

PROJECT 5057 - 33 BLAIR STREET, MILFORD, CT

**COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM**

OWNER OCCUPIED REHABILITATION AND REBUILDING

**CONNECTICUT DEPARTMENT OF HOUSING
HARTFORD, CONNECTICUT 06118**

GENERAL NOTES:

1. WHERE REFERENCED IN THIS PLAN SET, MARTINEZ COUCH & ASSOCIATES, LLC SHALL HEREIN BE REFERRED TO AS "MCA."
2. THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS.
3. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE, AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
4. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT MCA IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS, SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFIRMED WITH MCA PRIOR TO BIDDING.
5. REFER TO OTHER PLANS, DETAILS, AND PROJECT MANUAL FOR ADDITIONAL INFORMATION.

DRAWING INDEX

SHEET TITLE

TITLE SHEET
 TOPOGRAPHIC AND BOUNDARY SURVEY
 IMPROVEMENT LOCATION PLAN
 SOIL EROSION AND SEDIMENT CONTROL/DEMOLITION PLAN
 SITE PLAN
 SOIL EROSION AND SEDIMENT CONTROL DETAILS
 SITE DETAILS
 UTILITY DETAILS
 PROPOSED FLOOR PLAN - 1
 PROPOSED FLOOR PLAN - 2
 WOOD STRUCTURE FRAMING PLANS AND NOTES
 DETAILS AND SECTIONS
 SHEARWALL DETAILS AND SECTIONS
 BUILDING ELEVATIONS
 BUILDING SECTIONS
 ARCHITECTURAL DETAILS
 DETAILS AND SCHEDULES
 FOUNDATION DESIGN - PILE LAYOUT & FOUNDATION PLAN
 FOUNDATION DESIGN - FIRST FLOOR FRAMING SUPPORT PLAN
 FOUNDATION DESIGN - STRUCTURAL NOTES & SECTIONS
 MECHANICAL AND PLUMBING PLANS - 1
 MECHANICAL AND PLUMBING PLANS - 2
 ELECTRICAL PLANS - 1
 ELECTRICAL PLANS - 2

SHEET NUMBER

T-0.0
 1 OF 1
 C-1.0
 C-1.1
 C-1.2
 C-2.0
 C-2.1
 C-2.2
 A-1.0
 A-1.1
 A-1.2
 A-1.3
 A-1.4
 A-2.0
 A-2.1
 A-3.0
 A-5.0
 S1
 S2
 S3
 MP-1.0
 MP-1.1
 E-1.0
 E-1.1



STREET VIEW
(N.T.S.)

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
 Rocky Hill, CT 06067
 Telephone: (860) 436-4364
 Fax: (860) 436-4626
 www.martinezcouch.com

PROJECT 5057
 33 BLAIR STREET
 MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
 NOT FOR CONSTRUCTION**

5	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
4	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	MBR	MBR	REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: N.T.S.	DATE: 01/27/2017

TITLE SHEET

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	T-0.0

SURVEY NOTES

NORTH ORIENTATION AND COORDINATES REFER TO NAD 83.
 ELEVATIONS BASED ON NAVD 1988.
 SURVEY AND RECORD RESEARCH WERE CONDUCTED IN SEPTEMBER 2015
 PARCEL OWNER OF RECORD: RYAN FREDERICK
 33 BLAIR STREET,
 MILFORD, CT
 PARCEL AREA = 7,385 SQ. FT., 0.153 ACRES.
 PARCEL IS IN THE R5 ZONING DISTRICT.
 PARCEL ID: MAP 27, BLOCK 452, LOT 10A, MILFORD ASSESSOR'S MAPPING.
 PARCEL ALSO KNOWN AS 33 BLAIR STREET
 SUBJECT PARCEL IS IN FLOOD ZONE AE (EL. 11) AS SHOWN ON THE FLOOD INSURANCE RATE MAP, NEW HAVEN COUNTY, CONNECTICUT PANEL 529 OF 635, MAP NUMBER 09009C0529J, MAP REVISED JULY 8, 2013 BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

REFERENCE MAPS:

- BOUNDARY SURVEY OF PROPERTIES OF GREAT CREEK MILFORD, C.T 33 BLAIR STREET MILFORD, CONNECTICUT. SCALE 1"=10'. DATE SEPTEMBER 14, 1984.
- MAP OF PROPERTY OWNED BY GEO. B. CLARK & ERNEST L. NETTLETON, SILVER SANDS, MILFORD, CONN. SCALE 1"=40. DATE MARCH 4TH 1911.
- PROPERTY SURVEY, LOT LINE ADJUSTMENT, PREPARED FOR MR. ALBERT MUNROE, JR. & MR. RYAN FREDERICK, AT 23 & 33 BLAIR STREET, MILFORD, CONNECTICUT, SCALE 1"=10', DATED 2-9-10, BY SCOTT K. MUNDY, L.S.
- PROPERTY OF STATE OF CONNECTICUT TO BE DEEDED TO HANOVER ST. LLC, WITH EASEMENT IN FAVOR OF N/F FREDERICK RYAN, MILFORD, CONNECTICUT, SCALE 1"=40', DATED MAY 12, 2010, BY NAFIS & YOUNG, ENGINEERS, INC.

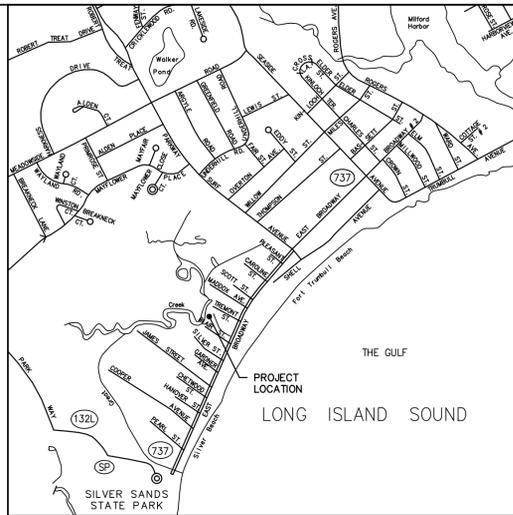
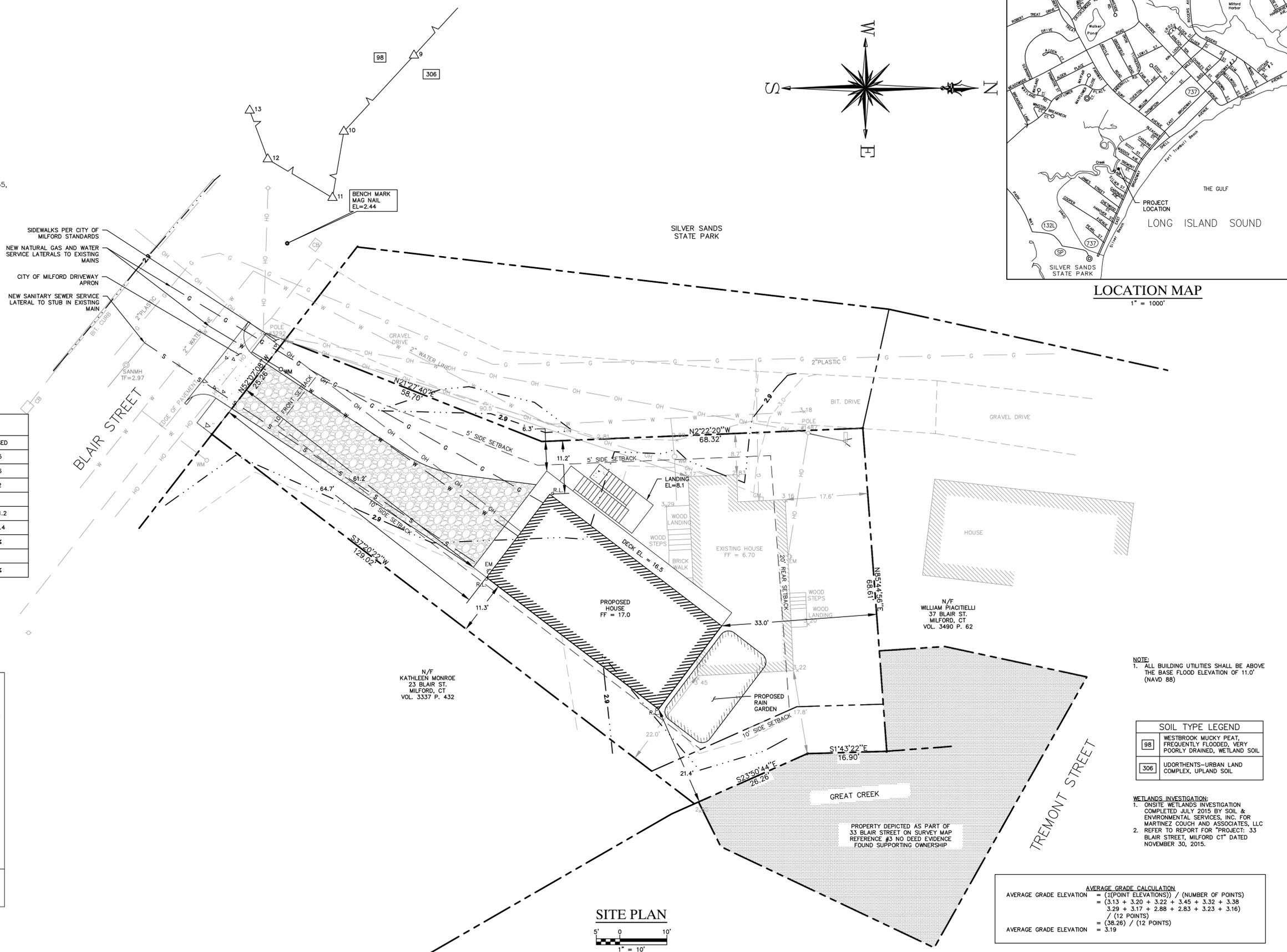
ZONING REGULATIONS (R-5)			
	REQUIRED	EXISTING	PROPOSED
LOT AREA (SQ.FT.)	5,000	7,385	7,385
MIN. LOT WIDTH (FT.)	50	25.26	25.26
MIN. LOT DEPTH (FT.)	70	144.2	144.2
MIN. FRONT YARD (FT.)	10*	90.5	64.7
MIN. SIDE YARD (FT.)	5/10**	8.7/1.8***	11.3/11.2
MIN. REAR YARD (FT.)	20	17.6***	33/21.4
MAX BLDG. COVERAGE	45%	12.0%	13.8%
MAX. BLDG. HGT. (FT.)	35	19.1	26.1
LOT COVERAGE	65%	13.5%	30.1%

* TEN FEET OR THE ACTUAL FRONT YARD SETBACK, WHICHEVER IS GREATER; EXCEPT THAT THE MINIMUM REQUIRED FRONT YARD SHALL NOT BE REQUIRED TO EXCEED 20 FEET.
 ** ONE SIDE TEN (10) FEET; OTHER SIDE FIVE (5) FEET.
 *** PREEXISTING NON-CONFORMITY

SYMBOLS LEGEND			
POLE @XXXX	EXISTING UTILITY POLE	---	PROPERTY LINE
OWV	EXISTING WATER VALVE	---	EASEMENT LINE
OWM	EXISTING WATER METER	---2.9---	JURISDICTIONAL ELEVATION
OGM	EXISTING GAS METER	---3.0---	EXISTING CONTOUR
DEM	EXISTING ELECTRIC METER	---3.0---	PROPOSED CONTOUR
CB	EXISTING CATCH BASIN	OH	EXISTING OVERHEAD WIRE
OWM	PROPOSED WATER METER	OH	EXISTING OVERHEAD WIRE
OGM	PROPOSED GAS METER	G	EXISTING GAS LINE
DEM	PROPOSED ELECTRIC METER	G	PROPOSED GAS LINE
2x.97	EXISTING SPOT GRADE	S	EXISTING SEWER LINE
3x.0	PROPOSED SPOT GRADE	S	PROPOSED SEWER LINE
		W	EXISTING WATER LINE
		W	PROPOSED WATER LINE
△#	WETLAND FLAG LABEL	###	SOIL TYPE LABEL
---	LIMIT OF WETLANDS		

REFERENCE MAP:
 1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CTDOH AT 33 BLAIR STREET, MILFORD, CONNECTICUT; DATE: 04-22-2016; SCALE: 1"=10'; PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.

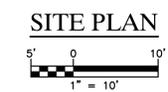


NOTE:
 1. ALL BUILDING UTILITIES SHALL BE ABOVE THE BASE FLOOD ELEVATION OF 11.0' (NAVD 88)

SOIL TYPE LEGEND	
98	WESTBROOK MUCKY PEAT, FREQUENTLY FLOODED, VERY POORLY DRAINED, WETLAND SOIL
306	UDORTHENTS-URBAN LAND COMPLEX, UPLAND SOIL

WETLANDS INVESTIGATION:
 1. ONSITE WETLANDS INVESTIGATION COMPLETED JULY 2015 BY SOIL & ENVIRONMENTAL SERVICES, INC. FOR MARTINEZ COUCH AND ASSOCIATES, LLC
 2. REFER TO REPORT FOR "PROJECT: 33 BLAIR STREET, MILFORD CT" DATED NOVEMBER 30, 2015.

