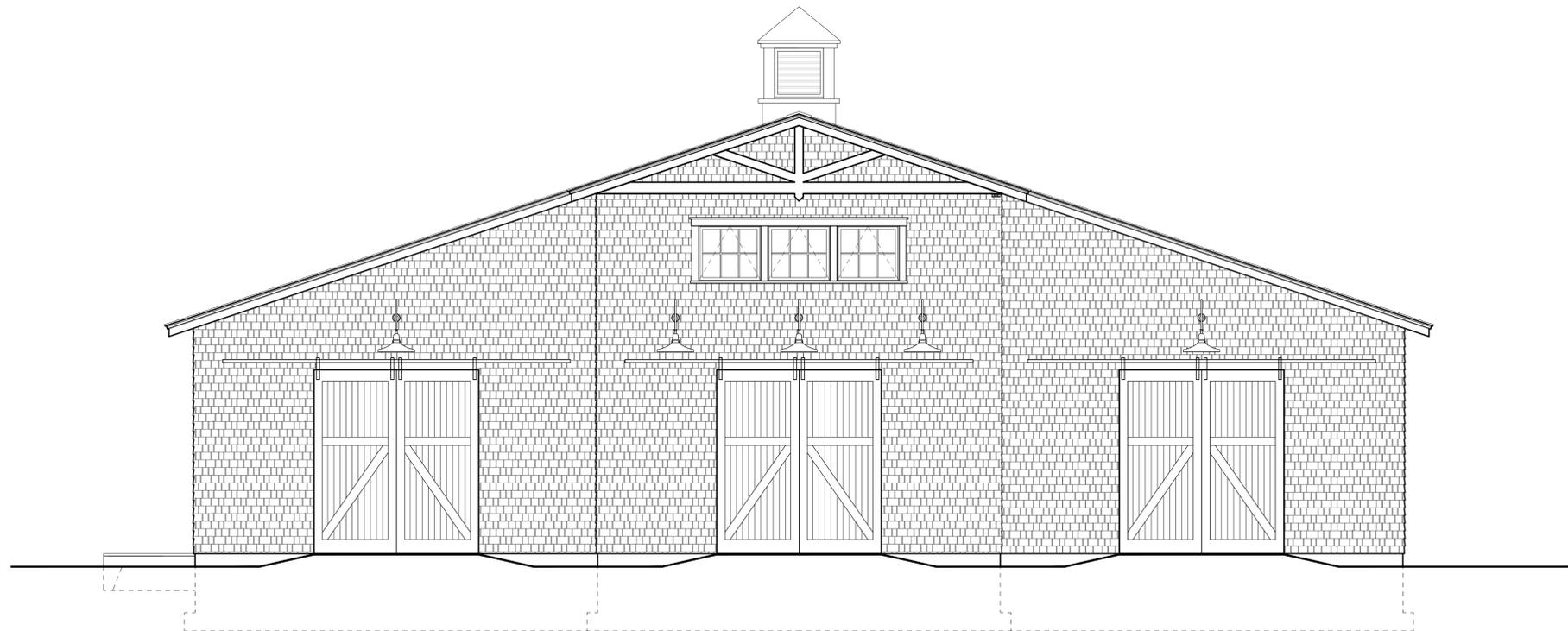


# HAINS PARK BOATHOUSE AT ROGERS LAKE

166 BOSTON POST ROAD, OLD LYME, CT 06371

*Construction Documents ~ Issued 1 June, 2016*



NORTH (ROGERS LAKE) ELEVATION

## LIST OF DRAWINGS

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EC-101 - EXISTING CONDITIONS PLAN

C-100 - EROSION AND SEDIMENT CONTROL PLAN

C-200 - SITE PLAN

C-300 - DETAILS

C-301 - DETAILS

C-302 - DETAILS

### ARCHITECTURAL DRAWINGS

A1.0 - ABBREVIATIONS, SYMBOLS, LEGENDS  
& WALL TYPE SCHEDULE

A1.0 - CODE ANALYSIS AND EGRESS PLAN

A2.0 - FOUNDATION PLAN

A2.1 - FLOOR PLAN

A2.2 - ROOF PLAN

A3.0 - NORTH & EAST EXTERIOR ELEVATIONS

A3.1 - SOUTH & WEST EXTERIOR ELEVATIONS

A4.0 - BUILDING CROSS SECTIONS "AA" & "BB"

A5.0 - TYPICAL DETAILS

A5.1 - TYPICAL DETAILS

A6.0 - WINDOW & DOOR SCHEDULES & NOTES

### STRUCTURAL DRAWINGS

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S2.1 - STRUCTURAL FRAMING PLAN & SHEAR WALL SCHEDULE

### ELECTRICAL DRAWINGS

E2.1 - ELECTRICAL / LIGHTING PLAN, NOTES, LEGEND & SCHEDULE

TITLE: NEW CONSTRUCTION  
HAINS PARK BOATHOUSE  
AT ROGERS LAKE

166 BOSTON POST ROAD  
OLD LYME, CT 06371

TITLE / COVER SHEET

HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

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

SCALE:  
AS NOTED

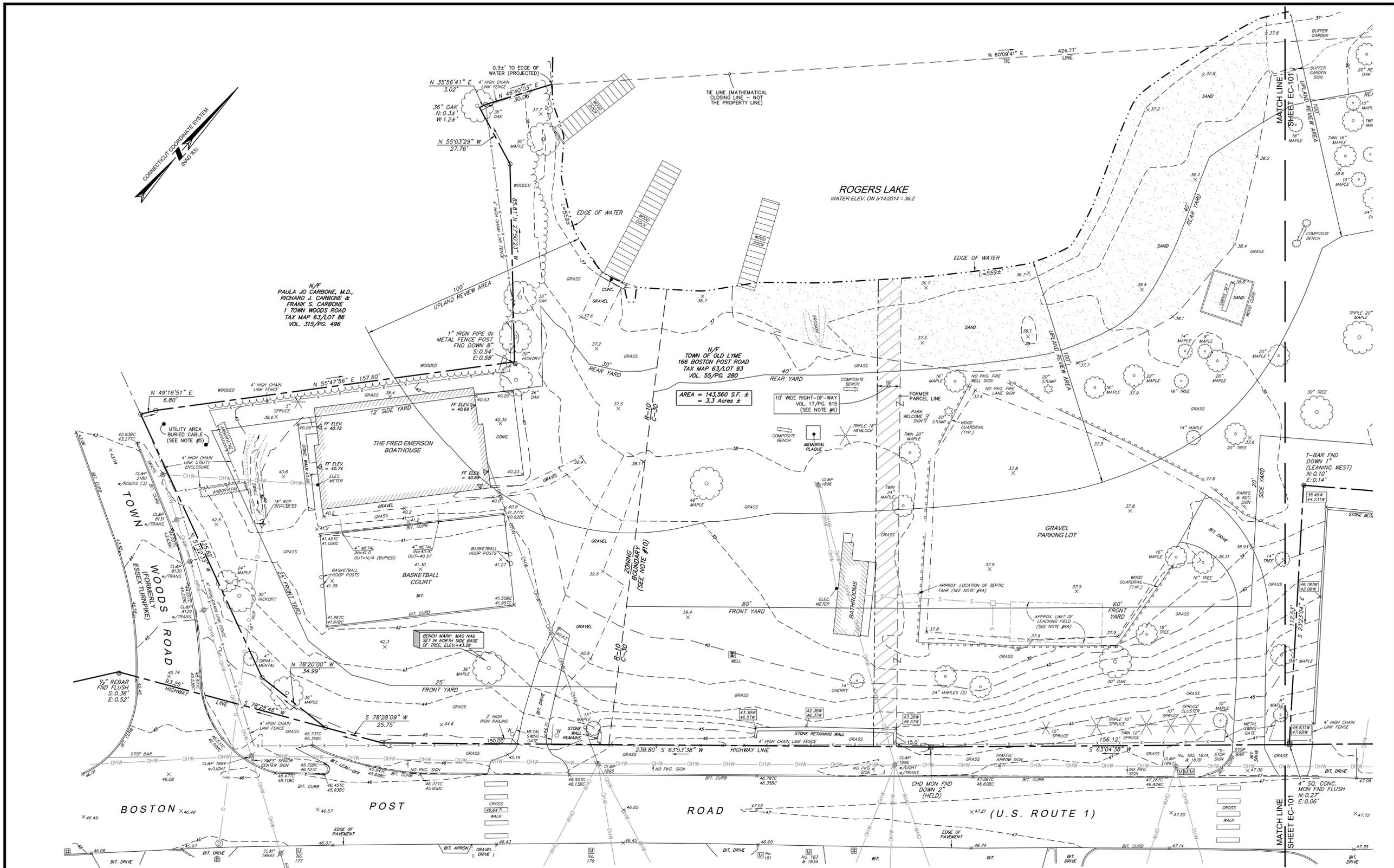
BID SET DATE:  
JUNE 01, 2016

DRAWING RELEASE DATE:  
06.01.16

CONTRACT SET DATE:  
(REVISION SET DATES ABOVE)

T1.0





N/F  
PAULA JO CARBONE, M.D.,  
RICHARD J. CARBONE &  
FRANK S. CARBONE  
1 TOWN WOODS ROAD  
TAX MAP 63/LOT 88  
VOL. 315/PG. 496

N/F  
TOWN OF OLD LYME  
166 BOSTON POST ROAD  
TAX MAP 63/LOT 93  
VOL. 55/PG. 280

AREA = 143,560 S.F. ±  
= 3.3 Acres ±

ROGERS LAKE  
WATER ELEV. ON 5/14/2014 = 36.2

REPRODUCTIONS OF THIS PLAN ARE  
INVALID UNLESS THEY BEAR THE EMBOSSED  
SEAL OF THE UNDERSIGNED PROFESSIONAL.

KENNETH J. COOPER, LS No.70047

**BOATHOUSE/HAINS  
PARK IMPROVEMENTS**

166 BOSTON POST ROAD  
IN  
OLD LYME  
CONNECTICUT  
EXISTING CONDITIONS  
PLAN

JUNE 1, 2016

REVISIONS:

| NO. | DATE | DESC. |
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PREPARED FOR:  
TOWN OF OLD LYME  
52 LYME STREET  
OLD LYME, CT 06371

NINA CUCCIO PECK  
ARCHITECTURE & INTERIORS

**BSC GROUP**  
300 Winding Brook Drive  
Glastonbury, Connecticut 06033  
860 652 8227

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SCALE: 1" = 20'  
0 10 20 40 FEET

FILE: P:\8356601\SURVEY\DRAWINGS  
DWG. NO.:  
JOB. NO.: 83566.00 **EC-100**

**SURVEYOR'S NOTES:**

- THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
- TYPE OF SURVEY: PROPERTY SURVEY  
BOUNDARY DETERMINATION CATEGORY: DEPENDENT RESURVEY  
CLASS OF HORIZONTAL ACCURACY: CLASS A-2  
CLASS OF TOPOGRAPHIC ACCURACY: CLASS T-2  
THE INTENT OF THIS SURVEY AND MAP: TO SUPPORT THE DESIGN OF SITE IMPROVEMENTS.
- THE FIELD SURVEY WAS PERFORMED ON THE GROUND WITH AN EDM TOTAL STATION BY THE BSC GROUP IN MAY OF 2014. THE CONTOUR INTERVAL SHOWN IS 1-FOOT.
- THE REFERENCE MERIDIAN (NORTH ARROW) SHOWN IS BASED UPON THE NORTH AMERICAN DATUM OF 1983 (NAD '83) AS DETERMINED FROM GLOBAL POSITIONING SYSTEM (GPS) OBSERVATIONS. THE VERTICAL DATUM UTILIZED IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) AS DETERMINED FROM GPS OBSERVATIONS.
- EXISTING UTILITIES, WHERE DEPICTED HEREON, ARE APPROXIMATE. NO GUARANTEE IS IMPLIED OR INTENDED AS TO THE ACCURACY, LOCATION, OR THAT ALL UTILITIES AND/OR SUBSURFACE STRUCTURES ARE SHOWN. CONSULT WITH THE APPROPRIATE UTILITY COMPANY OR AGENCY PRIOR TO DESIGNING IMPROVEMENTS AND COMMENCING DEMOLITION OR CONSTRUCTION. "CALL BEFORE YOU DIG" 1-800-922-4455.
- A) UNDERGROUND SEWAGE DISPOSAL SYSTEM FEATURES DEPICTED HEREON ARE BASED UPON RECORD INFORMATION PROVIDED TO THE BSC GROUP BY THE TOWN OF OLD LYME HEALTH DEPARTMENT.

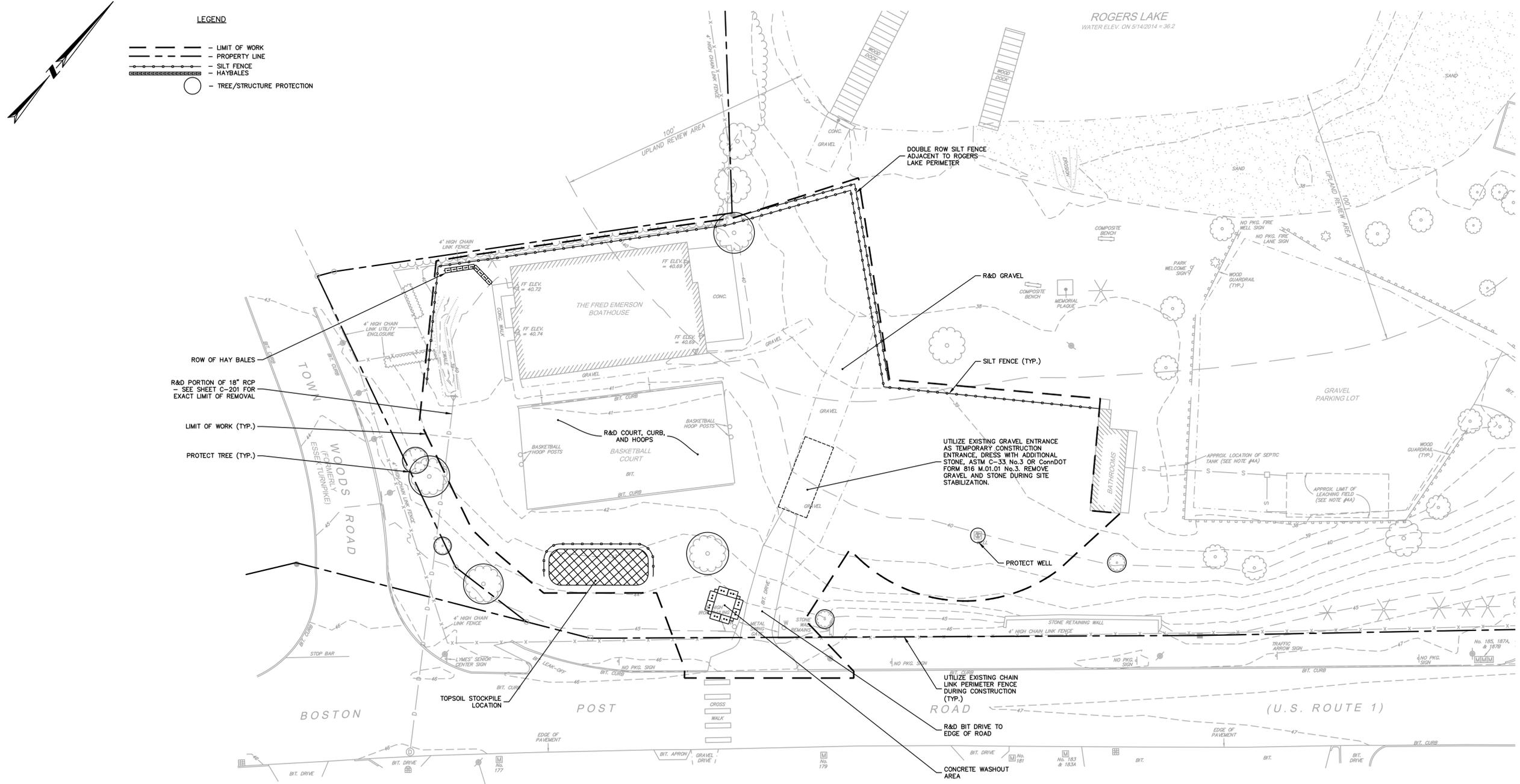
- EQUIPMENT OWNED AND OPERATED BY AT&T IS LOCATED WITHIN THE AREA INDICATED. NO INSTRUMENT INDICATING THIS APPARENT ENCUMBRANCE WAS RECOVERED IN THE COURSE OF THE LAND RECORD RESEARCH.
- THE 10' WIDE RIGHT-OF-WAY (ROW) INDICATED IS APPURTENANT TO LAND NOW OR FORMERLY OF JOHN H. QUINLAN LOCATED ON THE SOUTHERLY SIDE OF BOSTON POST ROAD AS DESCRIBED IN A DEED FILED AT VOLUME 17, PAGE 615 OF THE TOWN OF OLD LYME LAND RECORDS. SAID ROW EXTENDS FROM BOSTON POST ROAD TO ROGERS LAKE AND INCLUDES "ONE BOAT PRIVILEGE" ON THE LAKE. THE ROW IS SUBJECT TO BE EXTINGUISHED UPON PAYMENT OF \$300 TO THE OWNER OF THE APPURTENANT PROPERTY. THE CURRENT STATUS OF THE ROW IS UNCERTAIN AT THE TIME OF THIS SURVEY.
- THE SUBJECT PROPERTY IS SUBJECT TO A ROW IN FAVOR OF LAND NOW OR FORMERLY OF BARBARA K. BUDGE AS DESCRIBED IN A DEED FILED AT VOLUME 34, PAGE 104 OF THE TOWN OF OLD LYME LAND RECORDS. NO MONUMENTATION FOR SAID ROW WAS RECOVERED IN THE COURSE OF THE FIELD SURVEY; ROW LINES DEPICTED HEREON ARE SCALED FROM MAP REFERENCE #4.
- THE SUBJECT PROPERTY IS SUBJECT TO A RIGHT TO PASS AND RE-PASS IN FAVOR OF LAND NOW OR FORMERLY OF 180 BPR, LLC OVER LAND FORMERLY OF MINNIE A. GREENE FROM BOSTON POST ROAD TO ROGERS LAKE.
- THE SUBJECT PROPERTY IS SUBJECT TO AN EASEMENT IN FAVOR OF THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY AS DESCRIBED IN A DEED FILED IN THE TOWN OF OLD LYME LAND RECORDS AT VOLUME 53, PAGE 239.
- THE ZONING BOUNDARY DEPICTED HEREON IS SCALED FROM TOWN OF OLD LYME G.I.S. MAPPING.

**MAP REFERENCES:**

- "MAP SHOWING A PORTION OF THE PROPERTY OF TOWN OF OLD LYME, OLD LYME, CONNECTICUT, SCALE 1 INCH = 20 FEET, DATE APRIL 18, 1988" HENDRICKS ASSOCIATE, PROVIDED TO THE BSC GROUP BY THE TOWN OF OLD LYME
- "HAINS PARK, TOWN OF OLD LYME, CONNECTICUT, SCALE 1"=30', APRIL, 1958", GEORGE T. DOUGLASS, ON FILE IN THE TOWN OF OLD LYME LAND RECORDS AS MAP #78
- "SUB-DIVISION OF PROPERTY ON BOSTON POST ROAD, OLD LYME, CONN., FOR GERALDINE MCCOY LAVIANA, SCALE 1"=40', JULY 1948", ERNEST L. DESHEFY, L.S., ON FILE IN THE TOWN OF OLD LYME LAND RECORDS AS MAP #58
- "PLAN OF WECKLER PROPERTY, ROGER'S LAKE, SHOWING RIGHT OF WAY, SEPT 1936, SCALE 1"=40'", HOLMES, P.E., L.S., ON FILE IN THE TOWN OF OLD LYME LAND RECORDS AS MAP #196
- "CONNECTICUT STATE HIGHWAY DEPARTMENT, RIGHT OF WAY MAP, TOWN OF OLD LYME, BOSTON POST ROAD FROM NEAR THE ESSEX TURNPIKE EASTERLY ABOUT 5,100 FEET ROUTE U.S. 1, SCALE 1"=40"', SHEET NO. 1 OF 2, NUMBER 852, DATE FEB 28-1930", JOHN A. McDONALD, STATE HIGHWAY COMMISSIONER

**LEGEND:**

|   |                              |        |                            |     |                        |
|---|------------------------------|--------|----------------------------|-----|------------------------|
| ● | MONUMENT FOUND               | ○      | SHRUB                      | —   | SWALE                  |
| ○ | IRON PIPE/REBAR FOUND        | ○      | TREE STUMP                 | —   | SAND                   |
| ○ | PROPERTY CORNER (CALCULATED) | CONC.  | CONCRETE                   | --- | PROPERTY LINE          |
| ○ | EASEMENT CORNER (CALCULATED) | BIT.   | BITUMINOUS CONCRETE        | --- | ABUTTING PROPERTY LINE |
| ⊕ | DRAIN MANHOLE                | (R)    | RECORD INFORMATION         | --- | EASEMENT LINE          |
| ⊕ | CATCH BASIN                  | ∞ INV. | PIPE INVERT ELEVATION      | --- | CHAIN LINK FENCE       |
| ⊕ | UTILITY POLE                 | ---    | MAJOR CONTOUR              | --- | STOCKADE/BOARD FENCE   |
| ⊕ | GUY ANCHOR                   | ---    | MINOR CONTOUR              | --- | POST AND WIRE FENCE    |
| ⊕ | MAIL BOX                     | ---    | SPOT ELEVATION             | --- | PICKET FENCE           |
| ⊕ | WOOD POST                    | ---    | BRUSHLINE                  | --- | WOOD GUARDRAIL         |
| ⊕ | SIGN                         | ---    | TREELINE                   | --- | SANITARY LINE          |
| ⊕ | DOUBLE POST SIGN             | ---    | HEDGE LINE                 | --- | DRAIN LINE             |
| ⊕ | DECIDUOUS TREE               | ---    | EDGE OF WATER              | --- | OVERHEAD WIRES         |
| ⊕ | CONIFEROUS TREE              | ---    | EDGE OF GRAVEL             | --- |                        |
|   |                              | ---    | EDGE OF GRASS/PLANTED AREA | --- |                        |



REPRODUCTIONS OF THIS PLAN ARE INVALID UNLESS THEY BEAR THE EMBOSSED SEAL OF THE UNDERSIGNED PROFESSIONAL.



WILLIAM G. WALTER, PE No.23146

**BOATHOUSE/HAINS PARK IMPROVEMENTS**

166 BOSTON POST ROAD  
IN  
OLD LYME CONNECTICUT

**EROSION & SEDIMENTATION CONTROL PLAN**

JUNE 1, 2016

REVISIONS:

| NO. | DATE | DESC. |
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PREPARED FOR:  
TOWN OF OLD LYME  
52 LYME STREET  
OLD LYME, CT 06371



**BSC GROUP**  
300 Winding Brook Drive  
Glastonbury, Connecticut 06033  
860 652 8227

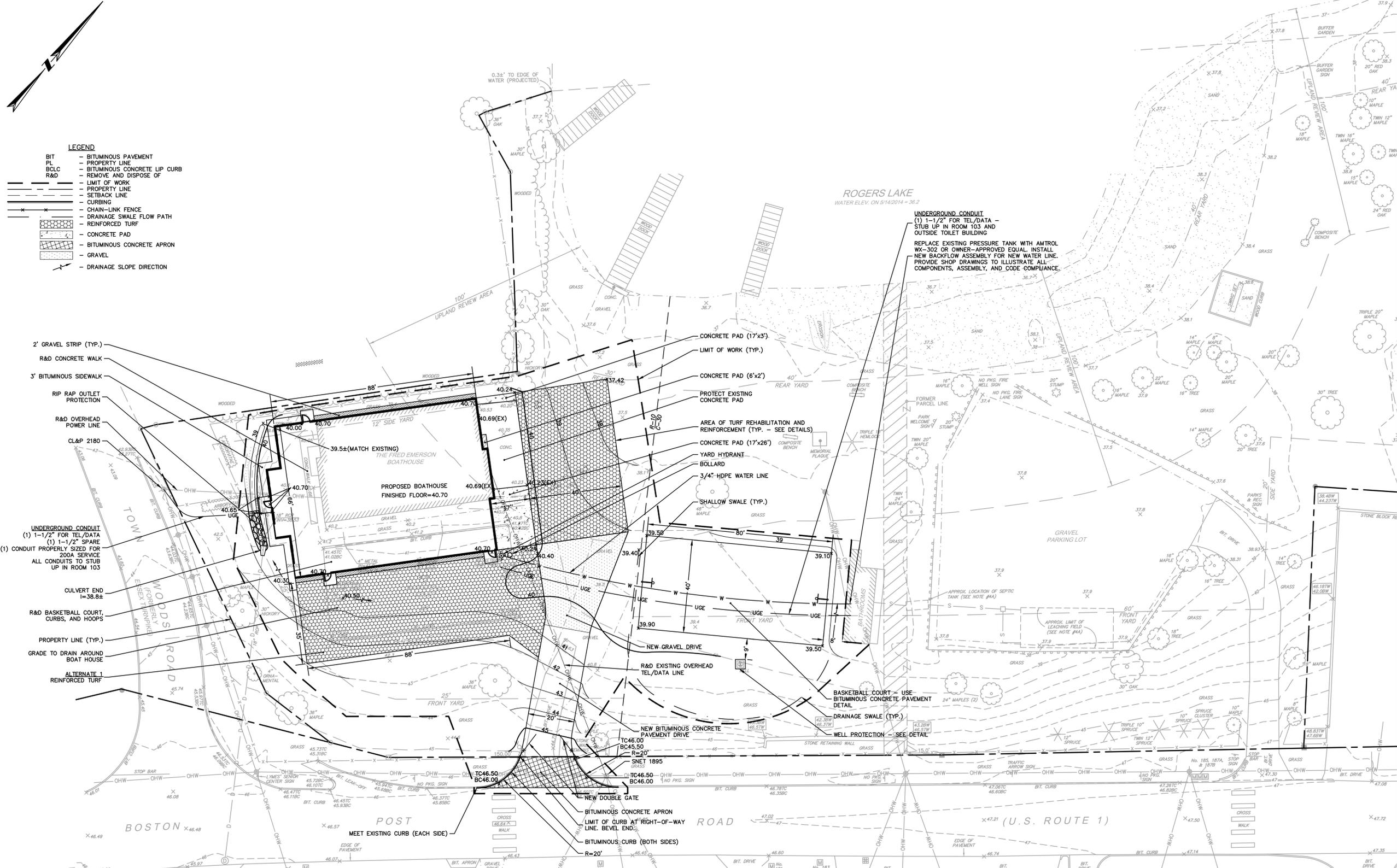
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SCALE: 1" = 20'

**ISSUED FOR BID**

- EROSION AND SEDIMENT CONTROL NOTES**
- CONSTRUCTION EROSION SEDIMENTATION CONTROL MEASURES SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL."
  - ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL (E&S) MEASURES SHOWN ON THIS PLAN ARE SHOWN IN A GENERAL SIZE AND LOCATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO THE RESOURCE AREAS AND PROPERTIES ADJACENT TO THE CONSTRUCTION SITE. ACTUAL SITE CONDITIONS OR SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR CONFIGURATIONS AS DIRECTED BY THE ENGINEER AND/OR THE TOWN AGENT.
  - WEEKLY AND POST-RAIN (RAINFALL GENERATING A DISCHARGE) INSPECTION SHALL BE CONDUCTED ON ALL E&S MEASURES BY THE CONTRACTOR.
  - AFTER EROSION AND SEDIMENTATION CONTROLS ARE IN PLACE, THE CONTRACTOR MAY STRIP SOILS AS REQUIRED. ALL STOCKPILED MATERIAL SHALL BE SUBJECT TO EROSION CONTROL DEVICES THAT SHALL INCLUDE A MINIMUM OF SILT FENCE AND STOCKPILE COVERS. OTHER METHODS MAY INCLUDE MULCHING OR OTHER METHODS THAT PREVENT EROSION CONDITIONS.
  - PROVIDE TEMPORARY SEEDING IN ALL EXPOSED SOIL AREAS WHERE WORK WILL BE SUSPENDED FOR LONGER THAN 30 DAYS. APPLY SEED AND MULCH WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK. WHEN SEEDING IS NOT POSSIBLE DUE TO SEASONAL WEATHER CONDITIONS OR OTHER FACTORS, PROVIDE TEMPORARY STRUCTURAL SOIL PROTECTION SUCH AS MULCH, WOODCHIPS, EROSION CONTROL MATTING, OR COMPOST.
  - DURING THE COURSE OF CONSTRUCTION, NO RUNOFF SHALL BE ALLOWED TO EXIT THE SITE PRIOR TO TREATMENT FOR SEDIMENT REMOVAL.
  - ALL TEMPORARY SLOPES IN EXCESS OF 3(HOR) TO 1 (VERT) SHALL BE STABILIZED WITH JUTE MATTING, OR APPROVED EQUIVALENT.
  - THE CONSTRUCTION SITE SHALL BE CLEAN, WITHOUT ANY ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS. PROPER SANITARY DEVICES SHALL BE MAINTAINED ON-SITE AT ALL TIMES. ALL NECESSARY PRECAUTIONS SHALL BE OBSERVED TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS ON THE CONSTRUCTION SITE, AS WELL AS THE ADHERENCE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION AND RESPONSE.
  - CONSTRUCTION ENTRANCE(S) TO BE LOCATED AS SHOWN ON THE PLANS, OR AS FIELD DIRECTED BY THE ENGINEER OR TOWN.
  - THE CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO SWEEP ADJACENT ROADWAY AREAS IF MUD OR SOIL IS TRACKED ON TO THEM, OR AS DIRECTED BY THE TOWN.
  - ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
  - DEWATERING SETTLING BASINS (SEE DETAIL) SHALL BE USED IF GROUND WATER IS ENCOUNTERED.
  - IF ENVIRONMENTAL CONDITIONS REQUIRE DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER TO KEEP THOSE SURFACES DAMP.
  - THIS PLAN IS INTENDED TO BE USED IN CONJUNCTION WITH SPECIFICATION SECTION 01 1401 - "PRESERVATION AND RESTORATION" AND SECTION 01 5713 - "TEMPORARY EROSION AND SEDIMENTATION CONTROLS."

