUM/GLASS
A.P.	ACCESS PANEL
APPROX.	APPROXIMATE
ANCH.	ANCHOR
ARCH.	ARCHITECTURAL
ASB.	ASBESTOS
ASPH.	ASHPALT
AUTO.	AUTOMATIC

B

B.	BOLLARD LIGHT
BD.	BOARD
BEL.	BELOW
BIT.	BITUMINOUS
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BRKT.	BRACKET
BSMT.	BASEMENT
BR.	BRONZE
BRG.	BEARING
BRK.	BRICK
B.U.	BUILT UP
BLTN.	BULLETIN

C

CAT.	CATEGORY
CAB.	CABINET
CB.	CORNER BEAD
C.B.	CATCH BASIN
CEM.	CEMENT
C.F.	CUBIC FOOT
C.G.	CORNER GUARD
C.I.	CAST IRON
C.I.P.	CAST IN PLACE
C.J.	CONTROL JOINT
CK.	CAULK
C.T.	CERAMIC TILE
CLG.	CEILING
CLO.	CLOSET
COL.	COLUMN
COMP.	COMPRESS (ED),(ION),(IBLE)
CONC.	CONCRETE
CMU.	CONCRETE MASONRY UNITS
CONN.	CONNECTION
CONSTR.	CONSTRUCTION
CONTR.	CONTRACTOR
CONT.	CONTINUOUS
CORR.	CORRUGATED
CNTR	COUNTER
C.S.	COUNTER SINK
CTR.	CENTER
CTSK.	COUNTERSUNK
C.Y.	CUBIC YARD

D

D.	DRAIN PIPE
DBL.	DOUBLE
DEP.	DEPRESSED
DEPT.	DEPARTMENT
DET.	DETAIL
D.F.	DRINKING FOUNTAIN
D.H.	DOUBLE HUNG
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DIV.	DIVISION
D.MH.	DRAIN MANHOLE
DMT.	DEMOUNTABLE
DN.	DOWN
DR.	DOOR
D.O.	DOOR OPENING
D.P.	DAMP PROOFING
DRN.	DRAIN
DS.	DRAINSPOUT
DWG.	DRAWING
DTL.	DRAWINGS
DWGS.	DETAIL
DWR.	DRAWER

E

EA.	EACH
E.	EAST
EL.	ELEVATION
E.B.	EXPANSION BOLT
E.J.	EXPANSION JOINT
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMER.	EMERGENCY
E.MH.	ELECTRICAL MANHOLE
ENCL.	ENCLOSURE
E.P.	ELEC. PANELBOARD
EQ./=	EQUAL
EQPT.	EQUIPMENT
EST.	ESTIMATE
E.W.C.	ELEC. WATER COOLER
EXCAV.	EXCAVATE
EXH.	EXHAUST
EXP.	EXPANSION
EXIST.	EXISTING
EXT.	EXTERIOR

F

F.A.	FIRE ALARM
FBO/ F.B.O.	FURNISHED BY OWNER (LABOR AND MATERIALS FOR COMPLETE INSTALLATION TO BE SUPPLIED BY GC.)
F.D.	FLOOR DRAIN
FDN.	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.H.	FLAT HEAD
FHMS.	FLATHEAD MACHINE SCREW
FHWS.	FLATHEAD WOOD SCREW
F.H.C.	FIRE HOSE CABINET
FIN.	FINISH (ED)
FIN.FL. ELEV.	FINISHED FLOOR ELEVATION
FL.	FLOOR
FLASH.	FLASHING
FLUOR.	FLUORESCENT
F.O.C.	FACE OF CONCRETE
F.O.S.	FACE OF STUD
F.O.F.	FACE OF FINISH
FP.	FIREPROOF (ING)
FPL.	FIREPLACE
FR.	FRAME
F.S.	FULL SIZE
FT.	FOOT OR FEET
F.T.F.	FINISH TO FINISH DIMENSION
FTG.	FOOTING
FUR.	FURRING
FUT.	FUTURE

G

G.	GAS PIPE
G.C.	GENERAL CONTRACTOR
GA.	GAUGE
GALV.	GALVANIZED
G.I.	GALVANIZED IRON
G.B.	GRAB BAR
G.F.	GROUND FACE
G.G.	GAS GATE
G.G.V.	GAS GATE VALVE
GL.	GLASS, GLAZING
GND.	GROUND
GR.	GRADE
GRN.	GRANITE
G.V.	GATE VALVE
GWB.	GYPSUM WALLBOARD
GYP.	GYPSUM

H

H.B.	HOSE BIBB
H. C.	HOLLOW CORE
HD.	HEAD
HDR.	HEADER
HDF.	HANDICAP DRINKING FOUNTAIN
HDW.	HARDWARE
HDWD.	HARDWOOD
HGT.	HEIGHT
H.M.	HOLLOW METAL
HNDRL.	HANDRAIL
HORIZ.	HORIZONTAL
H.P.	HANDICAPPED PARKING
H.PT.	HIGH POINT
HR.	HOUR
HTG.	HEATING
HWH.	HOT WATER HEATER
H.V.A.C.	HEATING, VENTILATION & AIR CONDITIONING
HYD.	HYDRANT

I

I.D.	INSIDE DIAMETER/DIMENSION
IN.	INCH
INCIN.	INCINERATOR
INCL.	INCLUDE(S)
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERT

J

JAN.	JANITOR
J.C.	JANITOR CLOSET
J.F.	JOINT FILLER
JST.	JOIST
JT.	JOINT

K

KIT.	KITCHEN
K.P.	KICK PLATE
KO	KNOCKOUT

L

L.	LENGTH
LAB.	LABORATORY
LAM.	LAMINATE
LAV.	LAVATORY
LH.	LEFT HAND
LTL.	LINTEL
LKR.	LOCKER
LL.	LINELOAD
L.P.	LIGHT PANEL
L.PT.	LOW POINT
LT.	LIGHT
LVR.	LOUVER

M

MAT.	MATERIAL
MAS.	MASONRY
MAX.	MAXIMUM
MECH.	MECHANICAL
MED.	MEDIUM
MEMB.	MEMBRANE
MTL.	METAL
MFG.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MDLG.	MOULDING
M.	METER
MM.	MILLIMETER
MOD.	MODULAR
M.O.	MASONRY OPENING
M/R	MOISTURE RESISTANT
MTD.	MOUNT(ED)
MTL.	MATERIAL
MULL.	MULLION

N

N.	NORTH
NAT.	NATURAL
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
NR.	NOISE REDUCTION
NRC.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE

O

OA.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER/ DIMENSION
OFF.	OFFICE
O.P.	OIL PIPE
OPG.	OPENING
OPP.	OPPOSITE
OPP. H. OVHD.	OPPOSITE HAND OVERHEAD
O.W.J.	OPEN WEB JOINT
OZ.	OUNCE

P

PAV.	PAVING
P.C.C.	PRECAST CONCRETE
PCF.	POUNDS PER CUBIC FOOT
PED.	PEDESTAL
PERF.	PERFORATED
PFAB.	PREFABRICATED
P.I.V.	POST INDICATOR VALVE
PL.	PLATE
PLF.	POUNDS PER LINEAR FOOT
PL. LAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PLBG.	PLUMBING
PLYWD.	PLYWOOD
PM.	PRESSED METAL
POL.	POLISHED
PR.	PAIR
PRCST.	PRECAST
PSF.	POUNDS PER SQUARE FOOT
PSI.	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
P.T.D.	PAPER TOWEL DISPENSER
P.T.D./R	PAPER TOWEL DISPENSER/ RECEPTACLE
PTD.	PAINTED
PART.	PARTITION
P.T.R.	PAPER TOWEL RECEPTACLE
PVC.	POLYVINYL CHLORIDE
PVMT.	PAVEMENT

Q

Q.T.	QUARRY TILE

R

R.	RISER
RA.	RETURN AIR
RAD.	RADIUS
R.D.	ROOF DRAIN
REF.	REFERENCE
REFR.	REFRIGERATOR
REG.	REGISTER
REINF.	REINFORCED
REQ.	REQUIRED
RESIL.	RESILIENT
RET.	RETURN
REV.	REVISION
RFG.	ROOFING
RFL.	REFLECTED
RH.	RIGHT HAND
RM.	ROOM
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
RVS.	REVERSE
RVT.	RIVET

S

S.	SOUTH
SAN.	SANITARY
S.C.	SOLID CORE
SCHED.	SCHEDULE
S.D.	SOAP DISPENSER
SECT.	SECTION
SFGL.	SAFETY GLASS
S.H.	SPRINKLER HEAD
SHR.	SHOWER
SHT.	SHEET
SHTH.	SHEATHING
SIM.	SIMILAR
SL.	SLEEVE
SLNT.	SEALANT
S.N.D.	SANITARY NAPKIN DISPENSER
S.N.R.	SANITARY NAPKIN RECEPTACLE
SPKR.	SPEAKER
SPL.	SPECIAL
SQ.	SQUARE
SQ.FT.	SQUARE FOOT
S.S.	STAINLESS STEEL
SP.	STANDPIPE
S.SK.	SERVICE SINK
STA.	STATION
STD.	STANDARD
STL.	STEEL
STG.	SEATING
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SYM.	SYMMETRY (ICAL)
SYS.	SYSTEM

T

T.	TREAD
T.B.	TOWEL BAR
T.D.	TOWEL DISPENSER
TEL.	TELEPHONE
TEMP.	TEMPERED
TER.	TERRAZZO
T. & G.	TONGUE AND GROOVE
T.H.	TISSUE HOLDER
THK.	THICK
THR.	THRESHOLD
T.O.C.	TOP OF CONCRETE
T.O.F.	TOP OF FOUNDATION
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
T.P.	TOILET PAPER DISPENSER
TPTD.	TOILET PARTITION
TR.	TRANSOM
T.O.S.	TOP OF SLAB
T.V.	TELEVISION
TYP.	TYPICAL

U

UC	UNDERCOUNTER
UNFIN.	UNFINISHED
U.O.N.	UNLESS OTHERWISE NOTED
UR.	URINAL

V

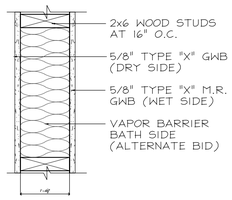
V.A.T.	VINYL ASBESTOS TILE
VB.	VAPOR BARRIER
VCSP.	VERIGATED COPOLYMER SURFACE
VCT.	VINYL COMPOSITE TILE
VEN.	VENEER
VERT.	VERTICAL
VEST.	VESTIBULE
VG.	VERTICAL GRAIN
VIN.	VINYL
V.J.	V-JOINT
VRM.	VERMICULITE
V.W.C.	VINYL WALLCOVERING

W

W.	WEST
W/	WITH
W.B.	WOOD BASE
W.C.	WATER CLOSET
WD.	WOOD
WGL.	WIRE GLASS
W.G.V.	WATER GATE VALVE
WH.	WALL HUNG
WI.	WROUGHT IRON
WIN.	WINDOW
WM.	WIRE MESH
W/O	WITHOUT
WP.	WATERPROOF
WPT.	WORKING POINT
WSCT.	WAINSCOT
WT.	WEIGHT
WWM.	WELDED WIRE MESH

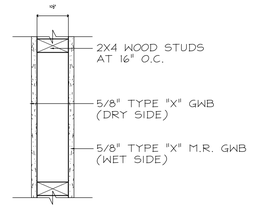
TYPICAL WALL & PARTITION SCHEDULE

NOTE: BID UNFACED R-19 BATT INSULATION AS AN ADD ALTERNATE



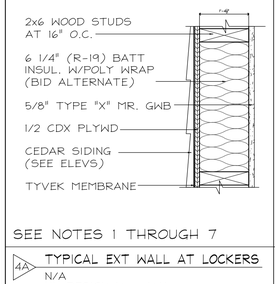
SEE NOTES 1 THROUGH 7

1 — 1 HR FIRE RATED 2x6 @ LOCKERS
1 HR FIRE RATING
UL DESIGN No. - U305



SEE NOTES 1 THROUGH 7

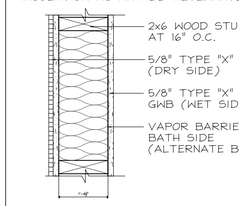
2A — 1 HR FIRE RATED 2x4 WET WALL
1 HR FIRE RATING
UL DESIGN No. - U305



SEE NOTES 1 THROUGH 7

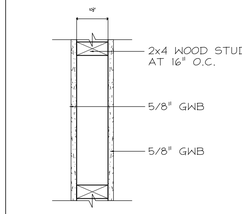
4A — TYPICAL EXT WALL AT LOCKERS
N/A
UL DESIGN No. -N/A

NOTE: BID UNFACED R-19 BATT INSULATION AS AN ADD ALTERNATE



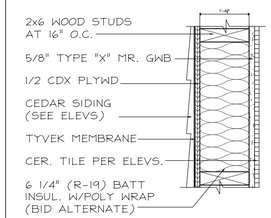
SEE NOTES 1 THROUGH 7

1A — 1 HR FIRE RATED 2x6 @ BATH
1 HR FIRE RATING
UL DESIGN No. - U305



SEE NOTES 1 THROUGH 7

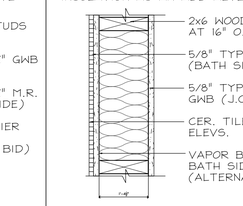
3 — TYPICAL 2x4 WALL
UNRATED
UL DESIGN No. -N/A



SEE NOTES 1 THROUGH 7

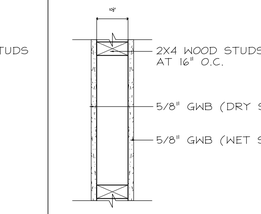
4B — TYPICAL EXT. WALL AT BATHS
N/A
UL DESIGN No. -N/A

NOTE: BID UNFACED R-19 BATT INSULATION AS AN ADD ALTERNATE



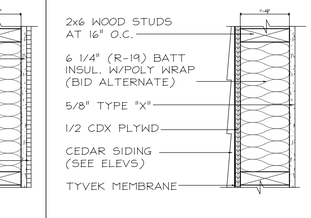
SEE NOTES 1 THROUGH 7

1B — 1 HR FIRE RATED BATH/JAN.
1 HR FIRE RATING
UL DESIGN No. - U305



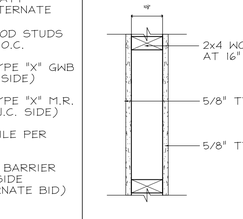
SEE NOTES 1 THROUGH 7

3A — TYPICAL 2x4 WET WALL (1 SIDE)
UNRATED
UL DESIGN No. - N/A



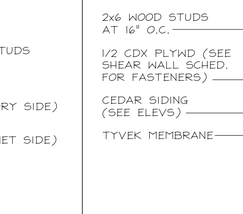
SEE NOTES 1 THROUGH 7

4C — 1 HR FIRE RATED EXT. WALLS
1 HOUR (INSIDE ONLY)
UL DESIGN No. -U344 & WP-1346/1351



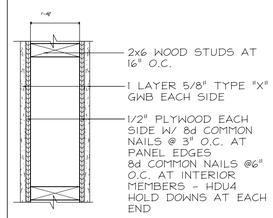
SEE NOTES 1 THROUGH 7

2 — 1 HR FIRE RATED 2x4 WALL
1 HR FIRE RATING
UL DESIGN No. - U305



SEE NOTES 1 THROUGH 7

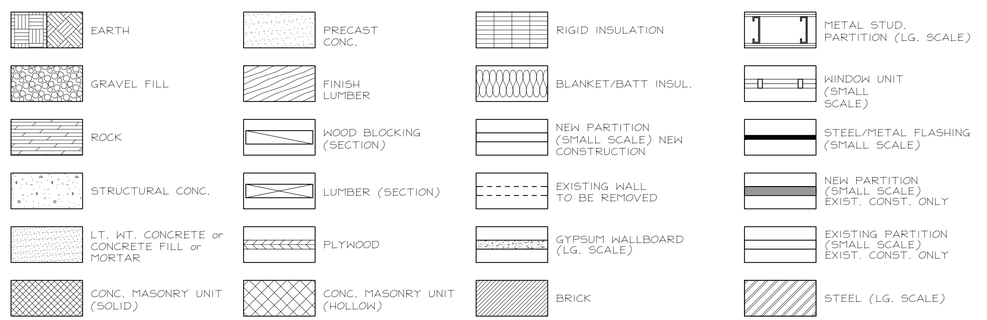
4 — TYPICAL EXTERIOR SHEAR WALL
N/A
UL DESIGN No. -N/A



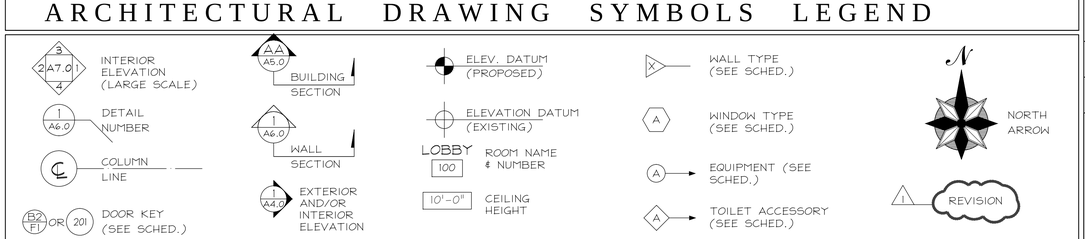
SEE NOTES 1 THROUGH 7

5 — 1 HR FIRE RATED 2x6 SHEAR WALL
1 HR FIRE RATING
UL DESIGN No. - U305 SIM.

MATERIAL SYMBOLS LEGEND



ARCHITECTURAL DRAWING SYMBOLS LEGEND



PARTITION NOTES

1. ALL FIRE RATED PARTITIONS TO BE ASSEMBLED, AND SEALED AS PER UL RATING REQUIREMENT.

2. ALL PIPE AND DUCT PENETRATIONS SHALL BE SEALED AS REQUIRED TO MAINTAIN FIRE RATING OF WALL ASSEMBLY.

3. USE DUROCK/CEMENT BOARD AT ALL SHOWER & TUB SURROUND WALLS. MATCH FIRE RATING & THICKNESS

4. USE MOISTURE/WATER RESISTANT GWB AT ALL BATHROOM, JAN. CLOSET & LOCKER WALLS. MATCH FIRE RATING & THICKNESS

5. ALL FIRE AND SMOKE RATED PARTITION WALL STUDS SHALL EXTEND TO THE UNDERSIDE OF FLOOR/DECK ABOVE, AND SHALL CONFORM WITH SECTION 708.4 OF THE 2003 IBC & 2005 CONNECTICUT STATE BUILDING CODE. WHETHER INDICATED ON THE PLANS OR NOT, ALL FIRESTOPPING, FIREBLOCKING AND DRAFTSTOPPING SHALL BE INSTALLED AS REQUIRED BY CODE.

6. UNLESS NOTED OTHERWISE, ALL INSULATION SHOWN IS FOR BIDDING PURPOSES ONLY AND NOT REQUIRED FOR WALL RATING.

7. REFER TO STRUCTURAL DRAWINGS FOR ALL ADDITIONAL SHEAR WALL REQUIREMENTS (TYPICAL)

GENERAL NOTES

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4.) CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

ABBREVIATIONS, SYMBOLS LEGENDS & WALL TYPE SCHEDULE

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

SCALE: AS NOTED	BID SET DATE: OCTOBER 27, 2014
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A1.0

CODE REVIEW - NARRATIVE

CODE REFERENCES-IBC 2003, WITH 2005 SUPPLEMENT AND 2009, 2011 & 2013 CONNECTICUT AMENDMENTS
ANSI/ICC 1171. - 2003 ACCESSIBILITY & ADA 2010

NARRATIVE -THE PROPOSED SCOPE OF WORK IS AS FOLLOWS.

◆ 1ST FLOOR - 5,932 TOTAL GROSS . 5,777 TOTAL NET AREA
USE GROUP - PARKING GARAGE (S2)
INCIDENTAL USES OFFICE (B), STORAGE (S2)

◆ 2ND FLOOR - 1,976 TOTAL GROSS SQ.FT. - 1,875 TOTAL NET SQ.FT.
USE GROUP B - (ASSEMBLY UNDER 50 (WORKOUT ROOM A3)
INCIDENTAL USES STORAGE (S2)

◆ TOTAL BLDG - 7,908 TOTAL GROSS , 7,652 TOTAL NET AREA

CHAPTER 3 - USE AND OCCUPANCY

1ST FLOOR
SECTION 304 - BUSINESS GROUP B - 1ST FLOOR OFFICE (INCIDENTAL USES)
SECTION 311 - STORAGE GROUP S2 - FIRST FLOOR GARAGE
(& INCIDENTAL STORAGE)
2ND FLOOR
SECTION 303 - ASSEMBLY GROUP A3 - 2ND FLOOR EXERCISE
(OCCUPANCY <50 - CLASSIFIED AS "B" USE GROUP)
SECTION 311 - STORAGE GROUP S2 - 2ND FLOOR STORAGE

CHAPTER 5 - CONSTRUCTION TYPE VA

CHAPTER 5 HEIGHT AND AREA LIMITATIONS TABLE 503

CHAPTER 5 - TABLE 503 (NO MODIFICATIONS)
ALLOWABLE HEIGHT AND BUILDING AREAS
HEIGHT LIMITATIONS SHOWN AS STORIES AND FEET ABOVE GRADE PLANE.
AREA LIMITATIONS AS DETERMINED BY THE DEFINITION OF "AREA, BUILDING," PER FLOOR .

TYPE VB CONSTRUCTION

		REQUIRED TABLE 503	W/ EXCEPTIONS	PROPOSED
USE GROUP B	HEIGHT	50'	N/A	< 50'
	STORY	2	N/A	4
	AREA	9,000	N/A	7,650 MAX.
USE GROUP A3	HEIGHT	50'	N/A	< 50'
	STORY	1	N/A	1
	AREA	6,000	N/A	3,000 MAX.
USE GROUP S2	HEIGHT	50'	N/A	< 50'
	STORY	2	N/A	2
	AREA	13,500	N/A	5,.932 MAX.

CHAPTER 6 - TABLE 601 (5A CONSTRUCTION)

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

BUILDING ELEMENT		REQUIRED	PROPOSED
STRUCTURAL FRAME	INCLUDING COLUMNS, GIRDERS, TRUSSES	0	1
BEARING WALLS	INTERIOR	0	1
	EXTERIOR (PER TABLE 602)	0	1 HR. WEST WALL
NON BEARING WALLS & PARTITIONS	EXTERIOR (PER TABLE 602)	0	1 HR. WEST WALL
NON BEARING WALLS & PARTITIONS	INTERIOR	0	1
FLOOR CONSTRUCTION	INCLUDING SUPPORTING BEAMS AND JOISTS	0	1
ROOF CONSTRUCTION	INCLUDING SUPPORTING BEAMS AND JOISTS	0	1

CHAPTER 7-FIRE RESISTANCE RATED CONSTRUCTION

FIRE BARRIERS

ELEMENT	SECTION REFERENCE	REQUIRED	PROPOSED
704.2.2 EXTERIOR WALLS	PROJECTONS (12" max) (SEE TABLE 601 & 602)	0	0
706.3.1 SHAFT ENCLOSURES	SEE SECTION 707.4 (LESS THAN 4 STORIES)	1	1
706.3.2 EXIT ENCLOSURES	SEE SECTION 1019.1 (INTERIOR STAIRWAY-4 STORIES)	1	1
706.3.3 EXIT PASSAGEWAY	SEE SECTION 1020.1 (CORRIDORS)	1	1
706.3.4 HORIZONTAL EXIT	SEE SECTION 1021.1	2	N/A
706.3.5 INCIDENTAL USE AREAS (SEE SECTION 302.3.1)	S2 - SECOND FLOOR STORAGE	1*	1
706.3.6 SEPARATION OF MIXED OCCUPANCIES	S2 CEILING	1**	1
706.3.6 SEPARATION OF S2& A3 MIXED OCCUPANCIES	1ST FLOOR TO SECOND FLOOR CEILING	1**	1
706.3.7 SINGLE OCCUPANCY FIRE AREAS	SEE SECTION SEE SECTION 706.3.7	2	N/A
708.3 DWELLING UNIT SEPARATION	SEE SECTION SEE SECTION 706.3.7 & 711.3	1/2**	N/A
711.3 HORIZONTAL SEPARATION	SEE SECTION SEE SECTION 711.3	1	N/A

EXCEPTIONS

* EXCEPTION 302.3.1 - INCIDENTAL USE 1 HOUR W/ AUTOMATIC FIRE EXTINGUISHING SYSTEM
** EXCEPTION 302.3.2 - MIXED USE SEPARATION REDUCTION 1 HOUR- AREAS USED ONLY FOR PRIVATE OR PLEASURE VEHICLE

CHAPTER 29 - TABLE 2902.1

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

USE GROUP	WATER CLOSETS		LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS (SEE IPC 410.01)	OTHER
	MALE	FEMALE	MALE	FEMALE			
GROUP B REQUIRED	1 PER 25-1ST 50 1 PER 50 AFTER (1 REQ'D)	1 PER 25-1ST 50 1 PER 50 AFTER (1 REQ'D)	1 PER 40-1ST 50 1 PER 80 AFTER (1 REQ'D)	1 PER 40-1ST 50 1 PER 80 AFTER (1 REQ'D)	NOT REQUIRED	1 PER 100	1 SERVICE SINK
GROUP S2 REQUIRED	1 PER 100 (1 REQ'D)	1 PER 100 (1 REQ'D)	1 PER 100 (1 REQ'D)	1 PER 100 (1 REQ'D)	NOT REQUIRED	1 PER 500	1 SERVICE SINK
TOTAL REQUIRED	2 REQUIRED	2 REQUIRED	1 REQUIRED	1 REQUIRED	N/A	1 REQUIRED	1 REQUIRED
TOTAL PROVIDED	3 PROVIDED	2 PROVIDED	2 PROVIDED	2 PROVIDED	0 PROVIDED	0 PROVIDED	1 PROVIDED

TOTAL BUILDING OCCUPANCY 47
(GROUP B & S2 - 24 MALE AND 24 FEMALE)

419.2 SUBSTITUTION FOR WATER CLOSETS. IN EACH BATHROOM OR TOILET ROOM, URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 67 PERCENT OF THE REQUIRED WATER CLOSETS. (33% SUBSTITUTION PROVIDED)

2902.3 NUMBER OF OCCUPANTS OF EACH SEX. THE REQUIRED WATER CLOSETS, LAVATORIES AND SHOWERS OR BATHTUBS SHALL BE DISTRIBUTED EQUALLY BETWEEN THE SEXES BASED ON THE PERCENTAGE OF EACH SEX ANTICIPATED IN THE OCCUPANT LOAD. THE OCCUPANT LOAD SHALL BE COMPOSED OF 50 PERCENT OF EACH SEX, UNLESS STATISTICAL DATA APPROVED BY THE BUILDING OFFICIAL INDICATE A DIFFERENT DISTRIBUTION OF THE SEXES.