AVERAGE GRADE CALCULATION	
AVERAGE GRADE ELEVATION	= (Σ(POINT ELEVATIONS)) / (NUMBER OF POINTS)
	= (3.13 + 3.20 + 3.22 + 3.45 + 3.32 + 3.38 + 3.29 + 3.17 + 2.88 + 2.83 + 3.23 + 3.16) / (12 POINTS)
AVERAGE GRADE ELEVATION	= 3.19



1084 Cromwell Avenue, Suite A-2
 Rocky Hill, CT 06067
 Telephone: (860) 436-4364
 Fax: (860) 436-4626
 www.martinezcouch.com

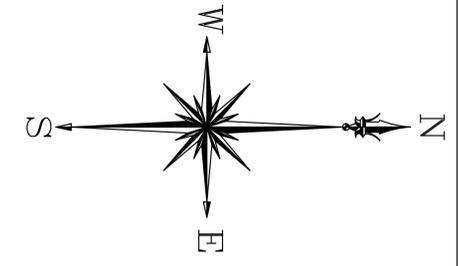
PROJECT 5057
 33 BLAIR STREET
 MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
 NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
5	11/07/2017	ISSUED FOR RE-BID		MBR	MBR REC
4	8/24/2017	ISSUED FOR BID		MBR	MBR REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT		MBR	MBR REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW		MBR	MBR REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN:	KNL	CHECKED:	MBR	APPROVED:	REC
SCALE:	1" = 10'	DATE:	01/27/2017		

**IMPROVEMENT
 LOCATION PLAN**

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	C-1.0



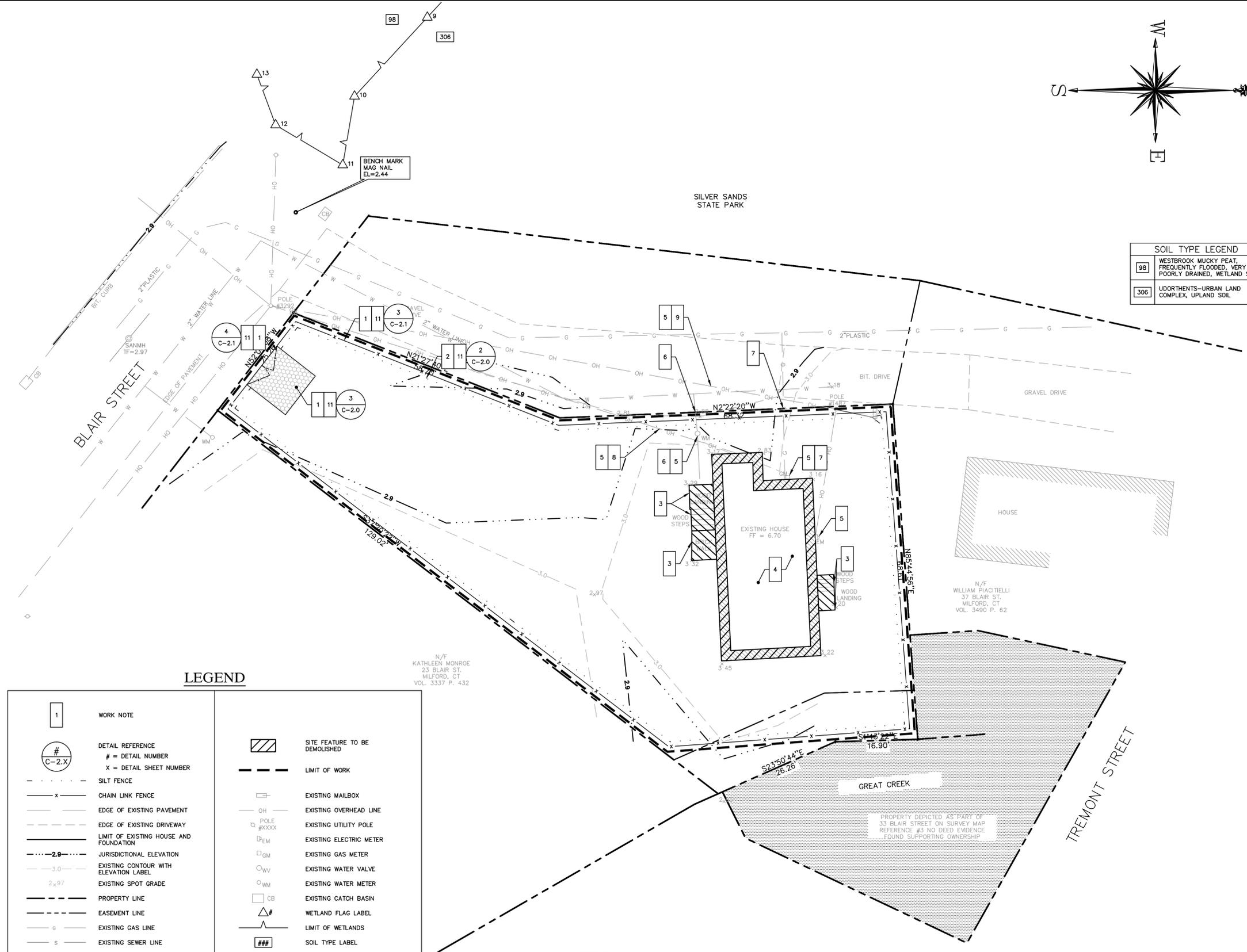
GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE CONTRACTOR AT A MINIMUM SHALL MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AS DIRECTED, AND IN ACCORDANCE WITH CONTRACT REQUIREMENTS, AND SHALL CHECK ALL SYSTEMS ON A DAILY BASIS TO ENSURE THE PREVENTION OF SEDIMENT TRANSPORT AND THE CONTROL OF EROSION.
6. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
8. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
9. ALL BUILDING UTILITIES SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OF 11.0' (NAVD 88)

SOIL EROSION AND SEDIMENT CONTROL/DEMOLITION NOTES

1. INSTALL 6' HIGH CHAIN LINK FENCING ALONG PERIMETER OF PROPERTY AS SHOWN ON PLAN; INSTALL 10' WIDE DOUBLE LEAF GATE AT SOUTHERN PROPERTY LINE; INSTALL CONSTRUCTION TRACK PAD AT GATED ENTRANCE
2. INSTALL SILT FENCE ALONG PERIMETER OF PROPERTY AS SHOWN ON PLAN
3. DEMOLISH WOOD LANDINGS AND STEPS ON BOTH SIDES OF HOUSE AND DISPOSE OFF SITE; DEMOLISH BRICK WALK AT SOUTHERN SIDE OF HOUSE AND DISPOSE OFF SITE
4. DEMOLISH HOUSE AND FOUNDATION AND DISPOSE OFF SITE; SEE ABATEMENT SPECIFICATIONS; INFILL CRAWLSPACE AREA BENEATH HOUSE TO MATCH ADJACENT GRADE WITH SUITABLE SOILS.
5. COORDINATE UTILITY DISCONNECTS, INCLUDING WATER, ELECTRIC, GAS, AND TELECOMMUNICATIONS
6. ABANDON EXISTING WATER SERVICE LATERAL TO WESTERN PROPERTY LINE; DEMOLISH AND REMOVE EXISTING PIPING TO PROPERTY LINE. RETURN WATER METER TO UTILITY PROVIDER. COORDINATE WITH UTILITY OWNER TO PROVIDE FOR AND COMPLETE ALL WORK TO CAP AND ABANDON EXISTING SERVICE LATERAL PER UTILITY OWNER STANDARD PROCEDURES AND FUTURE RECONNECTS
7. ABANDON EXISTING NATURAL GAS SERVICE LATERAL TO WESTERN PROPERTY LINE; DEMOLISH AND REMOVE EXISTING PIPING TO PROPERTY LINE. RETURN GAS METER TO UTILITY PROVIDER. COORDINATE WITH UTILITY OWNER TO PROVIDE FOR AND COMPLETE ALL WORK TO CAP AND ABANDON EXISTING NATURAL GAS SERVICE LATERAL PER UTILITY OWNER STANDARD PROCEDURES AND FUTURE RECONNECTS
8. DEMOLISH AND REMOVE EXISTING OVERHEAD AERIAL TELECOMMUNICATIONS AND CABLE TV WIRES
9. COORDINATE REMOVAL OF OVERHEAD WIRES WITH UTILITY PROVIDER AS REQUIRED TO ACCOMMODATE PROPOSED MODULAR HOME AND EQUIPMENT
10. DO NOT STOCKPILE SOIL ON SITE
11. REMOVE TEMPORARY FENCING UPON COMPLETION OF CONSTRUCTION, AND REMOVE E&S CONTROLS AFTER STABILIZATION IS COMPLETE

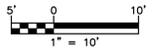
SOIL TYPE LEGEND	
98	WESTBROOK MUCKY PEAT, FREQUENTLY FLOODED, VERY POORLY DRAINED, WETLAND SOIL
306	UDORTHERNTS-URBAN LAND COMPLEX, UPLAND SOIL



LEGEND

1	WORK NOTE		SITE FEATURE TO BE DEMOLISHED
#	DETAIL REFERENCE		LIMIT OF WORK
C-2.X	# = DETAIL NUMBER		EXISTING MAILBOX
X	X = DETAIL SHEET NUMBER		EXISTING OVERHEAD LINE
- - - - -	SILT FENCE		EXISTING UTILITY POLE
x - - - - -	CHAIN LINK FENCE		EXISTING ELECTRIC METER
- - - - -	EDGE OF EXISTING PAVEMENT		EXISTING GAS METER
- - - - -	EDGE OF EXISTING DRIVEWAY		EXISTING WATER VALVE
- - - - -	LIMIT OF EXISTING HOUSE AND FOUNDATION		EXISTING WATER METER
- - - - - 2.9	JURISDICTIONAL ELEVATION		EXISTING CATCH BASIN
- - - - - 3.0	EXISTING CONTOUR WITH ELEVATION LABEL		WETLAND FLAG LABEL
- - - - - 2.97	EXISTING SPOT GRADE		LIMIT OF WETLANDS
- - - - -	PROPERTY LINE		SOIL TYPE LABEL
- - - - -	EASEMENT LINE		
- - - - - G	EXISTING GAS LINE		
- - - - - S	EXISTING SEWER LINE		
- - - - - W	EXISTING WATER LINE		

SITE PLAN



REFERENCE MAP:
1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CTDOH AT 33 BLAIR STREET, MILFORD, CONNECTICUT; DATE: 09-01-2015; SCALE: 1"=10'; PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

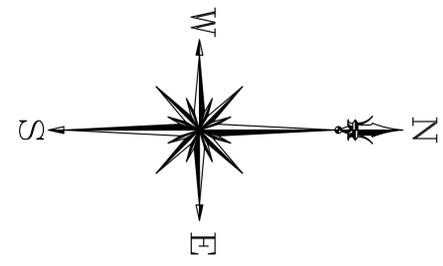
**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
5	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
4	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	MBR	MBR	REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN:	KNL	CHECKED:	MBR	APPROVED:	REC
SCALE:	1" = 10'	DATE:	01/27/2017		

SOIL EROSION AND SEDIMENT CONTROL/DEMOLITION PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	C-1.1

SOIL TYPE LEGEND	
98	WESTBROOK MUCKY PEAT, FREQUENTLY FLOODED, VERY POORLY DRAINED, WETLAND SOIL
306	UDORTMENTS-URBAN LAND COMPLEX, UPLAND SOIL

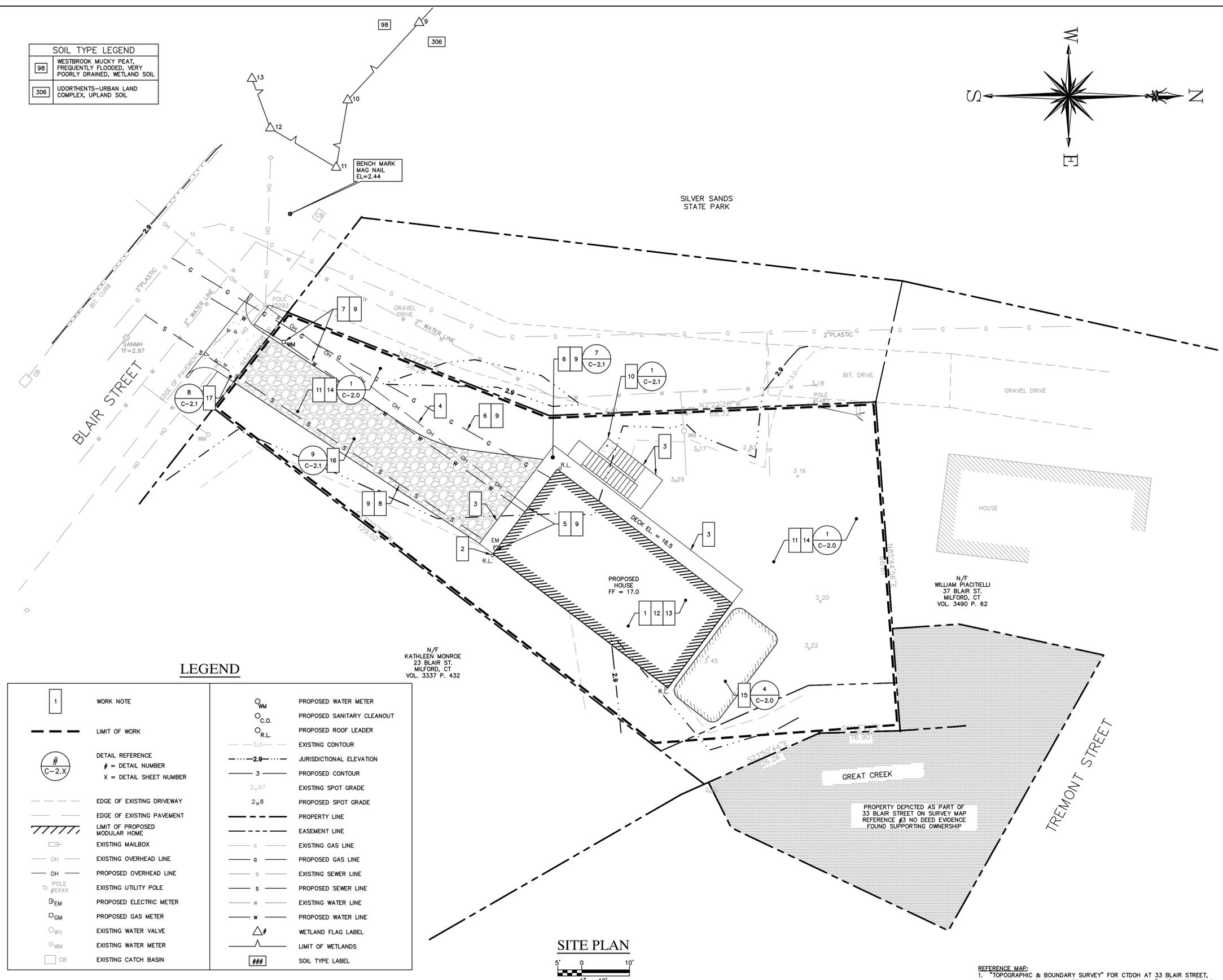


GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
8. ALL BUILDING UTILITIES SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OF 11.0' (NAVD 88)