- SUGGESTED CONSTRUCTION SEQUENCE**
- CONDUCT A PRE-CONSTRUCTION MEETING WITH THE TOWN PRIOR TO ANY CONSTRUCTION ACTIVITY.
  - INSTALL CONSTRUCTION ENTRANCE.
  - INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION FENCING (SEE DETAIL).
  - STRIP ALL TOPSOIL WITHIN THE CONSTRUCTION LIMITS. STOCKPILE ALL TOPSOIL IN AN APPROVED AREA AND SECURE WITH EROSION AND SEDIMENT CONTROLS.
  - SAWCUT, DEMOLISH, AND REMOVE COURT, BOATHOUSE, AND ASSOCIATED SITE APPURTENANCES AS INDICATED ON THIS PLAN.
  - INSTALL NEW WATER PIPE AND HYDRANT.
  - EXCAVATE TO ROUGH GRADE AREAS ASSOCIATED WITH THE NEW BOATHOUSE, BASKETBALL COURT, ENTRANCE DRIVE.
  - CONSTRUCT BOATHOUSE.
  - PREPARE SUBGRADE FOR CONCRETE PAD, REINFORCED TURF AREAS, AND BITUMINOUS PAVEMENT.
  - PREPARE SUB-BASE, SLOPES, AND ANY OTHER AREAS OF DISTURBANCE FOR FINAL GRADING.
  - PLACE, GRADE AND COMPACT THE PROCESSED AGGREGATE BASE FOR THE CONCRETE PAD, BASKETBALL COURT, AND ENTRANCE DRIVE.
  - TOPSOIL AND GRADE IN ALL SLOPE AREAS TO WITHIN TWO (2) FEET OF THE PROPOSED CURB/EDGE OF PAVEMENT.
  - INSTALL CONCRETE PAD AND BASKETBALL COURT.
  - INSTALL FIRST COURSE OF BITUMINOUS CONCRETE.
  - INSTALL TURF REINFORCEMENT IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
  - CONSTRUCT OTHER SITE IMPROVEMENTS.
  - INSTALL THE FINAL COURSE OF BITUMINOUS CONCRETE PAVEMENT.
  - AFTER SITE IS STABILIZED IN ACCORDANCE WITH THE APPLICABLE E&S MEASURES, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS.

NOTE: THE CONTRACTOR MAY MODIFY THE SUGGESTED CONSTRUCTION SEQUENCE SHOWN ABOVE, PROVIDED A REVISED SEQUENCE IS SUBMITTED FOR REVIEW AND APPROVED BY THE ENGINEER AND/OR TOWN.



- LEGEND**
- BIT - BITUMINOUS PAVEMENT
  - PL - PROPERTY LINE
  - BCLO - BITUMINOUS CONCRETE LIP CURB
  - R&D - REMOVE AND DISPOSE OF
  - - LIMIT OF WORK
  - - PROPERTY LINE
  - - SETBACK LINE
  - - CURBING
  - - CHAIN-LINK FENCE
  - - DRAINAGE SWALE FLOW PATH
  - - REINFORCED TURF
  - - CONCRETE PAD
  - - BITUMINOUS CONCRETE APRON
  - - GRAVEL
  - - DRAINAGE SLOPE DIRECTION

- 2' GRAVEL STRIP (TYP.)
- R&D CONCRETE WALK
- 3' BITUMINOUS SIDEWALK
- RIP RAP OUTLET PROTECTION
- R&D OVERHEAD POWER LINE
- CL&P 2180
- UNDERGROUND CONDUIT (1) 1-1/2" FOR TEL/DATA (1) 1-1/2" SPARE (1) CONDUIT PROPERLY SIZED FOR 200A SERVICE ALL CONDUITS TO STUB UP IN ROOM 103
- CULVERT END = 38.8±
- R&D BASKETBALL COURT, CURBS, AND HOOPS
- PROPERTY LINE (TYP.)
- GRADE TO DRAIN AROUND BOAT HOUSE
- ALTERNATE 1 REINFORCED TURF

- NOTES:**
1. CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AND VERIFY UTILITY MARK-OUT PRIOR TO THE INITIATION OF ANY SITE DISTURBANCE.
  2. IMPLEMENTING WORKER SAFETY AND/OR HEALTH PROTOCOLS THAT ADDRESS COMPLIANCE WITH RULES, LAWS, AND REGULATIONS PERTAINING TO CONSTRUCTION SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
  3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND NATURE OF ALL SUBSURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION AND INVERTS AS REQUIRED.
  4. THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS.
  5. THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL.

6. AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK, NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
7. UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL BE RESTORED WITH FOUR (4) INCHES OF LOAM, SEEDED, FERTILIZED, AND MULCHED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED.
8. THE CONTRACTOR SHALL VERIFY ALL ITEMS TO BE REMOVED AND TO REMAIN BEFORE COMMENCING ANY WORK.
9. ALL SITE IMPROVEMENTS WHICH ARE TO REMAIN SHALL BE PROTECTED FROM DAMAGE. ANY DAMAGE TO EXISTING SITE ELEMENTS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
10. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE INSIDE AND OUTSIDE THE LIMIT OF WORK. CONTRACTOR SHALL RESTORE DAMAGED AREAS INCLUDING VEGETATIVE AREAS TO REMAIN, INCLUDING THE REPLACEMENT OF DAMAGED TREES BASED ON THE LANDSCAPE ARCHITECT'S ASSESSMENT OF THE DAMAGE.

- CONTRACTOR SHALL REMOVE EXISTING ABOVE-GRADE FOUNDATION WALLS, AS REQUIRED TO BE ABLE TO CONSTRUCT THE PROPOSED SLAB AS DESIGNED BY THE ARCHITECT/STRUCTURAL ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND UNDERSTAND WHICH PORTIONS OF THE EXISTING SLAB/FOUNDATION WALLS NEED TO BE REMOVED, PRIOR TO SUBMITTING HIS BID.
11. BITUMINOUS PAVEMENT SHALL CONFORM WITH CONNDOT "CLASS 2" IN ACCORDANCE WITH CONNDOT STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 816, 2004, AS SUPPLEMENTED (SEE WWW.CT.GOV/DOT/CWP/VEW.ASP?A=1400&Q=434650).
  12. CURBING SHALL CONFORM WITH CONNDOT STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 816, 2004, BITUMINOUS CONCRETE LIP CURB: 8.15.
  13. CONCRETE SHALL BE IN ACCORDANCE WITH CONNDOT STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 816, 2004, 9.21, EXCEPT ALL CONCRETE SHALL BE "CLASS F".
  14. ALL SLOPES IN LAWN AREAS SHALL BE 3:(1):(V) MINIMUM, UNLESS OTHERWISE NOTED.
  15. CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT, WIRING, FITTINGS, CONTROLS, AND OTHER APPURTENANCES TO PROVIDE COMPLETE AND OPERATIONAL WATER SERVICE FROM THE BATHROOM BUILDING TO THE NEW YARD HYDRANT.

**UNDERGROUND CONDUIT**  
 (1) 1-1/2" FOR TEL/DATA - STUB UP IN ROOM 103 AND OUTSIDE TOILET BUILDING  
 REPLACE EXISTING PRESSURE TANK WITH AMTROL WX-302 OR OWNER-APPROVED EQUAL. INSTALL NEW BACKFLOW ASSEMBLY FOR NEW WATER LINE. PROVIDE SHOP DRAWINGS TO ILLUSTRATE ALL COMPONENTS, ASSEMBLY, AND CODE COMPLIANCE.

REPRODUCTIONS OF THIS PLAN ARE INVALID UNLESS THEY BEAR THE EMBOSSED SEAL OF THE UNDERSIGNED PROFESSIONAL.



WILLIAM G. WALTER, PE No.23146

**BOATHOUSE/HAINS PARK IMPROVEMENTS**

166 BOSTON POST ROAD  
 IN  
 OLD LYME CONNECTICUT  
 SITE PLAN

JUNE 1, 2016

REVISIONS:

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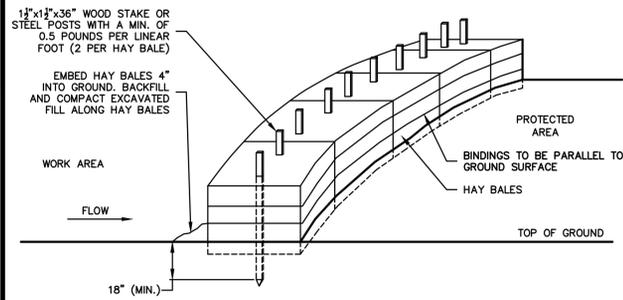
PREPARED FOR:  
 TOWN OF OLD LYME  
 52 LYME STREET  
 OLD LYME, CT 06371



**BSC GROUP**  
 300 Winding Brook Drive  
 Glastonbury, Connecticut 06033  
 860 652 8227

**ISSUED FOR BID**

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 FILE: 83566.00-SP  
 DWG. NO:  
 JOB. NO: 83566.00 **C-200**

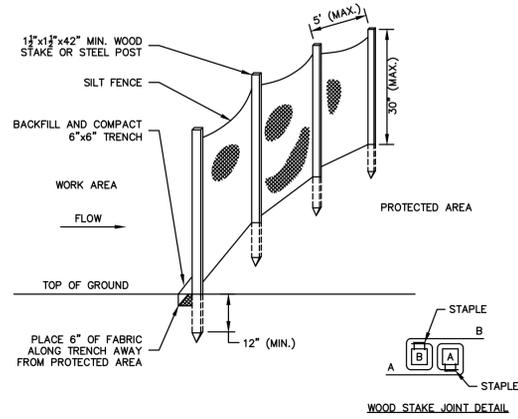


**GENERAL NOTES**

- HAY BALES SHALL BE MADE OF HAY OR STRAW WITH 40 POUND MIN. WEIGHT AND 120 POUND MAX. WEIGHT HELD TOGETHER BY TWINE OR WIRE.
- PLACE HAY BALES ON CONTOUR AND WING THE LAST HAY BALES UP SLOPE SO THAT THE TOP OF THE LAST SEVERAL HAY BALES ARE HIGHER THAN THE LINE OF HAY BALES.
- DRIVE FIRST STAKE IN EACH BALE TOWARD THE PREVIOUSLY LAID BALE TO FORCE THEM TOGETHER.
- PUT ONE HAY BALE PERPENDICULAR ALONG HAY BALE BARRIER EACH 100 FEET.

**HAY BALE BARRIER**

SCALE: NONE  
EC-106-CT

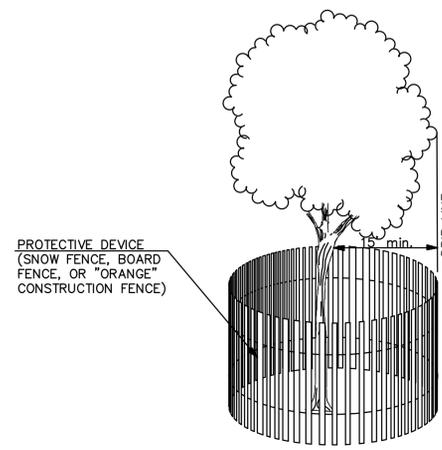


**GENERAL NOTES**

- FOR SLOPE & SWALE INSTALLATIONS, EXTEND FENCE UP SLOPE SUCH THAT BOTTOM ENDS OF FENCE WILL BE HIGHER THAN THE TOP OF THE LOWEST PORTION OF FENCE.
- FOR FENCE INSTALLED ON LEVEL TERRAIN INSTALL WING SECTIONS PERPENDICULAR TO MAIN BARRIER AT 50'-100' INTERVALS.

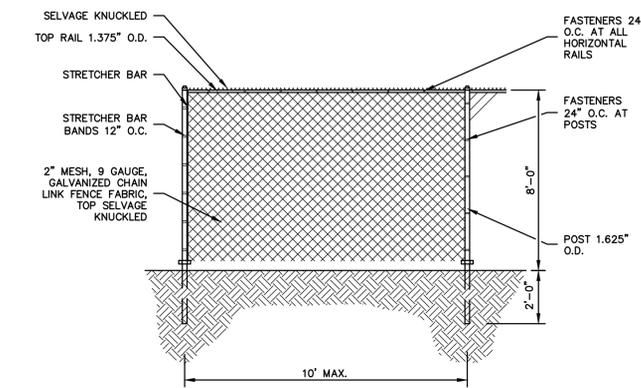
**SILT FENCE BARRIER**

SCALE: NONE  
EC-107



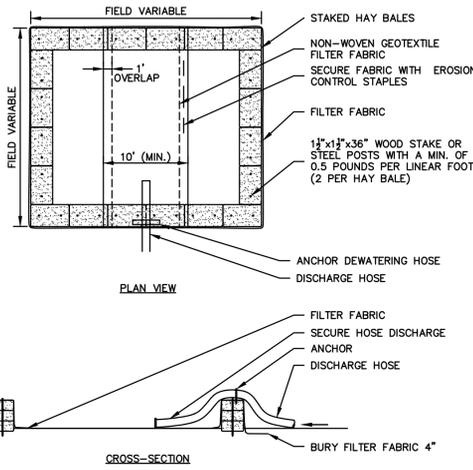
**TREE PROTECTION**

SCALE: NONE  
EC-116-CT



**CONSTRUCTION FENCE**

SCALE: NONE  
FSN-104-CT

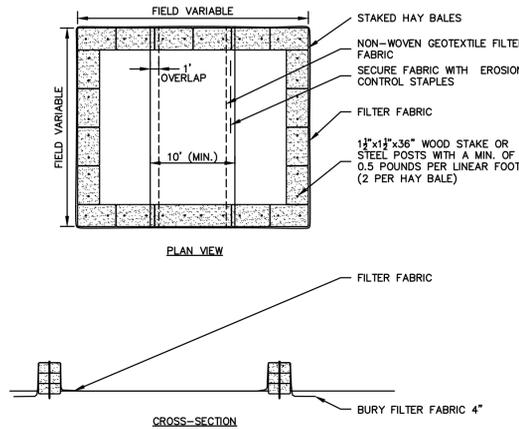


**GENERAL NOTES**

- NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
- THE BASIN TO BE SIZED ACCORDING TO: CUBIC FEET OF STORAGE = PUMP DISCHARGE RATE (gpm) x 16.
- SIZE SHOWN ON PLANS SHALL BE ADJUSTED AS REQUIRED FOR THE ACTUAL PUMPING RATE.

**DEWATERING HAY BALE BASIN (TYPE 1)**

SCALE: NONE  
EC-114-CT

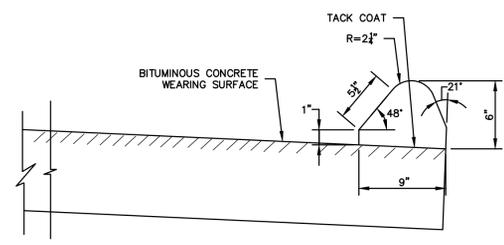


**NOTES:**

- CONSTRUCT WASHOUT AREA LARGE ENOUGH TO ENSURE MATERIALS WILL BE CONTAINED WHERE WASTE CONCRETE CAN SOLIDIFY IN PLACE AND EXCESS WATER CAN SAFELY EVAPORATE.
- WASHOUT AREA SHALL BE LARGE ENOUGH TO RETAIN ALL LIQUID AND WASTE CONCRETE MATERIALS FROM WASHOUT OPERATIONS.
- WEEKLY INSPECTIONS OF WASHOUT AREAS SHALL BE CONDUCTED TO ASSESS THE HOLDING CAPACITY AND FUNCTIONALITY OF THE WASHOUT AREA.

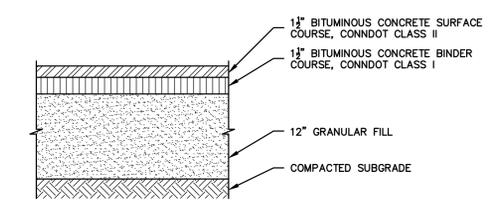
**TEMPORARY CONCRETE WASHOUT AREA**

SCALE: NONE



**6" BITUMINOUS CONCRETE LIP CURBING**

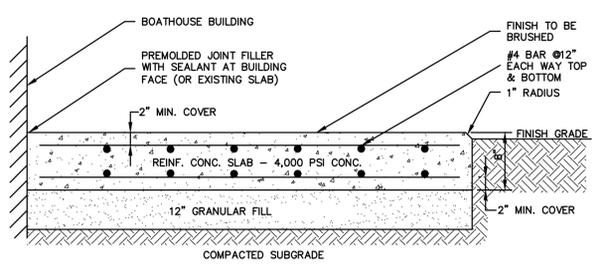
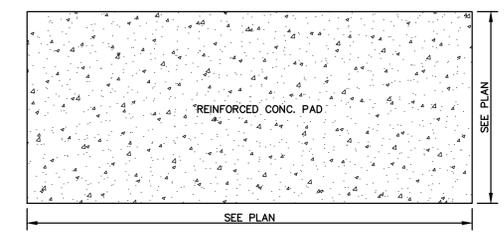
SCALE: NONE  
CRB-103-CT



**BITUMINOUS CONCRETE PAVEMENT**

SCALE: NONE  
PVT-101-CT

**NOTE:** USE THE SAME SECTION FOR THE BITUMINOUS BASKETBALL COURT.

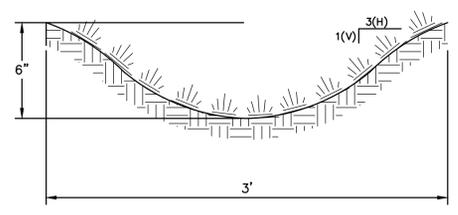


**REINFORCED CONCRETE PAD**

SCALE: NONE  
PVT-107-CT

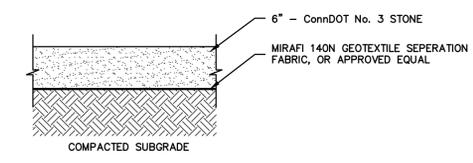
**DRAINAGE SWALE**

SCALE: NONE



**GRAVEL STRIP**

SCALE: NONE



REPRODUCTIONS OF THIS PLAN ARE INVALID UNLESS THEY BEAR THE EMBOSSED SEAL OF THE UNDERSIGNED PROFESSIONAL.



WILLIAM G. WALTER, PE No.23146

**BOATHOUSE/HAINS PARK IMPROVEMENTS**

166 BOSTON POST ROAD

IN  
OLD LYME  
CONNECTICUT

DETAILS

JUNE 1, 2016

**REVISIONS:**

| NO. | DATE | DESC. |
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PREPARED FOR:  
TOWN OF OLD LYME  
52 LYME STREET  
OLD LYME, CT 06371

**NINA CUCCIO PECK**  
ARCHITECTURE & INTERIORS

**BSC GROUP**  
300 Winding Brook Drive  
Glastonbury, Connecticut 06033  
860 652 8227

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SCALE: AS NOTED

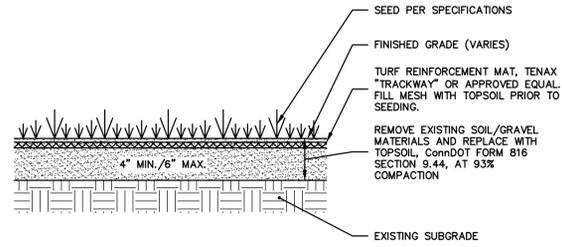
**ISSUED FOR BID**

FILE: CIVIL/DRAWINGS/DET.DWG

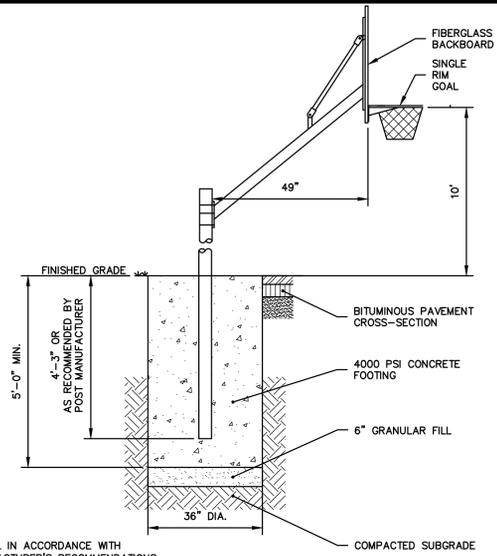
DWG. NO:

JOB. NO: 83566.00

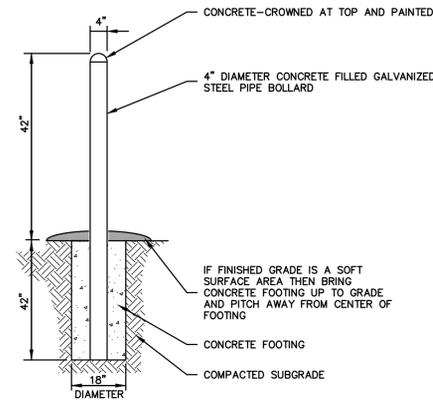
**C-300**



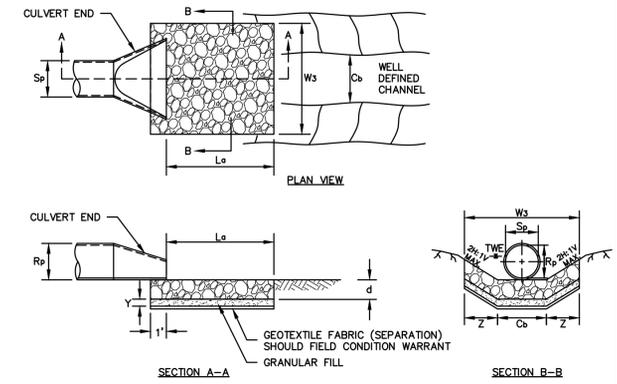
**REINFORCED TURF**  
SCALE: NONE



**BASKETBALL HOOP AND POST**  
SCALE: NONE



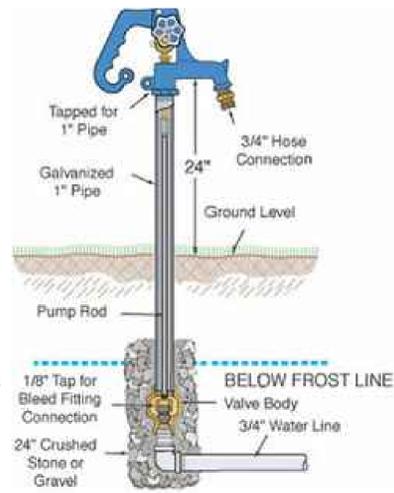
**CONCRETE FILLED STEEL BOLLARD**  
SCALE: NONE  
FSN-113-CT



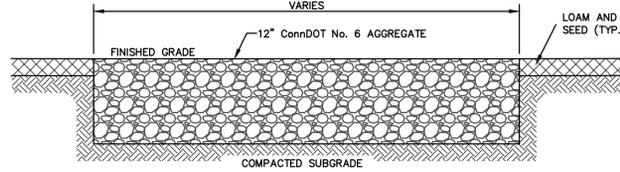
**RIPRAP APRON - TYPE C**  
SCALE: NONE  
SM-108-CT

LEGEND:  
 Sp = MAX. INSIDE PIPE SPAN (NON-CIRCULAR SECTIONS)  
 Sp = INSIDE PIPE DIAMETER (CIRCULAR SECTIONS)  
 Rp = MAX. INSIDE PIPE RISE (NON-CIRCULAR SECTIONS)  
 Rp = INSIDE PIPE DIAMETER (CIRCULAR SECTIONS)  
 d = 12" - MODIFIED RIPRAP  
 d = 18" - INTERMEDIATE RIPRAP  
 d = 36" - STANDARD RIPRAP  
 Lo = LENGTH OF RIPRAP APRON MEASURED FROM THE END OF CULVERT END SECTION  
 TWE = TAIL WATER ELEVATION  
 Cb = CHANNEL BOTTOM

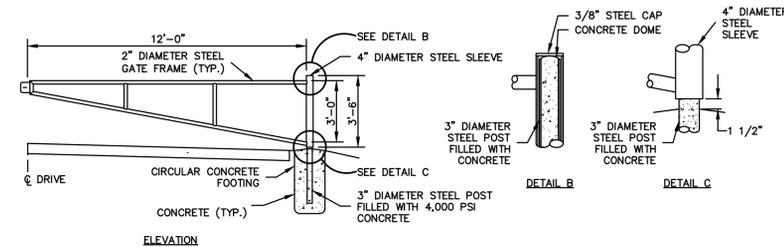
| OUTLET ID | Sp  | Lo  | Ws  | Z   | Cb  | d   | Y   | RIPRAP TYPE  |
|-----------|-----|-----|-----|-----|-----|-----|-----|--------------|
| CE-1      | 18" | 15' | 60" | 18" | 24" | 18" | 12" | INTERMEDIATE |



**YARD HYDRANT**  
SCALE: NONE

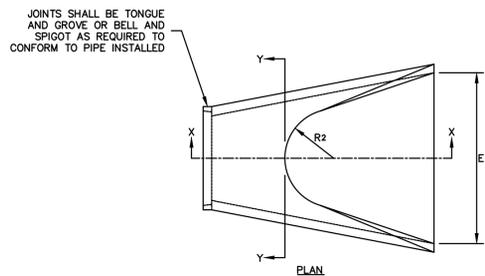


**GRAVEL DRIVEWAY**  
SCALE: NONE  
PVT-105-CT

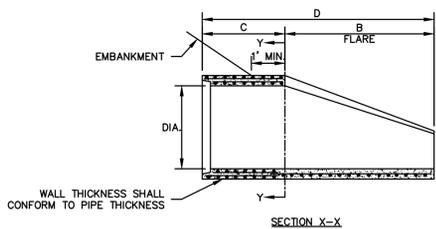


**TYPICAL ACCESS ROAD GATE**  
SCALE: NONE

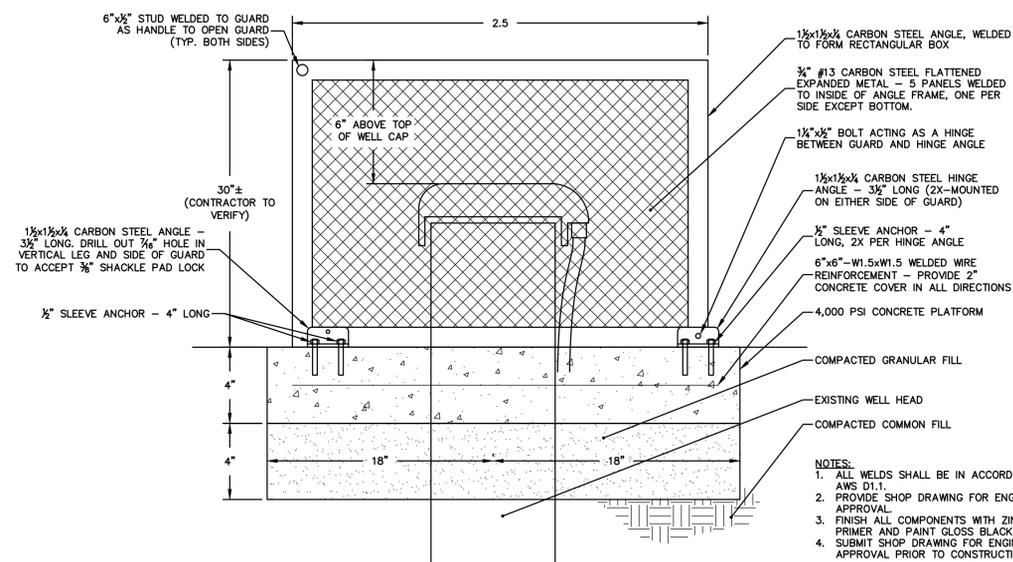
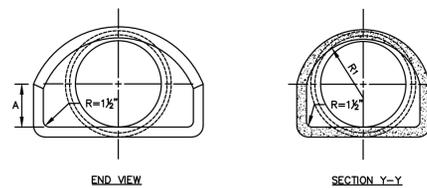
NOTES:  
 1. STEEL USED IN THE MANUFACTURE OF THE GATE SHALL BE HOT DIPPED GALVANIZED.  
 2. ALL PIPE AND WELDS SHALL BE PAINTED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.  
 3. ALL WELDS SHALL BE 3/16" FILLETS ALL AROUND.  
 4. PIPE MATERIAL SHALL BE SCHEDULE 40 STEEL. DIAMETERS ARE NOMINAL PIPE SIZE.  
 5. CONTRACTOR SHALL INSTALL ADDITIONAL 3" DIAMETER POSTS WITH 3/8" DIAMETER STEEL BARS, LOCATED TO SECURE THE GATE LEAVES IN AN OPEN POSITION 90 DEGREES FROM THAT SHOWN ABOVE.