CHAPTER 10-TABLE 1005.1

EGRESS WIDTH PER OCCUPANT SERVED

USE GROUP A3 AND S2	GROUP B & S2 W/0 SPRINKLER		
	STAIRS	DOORS	CORRIDORS
REQUIRED FIRST FLOOR	0.3x47=14.1"	0.2x47=9.4"	0.15x47=7.05"
PROPOSED FIRST FLOOR	MIN. 44"	36"	36"
REQUIRED SECOND FLOOR	0.3x47=14.1"	0.2x64=9.4"	0.15x47=7.05"
PROPOSED SECOND FLOOR	MIN. 44"	36"	36"

CHAPTER 10-TABLE 1015.1

EXIT ACCESS TRAVEL DISTANCE

USE GROUP	WITHOUT SPRINKLER SYSTEM	MAXIMUM PROVIDED
USE GROUP B	200 FT.	110 FT.
USE GROUP S2	300 FT.	110 FT.

CHAPTER 10-TABLE 1018.2

BUILDINGS WITH ONE EXIT

USE GROUP	MAXIMUM NUMBER OF STORIES ABOVE GRADE	MAX. OCCUPANCY MAX. TRAVEL DISTANCE PER FLOOR
USE GROUP B	2	30 PEOPLE / 75 TRAVEL DISTANCE
USE GROUP S2	2	30 PEOPLE / 75 TRAVEL DISTANCE

CHAPTER 9-FIRE PROTECTION SYSTEMS

907.1 GENERAL. THIS SECTION COVERS THE APPLICATION, INSTALLATION,PERFORMANCE AND MAINTENANCE OF FIRE ALARM SYSTEMS AND THEIR COMPONENTS.

907.1.1 CONSTRUCTION DOCUMENTS. CONSTRUCTION DOCUMENTS FOR FIRE ALARM SYSTEMS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO SYSTEM INSTALLATION. CONSTRUCTION DOCUMENTS SHALL INCLUDE, BUT NOT BE LIMITED TO, ALL OF THE FOLLOWING:

SECTION 907 - FIRE ALARM AND DETECTION SYSTEMS

1. A FLOOR PLAN WHICH INDICATES THE USE OF ALL ROOMS.
2. LOCATIONS OF ALARM-INITIATING AND NOTIFICATION APPLIANCES.
3. ALARM CONTROL AND TROUBLE SIGNALING EQUIPMENT.
4. ANNUNCIATION.
5. POWER CONNECTION.
6. BATTERY CALCULATIONS.
7. CONDUCTOR TYPE AND SIZES.
8. VOLTAGE DROP CALCULATIONS.
9. MANUFACTURERS, MODEL NUMBERS AND LISTING INFORMATION FOR EQUIPMENT, DEVICES AND MATERIALS.
10. DETAILS OF CEILING HEIGHT AND CONSTRUCTION.
11. THE INTERFACE OF FIRE SAFETY CONTROL FUNCTIONS.

907.2 WHERE REQUIRED.

AN APPROVED MANUAL, AUTOMATIC OR MANUAL AND AUTOMATIC FIRE ALARM SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS 907.2.1 THROUGH 907.2.23. WHERE AUTOMATIC SPRINKLER PROTECTION, INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2, IS PROVIDED AND CONNECTED TO THE BUILDING FIRE ALARM SYSTEM, AUTOMATIC HEAT DETECTION REQUIRED BY THIS SECTION SHALL NOT BE REQUIRED. AN APPROVED AUTOMATIC FIRE DETECTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND NFPA72. DEVICES, COMBINATIONS OF DEVICES, APPLIANCES AND EQUIPMENT SHALL COMPLY WITH SECTION 907.1.2. THE AUTOMATIC FIRE DETECTORS SHALL BE SMOKE DETECTORS, EXCEPT THAT AN APPROVED ALTERNATIVE TYPE OF DETECTOR SHALL BE INSTALLED IN SPACES SUCH AS BOILER ROOMS WHERE, DURING NORMAL OPERATION,PRODUCTS OF COMBUSTION ARE PRESENT IN SUFFICIENT QUANTITY TO ACTUATE A SMOKE DETECTOR.

907.2.1 GROUP A.

A MANUAL FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 IN GROUP A OCCUPANCIES HAVING AN OCCUPANT LOAD OF 300 OR MORE. PORTIONS OF GROUP E OCCUPANCIES OCCUPIED FOR ASSEMBLY PURPOSES SHALL BE PROVIDED WITH A FIRE ALARM SYSTEM AS REQUIRED FOR THE GROUP E OCCUPANCY

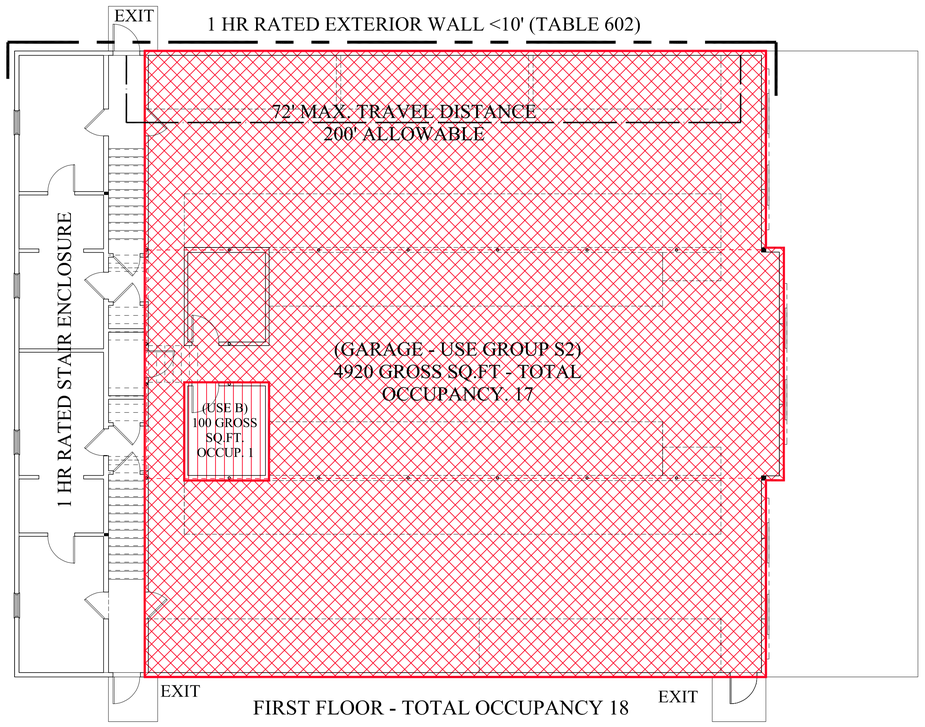
CHAPTER 7-SECTION 715 OPENING PROTECTIVES

715.4.7 INTERIOR FIRE WINDOW ASSEMBLIES. FIRE-PROTECTION-RATED GLAZING USED IN FIRE WINDOW ASSEMBLIES LOCATED IN FIRE PARTITIONS AND FIRE BARRIERS SHALL BE LIMITED TO USE IN ASSEMBLIES WITH A MAXIMUM FIRE-RESISTANCE RATING OF 1 HOUR IN ACCORDANCE WITH THIS SECTION.

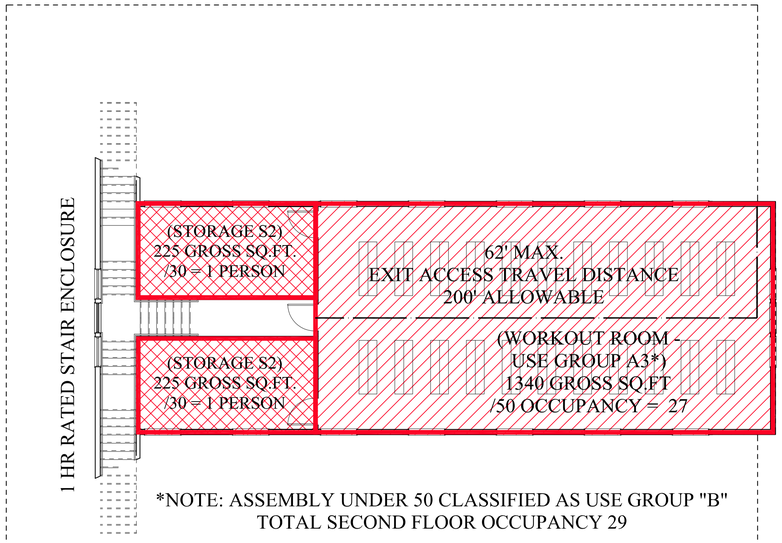
715.4.7.1 WHERE PERMITTED. FIRE-PROTECTION-RATED GLAZING SHALL BE LIMITED TO FIRE PARTITIONS DESIGNED IN ACCORDANCE WITH SECTION 708 AND FIRE BARRIERS UTILIZED IN THE APPLICATIONS SET FORTH IN SECTIONS 706.3.5 AND 706.3.6 WHERE THE FIRE-RESISTANCE RATING DOES NOT EXCEED 1 HOUR.

715.4.7.2 SIZE LIMITATIONS. THE TOTAL AREA OF WINDOWS SHALL NOT EXCEED 25 PERCENT OF THE AREA OF A COMMON WALL WITH ANY ROOM.

BUILDING CODE COMPLIANCE DIAGRAMS



FIRST FLOOR - TOTAL OCCUPANCY 18



*NOTE: ASSEMBLY UNDER 50 CLASSIFIED AS USE GROUP "B"
TOTAL SECOND FLOOR OCCUPANCY 29

1 HR. USE SEPARATION PROVIDED
1ST & 2ND FLOOR

SECOND FLOOR - TOTAL OCCUPANCY 29

GENERAL NOTES

1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

2.) GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND PLACEMENT OF ORDER.

3.) ANY CONFLICT BETWEEN DRAWINGS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.

4.) CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

TITLE: NEW CONSTRUCTION
HAINS PARK BOATHOUSE AT ROGERS LAKE
166 BOSTON POST ROAD
OLD LYME, CT 06371

CODE COMPLIANCE AND DIAGRAMS
HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

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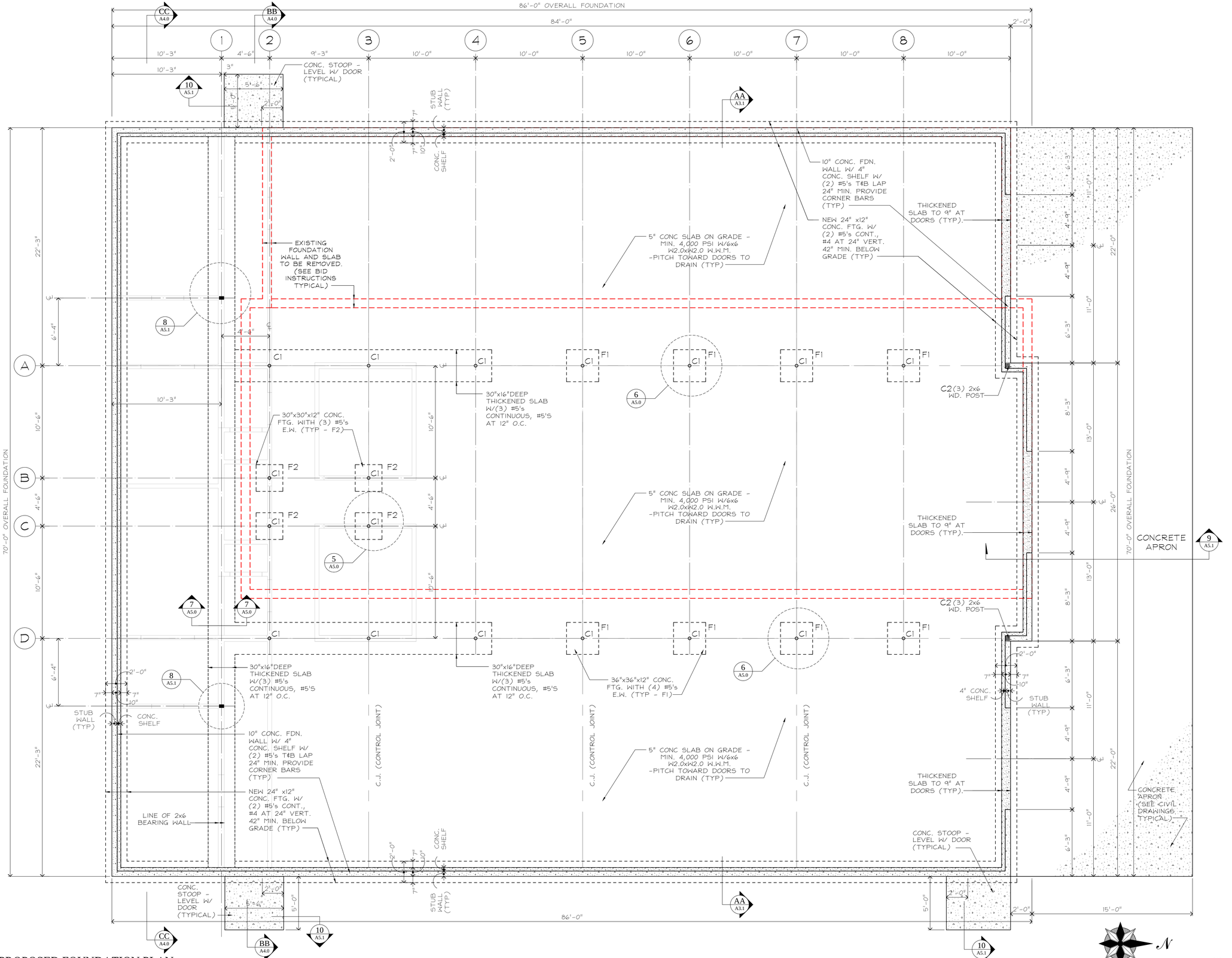

PROPOSED FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

1
A2.0

GENERAL NOTES

1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

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TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

PROPOSED FOUNDATION PLAN

HPB-BIDSET-A2-0-102414.DWG

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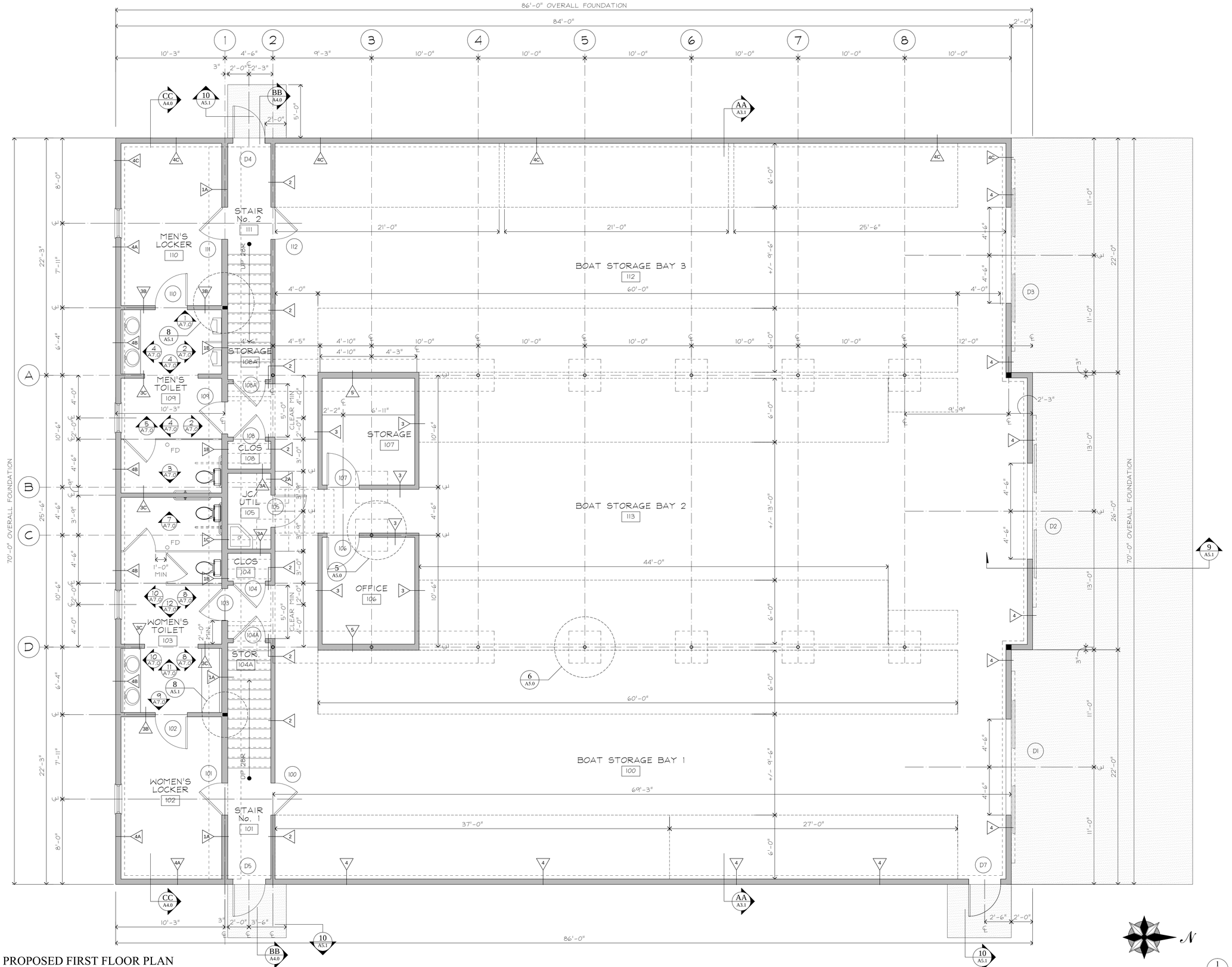

PROPOSED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

1 A2.1

GENERAL NOTES

1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

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TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

PROPOSED
1ST FLOOR PLAN

HPB-BIDSET-A2-0-102414.DWG

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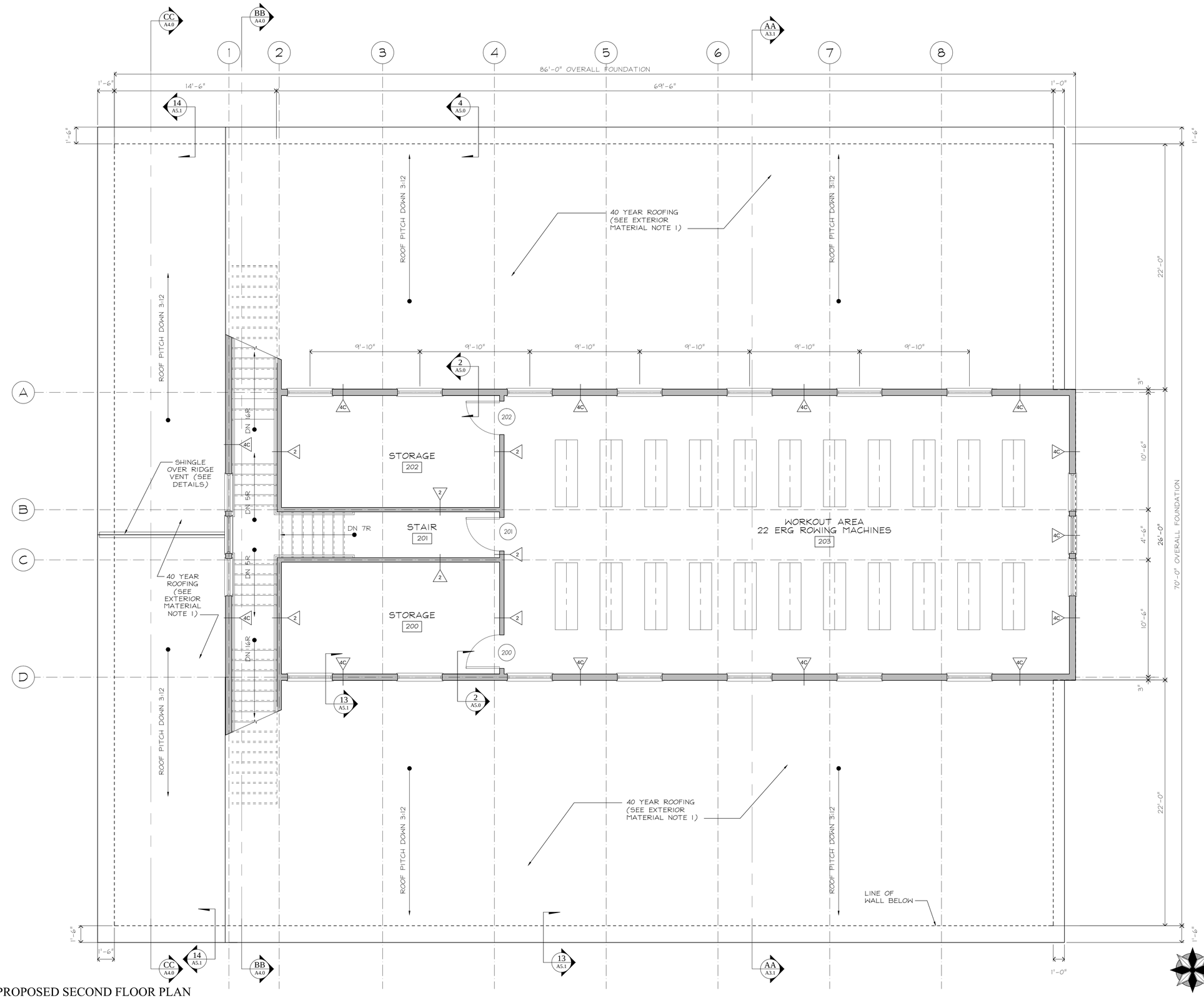

PROPOSED SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"

1 A2.2

GENERAL NOTES

1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

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TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

PROPOSED
2ND FLOOR PLAN

HPB-BIDSET-A2-0-102414.DWG

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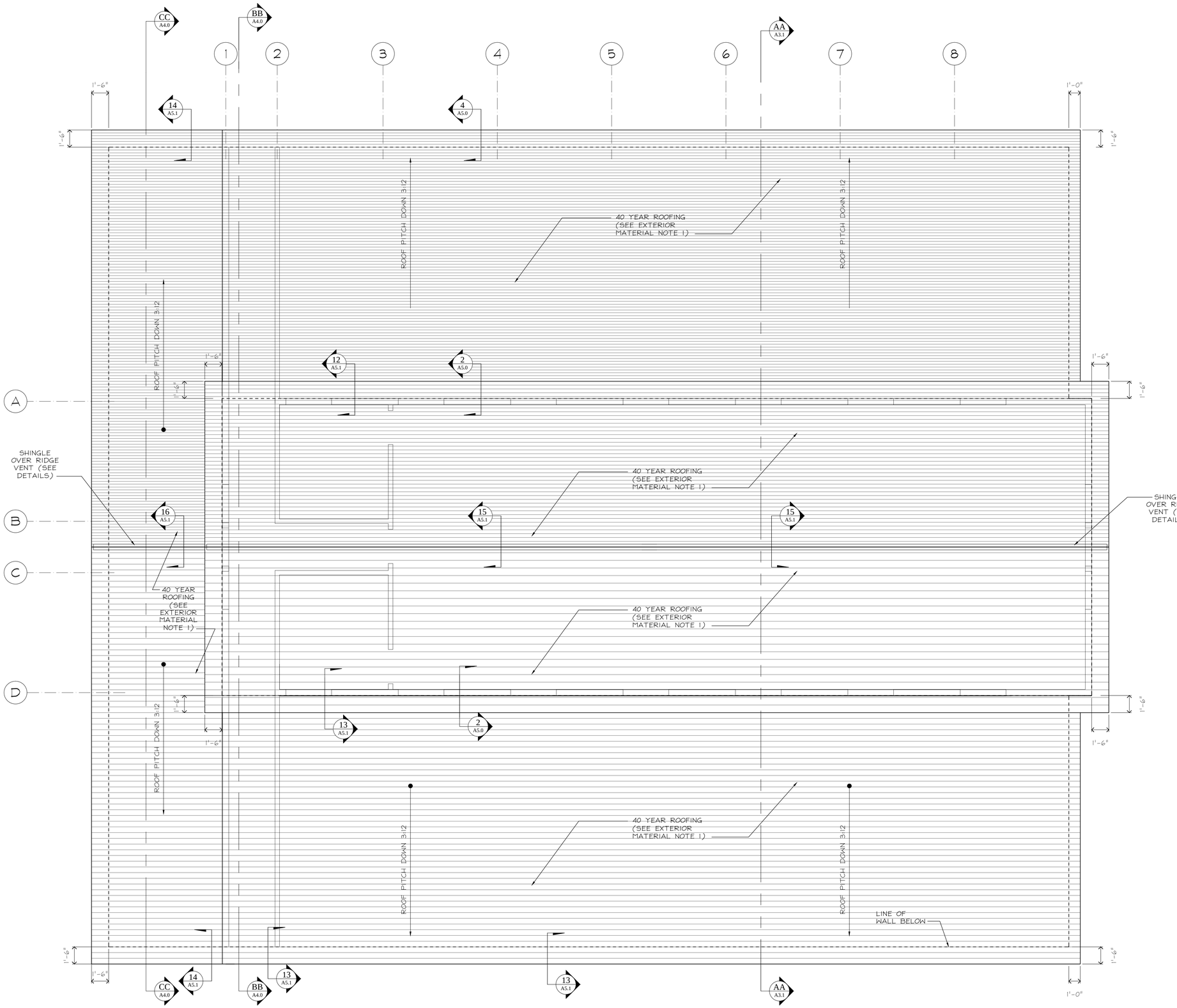

PROPOSED ROOF PLAN

SCALE: 1/4" = 1'-0"

1 A2.3

GENERAL NOTES

1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

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3.) ANY CONFLICT BETWEEN DRAWINGS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.