WORK NOTES

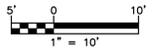
- 1 FURNISH AND INSTALL ALL MATERIALS FOR CONSTRUCTION AND INSTALLATION OF NEW ELEVATED HOME AND SUPPORTS; SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS
- 2 FURNISH AND INSTALL ALL MATERIALS FOR ROOF DOWNSPOUTS EXTENDED TO GRADE; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS, TYPICAL FOR ALL ROOF LEADERS
- 3 FURNISH AND INSTALL ALL MATERIALS FOR NEW DECK AND STAIRS AT SOUTHERN AND WESTERN SIDES OF HOUSE
- 4 COORDINATE REINSTALLATION OF ANY PREVIOUSLY REMOVED OVERHEAD WIRES WITH UTILITY PROVIDER
- 5 COORDINATE CONNECTION OF OVERHEAD ELECTRICAL SERVICE TO SERVICE MAST AT SOUTH WEST SIDE OF HOUSE; COORDINATE INSTALLATION OF NEW ELECTRICAL METER WITH UTILITY PROVIDER IN APPROVED LOCATION ABOVE 100-YEAR FEMA BASE FLOOD ELEVATION
- 6 COORDINATE FOR AND FURNISH AND INSTALL ALL MATERIALS FOR NEW GAS SERVICE LATERAL TO HOUSE; COORDINATE INSTALLATION OF GAS METER WITH UTILITY PROVIDER; INSTALL TWO BOLLARDS IN FRONT OF GAS METER. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE ADJACENT TO GAS METER.
- 7 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW DOMESTIC WATER SERVICE LATERAL TO BUILDING. EXTEND SERVICE TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. INSULATE AND HEATTRACE WATER LINE FROM HOUSE TO 42" BELOW GRADE TO PREVENT FREEZING OF WATER LINE. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE AT NEW TIMBER PILE FOR WATER LINE.
- 8 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW SANITARY SEWER LATERAL FROM PROPERTY LINE TO BUILDING. EXTEND SERVICE TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE AT NEW TIMBER PILE FOR SANITARY SEWER LATERAL.
- 9 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 10 FURNISH AND INSTALL ALL MATERIALS FOR CONCRETE PAD AT BOTTOM OF PROPOSED STAIRS
- 11 FURNISH AND INSTALL ALL MATERIALS TO LOAM AND SEED AREAS PREVIOUSLY COVERED BY HOUSE AND STAIRS NOT COVERED BY PROPOSED HOUSE AND STAIRS, AS WELL AS ANY BARE AREAS
- 12 FURNISH AND INSTALL 12" THICK LAYER OF 3/4" MINUS PROCESS AGGREGATE BASE STONE BENEATH PROPOSED HOUSE. AREA FOR VEHICLE PARKING BENEATH HOUSE TO BE AT ELEVATION 3.7' AND TAPERED TO EXISTING GRADE OUTSIDE VEHICLE PARKING AREA
- 13 COMPLETE REMAINING BUILDING WORK (BOTH INTERIOR AND EXTERIOR)
- 14 RESTORE EXTERIOR AREAS TO EXISTING CONDITIONS OR BETTER
- 15 FURNISH AND INSTALL ALL MATERIALS FOR INFILTRATION RAIN GARDENS; ROUTE ROOFLEADERS TO RAIN GARDENS; PLANTINGS IN RAIN GARDEN TO BE SALT WATER TOLERANT. FINAL SPECIES OF PLANTING TO BE SUBMITTED BY CONTRACTOR FOR ENGINEER APPROVAL
- 16 FURNISH AND INSTALL ALL MATERIALS FOR 12' WIDE GRAVEL DRIVEWAY WITH DRIVEWAY SURFACE AGGREGATE
- 17 FURNISH AND INSTALL ALL MATERIALS FOR CITY OF MILFORD CONCRETE DRIVEWAY APRON, SIDEWALK, AND CURBING. WORK TO BE COMPLETED BY CONTRACTOR BONDED AND INSURED WITH APPROVAL FROM CITY OF MILFORD.



LEGEND

1	WORK NOTE	WM	PROPOSED WATER METER
---	LIMIT OF WORK	C.O.	PROPOSED SANITARY CLEANOUT
#	DETAIL REFERENCE	R.L.	PROPOSED ROOF LEADER
C-2.X	# = DETAIL NUMBER	-3.0	EXISTING CONTOUR
	X = DETAIL SHEET NUMBER	-2.9	JURISDICTIONAL ELEVATION
---	EDGE OF EXISTING DRIVEWAY	3	PROPOSED CONTOUR
---	EDGE OF EXISTING PAVEMENT	2x97	EXISTING SPOT GRADE
---	LIMIT OF PROPOSED MODULAR HOME	2x8	PROPOSED SPOT GRADE
MB	EXISTING MAILBOX	---	PROPERTY LINE
OH	EXISTING OVERHEAD LINE	---	EASEMENT LINE
OH	PROPOSED OVERHEAD LINE	g	EXISTING GAS LINE
POLE #XXXX	EXISTING UTILITY POLE	s	EXISTING SEWER LINE
EM	PROPOSED ELECTRIC METER	s	PROPOSED SEWER LINE
GM	PROPOSED GAS METER	w	EXISTING WATER LINE
WV	EXISTING WATER VALVE	w	PROPOSED WATER LINE
WM	EXISTING WATER METER	Δ#	WETLAND FLAG LABEL
CB	EXISTING CATCH BASIN	###	LIMIT OF WETLANDS
			SOIL TYPE LABEL

SITE PLAN



REFERENCE MAP:
1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CTDH AT 33 BLAIR STREET, MILFORD, CONNECTICUT; DATE: 09-01-2015; SCALE: 1"=10'; PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

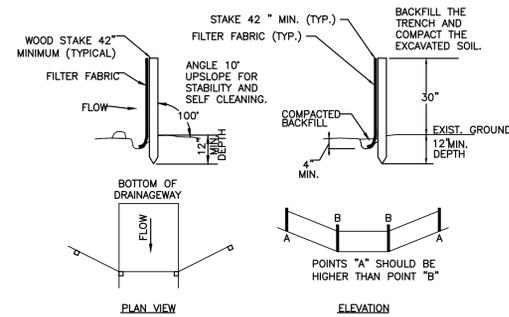
NO.	DATE	REVISIONS	BY	CHK	APPV
5	11/07/2017	ISSUED FOR RE-BID		MBR	MBR REC
4	8/24/2017	ISSUED FOR BID		MBR	MBR REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT		MBR	MBR REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW		MBR	MBR REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN:	KNL	CHECKED:	MBR	APPROVED:	REC
SCALE:	1" = 10'	DATE:	01/27/2017		

SITE PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	C-1.2

SEEDING SCHEDULE				
PERMANENT SEEDING				
PERMANENT SEEDING SHALL BE ACCOMPLISHED WITH ONE OF THE FOLLOWING SEEDING MIXTURES:				
KIND OF AREA:				
LAWNS AND HIGH MAINTENANCE AREAS				
SEED MIXTURE	LBS./ACRE	LBS./1,000 SQ.FT.		
KENTUCKY BLUEGRASS	20	0.45		
CREeping RED FESCUE	5	0.1		
PERENNIAL RYEGRASS	5	0.1		
TOTAL	45	1.0		
TEMPORARY SEEDING RATES AND DATES				
SEED MIXTURE	LBS./ACRE	LBS./1,000 SQ.FT.	DATE (1)(3)	DEPTH (2)
ANNUAL RYEGRASS	40	1.0	8/1-10/1	0.5 INCHES
			3/1-6/15	
SEEDING NOTES:				
(1) MAY BE PLANTED THROUGHOUT SUMMER IF SOIL IS ADEQUATE OR CAN BE IRRIGATED.				
(2) SEED AT TWICE THE INDICATED DEPTH FOR SANDY SOILS.				
SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CT				
ORGANIC MULCH MATERIALS AND APPLICATION RATES				
MULCHES	PER ACRE	PER 1,000 SQ.FT.	NOTES	
STRAW OR HAY	1/2-2 TONS	70-90 LBS	FREE FROM MATTER AND COARSE MATTER. MUST BE ANCHORED. SPREAD WITH MULCH BLOWER OR BY HAND.	

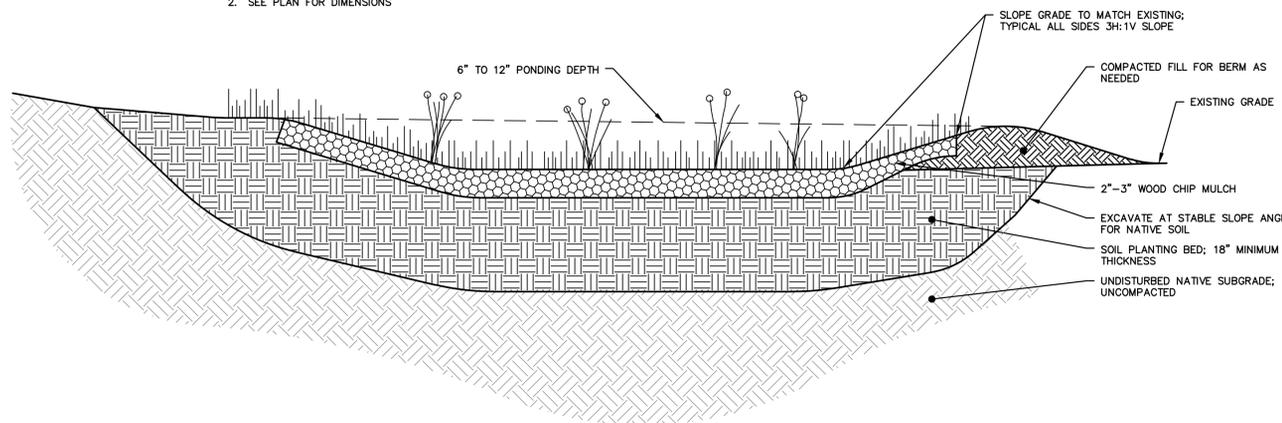
1 TYPICAL SEEDING SCHEDULE
C-2.0 N.T.S.



- A) MINIMUM LENGTH OF SILT FENCE IS 15 L.F.
- B) MAXIMUM POST SPACING IS 10 L.F.
- C) JOINTS ONLY AT SUPPORT POST WITH MINIMUM 6" OVERLAP, SECURELY SEALED.
- D) SEDIMENTATION DEPOSITS SHALL BE REMOVED WHEN THEY REACH 1/2 THE HEIGHT OF THE SILT FENCE.
- E) SILT FENCE SHALL NOT BE USED IN A WATER COURSE.
- F) UPON ESTABLISHMENT OF GROUND COVER ON DISTURBED AREAS, AND WHEN DIRECTED BY THE ENGINEER, FENCE WILL BE REMOVED AND ANY SEDIMENTATION WILL BE THINLY SPREAD UPON EXISTING GROUND COVER.

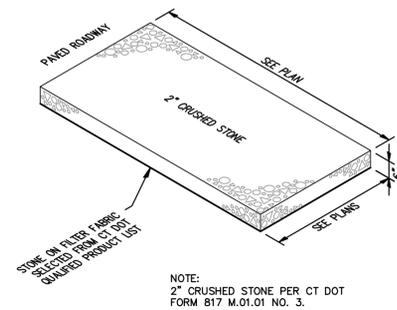
2 TYPICAL SILTATION FENCE
C-2.0 N.T.S.