| DIA. | DIMENSIONS FOR REINFORCED CONCRETE CULVERT END |           |            |           |       |            |           |        | FLARE REINFORCEMENT                      |                                           |
|------|------------------------------------------------|-----------|------------|-----------|-------|------------|-----------|--------|------------------------------------------|-------------------------------------------|
|      | A                                              | B         | C          | D         | E     | F          | R1        | R2     | MIN. AREA OF LONG. STEEL SQ. IN. PER FT. | MIN. AREA OF TRANS. STEEL SQ. IN. PER FT. |
| 12"  | 4"                                             | 2'-0"     | 4'-0 3/4"  | 6'-0 3/4" | 2'-0" | 1'-7 1/4"  | 10 1/4"   | 9"     | 0.048                                    | 0.048                                     |
| 15"  | 6"                                             | 2'-3"     | 3'-10"     | 6'-1"     | 2'-6" | 2'-0 5/8"  | 1'-0 1/2" | 11"    | 0.054                                    | 0.054                                     |
| 18"  | 9"                                             | 2'-3"     | 3'-10"     | 6'-1"     | 3'-0" | 2'-5"      | 1'-3 1/2" | 1'-0"  | 0.060                                    | 0.060                                     |
| 21"  | 9"                                             | 2'-11"    | 3'-2"      | 6'-1"     | 3'-6" | 2'-7 1/2"  | 1'-4"     | 1'-1"  | 0.066                                    | 0.066                                     |
| 24"  | 9 1/2"                                         | 3'-7 1/2" | 2'-6"      | 6'-1 1/2" | 4'-0" | 2'-9 3/8"  | 1'-4 3/8" | 1'-2"  | 0.072                                    | 0.072                                     |
| 30"  | 1'-0"                                          | 4'-6"     | 1'-7 3/4"  | 6'-1 3/4" | 5'-0" | 3'-1"      | 1'-6 1/2" | 1'-3"  | 0.084                                    | 0.084                                     |
| 36"  | 1'-3"                                          | 5'-3"     | 2'-10 3/4" | 8'-1 3/4" | 6'-0" | 3'-11 1/4" | 2'-0 3/8" | 1'-8"  | 0.096                                    | 0.096                                     |
| 42"  | 1'-9"                                          | 5'-3"     | 2'-11"     | 8'-2"     | 6'-6" | 4'-5 5/8"  | 2'-3 1/2" | 1'-10" | 0.108                                    | 0.108                                     |
| 48"  | 2'-0"                                          | 6'-0"     | 2'-2"      | 8'-2"     | 7'-0" | 4'-8 1/2"  | 2'-4 1/2" | 1'-10" | 0.120                                    | 0.120                                     |
| 54"  | 2'-3"                                          | 5'-5"     | 2'-11"     | 8'-4"     | 7'-6" | 5'-5 1/2"  | 2'-9 1/2" | 2'-0"  | 0.132                                    | 0.132                                     |
| 60"  | 2'-9"                                          | 5'-0"     | 3'-3"      | 8'-3"     | 8'-0" | 6'-0 1/2"  | 3'-0 1/4" | 2'-0"  | 0.144                                    | 0.144                                     |



**REINFORCED CONCRETE CULVERT END**  
SCALE: NONE  
STM-115-CT



**WELL PROTECTION**  
SCALE: NONE

REPRODUCTIONS OF THIS PLAN ARE INVALID UNLESS THEY BEAR THE EMBOSSED SEAL OF THE UNDERSIGNED PROFESSIONAL.



WILLIAM G. WALTER, PE No.23146

**BOATHOUSE/HAINS PARK IMPROVEMENTS**

166 BOSTON POST ROAD  
IN  
OLD LYME CONNECTICUT

DETAILS

JUNE 1, 2016

REVISIONS:

| NO. | DATE | DESC. |
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PREPARED FOR:  
TOWN OF OLD LYME  
52 LYME STREET  
OLD LYME, CT 06371

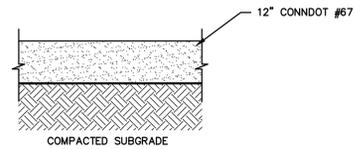
NINA CUCCIO PECK  
ARCHITECTURE & INTERIORS

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860 652 8227

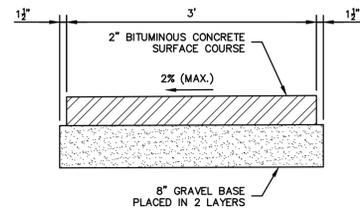
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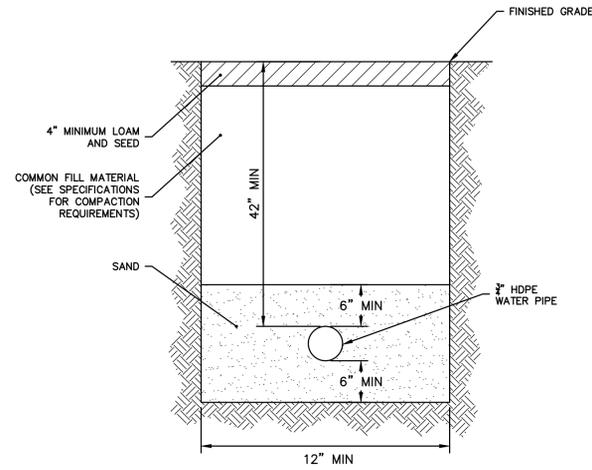
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DWG. NO:  
JOB. NO: 83566.00 C-301



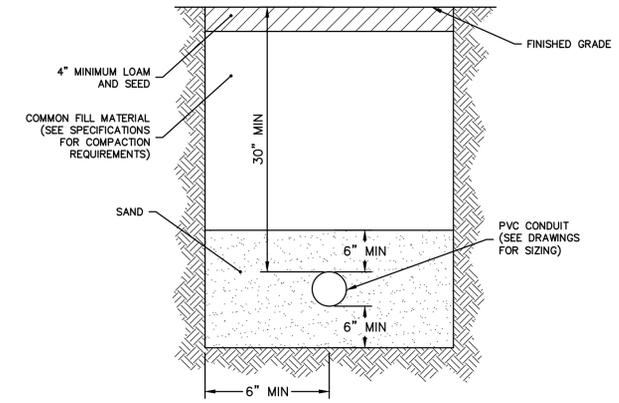
**GRAVEL DRIVE**  
SCALE: NONE



**BITUMINOUS CONCRETE SIDEWALK**  
SCALE: NONE  
SP-101-CT



**WATER PIPE SECTION**  
SCALE: NONE  
SP-101-CT



**CONDUIT SECTION**  
SCALE: NONE  
SP-101-CT

- NOTES:  
1. WHEN MULTIPLE CONDUITS ARE IN THE SAME TRENCH, SPACE CONDUITS MINIMUM 2" APART, SIDE BY SIDE.  
2. WHEN CONDUIT IS ADJACENT WATER PIPE, PROVIDE 12" MIN. HORIZONTAL SPACING.

REPRODUCTIONS OF THIS PLAN ARE INVALID UNLESS THEY BEAR THE EMBOSSED SEAL OF THE UNDERSIGNED PROFESSIONAL.



WILLIAM G. WALTER, PE No.23146

**BOATHOUSE/HAINS PARK IMPROVEMENTS**

166 BOSTON POST ROAD  
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52 LYME STREET  
OLD LYME, CT 06371



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DWG. NO:  
JOB. NO: 83566.00 **C-302**

LIST OF TYPICAL DRAWING ABBREVIATIONS

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| <b>MISCELLANEOUS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>E</b> | <b>L</b> | <b>S</b> |
| # AND<br>4 OR < ANGLE<br>@ AT<br>CL CENTERLINE<br>CH CHANNEL<br>d DIAMETER OR ROUND<br>⊥ PERPENDICULAR<br># NUMBER OR POUND<br>P PENNY<br>PL PLATE OR PROPERTY LINE<br>SF SQUARE FEET<br>FL FLOOR LINE<br>SF SQUARE FEET<br>N/A NOT APPLICABLE<br>W/A WHERE APPLICABLE<br>W/O WITHOUT W/ WITH<br>A<br>A/C AIR CONDITIONING<br>ABV. ABOVE<br>ACOUS. ACOUSTICAL<br>A.D. AREA DRAIN<br>A.F.F. ABOVE FINISH FLOOR<br>ADJ. ADJUSTABLE<br>AGGR. AGGREGATE<br>AL. ALUMINUM<br>AL.GL ALUMINUM/GLASS<br>A.P. ACCESS PANEL<br>APPROX. APPROXIMATE<br>ANCH. ANCHOR<br>ARCH. ARCHITECTURAL<br>ASB. ASBESTOS<br>ASPH. ASPHALT<br>AUTO. AUTOMATIC<br>B.<br>B. BOLLARD LIGHT<br>BD. BOARD<br>BEL. BELOW<br>BIT. BITUMINOUS<br>BLDG. BUILDING<br>BLK. BLOCK<br>BLKG. BLOCKING<br>BM. BEAM<br>BOT. BOTTOM<br>BRKT. BRACKET<br>BSMT. BASEMENT<br>BR. BRONZE<br>BRG. BEARING<br>BRK. BRICK<br>B.U. BUILT UP<br>BLTN. BULLETIN<br>C<br>CAT. CATEGORY<br>CAB. CABINET<br>CB. CORNER BEAD<br>C.B. CATCH BASIN<br>CEM. CEMENT<br>C.F. CUBIC FOOT<br>C.G. CORNER GUARD<br>C.I. CAST IRON<br>C.I.P. CAST IN PLACE<br>C.J. CONTROL JOINT<br>CK. CAULK<br>C.T. CERAMIC TILE<br>CLG. CEILING<br>CLO. CLOSET<br>COL. COLUMN<br>COMP. COMPRESS (ED),(ION),(IBLE)<br>CONC. CONCRETE<br>CMU. CONCRETE MASONRY UNITS<br>CONN. CONNECTION<br>CONSTR. CONSTRUCTION<br>CONTR. CONTRACTOR<br>CONT. CONTINUOUS<br>CORR. CORRUGATED<br>CNTR. COUNTER<br>C.S. COUNTER SINK<br>CTR. CENTER<br>CTSK. COUNTERSUNK<br>C.Y. CUBIC YARD<br>D<br>D. DRAIN PIPE<br>DBL. DOUBLE<br>DEP. DEPRESSED<br>DEPT. DEPARTMENT<br>DET. DETAIL<br>D.F. DRINKING FOUNTAIN<br>D.H. DOUBLE HUNG<br>DIA. DIAMETER<br>DIM. DIMENSION<br>DISP. DISPENSER<br>DIV. DIVISION<br>D.M.H. DRAIN MANHOLE<br>DMT. DEMOUNTABLE<br>DN. DOWN<br>DR. DOOR<br>D.O. DOOR OPENING<br>D.P. DAMP PROOFING<br>DRN. DRAIN<br>DS. DRAIN SPOUT<br>DWG. DRAWING<br>DTL. DRAWINGS<br>DWGS. DETAIL<br>DWR. DRAWER<br>EA. EACH<br>E. EAST<br>EL. ELEVATION<br>E.B. EXPANSION BOLT<br>E.J. EXPANSION JOINT<br>ELEC. ELECTRICAL<br>ELEV. ELEVATOR<br>EMER. EMERGENCY<br>E.M.H. ELECTRICAL MANHOLE<br>ENCL. ENCLOSURE<br>E.P. ELEC. PANELBOARD<br>EQ./# EQUAL<br>EQPT. EQUIPMENT<br>EST. ESTIMATE<br>E.W.C. ELEC. WATER COOLER<br>EXCAV. EXCAVATE<br>EXH. EXHAUST<br>EXP. EXPANSION<br>EXIST. EXISTING<br>EXT. EXTERIOR<br>F.A. FIRE ALARM<br>FBO/ F.B.O. FURNISHED BY OWNER (LABOR AND MATERIALS FOR COMPLETE INSTALLATION TO BE SUPPLIED BY GC.)<br>F.D. FLOOR DRAIN<br>FDN. FOUNDATION<br>F.E. FIRE EXTINGUISHER<br>F.E.C. FIRE EXTINGUISHER CABINET<br>F.H. FLAT HEAD<br>FHMS. FLATHEAD MACHINE SCREW<br>FHWS. FLATHEAD WOOD SCREW<br>F.H.C. FIRE HOSE CABINET<br>FIN. FINISH (ED)<br>FIN.FL. FINISHED FLOOR ELEVATION<br>FL. FLOOR<br>FLASH. FLASHING<br>FLUOR. FLUORESCENT<br>F.O.C. FACE OF CONCRETE<br>F.O.S. FACE OF STUD<br>F.O.F. FACE OF FINISH<br>FP. FIREPROOF (ING)<br>FPL. FIREPLACE<br>FR. FRAME<br>F.S. FULL SIZE<br>FT. FOOT OR FEET<br>F.T.F. FINISH TO FINISH DIMENSION<br>FTG. FOOTING<br>FUR. FURRING<br>FUT. FUTURE<br>G<br>G. GAS PIPE<br>G.C. GENERAL CONTRACTOR<br>GA. GAUGE<br>GALV. GALVANIZED<br>G.I. GALVANIZED IRON<br>G.B. GRAB BAR<br>G.F. GROUND FACE<br>G.G. GAS GATE<br>G.G.V. GAS GATE VALVE<br>GL. GLASS, GLAZING<br>GND. GROUND<br>GR. GRADE<br>GRN. GRANITE<br>G.V. GATE VALVE<br>GNB. GYPSUM WALLBOARD<br>GYP. GYPSUM<br>H<br>H.B. HOSE BIBB<br>H.C. HOLLOW CORE<br>HD. HEAD<br>HDR. HEADER<br>HDF. HANDICAP DRINKING FOUNTAIN<br>HDW. HARDWARE<br>HDWD. HARDWOOD<br>HGT. HEIGHT<br>H.M. HOLLOW METAL<br>HNDRL. HANDRAIL<br>HORIZ. HORIZONTAL<br>H.F. HANDICAPPED PARKING<br>H.P.T. HIGH POINT<br>HR. HOUR<br>HTG. HEATING<br>HW. HOT WATER HEATER<br>H.W.H. HEATING, VENTILATION & AIR CONDITIONING<br>HYD. HYDRANT<br>I<br>I.D. INSIDE DIAMETER/DIMENSION<br>IN. INCH<br>INCIN. INCINERATOR<br>INCL. INCLUDE(S)<br>INSUL. INSULATION<br>INT. INTERIOR<br>INV. INVERT<br>J<br>JAN. JANITOR<br>J.C. JANITOR CLOSET<br>J.F. JOINT FILLER<br>JST. JOIST<br>JT. JOINT<br>K<br>KIT. KITCHEN<br>K.P. KICK PLATE<br>KO. KNOCKOUT<br>LAB. LABORATORY<br>LAM. LAMINATE<br>LAV. LAVATORY<br>LH. LEFT HAND<br>LTL. LINTEL<br>LKR. LOCKER<br>LL. LINELOAD<br>L.P. LIGHT PANEL<br>L.P.T. LOW POINT<br>LT. LIGHT<br>LVR. LOUVER<br>M<br>MAT. MATERIAL<br>MAS. MAXIMUM<br>MECH. MECHANICAL<br>MED. MEDIUM<br>MEMB. MEMBRANE<br>MTL. METAL<br>MFG. MANUFACTURER<br>MH. MANHOLE<br>MIN. MINIMUM<br>MIR. MIRROR<br>MISC. MISCELLANEOUS<br>MDLG. MOULDING<br>M. METER<br>MM. MILLIMETER<br>MOD. MODULAR<br>M.O. MASONRY OPENING<br>M/R. MOISTURE RESISTANT<br>MTD. MOUNT(ED)<br>MTL. MATERIAL<br>MULL. MULLION<br>N<br>N. NORTH<br>NAT. NATURAL<br>N.I.C. NOT IN CONTRACT<br>NO. NUMBER<br>NOM. NOMINAL<br>NR. NOISE REDUCTION<br>NRC. NOISE REDUCTION COEFFICIENT<br>N.T.S. NOT TO SCALE<br>O<br>OA. OVERALL<br>O.C. ON CENTER<br>O.D. OUTSIDE DIAMETER/<br>DIMENSION<br>OFF. OFFICE<br>O.P. OIL PIPE<br>OP. OPENING<br>OPP. OPPOSITE<br>OPP. H. OPPOSITE HAND<br>OVHD. OVERHEAD<br>O.W.J. OPEN WEB JOINT<br>OZ. OUNCE<br>P<br>PAV. PAVING<br>P.C.C. PRECAST CONCRETE<br>PCF. POUNDS PER CUBIC FOOT<br>PED. PEDESTAL<br>PERF. PERFORATED<br>PFAB. PREFABRICATED<br>P.I.V. POST INDICATOR VALVE<br>PL. PLATE<br>PLF. POUNDS PER LINEAR FOOT<br>PL. LAM. PLASTIC LAMINATE<br>PLAS. PLASTER<br>PLBG. PLUMBING<br>PLYWD. PLYWOOD<br>PM. PRESSED METAL<br>POL. POLISHED<br>PR. PAIR<br>PRCAST. PRECAST<br>PSF. POUNDS PER SQUARE FOOT<br>PSI. POUNDS PER SQUARE INCH<br>P.T. PRESSURE TREATED<br>P.T.D. PAPER TOWEL DISPENSER<br>P.T.D./R. PAPER TOWEL DISPENSER/<br>RECEPTACLE<br>PTD. PAINTED<br>PART. PARTITION<br>P.T.R. PAPER TOWEL RECEPTACLE<br>PVC. POLYVINYL CHLORIDE<br>PVMT. PAVEMENT<br>Q<br>Q.T. QUARRY TILE<br>R<br>R. RISER<br>RA. RETURN AIR<br>RAD. RADIUS<br>R.D. ROOF DRAIN<br>REF. REFERENCE<br>REFR. REFRIGERATOR<br>REG. REGISTER<br>REINF. REINFORCED<br>REQ. REQUIRED<br>RESIL. RESILIENT<br>RET. RETURN<br>REV. REVISION<br>RFG. ROOFING<br>RFL. REFLECTED<br>RH. RIGHT HAND<br>RM. ROOM<br>R.O. ROUGH OPENING<br>R.O.W. RIGHT OF WAY<br>RVS. REVERSE<br>RVT. RIVET<br>SAN. SOUTH<br>SAN. SANITARY<br>S.C. SOLID CORE<br>SCHED. SCHEDULE<br>S.D. SOAP DISPENSER<br>SECT. SECTION<br>SFG. SAFETY GLASS<br>S.H. SPRINKLER HEAD<br>SHR. SHOWER<br>SHT. SHEATHING<br>SIM. SIMILAR<br>SL. SLEEVE<br>SLNT. SEALANT<br>S.N.D. SANITARY NAPKIN<br>DISPENSER<br>S.N.R. SANITARY NAPKIN<br>RECEPTACLE<br>SPKR. SPEAKER<br>SPL. SPECIAL<br>SQ. SQUARE<br>SQ.FT. SQUARE FOOT<br>S.S. STAINLESS STEEL<br>SP. STANDPIPE<br>S.SK. SERVICE SINK<br>STA. STATION<br>STD. STANDARD<br>STL. STEEL<br>STG. SEATING<br>STOR. STORAGE<br>STRUCT. STRUCTURAL<br>SUSP. SUSPENDED<br>SYM. SYMMETRY (ICAL)<br>SYS. SYSTEM<br>T<br>T. TREAD<br>T.B. TONEL BAR<br>T.D. TONEL DISPENSER<br>TEL. TELEPHONE<br>TEMP. TEMPERED<br>TER. TERRAZZO<br>T. & G. TONGUE AND GROOVE<br>T.H. TISSUE HOLDER<br>THK. THICK<br>THR. THRESHOLD<br>T.O.C. TOP OF CONCRETE<br>T.O.F. TOP OF FOUNDATION<br>T.O.S. TOP OF STEEL<br>T.O.W. TOP OF WALL<br>T.P. TOILET PAPER DISPENSER<br>TPTD. TOILET PARTITION<br>TR. TRANSOM<br>T.O.S. TOP OF SLAB<br>T.V. TELEVISION<br>TYP. TYPICAL<br>UC. UNDERCOUNTER<br>UNFIN. UNFINISHED<br>U.O.N. UNLESS OTHERWISE NOTED<br>UR. URINAL<br>V<br>V.A.T. VINYL ASBESTOS TILE<br>VB. VAPOR BARRIER<br>VCSP. VERIGATED COPOLYMER<br>SURFACE<br>VCT. VINYL COMPOSITE TILE<br>VEN. VENEER<br>VERT. VERTICAL<br>VEST. VESTIBULE<br>VG. VERTICAL GRAIN<br>VIN. VINYL<br>V.J. V-JOINT<br>VRM. VERMICULITE<br>V.W.C. VINYL WALLCOVERING<br>W<br>W. WEST<br>W/ WITH<br>W.B. WOOD BASE<br>W.C. WATER CLOSET<br>WD. WOOD<br>WGL. WIRE GLASS<br>W.G.V. WATER GATE VALVE<br>WH. WALL HUNG<br>WI. WROUGHT IRON<br>WIN. WINDOW<br>WM. WIRE MESH<br>W/O WITHOUT<br>WP. WATERPROOF<br>WPT. WORKING POINT<br>WSC. MAINSCOT<br>WT. WEIGHT<br>WWM. WELDED WIRE MESH |          |          |          |

TYPICAL WALL & PARTITION SCHEDULE

|                                                                                                                             |                                                                                                  |                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <p>SEE NOTES 1 THROUGH 6</p> <p>1 HR EXTERIOR WALL<br/>1 HOUR FIRE RATED (INSIDE ONLY)<br/>UL DESIGN No. -U348, WP-1408</p> | <p>SEE NOTES 1 THROUGH 6</p> <p>EXTERIOR AT FINISHED AREA<br/>UNRATED<br/>UL DESIGN No. -N/A</p> | <p>SEE NOTES 1 THROUGH 6</p> <p>UNFINISHED EXTERIOR WALL<br/>UNRATED<br/>UL DESIGN No. -N/A</p>            |
| <p>SEE NOTES 1 THROUGH 6</p> <p>2X4 WALL AT LOCKERS/OFFICE<br/>UNRATED<br/>UL DESIGN No. -N/A</p>                           | <p>SEE NOTES 1 THROUGH 6</p> <p>2X4 WALL AT STORAGE RM.<br/>UNRATED<br/>UL DESIGN No. -N/A</p>   | <p>SEE NOTES 1 THROUGH 6</p> <p>1 HR RATED 2x6 @ LOCKERS<br/>1 HR FIRE RATING<br/>UL DESIGN No. - U305</p> |
| <p>SEE NOTES 1 THROUGH 6</p> <p>1 HR RATED 2x6 @ FLEX<br/>1 HR FIRE RATING<br/>UL DESIGN No. - U305</p>                     |                                                                                                  |                                                                                                            |

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 MOISTURE/WATER RESISTANT GWB AT ALL WALLS
4. 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.
5. UNLESS NOTED OTHERWISE, ALL INSULATION SHOWN IS REQUIRED FOR WALL RATING.
6. REFER TO STRUCTURAL DRAWINGS FOR ALL ADDITIONAL SHEAR WALL REQUIREMENTS. FLAMEBLOCK SHEATHING SHALL BE USED IN LIEU OF PLYWOOD AT ALL FIRE RATED EXTERIOR WALLS. (TYPICAL)

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.

MATERIAL SYMBOLS LEGEND

|  |                                             |  |                             |  |                                              |  |                                                     |
|--|---------------------------------------------|--|-----------------------------|--|----------------------------------------------|--|-----------------------------------------------------|
|  | EARTH                                       |  | PRECAST CONC.               |  | RIGID INSULATION                             |  | METAL STUD PARTITION (LG. SCALE)                    |
|  | GRAVEL FILL                                 |  | FINISH LUMBER               |  | BLANKET/BATT INSUL.                          |  | WINDOW UNIT (SMALL SCALE)                           |
|  | ROCK                                        |  | WOOD BLOCKING (SECTION)     |  | NEW PARTITION (SMALL SCALE) NEW CONSTRUCTION |  | STEEL/METAL FLASHING (SMALL SCALE)                  |
|  | STRUCTURAL CONC.                            |  | LUMBER (SECTION)            |  | EXISTING WALL TO BE REMOVED                  |  | NEW PARTITION (SMALL SCALE) EXIST. CONST. ONLY      |
|  | LT. WT. CONCRETE or CONCRETE FILL or MORTAR |  | PLYWOOD                     |  | GYPSUM WALLBOARD (LG. SCALE)                 |  | EXISTING PARTITION (SMALL SCALE) EXIST. CONST. ONLY |
|  | CONC. MASONRY UNIT (SOLID)                  |  | CONC. MASONRY UNIT (HOLLOW) |  | BRICK                                        |  | STEEL (LG. SCALE)                                   |

ARCHITECTURAL DRAWING SYMBOLS LEGEND

|  |                                  |  |                                    |  |                               |  |                          |
|--|----------------------------------|--|------------------------------------|--|-------------------------------|--|--------------------------|
|  | INTERIOR ELEVATION (LARGE SCALE) |  | BUILDING SECTION                   |  | ELEV. DATUM ( )               |  | WALL TYPE (SEE SCHED.)   |
|  | DETAIL NUMBER                    |  | WALL SECTION                       |  | ELEVATION DATUM (EXISTING)    |  | WINDOW TYPE (SEE SCHED.) |
|  | COLUMN LINE                      |  | LOBBY ROOM NAME & NUMBER           |  | 10'-0" CEILING HEIGHT         |  | EQUIPMENT (SEE SCHED.)   |
|  | DOOR KEY (SEE SCHED.)            |  | EXTERIOR AND/OR INTERIOR ELEVATION |  | TOILET ACCESSORY (SEE SCHED.) |  | REVISION                 |

TITLE: NEW CONSTRUCTION  
**HAINS PARK BOATHOUSE AT ROGERS LAKE**

166 BOSTON POST ROAD  
 OLD LYME, CT 06371

ABBREVIATIONS, SYMBOLS  
 LEGENDS & WALL TYPE SCHEDULE  
 HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

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

SCALE: AS NOTED  
 DRAWING RELEASE DATE: 06.01.16

BID SET DATE: JUNE 01, 2016  
 CONTRACT SET DATE: (REVISION SET DATES ABOVE)

**A1.0**

### CODE REVIEW - NARRATIVE

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

**NARRATIVE -THE PROPOSED SCOPE OF WORK IS AS FOLLOWS.**

**NEW CONSTRUCTION OF A SINGLE STORY BOATHOUSE FOR THE TOWN OF OLD LYME, CT.**

**THE ENTIRE BUILDING IS CLASSIFIED AS AN "E " USE GROUP PER SECTION 305.1, SEPARATING OCCUPANCIES IN ACCORDANCE WITH SECTION 302.3.2. MAIN USE GROUP EDUCATIONAL "E", ASSEMBLE (A3), PARKING GARAGE (S2) W/OFFICE (B) ACCESSORY USE**

**AREA CALCULATIONS : 6,032 TOTAL GROSS SQ.FT. ~ 5,871 TOTAL NET SQ.FT.**

### CHAPTER 6 - TABLE 601 (5B CONSTRUCTION)

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

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

### CHAPTER 29 - TABLE 2902.1

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

| USE GROUP         | WATER CLOSETS         |                       | LAVATORIES            |                       | BATHTUBS OR SHOWERS   | DRINKING FOUNTAINS (SEE IPC 4100) | OTHER                 |
|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------------------|-----------------------|
|                   | MALE                  | FEMALE                | MALE                  | FEMALE                |                       |                                   |                       |
| GROUP E REQUIRED  | 1 PER 125 (1 REQ'D)   | 1 PER 65 (1 REQ'D)    | 1 PER 200 (1 REQ'D)   | 1 PER 200 (1 REQ'D)   | NOT REQUIRED          | 1 PER 500                         | 1 SERVICE SINK        |
| GROUP S2 REQUIRED | 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    | ZERO VARIANCE GRANTED             | ZERO VARIANCE GRANTED |

**TOTAL BUILDING OCCUPANCY 51 (GROUP E & S2 - 26 MALE AND 26 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 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 ALARMS, NOTIFYING 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 907.2.5. WHERE AUTOMATIC SPRINKLER PROTECTION, INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.2.15, 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 NFPA-72. 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 BOLLER ROOMS WHERE, DURING NORMAL OPERATION, PRODUCTS OF COMBUSTION ARE PRESENT IN SUFFICIENT QUANTITY TO ACTUATE A SMOKE DETECTOR.