4.) CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

PROPOSED ROOFPLAN

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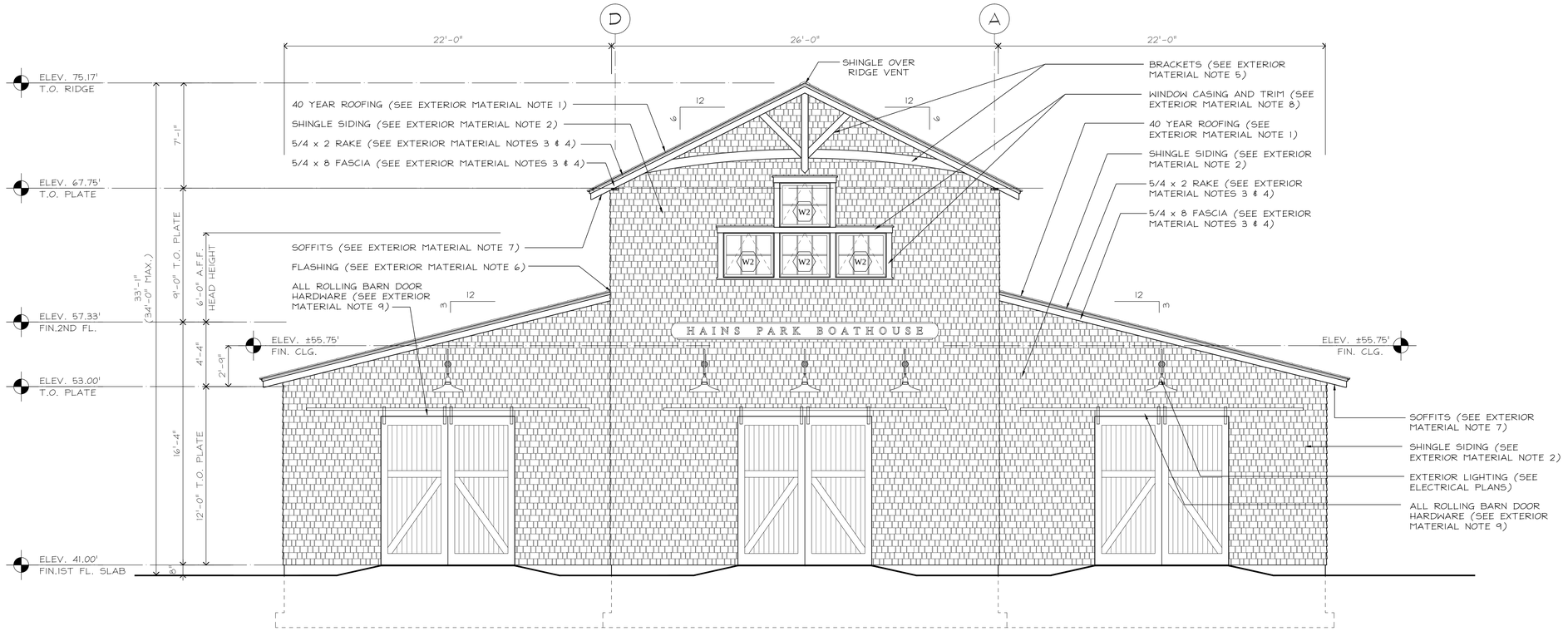
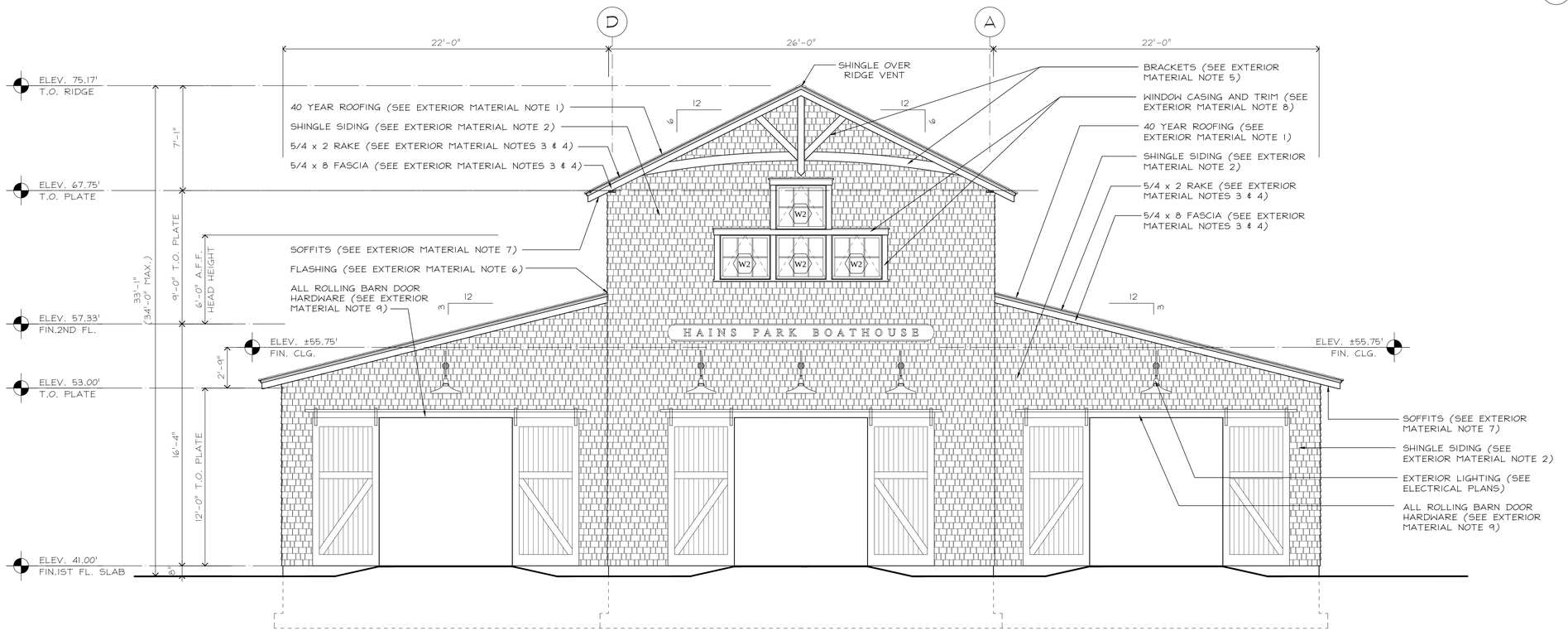


ROGERS LAKE ELEVATION (DOORS CLOSED)

SCALE: 1/4" = 1'-0"

1 / A3.0



NORTH (ROGERS LAKE) ELEVATION (DOORS OPEN)

SCALE: 1/4" = 1'-0"

2 / A3.0

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

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EXTERIOR ELEVATION MATERIALS NOTES

1. ALL ROOFING SHALL BE 40 YEAR ARCHITECTURAL ASPHALT SHINGLES, OVER 15# FELT AT 6:12 PITCH, (2) LAYERS 15# FELT AT 3:12 PITCH. COLOR SELECTED BY ARCHITECT. PROVIDE ICE AND WATER SHIELD BY W.R. GRACE, MIN. 3'-0" AT ALL EAVES, VALLEYS AND RIDGES ALL RIDGES SHALL HAVE SHINGLE OVER RIDGE VENT, CORA-A-VENT X5 SERIES, (11") OR EQUAL.

2. ALL SHINGLE SIDING SHALL BE PRESTAINED (2 COATS) RED CEDAR, #1 BLUE LABEL PERFECTIONS, R&R, 5" EXPOSURE AS SELECTED BY ARCHITECT, OVER TYVEK MEMBRANE ON 1/2" CDX PLYWOOD SHEATHING. CONTRACTOR SHALL PROVIDE ALTERNATE BID FOR 10" WIDE BARN BOARD VERTICAL SIDING IN LIEU OF SHINGLE (TYPICAL)

3. UNLESS NOTED OTHERWISE ALL EXTERIOR TRIM, MOLDINGS AND APPURTENANCES SHALL BE PAINTED BORAL TRUEXTERIOR TRIM.

4. ALL TRIM SHALL BE 5/4" THICK IN APPROPRIATE WIDTHS AS SHOWN ON EXTERIOR ELEVATIONS.

5. ALL BRACKETS TO BE CONSTRUCTED OF BUILT UP #1 CLEAR CEDAR, FINISHED WITH SIKKENS CETOL TGL SATIN FINISH. ARCHITECT TO PROVIDE FULL SCALE TEMPLATES

6. ALL FLASHING TO POWDER COATED ALUMINUM, COLOR TO BE SELECTED BY ARCHITECT.

7. ALL SOFFITS SHALL RECEIVE 1x3 T&G V-GROOVE MERANTI MAHOGANY BOARDS WITH CONTINUOUS COR-A-VENT SOFFIT VENTS. RUN ALL SOFFITS IN SHORT DIRECTION, FINISHED WITH SIKKENS CETOL TGL SATIN FINISH.

8. ALL WINDOWS SHALL HAVE TAPERED 5/4x2" SILL CAP W/DRIP (1" SILL HORN EXTENSION) NO APRON. ALL WINDOW CASING PERIMETER TRIM SHALL BE 5/4"x4 1/2" W/ 5/4x2" TAPERED DRIP CAP UNLESS NOTED OTHERWISE. CONTRACTOR SHALL RIP TO FIT AS REQUIRED AT ALL MUNTINS.

9. ALL ROLLING BARN DOOR HARDWARE SHALL BE CLASSIC FLAT STAINLESS STEEL TO ACCOMMODATE A MINIMUM DOOR THICKNESS OF 2 1/4", MINIMUM WEIGHT OF 200# PER DOOR PANEL, AS MANUFACTURED BY REAL CARRIAGE HOUSE DOORS OR ARCHITECT APPROVED EQUAL.

WOOD TRUSS NOTES

1. GROUND SNOW LOAD 30 PSF, BASIC WIND SPEED 115 (3 SECOND GUSTS), 15 PSF DEAD LOAD TOP & BOTTOM CHORD, 30 PSF TOP CHORD

2. COORDINATE TRUSS GEOMETRY AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

3. DESIGN LOADS FOR ROOF TRUSSES: LOADS GIVEN ARE ON HORIZONTAL PROJECTION.
DEAD LOADS: TRUSS DEAD LOAD + PLYWOOD SHEATHING (3 PSF) + FIBERGLASS SHINGLES (3 PSF) + BOTTOM CHORD DEAD LOAD (CEILING 5 PSF)

4. ANCHOR ALL TRUSSES AT BEARING POINTS TO RESIST TOTAL UNIFORM UPLIFT OF 15 PSF

5. DESIGN TRUSS WEB MEMBERS SO THEY DO NOT REQUIRE BRACING ALONG THEIR LENGTH, USE STRONG BACKS IF REQUIRED.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF TEMPORARY BRACING. SUBMIT SHOP DRAWINGS TO DESIGN PROFESSIONAL FOR REVIEW PRIOR TO FABRICATION.

7. SUBMIT TRUSS SHOP DRAWINGS SEALED AND SIGNED BY A CT STATE LICENSED PROFESSIONAL ENGINEER.

9. WIND LOADS ARE FOR AN ENCLOSED BUILDING. GYPSUM BOARD CEILING MAY BE SCREWED DIRECTLY TO BOTTOM CHORD, BUT CANNOT BE USED IN DETERMINING PERMANENT BRACING.

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

PROPOSED NORTH EXTERIOR ELEVATION

HPB-BIDSET-A2-0-102414.DWG

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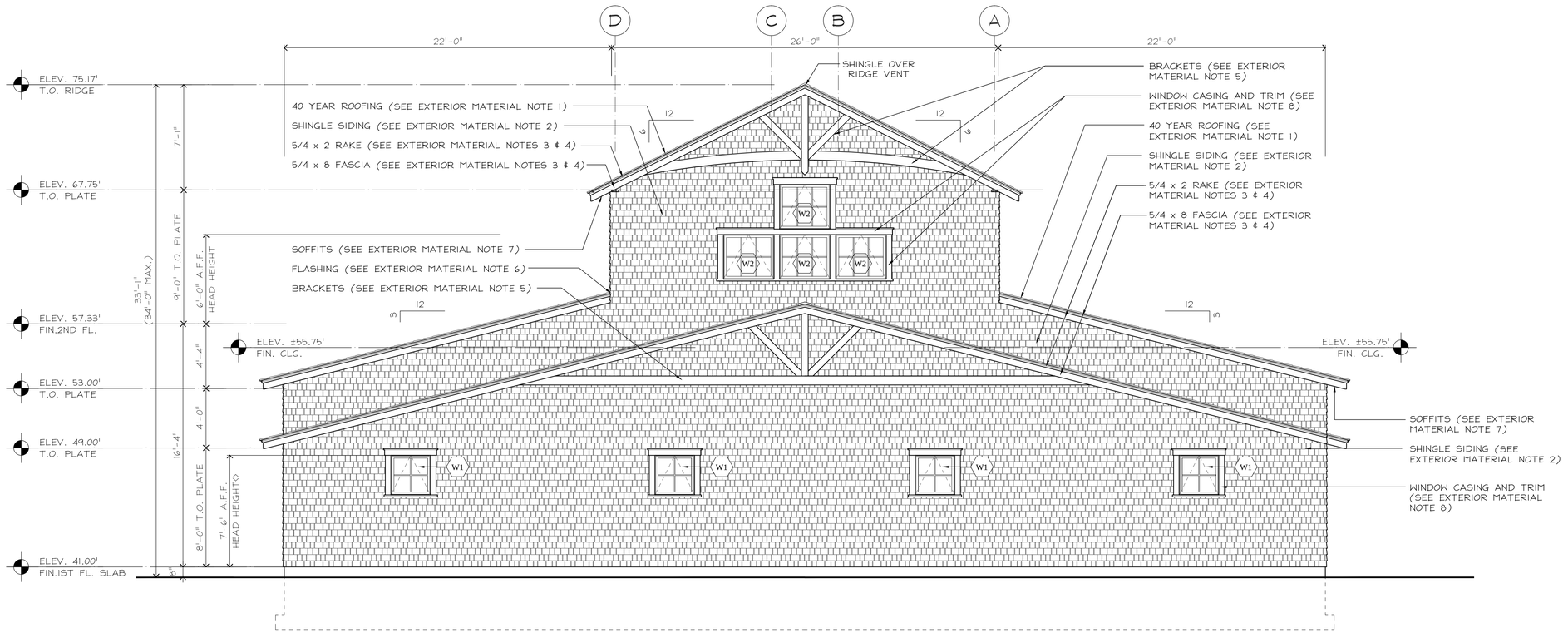
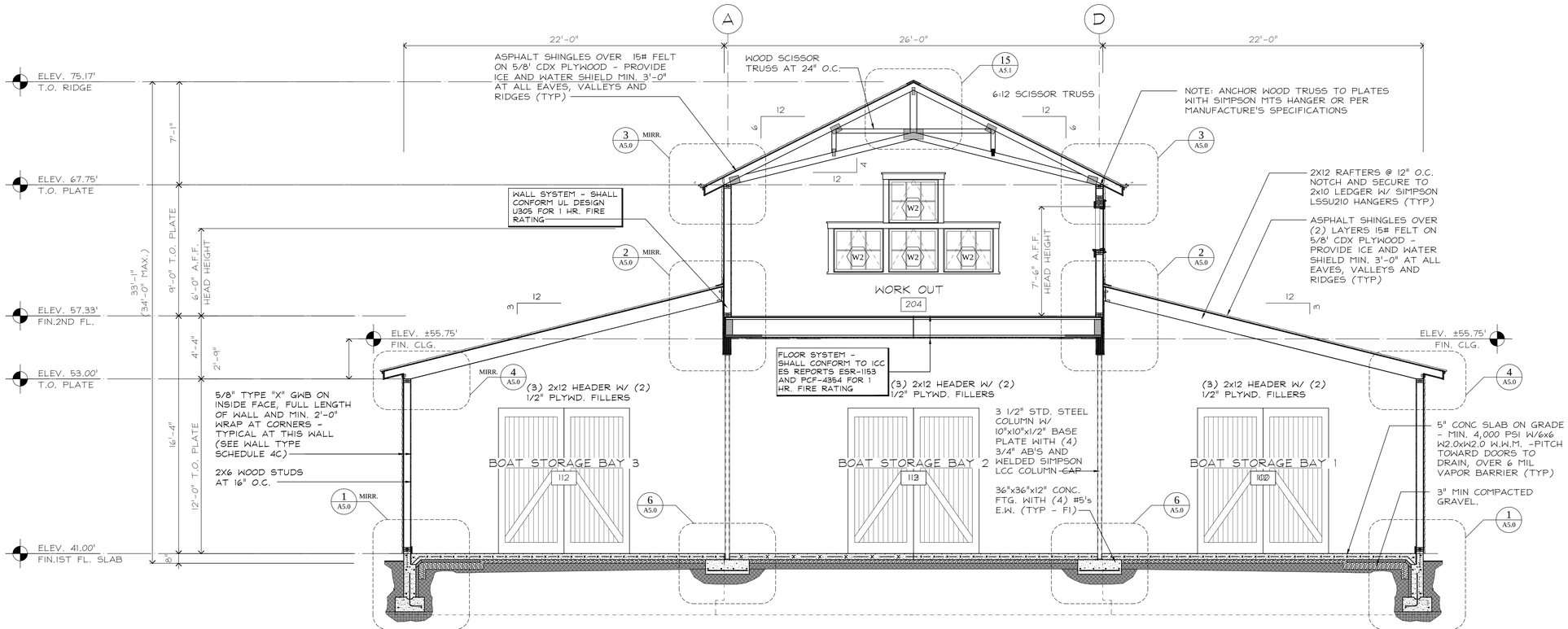


TOWNS WOODS ROAD (SOUTH) ELEVATION

SCALE: 1/4" = 1'-0"

I
A3.1



TYPICAL CROSS SECTION "AA"

SCALE: 1/4" = 1'-0"

AA
A3.0

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

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3. CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

EXTERIOR ELEVATION MATERIALS NOTES

1. ALL ROOFING SHALL BE 40 YEAR ARCHITECTURAL ASPHALT SHINGLES, OVER 15# FELT AT 6:12 PITCH, (2) LAYERS 15# FELT AT 3:12 PITCH. COLOR SELECTED BY ARCHITECT. PROVIDE ICE AND WATER SHIELD BY W.R. GRACE, MIN. 3'-0" AT ALL EAVES, VALLEYS AND RIDGES ALL RIDGES SHALL HAVE SHINGLE OVER RIDGE VENT, CORA-A-VENT X5 SERIES, (11") OR EQUAL.

2. ALL SHINGLE SIDING SHALL BE PRESTAINED (2 COATS) RED CEDAR, #1 BLUE LABEL PERFECTIONS, R&R, 5" EXPOSURE AS SELECTED BY ARCHITECT, OVER TYVEK MEMBRANE ON 1/2" CDX PLYWOOD SHEATHING. CONTRACTOR SHALL PROVIDE ALTERNATE BID FOR 10" WIDE BARN BOARD VERTICAL SIDING IN LIEU OF SHINGLE (TYPICAL)

3. UNLESS NOTED OTHERWISE ALL EXTERIOR TRIM, MOLDINGS AND APPURTENANCES SHALL BE PAINTED BORAL TRUEXTERIOR TRIM.

4. ALL TRIM SHALL BE 5/4" THICK IN APPROPRIATE WIDTHS AS SHOWN ON EXTERIOR ELEVATIONS.

5. ALL BRACKETS TO BE CONSTRUCTED OF BUILT UP #1 CLEAR CEDAR, FINISHED WITH SIKKENS CETOL TGL SATIN FINISH. ARCHITECT TO PROVIDE FULL SCALE TEMPLATES

6. ALL FLASHING TO POWDER COATED ALUMINUM, COLOR TO BE SELECTED BY ARCHITECT.

7. ALL SOFFITS SHALL RECEIVE 1x3 T&G V-GROOVE MERANTI MAHOGANY BOARDS WITH CONTINUOUS COR-A-VENT SOFFIT VENTS. RUN ALL SOFFITS IN SHORT DIRECTION, FINISHED WITH SIKKENS CETOL TGL SATIN FINISH.

8. ALL WINDOWS SHALL HAVE TAPERED 5/4x2" SILL CAP W/DRIP (1" SILL HORN EXTENSION) NO APRON. ALL WINDOW CASING PERIMETER TRIM SHALL BE 5/4"x4 1/2" W/ 5/4x2" TAPERED DRIP CAP UNLESS NOTED OTHERWISE. CONTRACTOR SHALL RIP TO FIT AS REQUIRED AT ALL MUNTINS.

9. ALL ROLLING BARN DOOR HARDWARE SHALL BE CLASSIC FLAT STAINLESS STEEL TO ACCOMMODATE A MINIMUM DOOR THICKNESS OF 2 1/4", MINIMUM WEIGHT OF 200# PER DOOR PANEL, AS MANUFACTURED BY REAL CARRIAGE HOUSE DOORS OR ARCHITECT APPROVED EQUAL.

WOOD TRUSS NOTES

1. GROUND SNOW LOAD 30 PSF, BASIC WIND SPEED 115 (3 SECOND GUSTS), 15 PSF DEAD LOAD TOP & BOTTOM CHORD, 30 PSF TOP CHORD

2. COORDINATE TRUSS GEOMETRY AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

3. DESIGN LOADS FOR ROOF TRUSSES: LOADS GIVEN ARE ON HORIZONTAL PROJECTION.
DEAD LOADS: TRUSS DEAD LOAD + PLYWOOD SHEATHING (3 PSF) + FIBERGLASS SHINGLES (3 PSF) + BOTTOM CHORD DEAD LOAD (CEILING 5 PSF)

4. ANCHOR ALL TRUSSES AT BEARING POINTS TO RESIST TOTAL UNIFORM UPLIFT OF 15 PSF

5. DESIGN TRUSS WEB MEMBERS SO THEY DO NOT REQUIRE BRACING ALONG THEIR LENGTH, USE STRONG BACKS IF REQUIRED.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF TEMPORARY BRACING. SUBMIT SHOP DRAWINGS TO DESIGN PROFESSIONAL FOR REVIEW PRIOR TO FABRICATION.

7. SUBMIT TRUSS SHOP DRAWINGS SEALED AND SIGNED BY A CT STATE LICENSED PROFESSIONAL ENGINEER.

9. WIND LOADS ARE FOR AN ENCLOSED BUILDING. GYPSUM BOARD CEILING MAY BE SCREWED DIRECTLY TO BOTTOM CHORD, BUT CANNOT BE USED IN DETERMINING PERMANENT BRACING.

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

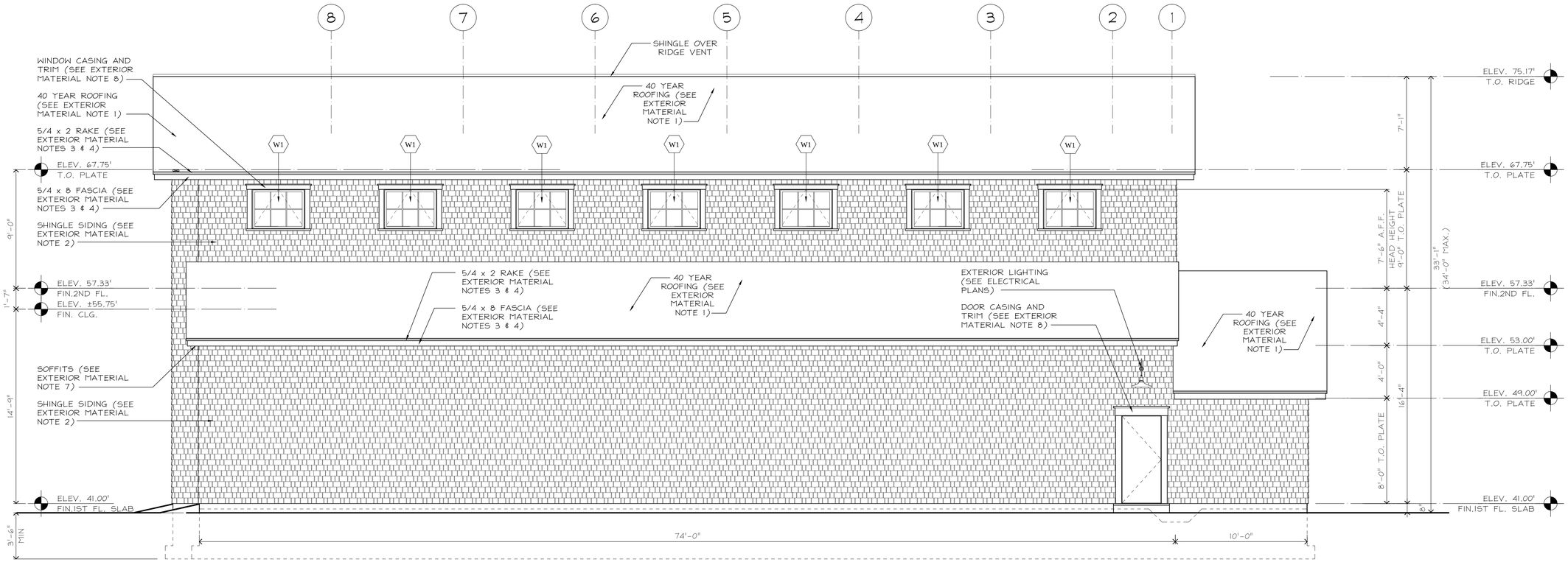
PROPOSED SOUTH ELEV.
& CROSS SECTION "AA"

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

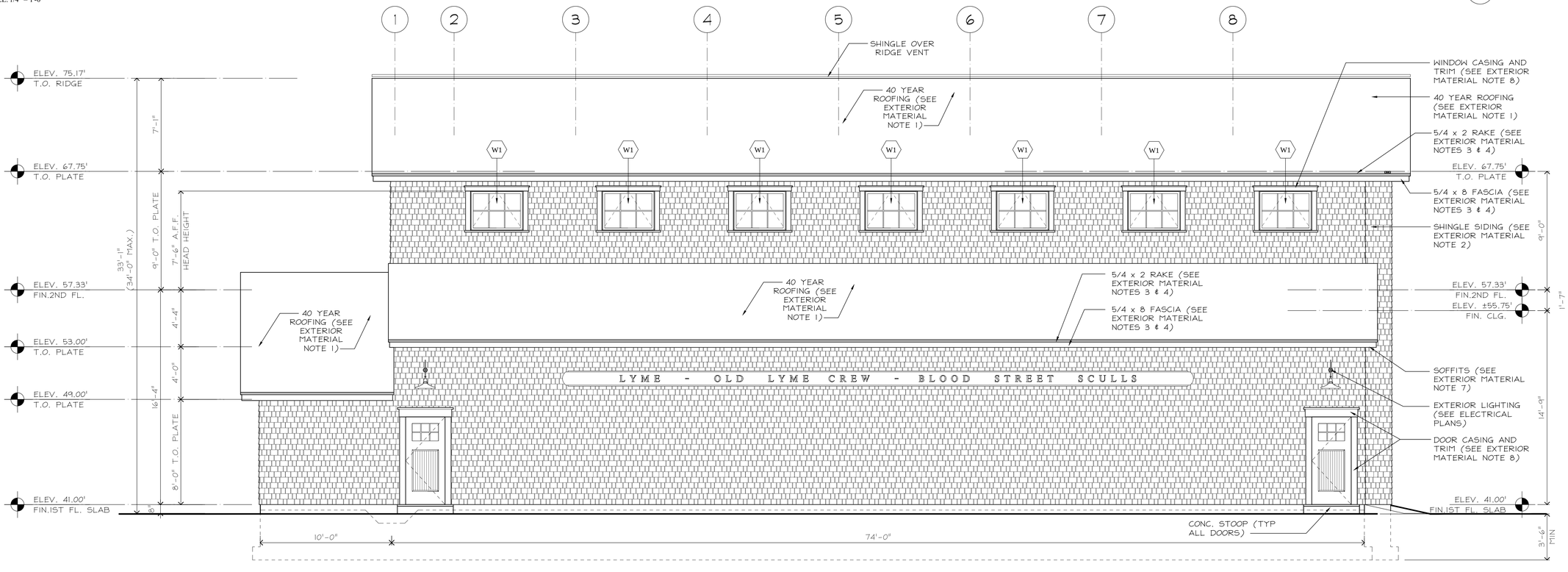
SCALE: AS NOTED	BID SET DATE: OCTOBER 27, 2014
DRAWING RELEASE DATE: 10.27.14	CONTRACT SET DATE: (REVISION SET DATES ABOVE)

A3.1



PROPOSED WEST ELEVATION

SCALE: 1/4" = 1'-0"



BOSTON POST ROAD (EAST) ELEVATION

SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

2. ANY CONFLICT BETWEEN DRAWINGS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.

3. CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

EXTERIOR ELEVATION MATERIALS NOTES

1. ALL ROOFING SHALL BE 40 YEAR ARCHITECTURAL ASPHALT SHINGLES, OVER 15# FELT AT 6:12 PITCH, (2) LAYERS 15# FELT AT 3:12 PITCH. COLOR SELECTED BY ARCHITECT. PROVIDE ICE AND WATER SHIELD BY W.R. GRACE, MIN. 3'-0" AT ALL EAVES, VALLEYS AND RIDGES ALL RIDGES SHALL HAVE SHINGLE OVER RIDGE VENT, CORA-A-VENT X5 SERIES, (11") OR EQUAL.