- NOTE:
1. VEGETATION SEED MIX TO BE NORTHEAST WILDFLOWER SEED MIX FROM AMERICAN MEADOWS OR APPROVED EQUAL.
 2. SEE PLAN FOR DIMENSIONS



- CONSTRUCTION NOTES:
1. BUILD AND VEGETATE RAIN GARDEN AS EARLY AS POSSIBLE TO ESTABLISH PLANTINGS BEFORE DIRECTING STORMWATER RUNOFF TO IT OR DIVERT STORMWATER AROUND FACILITY. PREFERABLY, THIS PERIOD WOULD LAST A MINIMUM OF 3 MONTHS.
 2. INFILTRATION AREAS SHALL BE FENCED OFF FROM THE FIRST DAY OF EARTH MOVING UNTIL PROJECT COMPLETION TO PREVENT COMPACTION OF THE SUBGRADE, DIRT TRACKING ONTO ANY LAYER OF THE FACILITY AND STOCKPILING OF CONSTRUCTION MATERIALS THAT MAY CLOG THE SURFACE.
 3. DURING EXCAVATION OF NATIVE SOILS TO THE BOTTOM OF THE FACILITY, RAINFALL MAY CAUSE FINES TO CLOG THE SURFACE OF THE FACILITY. IF THE NATIVE SOIL HAS BEEN EXPOSED TO RAINFALL, HAND RAKE THE SURFACE TO A DEPTH OF 3" TO RESTORE INFILTRATION CAPACITY.

1. AMENDED PLANTING SOIL MIX SHALL HAVE THE FOLLOWING CHARACTERISTICS:
- a. 50% LOAMY SAND AND 40% COMPOST.
 - b. ORGANIC CONTENT MATTER FROM 8-10% BY WEIGHT
 - c. CATION EXCHANGE CAPACITY (CEC) GREATER THAN OR EQUAL TO 5 MILLIEQUIVALENTS/100 GRAMS OF DRY SOIL
 - d. 2-5% MINERAL FINES CONTENT
 - e. US STANDARD PERCENT PASSING
- | SIEVE SIZE | PERCENT PASSING |
|------------|-----------------|
| #4 | 100 |
| #10 | 95-100 |
| #40 | 75-90 |
| #100 | 25-40 |
| #200 | 4-10 |
| #400 | 2-5 |
- f. MINIMUM LONG-TERM HYDRAULIC CONDUCTIVITY OF 1 INCH/HOUR PER ASTM D2434 AT 85% COMPACTION PER ASTM D 1557.
 - g. MAXIMUM IMMEDIATE HYDRAULIC CONDUCTIVITY OF 12 INCHES/HOUR.
2. AMENDED PLANTING SOIL MIX MAY BE CREATED BY LABORATORY TESTING THE ON-SITE NATIVE SOILS AND MIXING MATERIALS FROM OFF-SITE AS NEEDED TO ACHIEVE THE CHARACTERISTICS DESCRIBED IN NOTE 1 ABOVE.
 3. AMENDED PLANTING SOIL MIX SHOULD BE UNIFORMLY MIXED WITH A SOIL MIXER.
 4. PLACEMENT OF AMENDED PLANTING SOIL MIX SHALL OCCUR PER THE FOLLOWING GUIDELINES:
 - a. PLACE SOIL IN 12" LIFTS, KEEPING MACHINERY OUTSIDE OF INFILTRATION AREA.
 - b. DO NOT PLACE SOILS IF SATURATED.
 - c. COMPACT EACH LIFT WITH WATER OR BOOT PACKING UNTIL JUST SATURATED TO 85% COMPACTION. DO NOT COMPACT WITH HEAVY MACHINERY OR VIBRATORY COMPACTION.



NOTE:
2" CRUSHED STONE PER CT DOT FORM B17 M.01.01 NO. 3.

3 TYPICAL CONSTRUCTION TRACK PAD
C-2.0 N.T.S.

4 STORMWATER INFILTRATION RAIN GARDEN
C-2.0 N.T.S.

1. INDIVIDUAL INFILTRATION RAIN GARDENS SHALL HAVE THE FOLLOWING PLANTING SPECIES:
 - a. PERENNIALS - THREE SETS OF ,TWO EACH, OF ANY OF THE FOLLOWING SPECIES
 - a.a. SWAMP MILKWEED, NEW YORK ASTER, ASTILBE, TICKSEED SUNFLOWER, JOE PYE WEED, ROSE MALLOW, IRIS, CARDINAL FLOWER, SPIKE GAY FEATHER, SENSITIVE FERN, CINNAMON FERN, ROYAL FERN, MARSH FERN, SPIDERWORT, AND BLACK-EYED SUSAN
 - b. GRASSES - A MIXTURE OF 3 OR MORE OF THE FOLLOWING SPECIES COVERING THE ENTIRE GARDEN:
 - b.a. CREEPING BENTGRASS, MEADOW FOXTAIL, BLUE JOINT, TUSSOCK SEDGE, TUFTED HAIR GRASS, SWITCH GRASS, AND RIBBON GRASS
2. FOR A LIST OF SPECIES' SCIENTIFIC NAMES REFER TO 'RAIN GARDENS, A DESIGN GUIDE FOR HOMEOWNERS IN CONNECTICUT' PUBLISHED BY THE UNIVERSITY OF CONNECTICUT.

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

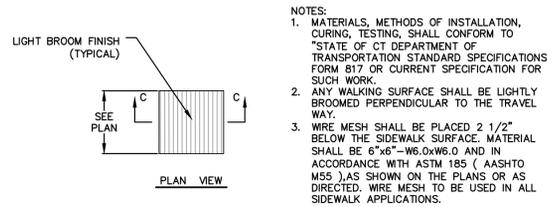
PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

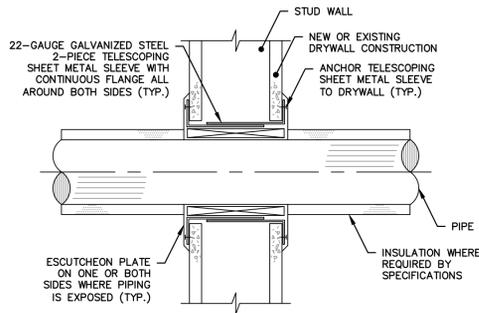
5	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
4	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	MBR	MBR	REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: N.T.S.	DATE: 01/27/2017

SOIL EROSION AND
SEDIMENT CONTROL DETAILS

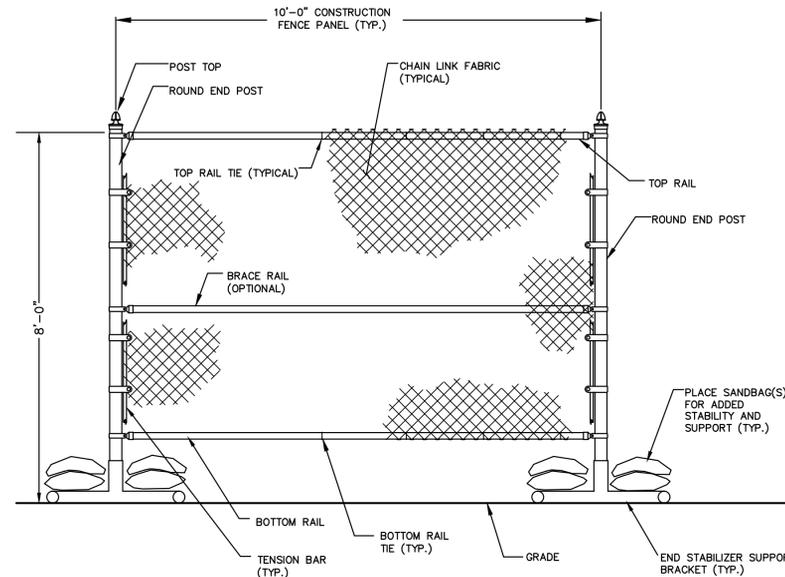
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	C-2.0



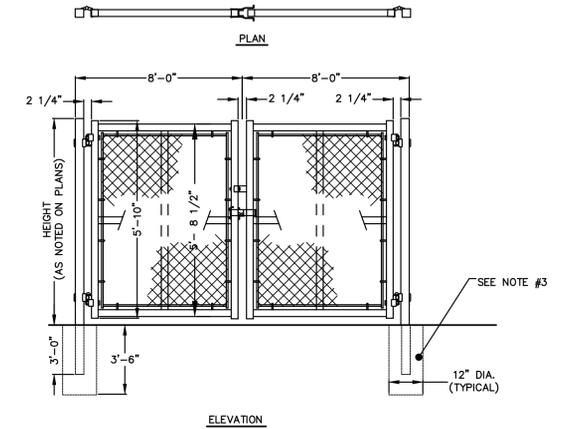
1 TYPICAL CONCRETE STAIR LANDING
C-2.1 N.T.S.



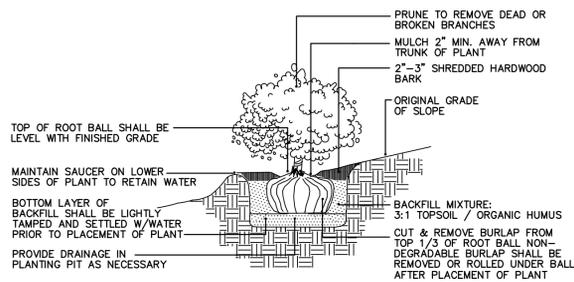
2 TYPICAL WALL/FLOOR PENETRATION
C-2.1 N.T.S.



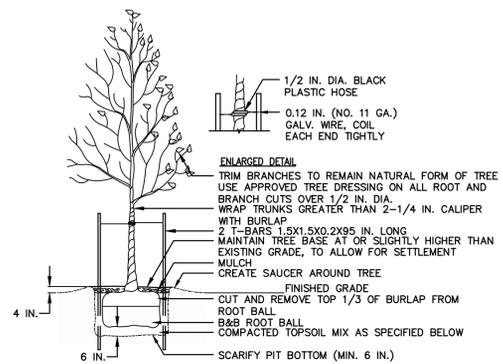
3 TYPICAL PORTABLE CONSTRUCTION CHAIN LINK FENCE
C-2.1 N.T.S.



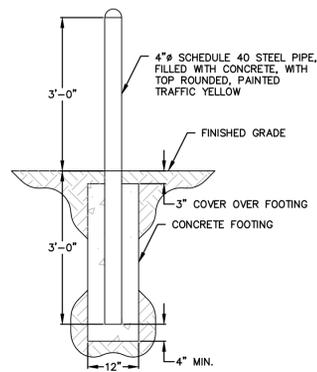
4 TYPICAL DOUBLE LEAF CHAIN LINK FENCE GATE
C-2.1 N.T.S.



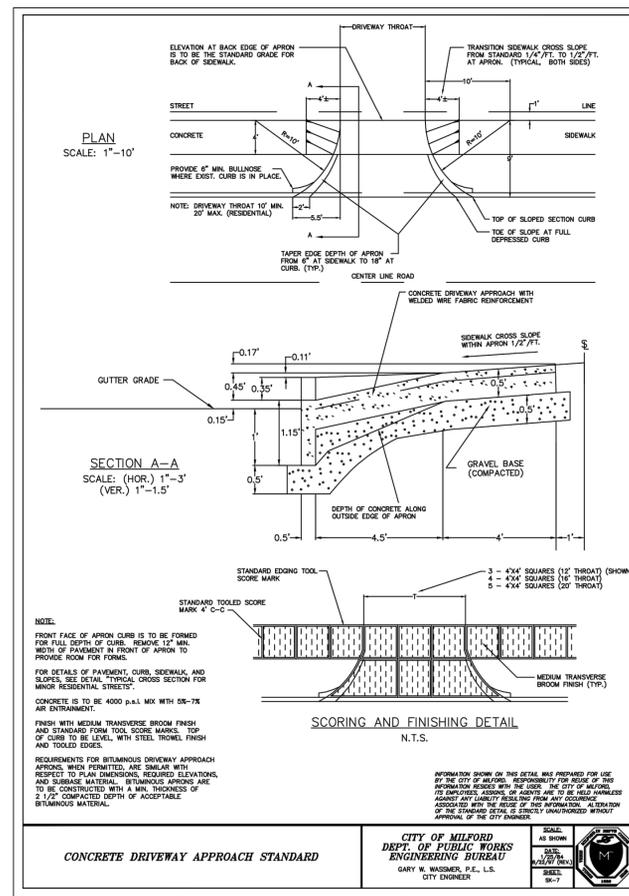
5 TYPICAL SHRUB
C-2.1 N.T.S.



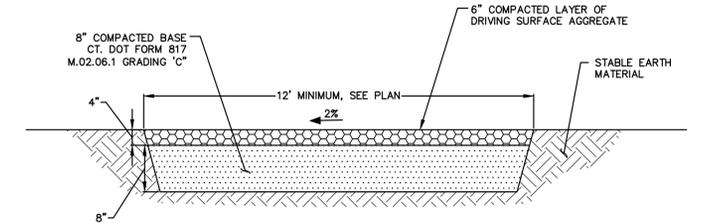
6 TYPICAL DECIDUOUS TREE
C-2.1 N.T.S.