### CHAPTER 3 - USE AND OCCUPANCY

**SECTION 305.1 - EDUCATION USE GROUP "E"**

305.1 EDUCATIONAL GROUP E. EDUCATIONAL GROUP E OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR EDUCATIONAL PURPOSES THROUGH THE 12TH GRADE.

A BUILDING IS OCCUPIED BY TWO OR MORE USES NOT INCLUDED IN THE SAME OCCUPANCY CLASSIFICATION, THE BUILDING OR PORTION THEREOF SHALL COMPLY WITH SECTION 302.3.1 OR 302.3.2 OR A COMBINATION OF THESE SECTIONS -

### CHAPTER 7-FIRE RESISTANCE RATED CONSTRUCTION

| ELEMENT / FIRE BARRIERS                                              | SECTION REFERENCE                                         | REQUIRED | PROPOSED |
|----------------------------------------------------------------------|-----------------------------------------------------------|----------|----------|
| 704.2.2 EXTERIOR WALLS                                               | PROJECTIONS (12" max) (SEE TABLE 601 & 602)               | 1        | 1        |
| 706.3.1 SHAFT ENCLOSURES                                             | SEE SECTION 707.4 (4 STORIES OR LESS)                     | 1        | N/A      |
| 706.3.2 EXIT ENCLOSURES                                              | SEE SECTION 1019.1 (INTERIOR STAIRWAY- 4 STORIES OR LESS) | 1        | N/A      |
| 706.3.3 EXIT PASSAGEWAY                                              | SEE SECTION 1020.1 (CORRIDORS)                            | 1        | N/A      |
| 706.3.4 HORIZONTAL EXIT                                              | SEE SECTION 1021.1                                        | 2        | N/A      |
| 706.3.5 INCIDENTAL USE AREAS (SEE SECTION 302.3.1)                   | OFFICE LESS THAN 10% AREA                                 | 1*       | N/A      |
| 706.3.6 SEPARATION OF MIXED OCCUPANCIES (SEE SECTION 302.3.2) S2 & E | WALL BETWEEN FLEX SPACE *** AND USE GROUP S2              | 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 711.3                                         | 0        | N/A      |

\* EXCEPTION 302.2 ACCESSORY USE AREAS. A FIRE BARRIER SHALL BE REQUIRED TO SEPARATE ACCESSORY USE AREAS CLASSIFIED AS GROUP H IN ACCORDANCE WITH SECTION 302.3.2, AND INCIDENTAL USE AREAS IN ACCORDANCE WITH SECTION 302.1.1. ANY OTHER ACCESSORY USE AREA SHALL NOT BE REQUIRED TO BE SEPARATED BY A FIRE BARRIER PROVIDED THE ACCESSORY USE AREA OCCUPIES AN AREA NOT MORE THAN 10 PERCENT OF THE AREA OF THE STORY IN WHICH IT IS LOCATED AND DOES NOT EXCEED THE TABULAR VALUES IN TABLE 503 FOR THE ALLOWABLE HEIGHT OR AREA FOR SUCH USE.

\*\* EXCEPTION 302.3.2 - MIXED USE SEPARATION REDUCTION 1 HOUR- EXCEPTION "C" - AREAS USED ONLY FOR PRIVATE OR PLEASURE VEHICLE

\*\*\*302.4 SPACES USED FOR DIFFERENT PURPOSES. A ROOM OR SPACE THAT IS INTENDED TO BE OCCUPIED AT DIFFERENT TIMES FOR DIFFERENT PURPOSES SHALL COMPLY WITH ALL THE REQUIREMENTS THAT ARE APPLICABLE TO EACH OF THE PURPOSES FOR WHICH THE ROOM OR SPACE WILL BE OCCUPIED.

### CHAPTER 10-TABLE 1005.1

EGRESS WIDTH PER OCCUPANT SERVED

| USE GROUP A3 AND S2  | GROUP A3 & S2 W/O SPRINKLER |              |               |
|----------------------|-----------------------------|--------------|---------------|
|                      | STAIRS                      | DOORS        | CORRIDORS     |
| REQUIRED FIRST FLOOR | 0.3xS1=15.3"                | 0.2x64=10.2" | 0.15xS1=7.65" |
| PROPOSED FIRST FLOOR | N/A                         | 36"          | N/A           |

### CHAPTER 10-TABLE 1015.1

EXIT ACCESS TRAVEL DISTANCE

| USE GROUP    | WITHOUT SPRINKLER SYSTEM | MAXIMUM PROVIDED |
|--------------|--------------------------|------------------|
| USE GROUP E  | 200 FT.                  | 40 FT.           |
| USE GROUP S2 | 300 FT.                  | 140 FT.          |

### 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.

### ADDITIONAL NOTES AND ASSUMPTIONS

THE ENTIRE BUILDING IS CLASSIFIED AS AN "E " USE GROUP PER SECTION 305.1

305.1 EDUCATIONAL GROUP E. EDUCATIONAL GROUP E OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR EDUCATIONAL PURPOSES THROUGH THE 12TH GRADE. ... HOWEVER... "WHERE A BUILDING IS OCCUPIED BY TWO OR MORE USES NOT INCLUDED IN THE SAME OCCUPANCY CLASSIFICATION, THE BUILDING OR PORTION THEREOF SHALL COMPLY WITH SECTION 302.3.1 OR 302.3.2 OR A COMBINATION OF THESE SECTIONS. "

303.1 ASSEMBLY GROUP A. ASSEMBLY. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES BY LESS THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE INCLUDED AS A PART OF THAT OCCUPANCY. ASSEMBLY AREAS WITH LESS THAN 750 SQUARE FEET AND WHICH ARE ACCESSORY TO ANOTHER OCCUPANCY ACCORDING TO SECTION 302.2.1 ARE NOT ASSEMBLY OCCUPANCIES. ASSEMBLY OCCUPANCIES WHICH ARE ACCESSORY TO GROUP E IN ACCORDANCE WITH SECTION 302.2 ARE NOT CONSIDERED ASSEMBLY OCCUPANCIES.

302.3.2 SEPARATED USES. EACH PORTION OF THE BUILDING SHALL BE INDIVIDUALLY CLASSIFIED AS TO USE AND SHALL BE COMPLETELY SEPARATED FROM ADJACENT AREAS BY FIRE BARRIER WALLS OR HORIZONTAL ASSEMBLIES OR BOTH HAVING A FIRE-RESISTANCE RATING DETERMINED IN ACCORDANCE WITH TABLE 302.3.2 FOR USES BEING SEPARATED. EACH FIRE AREA SHALL COMPLY WITH THIS CODE BASED ON THE USE OF THAT SPACE. EACH FIRE AREA SHALL COMPLY WITH THE HEIGHT LIMITATIONS BASED ON THE USE OF THAT SPACE AND THE TYPE OF CONSTRUCTION CLASSIFICATION. IN EACH STORY, THE BUILDING AREA SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE FLOOR AREA OF EACH USE DIVIDED BY THE ALLOWABLE AREA FOR EACH USE SHALL NOT EXCEED ONE.

FIRE SEPARATIONS: IN ACCORDANCE WITH SECTION 303.1, EXCEPTION 4, ASSEMBLY SPACES, SUCH AS THE GYMNASIUM, AUDITORIUM, LIBRARY AND CAFETERIA, DO NOT HAVE TO BE CONSIDERED SEPARATE OCCUPANCIES IF USED FOR SCHOOL PURPOSES (SEE COMMENTARY, SECTION 303.1). FOR SUCH ASSEMBLY FUNCTIONS TO BE CONSIDERED PART OF THE PRIMARY GROUP E OCCUPANCY, THE ASSEMBLY FUNCTIONS MUST BE ANCILLARY AND SUPPORTIVE TO THE EDUCATIONAL OPERATION OF THE BUILDING.

THE USE GROUP DEFINITION FOR A LOCKER ROOM IS "S2". A GARAGE FOR PRIVATE VEHICLES IS ALSO "S2", THEREFORE THERE IS NO REQUIRED FIRE SEPARATION BETWEEN THESE AREAS, PER THE BUILDING CODE. THE OFFICE IS AN ACCESSORY SPACE IS UNDER 10% OF THE TOTAL AREA (302.1.1)

### CHAPTER 5 - CONSTRUCTION TYPE VB

### CHAPTER 5 HEIGHT AND AREA LIMITATIONS TABLE 503

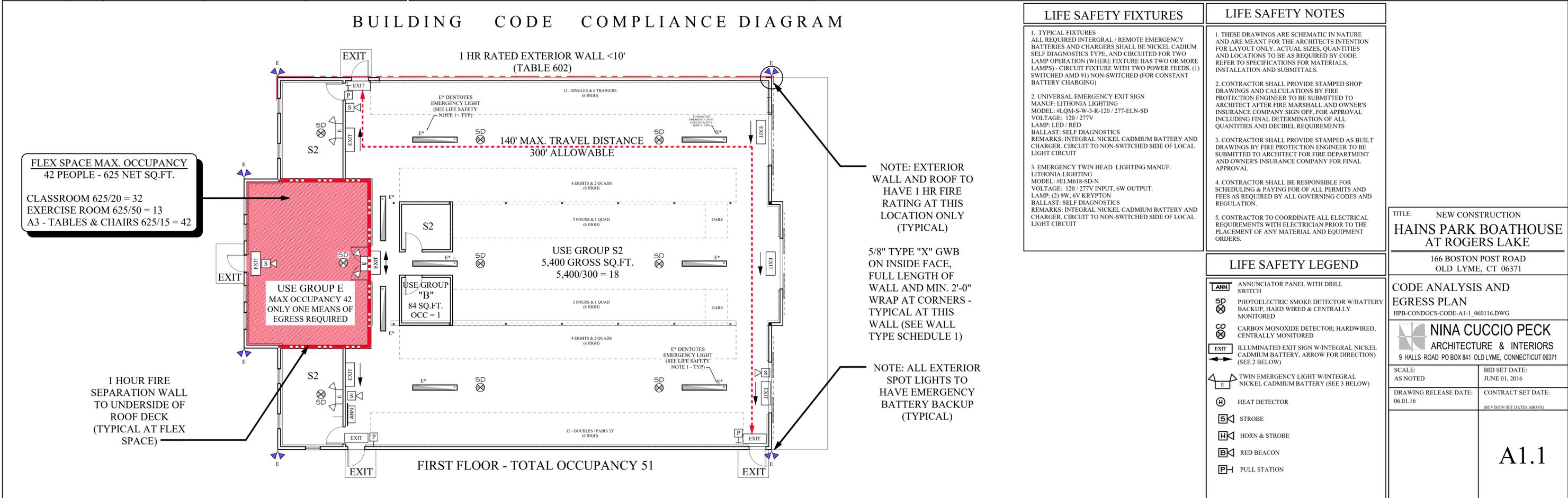
CHAPTER 5 - TABLE 503 (NO MODIFICATIONS)

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 E          | HEIGHT             | 40'          | < 50'      |
|                      | STORY              | 1            | 1          |
|                      | AREA               | 9,500        | 6,032 MAX. |
| USE GROUP S2         | HEIGHT             | 40'          | < 50'      |
|                      | STORY              | 2            | 1          |
|                      | AREA               | 13,500       | 6,032 MAX. |



### LIFE SAFETY FIXTURES

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

### LIFE SAFETY NOTES

1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE MEANT FOR THE ARCHITECT'S INTENTION FOR LAYOUT ONLY. ACTUAL SIZES, QUANTITIES AND 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 DECIBEL REQUIREMENTS.
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.

TITLE: NEW CONSTRUCTION  
**HAINS PARK BOATHOUSE AT ROGERS LAKE**

166 BOSTON POST ROAD  
OLD LYME, CT 06371

### LIFE SAFETY LEGEND

|  |                                                                                            |
|--|--------------------------------------------------------------------------------------------|
|  | ANNUNCIATOR PANEL WITH DRILL SWITCH                                                        |
|  | PHOTOELECTRIC SMOKE DETECTOR W/BATTERY BACKUP, HARD WIRED & CENTRALLY MONITORED            |
|  | CARBON MONOXIDE DETECTOR: HARDWIRED, CENTRALLY MONITORED                                   |
|  | ILLUMINATED EXIT SIGN W/INTEGRAL NICKEL CADMIUM BATTERY, ARROW FOR DIRECTION (SEE 2 BELOW) |
|  | TWIN EMERGENCY LIGHT W/INTEGRAL NICKEL CADMIUM BATTERY (SEE 3 BELOW)                       |
|  | HEAT DETECTOR                                                                              |
|  | STROBE                                                                                     |
|  | HORN & STROBE                                                                              |
|  | RED BEACON                                                                                 |
|  | PULL STATION                                                                               |

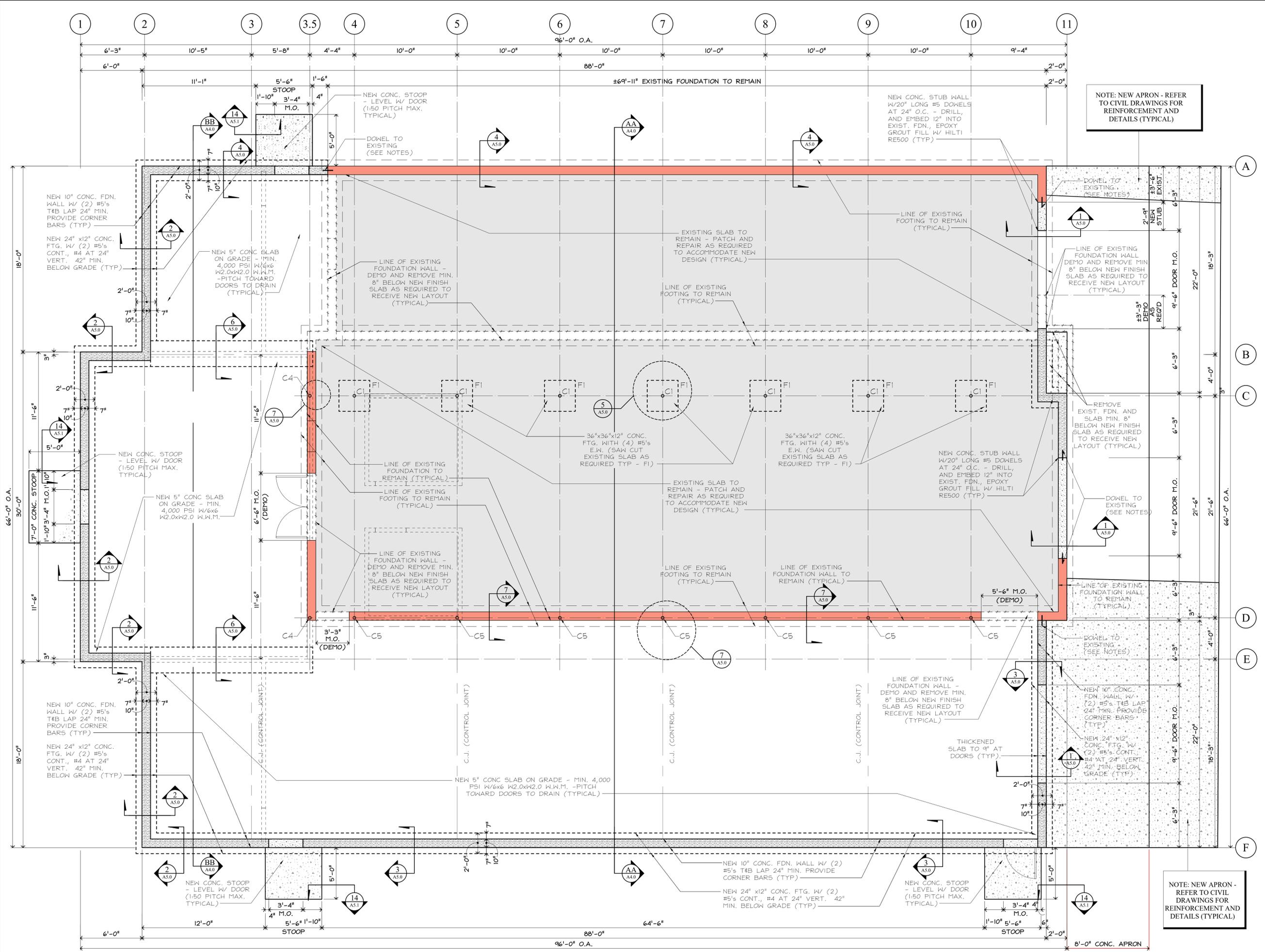
### CODE ANALYSIS AND EGRESS PLAN

HPB-CONDOCS-CODE-A1-1\_060116.DWG

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

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| SCALE: AS NOTED                | BID SET DATE: JUNE 01, 2016                   |
| DRAWING RELEASE DATE: 06.01.16 | CONTRACT SET DATE: (REVISION SET DATES ABOVE) |

# A1.1



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

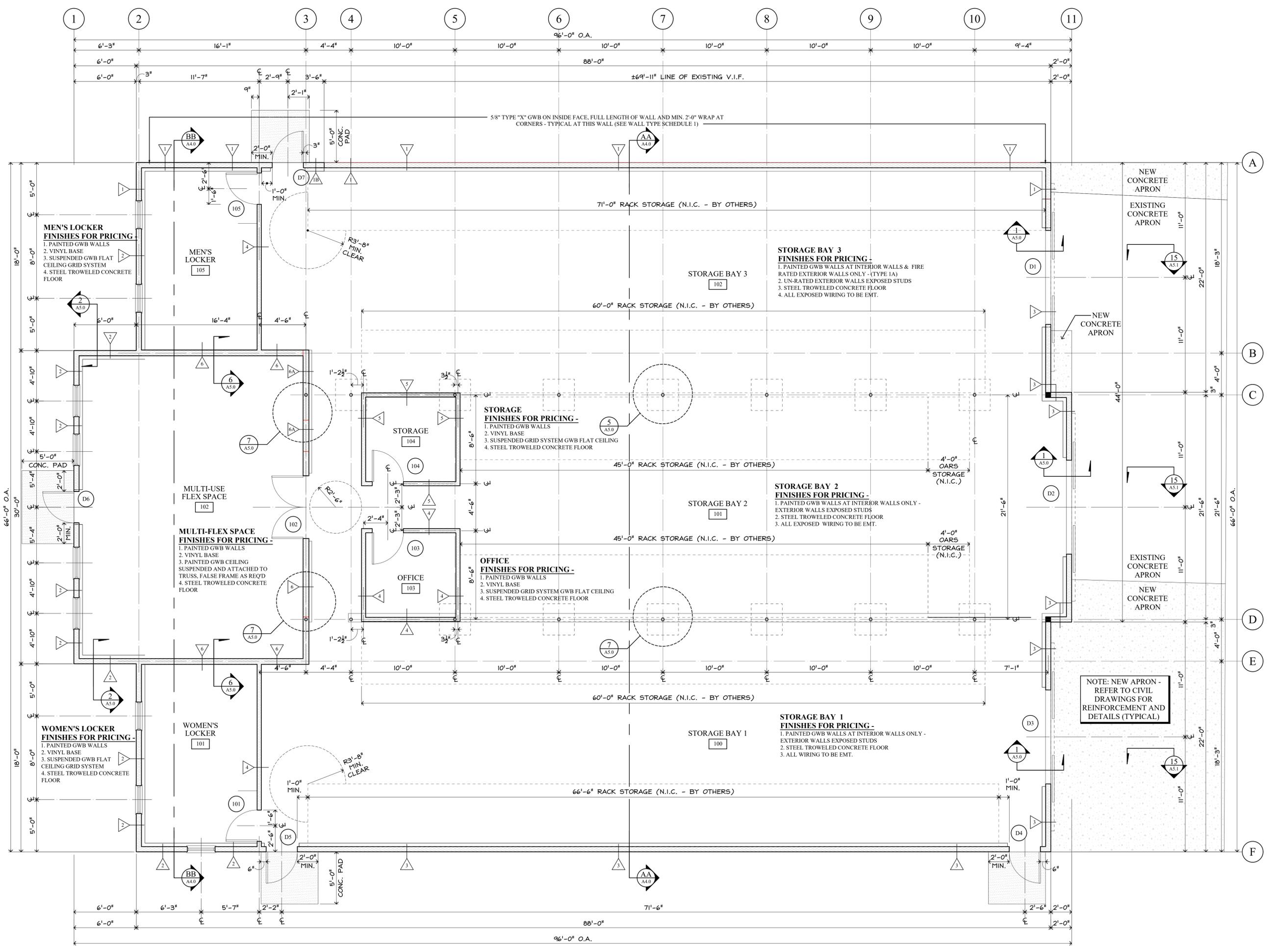
FOUNDATION PLAN  
 HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

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

SCALE: AS NOTED  
 BID SET DATE: JUNE 01, 2016

DRAWING RELEASE DATE: 06.01.16  
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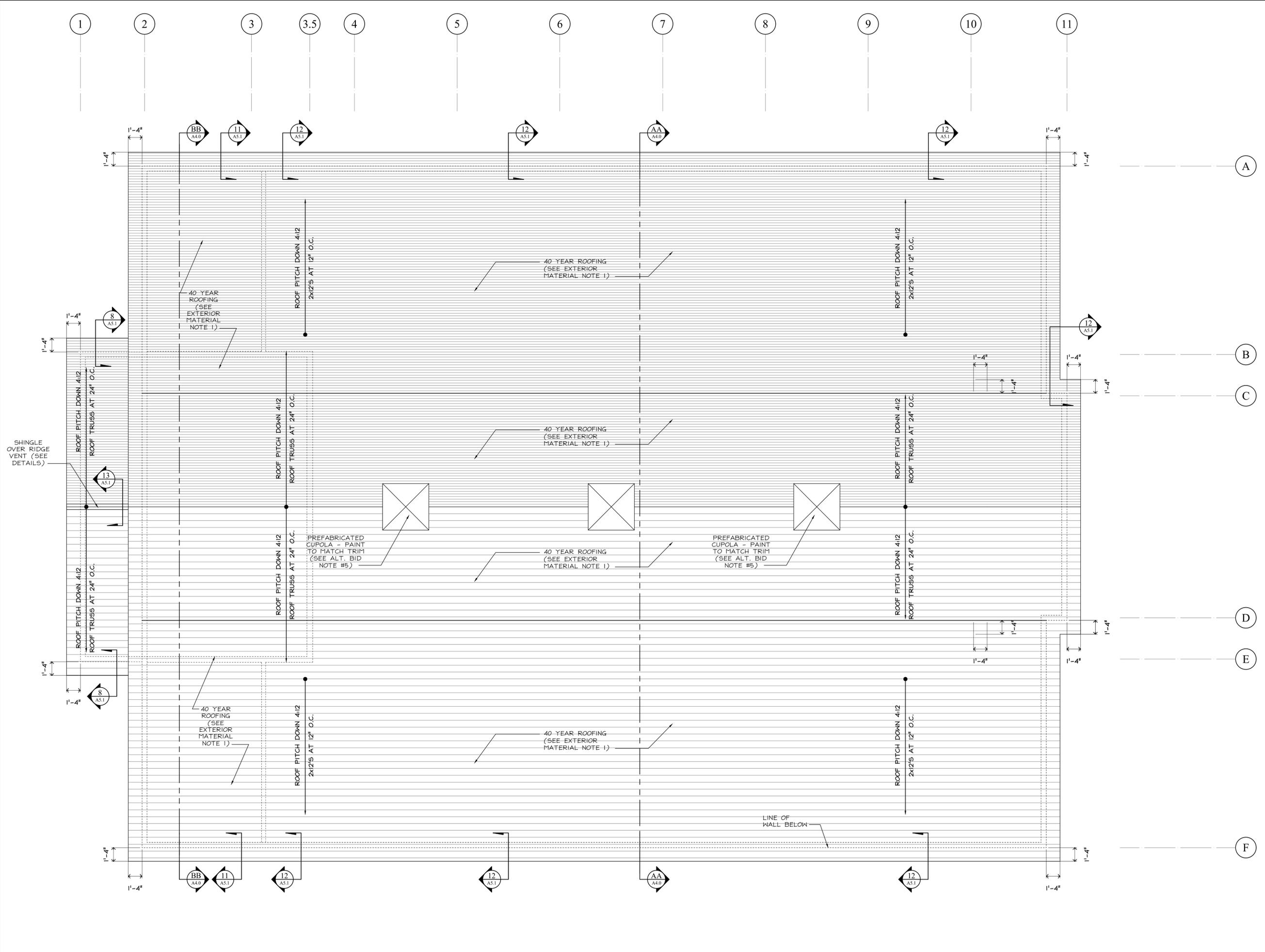
**A2.0**



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

**FLOOR PLAN**  
 HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG  
**NINA CUCCIO PECK**  
 ARCHITECTURE & INTERIORS  
 9 HALLS ROAD, PO BOX 841, OLD LYME, CONNECTICUT 06371

|                                   |                                                  |
|-----------------------------------|--------------------------------------------------|
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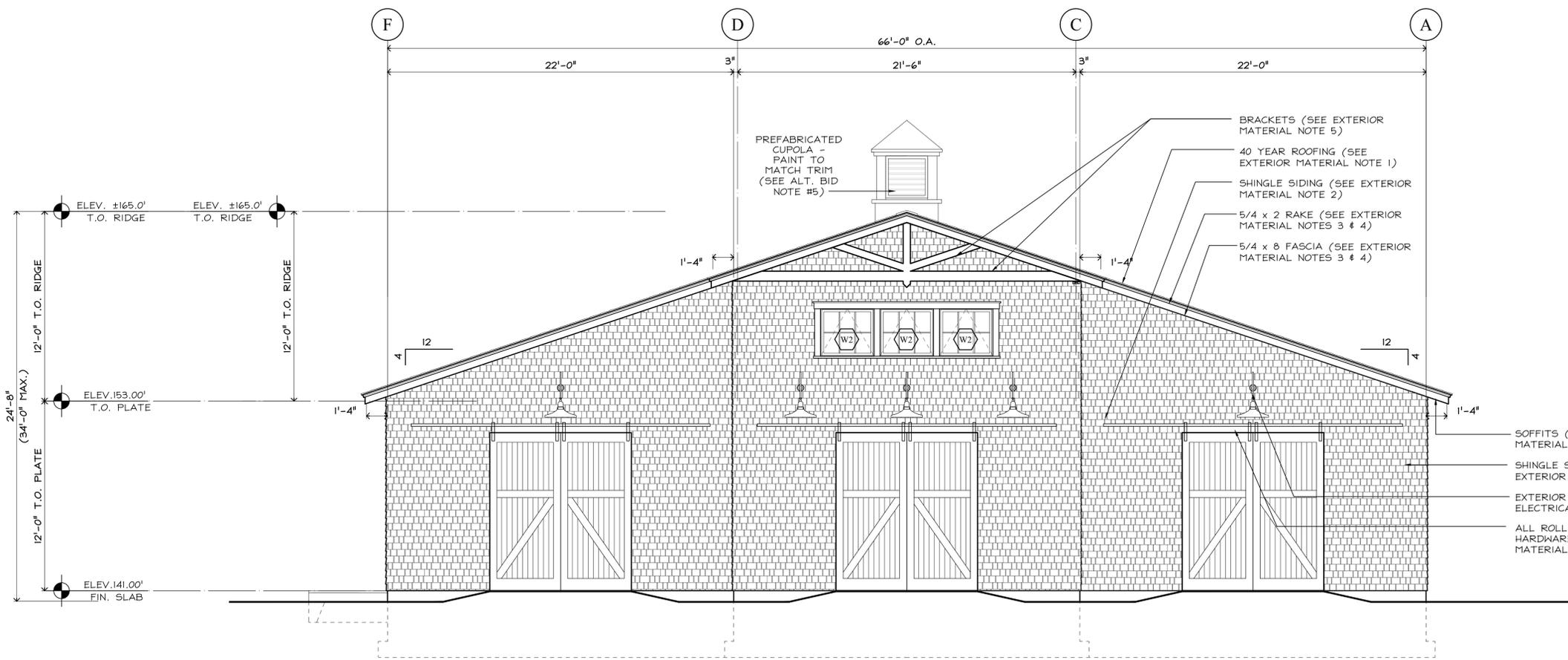