2. ALL SHINGLE SIDING SHALL BE PRESTAINED (2 COATS) RED CEDAR, #1 BLUE LABEL PERFECTIONS, R&R, 5" EXPOSURE AS SELECTED BY ARCHITECT, OVER TYVEK MEMBRANE ON 1/2" CDX PLYWOOD SHEATHING. CONTRACTOR SHALL PROVIDE ALTERNATE BID FOR 10" WIDE BARN BOARD VERTICAL SIDING IN LIEU OF SHINGLE (TYPICAL)

3. UNLESS NOTED OTHERWISE ALL EXTERIOR TRIM, MOLDINGS AND APPURTENANCES SHALL BE PAINTED BORAL TRUEXTERIOR TRIM.

4. ALL TRIM SHALL BE 5/4" THICK IN APPROPRIATE WIDTHS AS SHOWN ON EXTERIOR ELEVATIONS.

5. ALL BRACKETS TO BE CONSTRUCTED OF BUILT UP #1 CLEAR CEDAR, FINISHED WITH SIKKENS CETOL TGL SATIN FINISH. ARCHITECT TO PROVIDE FULL SCALE TEMPLATES

6. ALL FLASHING TO POWDER COATED ALUMINUM, COLOR TO BE SELECTED BY ARCHITECT.

7. ALL SOFFITS SHALL RECEIVE 1x3 T&G V-GROOVE MERANTI MAHOGANY BOARDS WITH CONTINUOUS COR-A-VENT SOFFIT VENTS. RUN ALL SOFFITS IN SHORT DIRECTION, FINISHED WITH SIKKENS CETOL TGL SATIN FINISH.

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2. COORDINATE TRUSS GEOMETRY AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

3. DESIGN LOADS FOR ROOF TRUSSES: LOADS GIVEN ARE ON HORIZONTAL PROJECTION.
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4. ANCHOR ALL TRUSSES AT BEARING POINTS TO RESIST TOTAL UNIFORM UPLIFT OF 15 PSF

5. DESIGN TRUSS WEB MEMBERS SO THEY DO NOT REQUIRE BRACING ALONG THEIR LENGTH, USE STRONG BACKS IF REQUIRED.

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TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

PROPOSED EAST & WEST ELEVATIONS

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

SCALE:	BID SET DATE:
AS NOTED	OCTOBER 27, 2014
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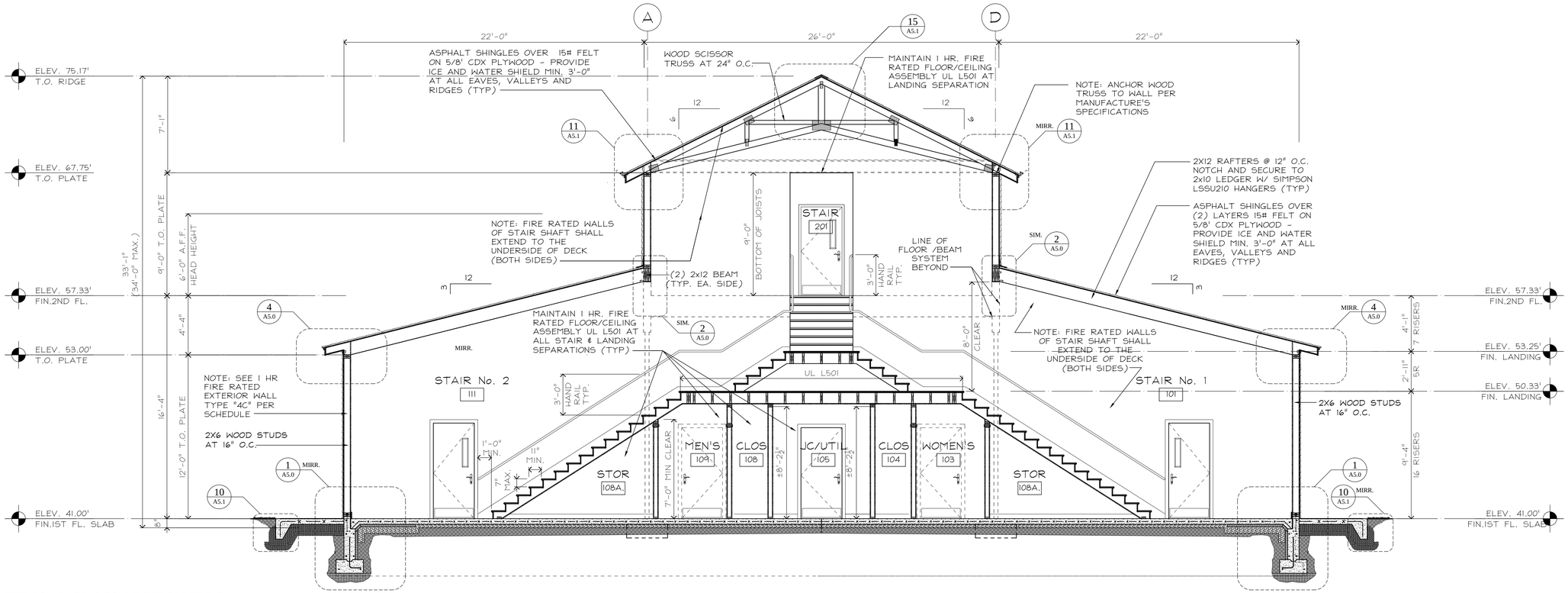
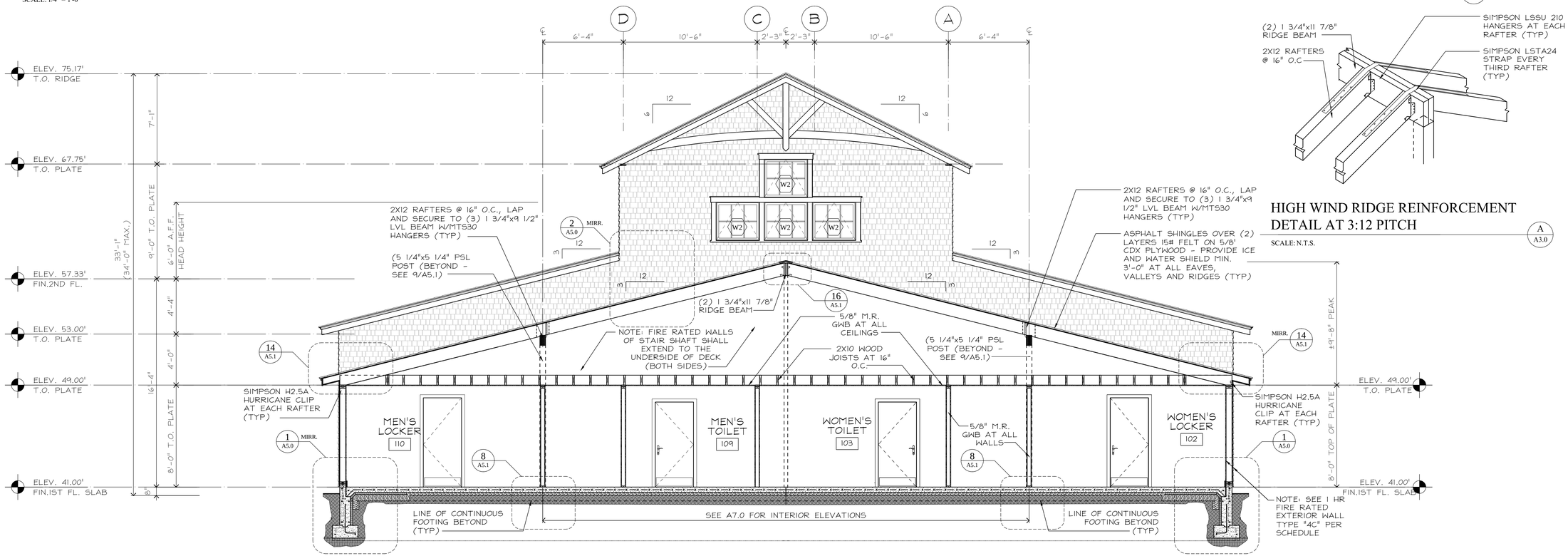
A3.2



TYPICAL CROSS SECTION "BB"

SCALE: 1/4" = 1'-0"

BB A4.0



TYPICAL CROSS SECTION "CC"

SCALE: 1/4" = 1'-0"

CC A4.0

HIGH WIND RIDGE REINFORCEMENT DETAIL AT 3:12 PITCH

SCALE: N.T.S.

A A3.0

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TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

PROPOSED BUILDING CROSS SECTIONS "BB" & "CC"

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

SCALE:	BID SET DATE:
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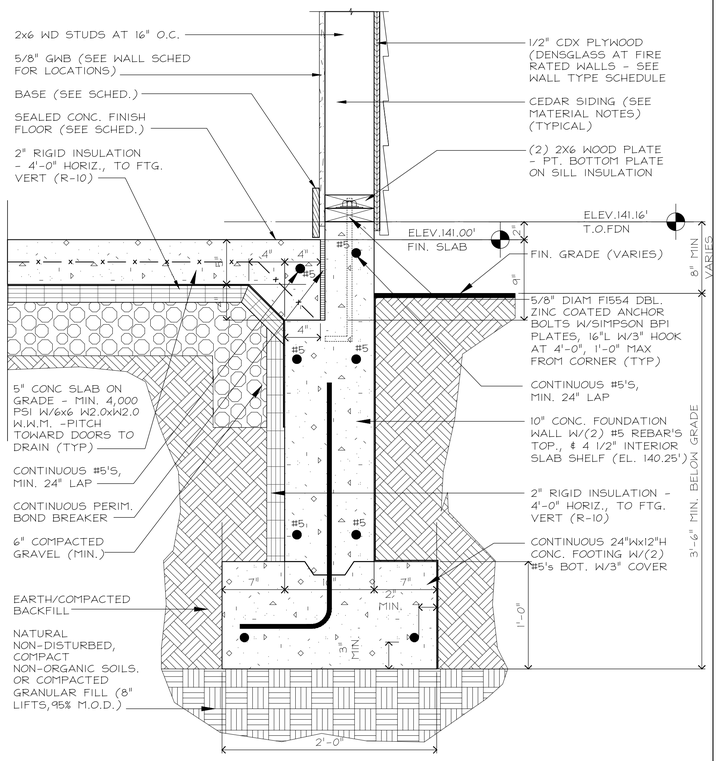
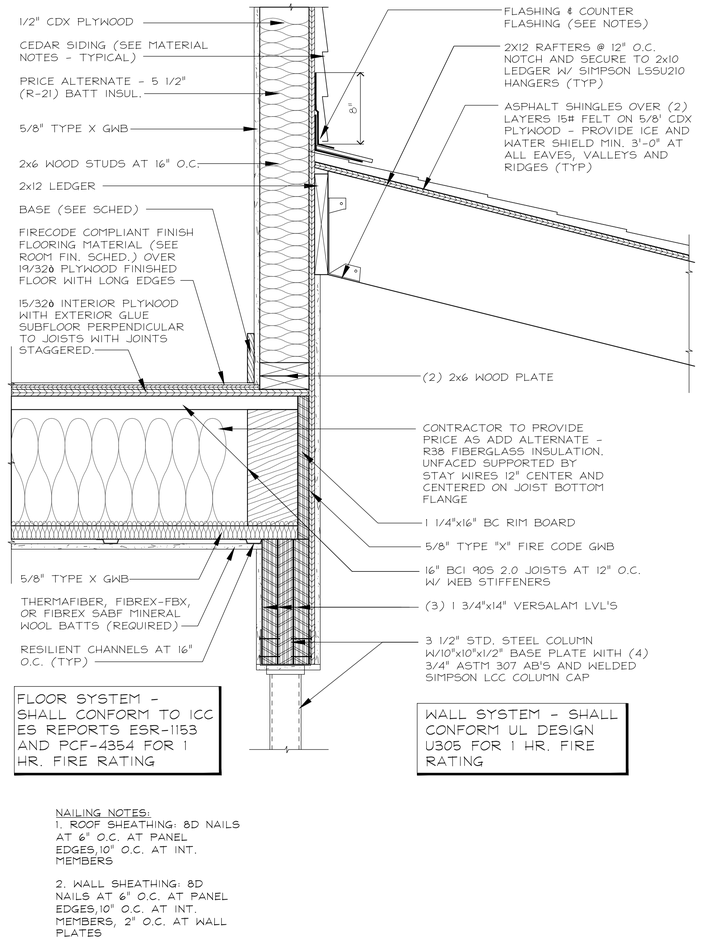
A4.0



TYPICAL FOUNDTION WALL DETAIL

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

1 / A5.0



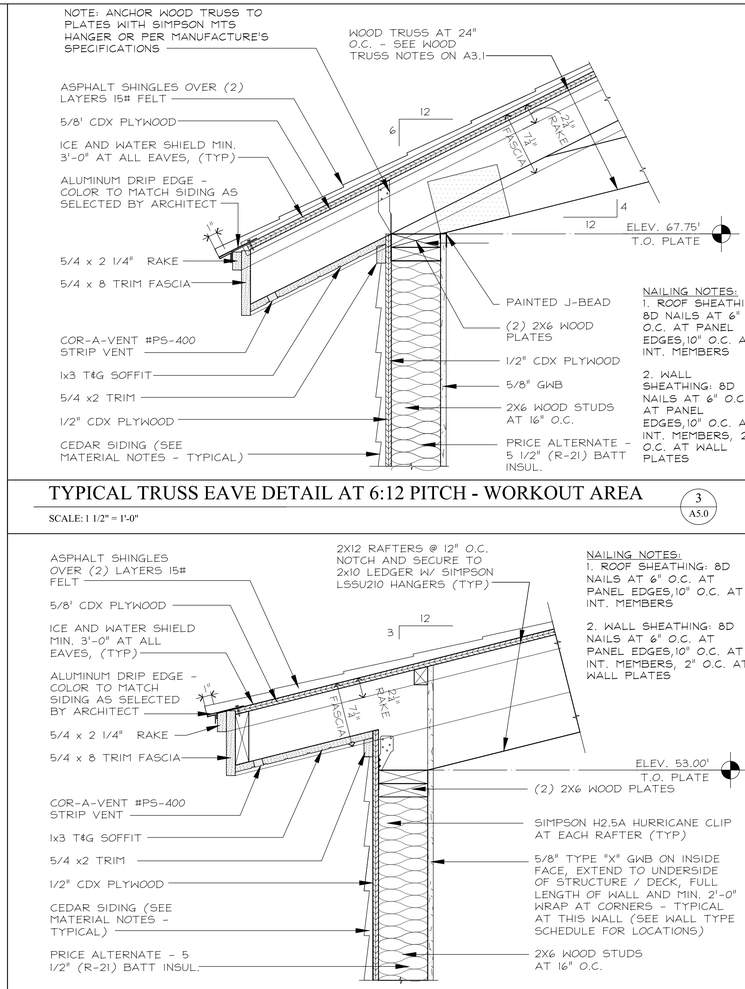
NAILING NOTES:
1. ROOF SHEATHING: 8D NAILS AT 6" O.C. AT PANEL EDGES,10" O.C. AT INT. MEMBERS

2. WALL SHEATHING: 8D NAILS AT 6" O.C. AT PANEL EDGES,10" O.C. AT INT. MEMBERS, 2" O.C. AT WALL PLATES

TYPICAL DETAIL AT FIRE RATED FLOOR / HEAD WALL

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

2 / A5.0



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TYPICAL TRUSS EAVE DETAIL AT 6:12 PITCH - WORKOUT AREA

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

3 / A5.0

NAILING NOTES:
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2. WALL SHEATHING: 8D NAILS AT 6" O.C. AT PANEL EDGES,10" O.C. AT INT. MEMBERS, 2" O.C. AT WALL PLATES

TYPICAL EAVE DETAIL AT 3:12 PITCH - FIRE RATED WALL

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

4 / A5.0

TYPICAL INTERIOR FOOTING AT "F2", COLUMN "C1"

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

5 / A5.0

TYPICAL INTERIOR FOOTING AT "F1", COLUMN "C1"

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

6 / A5.0

CONTINUOUS FOOTING AT BEARING WALL / THICKENED SLAB

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

7 / A5.0

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TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

TYPICAL DETAILS

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

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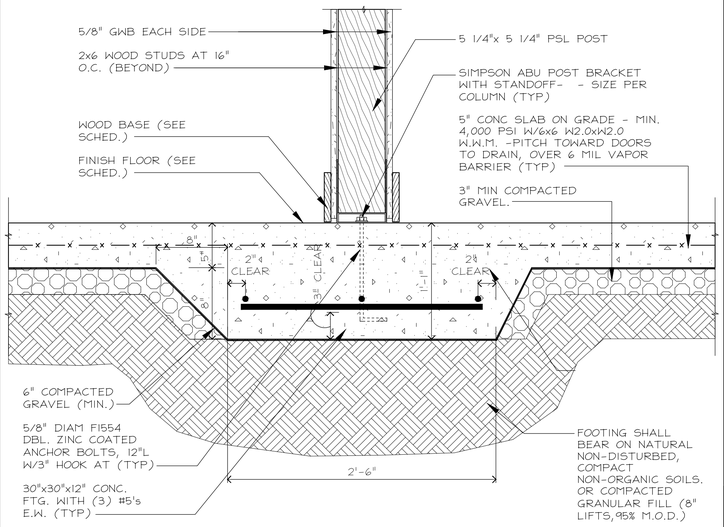
A5.0



CONTINUOUS FOOTING AT PSL POST / THICKENED SLAB

8 A5.1

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

TYPICAL CONCRETE APRON DETAILS

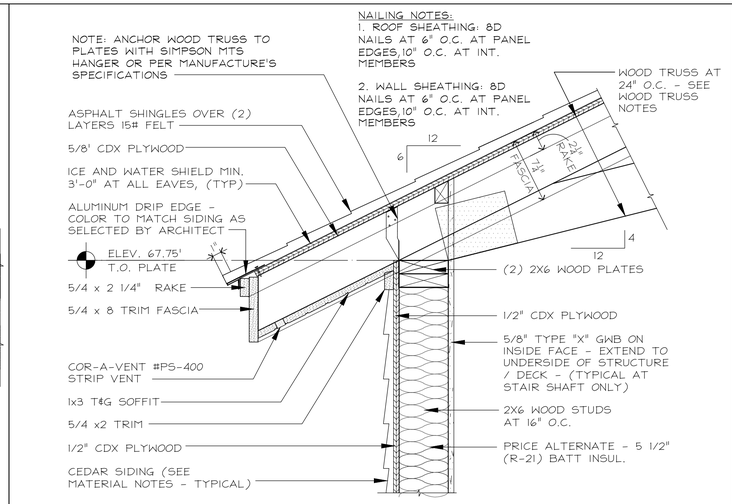
9 A5.1

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

TYPICAL EDGE OF EXTERIOR STOOPS / WALKWAYS

10 A5.1

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



TYPICAL TRUSS EAVE DETAIL AT 6:12 PITCH - FIRE RATED STAIR

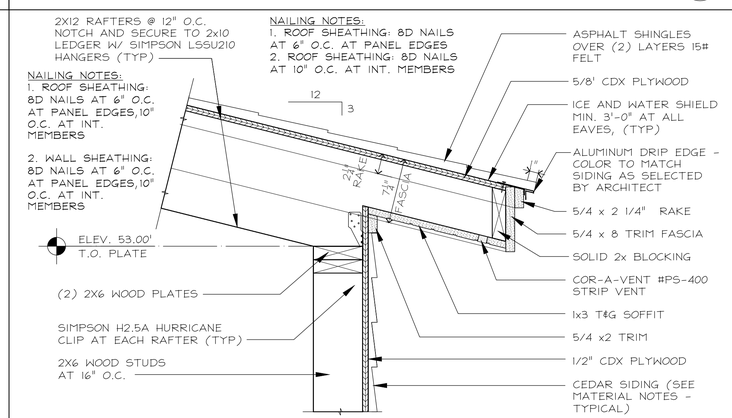
11 A5.1

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

TYPICAL TRUSS EAVE DETAIL AT 6:12 PITCH - OFFICE/STORAGE

12 A5.1

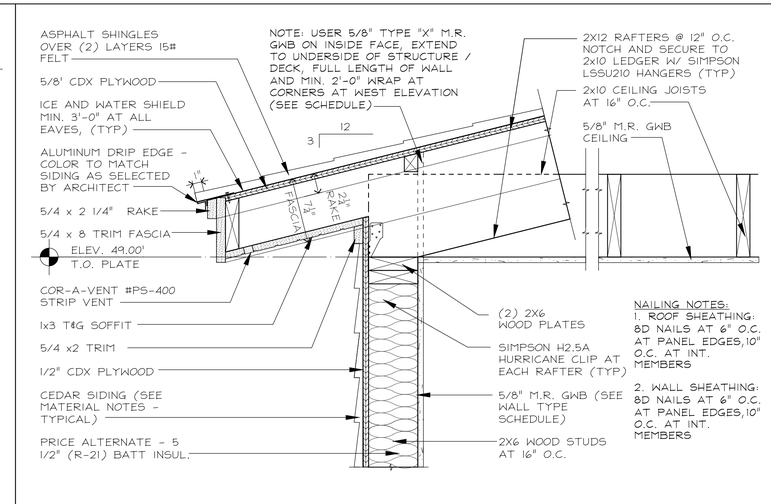
SCALE: 1 1/2" = 1'-0"



TYPICAL EAVE DETAIL AT 3:12 PITCH - AT BOAT STORAGE

13 A5.1

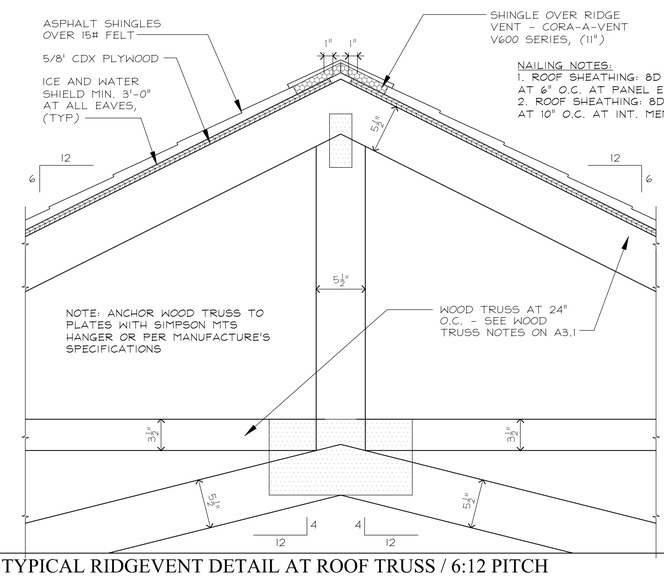
SCALE: 1 1/2" = 1'-0"



TYPICAL EAVE DETAIL AT 3:12 PITCH - TOILET/LOCKERS

14 A5.1

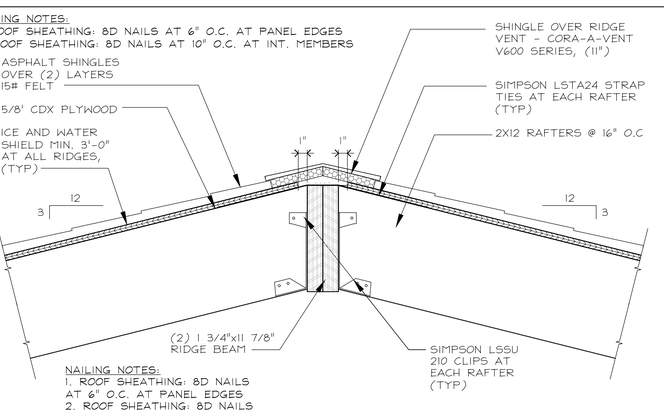
SCALE: 1 1/2" = 1'-0"



TYPICAL RIDGEVENT DETAIL AT ROOF TRUSS / 6:12 PITCH

15 A5.1

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



TYPICAL RIDGEVENT DETAIL AT 3:12 PITCH

16 A5.1

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

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EXTERIOR ELEVATION MATERIALS NOTES

1. ALL ROOFING SHALL BE 40 YEAR ARCHITECTURAL ASPHALT SHINGLES, OVER 15# FELT AT 6:12 PITCH, (2) LAYERS 15# FELT AT 3:12 PITCH. COLOR SELECTED BY ARCHITECT. PROVIDE ICE AND WATER SHIELD BY W.R. GRACE, MIN. 3'-0" AT ALL EAVES, VALLEYS AND RIDGES ALL RIDGES SHALL HAVE SHINGLE OVER RIDGE VENT, CORA-A-VENT X5 SERIES, (11") OR EQUAL.

2. ALL SHINGLE SIDING SHALL BE PRESTAINED (2 COATS) RED CEDAR, #1 BLUE LABEL PERFECTIONS, R&R, 5" EXPOSURE AS SELECTED BY ARCHITECT, OVER TYVEK MEMBRANE ON 1/2" CDX PLYWOOD SHEATHING. CONTRACTOR SHALL PROVIDE ALTERNATE BID FOR 10" WIDE BARN BOARD VERTICAL SIDING IN LIEU OF SHINGLE (TYPICAL)

3. UNLESS NOTED OTHERWISE ALL EXTERIOR TRIM, MOLDINGS AND APPURTENANCES SHALL BE PAINTED BORAL TRUEEXTERIOR TRIM.

4. ALL TRIM SHALL BE 5/4" THICK IN APPROPRIATE WIDTHS AS SHOWN ON EXTERIOR ELEVATIONS.

5. ALL BRACKETS TO BE CONSTRUCTED OF BUILT UP #1 CLEAR CEDAR, FINISHED WITH SIKKENS CETOL TGL SATIN FINISH. ARCHITECT TO PROVIDE FULL SCALE TEMPLATES

6. ALL FLASHING TO POWDER COATED ALUMINUM, COLOR TO BE SELECTED BY ARCHITECT.

7. ALL SOFFITS SHALL RECEIVE 1x3 T&G V-GROOVE MERANTI MAHOGANY BOARDS WITH CONTINUOUS COR-A-VENT SOFFIT VENTS. RUN ALL SOFFITS IN SHORT DIRECTION, FINISHED WITH SIKKENS CETOL TGL SATIN FINISH.

8. ALL WINDOWS SHALL HAVE TAPERED 5/4x2" SILL CAP W/DRIP (1" SILL HORN EXTENSION) NO APRON. ALL WINDOW CASING PERIMETER TRIM SHALL BE 5/4"x4 1/2" W/ 5/4x2" TAPERED DRIP CAP UNLESS NOTED OTHERWISE. CONTRACTOR SHALL RIP TO FIT AS REQUIRED AT ALL MUNTINS.

9. ALL ROLLING BARN DOOR HARDWARE SHALL BE CLASSIC FLAT STAINLESS STEEL TO ACCOMMODATE A MINIMUM DOOR THICKNESS OF 2 1/4", MINIMUM WEIGHT OF 200# PER DOOR PANEL, AS MANUFACTURED BY REAL CARRIAGE HOUSE DOORS OR ARCHITECT APPROVED EQUAL.