7 TYPICAL BOLLARD
C-2.1 N.T.S.



8 CONCRETE DRIVEWAY APPROACH
C-2.1 AS NOTED



9 GRAVEL DRIVEWAY SECTION
C-2.1 N.T.S.

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

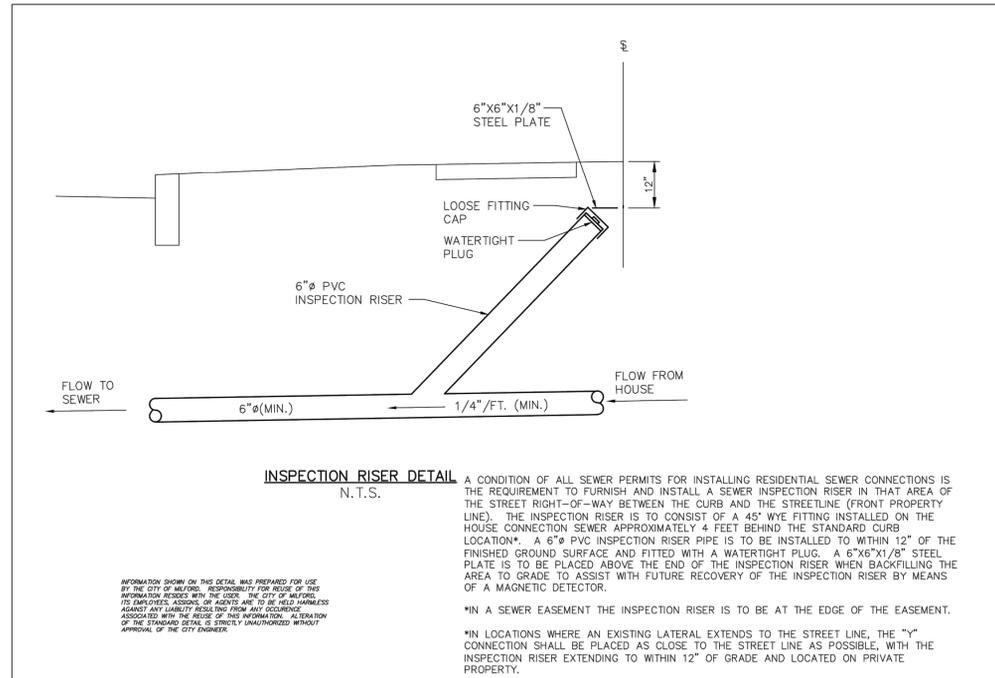
PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

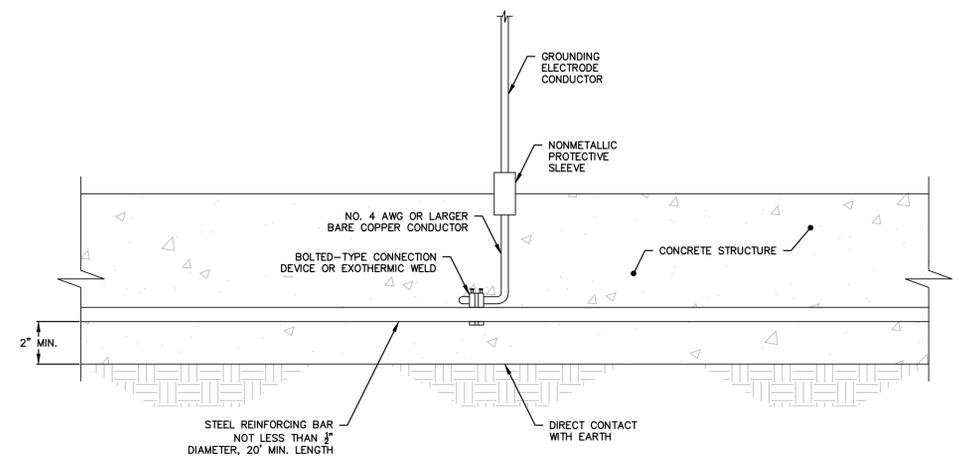
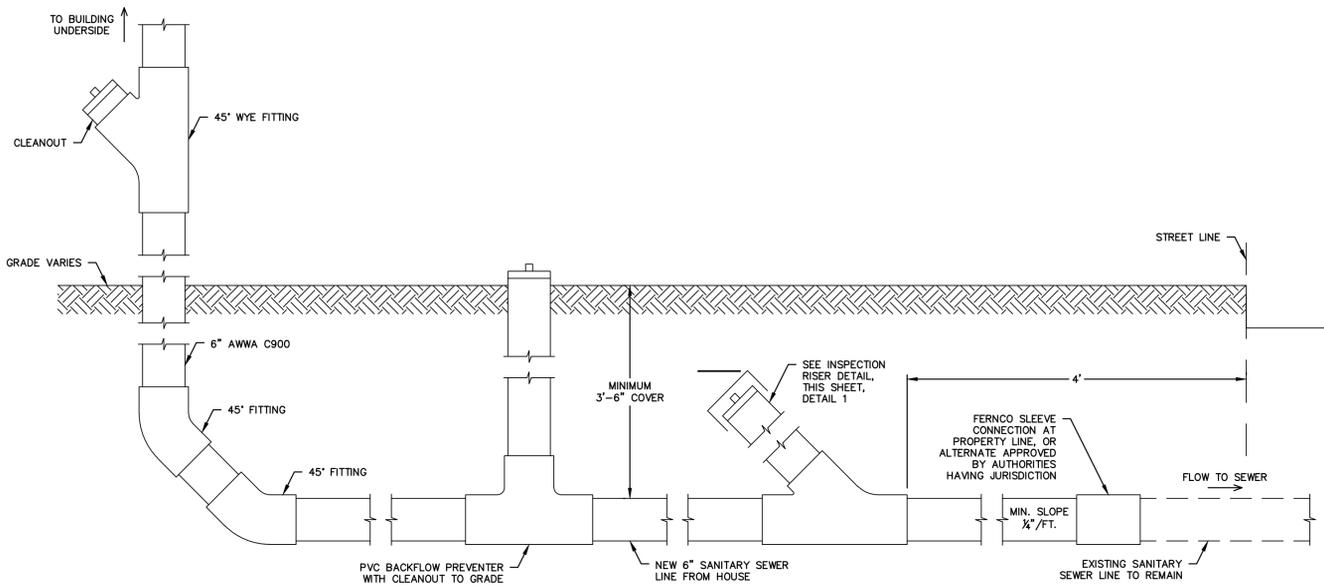
NO.	DATE	REVISIONS	BY	CHK	APPV
5	11/07/2017	ISSUED FOR RE-BID		MBR	MBR REC
4	8/24/2017	ISSUED FOR BID		MBR	MBR REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT		MBR	MBR REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW		MBR	MBR REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN:	KNL	CHECKED:	MBR	APPROVED:	REC
SCALE:	N.T.S.	DATE:	01/27/2017		

SITE DETAILS

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	C-2.1



1 INSPECTION RISER
C-2.2 N.T.S.



NOTE:
1. ALL WORK FOR SANITARY SEWER LATERAL TO BE PER SPECIFICATION SECTION 221313.

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
4	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
3	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
2	3/28/2016	ISSUED FOR PLANNING AND ZONING PERMIT	MBR	MBR	REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: N.T.S.	DATE: 01/27/2017

UTILITY DETAILS

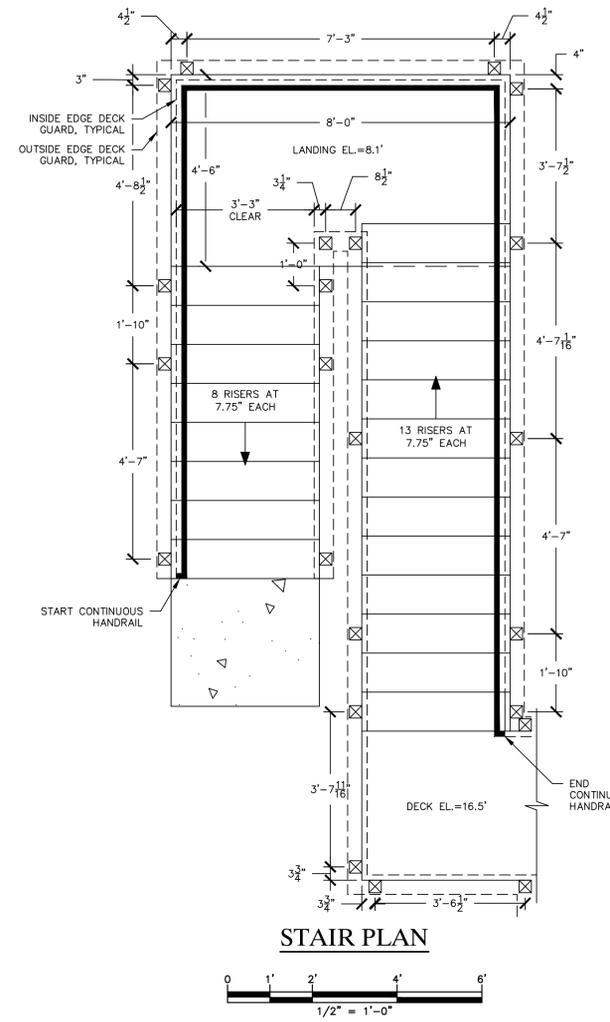
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	C-2.2

GENERAL NOTES

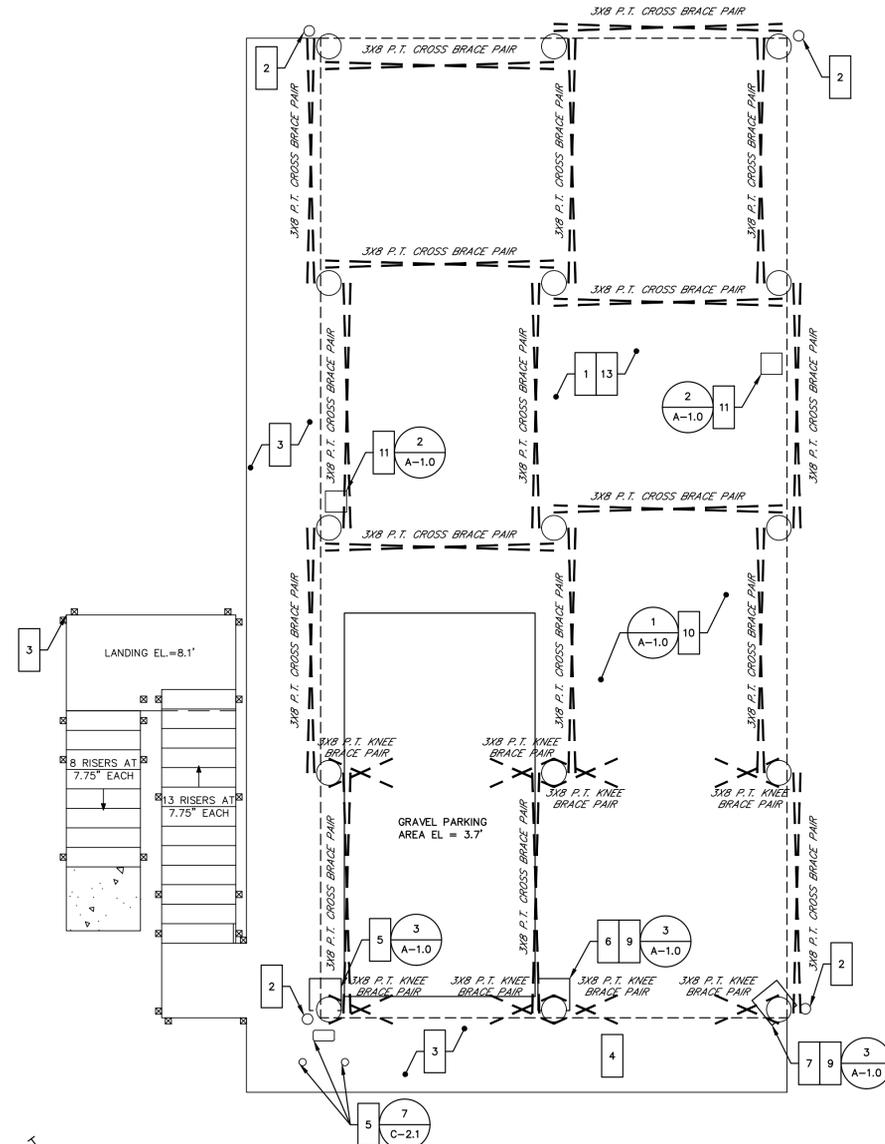
1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
8. ALL BUILDING UTILITIES SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OF 11.0' (NAVD 88)