TITLE: NEW CONSTRUCTION  
**HAINS PARK BOATHOUSE  
 AT ROGERS LAKE**  
 166 BOSTON POST ROAD  
 OLD LYME, CT 06371

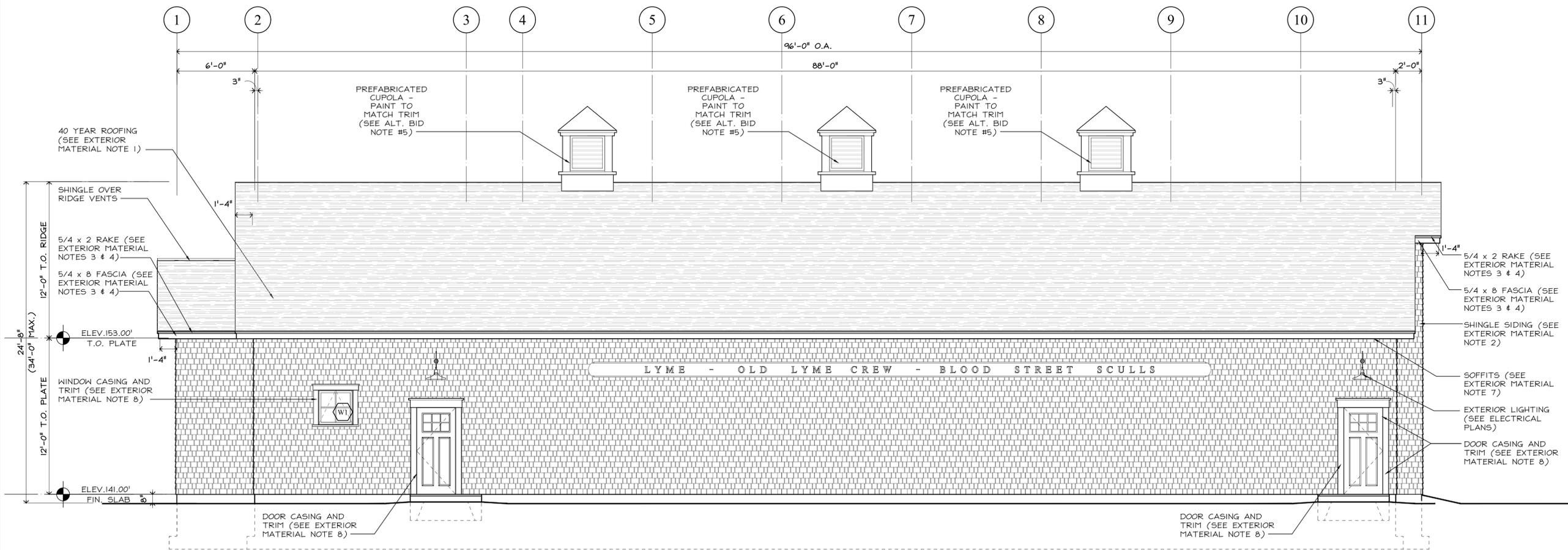
**ROOF PLAN**  
 HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG  
**NINA CUCCIO PECK**  
 ARCHITECTURE & INTERIORS  
 9 HALLS ROAD, PO BOX 841 OLD LYME, CONNECTICUT 06371

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**A2.2**



**NORTH (ROGERS LAKE) ELEVATION**



**BOSTON POST ROAD (EAST) ELEVATION**

**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 4:12 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 VINYL SHINGLE SIDING SHALL BE CERTAINTED TRIPLE 5" STRAIGHT EDGE PERFECTION SHINGLES OVER TYVEK MEMBRANE ON 1/2" CDX PLYWOOD (SEE ELEV'S TYP) - COLOR TO BE SELECTED BY ARCHITECT (TYPICAL)
3. UNLESS NOTED OTHERWISE ALL EXTERIOR TRIM, MOLDINGS AND APPURTENANCES SHALL BE PAINTED BORAL TRUEX EXTERIOR 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 2x MATERIAL AND FACED WITH BORAL TRIM TO BE PAINTED TO MATCH TRIM
6. ALL FLASHING TO POWDER COATED ALUMINUM, COLOR TO BE SELECTED BY ARCHITECT.
7. ALL SOFFITS SHALL HAVE CERTAINTED TRIPLE 3 1/3" INVISIBLIT VINYL SOFFIT W/ 1" CHANNELS, COLOR AS SELECTED BY ARCHITECT. ALL HEADWALLS AT HIP ROOFS SHALL HAVE CORA-VENT X5 SHINGLE OVER VENT W/ WINTER GUARD (SEE MANUFACTURER'S SPECIFICATIONS FOR DETAILS)
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 5/4x4 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.
10. CONTRACTOR SHALL ASSUME COLOR FOR ALL TRIM, ALUMINUM, AND OTHER ITEMS TO BE PAINTED TO BE DARK GREEN TO MATCH WINDOWS.

**ALTERNATE BID NOTES**

- CONTRACTOR TO PROVIDE THE FOLLOWING ALTERNATE BID ITEMS
1. ALTERNATE BID TO NOTE #2, "SIDING TO BE HARDI-PLANK BOARD AND BATTEN (TYPICAL)"
  2. OMITTED
  3. OMITTED
  4. GENERAL CONTRACTOR SHALL PROVIDE AND ALTERNATE BID FOR OVERHEAD DOOR SPEC. IN LIEU OF SLIDING BARN DOORS..
  5. GENERAL CONTRACTOR SHALL PROVIDE TWO SEPARATE LINE ITEM COSTS FOR CUPOLAS.
- BASE BID CUPOLA SHALL BE MODEL REDWING (GCLC) (MCC4CS), 48"x48"x74" WITH INSECT SCREENS, NO FINIAL, CEDAR TO BE PAINTED.
- ALTERNATE CUPOLA SHALL BE MODEL MONTEREY (MCC4CS), 48"x48"x74" WITH INSECT SCREENS, NO FINIAL, 3/4" AZEK BOARD CONSTRUCTION TO BE PAINTED.
- AS MANUFACTURED BY:  
 CUPOLAS DIRECT  
 PO BOX 36  
 HOLTWOOD, PA 17532  
 PHONE: 717-808-5711  
 FAX: 717-284-5272  
 EMAIL: CUPOLASDIRECT@GMAIL.COM

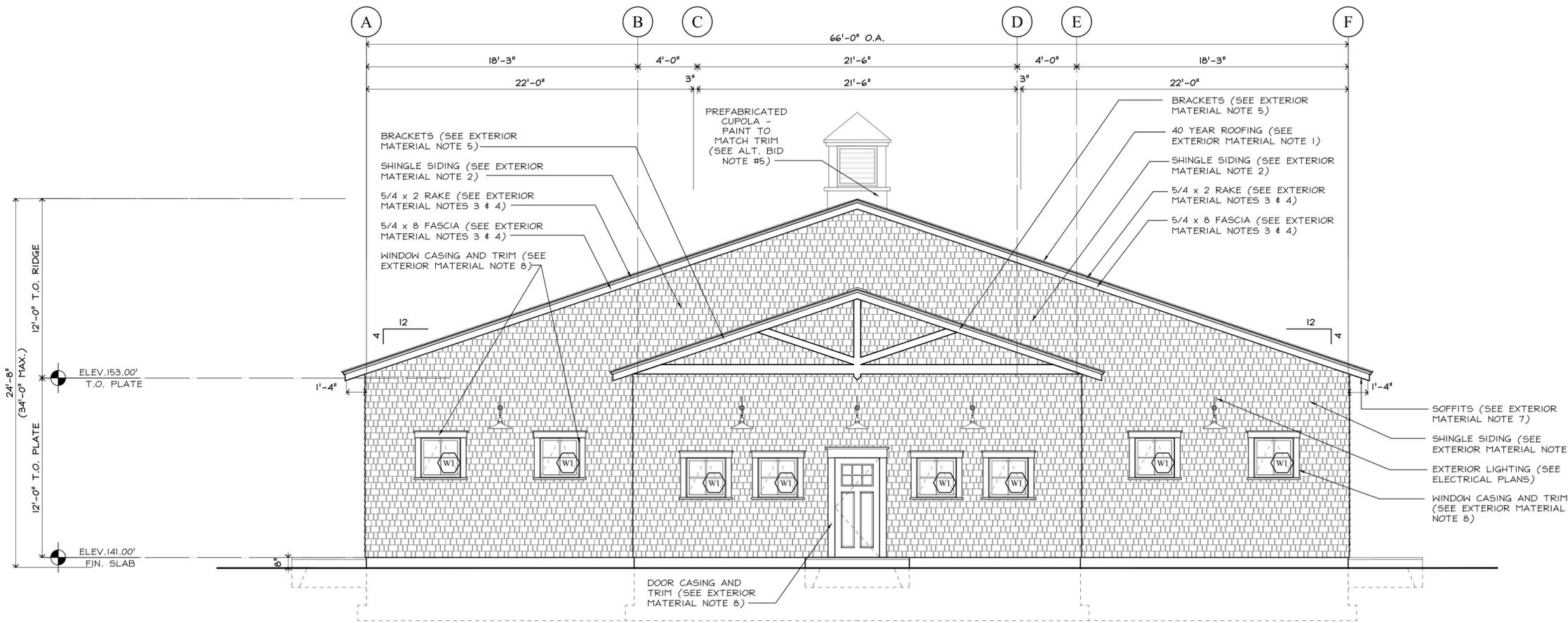
TITLE: NEW CONSTRUCTION  
**HAINS PARK BOATHOUSE AT ROGERS LAKE**  
 166 BOSTON POST ROAD  
 OLD LYME, CT 06371

**NORTH & EAST ELEVATIONS**  
 HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

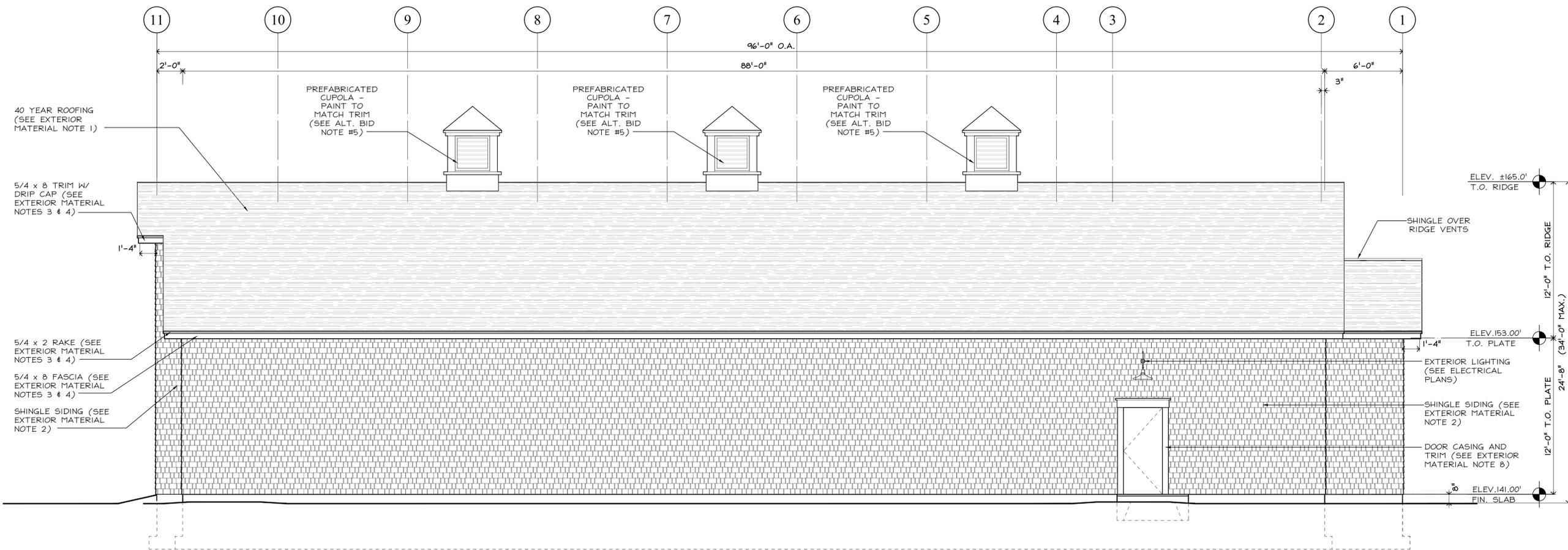
**NINA CUCCIO PECK**  
 ARCHITECTURE & INTERIORS  
 9 HALLS ROAD, PO BOX 841, OLD LYME, CONNECTICUT 06371

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**A3.0**



**SOUTH (TOWN WOODS ROAD) ELEVATION**



**WEST ELEVATION**

**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 4:12 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 SHINGLES OVER RIDGE VENT, CORA-A-VENT X5 SERIES, (11") OR EQUAL.
2. ALL VINYL SHINGLE SIDING SHALL BE CERTAINTED TRIPLE 5" STRAIGHT EDGE PERFECTION SHINGLES OVER TYVEK MEMBRANE ON 1/2" CDX PLYWOOD (SEE ELEV'S TYP) - COLOR TO BE SELECTED BY ARCHITECT (TYPICAL)
3. UNLESS NOTED OTHERWISE ALL EXTERIOR TRIM, MOLDINGS AND APPURTENANCES SHALL BE PAINTED BORAL TRU EXTERIOR 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 2x MATERIAL AND FACED WITH BORAL TRIM TO BE PAINTED TO MATCH TRIM
6. ALL FLASHING TO POWDER COATED ALUMINUM, COLOR TO BE SELECTED BY ARCHITECT.
7. ALL SOFFITS SHALL HAVE CERTAINTED TRIPLE 3 1/3" INVISIBLIT VINYL SOFFIT W/ "J" CHANNELS, COLOR AS SELECTED BY ARCHITECT. ALL HEADWALLS AT HIP ROOFS SHALL HAVE CORA-VENT X5 SHINGLE OVER VENT W/ WINTER GUARD (SEE MANUFACTURER'S SPECIFICATIONS FOR DETAILS)
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.
10. CONTRACTOR SHALL ASSUME COLOR FOR ALL TRIM, ALUMINUM, AND OTHER ITEMS TO BE PAINTED TO BE DARK GREEN TO MATCH WINDOWS.

**ALTERNATE BID NOTES**

- CONTRACTOR TO PROVIDE THE FOLLOWING ALTERNATE BID ITEMS
1. ALTERNATE BID TO NOTE #2, "SIDING TO BE HARDI-PLANK BOARD AND BATTEN (TYPICAL)"
  2. OMITTED
  3. OMITTED
  4. GENERAL CONTRACTOR SHALL PROVIDE AND ALTERNATE BID FOR OVERHEAD DOOR SPEC. IN LIEU OF SLIDING BARN DOORS..
  5. GENERAL CONTRACTOR SHALL PROVIDE TWO SEPARATE LINE ITEM COSTS FOR CUPOLAS.
- BASE BID CUPOLA SHALL BE MODEL REDWING (GCLC) (MCC4CS), 48"x48"x74" WITH INSECT SCREENS, NO FINIAL, CEDAR TO BE PAINTED.
- ALTERNATE CUPOLA SHALL BE MODEL MONTEREY (MCC4CS), 48"x48"x74" WITH INSECT SCREENS, NO FINIAL, 3/4" AZEK BOARD CONSTRUCTION TO BE PAINTED.

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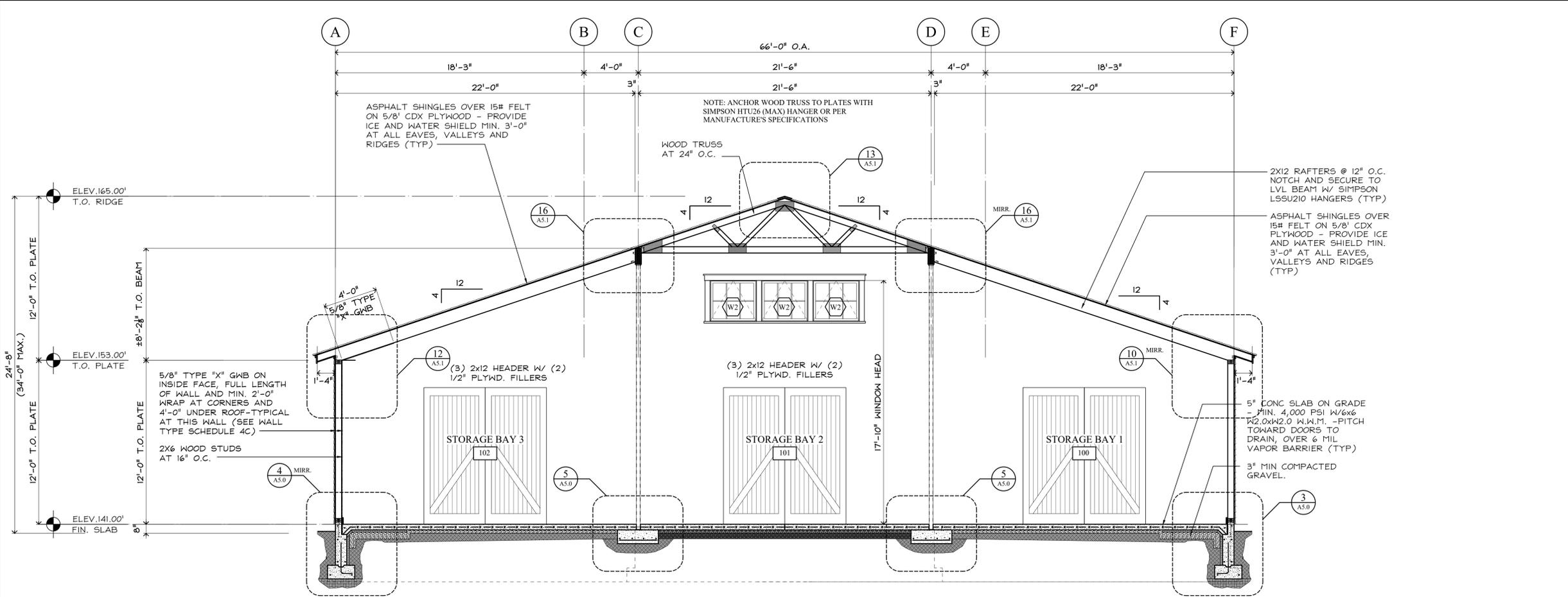
TITLE: NEW CONSTRUCTION  
**HAINS PARK BOATHOUSE  
 AT ROGERS LAKE**  
 166 BOSTON POST ROAD  
 OLD LYME, CT 06371

**SOUTH & WEST ELEVATIONS**  
 HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

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

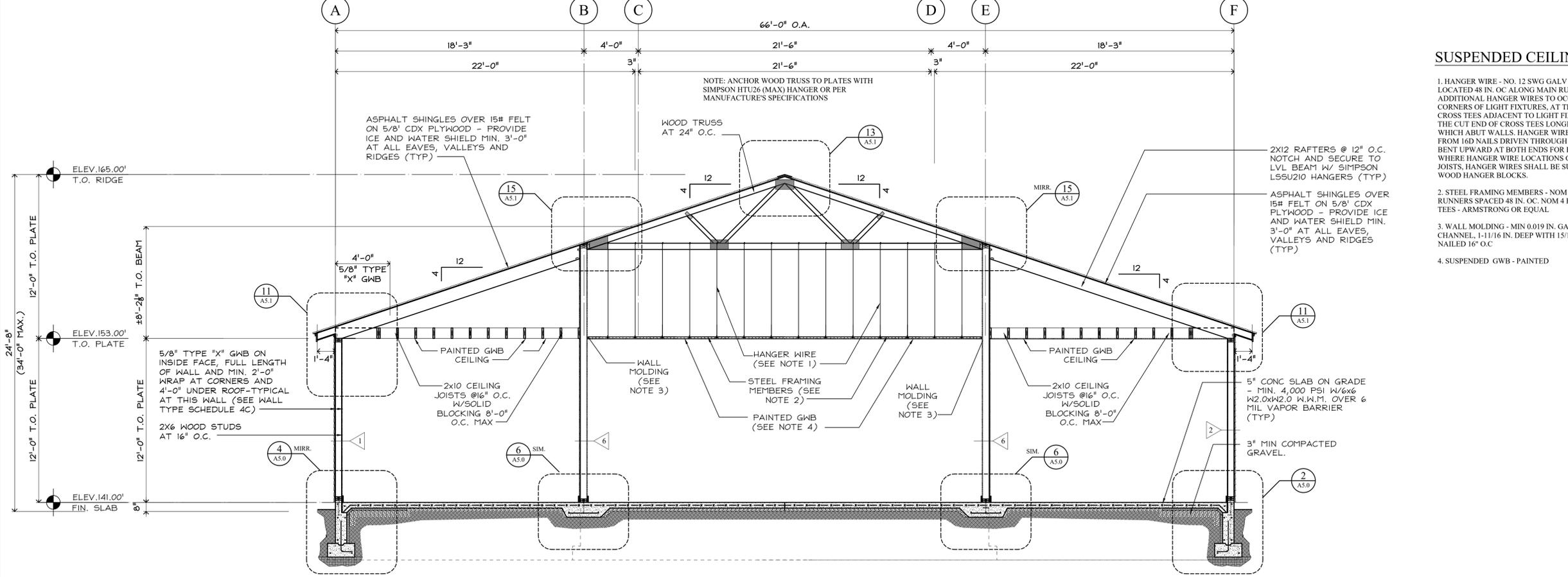
SCALE: AS NOTED  
 BID SET DATE: JUNE 01, 2016

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TYPICAL BUILDING CROSS SECTION "AA"

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



TYPICAL BUILDING CROSS SECTION "BB"

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 4:12 PITCH. COLOR SELECTED BY ARCHITECT. PROVIDE ICE AND WATER SHIELD BY W.R. GRACE, MIN. 3'-0" AT ALL EAVES, VALLEYS AND RIDGES SHALL HAVE SHINGLE OVER RIDGE VENT, CORA-A-VENT X5 SERIES, (11") OR EQUAL.
2. ALL VINYL SHINGLE SIDING SHALL BE CERTAINTED TRIPLE 5" STRAIGHT EDGE PERFECTION SHINGLES OVER TYVEK MEMBRANE ON 1/2" CDX PLYWOOD (SEE ELEV'S TYP) - COLOR TO BE SELECTED BY ARCHITECT (TYPICAL)
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10. CONTRACTOR SHALL ASSUME COLOR FOR ALL TRIM, ALUMINUM AND OTHER ITEMS TO BE PAINTED TO BE DARK GREEN TO MATCH WINDOWS.

**ALTERNATE BID NOTES**

CONTRACTOR TO PROVIDE THE FOLLOWING ALTERNATE BID ITEMS

1. ALTERNATE BID TO NOTE #2, "SIDING TO BE HARDI-PLANK BOARD AND BATTEN (TYPICAL)"
  2. OMITTED
  3. OMITTED
  4. GENERAL CONTRACTOR SHALL PROVIDE AND ALTERNATE BID FOR OVERHEAD DOOR SPEC. IN LIEU OF SLIDING BARN DOORS..
  5. GENERAL CONTRACTOR SHALL PROVIDE TWO SEPARATE LINE ITEM COSTS FOR CUPOLAS.
- BASE BID CUPOLA SHALL BE MODEL REDWING (GCLC) (MCC4CS), 48"x48"x74" WITH INSECT SCREENS, NO FINIAL, CEDAR TO BE PAINTED.
- ALTERNATE CUPOLA SHALL BE MODEL MONTEREY (MCC4CS), 48"x48"x74" WITH INSECT SCREENS, NO FINIAL, 3/4" AZEK BOARD CONSTRUCTION TO BE PAINTED.

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 FAX: 717-284-5272  
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TITLE: NEW CONSTRUCTION  
**HAINS PARK BOATHOUSE AT ROGERS LAKE**  
 166 BOSTON POST ROAD  
 OLD LYME, CT 06371

**BUILDING CROSS SECTIONS "AA" & "BB"**  
 HPB-CONDOS-AS\_SENT\_BINDER\_060116.DWG

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

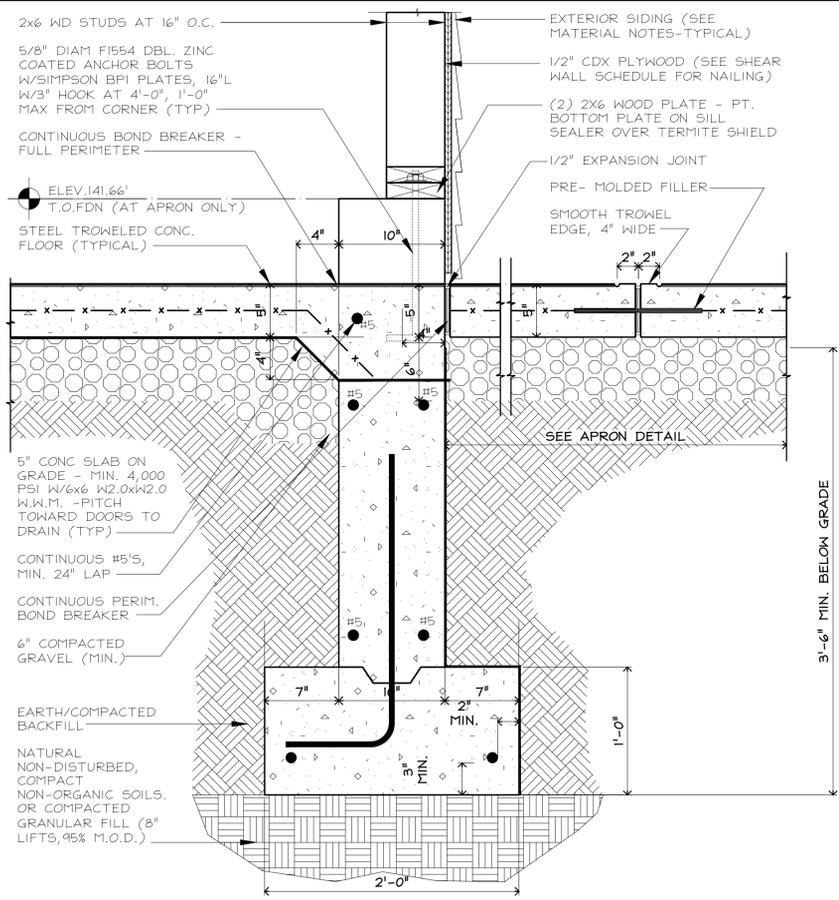
SCALE: AS NOTED  
 DRAWING RELEASE DATE: 06.01.16  
 BID SET DATE: JUNE 01, 2016  
 CONTRACT SET DATE: (REVISION SET DATES ABOVE)

**SUSPENDED CEILING NOTES**

1. HANGER WIRE - NO. 12 SWG GALV STEEL WIRE, LOCATED 48 IN. OC ALONG MAIN RUNNERS WITH ADDITIONAL HANGER WIRES TO OCCUR AT ALL FOUR CORNERS OF LIGHT FIXTURES, AT THE MIDSPAN OF CROSS TEES ADJACENT TO LIGHT FIXTURES, AND AT THE CUT END OF CROSS TEES LONGER THAN 23 IN. WHICH ABUT WALLS. HANGER WIRES SUPPORTED FROM 16D NAILS DRIVEN THROUGH WOOD TRUSS AND BENT UPWARD AT BOTH ENDS FOR POSITIVE SUPPORT. WHERE HANGER WIRE LOCATIONS OCCUR BETWEEN JOISTS, HANGER WIRES SHALL BE SUPPORTED FROM WOOD HANGER BLOCKS.
2. STEEL FRAMING MEMBERS - NOM 12 FT LONG MAIN RUNNERS SPACED 48 IN. OC. NOM 4 FT LONG CROSS TEES - ARMSTRONG OR EQUAL
3. WALL MOLDING - MIN 0.019 IN. GALV STEEL CHANNEL, 1-11/16 IN. DEEP WITH 15/16 IN. FLANGES, NAILED 16" O.C
4. SUSPENDED GWB - PAINTED