WOOD TRUSS NOTES

1. GROUND SNOW LOAD 30 PSF, BASIC WIND SPEED 115 (3 SECOND GUSTS), 15 PSF DEAD LOAD TOP & BOTTOM CHORD, 30 PSF TOP CHORD

2. COORDINATE TRUSS GEOMETRY AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

3. DESIGN LOADS FOR ROOF TRUSSES: LOADS GIVEN ARE ON HORIZONTAL PROJECTION.
DEAD LOADS: TRUSS DEAD LOAD + PLYWOOD SHEATHING (3 PSF) + FIBERGLASS SHINGLES (3 PSF) + BOTTOM CHORD DEAD LOAD (CEILING 5 PSF)

4. ANCHOR ALL TRUSSES AT BEARING POINTS TO RESIST TOTAL UNIFORM UPLIFT OF 15 PSF

5. DESIGN TRUSS WEB MEMBERS SO THEY DO NOT REQUIRE BRACING ALONG THEIR LENGTH, USE STRONG BACKS IF REQUIRED.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF TEMPORARY BRACING. SUBMIT SHOP DRAWINGS TO DESIGN PROFESSIONAL FOR REVIEW PRIOR TO FABRICATION.

7. SUBMIT TRUSS SHOP DRAWINGS SEALED AND SIGNED BY A CT STATE LICENSED PROFESSIONAL ENGINEER.

9. WIND LOADS ARE FOR AN ENCLOSED BUILDING. GYPSUM BOARD CEILING MAY BE SCREWED DIRECTLY TO BOTTOM CHORD, BUT CANNOT BE USED IN DETERMINING PERMANENT BRACING.

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

TYPICAL DETAILS

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

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A5.1

DOOR HARDWARE SCHEDULE

HARDWARE SET "A"
LEVEL PASSAGE SET
1 1/2 PAIR BUTT HINGES
SILENCERS
LCN CLOSER
KICK PANEL
DOOR STOP / WALL BUMPER

HARDWARE "B"
LEVER STAIR PASSAGE SET
1 1/2 PAIR BUTT HINGES
LCN CLOSER
KICK PANEL
SILENCERS
DOOR STOP / WALL BUMPER
SIDE PEEK PANEL

HARDWARE SET "C"
OFFICE LOCKSET
1 1/2 PAIR BUTT HINGES
SILENCERS
DOOR STOP / WALL BUMPER

HARDWARE SET "D"
STORAGE LOCKSET
1 1/2 PAIR BUTT HINGES
SILENCERS
DOOR STOP / WALL BUMPER
KICK PANEL

HARDWARE SET "D1"
STORAGE LOCKSET
1 1/2 PAIR BUTT HINGES
LCN CLOSER
SILENCERS
DOOR STOP / WALL BUMPER

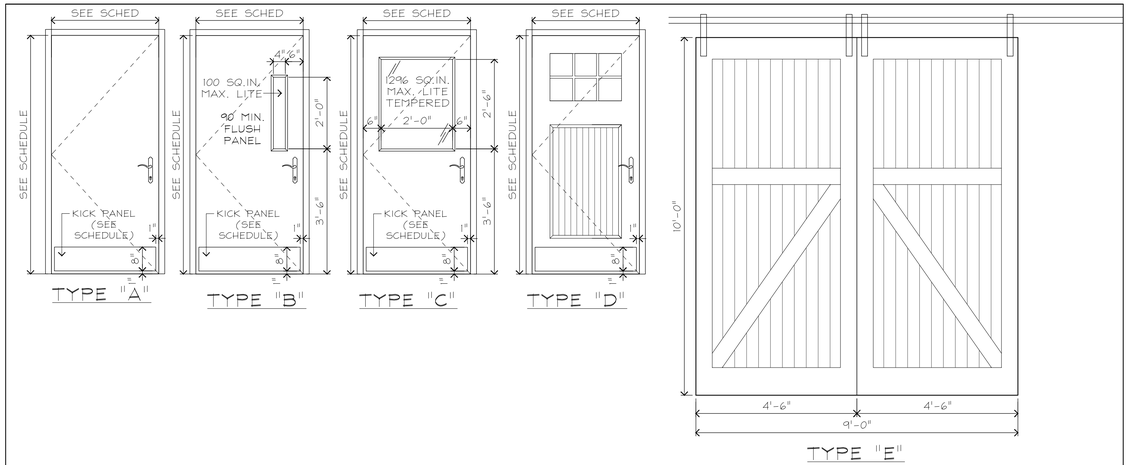
HARDWARE SET "E"
PUSH/PULL PANELS
LCN CLOSER
1 1/2 PAIR BUTT HINGES
SILENCERS
DOOR STOP / WALL BUMPER
KICK PANEL

HARDWARE SET "F"
STAINLESS STEEL ROLLING CLASSIC FLAT STAINLESS STEEL BY REAL CARRIAGE HOUSE DOORS TO ACCOMMODATE A MINIMUM DOOR THICKNESS OF 2 1/4", MINIMUM

(2) STAINLESS STEEL CANE BOLTS - DRILL HOLE IN SLAB (INTERIOR)

HARDWARE "G"
ENTRY LOCK SET
1 1/2 PAIR BUTT HINGES
LCN CLOSER
KICK PANEL
SILENCERS

DOOR TYPE ELEVATIONS



ROOM FINISH SCHEDULE

ROOM No.	ROOM NAME	WALLS	FLOOR	BASE	CEILING	REMARKS
100	BOAT STORAGE BAY 1	UNFINISHED EXPOSED FRAMING	CONC. SLAB STEEL TROWEL FINISHED	N/A	UNFINISHED EXPOSED FRAMING	PAINTED GWB WALL W/ PAINTED 1X6 WOOD BASE AT STAIR AND OFFICE WALLS
101	STAIR 1	PAINTED FIRE CODE GWB		PAINTED 1x6 WOOD (CLASS C)	PAINTED 1HR FIRECODE GWB	
102	WOMEN'S LOCKER	PAINTED M.R. GWB		PAINTED 1x6 WOOD (CLASS C)	PAINTED M.R. GWB	PINE BOXED STAIR TREADS, RISERS AND SKIRTS W/ OAK HAND RAILS. 2 COATS POLY, ONE COAT STAIR. FIRE WALLS TO EXTEND TO UNDERSIDE OF DECK
103	WOMEN'S TOILET	PAINTED M.R. GWB & CER. TILE		CER. TILE BULLNOSE COVE	PAINTED M.R. GWB	4' HIGH CERAMIC TILE WAINSCOT W/ BULL NOSE COVE BASE AT WET WALLS ALL SIDE WALLS OF WATER CLOSETS. INTEGRATED SWANSTONE SINK COUNTERS
104	CLOSET	PAINTED GWB		PAINTED 1x6 WOOD (CLASS C)	PAINTED 1HR FIRECODE GWB	
104A	STORAGE	PAINTED GWB		PAINTED 1x6 WOOD (CLASS C)		
105	JC/UTILITY	PAINTED M.R. GWB		PAINTED 1x6 WOOD (CLASS C)		
106	OFFICE	PAINTED GWB		PAINTED 1x6 WOOD (CLASS C)		
107	STORAGE	PAINTED GWB		PAINTED 1x6 WOOD (CLASS C)		
108	CLOSET	PAINTED GWB		PAINTED 1x6 WOOD (CLASS C)		
108A	STORAGE	PAINTED GWB		PAINTED 1x6 WOOD (CLASS C)		
109	MEN'S TOILET	PAINTED M.R. GWB & CER. TILE		CER. TILE BULLNOSE COVE	PAINTED M.R. GWB	
110	MEN'S LOCKER	PAINTED M.R. GWB		PAINTED 1x6 WOOD (CLASS C)	PAINTED M.R. GWB	FIRE CODE GWB AT WEST ELEVATION
111	STAIR No. 2	PAINTED GWB/ CER. / STONE TILE		PAINTED 1x6 WOOD (CLASS C)	PAINTED 1HR FIRECODE GWB	PINE BOXED STAIR TREADS, RISERS AND SKIRTS W/ OAK HAND RAILS. 2 COATS POLY, ONE COAT STAIR. FIRE WALLS TO EXTEND TO UNDERSIDE OF DECK
112	BOAT STORAGE BAY3	PAINTED FIRE CODE GWB		PAINTED 1x6 WOOD (CLASS C)	UNFINISHED EXPOSED FRAMING	
113	BOAT STORAGE BAY 2	PAINTED FIRE CODE GWB		N/A	PAINTED 1HR FIRECODE GWB	
200	STORAGE	PAINTED GWB	CARPET OVER PAD	PAINTED WOOD (CLASS C)	UNFINISHED EXPOSED FRAMING	WALLS TO EXTEND TO UNDERSIDE OF DECK
201	STAIR	PAINTED FIRE CODE GWB	RUBBER TREADS , RISERS & LANDINGS	PAINTED WOOD (CLASS C)	PAINTED 1HR FIRECODE GWB	PINE BOXED STAIR TREADS, RISERS AND SKIRTS W/ OAK HAND RAILS. 2 COATS POLY, ONE COAT STAIR. FIRE WALLS TO EXTEND TO UNDERSIDE OF DECK
202	STORAGE	PAINTED GWB	CARPET OVER PAD	PAINTED WOOD (CLASS C)	UNFINISHED EXPOSED FRAMING	WALLS TO EXTEND TO UNDERSIDE OF DECK
203	VIDEO AREA	PAINTED GWB	RUBBER	PAINTED WOOD (CLASS C)	UNFINISHED EXPOSED FRAMING	
204	WORK OUT AREA	PAINTED GWB	RUBBER	PAINTED WOOD (CLASS C)	UNFINISHED EXPOSED FRAMING	

DOOR SCHEDULE

KEY	SIZE	TYPE	FRAME	CASING	HARDWARE	ELEV.	REMARKS
100	3'-0"x6'-8" "B" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"B" LABEL PAINTED METAL	"B" LABEL PAINTED METAL	STAIR PASSAGE HARDWARE SET "B"	B	
101	3'-0"x6'-8" "B" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER W/SIDE PEEK PANEL	"B" LABEL PAINTED METAL	"B" LABEL PAINTED METAL	PASSAGE SET "A"	A	60 MINUTE FIRE RATING - MAXIMUM VISION PANEL SIZE 100 SQ. INCHES
102	3'-0"x6'-8"	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	PAINTED METAL	PAINTED METAL	PUSH/PULL SET "E"	A	
103	3'-0"x6'-8" "C" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"C" LABEL PAINTED METAL	"C" LABEL PAINTED METAL	PASSAGE SET "A"	A	
104	3'-0"x6'-8""C" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"C" LABEL PAINTED METAL	"C" LABEL PAINTED METAL	STORAGE SET "D1"	A	
104A	3'-0"x6'-8" "C" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"C" LABEL PAINTED METAL	"C" LABEL PAINTED METAL	STORAGE SET "D1"	A	
105	3'-0"x6'-8" "C" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"C" LABEL PAINTED METAL	"C" LABEL PAINTED METAL	STORAGE SET "D1"	A	
106	3'-0"x6'-8"	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER - TOP HALF GLAZED	PAINTED METAL	PAINTED METAL	OFFICE SET "C"	C	
107	3'-0"x6'-8"	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	PAINTED METAL	PAINTED METAL	STORAGE SET "D"	A	
108	3'-0"x6'-8" "C" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"C" LABEL PAINTED METAL	"C" LABEL PAINTED METAL	STORAGE SET "D1"	A	
108A	3'-0"x6'-8" "C" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"C" LABEL PAINTED METAL	"C" LABEL PAINTED METAL	STORAGE SET "D1"	A	
109	3'-0"x6'-8" "C" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"C" LABEL PAINTED METAL	"C" LABEL PAINTED METAL	PASSAGE SET "A1"	A	
110	3'-0"x6'-8"	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	PAINTED METAL	PAINTED METAL	PUSH/PULL SET "E"	A	
111	3'-0"x6'-8" "B" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	"B" LABEL PAINTED METAL	"B" LABEL PAINTED METAL	PASSAGE SET "A"	A	
112	3'-0"x6'-8" "B" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER W/SIDE PEEK PANEL	"B" LABEL PAINTED METAL	"B" LABEL PAINTED METAL	STAIR PASSAGE HARDWARE SET "B"	B	60 MINUTE FIRE RATING - MAXIMUM VISION PANEL SIZE 100 SQ. INCHES
200	3'-0"x6'-8"	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	PAINTED WOOD	PAINTED WOOD	STORAGE SET "D"	A	
201	3'-0"x6'-8" "B" LABEL	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER W/SIDE PEEK PANEL	"B" LABEL PAINTED METAL	"B" LABEL PAINTED METAL	STAIR PASSAGE HARDWARE SET "B"	B	60 MINUTE FIRE RATING - MAXIMUM VISION PANEL SIZE 100 SQ. INCHES
202	3'-0"x6'-8"	1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER	PAINTED METAL	PAINTED METAL	STORAGE SET "D"	A	
D1	PAIR 9'-0"x10'-0"	2 1/4" THICK - CLEAR CEDAR	PAINTED WOOD	PAINTED WOOD	ROLLING BARN DOOR HARDWARE SET "F"	E	CUSTOM BUILT OR ARCHITECT APPROVED MANUFACTURER
D2	PAIR 9'-0"x10'-0"	2 1/4" THICK - CLEAR CEDAR	PAINTED WOOD	PAINTED WOOD	ROLLING BARN DOOR HARDWARE SET "F"	E	CUSTOM BUILT OR ARCHITECT APPROVED MANUFACTURER
D3	PAIR 9'-0"x10'-0"	2 1/4" THICK - CLEAR CEDAR	PAINTED WOOD	PAINTED WOOD	ROLLING BARN DOOR HARDWARE SET "F"	E	CUSTOM BUILT OR ARCHITECT APPROVED MANUFACTURER
D4	3'-0"x7'-0" 45 MINUTE	"C" LABEL, INSULATED CORE, FLUSH METAL DOOR	"C" LABEL PAINTED METAL	PAINTED WOOD	ENTRY LOCK SET "G"	A	PAINTED TO MATCH TRIM
D5	3'-0"x7'-0"	SIMPSON WOOD #7228 BUNGALOW TDL	PAINTED WOOD	PAINTED WOOD	ENTRY LOCK SET "G"	D	MEDPLEX CORE - CEDAR
D6	3'-0"x7'-0"	SIMPSON WOOD #7228 BUNGALOW TDL	PAINTED WOOD	PAINTED WOOD	ENTRY LOCK SET "G"	D	MEDPLEX CORE - CEDAR

DOOR SCHEDULE NOTES

1.) ALL DOORS TO RECEIVE LEVER HARDWARE. ALL DOOR HARDWARE SHALL BE SCHLAGE "ND" SERIES OR ARCHITECT APPROVED EQUAL.

2.) INSTALL DOOR STOPS AT ALL SWING DOORS.

3.) ALL FLUSH WOOD DOORS TO RECEIVE 2 COATS CLEAR FINISH

4.) ALL METAL DOOR JAMBS TO RECEIVE 1 COAT PRIME, 2 COATS PAINT (OIL FINISH) - COLOR TO BE SELECTED BY ARCHITECT

5.) ALL FIRE RATED DOORS SHALL BE SELF CLOSING

6.)NOTE: ALL "B" AND "C" LABEL DOORS SHALL INCLUDE WEATHER STRIP, METAL THRESHOLD AND FRAME TO MATCH FIRE RATING ACCORDINGLY

7.) ALL DOORS TO STAIRWAYS TO BE CLASS 'B' LABEL (60 MINUTE MIN.. FIRE RATING) , ALL CLASS 'C' LABEL DOORS TO BE (45 MINUTE FIRE RATING)

8.) ALL GLASS IN INTERIOR 1 HOUR PARTITIONS TO BE CLEAR WIRE GLASS AND SECURED WITH STEEL STOPS. TOTAL GLASS AREA FOR EACH LIGHT SHALL NOT EXCEED 1296 SQ. IN.

9.) ALL GLASS IN 'B' LABEL DOORS SHALL BE CLEAR WIRE GLASS, SECURED WITH STEEL STOPS TOTAL AREA SHALL NOT EXCEED 100 SQ. INCHES PER LEAF.

10.) PROVIDE INTEGRAL OR 1/8"x1 1/2" FLAT BAR ASTRAGAL AT ALL DOUBLE LEAF WOOD CLASS 'B' & "C" LABEL DOORS.

11.) ALL GLASS IN 'C' LABEL DOORS SHALL BE CLEAR WIRE GLASS, SECURED WITH STEEL STOPS TOTAL AREA SHALL NOT EXCEED 1296 SQ. INCHES PER LEAF.

12.) ALL FIRE RATED DOORS SHALL BEAR THE UNDERWRITERS' LABORATORY LABEL (DO NOT PAINT OVER)

13.) WHERE CARPET OCCURS ADJUST DOORS FOR SIZE.

GENERAL NOTES

1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

2.) GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND PLACEMENT OF ORDER.

3.) ANY CONFLICT BETWEEN DRAWINGS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.

4.) CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

WINDOW SCHEDULE

KEY	SIZE	MANUF	MODEL	TYPE	FINISH	REMARKS
W1	2'-8"x2'-8" R.O.	ANDERSEN 400 SERIES	AX281	CLAD AWNING	WHITE HARDWARE PAINTED AND PRIMED INT.	LITES PER ELEVATIONS, CLAD EXTERIOR
W2	3'-5 3/8"x3'-0 1/2" R.O.	ANDERSEN 400 SERIES	AXW351	CLAD AWNING	WHITE HARDWARE PAINTED AND PRIMED INT.	LITES PER ELEVATIONS, CLAD EXTERIOR
W3	4'-0 1/2"x3'-0 1/2" R.O.	ANDERSEN 400 SERIES	AXW41	CLAD AWNING	WHITE HARDWARE PAINTED AND PRIMED INT.	LITES PER ELEVATIONS, CLAD EXTERIOR

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

ROOM FINISH, WINDOW & DOOR SCHEDULES & NOTES

HPB-BIDSET-A2-0-102414.DWG

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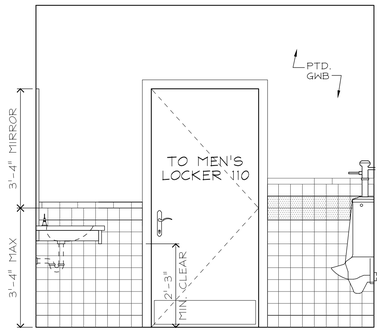
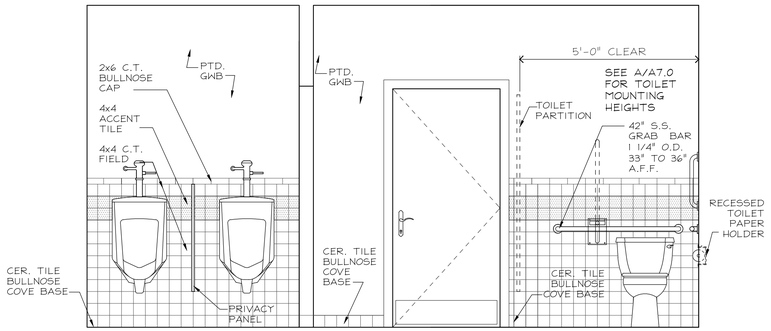


MEN'S TOILET ELEVATION 1

SCALE: 1/4" = 1'-0"

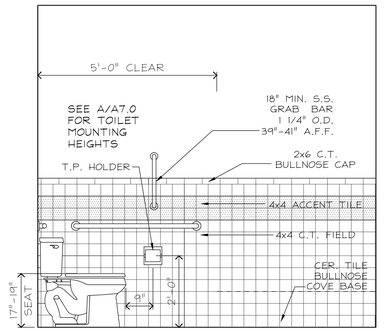
1 / A7.0



MEN'S TOILET ELEVATION 2

SCALE: 1/4" = 1'-0"

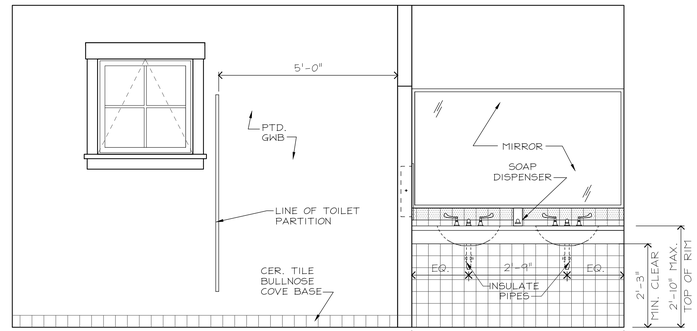
2 / A7.0



MEN'S TOILET ELEVATION 3

SCALE: 1/4" = 1'-0"

3 / A7.0



MEN'S TOILET ELEVATION 4

SCALE: 1/4" = 1'-0"

4 / A7.0

MEN'S TOILET ELEVATION 5

SCALE: 1/4" = 1'-0"

5 / A7.0

MEN'S TOILET ELEVATION 6

SCALE: 1/4" = 1'-0"

6 / A7.0

WOMEN'S TOILET ELEVATION 7

SCALE: 1/4" = 1'-0"

7 / A7.0

WOMEN'S TOILET ELEVATION 8

SCALE: 1/4" = 1'-0"

8 / A7.0

WOMEN'S TOILET ELEVATION 9

SCALE: 1/4" = 1'-0"

9 / A7.0

WOMEN'S TOILET ELEVATION 10

SCALE: 1/4" = 1'-0"

10 / A7.0

WOMEN'S TOILET ELEVATION 11

SCALE: 1/4" = 1'-0"

11 / A7.0

WOMEN'S TOILET ELEVATION 12

SCALE: 1/4" = 1'-0"

12 / A7.0

GENERAL NOTES

1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS

2.) GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND PLACEMENT OF ORDER.

3.) ANY CONFLICT BETWEEN DRAWINGS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.

4.) CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

TYPICAL HC WATER CLOSET MOUNTING HEIGHTS

SCALE: 1/4" = 1'-0"

A / A7.0

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

INTERIOR ELEVATIONS

HPB-BIDSET-A2-0-102414.DWG

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A7.0

STRUCTURAL NOTES AND SCHEDULES

DESIGN LOADS

1ST FLOOR LIVE LOAD = 40 PSF LL, 55 PSF TL
2ND FLOOR LIVE LOAD = 100 PSF
ATTIC LIVE LOAD = 30 PSF LL, 40 PSF TL
DECK LIVE LOAD = 40 PSF (NOT APPLICABLE)
ROOF SNOW LOAD = 30 PSF LL, 45 PSF TL

WIND LOADING:
(PER MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-02)
WIND SPEED = (115 MPH (3-SEC. GUST)
EXPOSURE = (B)

GENERAL

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF 2005 CONNECTICUT STATE BUILDING CODE AND SUPPLEMENTS, 2009 AMENDMENTS TO THE 2003 INTERNATIONAL BUILDING CODE.
2. THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. ANY DISCREPENCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGN TEAM.
3. THE CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF ALL SLEEVES, OPENINGS AND ANCHORAGES (INCLUDING ANCHOR BOLTS) AS REQUIRED BY ALL TRADES. OPENINGS NOT SPECIFICALLY SHOWN SHALL BE APPROVED BY THE ARCHIECT.
4. FOUNDATION WALLS SHALL BE TEMPORARILY BRACED UNTIL FRAMED SLABS AND SLABS ON GRADE BRACING THESE WALLS AGAINST EARTH PRESSURE, WIND AND OTHER LATERAL FORCES ARE IN PLACE.

FOUNDATIONS

1. ALL FOUNDATIONS, FOOTINGS AND SLABS SHALL BEAR ON UNDISTURBED, NON-ORGANIC MATERIAL, COMPACTED STRUCTURAL FILL OR CRUSHED STONE WITH A MINIMUM PRESUMPTIVE BEARING CAPACITY OF 1.5 TONS PER SQUARE FOOT.
2. BOTTOM OF FOOTING ELEVATIONS ARE SHOWN ON THE PLANS. IF ANY ORGANIC MATERIALS, SILTS OR CLAYS ARE ENCOUNTERED DURING EXCAVATION AT THE SPECIFIED BEARING ELEVATION OR SLAB ON GRADE LOCATIONS, THE GENERAL CONTRACTOR SHALL HALT ALL EXCAVATION AND CONTACT THE STRUCTURAL ENGINEER FOR SITE OBSERVATION AND DETERMINATION OF REMEDIAL PROCEDURES. THE GENERAL CONTRACTOR SHALL THEN SUBMIT A SCHEDULE OF COSTS FOR POSSIBLE REMOVAL OF UNSUITABLE MATERIALS AND REPLACEMENT WITH CONTROLLED STUCTURAL FILL PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. THE GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF OSHA REGARDING OPEN HOLES, SLOPE STABILITY AND EXCAVATION PROCEDURES.
4. ALL FOUNDATIONS FOOTINGS SHALL BE 4'-0" OR MORE BELOW FINISHED GRADE.
5. BACKFILLING OF FOUNDATIONS SHALL NOT EXCEED MORE THAN 2'-0" UNBALANCED FILL CONDITIONS WITHOUT TEMPORARY SHORING OF FOUNDATION WALLS, UNLESS FLOOR SYSTEM HAS BEEN FRAMED AND DECKED.
6. WHEREVER BEDROCK IS ENCOUNTERED, THE ROCK SHALL BE REMOVED TO 2'-0" BELOW BOTTOM OF FOOTINGS OR 1'-0" BELOW BOTTOM OF SLAB AND RESTORED IN 8" LIFTS OF COMPACTED CRUSHED STONE.
7. A RIGOROUS GEOTECHNICAL EXPLORATION PROGRAM HAS NOT BEEN UNDERTAKEN FOR THIS SITE. IT IS THE RESPONSIBILITY OF THE G.C. TO UNDERTAKE ANY ADDITIONAL TEST PITS, BORINGS OR INVESTIGATIONS AS NECESSARY TO ASSURE THE MINIMUM BEARING CAPACITY.
8. CONTROLLED STRUCTURAL FILL SHALL CONFORM TO THE FOLLOWING GRADATION:

US SIEVE	% PASSING BY WEIGHT
4"	100
1"	60-100
#4	25-55
#20	10-55
#40	5-35
#200	less than 5%

9. CRUSHED STONE SHALL BE CLEAN CRUSHED STONE CONFORMING TO ASTM C33, 3/4" NOMINAL SIZE.

REINFORCED CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE'S "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-95).
2. ALL CONCRETE IS DESIGNED BY ULTIMATE STRENGTH METHODS AND SHALL BE NORMAL WEIGHT AIR-ENTRAINED WITH A 28-DAY COMPRESSIVE STRENGTH AS FOLLOWS:
   a. 3000 PSI .... FOUNDATIONS & INTERIOR SLABS
   b. 4000 PSI .... EXTERIOR SLABS ON GRADE
3. ALL REINFORCING SHALL BE HIGH-STRENGTH DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60.
4. DETAIL ALL BARS IN ACCORDANCE WITH THE "ACI DETAILING MANUAL - 1988". SHOW ON THE PLACING DRAWINGS THE NUMBER AND LOCATION OF ALL BAR SUPPORTS AND ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT IN POSITIONS INDICATED.
5. PROVIDE TOTAL AIR ENTRAINMENT OF 6% (Ñ) FOR ALL CONCRETE EXPOSED TO WEATHER.
6. MAXIMUM SLUMP FOR CONCRETE SHALL BE 4" +/- 1" AND SHALL BE TESTED IN ACCORDANCE WITH ASTM C94.
7. UNLESS NOTED OTHERWISE, PROVIDE THE FOLLOWING MINIMUM REINFORCING COVER:
   a. FOOTINGS .... 3 INCHES
   b. CONCRETE EXPOSED TO WEATHER OR EARTH....... 2 INCHES
   c. SLABS ON GRADE (STEEL BARS) .... 2 INCHES
   d. SLABS ON GRADE (WWF) .... WWF SHALL BE PLACED AT A DISTANCE = 1/3 OF THE DEPTH FROM THE TOP OF SLAB, 1 1/2" MIMIMUM.
8. NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER. LAP SPLICES, WHERE PERMITTED, SHALL BE A MINIMUM OF 40 BAR DIAMETERS UNLESS SHOWN OTHERWISE. MAKE ALL BARS CONTINUOUS AROUND CORNERS.
9. PROVIDE TWO #5 BARS (1 EACH FACE) WITH 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE UNLESS SHOWN OTHERWISE.
10. SLABS, BEAMS AND WALLS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE. ANY STOP IN CONCRETE WORK MUST BE MADE AT CENTER OF SPAN OR AT CENTER OF SUPPORT WITH VERTICAL BULKHEADS, HORIZONTAL KEYS AND REINFORCING CONTINUING THROUGH. ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY THE STRUCTURAL ENGINEER.
11. WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDE AND END LAPS, AND SHALL BE WIRED TOGETHER. PROVIDE ADEQUATE SUPPORTS FOR MESH TO INSURE ITS LOCATION AS SHOWN ON DRAWINGS.
12. CONDUITS AND PIPES SHALL BE PLACED ABOVE BOTTOM BARS AND BELOW TOP BARS AND SHALL NOT EXCEED 1/3 THE CONCRETE THICKNESS AT ANY CROSS SECTION. PARALLEL RUNS SHALL BE SPACED A MINIMUM OF 3 DIAMETERS ON CENTER. NO ALUMINUM OR COATED CONDUIT PIPE SHALL BE USED.
13. ALL COLD WEATHER CONCRETING SHALL CONFORM TO THE REQUIREMENTS OF ACI 306. THE G.C. SHALL BE RESPONSIBLE FOR SUBMITTING A COLD WEATHER CONCRETING PROCEDURE FOR REVIEW PRIOR TO CONSTRUCTION.
14. ALL HOT WEATHER CONCRETING SHALL CONFORM TO THE REQUIREMENTS OF ACI 305. THE G.C. SHALL BE RESPONSIBLE FOR SUBMITTING A HOT WEATHER CONCRETING PROCEDURE FOR REVIEW PRIOR TO CONSTRUCTION.
15. ALL CONCRETE CURING SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN ACI 308.