WORK NOTES

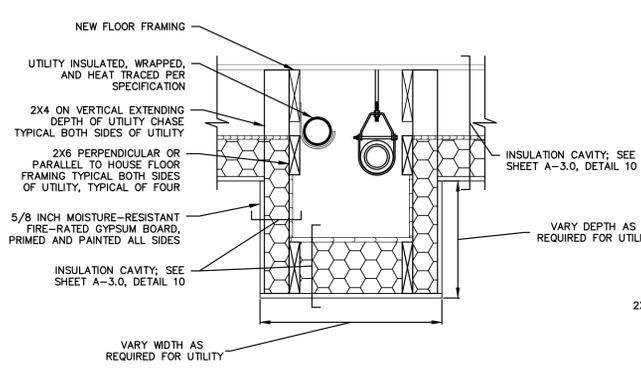
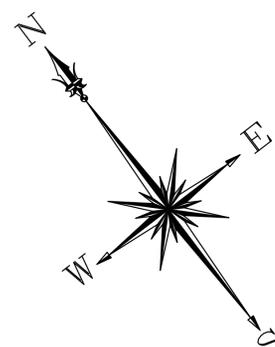
- 1 FURNISH AND INSTALL ALL MATERIALS FOR CONSTRUCTION AND INSTALLATION OF NEW ELEVATED HOME AND SUPPORTS; SEE STRUCTURAL DRAWINGS
- 2 FURNISH AND INSTALL ALL MATERIALS FOR ROOF DOWNSPOUTS EXTENDED TO GRADE; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS
- 3 FURNISH AND INSTALL ALL MATERIALS FOR NEW DECK AND STAIRS AT SOUTHERN AND WESTERN SIDES OF HOUSE
- 4 COORDINATE CONNECTION OF OVERHEAD ELECTRICAL SERVICE TO SERVICE MAST AT WESTERN SIDE OF HOUSE; COORDINATE INSTALLATION OF NEW ELECTRICAL METER WITH UTILITY PROVIDER IN APPROVED LOCATION ABOVE 100-YEAR FEMA BASE FLOOD ELEVATION
- 5 COORDINATE FOR AND FURNISH AND INSTALL ALL MATERIALS FOR NEW GAS SERVICE LINE TO HOUSE FROM PROPERTY LINE; COORDINATE INSTALLATION OF GAS METER WITH UTILITY PROVIDER; INSTALL TWO BOLLARDS IN FRONT OF GAS METER AS SHOWN ON PLAN. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE ADJACENT TO GAS METER.
- 6 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW DOMESTIC WATER SERVICE FROM PROPERTY LINE TO BUILDING. EXTEND SERVICE TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. INSULATE AND HEAT TRACE WATER LINE TO 42" BELOW GRADE. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE AT NEW TIMBER PILE FOR WATER LINE.
- 7 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW SANITARY SEWER LATERAL FROM PROPERTY LINE TO BUILDING. EXTEND SERVICE TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE AT NEW TIMBER PILE FOR SANITARY SEWER LATERAL.
- 8 EXTEND WATER, GAS, AND SANITARY SERVICES TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT ALL SERVICES PER CONTRACT SPECIFICATIONS
- 9 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 10 FURNISH AND INSTALL ALL MATERIALS TO CONSTRUCT HORIZONTAL UTILITY CHASES AT UNDERSIDE OF HOUSE FOR NATURAL GAS, DOMESTIC WATER AND SANITARY SEWER SERVICE LINES PROJECTING BELOW 2X10 HOUSE FLOOR FRAMING
- 11 FURNISH AND INSTALL ACCESS DOORS AT SEWER CLEANOUTS AND SHUTOFF VALVES BENEATH HOUSE
- 12 FURNISH AND INSTALL ALL MATERIALS FOR NEW BRICK WALK AT BOTTOM OF PROPOSED STAIRS AT SOUTHERN SIDE OF HOUSE
- 13 FURNISH AND INSTALL 12" THICK LAYER OF 3/4" MINUS PROCESS AGGREGATE BASE STONE BENEATH PROPOSED HOUSE



STAIR PLAN

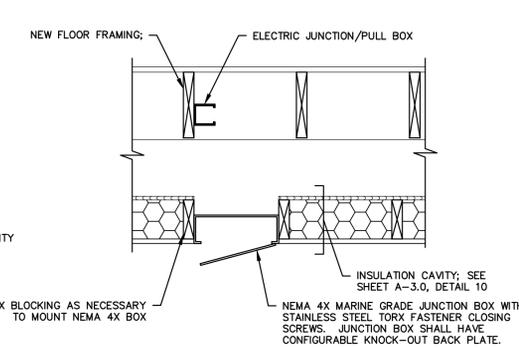


GRADE LEVEL



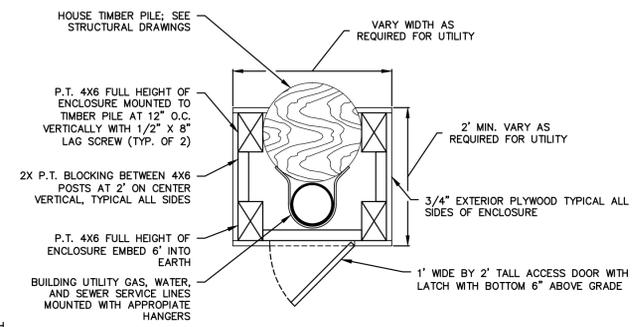
1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. WIDTH OF UTILITY CHASE SHALL BE FIELD VERIFIED WITH CONTRACTOR AND ENGINEER FOR PROPER ACCESS TO REPLACE, REPAIR, OR MAINTAIN SUBJECT UTILITY.
3. UTILITY CHASE SHALL BE CONSTRUCTED FOR NATURAL GAS SERVICE, SANITARY SEWER DRAIN, AND DOMESTIC WATER SERVICE PIPING.

1 HORIZONTAL UTILITY CHASE
A-1.0 1" = 1'-0"



1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. CONTRACTOR SHALL VERIFY IN FIELD AND REVIEW WITH ENGINEER LOCATIONS OF EXISTING JUNCTION/PULL BOXES FOR NEW ACCESS BOX INSTALLATION
3. NEMA JUNCTION BOX SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS, FLUSH WITH SURROUNDING GYPSUM BOARD, WITH WEATHER TIGHT SEAL.

2 BENEATH HOUSE ACCESS BOX
A-1.0 1" = 1'-0"



1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. NAILING/FASTENING NOT SPECIFIED SHALL MEET REQUIREMENTS OF 2003 IRC NAILING SCHEDULE
3. EXPOSED EXTERIOR FACES OF ENCLOSURE ABOVE GRADE SHALL BE PRIMED AND PAINTED WITH EXTERIOR PAINT IN OWNER SELECTED COLOR

3 COLUMN UTILITY CHASE
A-1.0 1" = 1'-0"

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

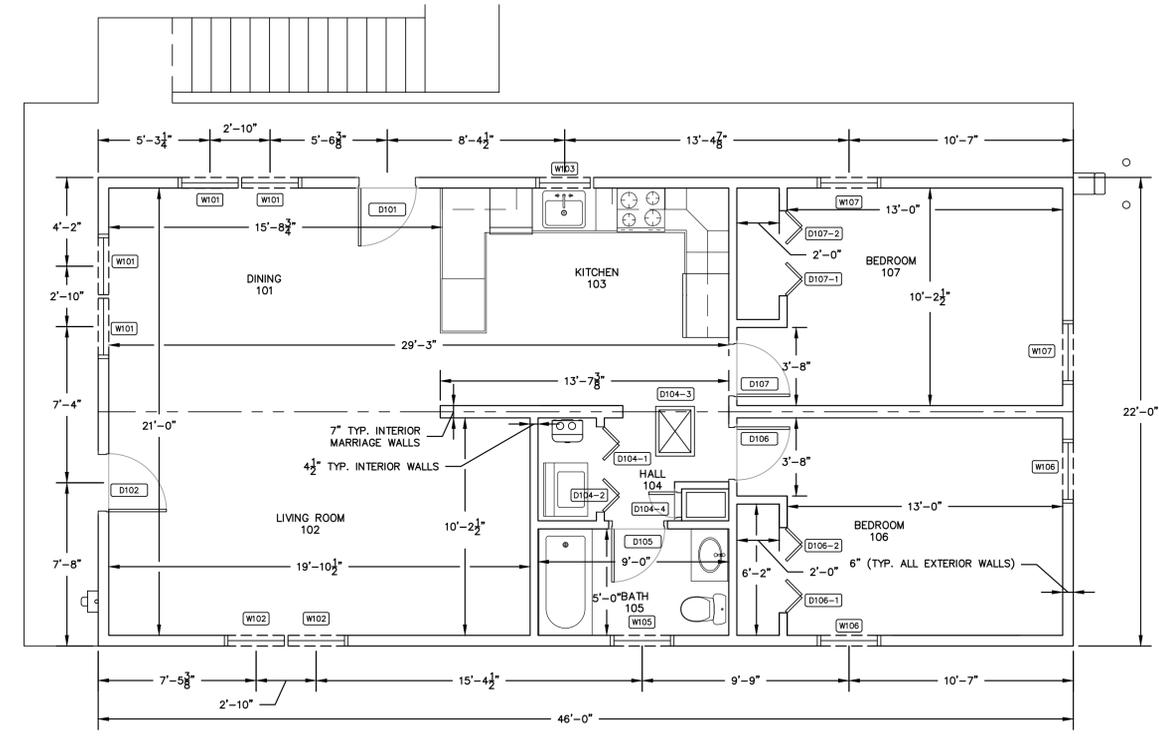
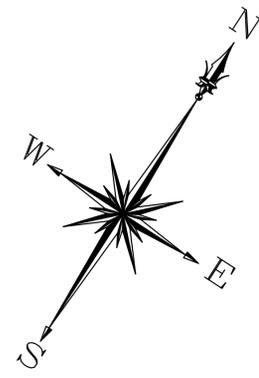
PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

ISSUED FOR BIDDING
NOT FOR CONSTRUCTION

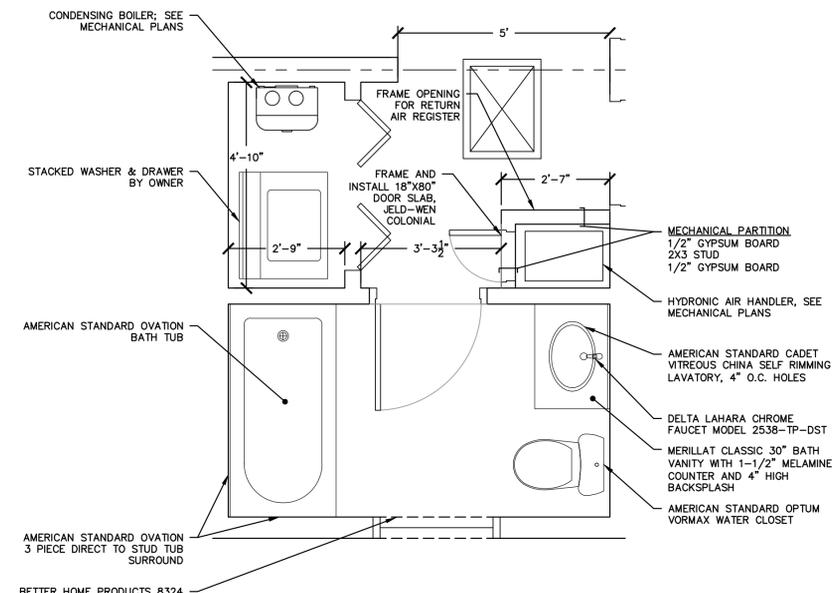
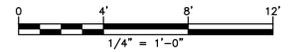
NO.	DATE	REVISIONS	BY	CHK	APPV
5	11/07/2017	ISSUED FOR RE-BID		BYS	CHKS APPVS
4	8/24/2017	ISSUED FOR BID		MBR	MBR REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT		MBR	MBR REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW		MBR	MBR REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 01/27/2017

PROPOSED FLOOR PLAN - 1

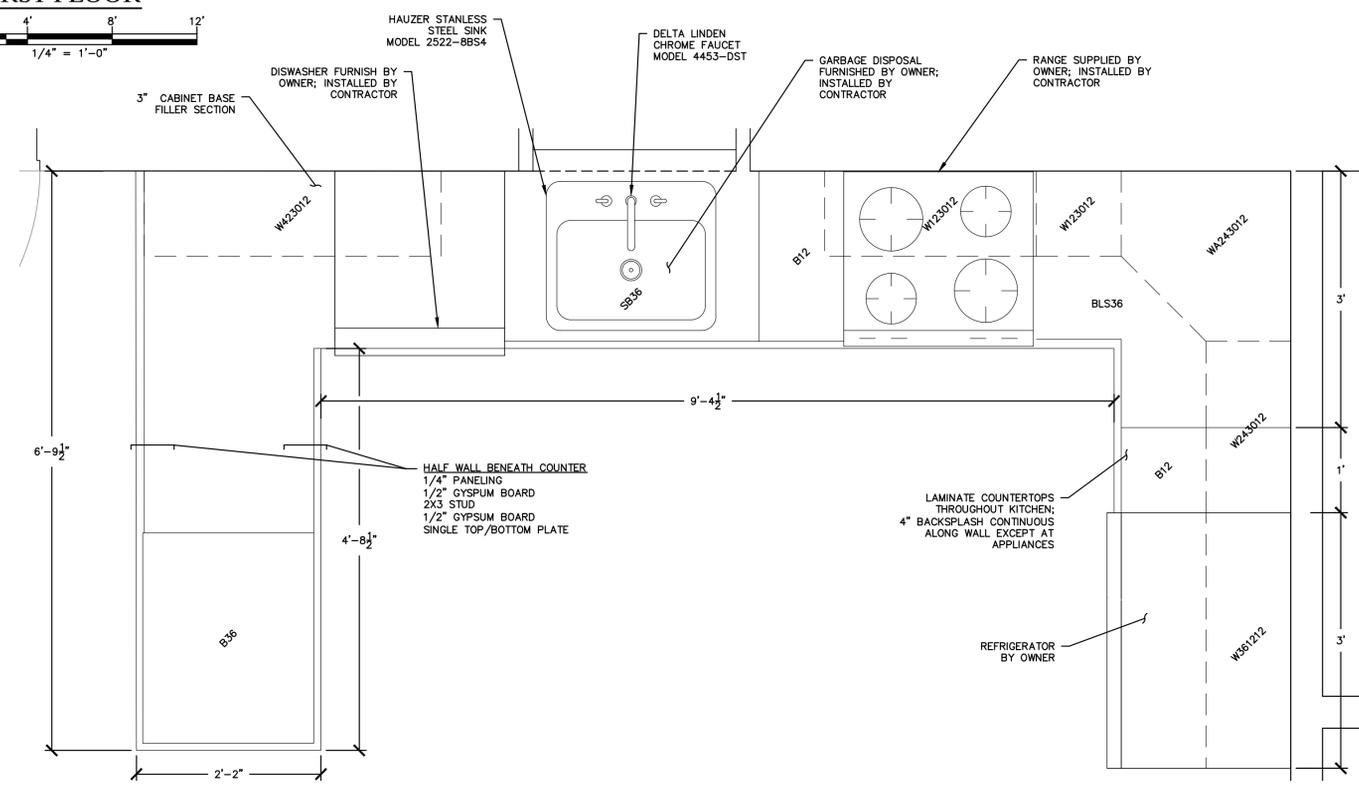
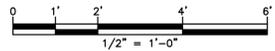
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-1.0