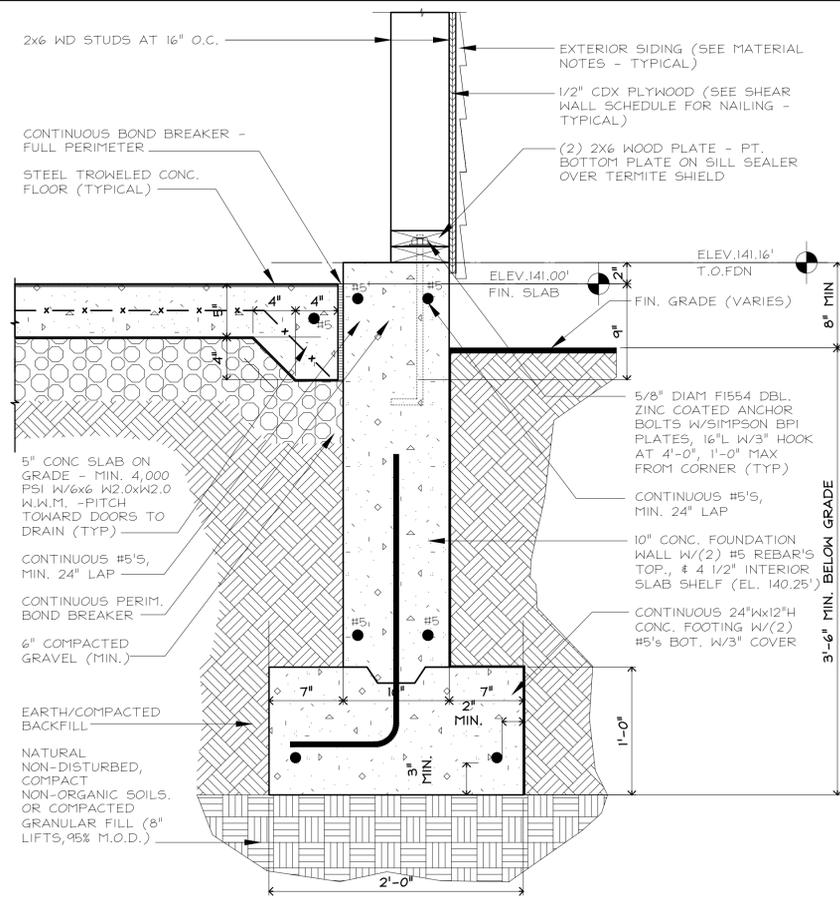
**A4.0**

BB  
A4.0



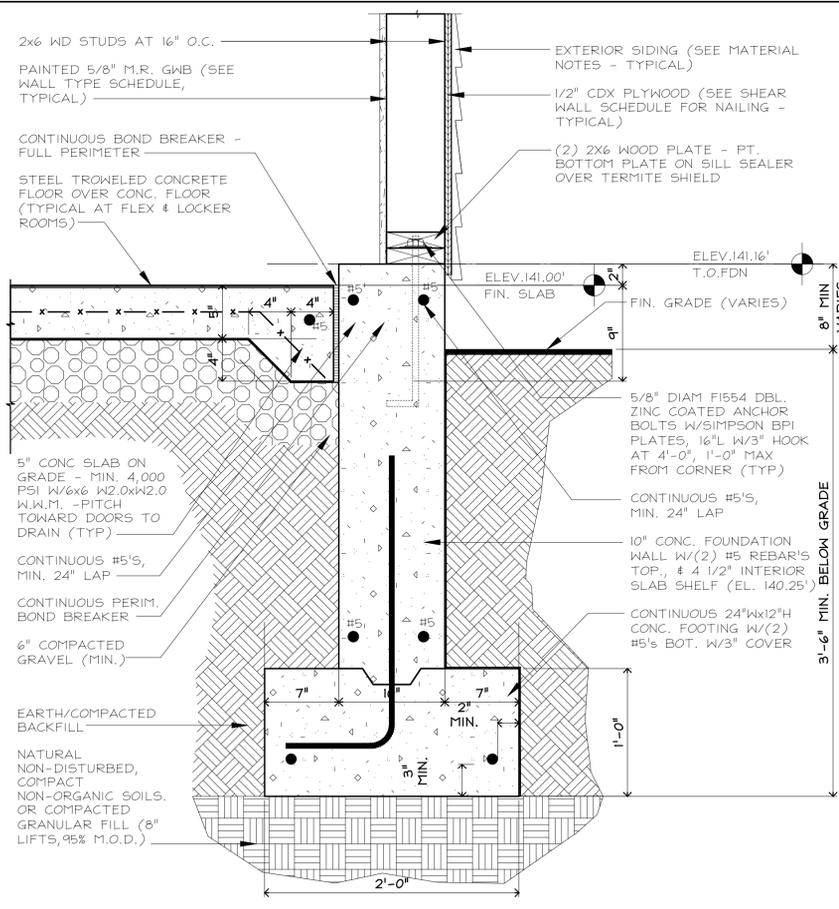
**TYP. NEW FOUNDATION DETAIL AT GARAGE DOOR**  
SCALE: 1 1/2" = 1'-0"

1  
A5.0



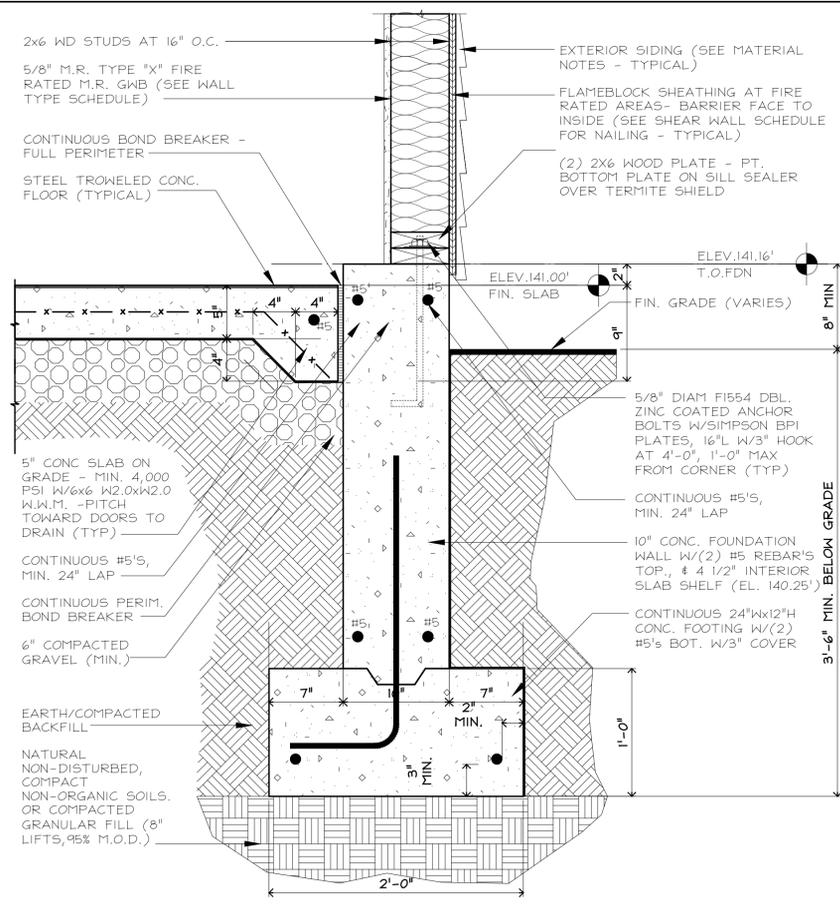
**TYPICAL NEW FOUNDATION WALL AT UNFINISHED AREAS**  
SCALE: 1 1/2" = 1'-0"

3  
A5.0



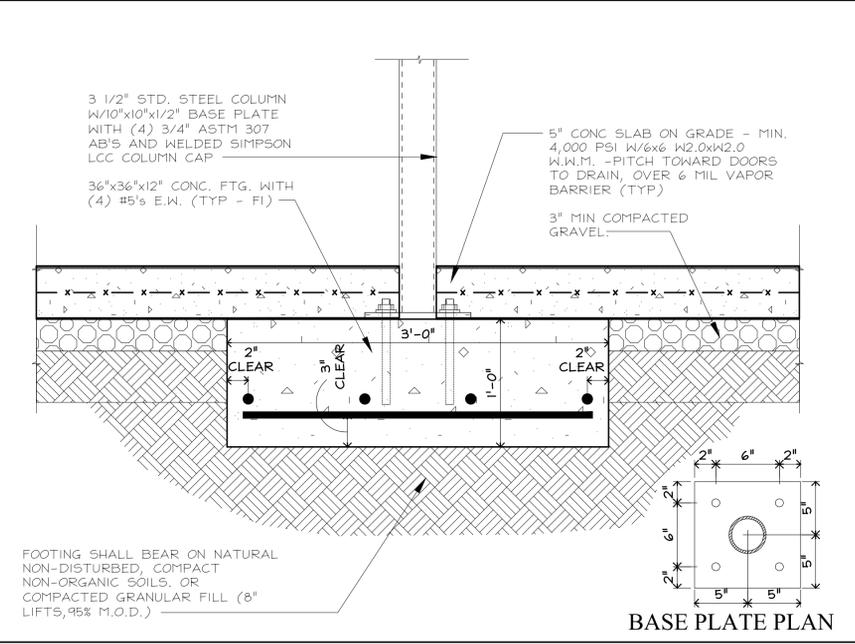
**TYPICAL NEW FOUNDATION WALL AT LOCKERS / FLEX SPACE**  
SCALE: 1 1/2" = 1'-0"

2  
A5.0



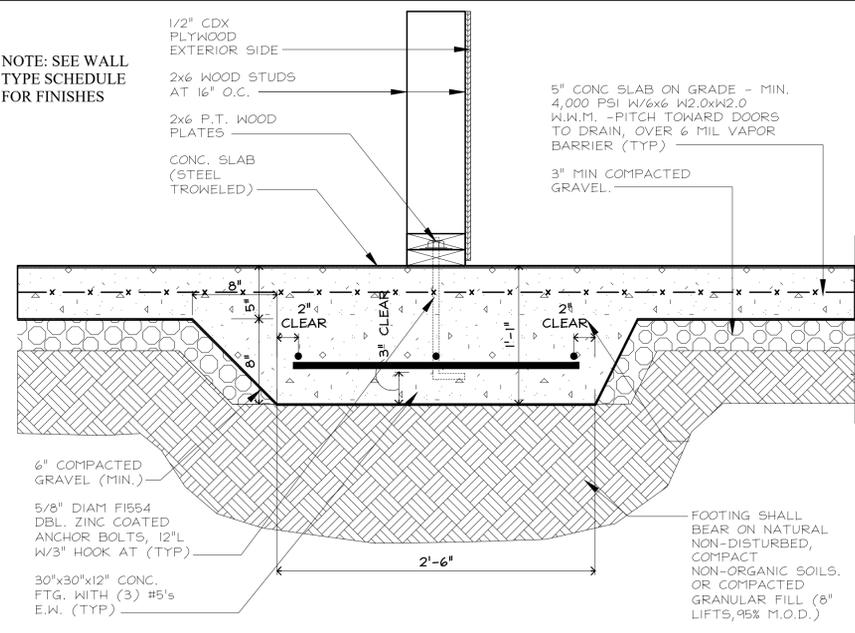
**TYPICAL NEW FOUNDATION WALL DETAIL AT 1 HR RATED WALL**  
SCALE: 1 1/2" = 1'-0"

4  
A5.0



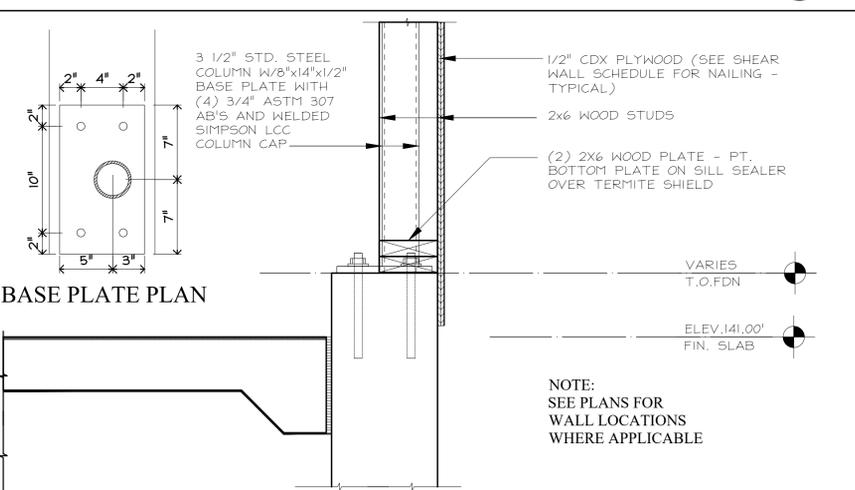
**TYPICAL INTERIOR FOOTING AT "F1"/"F2", COLUMN "C1"/"C2"**  
SCALE: 1 1/2" = 1'-0"

5  
A5.0



**CONTINUOUS FOOTING AT BEARING WALL / THICKENED SLAB**  
SCALE: 1 1/2" = 1'-0"

6  
A5.0



**TYPICAL COLUMN ON FOUNDATION WALL - TYPES C4 & C5**  
SCALE: 1 1/2" = 1'-0"

7  
A5.0

**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 4:12 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 VINYL SHINGLE SIDING SHALL BE CERTAINTED TRIPLE 5" STRAIGHT EDGE PERFECTION SHINGLES OVER TYVEK MEMBRANE ON 1/2" CDX PLYWOOD (SEE ELEV'S TYP) - COLOR TO BE SELECTED BY ARCHITECT (TYPICAL)
3. UNLESS NOTED OTHERWISE ALL EXTERIOR TRIM, MOLDINGS AND APPURTENANCES SHALL BE PAINTED BORAL TRU EXTERIOR 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 2x MATERIAL AND FACED WITH BORAL TRIM TO BE PAINTED TO MATCH TRIM
6. ALL FLASHING TO POWDER COATED ALUMINUM, COLOR TO BE SELECTED BY ARCHITECT.
7. ALL SOFFITS SHALL HAVE CERTAINTED TRIPLE 3 1/3" INVISIBLIT VINYL SOFFIT W/ "J" CHANNELS, COLOR AS SELECTED BY ARCHITECT. ALL HEADWALLS AT HIP ROOFS SHALL HAVE CORA-VENT X5 SHINGLE OVER VENT W/ WINTER GUARD (SEE MANUFACTURER'S SPECIFICATIONS FOR DETAILS)
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 5/4x4 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.
10. CONTRACTOR SHALL ASSUME COLOR FOR ALL TRIM, ALUMINUM AND OTHER ITEMS TO BE PAINTED TO BE DARK GREEN TO MATCH WINDOWS.

**ALTERNATE BID NOTES**

- CONTRACTOR TO PROVIDE THE FOLLOWING ALTERNATE BID ITEMS
1. ALTERNATE BID TO NOTE #2, "SIDING TO BE HARD-PLANK BOARD AND BATTEN (TYPICAL)"
  2. OMITTED
  3. OMITTED
  4. GENERAL CONTRACTOR SHALL PROVIDE AND ALTERNATE BID FOR OVERHEAD DOOR SPEC. IN LIEU OF SLIDING BARN DOORS.
  5. GENERAL CONTRACTOR SHALL PROVIDE TWO SEPARATE LINE ITEM COSTS FOR CUPOLAS.
- BASE BID CUPOLA SHALL BE MODEL REDWING (GCLC) (MCC4C5), 48"x48"x74" WITH INSECT SCREENS, NO FINIAL, CEDAR TO BE PAINTED.
- ALTERNATE CUPOLA SHALL BE MODEL MONTEREY (MCC4C5), 48"x48"x74" WITH INSECT SCREENS, NO FINIAL, 3/4" AZEK BOARD CONSTRUCTION TO BE PAINTED.

AS MANUFACTURED BY:  
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PO BOX 36  
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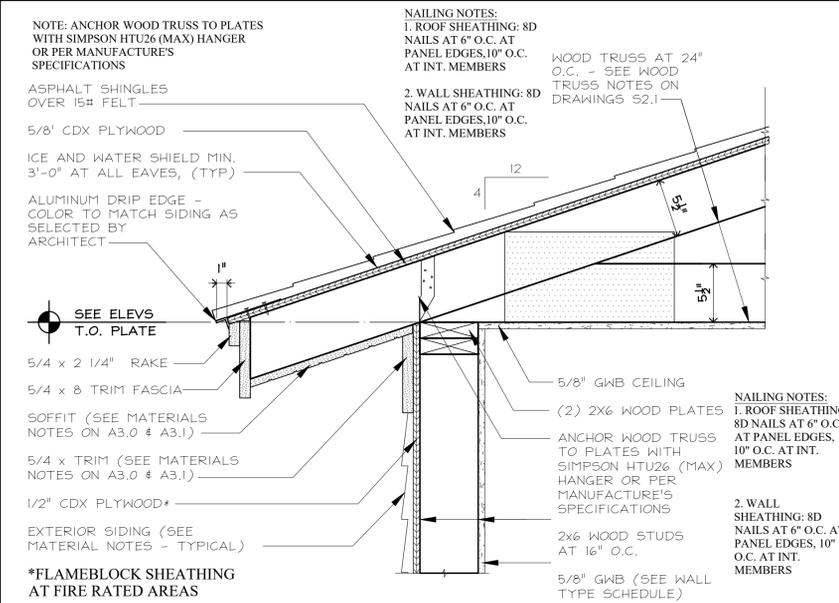
**TYPICAL DETAILS**

HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

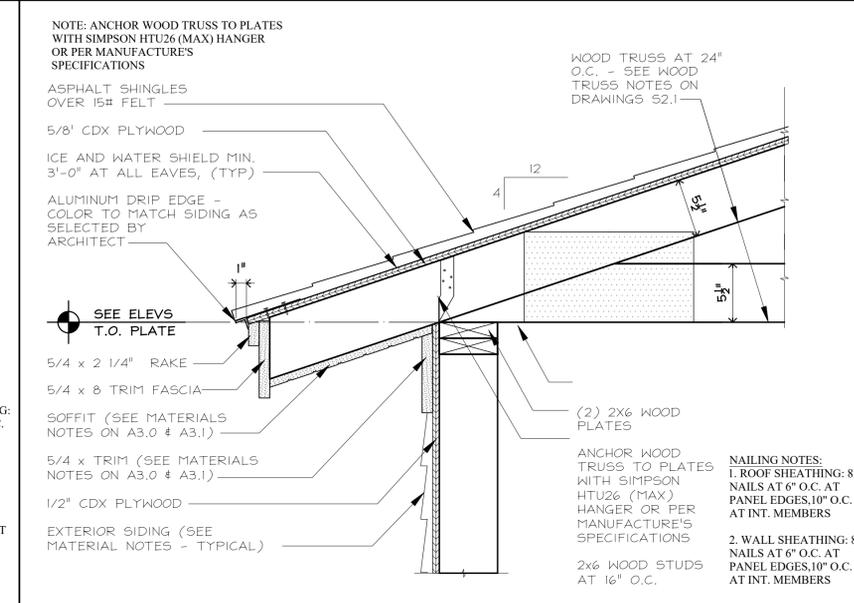
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|                                |                                               |
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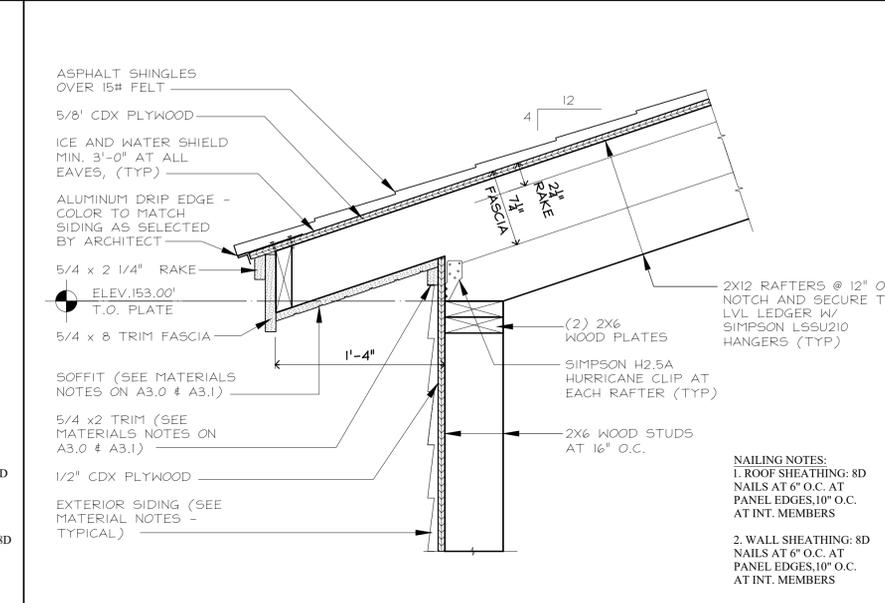
**A5.0**



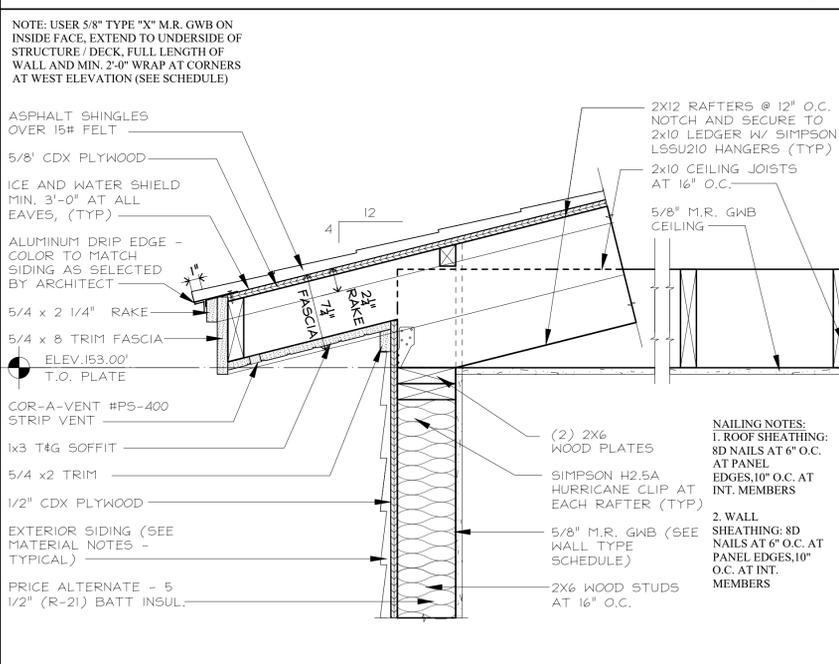
**TYPICAL TRUSS EAVE DETAIL LOWER FINISHED SPACE** (8) A5.1  
SCALE: 1 1/2" = 1'-0"



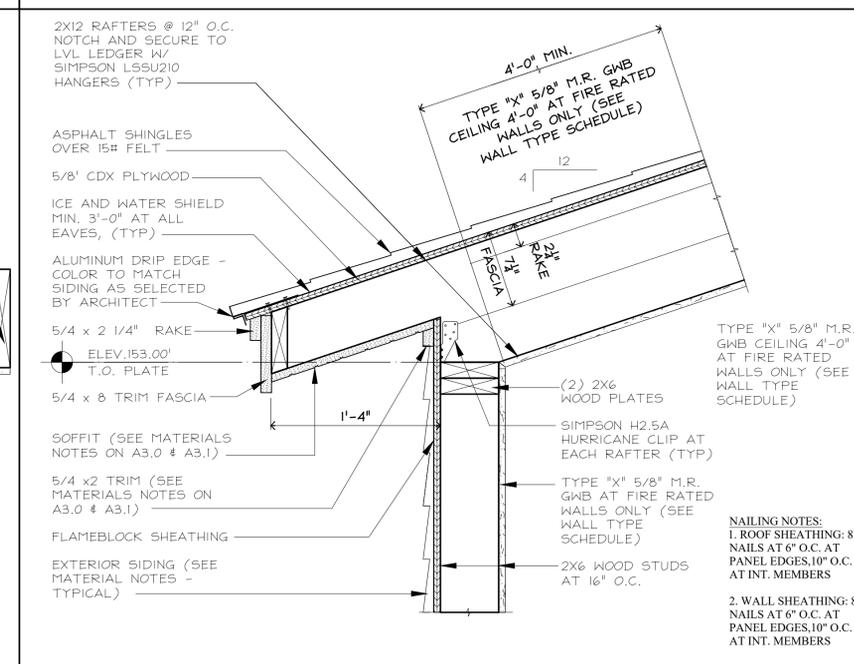
**TYPICAL TRUSS EAVE AT UNFINISHED AREAS** (9) A5.1  
SCALE: 1 1/2" = 1'-0"



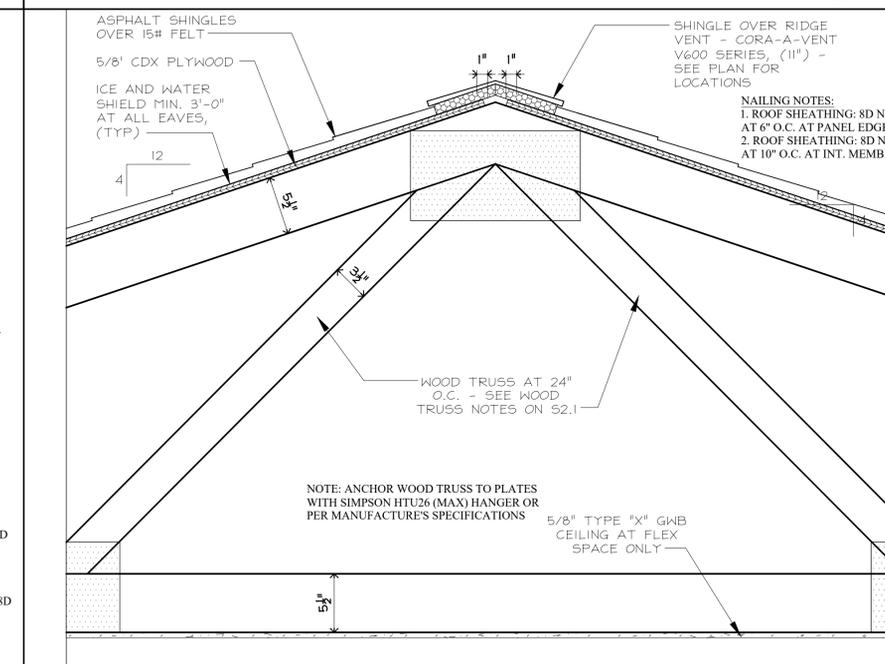
**TYPICAL 2x12 EAVE DETAIL AT UNFINISHED AREAS** (10) A5.1  
SCALE: 1 1/2" = 1'-0"



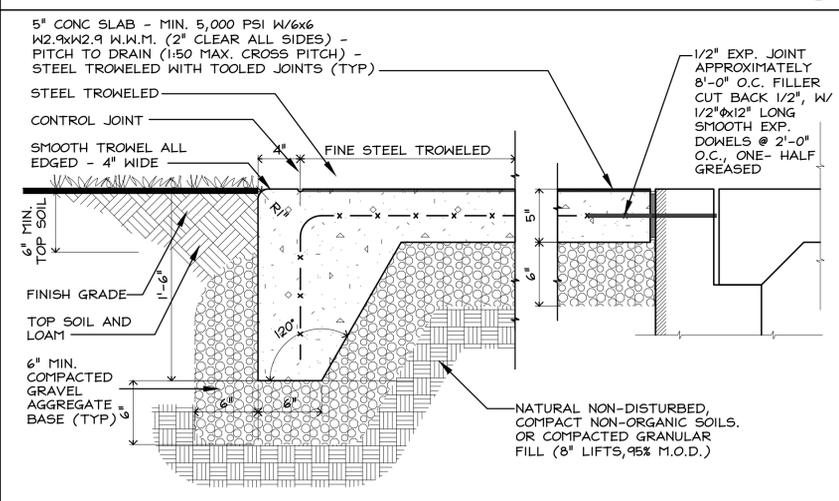
**TYPICAL 2x12 EAVE DETAIL AT LOCKER AREAS** (11) A5.1  
SCALE: 1 1/2" = 1'-0"



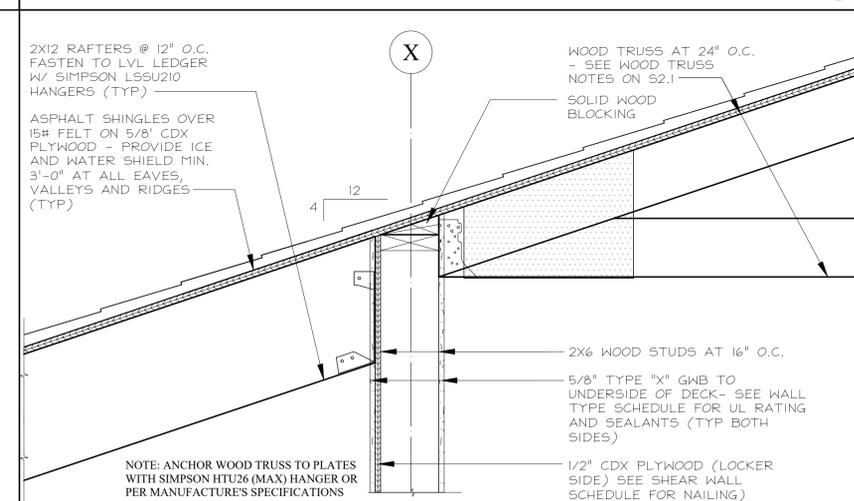
**TYPICAL 2x12 EAVE DETAIL AT 1 HOUR WALL** (12) A5.1  
SCALE: 1 1/2" = 1'-0"