STRUCTURAL STEEL

1. ALL WORK SHALL BE IN CONFORMANCE WITH THE "AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL, 9TH EDITION, ALLOWABLE STRESS DESIGN."
2. MATERIAL SPECIFICATIONS:
   W SHAPES .... ASTM A992 (50 KSI)
   SQUARE & RECTANGULAR HSS .... ASTM A500, GRADE C (50 KSI)
   L SHAPES, MISC. PLATES & BARS .... ASTM A36
   BOLTS .... ASTM A325
   ANCHOR RODS .... ASTM F1554, GRADE 36
   PIPE COLUMNS.. ASTM A53
3. ALL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY, D1.1, LATEST EDITION AND SHALL BE E-70xx ELECTRODES. ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER WITH CURRENT CERTIFICATION.
4. STEEL SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.
5. ALL STRUCTURAL STEEL SHALL BE THOROUGHLY CLEANED (SSPC-SP3) AND RECEIVE ONE COAT OF SHOP APPLIED PRIMER.

STRUCTURAL LUMBER/ROUGH CARPENTRY

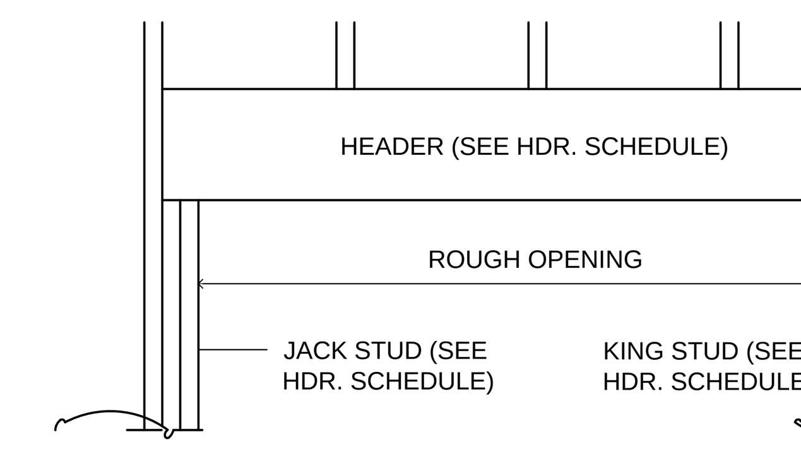
1. ALL WORK SHALL BE IN CONFORMANCE WITH THE AMERICAN FOREST AND PAPER ASSOCIATION STANDARDS AND SPECIFICATIONS.
2. ALL DIMENSIONAL LUMBER SHALL BE SPRUCE PINE FIR NORTH NO. 2 OR BETTER (19 % MOISTURE CONTENT OR LESS.) ALL LUMBER EXPOSED TO WEATHER SHALL BE SOUTHERN YELLOW PINE NO. 2 OR BETTER WITH ACQ PRESSURE TREATMENT PRESERVATIVE AND A MOISTURE CONTENT OF 19 % OR LOWER.
3. ALL INTERIOR AND EXTERIOR BEARING WALLS SHALL BE 2x6 AT 16" ON-CENTER SPRUCE PINE FIR NORTH NO. 2 OR BETTER, UNLESS NOTED OTHERWISE.
4. PROVIDE METAL HANGERS AT ALL FLUSH FRAMED CONNECTIONS.
5. ALL FASTENERS SHALL BE IN CONFORMANCE WITH THE FASTENING SCHEDULE IN TABLE R602.3(1), CHAPTER 6 OF THE CURRENT BUILDING CODE, UNLESS NOTED OTHERWISE. FASTENERS EXPOSED TO THE WEATHER SHALL BE HOT-DIP GALVANIZED OR STAINLESS STEEL.
6. ALL WALL SHEATHING SHALL BE 5/8" GRADE CDX PLYWOOD.
7. ALL ROOF DECK SHALL BE 5/8" GRADE CDX PLYWOOD AND SHALL BE SUPPORTED BY METAL CLIPS.
8. ALL FLOOR DECK SHALL BE 3/4" GRADE C-D TONGUE AND GROOVE PLYWOOD.
9. ALL FLOOR AND ROOF DECKING SHALL BE INSTALLED WITH ANGULAR RING NAILS (STAPLES SHALL NOT BE PERMITTED) WITH INSTALLATION PROCEDURES CONFORMING TO THE GOVERNING AGENCY STAMPED ON THE SHEETS.
10. ALL ROOF AREAS THAT ARE OVER-FRAMED SHALL CONTAIN ROOF DECKING ON THE UNDER-FRAMED MATERIAL, UNLESS NOTED OTHERWISE.
11. WHERE INDICATED, ALL LUMBER NOTED AS "LVL" SHALL BE MICROLAM LAMINATED VENEER LUMBER, AS MANUFACTURED BY TRUSS JOIST MCMILLAN.
12. WHERE INDICATED, ALL MEMBERS NOTED AS "BCI" SHALL BE TJI ENGINEERED WOOD I JOISTS, AS MANUFACTURED BY TRUSS JOIST MCMILLAN. FLOOR BRIDGING AND/OR BLOCKING SHALL BE INSTALLED PER JOIST MANUFACTURER'S RECOMMENDATIONS.
13. ALL PLYWOOD AND STRUCTURAL USE PANELS SHALL CONFORM TO THE REQUIREMENTS OF THE APA - THE ENGINEERED WOOD ASSOCIATION.
14. ALL WALL STUDS CUT FOR OTHER TRADES OVER 1/4 OF THE STUD DEPTH SHALL BE DOUBLED.
15. SHOP DRAWINGS/SUBMITTALS ARE REQUIRED FOR THE FOLLOWING: JOISTS, HANGERS, BEAMS AND STEEL. PHOTOCOPYING OF CONTRACT DOCUMENTATION FOR SUBMITTAL PURPOSES SHALL NOT BE PERMITTED AND WILL BE REJECTED WITHOUT REVIEW.
16. WHERE STUD WALLS ARE GREATER THAN 8'-0", PROVIDE A ROW OF 2X SOLID HORIZONTAL BLOCKING.
17. ALL OPENINGS SHALL BE FRAMED BY DOUBLE MEMBERS UNLESS NOTED OTHERWISE.
18. PROVIDE 1"x4" CROSS-BRIDGING FOR ALL SOLID SAWN WOOD JOISTS AT 8'-0" ON-CENTER MAXIMUM SPACING AND 2x SOLID BLOCKING BETWEEN JOISTS AT ALL SUPPORTS AND PARTITIONS.
19. MINIMUM LUMBER ALLOWABLE DESIGN STRESSES SHALL BE AS FOLLOWS:

MEMBER	MODULUS OF ELASTICITY, E	FLEX. STRESS F_b	COMP. PERP. TO GRAIN $F_{c\perp}$	COMP. PARALLEL TO GRAIN $F_{c\parallel}$	HORIZ. SHEAR F_v
PSL COLUMNS	1.8×10^6 psi	2400 psi	425 psi	2500 psi	190 psi
LVL	2.0×10^6 psi	3100 psi	750 psi	3000 psi	285 psi
SPRUCE PINE FIR NORTH, NO. 2	1.4×10^6 psi	875 psi 1066 psi (REP. USE)	425 psi	1150 psi	135 psi
SPRUCE PINE FIR NORTH, (STUDS)	1.3×10^6 psi	675 psi	425 psi	725 psi	135 psi
S-Y-P, NO. 2 (PRESSURE TREATED 2X'S)	1.4×10^6 psi	1350 psi 1320 psi (REP., WET USE)	480 psi	1600 psi	175 psi
S-Y-P, NO. 2 (PRESSURE TREATED POSTS)	1.4×10^6 psi	1150 psi	480 psi	1500 psi	175 psi

FLOOR NAILING REQUIREMENTS

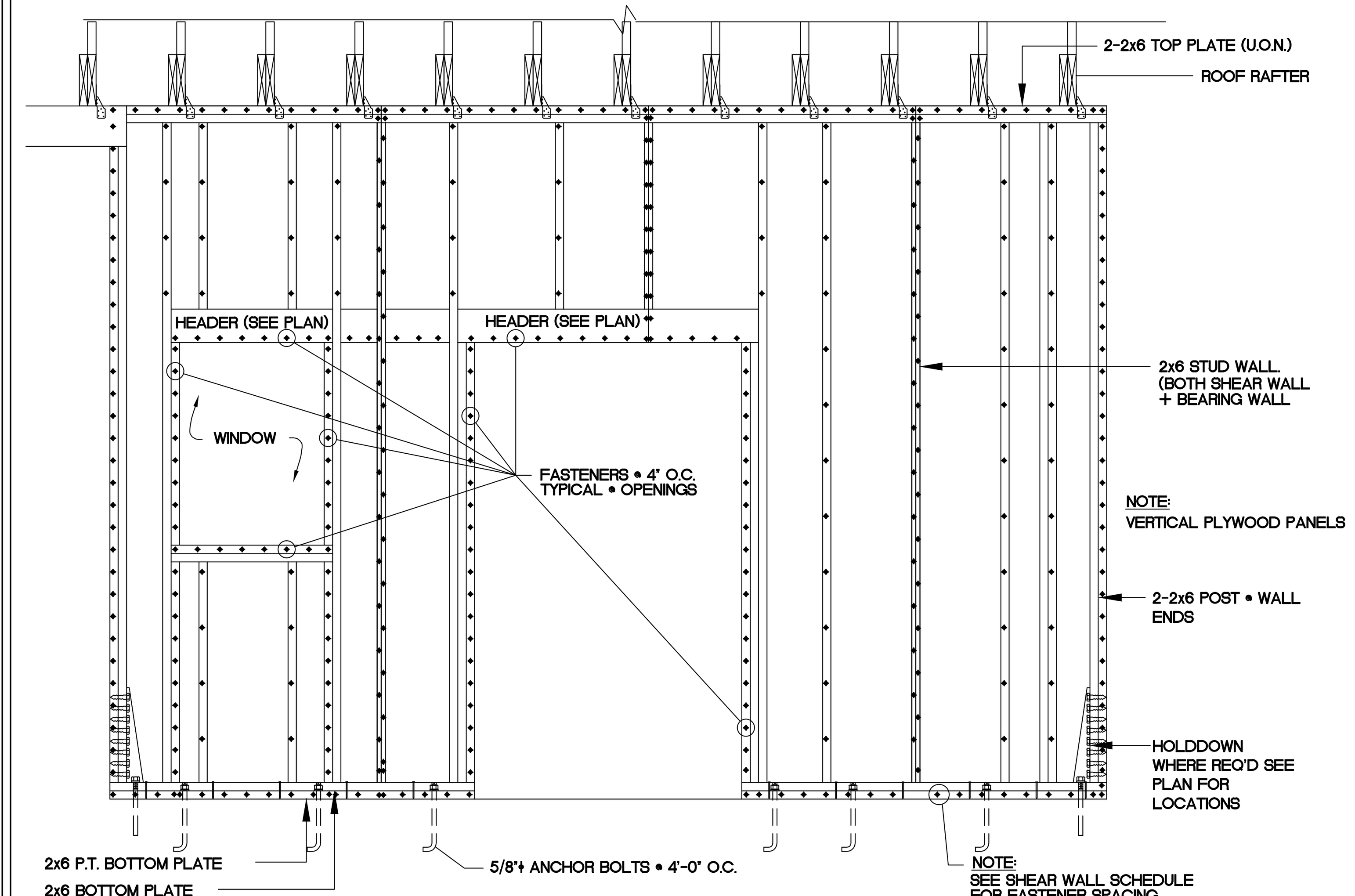
- BCI JOISTS AT BEARINGS: TWO 10D (3") BOX OR 12D (3½") BOX NAILS (1 EACH SIDE), 1¼" MINIMUM FROM END.
- BLOCKING PANELS, RIM JOIST OR RIM BOARD TO BEARING PLATE : BCI BLOCKING PANELS OR RIM JOIST: 10D (3") BOX NAILS AT 6" ON-CENTER.
- TRUS JOIST RIM BOARD: TOENAIL WITH 10D (3") BOX NAILS AT 6" ON-CENTER OR 16D (3½") BOX NAILS AT 12" ON-CENTER.
- SHEAR TRANSFER: CONNECTIONS EQUIVALENT TO DECKING NAIL SCHEDULE. 2x4 MINIMUM SQUASH BLOCKS: TWO 10D (3") BOX NAILS, ONE EACH AT TOP AND BOTTOM FLANGE.

TYPICAL HEADER BEARING DETAIL



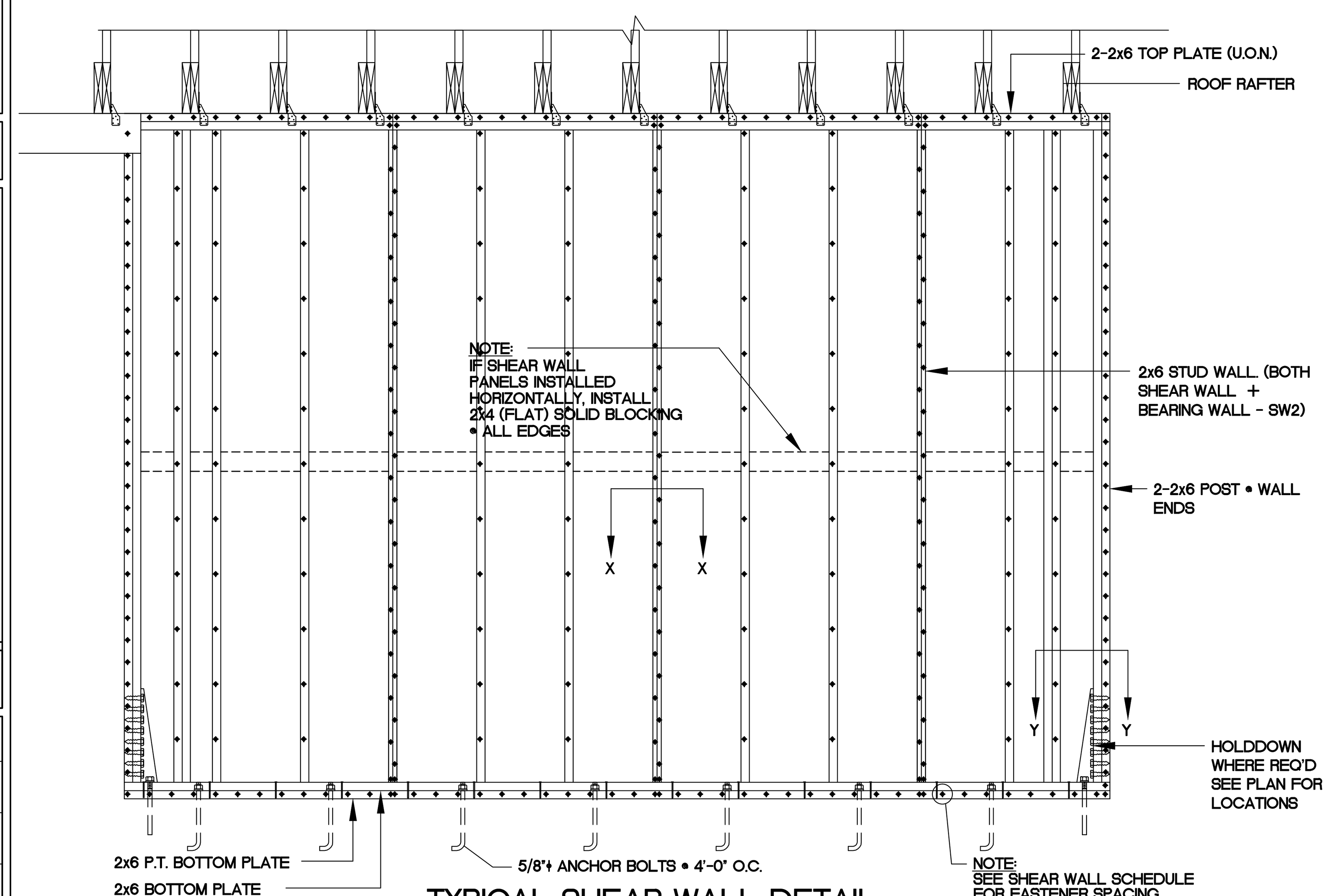
NOTE: STRAP BETWEEN HEADERS 8'-0" AND GREATER TO JACK STUD: SIMPSON H6.

TYPICAL SHEAR WALL DETAILS

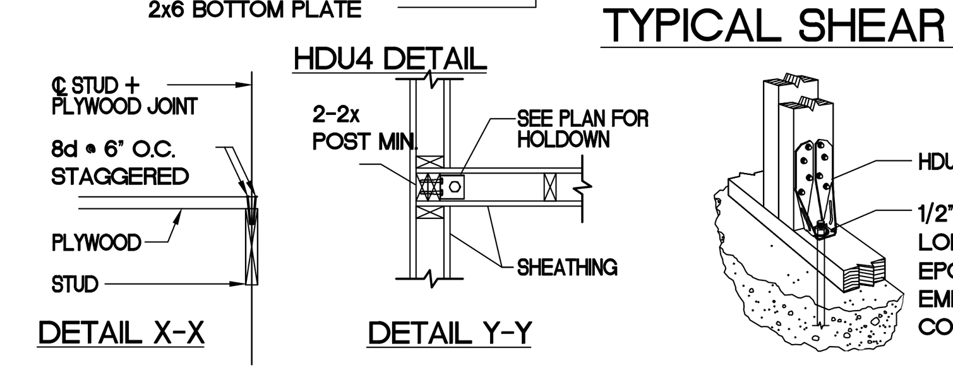


TYPICAL SHEAR WALL DETAIL WITH OPENINGS

NOTE: USE 2x4 WOOD STUDS AT SW1, 2x6 AT SW6



TYPICAL SHEAR WALL DETAIL



NOTES:
1. SHEAR WALL SHEATHING SHALL EXTEND FROM BOTTOM OF 2x PLATE TO UNDERSIDE OF DECKING AT EACH STORY.
2. ALL PANEL EDGES SHALL BE BLOCKED + ATTACHED PER SCHEDULE.
3. SHEATHING MUST BE SPLICED OVER A SINGLE STUD.
4. HORIZONTAL BLOCKING MUST BE ADDED IF PANEL EDGES DO NOT LAND ON STUDS OR WALL TOP AND BOTTOM PLATES.

GALVANIZED FASTENER NOTES

ZMAX CONNECTORS AND G90 GALVANIZED FASTENERS SHALL BE USED FOR ALL SIMPSON CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD (TYPICAL). NAILS EXPOSED TO INCLEMENT CONDITIONS AND USED TO ASSEMBLE PRESSURE TREATED MATERIALS SHALL NOT BE INCOMPATIBLE WITH THE METAL IN THE HANGERS (I.E. COMMON WIRE NAILS AND/OR ROOFING NAILS.) USE OF THESE FASTENERS IN TREATED WOOD MATERIALS AND SUBJECT TO "BIMETALLIC GALVANIC CORROSION" ACCELERATES THE CORROSION PROCESS IN SAID FASTENERS. MAI ARCHITECTS INDEMNIFIES ITSELF FROM ALL DAMAGES ASSOCIATED WITH THE USE OF INCOMPATIBLE FASTENERS AND RECOMMENDS COORDINATING APPROPRIATE FASTENERS WITH METAL CONNECTOR SUPPLIER.

WOOD HEADER SCHEDULE

ROUGH OPENING WIDTH	HEADER SIZE	JACK STUDS EACH SIDE	KING STUDS EACH SIDE
UP TO 3'-7"	(2)-2x6	2	1
3'-8" TO 4'-6"	(2)-2x8	2	2
4'-7" TO 5'-6"	(2)-2x10 OR (3)-2x8	2	2
5'-7" TO 6'-5"	(2)-2x12 OR (3)-2x10	2	2
BARN DOORS 9'-0"	(3) 2x12'S W/ (2) 1/2" PLYW00D FILLERS	2	2

NOTES:
1. ABOVE SCHEDULE IS ONLY TO BE USED WHEN DOOR/ WINDOW HEADER SIZES ARE NOT SPECIFIED ON THE PLANS.
2. USE PLYWOOD/SHIMS BETWEEN HEADER PLYS TO MATCH HEADER TO WALL WIDTH.
3. CONSULT STRUCTURAL ENGINEER FOR OPENING SIZES GREATER THAN 6'-5" EXCEPT BARN DOORS

STRUCTURAL ABBREVIATIONS

@	AT	ENGR.	ENGINEER	S/W	SHEARWALL
BRG.	BEARING	EQ.	EQUAL	SCHED.	SCHEDULE
BD.	BOARD	EX.	EXISTING	STD.	STANDARD
B.O.F.	BOTTOM OF FOOTING	E.W.	EACH WAY	STL	STEEL
BTM	BOTTOM	FDN.,	FOUNDATION	TEMP.	TEMPORARY
CMU	CONCRETE MASONRY	FTG.	FOOTING	T/	TOP OF
COL.	COLUMN	HDR.	HEADER	T.O.P.	TOP OF PIER
CONC.	CONCRETE	HOR.	HORIZONTAL	T.O.S.	TOP OF SLAB
CONT.	CONTINUOUS	I.F., I/F	INSIDE FACE	T.O.STL.	TOP OF STEEL
COORD.	COORDINATE	MFR	MANUFACTURER	T.O.W.	TOP OF WALL
C.W.A.	COORD. W/ ARCH.	oc	ON CENTER	TRPL.	TRIPLE
C.W.C.	COORD. W/ CIVIL ENGR.	O.F., O/F	OUTSIDE FACE	TYP.	TYPICAL
DBL.	DOUBLE	PMBM	PRE-ENGINEERED METAL BLDG. MFR.	U.N.O.	UNLESS NOTED OTHERWISE
DIA.	DIAMETER				
EA.	EACH	PL.	PLATE	VERT.	VERTICAL
E.C.	EPOXY-COATED	P.T.	PRESSURE TREATED	W/	WITH
E.F.	EACH FACE	PROV'D	PROVIDE		
ENGR.		REQ'D	REQUIRED		
		REINF.	REINFORCING		

FRAMING PLAN NOTES

1. TOP OF PLYWOOD SUBFLOOR DECK ELEVATION= XX.XX' UNLESS NOTED OTHERWISE.. X.XX' . INDICATES FLOOR DECK ELEVATION.

2. ⟷ INDICATES SPAN DIRECTION OF 3/4" TONGUE & GROOVE PLYWOOD FLOOR DECKING. DECKING SHALL BE GLUED AND NAILED AT 6" O.C.

3. ALL INTERIOR AND EXTERIOR BEARING WALLS SHALL BE 2x6 STUDS @ 16" O.C. UNLESS NOTED OTHERWISE. PROVIDE TRIPLE 2x6 STUDS CONTINUOUS TO THE FOUNDATION AT ALL BEAM BEARING LOCATIONS.

4. INSTALL BLOCKING AND BRIDGING PER JOIST MANUFACTURER'S RECOMMENDATIONS.

5. PROVIDE DOUBLE FLOOR JOISTS BENEATH ALL NON-LOAD BEARING PARTITIONS.

6. 6. ALL NAILING SHALL BE FASTENED IN ACCORDANCE WITH TABLE TABLE 2304.9.1 OF THE CONNECTICUT STATE BUILDING CODE UNLESS NOTED OTHERWISE.

7. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

8. COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.

9. - (HD)—● INDICATES SIMPSON HOLD-DOWN ANCHOR (SEE SHEARWALL SCHEDULE).

10. SW1-7 INDICATES PERFORATED SHEARWALL DESIGNATION (SEE SHEARWALL SCHEDULE ON DRAWING S2.0)

11. ■ INDICATES SOLID WOOD SAWN LUMBER OR PSL POSTS, SEE PLANS FOR SIZE

12. ☒ INDICATES WOOD POST. POSTS IN 2x6 WALLS SHALL BE BUILT-UP (3) 2x6 POSTS AND POSTS IN 2x4 WALLS SHALL BE BUILT-UP (4) 2x4 POSTS UNLESS NOTED OTHERWISE.

13. HDR. - INDICATES BUILT-UP 2x HEADER (SEE HEADER SCHEDULE).

14. ALL PLYWOOD WALL SHEATHING SHALL BE ORIENTED VERTICALLY.

SHEAR WALL SCHEDULE

MARK	PANEL SIZE / TYPE	NAILING ATTACHMENT	REMARKS
TYPICAL EXTERIOR WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS @ 6" O.C. @ EDGES 8d COMMON NAILS @ 10" O.C. @ INT. MEMBERS	
SW1 EXT. WEST WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS @ 6" O.C. @ EDGES 8d COMMON NAILS @ 10" O.C. @ INT. MEMBERS	
SW2 INTERIOR STORAGE	1/2" PLYWOOD - BOTH SIDES	8d COMMON NAILS @ 3" O.C. @ EDGES 8d COMMON NAILS @6" O.C. @ INT. MEMBERS	SIMPSON HDU14 HOLD DOWN AT CORNERS. (2) LOCATIONS.
SW3 INTERIOR OFFICE	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS @ 3" O.C. @ EDGES 8d COMMON NAILS @6" O.C. @ INT. MEMBERS	SIMPSON HDU14 HOLD DOWN AT CORNERS. (2) LOCATIONS.
SW4 EXT. EAST WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS @ 6" O.C. @ EDGES 8d COMMON NAILS @ 10" O.C. @ INT. MEMBERS	
SW5 EXT. SOUTH WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS @ 6" O.C. @ EDGES 8d COMMON NAILS @ 10" O.C. @ INT. MEMBERS	
SW6 INT. BATHROOM	1/2" PLYWOOD - STAIR SIDE	8d COMMON NAILS @ 3" O.C. @ EDGES 8d COMMON NAILS @6" O.C. @ INT. MEMBERS	SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (6) LOCATIONS.
SW7 EXT. NORTH WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS @ 3" O.C. @ EDGES 8d COMMON NAILS @6" O.C. @ INT. MEMBERS	SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (12) LOCATIONS.