FIRST FLOOR



BATH ROOM



KITCHEN



- KITCHEN NOTES**
- CABINET LAYOUT IS BASED ON MERILLAT CLASSIC™ SERIES
 - SEE SPECIFICATION FOR ADDITIONAL CABINET CONSTRUCTION DETAILS
 - COORDINATE FINAL LAYOUT WITH OWNER TO ACCOMMODATE APPLIANCES. LAYOUT SHOWN ACCOMMODATES THE FOLLOWING APPLIANCES OPENINGS
 - REFRIGERATOR - 36"
 - RANGE - 30" - PROVIDE HEAT SHIELDS
 - DISH WASHER - 24"
 - CABINET TYPE LABELS ARE AS FOLLOWS
 - SE - SINK BASE, DOUBLE DOOR
 - B - BASE CABINET, SINGLE DOOR
 - BLS - BASE LAZY SUSAN CABINET
 - W - WALL CABINET, SINGLE DOOR, WALL CABINETS GREATER THAN 18" IN WIDTH TO BE DOUBLE DOOR
 - WA - WALL ANGLE SINGLE DOOR
 - CABINET DIMENSIONS ARE BASED ON UNIVERSAL NOMINAL DIMENSIONS INDICATED IN SIX NUMBER ARRANGEMENT FOR WIDTH, HEIGHT, DEPTH.
 - ALL BASE CABINETS ARE 24" IN DEPTH AND 34" IN HEIGHT NOMINAL DIMENSIONS
 - CABINET DOORS
 - DOORS SHALL BE PLASTIC LAMINATE FACED MEDIUM DENSITY FIBERBOARD (MDF)
 - CONFIRM HARDWARE SELECTION WITH OWNER
 - HINGES SHALL BE CONCEALED SELF CLOSING TYPE
 - SHELVING
 - BASE CABINET SHELVING SHALL BE FULL DEPTH, EACH CABINET SHALL HAVE ONE SHELF AND STANDARD CONSTRUCTION DRAWER
 - SHELF HEIGHT SHALL BE ADJUSTABLE WITH LOCKING CLIPS
 - WALL CABINET SHELVING SHALL BE FULL DEPTH OF CABINET
 - WALL CABINETS LESS THAN 12" SHALL HAVE NO SHELVES
 - WALL CABINETS WITH 18" DEPTH SHALL HAVE 1 SHELF
 - WALL CABINETS GREATER THAN 18" IN HEIGHT SHALL HAVE 2 SHELVES

GENERAL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
- ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
- ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
- WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
- THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
- ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
- ALL BUILDING UTILITIES SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OF 11.0' (NAVD 88)

GENERAL DOOR NOTES

- ALL DOORS ARE TO BE INSTALLED PER ALL MANUFACTURER REQUIREMENTS.
- ALL DOORS ARE TO BE LABELED AND TESTED IN ACCORDANCE WITH AAMA 101.
- EXTERIOR DOOR DIMENSION SHALL BE 3'-0" WIDE BY 6'-8" IN HEIGHT.
- EXTERIOR DOOR DESIGN PRESSURE (DP) RATING SHALL BE MINIMUM 50 POUNDS PER SQUARE FOOT.

GENERAL WINDOW NOTES

- ALL WINDOWS ARE TO BE INSTALLED PER ALL MANUFACTURER REQUIREMENTS.
- ALL WINDOW SILLS TO BE A MINIMUM OF 24" ABOVE APPLICABLE FINISHED FLOOR ELEVATION, BUT NO MORE THAN 36".
- MINIMUM CLEAR OPENINGS SHALL BE 20".
- WINDOW OPENINGS SHALL PROVIDE A MINIMUM OF 5.7 S.F. CLEAR OPENING.
- ALL WINDOWS ARE TO BE LABELED AND TESTED IN ACCORDANCE WITH AAMA 101.
- ALL SELF-ADHERED MEMBRANES FOR WINDOW FLASHINGS SHALL COMPLY WITH AAMA 711.
- WINDOW GLAZING TO MEET ENERGY STAR "WHOLE UNIT" RATINGS FOR NORTHERN CLIMATE ZONE.
- EXTERIOR WINDOW DESIGN PRESSURE (DP) RATINGS SHALL BE A MINIMUM OF 50 POUNDS PER SQUARE FOOT

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
 Rocky Hill, CT 06067
 Telephone: (860) 436-4364
 Fax: (860) 436-4626
 www.martinezcouch.com

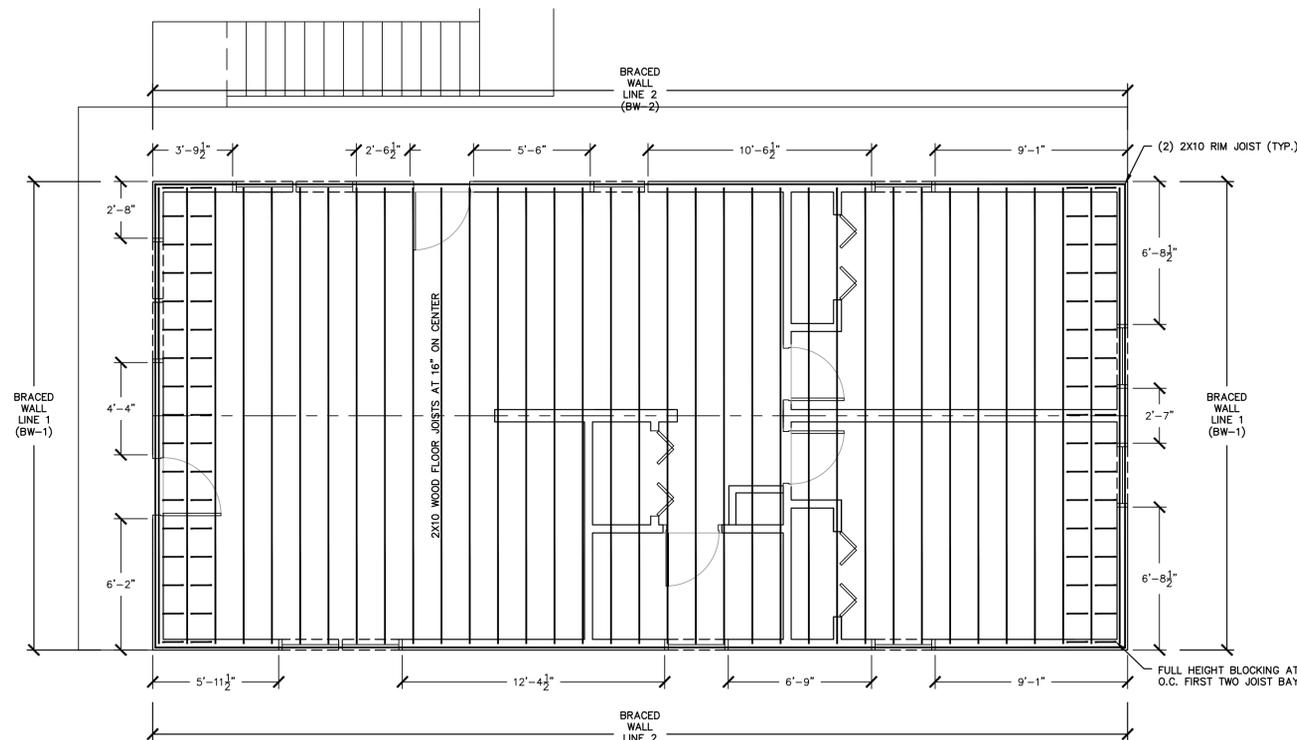
PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

ISSUED FOR BIDDING
NOT FOR CONSTRUCTION

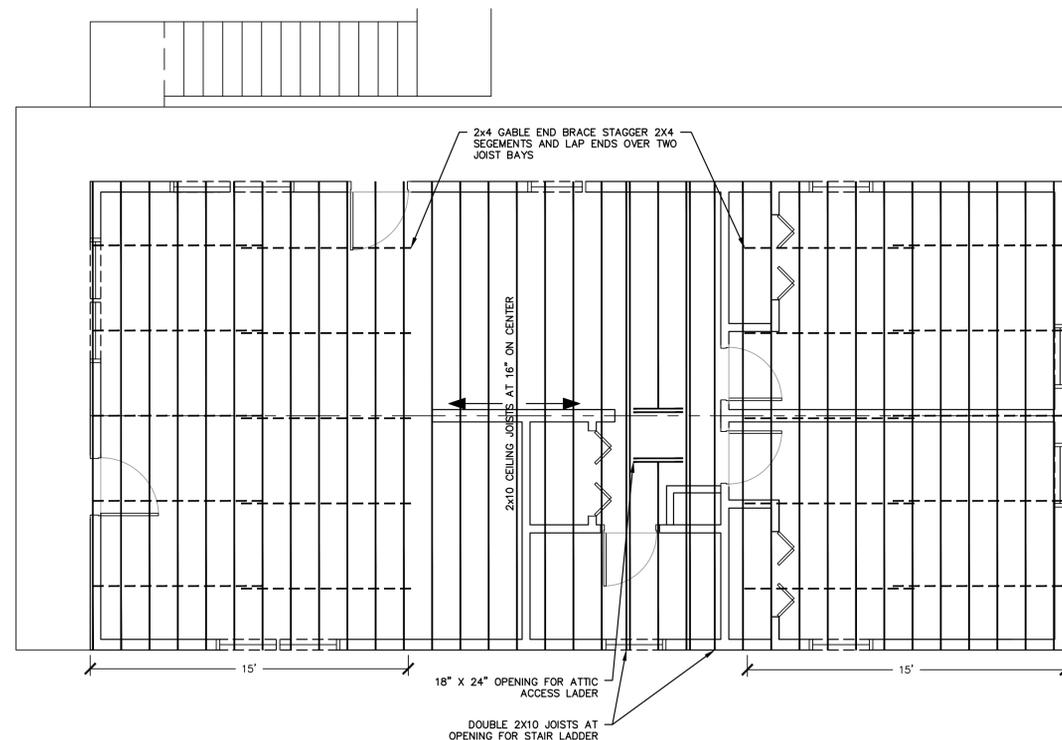
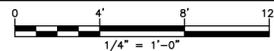
5	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
4	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	MBR	MBR	REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 01/27/2017

PROPOSED FLOOR PLAN - 2

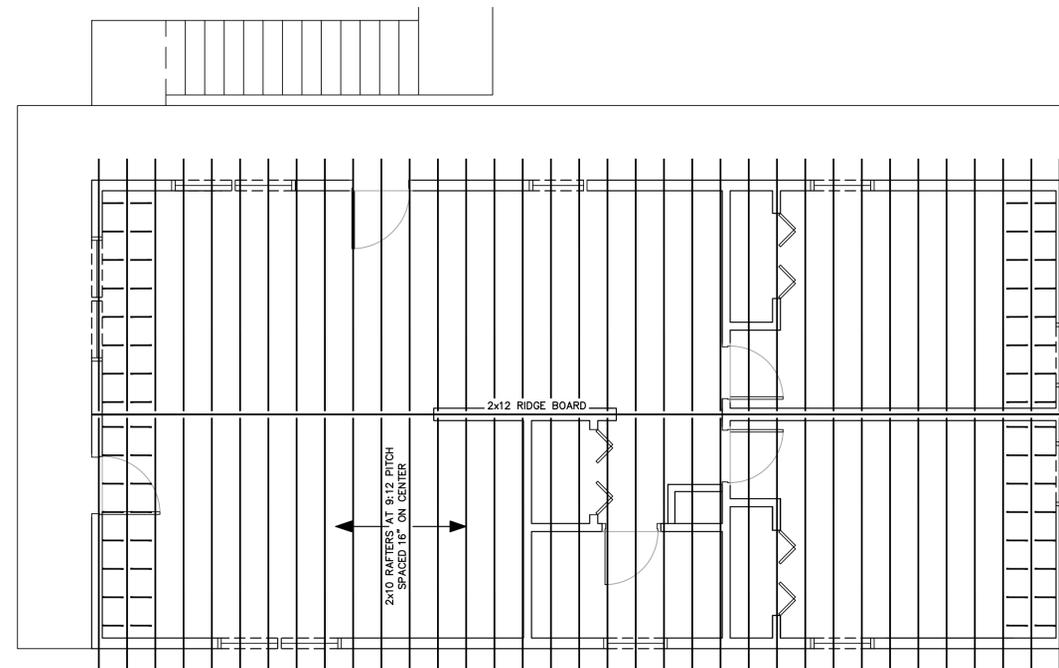
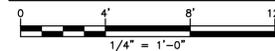
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-1.1



FIRST FLOOR FRAMING AND BRACED WALL PLAN



ATTIC FRAMING PLAN



ROOF FRAMING PLAN



SHEAR WALL SCHEDULE							
WALL LINE ID	SHEATHING			FASTENER DATA	PANEL EDGE NAILING SPACING	PANEL INTERMEDIATE NAILING SPACING	BOTTOM/TOP PLATE NAILING
	FACES	TYPE	THICKNESS (IN.)				
BW-1	ONE	APA PLYWOOD	1/2	8d COMMON NAIL	1 ROW AT 6" O.C.	12	2 ROWS AT 4" O.C.
BW-2	ONE	APA PLYWOOD	1/2	8d COMMON NAIL	1 ROW AT 6" O.C.	12	2 ROWS AT 4" O.C.