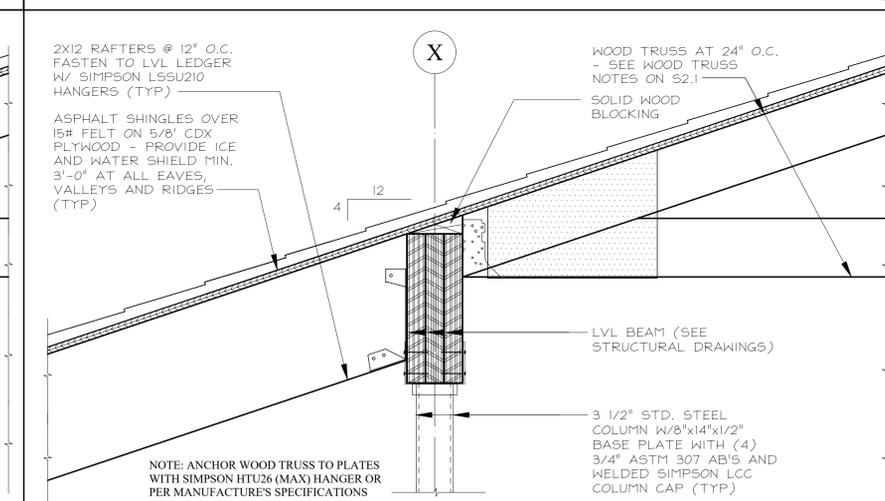
**TYPICAL RIDGE VENT DETAIL AT TRUSS** (13) A5.1  
SCALE: 1 1/2" = 1'-0"



**TYPICAL EDGE OF EXTERIOR STOOPS / WALKWAYS** (14) A5.1  
SCALE: 1 1/2" = 1'-0"



**TYPICAL ROOF DETAIL AT TRUSS & 2x12 FRAMING AT BEARING WALL** (15) A5.1  
SCALE: 1 1/2" = 1'-0"



**TYPICAL ROOF BEAM DETAIL AT TRUSS & 2x12 FRAMING** (16) A5.1  
SCALE: 1 1/2" = 1'-0"

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**TYPICAL DETAILS**

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SCALE: AS NOTED  
DRAWING RELEASE DATE: 06.01.16  
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## DOOR HARDWARE SCHEDULE

| HARDWARE SET "A"                                                                  | HARDWARE SET "B"                                                                                                                                                                               | HARDWARE SET "C"                                                                 | HARDWARE SET "D"                                                                                |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| ENTRY LOCK SET<br>1 1/2 PAIR BUTT HINGES<br>LCN CLOSER<br>KICK PANEL<br>SILENCERS | LEVER CLASSROOM/<br>PANIC HARDWARE (PAIR)<br>3 PAIR BUTT HINGES<br>2 LCN CLOSER<br>SILENCERS<br>2 KICK PANELS<br>2 DOOR STOP / WALL BUMPER<br>TOP HALF GLAZED<br>TOP & BOTTOM PIN PASSIVE SIDE | OFFICE LOCKSET<br>1 1/2 PAIR BUTT HINGES<br>SILENCERS<br>DOOR STOP / WALL BUMPER | STORAGE LOCKSET<br>1 1/2 PAIR BUTT HINGES<br>SILENCERS<br>DOOR STOP / WALL BUMPER<br>KICK PANEL |

| HARDWARE SET "E"                                                                                               | HARDWARE SET "F"                                                                                                                                                                                                                     | HARDWARE SET "G"                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PUSH/PULL PANELS<br>LCN CLOSER<br>1 1/2 PAIR BUTT HINGES<br>SILENCERS<br>DOOR STOP / WALL BUMPER<br>KICK PANEL | STAINLESS STEEL ROLLING<br>CLASSIC FLAT STAINLESS STEEL BY<br>REAL CARRIAGE HOUSE DOORS TO<br>ACCOMMODATE A MINIMUM DOOR<br>THICKNESS OF 2 1/4", MINIMUM<br><br>(2) STAINLESS STEEL CANE<br>BOLTS - DRILL HOLE IN SLAB<br>(INTERIOR) | CLOPAY COACHMAN COLLECTION<br>OVERHEAD DOOR DESIGN 11 PANEL<br>WITH REC14 WINDOWS<br><br>2 SPADE HANDLES<br>2 SPADE PLATES<br>6 SPADE HINGES (3 PER LEAF)<br>HIGH LIFT TRACK<br>LIFTMASTER 3240 1/2 HP SCREW DRIVE<br>GARAGE DOOR OPENER |

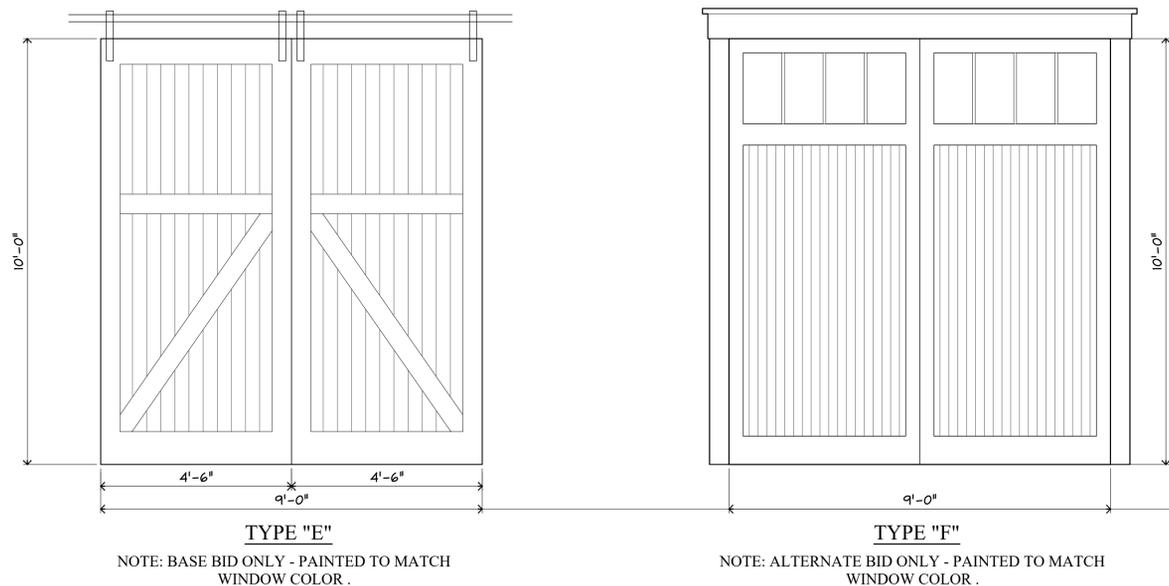
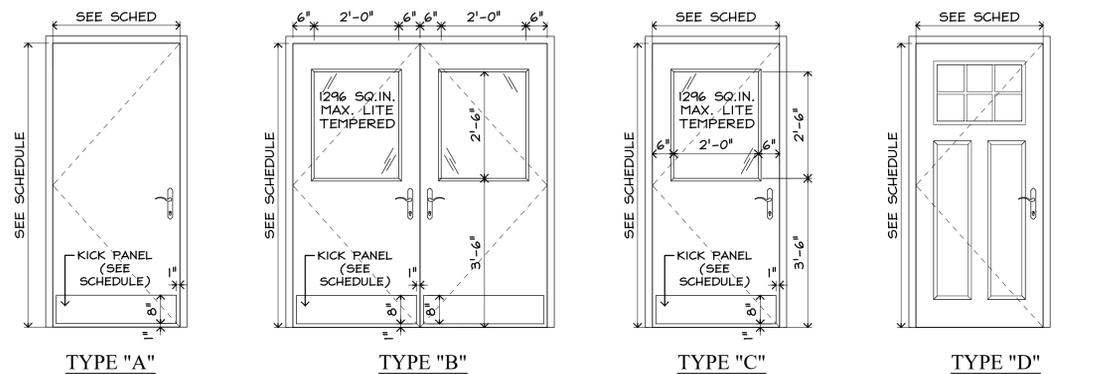
## DOOR NOTES

- 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 "C" LABEL DOORS SHALL INCLUDE WEATHER STRIP, METAL THRESHOLD AND FRAME TO MATCH FIRE RATING ACCORDINGLY
- 7.) ALL CLASS "C" LABEL DOORS TO BE (45 MINUTE FIRE RATING)
- 8.) PROVIDE INTEGRAL OR 1/8"x1 1/2" FLAT BAR ASTRAGAL AT ALL DOUBLE LEAF WOOD CLASS "C" LABEL DOORS.
- 9.) 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.
- 10.) ALL FIRE RATED DOORS SHALL BEAR THE UNDERWRITERS' LABORATORY LABEL (DO NOT PAINT OVER)

## BASE BID - DOOR SCHEDULE

| KEY | SIZE                            | TYPE                                            | FRAME                                        | CASING                                        | HARDWARE                           | ELEV. | REMARKS                                                                      |
|-----|---------------------------------|-------------------------------------------------|----------------------------------------------|-----------------------------------------------|------------------------------------|-------|------------------------------------------------------------------------------|
| 101 | 3'-0"x6'-8"                     | 1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER  | PAINTED METAL                                | PAINTED METAL                                 | PUSH/PULL SET "E"                  | A     |                                                                              |
| 102 | 6'-0"x6'-8" (PAIR)<br>"C" LABEL | HOLLOW METAL TOP HALF GLAZED                    | "C" LABEL PAINTED METAL                      | "C" LABEL PAINTED METAL                       | CLASSROOM SET "B"                  | B     |                                                                              |
| 103 | 3'-0"x6'-8"                     | PAINTED HOLLOW METAL TOP HALF GLAZED            | PAINTED METAL                                | PAINTED METAL                                 | OFFICE SET "C"                     | C     |                                                                              |
| 104 | 3'-0"x6'-8"                     | PAINTED HOLLOW METAL                            | PAINTED METAL                                | "C" LABEL PAINTED METAL                       | STORAGE SET "D"                    | A     |                                                                              |
| 105 | 3'-0"x6'-8"                     | PAINTED HOLLOW METAL                            | PAINTED METAL                                | PAINTED METAL                                 | PUSH/PULL SET "E"                  | A     |                                                                              |
| D1  | PAIR<br>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 - SEE ALTERNATE BID SCHEDULE |
| D2  | PAIR<br>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 - SEE ALTERNATE BID SCHEDULE |
| D3  | PAIR<br>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 - SEE ALTERNATE BID SCHEDULE |
| D4  | 3'-0"x6'-8"                     | JELD-WEN STEEL CRAFTSMANS SERIES 6-LITE #CC-866 | PAINTED STEEL FRAME - REDIFRAME BY DUNBARTON | PAINTED WOOD INTERIOR, PAINTED BORAL EXTERIOR | ENTRY LOCK SET "A"                 | D     | PAINTED TO MATCH TRIM                                                        |
| D5  | 3'-0"x6'-8"                     | JELD-WEN STEEL CRAFTSMANS SERIES 6-LITE #CC-866 | PAINTED WOOD                                 | PAINTED WOOD INTERIOR, PAINTED BORAL EXTERIOR | ENTRY LOCK SET "A"                 | D     | PAINTED TO MATCH TRIM                                                        |
| D6  | 3'-0"x6'-8"                     | JELD-WEN STEEL CRAFTSMANS SERIES 6-LITE #CC-866 | PAINTED WOOD                                 | PAINTED WOOD INTERIOR, PAINTED BORAL EXTERIOR | ENTRY LOCK SET "A"                 | D     | PAINTED TO MATCH TRIM                                                        |
| D7  | 3'-0"x6'-8"<br>45 MINUTE        | "C" LABEL, INSULATED CORE, FLUSH METAL DOOR     | "C" LABEL PAINTED METAL                      | PAINTED WOOD                                  | ENTRY LOCK SET "A"                 | A     | PAINTED TO MATCH TRIM                                                        |

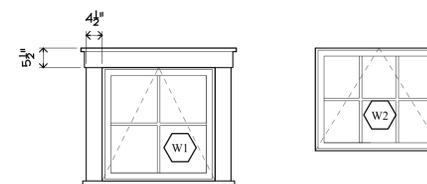
## DOOR TYPE ELEVATIONS



## ALTERNATE BID ~ DOOR SCHEDULE

| KEY | SIZE                            | TYPE                                            | FRAME                   | CASING                  | HARDWARE                       | ELEV. | REMARKS                                                                      |
|-----|---------------------------------|-------------------------------------------------|-------------------------|-------------------------|--------------------------------|-------|------------------------------------------------------------------------------|
| 101 | 3'-0"x6'-8"                     | 1 3/4" SOLID CORE PRE-FIN. BIRCH, 5-PLY VENEER  | PAINTED METAL           | PAINTED METAL           | PUSH/PULL SET "E"              | A     |                                                                              |
| 102 | 6'-0"x6'-8" (PAIR)<br>"C" LABEL | "C" LABEL, FLUSH METAL DOOR TOP HALF GLAZED     | "C" LABEL PAINTED METAL | "C" LABEL PAINTED METAL | CLASSROOM SET "B"              | B     |                                                                              |
| 103 | 3'-0"x6'-8"                     | PAINTED HOLLOW METAL TOP HALF GLAZED            | PAINTED METAL           | PAINTED METAL           | OFFICE SET "C"                 | C     |                                                                              |
| 104 | 3'-0"x6'-8"                     | PAINTED HOLLOW METAL                            | PAINTED METAL           | "C" LABEL PAINTED METAL | STORAGE SET "D"                | A     |                                                                              |
| 105 | 3'-0"x6'-8"                     | PAINTED HOLLOW METAL                            | PAINTED METAL           | PAINTED METAL           | PUSH/PULL SET "E"              | A     |                                                                              |
| D1  | OVERHEAD<br>9'-0"x10'-0"        | CLOPAY 4 LAYER 2" INTELLICORE                   | PAINTED WOOD            | PAINTED WOOD            | OVERHEAD DOOR HARDWARE SET "G" | F     | CUSTOM BUILT OR ARCHITECT APPROVED MANUFACTURER - SEE ALTERNATE BID SCHEDULE |
| D2  | OVERHEAD<br>9'-0"x10'-0"        | CLOPAY 4 LAYER 2" INTELLICORE                   | PAINTED WOOD            | PAINTED WOOD            | OVERHEAD DOOR HARDWARE SET "G" | F     | CUSTOM BUILT OR ARCHITECT APPROVED MANUFACTURER - SEE ALTERNATE BID SCHEDULE |
| D3  | OVERHEAD<br>9'-0"x10'-0"        | CLOPAY 4 LAYER 2" INTELLICORE                   | PAINTED WOOD            | PAINTED WOOD            | OVERHEAD DOOR HARDWARE SET "G" | F     | CUSTOM BUILT OR ARCHITECT APPROVED MANUFACTURER - SEE ALTERNATE BID SCHEDULE |
| D4  | 3'-0"x6'-8"                     | JELD-WEN STEEL CRAFTSMANS SERIES 6-LITE #CC-866 | PAINTED WOOD            | PAINTED WOOD            | ENTRY LOCK SET "A"             | D     | PAINTED TO MATCH TRIM                                                        |
| D5  | 3'-0"x6'-8"                     | JELD-WEN STEEL CRAFTSMANS SERIES 6-LITE #CC-866 | PAINTED WOOD            | PAINTED WOOD            | ENTRY LOCK SET "A"             | D     | PAINTED TO MATCH TRIM                                                        |
| D6  | 3'-0"x6'-8"                     | JELD-WEN STEEL CRAFTSMANS SERIES 6-LITE #CC-866 | PAINTED WOOD            | PAINTED WOOD            | ENTRY LOCK SET "A"             | D     | PAINTED TO MATCH TRIM                                                        |
| D7  | 3'-0"x6'-8"<br>45 MINUTE        | "C" LABEL, INSULATED CORE, FLUSH METAL DOOR     | "C" LABEL PAINTED METAL | PAINTED WOOD            | ENTRY LOCK SET "A"             | A     | PAINTED TO MATCH TRIM                                                        |

## WINDOW TYPE ELEVATIONS



## 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" w X<br>2'-8" h R.O.         | ANDERSEN 400 SERIES | AX281 | CLAD AWNING | WHITE HARDWARE PAINTED AND PRIMED INT. | LITES PER ELEVATIONS, CLAD EXTERIOR - FOREST GREEN COLOR |
| W2  | 3'-0 1/2" w X<br>2'-4 7/8" h R.O. | ANDERSEN 400 SERIES | AW31  | CLAD AWNING | WHITE HARDWARE PAINTED AND PRIMED INT. | LITES PER ELEVATIONS, CLAD EXTERIOR - FOREST GREEN COLOR |
| W3  | OMITTED                           |                     |       |             |                                        |                                                          |

TITLE: NEW CONSTRUCTION  
**HAINS PARK BOATHOUSE  
AT ROGERS LAKE**

166 BOSTON POST ROAD  
OLD LYME, CT 06371

**WINDOW AND DOOR  
SCHEDULES & NOTES**

HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

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

SCALE:  
AS NOTED

BID SET DATE:  
JUNE 01, 2016

DRAWING RELEASE DATE:  
06.01.16

CONTRACT SET DATE:  
(REVISION SET DATES ABOVE)

A6.0

STRUCTURAL NOTES AND SCHEDULES

DESIGN LOADS

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

GENERAL

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF 2005 CONNECTICUT STATE BUILDING CODE AND ALL SUPPLEMENTS AND AMENDMENTS TO THE 2003 INTERNATIONAL BUILDING CODE.
- THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGN TEAM.
- 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 ARCHITECT.
- 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.
- CONTRACTOR SHALL SUBMIT STAMPED TRUSS DRAWINGS BY A CONNECTICUT LICENSED STRUCTURAL ENGINEER FOR REVIEW AND SUBMITTAL TO THE TOWN BUILDING DEPARTMENT FOR RECORD

FOUNDATIONS

- 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.
  - 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 STRUCTURAL FILL PRIOR TO PROCEEDING WITH CONSTRUCTION.
  - THE GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF OSHA REGARDING OPEN HOLES, SLOPE STABILITY AND EXCAVATION PROCEDURES.
  - ALL FOUNDATIONS FOOTINGS SHALL BE 4'-0" OR MORE BELOW FINISHED GRADE.
  - 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.
  - 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.
  - 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.
  - CONTROLLED STRUCTURAL FILL SHALL CONFORM TO THE FOLLOWING GRADATION:
- | US SIEVE | % PASSING BY WEIGHT |
|----------|---------------------|
| 4"       | 100                 |
| 1"       | 80-100              |
| #4       | 25-55               |
| #20      | 10-55               |
| #40      | 5-35                |
| #200     | less than 5%        |
- CRUSHED STONE SHALL BE CLEAN CRUSHED STONE CONFORMING TO ASTM C33, 3/4" NOMINAL SIZE.

REINFORCED CONCRETE

- ALL CONCRETE WORK SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE'S "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-95).
- 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
- ALL REINFORCING SHALL BE HIGH-STRENGTH DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60.
- 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.
- PROVIDE TOTAL AIR ENTRAINMENT OF 6% (4) FOR ALL CONCRETE EXPOSED TO WEATHER.
- MAXIMUM SLUMP FOR CONCRETE SHALL BE 4" +/- 1" AND SHALL BE TESTED IN ACCORDANCE WITH ASTM C94.
- 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 (W/W) ..... W/W SHALL BE PLACED AT A DISTANCE = 1/3 OF THE DEPTH FROM THE TOP OF SLAB, 1 1/2" MINIMUM.
- 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.
- PROVIDE TWO #5 BARS (1 EACH FACE) WITH 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE UNLESS SHOWN OTHERWISE.
- 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.
- WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDE AND END LAPS, AND SHALL BE WIRE TOGETHER. PROVIDE ADEQUATE SUPPORTS FOR MESH TO INSURE ITS LOCATION AS SHOWN ON DRAWINGS.
- 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.
- 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.
- 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.
- ALL CONCRETE CURING SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN ACI 308.

STRUCTURAL STEEL

- ALL WORK SHALL BE IN CONFORMANCE WITH THE "AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL, 9TH EDITION, ALLOWABLE STRESS DESIGN."
- 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
- 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.
- STEEL SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.
- ALL STRUCTURAL STEEL SHALL BE THOROUGHLY CLEANED (SSPC-SP3) AND RECEIVE ONE COAT OF SHOP APPLIED PRIMER.

STRUCTURAL LUMBER/ROUGH CARPENTRY

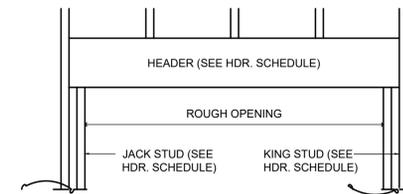
- ALL WORK SHALL BE IN CONFORMANCE WITH THE AMERICAN FOREST AND PAPER ASSOCIATION STANDARDS AND SPECIFICATIONS.
- ALL DIMENSIONAL LUMBER SHALL BE SPRUCE PINE FIR NORTH NO. 2 OR BETTER (19% MOISTURE CONTENT OR LESS.) ALL LUMBER EXPOSED TO WEATHER SHALL BE SOUTHERN YELLOW PINE NO. 2 OR BETTER WITH ACO PRESSURE TREATMENT PRESERVATIVE AND A MOISTURE CONTENT OF 19% OR LOWER.
- ALL INTERIOR AND EXTERIOR BEARING WALLS SHALL BE 2x6 AT 16" ON-CENTER SPRUCE PINE FIR NORTH NO. 2 OR BETTER, UNLESS NOTED OTHERWISE.
- PROVIDE METAL HANGERS AT ALL FLUSH FRAMED CONNECTIONS.
- 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.
- ALL WALL SHEATHING SHALL BE 5/8" GRADE CDX PLYWOOD.
- ALL ROOF DECK SHALL BE 5/8" GRADE CDX PLYWOOD AND SHALL BE SUPPORTED BY METAL CLIPS.
- ALL FLOOR DECK SHALL BE 3/4" GRADE C-D TONGUE AND GROOVE PLYWOOD.
- 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.
- ALL ROOF AREAS THAT ARE OVER-FRAMED SHALL CONTAIN ROOF DECKING ON THE UNDER-FRAMED MATERIAL, UNLESS NOTED OTHERWISE.
- WHERE INDICATED, ALL LUMBER NOTED AS "LVL" SHALL BE MICROLAM LAMINATED VENEER LUMBER, AS MANUFACTURED BY TRUSS JOIST MCMILLAN.
- WHERE INDICATED, ALL MEMBERS NOTED AS "BCI" SHALL BE TJI ENGINEERED WOOD JOISTS, AS MANUFACTURED BY TRUSS JOIST MCMILLAN. FLOOR BRIDGING AND/OR BLOCKING SHALL BE INSTALLED PER JOIST MANUFACTURER'S RECOMMENDATIONS.
- ALL PLYWOOD AND STRUCTURAL USE PANELS SHALL CONFORM TO THE REQUIREMENTS OF THE APA - THE ENGINEERED WOOD ASSOCIATION.
- ALL WALL STUDS CUT FOR OTHER TRADES OVER 1/4 OF THE STUD DEPTH SHALL BE DOUBLED.
- 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.
- WHERE STUD WALLS ARE GREATER THAN 8'-0", PROVIDE A ROW OF 2X SOLID HORIZONTAL BLOCKING.
- ALL OPENINGS SHALL BE FRAMED BY DOUBLE MEMBERS UNLESS NOTED OTHERWISE.
- 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.
- MINIMUM LUMBER ALLOWABLE DESIGN STRESSES SHALL BE AS FOLLOWS:

| MEMBER                                | MODULUS OF ELASTICITY, E  | FLEX. STRESS F <sub>b</sub> | COMP. PERP. TO GRAIN F <sub>c1</sub> | COMP. PARALLEL TO GRAIN F <sub>c2</sub> | HORIZ. SHEAR F <sub>v</sub> |
|---------------------------------------|---------------------------|-----------------------------|--------------------------------------|-----------------------------------------|-----------------------------|
| PSL COLUMNS                           | 1.8 x 10 <sup>6</sup> psi | 2400 psi                    | 425 psi                              | 2500 psi                                | 190 psi                     |
| LVL                                   | 2.0 x 10 <sup>6</sup> psi | 3100 psi                    | 750 psi                              | 3000 psi                                | 285 psi                     |
| SPRUCE PINE FIR NORTH, NO. 2          | 1.4 x 10 <sup>6</sup> psi | 875 psi                     | 425 psi                              | 1150 psi                                | 135 psi                     |
| SPRUCE PINE FIR NORTH, (STUDS)        | 1.3 x 10 <sup>6</sup> psi | 675 psi                     | 425 psi                              | 725 psi                                 | 135 psi                     |
| S-Y-P, NO. 2 (PRESSURE TREATED 2X'S)  | 1.4 x 10 <sup>6</sup> psi | 1350 psi                    | 480 psi                              | 1600 psi                                | 175 psi                     |
| S-Y-P, NO. 2 (PRESSURE TREATED POSTS) | 1.4 x 10 <sup>6</sup> psi | 1150 psi                    | 480 psi                              | 1500 psi                                | 175 psi                     |

FLOOR NAILING REQUIREMENTS

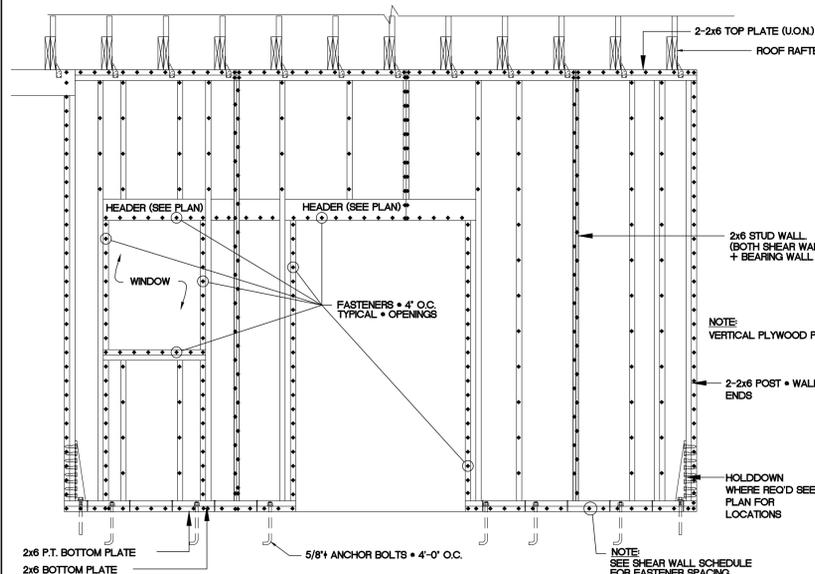
- BCI JOISTS AT BEARINGS: TWO 10D (3") BOX OR 12D (3 1/2") BOX NAILS (1 EACH SIDE), 1 1/2" MINIMUM FROM END
- BLOCKING PANELS, RIM JOIST OR RIM BOARD TO BEARING PLATE: BCI BLOCKING PANELS OR RIM JOIST: 10D (3") BOX NAILS AT 6" ON-CENTER.
- TRUSS JOIST RIM BOARD: TOENAIL WITH 10D (3") BOX NAILS AT 6" ON-CENTER OR 16D (3 1/2") 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



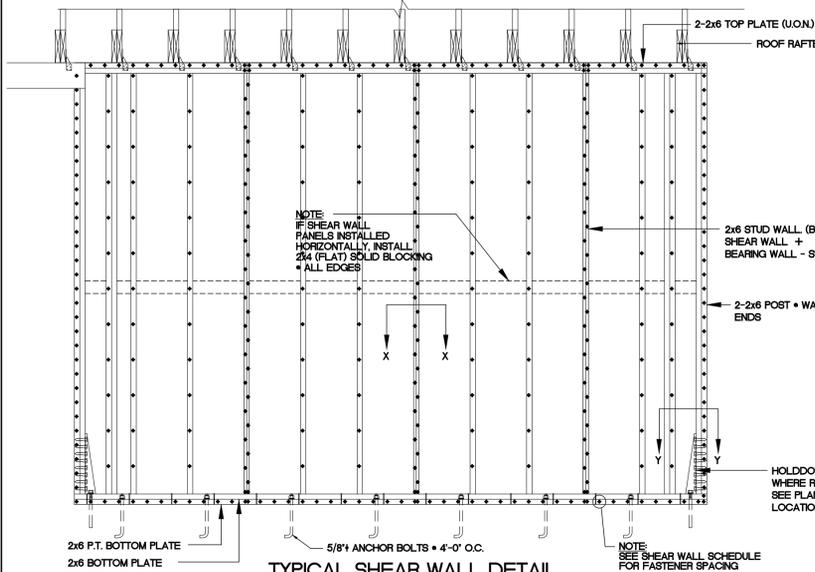
NOTE: STRAP BETWEEN HEADERS 8'-0" AND GREATER TO JACK STUD: SIMPSON H6.

TYPICAL SHEAR WALL DETAILS

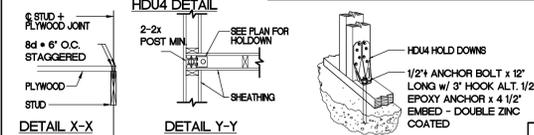


TYPICAL SHEAR WALL DETAIL WITH OPENINGS

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



TYPICAL SHEAR WALL DETAIL



TYPICAL SIMPSON CONNECTORS & NOTES

- 2x RAFTERS BASE - "H" SERIES CLIPS
- 2x RAFTER AT RIDGE BEAM-LSSU SERIES
- 2x RAFTER AT SKEWED BEAM-SURL 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:
- SHEAR WALL SHEATHING SHALL EXTEND FROM BOTTOM OF 2x PLATE TO UNDERSIDE OF DECKING AT EACH STORY.
  - ALL PANEL EDGES SHALL BE BLOCKED + ATTACHED PER SCHEDULE
  - SHEATHING MUST BE SPLICED OVER A SINGLE STUD.
  - HORIZONTAL BLOCKING MUST BE ADDED IF PANEL EDGES DO NOT LAND ON STUDS OR WALL TOP AND BOTTOM PLATES.