FLOOR DIAPHRAGM NOTES

FLOOR DECK SHALL BE 3/4" GRADE C-D TONGUE AND GROOVE WOOD DECKING.
NAIL FLOOR DECK AT THE FOLLOWING SPACING:
10d @ 6" O.C. ALONG PANEL EDGES.
10d @ 12" O.C. FIELD NAILING.

BEAM / JOIST SPAN NOTES

#-SPAN REFERS TO THE JOIST/BEAM SPANNING CONTINUOUS OVER THE SUPPORT, I.E. 2-SPAN MEANS ONE MEMBER SPANNING CONTINUOUS OVER ONE SUPPORT, 3-SPAN MEANS ONE MEMBER SPANNING CONTINUOUS OVER TWO SUPPORTS, ETC.

TYPICAL SIMPSON CONNECTORS & NOTES

2x RAFTERS BASE - "H" SERIES CLIPS
2x RAFTER AT RIDGE BEAM-LSSU SERIES
2x RAFTER AT SKEWED BEAM-SUR/L SERIES
2x SLAB - U SERIES
TJI SLAB - IUT SERIES
ISOLATED WOOD POST CAP - PC/EPC POST CAP
ISOLATED WOOD POST BASE - ABU BASE
LALLY COLUMN - LCC SERIES STEEL COLUMNS- CCOS SERIES
LVL/TJI AT CMU - WP SERIES
LVL BEAMS AS NOTED ON DRAWINGS

NOTES:
1. ALL HANGERS FULL DEPTH AND FULLY NAILED.
2. CONTRACTOR TO COORDINATE SLOPE/SKEW REQUIREMENTS OF CONNECTORS.
3. INSTALLATION OF HANGERS SHALL BE CONCURRENT WITH FRAMING INSTALLATION.

STRUCTURAL NOTES

1. MINIMUM 3'-6" FROST DEPTH TO BE MAINTAINED FOR ALL FOOTINGS. ALL FOOTINGS SHALL BEAR ON NATURAL NON-DISTURBED, COMPACT NON-ORGANIC SOILS.

2. CONTRACTOR TO COORDINATE EMBEDMENT OF ANCHOR BOLTS, HDU4, ETC. INTO CONCRETE.

3. 5" CONC. FLOOR SLAB ON GRADE REINF W/6X6-W2.0xW2.0W.W.M. (OR FIBERMESH) OVER 6MIL VAPOR BARRIER ON 6" MIN COMPACTED GRAVEL.

4. EXTERIOR SLABS TO BE POURED ON 6" MIN COMPACTED GRAVEL, OVER COMPACTED GRANULAR SOILS PLACED IN 8" MAXIMUM LIFTS TO 95% COMPACTION RATIO.

5. ALL POSTS AND JAMBS TO BE FULLY SPIKED. PROVIDE 2X4 BLOCKING UNDER ALL POSTS AND JAMBS OF WINDOW AND DOOR OPENINGS OPENINGS EXCEEDING 6'-0" IN WIDTH. (SEE HEADER SCHEDULE)

6. ALL FRAMING LUMBER SHALL BE DRY (19% MAXIMUM MOISTURE CONTENT) SPRUCE PINE FIR No.2 GRADE W/A BASE VALUE Fb OF 875 PSI., EXCEPT AS NOTED ON THE ROOF FRAMING PLAN.

7. CONTRACTOR SHALL USE A.P.A. RATED SHEATHING SYSTEM: 3/4" T&G PLYWOOD DECKING GLUED WITH PL400 ADHESIVE AND SCREWED AT 12" o.c., INTERMEDIATE, 6" O.C. ABOUT PERIMETER. UNLESS NOTED OTHERWISE.

8. ALL OPENINGS SHALL BE FRAMED WITH DOUBLE MEMBERS UNLESS SHOWN OTHERWISE-SEE HEADER SHCEDULE.

9. ALL LAMINATED VENEER LUMBER AND COMPOSITE LUMBER SHALL BE MICROLAMS, TJI WOOD I SLABS, TIMBERSTRAND OR PARALLAMS AS PRODUCED BY TRUSS SLAB MACMILLAN, OR AN APPROVED EQUIVALENT.

10. ALL METAL FRAMING CONNECTIONS SHALL BE FULLY NAILED AS PER MANUFACTURER'S RECOMMENDATIONS.

11. CONTRACTOR TO SUBMIT FOR REVIEW EXACT CONNECTION MANUFACTURER'S DATA SHEETS FOR EACH TYPE OF CONNECTION SPECIFIED.

12. CONTRACTOR TO SUBMIT SHOP DRAWINGS (3 COPIES, OR 1 COPY W/ ELECTRONIC PDF) INCLUDING COMPLETE DETAILS FOR FABRICATION AND ASSEMBLY OF STRUCTURAL CONNECTIONS AND HANGERS.

13. ALL CONCRETE SHALL BE READY MIXED WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI @ 28 DAYS FOR INTERIOR SLABS, FOOTINGS AND WALLS, 4,000 PSI @ 28 DAYS FOR EXTERIOR SLABS AND WALKWAYS; 480 LBS. CEMENT PER CU. YD. MINIMUM; W/C RATIO +0.58 MINIMUM. PORTLAND CEMENT SHALL BE ANSI/ASTM C150, TYPE 1; AGGREGATE SHALL BE ANSI/ASTM C33; WATER SHALL BE POTABLE.

14. CONTRACTOR SHALL VERIFY THE DIMENSIONS AND CONDITIONS OF ALL EXISTING STRUCTURAL IN THE FIELD. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL TEMPORARY SHORING, BRACING AND JOB SITE SAFETY RELATED TO ALL CONSTRUCTION MEANS AND METHODS.

15. ALL NAILED CONNECTIONS SHALL BE SECURED IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING CODE NAILING SCHEDULE UNLESS NOTED OTHERWISE ON DRAWINGS AND SCHEDULES.

16. ALL WINDOW AND DOOR HEADERS SHALL BE AS INDICATED ON SCHEDULE.

17. WHETHER OR NOT INDICATED ON THE FRAMING PLANS, THE CONTRACTOR SHALL INSTALL SOLID 2x BLOCKING AS FOLLOWS:

A. CEILING TO MATCH FRAMING DEPTH, SPACED 8'-0" O.C. MAX.

B. RAFTERS 2" NOMINAL LESS THAN RAFTER DEPTH, SPACED 8'-0" O.C. MAX.

18. ROOF SHEATHING: 1/2" PLYWOOD WITH 8D NAILS AT 6" ON CENTER AT PANEL EDGES

19. RAFTER STRAPS AT RIDGE: SIMPSON LSTA24 AT EVERY THIRD RAFTER.

20. RAFTER STRAPS TO FIRST AND SECOND FLOOR WALL PLATE: SIMPSON H2.5A AT EACH RAFTER.

21. STRAP BETWEEN HEADERS 8'-0" AND GREATER TO JACK STUD: SIMPSON H6.

22 . FIRST FLOOR STUD TO SILL PLATE: 1/2" PLYWOOD WITH 8D NAILS AT 2" ON CENTER.

23 . SILL PLATE TO FOUNDATION WALL: 1/2" DIAMETER DOUBLE ZINC COATED ANCHOR BOLTS AT 48" ON CENTER WITH 3" X 3" X 1/4" WASHER. (1'-0" MAXIMUM FROM EACH CORNER AND END OF PLATE)

24. EXTERIOR PLYWOOD SHEATHING: 1/2" PLYWOOD WITH 8D NAILS AT 6" ON CENTER AT PANEL EDGES. UNLESS OTHERWISE NOTED.

25. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS. ANY CONFLICT BETWEEN DRAWINGS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.

26. CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

STRUCTURAL NOTES, SCHEDULES & DETAILS

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

SCALE: AS NOTED

BID SET DATE: OCTOBER 27, 2014

DRAWING RELEASE DATE: 10.27.14

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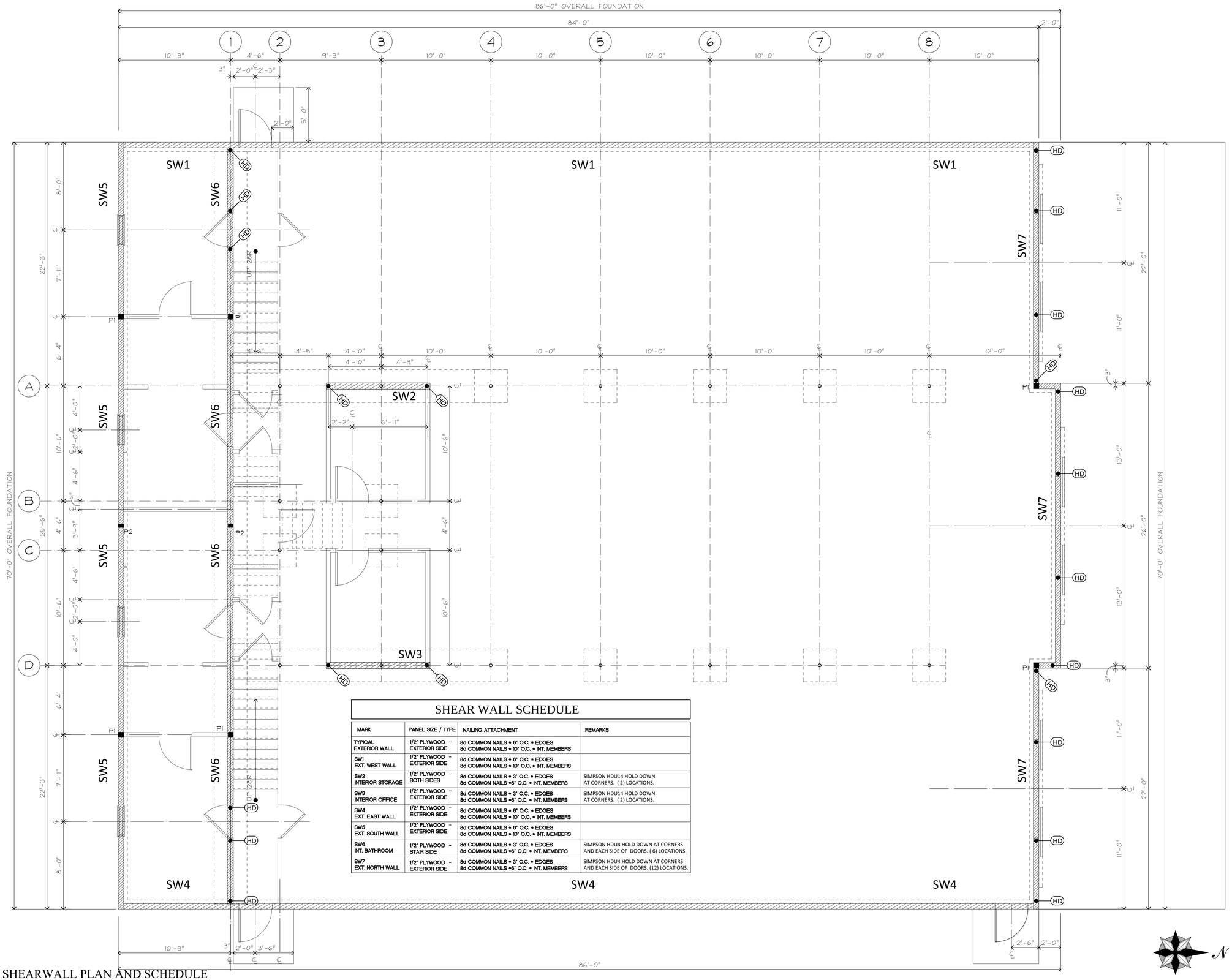
S1.0



SHEAR WALL SCHEDULE

MARK	PANEL SIZE / TYPE	NAILING ATTACHMENT	REMARKS
TYPICAL EXTERIOR WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS • 6" O.C. • EDGES 8d COMMON NAILS • 10" O.C. • INT. MEMBERS	
SW1 EXT. WEST WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS • 6" O.C. • EDGES 8d COMMON NAILS • 10" O.C. • INT. MEMBERS	
SW2 INTERIOR STORAGE	1/2" PLYWOOD - BOTH SIDES	8d COMMON NAILS • 3" O.C. • EDGES 8d COMMON NAILS •6" O.C. • INT. MEMBERS	SIMPSON HDU14 HOLD DOWN AT CORNERS. (2) LOCATIONS.
SW3 INTERIOR OFFICE	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS • 3" O.C. • EDGES 8d COMMON NAILS •6" O.C. • INT. MEMBERS	SIMPSON HDU14 HOLD DOWN AT CORNERS. (2) LOCATIONS.
SW4 EXT. EAST WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS • 6" O.C. • EDGES 8d COMMON NAILS • 10" O.C. • INT. MEMBERS	
SW5 EXT. SOUTH WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS • 6" O.C. • EDGES 8d COMMON NAILS • 10" O.C. • INT. MEMBERS	
SW6 INT. BATHROOM	1/2" PLYWOOD - STAIR SIDE	8d COMMON NAILS • 3" O.C. • EDGES 8d COMMON NAILS •6" O.C. • INT. MEMBERS	SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (6) LOCATIONS.
SW7 EXT. NORTH WALL	1/2" PLYWOOD - EXTERIOR SIDE	8d COMMON NAILS • 3" O.C. • EDGES 8d COMMON NAILS •6" O.C. • INT. MEMBERS	SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (12) LOCATIONS.

SHEARWALL PLAN AND SCHEDULE

SCALE: 1/4" = 1'-0"

1
S2.0

STRUCTURAL NOTES

1. MINIMUM 3'-6" FROST DEPTH TO BE MAINTAINED FOR ALL FOOTINGS. ALL FOOTINGS SHALL BEAR ON NATURAL NON-DISTURBED, COMPACT NON-ORGANIC SOILS.

2. CONTRACTOR TO COORDINATE EMBEDMENT OF ANCHOR BOLTS, HDU4, ETC. INTO CONCRETE.

3. 5" CONC. FLOOR SLAB ON GRADE REINF W/6X6-W2.0xW2.0W,W.M. (OR FIBERMESH) OVER 6MIL VAPOR BARRIER ON 6" MIN COMPACTED GRAVEL.

4. EXTERIOR SLABS TO BE POURED ON 6" MIN COMPACTED GRAVEL, OVER COMPACTED GRANULAR SOILS PLACED IN 8" MAXIMUM LIFTS TO 95% COMPACTION RATIO.

5. ALL POSTS AND JAMBS TO BE FULLY SPIKED. PROVIDE 2X4 BLOCKING UNDER ALL POSTS AND JAMBS OF WINDOW AND DOOR OPENINGS OPENINGS EXCEEDING 6'-0" IN WIDTH. (SEE HEADER SCHEDULE)

6. ALL FRAMING LUMBER SHALL BE DRY (19% MAXIMUM MOISTURE CONTENT) SPRUCE PINE FIR No.2 GRADE W/A BASE VALUE Fb OF 875 PSI., EXCEPT AS NOTED ON THE ROOF FRAMING PLAN.

7. CONTRACTOR SHALL USE A.P.A. RATED SHEATHING SYSTEM: 3/4" T&G PLYWOOD DECKING GLUED WITH PL400 ADHESIVE AND SCREWED AT 12" o.c., INTERMEDIATE, 6" O.C. ABOUT PERIMETER. UNLESS NOTED OTHERWISE.

8. ALL OPENINGS SHALL BE FRAMED WITH DOUBLE MEMBERS UNLESS SHOWN OTHERWISE-SEE HEADER SHCEDULE.

9. ALL LAMINATED VENEER LUMBER AND COMPOSITE LUMBER SHALL BE MICROLAMS, TJI WOOD I SLABS, TIMBERSTRAND OR PARALLAMS AS PRODUCED BY TRUSS SLAB MACMILLAN, OR AN APPROVED EQUIVALENT.

10. ALL METAL FRAMING CONNECTIONS SHALL BE FULLY NAILED AS PER MANUFACTURER'S RECOMMENDATIONS.

11. CONTRACTOR TO SUBMIT FOR REVIEW EXACT CONNECTION MANUFACTURER'S DATA SHEETS FOR EACH TYPE OF CONNECTION SPECIFIED.

12. CONTRACTOR TO SUBMIT SHOP DRAWINGS (3 COPIES, OR 1 COPY W/ ELECTRONIC PDF) INCLUDING COMPLETE DETAILS FOR FABRICATION AND ASSEMBLY OF STRUCTURAL CONNECTIONS AND HANGERS.

13. ALL CONCRETE SHALL BE READY MIXED WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI @ 28 DAYS FOR INTERIOR SLABS, FOOTINGS AND WALLS, 4,000 PSI @ 28 DAYS FOR EXTERIOR SLABS AND WALKWAYS; 480 LBS. CEMENT PER CU. YD. MINIMUM; W/C RATIO +0.58 MINIMUM. PORTLAND CEMENT SHALL BE ANSI/ASTM C150, TYPE 1; AGGREGATE SHALL BE ANSI/ASTM C33; WATER SHALL BE POTABLE.

14. CONTRACTOR SHALL VERIFY THE DIMENSIONS AND CONDITIONS OF ALL EXISTING STRUCTURAL IN THE FIELD. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL TEMPORARY SHORING, BRACING AND JOB SITE SAFETY RELATED TO ALL CONSTRUCTION MEANS AND METHODS.

15. ALL NAILED CONNECTIONS SHALL BE SECURED IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING CODE NAILING SCHEDULE UNLESS NOTED OTHERWISE ON DRAWINGS AND SCHEDULES.

16. ALL WINDOW AND DOOR HEADERS SHALL BE AS INDICATED ON SCHEDULE.

17. WHETHER OR NOT INDICATED ON THE FRAMING PLANS, THE CONTRACTOR SHALL INSTALL SOLID 2x BLOCKING AS FOLLOWS:

A. CEILING TO MATCH FRAMING DEPTH, SPACED 8'-0" O.C. MAX.

B. RAFTERS 2" NOMINAL LESS THAN RAFTER DEPTH, SPACED 8'-0" O.C. MAX.

18. ROOF SHEATHING: 1/2" PLYWOOD WITH 8D NAILS AT 6" ON CENTER AT PANEL EDGES

19. RAFTER STRAPS AT RIDGE: SIMPSON LSTA24 AT EVERY THIRD RAFTER.

20. RAFTER STRAPS TO FIRST AND SECOND FLOOR WALL PLATE: SIMPSON H2.5A AT EACH RAFTER.

21. STRAP BETWEEN HEADERS 8'-0" AND GREATER TO JACK STUD: SIMPSON H6.

22 . FIRST FLOOR STUD TO SILL PLATE: 1/2" PLYWOOD WITH 8D NAILS AT 2" ON CENTER.

23 . SILL PLATE TO FOUNDATION WALL: 1/2" DIAMETER DOUBLE ZINC COATED ANCHOR BOLTS AT 48" ON CENTER WITH 3" X 3" X 1/4" WASHER. (1'-0" MAXIMUM FROM EACH CORNER AND END OF PLATE)

24. EXTERIOR PLYWOOD SHEATHING: 1/2" PLYWOOD WITH 8D NAILS AT 6" ON CENTER AT PANEL EDGES. UNLESS OTHERWISE NOTED.

25. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS. ANY CONFLICT BETWEEN DRAWINGS AND CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION.

26. CONTRACTOR SHALL NOT DEVIATE FROM DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF ARCHITECT.

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

SHEARWALL / HOLD DOWN PLAN AND SCHEDULE

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
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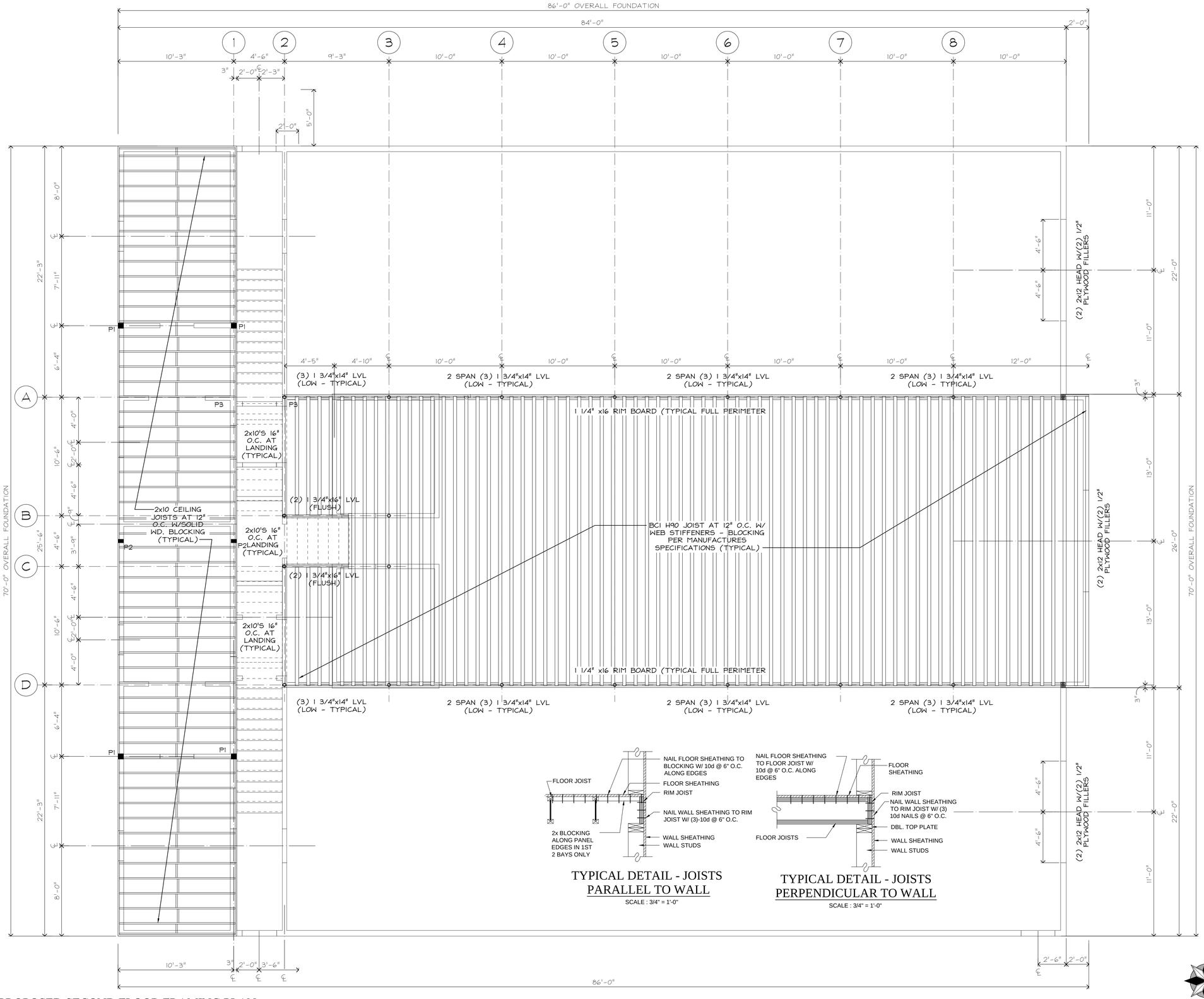

TYPICAL DETAIL - JOISTS PARALLEL TO WALL

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

TYPICAL DETAIL - JOISTS PERPENDICULAR TO WALL

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

PROPOSED SECOND FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"

1
S2.1

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4. EXTERIOR SLABS TO BE POURED ON 6" MIN COMPACTED GRAVEL, OVER COMPACTED GRANULAR SOILS PLACED IN 8" MAXIMUM LIFTS TO 95% COMPACTION RATIO.

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6. ALL FRAMING LUMBER SHALL BE DRY (19% MAXIMUM MOISTURE CONTENT) SPRUCE PINE FIR No.2 GRADE W/A BASE VALUE Fb OF 875 PSI., EXCEPT AS NOTED ON THE ROOF FRAMING PLAN.