STRUCTURAL NOTES

- MINIMUM 3'-6" FROST DEPTH TO BE MAINTAINED FOR ALL FOOTINGS. ALL FOOTINGS SHALL BEAR ON NATURAL NON-DISTURBED, COMPACT NON-ORGANIC SOILS.
- CONTRACTOR TO COORDINATE EMBEDMENT OF ANCHOR BOLTS, HDU4, ETC. INTO CONCRETE.
- 5" CONC. FLOOR SLAB ON GRADE REINF W/ #3 @ 20" ON W.M. (OR FIBERMESH) OVER 6MIL VAPOR BARRIER ON 6" MIN COMPACTED GRAVEL.
- EXTERIOR SLABS TO BE POURED ON 6" MIN COMPACTED GRAVEL OVER COMPACTED GRANULAR SOILS PLACED IN 8" MAXIMUM LIFTS TO 95% COMPACTION RATIO.
- 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).
- ALL FRAMING LUMBER SHALL BE DRY (19% MAXIMUM MOISTURE CONTENT) SPRUCE PINE FIR No.2 GRADE WA BASE VALUE Fb OF 875 PSI, EXCEPT AS NOTED ON THE ROOF FRAMING PLAN.
- OMITTED
- ALL OPENINGS SHALL BE FRAMED WITH DOUBLE MEMBERS UNLESS SHOWN OTHERWISE-SEE HEADER SCHEDULE.
- ALL LAMINATED VENEER LUMBER AND COMPOSITE LUMBER SHALL BE MICROLAMS, TJI WOOD I SLABS, TIMBERSTRAND OR PARALLAMS AS PRODUCED BY TRUSS SLAB MCMILLAN, OR AN APPROVED EQUIVALENT.
- ALL METAL FRAMING CONNECTIONS SHALL BE FULLY NAILED AS PER MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR TO SUBMIT FOR REVIEW EXACT CONNECTION MANUFACTURER'S DATA SHEETS FOR EACH TYPE OF CONNECTION SPECIFIED.
- 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.
- ALL CONCRETE SHALL BE READY MIXED WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS FOR INTERIOR SLABS, FOOTINGS AND WALLS, 4000 PSI @ 28 DAYS FOR EXTERIOR SLABS AND WALKWAYS; 480 LBS. CEMENT PER CU. YD. MINIMUM W/C RATIO <0.45 MINIMUM PORTLAND CEMENT SHALL BE ANSII/ASTM C150, TYPE I; AGGREGATE SHALL BE ANSII/ASTM C33; WATER SHALL BE POTABLE.
- 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.
- ALL NAILED CONNECTIONS SHALL BE SECURED IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING CODE NAILING SCHEDULE UNLESS NOTED OTHERWISE ON DRAWINGS AND SCHEDULES.
- ALL WINDOW AND DOOR HEADERS SHALL BE AS INDICATED ON SCHEDULE.
- 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.
- ROOF SHEATHING: 5/8" PLYWOOD WITH 8D NAILS AT 6" ON CENTER AT PANEL EDGES UNLESS NOTE OTHERWISE.
- RAFTER STRAPS AT RIDGE: SIMPSON LSTA24 AT EVERY THIRD RAFTER.
- RAFTER STRAPS TO WALL PLATE: SIMPSON H2.5A AT EACH RAFTER.
- STRAP BETWEEN HEADERS 8'-0" AND GREATER TO JACK STUD: SIMPSON H6.
- FIRST FLOOR STUD TO SILL PLATE: 1/2" PLYWOOD WITH 8D NAILS AT 2" ON CENTER.
- 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)
- EXTERIOR PLYWOOD SHEATHING: 1/2" PLYWOOD WITH 8D NAILS AT 6" ON CENTER AT PANEL EDGES UNLESS OTHERWISE NOTED.
- 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.
- 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

TYPICAL STRUCTURAL NOTES AND DETAILS  
 HPB-CONDOCS-AS SENT BINDER 060116.DWG

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

SCALE: AS NOTED  
 BID SET DATE: JUNE 01, 2016  
 DRAWING RELEASE DATE: 06.01.16  
 CONTRACT SET DATE: (REVISION SET DATES ABOVE)

S1.0

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) - 2x6 ROOF ONLY<br>(2) - 2x8 ROOF & CEILING | 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" PLYWOOD FILLERS          | 2                    | 2                    |

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

STRUCTURAL ABBREVIATIONS

|        |                       |           |                         |                 |                             |
|--------|-----------------------|-----------|-------------------------|-----------------|-----------------------------|
| @ BRG. | AT BEARING BOARD      | ENGR. EQ. | ENGINEER EQUAL EXISTING | S/W SCHED. STD. | SHEARWALL SCHEDULE STANDARD |
| B.O.F. | BOTTOM OF FOOTING     | E.W.      | EXISTING 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.      | 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          | U.N.O.          | UNLESS NOTED OTHERWISE      |
| DIA.   | DIAMETER              | PL.       | METAL BLDG. MFR.        | VERT.           | VERTICAL                    |
| EA.    | EACH                  | P.T.      | PLATE                   | W/              | WITH                        |
| E.C.   | EPOXY-COATED          | PROVD     | PRESSURE TREATED        |                 |                             |
| E.F.   | EACH FACE             | REQ'D     | REQUIRED                |                 |                             |
| ENGR.  |                       | REINF.    | REINFORCING             |                 |                             |

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.

FRAMING PLAN NOTES

- TOP OF PLYWOOD SUBFLOOR DECK ELEVATION= XX.XX' UNLESS NOTED OTHERWISE. X.XX' INDICATES FLOOR DECK ELEVATION.
- INDICATES SPAN DIRECTION OF 3/4" TONGUE & GROOVE PLYWOOD FLOOR DECKING. DECKING SHALL BE GLUED AND NAILED AT 6" O.C.
- 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.
- INSTALL BLOCKING AND BRIDGING PER JOIST MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE DOUBLE FLOOR JOISTS BENEATH ALL NON-LOAD BEARING PARTITIONS.
- ALL NAILING SHALL BE FASTENED IN ACCORDANCE WITH TABLE 2304.9.1 OF THE CONNECTICUT STATE BUILDING CODE UNLESS NOTED OTHERWISE.

- COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
- COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.
- INDICATES SIMPSON HOLD-DOWN ANCHOR (SEE SHEARWALL SCHEDULE).
- SW1-7 INDICATES PERFORATED SHEARWALL DESIGNATION (SEE SHEARWALL SCHEDULE ON DRAWING S2.1)
- INDICATES SOLID WOOD SAWN LUMBER OR PSL POSTS, SEE PLANS FOR SIZE
- 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.
- HDR. INDICATES BUILT-UP 2x HEADER (SEE HEADER SCHEDULE).
- PLYWOOD WALL SHEATHING SHALL BE ORIENTED VERTICALLY.

**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.

**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.
8. 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.
9. CONTRACTOR SHALL SUBMIT STAMPED TRUSS DRAWINGS BY A CONNECTICUT LICENSED STRUCTURAL ENGINEER FOR REVIEW AND SUBMITTAL TO THE TOWN BUILDING DEPARTMENT FOR RECORD.

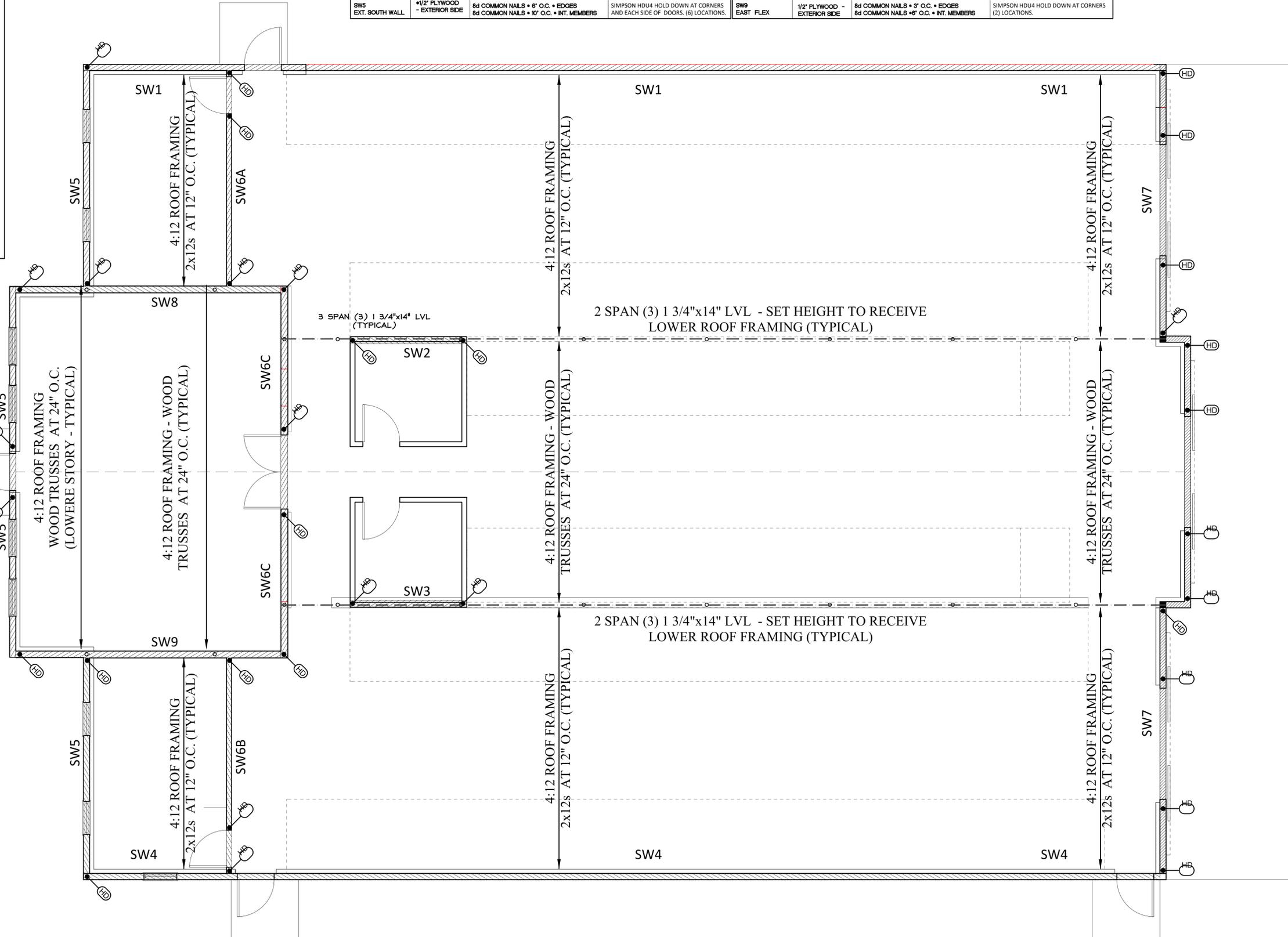
**SHEAR WALL SCHEDULE**

| MARK                  | PANEL SIZE / TYPE            | NAILING ATTACHMENT                                                             | REMARKS                                                                  | MARK                | PANEL SIZE / TYPE            | NAILING ATTACHMENT                                                            | REMARKS                                                                   |
|-----------------------|------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------|------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| TYPICAL EXTERIOR WALL | 1/2" PLYWOOD - EXTERIOR SIDE | 8d COMMON NAILS • 6" O.C. • EDGES<br>8d COMMON NAILS • 10" O.C. • INT. MEMBERS |                                                                          | SW6A INT. LOCKERS   | 1/2" PLYWOOD - LOCKER SIDE   | 8d COMMON NAILS • 3" O.C. • EDGES<br>8d COMMON NAILS • 6" O.C. • INT. MEMBERS | SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (3) LOCATIONS.  |
| SW1 EXT. WEST WALL    | 1/2" PLYWOOD - EXTERIOR SIDE | 8d COMMON NAILS • 6" O.C. • EDGES<br>8d COMMON NAILS • 10" O.C. • INT. MEMBERS |                                                                          | SW6B INT. LOCKERS   | 1/2" PLYWOOD - LOCKER SIDE   | 8d COMMON NAILS • 3" O.C. • EDGES<br>8d COMMON NAILS • 6" O.C. • INT. MEMBERS | SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (3) LOCATIONS.  |
| SW2 INTERIOR STORAGE  | 1/2" PLYWOOD - BOTH SIDES    | 8d COMMON NAILS • 6" O.C. • EDGES<br>8d COMMON NAILS • 10" O.C. • INT. MEMBERS | SIMPSON HDU14 HOLD DOWN AT CORNERS. (2) LOCATIONS.                       | SW6C INT. FLEX      | 1/2" PLYWOOD - FLEX SIDE     | 8d COMMON NAILS • 3" O.C. • EDGES<br>8d COMMON NAILS • 6" O.C. • INT. MEMBERS | SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (4) LOCATIONS.  |
| SW3 INTERIOR OFFICE   | 1/2" PLYWOOD - EXTERIOR SIDE | 8d COMMON NAILS • 6" O.C. • EDGES<br>8d COMMON NAILS • 10" O.C. • INT. MEMBERS | SIMPSON HDU14 HOLD DOWN AT CORNERS. (2) LOCATIONS.                       | SW7 EXT. NORTH WALL | 1/2" PLYWOOD - EXTERIOR SIDE | 8d COMMON NAILS • 3" O.C. • EDGES<br>8d COMMON NAILS • 6" O.C. • INT. MEMBERS | SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (12) LOCATIONS. |
| SW4 EXT. EAST WALL    | 1/2" PLYWOOD - EXTERIOR SIDE | 8d COMMON NAILS • 6" O.C. • EDGES<br>8d COMMON NAILS • 10" O.C. • INT. MEMBERS |                                                                          | SW8 WEST FLEX       | 1/2" PLYWOOD - EXTERIOR SIDE | 8d COMMON NAILS • 3" O.C. • EDGES<br>8d COMMON NAILS • 6" O.C. • INT. MEMBERS | SIMPSON HDU4 HOLD DOWN AT CORNERS (2) LOCATIONS.                          |
| SW5 EXT. SOUTH WALL   | 1/2" PLYWOOD - EXTERIOR SIDE | 8d COMMON NAILS • 6" O.C. • EDGES<br>8d COMMON NAILS • 10" O.C. • INT. MEMBERS | SIMPSON HDU4 HOLD DOWN AT CORNERS AND EACH SIDE OF DOORS. (6) LOCATIONS. | SW9 EAST FLEX       | 1/2" PLYWOOD - EXTERIOR SIDE | 8d COMMON NAILS • 3" O.C. • EDGES<br>8d COMMON NAILS • 6" O.C. • INT. MEMBERS | SIMPSON HDU4 HOLD DOWN AT CORNERS (2) LOCATIONS.                          |

\*NOTE: USE FLAMEBLOCK SHEATHING AT ALL FIRE RATED EXTERIOR WALLS IN LIEU OF CDX PLYWOOD. BARRIER FACE TO INTERIOR

**STRUCTURAL NOTES**

1. MINIMUM 3'-0" 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 REINFORCED WITH #6@20x20 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. OMITTED
8. ALL OPENINGS SHALL BE FRAMED WITH DOUBLE MEMBERS UNLESS SHOWN OTHERWISE-SEE HEADER SCHEDULE.
9. ALL LAMINATED VENEER LUMBER AND COMPOSITE LUMBER SHALL BE STRUTTED TO 3,000 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.
10. 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.
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 3,000 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: 5/8" PLYWOOD WITH 8D NAILS AT 6" ON CENTER AT PANEL EDGES UNLESS NOTE OTHERWISE.
19. RAFTER STRAPS AT RIDGE: SIMPSON LST24 AT EVERY THIRD RAFTER.
20. RAFTER STRAPS TO 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 FRAMING PLAN & SHEAR WALL SCHEDULE**  
 HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

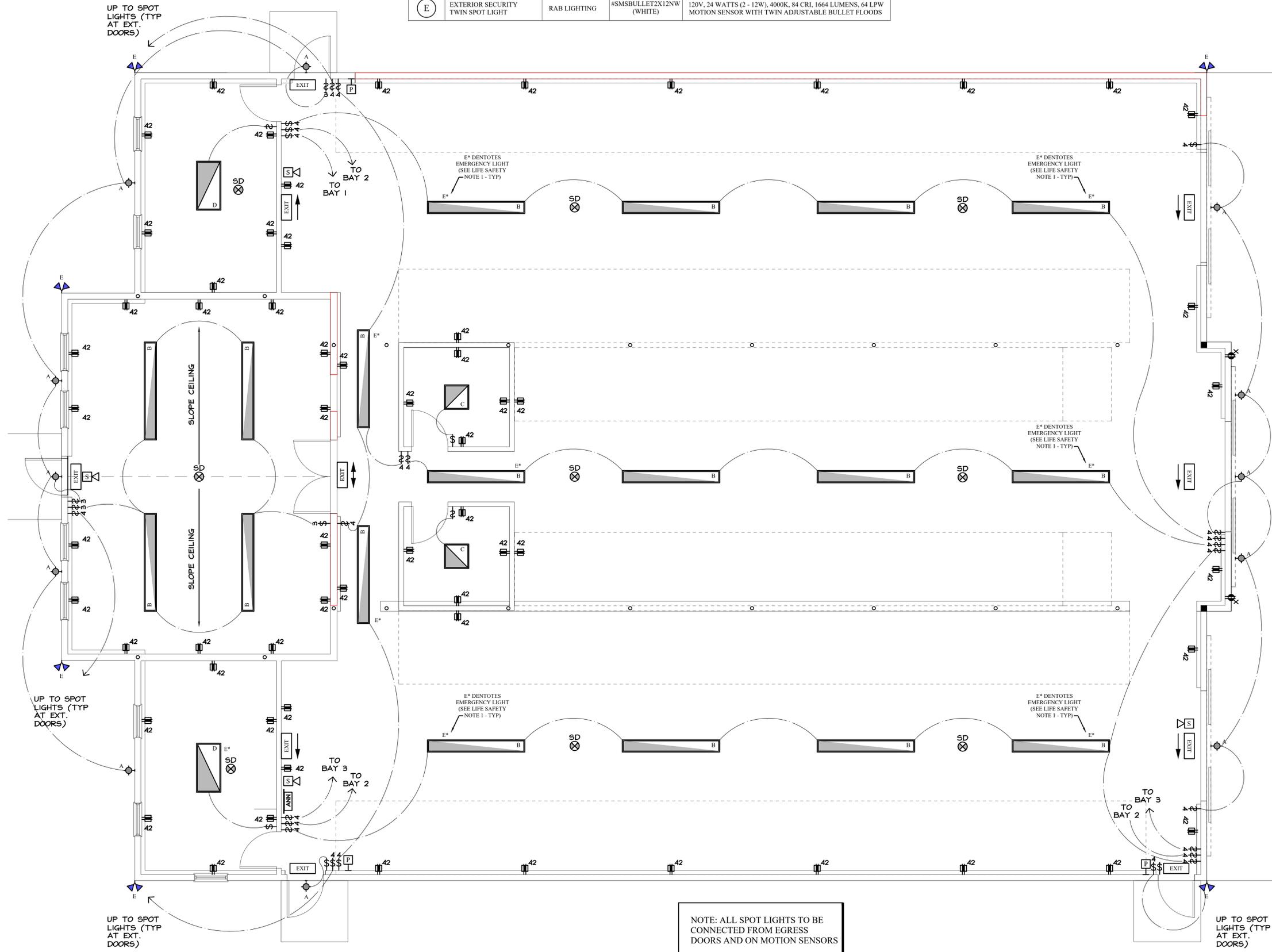
**NINA CUCCIO PECK**  
 ARCHITECTURE & INTERIORS  
 9 HALLS ROAD, PO BOX 841, OLD LYME, CONNECTICUT 06371

SCALE: AS NOTED  
 BID SET DATE: JUNE 01, 2016

DRAWING RELEASE DATE: 06.01.16  
 CONTRACT SET DATE: (REVISION SET DATES ABOVE)

**S2.1**

| LIGHTING FIXTURE SCHEDULE |                                     |              |                              |                                                                                                                                                              |
|---------------------------|-------------------------------------|--------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KEY                       | TYPE                                | MANUF.       | MODEL                        | REMARKS                                                                                                                                                      |
| (A)                       | EXT. WALL MOUNTED A-LAMP LED SCONCE | T.B.D.       | S250 FIXTURE ALLOWANCE       | CONTRACTOR TO INCLUDE THE COST OF WIRING AND INSTALLATION                                                                                                    |
| (B)                       | HIGH BAY SUSPENDED 8' LED FIXTURE   | LITHONIA     | PTNSL8 8' HIGH BAY SUSPENDED | WD, OSR DRIVER, LP850 5000K, DWH WHITE JOINER, I1207 EMERGENCY BATTERY BACKUP PER PLANS MARKED *E, USE 120 AIRCRAFT CABLE AND FEED AS REQ'D PER MANUF. SPECS |
| (C)                       | 2'x2' SURFACE MOUNTED LED FIXTURE   | LITHONIA     | 2ALLS2 SURFACE LED 2'x2'     | 2ALLS2, 40L, 4000LUMENS, SLD, LP850 5000K, EL70 BATTERY PACK WHERE INDICATED WITH AN *E ON PLANS                                                             |
| (D)                       | 2'x4' SURFACE MOUNTED LED FIXTURE   | LITHONIA     | 2ALLS4 SURFACE LED 2'x4'     | 2ALLS2, 40L, 4000LUMENS, SLD, LP850 5000K, EL70 BATTERY PACK WHERE INDICATED WITH AN *E ON PLANS                                                             |
| (E)                       | EXTERIOR SECURITY TWIN SPOT LIGHT   | RAB LIGHTING | #SMSBULLETX12NW (WHITE)      | 120V, 24 WATTS (2 - 12W), 4000K, 84 CRI, 1664 LUMENS, 64 LPW MOTION SENSOR WITH TWIN ADJUSTABLE BULLET FLOODS                                                |



NOTE: ALL SPOT LIGHTS TO BE CONNECTED FROM EGRESS DOORS AND ON MOTION SENSORS

| ELECTRICAL LEGEND |                                                                                        | ELECTRICAL NOTES |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ⚡                 | SINGLE POLE SWITCH MOUNTED 40" A.F.F. UNLESS NOTED OTHERWISE                           | 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.                                                                                                                                                                                                                                      |
| ⚡                 | 3 WAY SWITCH MOUNTED 40" A.F.F. UNLESS NOTED OTHERWISE                                 | 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.                                                                                                                                                   |
| ⚡                 | 4 WAY SWITCH MOUNTED 40" A.F.F. UNLESS NOTED OTHERWISE                                 | 3.               | ALL SUBSTITUTION REQUEST SHALL BE MADE IN WRITING, NO LATER THAN 15 DAY AFTER START OF CONSTRUCTION.                                                                                                                                                                                                                                                                                                                       |
| ⚡                 | DIMMER SWITCH (SEE NOTES) MOUNTED 40" A.F.F. UNLESS NOTED OTHERWISE                    | 4.               | SUB CONTRACTOR SHALL CREDIT OWNER ALL COST SAVINGS FROM APPROVED SUBSTITUTIONS SUBMITTED AFTER BID.                                                                                                                                                                                                                                                                                                                        |
| ⚡                 | 15A CONVENIENCE OUTLET                                                                 | 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                                                                                                                                                                                                                  |
| ⚡                 | 15A QUAD OUTLET MTD.                                                                   | 6.               | OMITTED                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ⚡                 | 15A CONV. OUTLET MTD. ABOVE COUNTER                                                    | 7.               | OMITTED                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ⚡                 | GROUND FAULT INTERRUPT RECEPTACLE MOUNTED (HEIGHT AS INDICATED OR 6" ABOVE BACKSPASH)  | 8.               | ALL UTILITY, CRAWL & ATTIC SPACES SHALL HAVE TIMER SETTINGS.                                                                                                                                                                                                                                                                                                                                                               |
| ⚡                 | 15 AMP CONV. OUTLET - TOP HALF HOT (WALL SWITCH ACTIVATED)                             | 9.               | ALL EXTERIOR LIGHTS SHALL BE ON MOTION SENSORS. ALL EXTERIOR SPOT LIGHTS SHALL BE SWITCHED BACK TO EGRESS DOORS                                                                                                                                                                                                                                                                                                            |
| ⚡                 | WATER PROOF (EXTERIOR) RECEPTACLE                                                      | 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". |
| ⚡                 | FLOOR OUTLET WITH SAFETY COVER (COORDINATE LOCATION IN THE FIELD W/ OWNER - ARCHITECT) | 11.              | SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE                                                                                                                                                                                                                                                                                                                               |
| ⚡                 | QUAD OUTLET-GROUND FAULT DESIGNATED                                                    | 12.              | ALL WIRING METHODS SHALL BE IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | 20A DEDICATED REFRIGERATOR RECEPT. (VERIFY WITH MANUF. SPECS)                          | 13.              | ALL REQUIRED LIGHTING AND RECEPTACLES SHALL BE IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE                                                                                                                                                                                                                                                                                                         |
| ⚡                 | 50A RANGE/COOKTOP/WALL OVEN RECEPTACLE (VERIFY WITH MANUF. SPECS)                      | 14.              | ALL GFCI AND AFCI OUTLETS SHALL BE INSTALLED IN ACCORDANCE WITH THE CONNECTICUT STATE BUILDING & ELECTRICAL CODE. ALL FIRST FLOOR OUTLETS SHALL BE GFCI, MOUNTED 42" A.F.F.                                                                                                                                                                                                                                                |
| ⚡                 | 30A ELECTRIC DRYER RECEPTACLE (VERIFY WITH MANUF. SPECS)                               | 15.              | ALL 120V 15A & 20A RECEPTACLES SHALL BE LISTED AS TAMPER-RESISTANT                                                                                                                                                                                                                                                                                                                                                         |
| ⚡                 | 20A DEDICATED CLOTHES WASHER RECEPT. (VERIFY WITH MANUF. SPECS)                        | 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.                                                                                                                                                                      |
| ⚡                 | 30A DISHWASHER RECEPTACLE (VERIFY WITH MANUF. SPECS)                                   | 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.                                                                                                                                                                                                                                                        |
| ⚡                 | 20A MICROWAVE RECEPTACLE (VERIFY WITH MANUF. SPECS)                                    | 18.              | PROVIDE 3 EXTERIOR OUTLETS IN BID. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.                                                                                                                                                                                                                                                                                                                                          |
| ⚡                 | TELEPHONE JACK MTD.                                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | TELEPHONE JACK WALL MOUNTED                                                            |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | COMBO/DUAL STRUCTURED WIRING                                                           |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | PROGRAMMABLE THERMOSTAT                                                                |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | LED 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)  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | CL.G. MOUNTED FLUORESCENT STRIP (SEE SCHEDULE FOR SYMBOL)                              |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | UNDERCABINET/TASK LIGHTING (SEE SCHEDULE FOR SYMBOL)                                   |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | CHAIN, CABLE OR STEM SUSPENDED LED FIXTURE (SEE SCHEDULE FOR SIZE & SYMBOL)            |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | CEILING MOUNTED PADDLE FAN W/ REMOTE (SEE SCHEDULE FOR SYMBOL)                         |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | GAS METER                                                                              | ⚡                | DISPOSAL (BATCH FEED)                                                                                                                                                                                                                                                                                                                                                                                                      |
| ⚡                 | WATER METER                                                                            | ⚡                | MOTION DETECTOR                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | ALARM                                                                                  | ⚡                | CABLE TV                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ⚡                 | ELEC. METER                                                                            | ⚡                | DOOR BELL / CHIME                                                                                                                                                                                                                                                                                                                                                                                                          |
| ⚡                 | EQUIPMENT MOTOR                                                                        | ⚡                | INTERCOM                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ⚡                 | 200 AMP CIRCUIT BREAKER PANEL - 200A SERVICE                                           |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | 400 AMP CIRCUIT BREAKER PANEL - 400A SERVICE                                           |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ⚡                 | TRANS AUTOMATIC TRANSFORMER SWITCH BOX                                                 |                  |                                                                                                                                                                                                                                                                                                                                                                                                                            |

TITLE: NEW CONSTRUCTION  
**HAINS PARK BOATHOUSE  
 AT ROGERS LAKE**

166 BOSTON POST ROAD  
 OLD LYME, CT 06371

ELECTRICAL/LIGHTING PLAN,  
 NOTES, LEGEND & SCHEDULE  
 HPB-CONDOCS-AS\_SENT\_BINDER\_060116.DWG

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

SCALE: AS NOTED

BID SET DATE: JUNE 01, 2016

DRAWING RELEASE DATE: 06.01.16

CONTRACT SET DATE: (REVISION SET DATES ABOVE)

**E2.1**