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166 BOSTON POST ROAD
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PROPOSED SECOND FLOOR FRAMING PLAN

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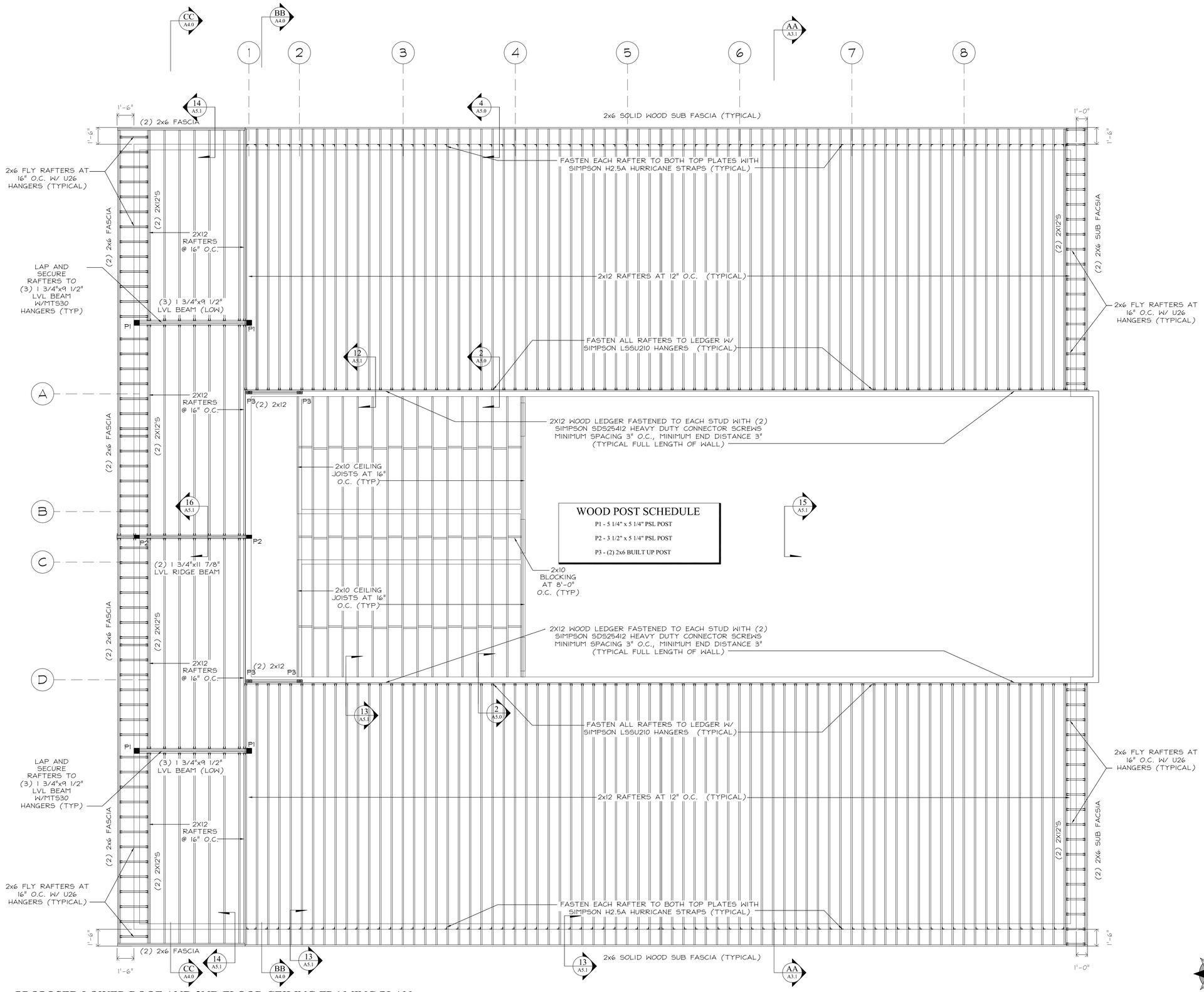

PROPOSED LOWER ROOF AND 2ND FLOOR CEILING FRAMING PLAN

SCALE: 1/4" = 1'-0"

1 S2.2

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PROPOSED LOWER ROOF & CEILING FRAMING PLAN

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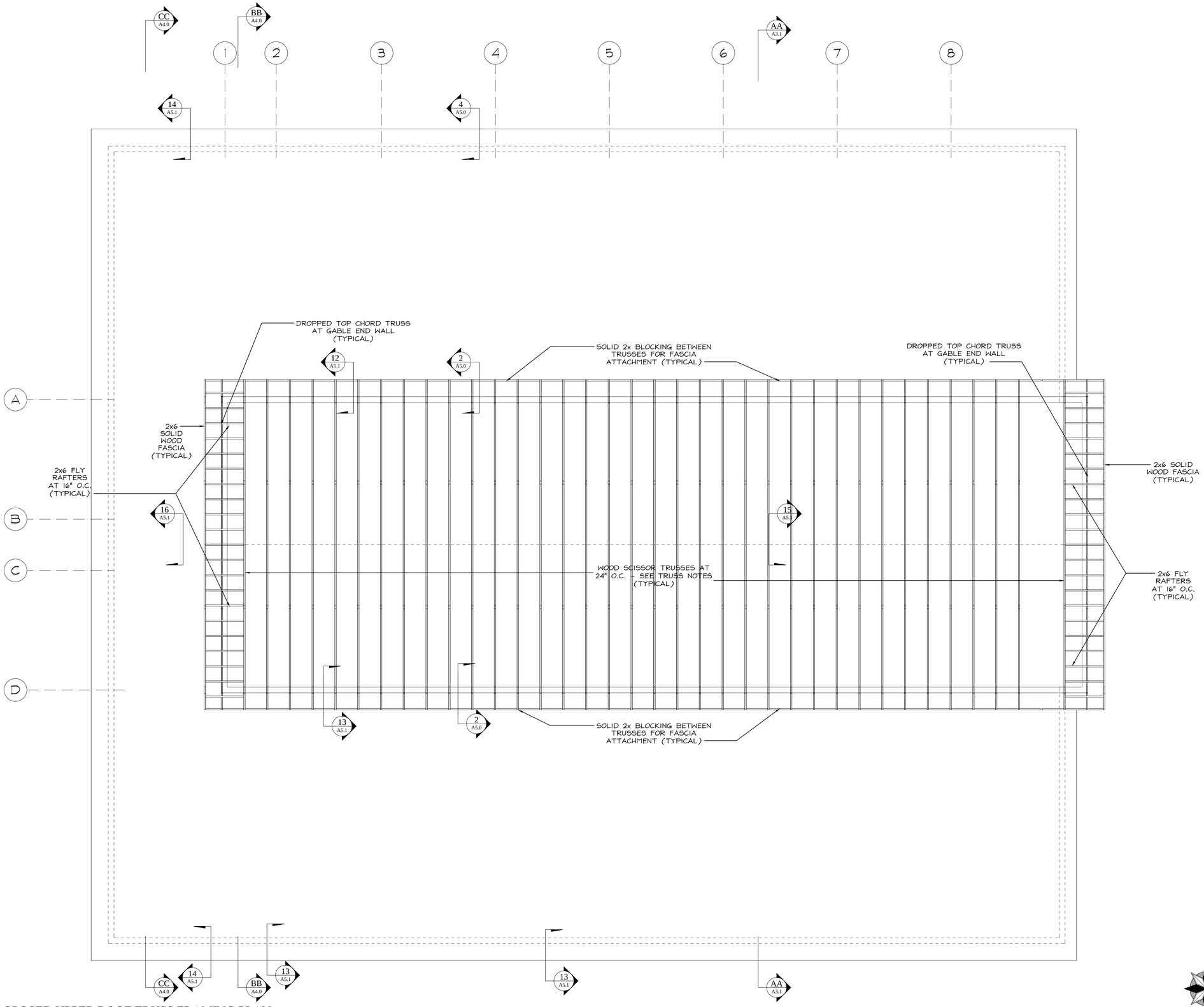

PROPOSED UPPER ROOF TRUSS FRAMING PLAN

SCALE: 1/4" = 1'-0"

1
S2.3

STRUCTURAL NOTES

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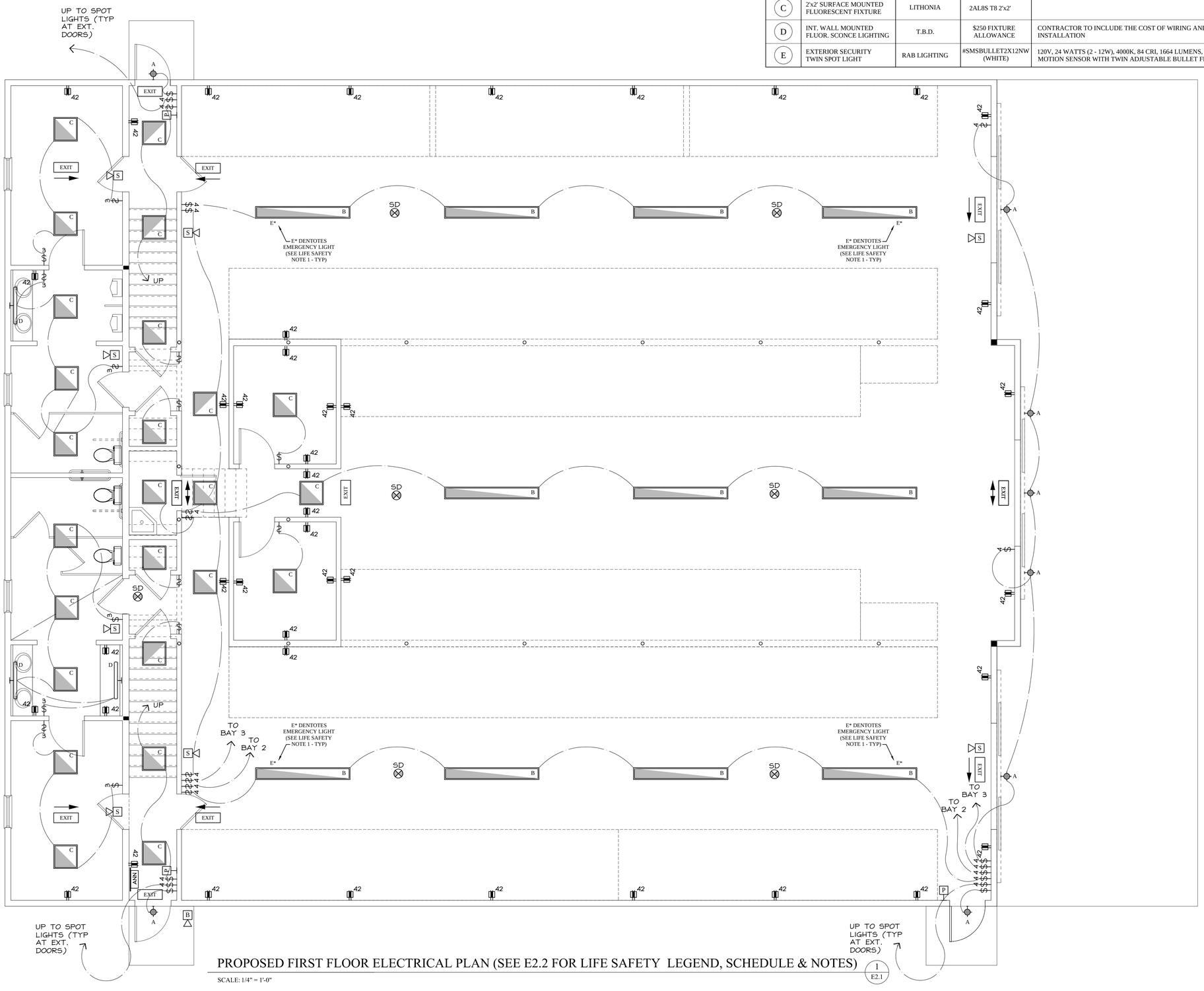
S2.3



PROPOSED FIRST FLOOR ELECTRICAL PLAN (SEE E2.2 FOR LIFE SAFETY LEGEND, SCHEDULE & NOTES)

SCALE: 1/4" = 1'-0"

1 / E2.1

LIGHTING FIXTURE SCHEDULE

KEY	TYPE	MANUF.	MODEL	REMARKS
A	EXT. WALL MOUNTED A-LAMP LED SCONCE	T.B.D.	$250 FIXTURE ALLOWANCE	CONTRACTOR TO INCLUDE THE COST OF WIRING AND INSTALLATION
B	SUSPENDED 8' FLUORESCENT FIXTURE	LITHONIA	TL232 MV	TANDEM, T8 GENERAL PURPOSE INDUSTRIAL 4 966 32 120 - 277
C	2'x2' SURFACE MOUNTED FLUORESCENT FIXTURE	LITHONIA	2AL8S T8 2'x2'	
D	INT. WALL MOUNTED FLUOR. SCONCE LIGHTING	T.B.D.	$250 FIXTURE ALLOWANCE	CONTRACTOR TO INCLUDE THE COST OF WIRING AND INSTALLATION
E	EXTERIOR SECURITY TWIN SPOT LIGHT	RAB LIGHTING	#SMSBULLET2X12NW (WHITE)	120V, 24 WATTS (2 - 12W), 4000K, 84 CRI, 1664 LUMENS, 64 LPW MOTION SENSOR WITH TWIN ADJUSTABLE BULLET FLOODS

ELECTRICAL LEGEND

- SINGLE POLE SWITCH MOUNTED 40" A.F.F. UNLESS NOTED OTHERWISE
- 3 WAY SWITCH MOUNTED 40" A.F.F. UNLESS NOTED OTHERWISE
- 4 WAY SWITCH MOUNTED 40" A.F.F. UNLESS NOTED OTHERWISE
- DIMMER SWITCH (SEE NOTES) MOUNTED 40" A.F.F. UNLESS NOTED OTHERWISE
- 15A CONVENIENCE OUTLET
- 15A QUAD OUTLET MTD.
- 15A CONV. OUTLET MTD. ABOVE COUNTER
- GROUND FAULT INTERRUPT RECEPTACLE MOUNTED (HEIGHT AS INDICATED OR 6" ABOVE BACKSPLASH)
- 15 AMP CONV. OUTLET - TOP HALF HOT (WALL SWITCH ACTIVATED)
- WATER PROOF (EXTERIOR) RECEPTACLE
- FLOOR OUTLET WITH SAFETY COVER (COORDINATE LOCATION IN THE FIELD W/ OWNER - ARCHITECT)
- QUAD OUTLET-GROUND FAULT DESIGNATED
- 20A DEDICATED REFRIGERATOR RECEPT. (VERIFY WITH MANUF. SPECS)
- 50A RANGE/COOKTOP/WALL OVEN RECEPTACLE (VERIFY WITH MANUF. SPECS)
- 30A ELECTRIC DRYER RECEPTACLE (VERIFY WITH MANUF. SPECS)
- 20A DEDICATED CLOTHES WASHER RECEPT. (VERIFY WITH MANUF. SPECS)
- 30A DISHWASHER RECEPTICAL (VERIFY WITH MANUF. SPECS)
- 20A MICROWAVE RECEPTICAL (VERIFY WITH MANUF. SPECS)
- TELEPHONE JACK MTD.
- TELEPHONE JACK WALL MOUNTED
- COMBO/DUEL STRUCTURED WIRING
- PROGRAMMABLE THERMOSTAT
- FLUORESCENT CEILING MOUNTED LIGHT FIXTURE (SEE SCHEDULE FOR SIZE)
- PENDANT OR CHANDELIER LIGHT FIXTURE (SEE SCHEDULE FOR SYMBOL)
- FLUORESCENT LIGHT FIXTURE (HINGE SWITCHED AT JAMB)
- EXHAUST FAN (RECESSED) SEPARATELY SWITCHED
- EXTERIOR SPOT LIGHT (SEE SCHEDULE FOR SYMBOL)
- WALL MTD. EXTERIOR LIGHT FIXTURE. (SEE SCHEDULE FOR SYMBOL)
- WALL MTD. INTERIOR LIGHT FIXTURE. (SEE SCHEDULE FOR SYMBOL)
- WALL MTD. VALENCE LIGHT FIXTURE. (SEE SCHEDULE FOR SYMBOL)
- SMOKE DETECTOR, HARDWIRED
- CARBON MONOXIDE DETECTOR, HARDWIRED
- COMBINATION SMOKE & CARBON MONOXIDE DETECTOR, HARDWIRED
- HEAT DETECTOR, HARDWIRED
- CEILING MOUNTED UTILITY LIGHT FIXTURE (SEE SCHEDULE FOR SYMBOL)
- CEILING MOUNTED LIGHT FIXTURE (SEE SCHEDULE FOR SYMBOL)
- EXTERIOR CEILING MTD. LIGHT FIXTURE (SEE SCHEDULE FOR SYMBOL)
- EXTERIOR POLE MTD. LIGHT FIXTURE (SEE SCHEDULE FOR SYMBOL)
- RECESSED CEILING FIXTURE (SEE SCHEDULE FOR SYMBOL)
- RECESSED DIRECTIONAL DOWNLIGHT - ARROW POINTS TOWARD OBJECT (SEE SCHEDULE FOR SYMBOL)
- CLG. MOUNTED FLUORESCENT STRIP (SEE SCHEDULE FOR SYMBOL)
- UNDERCABINET/TASK LIGHTING (SEE SCHEDULE FOR SYMBOL)
- CHAIN OR STEM SUSPENDED FLUORESCENT FIXTURE (SEE SCHEDULE FOR SIZE & SYMBOL)
- CEILING MOUNTED PADDLE FAN W/ REMOTE (SEE SCHEDULE FOR SYMBOL)

- GAS METER
- WATER METER
- ALARM
- ELEC. METER
- EQUIPMENT MOTOR
- DISPOSAL (BATCH FEED)
- MOTION DETECTOR
- CABLE TV
- DOOR BELL / CHIME
- INTERCOM

- 200 AMP — CIRCUIT BREAKER PANEL - 200A SERVICE
- 400 AMP — CIRCUIT BREAKER PANEL - 400A SERVICE
- TRANS — AUTOMATIC TRANSFORMER SWITCH BOX

ELECTRICAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES AND REGULATIONS . AT THE TIME OF PERMIT APPLICATION, THE PERMIT APPLICANT SHALL STATE WHICH CODE WILL BE FOLLOWED.

2. THE INTENT OF THESE DRAWINGS IS SCHEMATIC AND NATURE AND INTENDED ONLY TO PROVIDE DESIRED LOCATIONS FOR LIGHTING, COMMUNICATIONS, AND POWER. ALL ADDITIONAL ITEMS REQUIRED BY CODE SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

3. ALL SUBSTITUTION REQUEST SHALL BE MADE IN WRITING, NO LATER THAN 15 DAY AFTER START OF CONSTRUCTION.

4. SUB CONTRACTOR SHALL CREDIT OWNER ALL COST SAVINGS FROM APPROVED SUBSTITUTIONS SUBMITTED AFTER BID.

5. ANY WORK NOT REQUIRED BY CODE SHALL NOT BE PERFORMED UNLESS APPROVED BY THE ARCHITECT, NINA CUCCIO PECK ANY QUESTIONS REGARDING WORK TO BE PERFORMED SHALL BE DIRECTED TO THE ARCHITECT. NINA CUCCIO PECK

6. SUB CONTRACTOR TO INCLUDE WIRING OF ALL HVAC EQUIPMENT, AND BUILT IN APPLIANCES IN CONTRACT BID.

7. ALL LIGHT FIXTURES IN HABITABLE SPACES SHALL HAVE DIMMER SWITCHES EXCEPT WHERE PROHIBITED BY CODE.

8. ALL UTILITY, CRAWL & ATTIC SPACES SHALL HAVE TIMER SETTINGS.

9. ALL EXTERIOR LIGHTS SHALL BE ON MOTION SENSORS. ALL EXTERIOR SPOT LIGHTS SHALL BE SWITCHED BACK TO DOORS D4, D5 & D6

10. WORKING SPACE AND CLEARANCES. SUFFICIENT ACCESS AND WORKING SPACE SHALL BE PROVIDED AND MAINTAINED AROUND ALL ELECTRICAL AND MECHANICAL EQUIPMENT TO PERMIT READY AND SAFE OPERATION AND MAINTENANCE OF SUCH EQUIPMENT IN ACCORDANCE WITH THE CURRENT BUILDING CODE. THE DIMENSION OF THE WORKING SPACE IN THE DIRECTION OF ACCESS TO PANELBOARDS SHALL NOT BE NOT LESS THAN 36" IN DEPTH, WITH A MIN. HEAD HEIGHT OF 78".

11. SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE

12. ALL WIRING METHODS SHALL BE IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE

13. ALL REQUIRED LIGHTING AND RECEPTACLES SHALL BE IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE

14. ALL GFCI AND AFCI OUTLETS SHALL BE INSTALLED IN ACCORDANCE WITH IRC 2009, SECTION E3902. ALL IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE. ALL FIRST FLOOR OUTLETS SHALL BE GFCI, MOUNTED 42" A.F.F.

15. ALL 120V 15A & 20A RECEPTACLES SHALL BE LISTED AS TAMPER-RESISTANT

16. ALL CLOSET AND STORAGE AREA LUMINAIRS SHALL BE INSTALLED IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE . 12" MIN. CLEARANCE TO ALL INCANDESCENT FIXTURES. 6" MIN. CLEARANCE FROM ALL LED & FLUORESCENT UNLESS LISTED OTHERWISE.

17. ALL REQUIRED EMERGENCY LIGHTING AND EXIT SIGNS (NOTE SHOWN) SHALL BE COORDINATED WITH THE LOCAL FIRE MARSHALL. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID.

18. CONTRACTOR TO ASSUME (2) 15 GALLON ELECTRIC HOT WATER HEATERS TO BE WIRE FOR BATHROOM SINKS.

19. PROVIDE 4 EXTERIOR OUTLETS IN BID, EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.

20. ALL STAIRS WAYS AND BATHROOMS SHALL HAVE MOTION ACTIVATED S SENSORS

TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

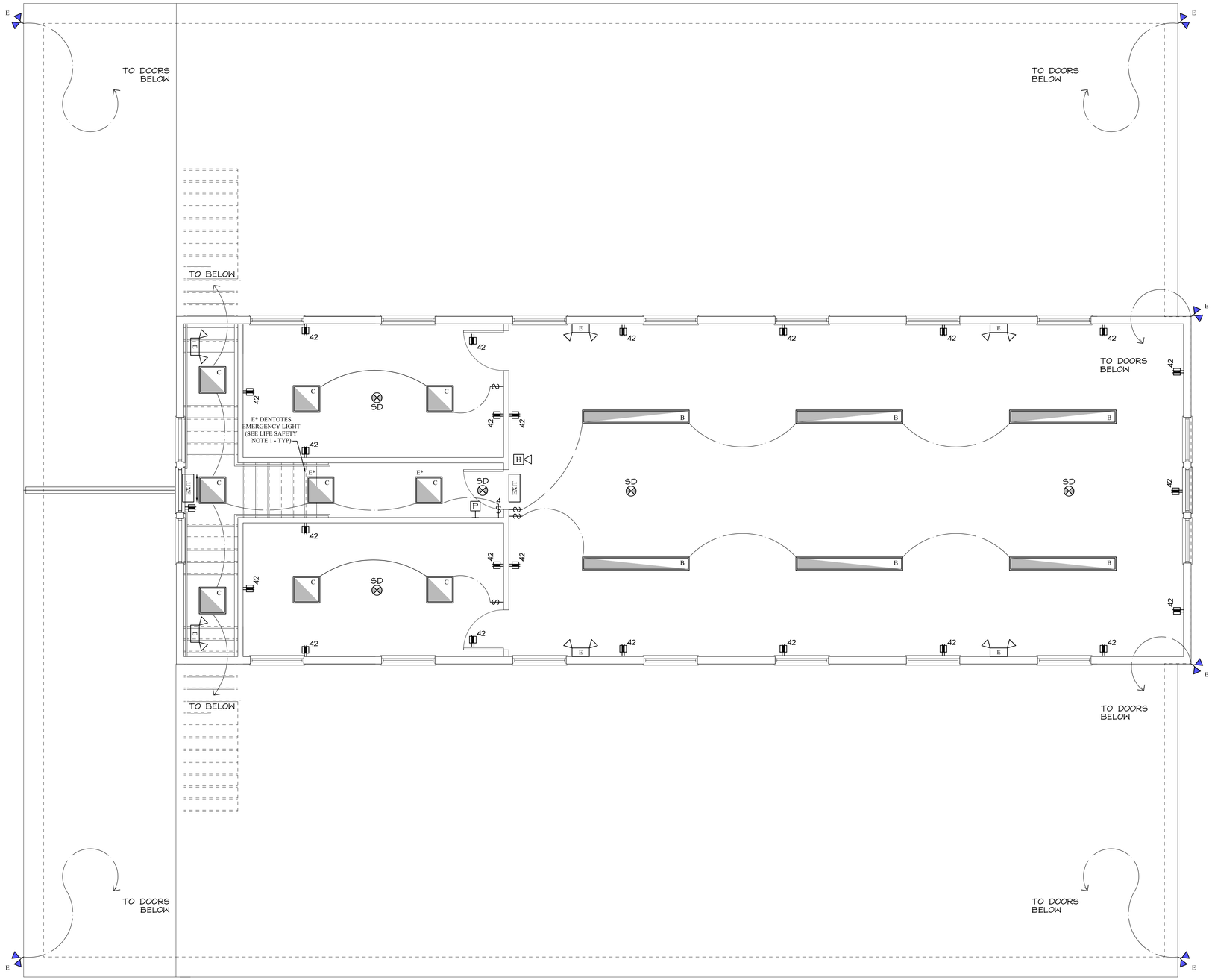
PROPOSED 1ST FLOOR ELECTRICAL PLAN

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

SCALE: AS NOTED	BID SET DATE: OCTOBER 27, 2014
DRAWING RELEASE DATE: 10.27.14	CONTRACT SET DATE: (REVISION SET DATES ABOVE)

E2.1



PROPOSED SECOND FLOOR ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

E2.2
A2.3

LIFE SAFETY NOTES

1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE MEANT FOR THE ARCHITECTS INTENTION FOR LAYOUT ONLY. ACTUAL SIZES, QUANTITIES AND HEAD LOCATIONS TO BE AS REQUIRED BY CODE. REFER TO SPECIFICATIONS FOR MATERIALS, INSTALLATION AND SUBMITTALS.

2. CONTRACTOR SHALL PROVIDE STAMPED SHOP DRAWINGS AND CALCULATIONS BY FIRE PROTECTION ENGINEER TO BE SUBMITTED TO ARCHITECT AFTER FIRE MARSHALL AND OWNER'S INSURANCE COMPANY SIGN OFF, FOR APPROVAL INCLUDING FINAL DETERMINATION OF ALL QUANTITIES AND LOCATIONS

3. CONTRACTOR SHALL PROVIDE STAMPED AS BUILT DRAWINGS BY FIRE PROTECTION ENGINEER TO BE SUBMITTED TO ARCHITECT FOR FIRE DEPARTMENT AND OWNER'S INSURANCE COMPANY FOR FINAL APPROVAL

4. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING & PAYING FOR OF ALL PERMITS AND FEES AS REQUIRED BY ALL GOVERNING CODES AND REGULATION.

5. CONTRACTOR TO COORDINATE ALL ELECTRICAL REQUIREMENTS WITH ELECTRICIAN PRIOR TO THE PLACEMENT OF ANY MATERIAL AND EQUIPMENT ORDERS.

LIFE SAFETY LEGEND

- ANN — ANNUNCIATOR PANEL WITH DRILL SWITCH
- SD — PHOTOELECTRIC SMOKE DETECTOR W/BATTERY BACKUP, HARD WIRED & CENTRALLY MONITORED
- CO — CARBON MONOXIDE DETECTOR; HARDWIRED, CENTRALLY MONITORED
- EXIT — ILLUMINATED EXIT SIGN W/INTEGRAL NICKEL CADMIUM BATTERY, ARROW FOR DIRECTION) (SEE 2 BELOW)
- E — TWIN EMERGENCY LIGHT W/INTEGRAL NICKEL CADMIUM BATTERY (SEE 3 BELOW)
- H — HEAT DETECTOR
- S — STROBE
- H — HORN & STROBE
- B — RED BEACON
- P — PULL STATION

LIFE SAFETY FIXTURES

1. TYPICAL FIXTURES
ALL REQUIRED INTERGRAL / REMOTE EMERGENCY BATTERIES AND CHARGERS SHALL BE NICKEL CADIUM SELF DIAGNOSTICS TYPE, AND CIRCUITED FOR TWO LAMP OPERATION (WHERE FIXTURE HAS TWO OR MORE LAMPS) - CIRCUIT FIXTURE WITH TWO POWER FEEDS. (1) SWITCHED AMD 91) NON-SWITCHED (FOR CONSTANT BATTERY CHARGING)

2. UNIVERSAL EMERGENCY EXIT SIGN
MANUF: LITHONIA LIGHTING
MODEL: #LQM-S-W-3-R-120 / 277-ELN-SD
VOLTAGE: 120 / 277V
LAMP: LED / RED
BALLAST: SELF DIAGNOSTICS
REMARKS: INTEGRAL NICKEL CADMIUM BATTERY AND CHARGER. CIRCUIT TO NON-SWITCHED SIDE OF LOCAL LIGHT CIRCUIT

3. EMERGENCY TWIN HEAD LIGHTING MANUF:
LITHONIA LIGHTING
MODEL: #ELM618-SD-N
VOLTAGE: 120 / 277V INPUT, 6W OUTPUT.
LAMP: (2) 9W, 6V KRYPTON
BALLAST: SELF DIAGNOSTICS
REMARKS: INTEGRAL NICKEL CADMIUM BATTERY AND CHARGER. CIRCUIT TO NON-SWITCHED SIDE OF LOCAL LIGHT CIRCUIT

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TITLE: NEW CONSTRUCTION

HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD
OLD LYME, CT 06371

PROPOSED 2ND FLOOR ELECTRICAL PLAN

HPB-BIDSET-A2-0-102414.DWG

NINA CUCCIO PECK
ARCHITECTURE & INTERIORS
9 HALLS ROAD PO BOX 841 OLD LYME, CONNECTICUT 06371

SCALE:	BID SET DATE:
AS NOTED	OCTOBER 27, 2014
DRAWING RELEASE DATE:	CONTRACT SET DATE:
10.27.14	(REVISION SET DATES ABOVE)

E2.2