HEADER SCHEDULE	
ROUGH OPENING	HEADER
UP TO 4'-0"	(3) 2X8 WITH PLYWOOD SPACERS
4'-0" TO 6'-0"	(3) 2X12 WITH PLYWOOD SPACERS

GENERAL

- BASIS OF DESIGN
 - 2016 CONNECTICUT STATE BUILDING CODE BUILDING CODE
 - 2012 WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM)
 - NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, LATEST EDITION
- CONTRACTOR WILL COMPLY WITH REQUIREMENTS OF DESIGN CODES AS MINIMUM STANDARDS AND WITH REQUIREMENTS OF THESE DRAWINGS EXCEEDING APPLICABLE CODES.
- DETAILS ARE CONSIDERED TYPICAL AND WHERE REASONABLY INTERPRETTED TO APPLY OR BE REPEATED TO SIMILAR CONDITIONS SHALL BE APPLIED AT ALL LOCATIONS, INDICATED ON DRAWINGS OR NOT.
- ALL WORK SHALL CONFORM WITH DESIGN CODES AND APPLICABLE STANDARDS PROMULGATED BY AUTHORITIES HAVING JURISDICTION.

DESIGN LOADS

- GROUND SNOW LOAD = 30 P.S.F.
- ROOF LIVE LOAD = 30 P.S.F.
- ATTIC LIVE LOAD = 10 P.S.F.
- FIRST FLOOR LIVE LOAD = 40 P.S.F.
- WIND LOAD = 110 M.P.H. 3-SECOND GUST

WOOD STRUCTURE NOTES

- ALL VISUALLY GRADED LUMBER STRUCTURAL LUMBER AND WOOD FRAMING CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
- ALL FRAMING LUMBER MEMBERS SHALL BE SECURELY FASTENED TOGETHER ADJACENT MEMBERS WHERE APPROPRIATE AND TO SUPPORTING/ADJACENT CONSTRUCTION; NAILING, LAP SCREWING, SCREWING, SPIKED, AND BOLTED AS REQUIRED.
- FASTENING AND STRUCTURAL NAILING SHALL CONFORM TO 2012 WFCM NAILING SCHEDULE FOR DESIGN CRITERIA LOADING.
- WOOD JOIST HANGERS, STRAPPING, ANCHORS, CLIPS, AND TIES SHALL BE BY SIMPSON STRONG-TIE OR APPROVED EQUAL
- PROVIDE FULL HEIGHT BLOCKING AT 8'-0" ON CENTER MAXIMUM FOR JOISTS
- PROVIDE DOUBLE JOISTS AT OPENINGS GREATER THAN 24" IN WIDTH
- PROVIDE SQUASH BLOCKS AT JOISTS BELOW BEARING WALLS; SQUASH BLOCK TO BE FULL WIDTH OF STUD OR BEARING POST ABOVE

WALL STUD/FRAMING NOTES

- WALL FRAMING SHALL BE 2X6 STUD FRAMED WALLS AT 16" ON CENTER WITH DOUBLE TOP PLATE AND SINGLE BOTTOM PLATE UNLESS OTHERWISE NOTED
- WALL STUDS SHALL BE SINGLE PIECE ONE LENGTH MEMBERS PLATFORM FRAMED
- AT ALL EXTERIOR WALL HEADERS PROVIDE TWO (2) KING STUDS AND TWO (2) JACK STUDS
- CORNERS AND INTERSECTIONS SHALL BE CONSTRUCTED WITH NOT LESS THAN THREE (3) STUDS
- TOP PLATES TO BE CONTINUOUS; LAP SPLICE DOUBLE AND SINGLE PLATES AT CORNERS AND INTERSECTIONS.

PLYWOOD SHEATHING INSTALLATION

- PROVIDE CONTINUOUS BLOCKING LINE AT WALL MID-HEIGHT AND AT ALL UNSUPPORTED PLYWOOD JOINTS ON WALLS
- AT UNSUPPORTED ROOF SHEATHING EDGES PROVIDE BLOCKING EVENLY SPACED AT ROOF SHEATHING JOINTS; ALSO WITHIN 4 FEET OF ROOF EDGES, EAVES, AND PEAKS
- STAGGER END OF SHEATHING UNLESS OTHERWISE NOTED
- PLYWOOD SHEATHING SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTING FRAMING MEMBER AND HAVE A MINIMUM TWO SPAN CONDITION
- DOUBLE 2X BLOCKING SHALL BE INSTALLED AT SHEATHING EDGES ON THE HORIZONTAL BETWEEN WALL FRAMING MEMBERS
- CENTER JOINTS IN PLYWOOD SHEATHING OVER FRAMING MEMBERS

WOOD FRAMING

- DIMENSION LUMBER FOR JOISTS AND BEAMS SHALL BE NO. 2 OR BETTER DOUGLAS FIR LARCH WITH THE FOLLOWING MINIMUM MATERIAL PROPERTIES:
 - F_b = 900 PSI
 - F_c(+) = 625 PSI
 - F_c(||) = 1,350 PSI
 - F_v = 180 PSI
 - F_t = 575 PSI
 - E = 1,600,000 PSI
- DIMENSIONAL LUMBER FOR STUD WALLS SHALL BE STUD GRADE OR BETTER DOUGLAS FIR LARCH WITH THE FOLLOWING MINIMUM MATERIAL PROPERTIES:
 - F_b = 700 PSI
 - F_c(perp.) = 625 PSI
 - F_c(par.) = 850 PSI
 - F_v = 180 PSI
 - F_t = 450 PSI
 - E = 1,400,000 PSI
- SHEATHING GENERAL
 - ALL PLYWOOD SHEATHING SHALL CONFORM TO THE AMERICAN PLYWOOD ASSOCIATIONS (APA) STANDARDS AND RECOMMENDATIONS.
 - ALL PLYWOOD SHEATHING SHALL BE APA RATED AND EXPOSURE 1 OR BETTER
- FLOOR SHEATHING
 - MATERIALS - 3/4" APA RATED STURD-I FLOOR SHEATHING WITH TONGUE AND GROOVE EDGES
 - GLUE AND NAIL FLOOR SHEATHING PER NAILING SCHEDULE
- ROOF SHEATHING
 - MATERIALS - 3/4" APA RATED EXPOSURE 1 SHEATHING
 - NAIL SHEATHING PER NAILING SCHEDULE
- WALL SHEATHING
 - MATERIALS - 1/2" APA RATED EXPOSURE 1 SHEATHING
 - NAIL SHEATHING PER NAILING SCHEDULE

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

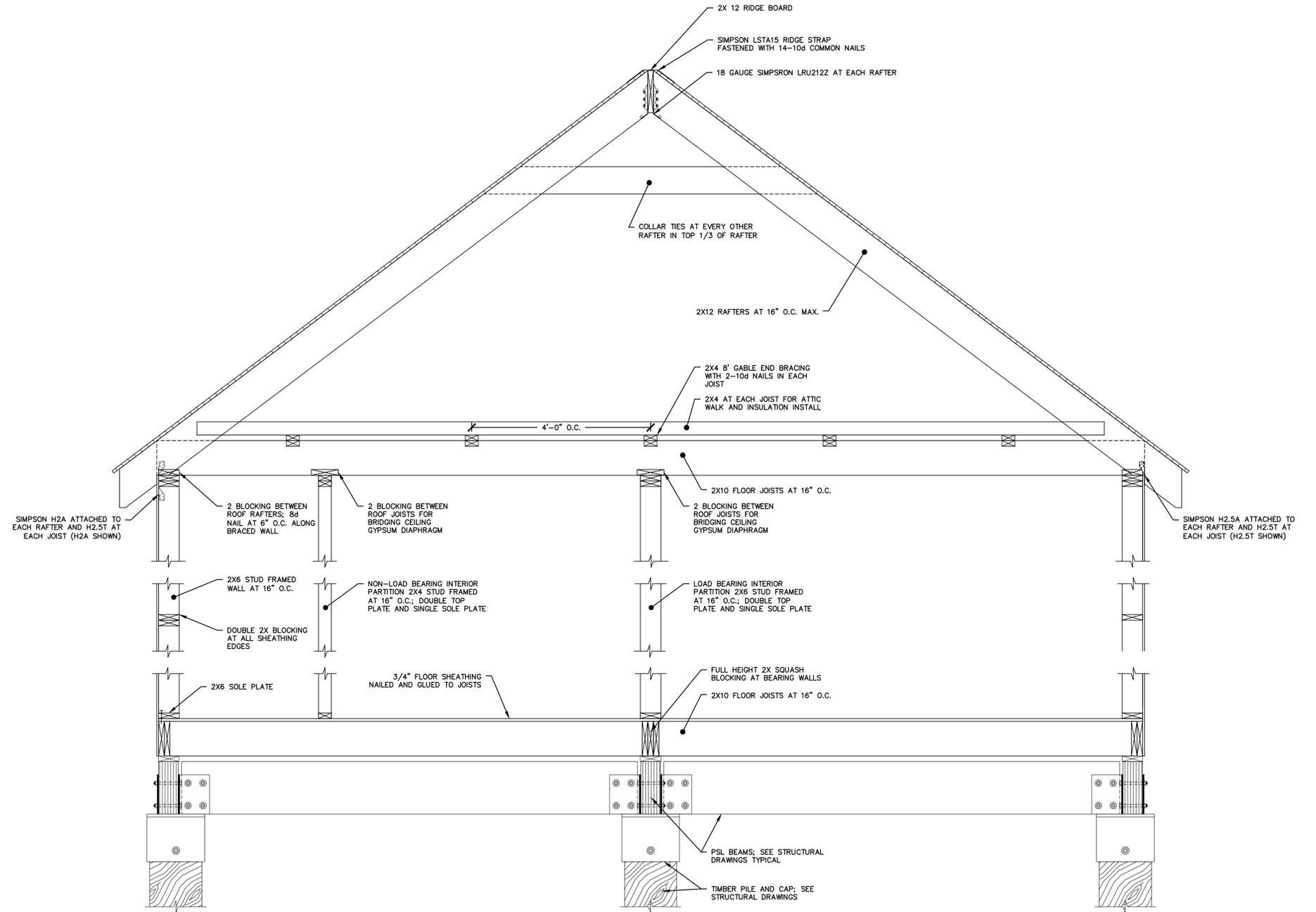
3	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
2	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 01/27/2017

**WOOD STRUCTURE FRAMING
PLANS AND NOTES**

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-1.2

JOINT DESCRIPTION	NUMBER COMMON NAILS	NAIL SPACING	COMMENT
ROOF FRAMING			
RAFTER TO TOP PLATE	5-8d	PER RAFTER	TOE-NAILED
CEILING JOIST TO TOP PLATE	5-8d	PER JOIST	TOE-NAILED
CEILING JOIST TO PARALLEL RAFTER	3-16d	EACH JOIST/RAFTER	FACE-NAILED
COLLAR TIE TO RAFTER	3-10d	PER TIE	FACE-NAILED
BLOCKING TO RAFTER	2-8d	EACH END	TOE-NAILED
RIM BOARD TO RAFTER	2-16d	EACH END	END-NAILED
WALL FRAMING			
TOP PLATE TO TOP PLATE	2-16d	PER FOOT	FACE-NAILED
TOP PLATE AT INTERSECTIONS	4-16d	EACH SIDE	FACE-NAILED
STUD TO STUD	2-16d	24" O.C.	FACE-NAILED
HEADER TO HEADER	16d	16" O.C. ALONG EDGE	FACE-NAILED
TOP PLATE TO STUD	2-16d	EACH STUD	END-NAILED
BOTTOM PLATE TO STUD	2-16d	EACH STUD	END-NAILED
BOTTOM PLATE TO JOIST/BLOCKING	2-16d	PER FOOT	FACE-NAILED
FLOOR FRAMING			
JOIST TO SILL, TOP PLATE, OR GIRDER	4-8d	EACH JOIST	TOE-NAILED
BLOCKING/BRIDGING TO JOIST	2-8d	EACH END	TOE-NAILED
BLOCKING TO SILL/TOP PLATE	3-16d	EACH BLOCK	TOE-NAILED
BAND JOIST TO JOIST	3-16d	PER JOIST	END-NAILED
BAND JOIST TO SILL/TOP PLATE	2-16d	PER FOOT	TOE-NAILED
ROOF SHEATHING			
WOOD STRUCTURAL PANEL - EDGE ZONE	10d	6" EDGES/ 6" FIELD	
WALL SHEATHING			
WOOD STRUCTURAL PANEL	8d	6" EDGES/ 12" FIELD	
FLOOR SHEATHING			
WOOD STRUCTURAL PANEL	10d	6" EDGES/ 12" FIELD	
CEILING SHEATHING			
GYPSUM BOARD	5d COOLERS	7" EDGE/10" FIELD	

1 NAILING TABLE
A-1.3 N.T.S.



2 FRAMING SECTION
A-1.3 1/2" = 1'-0"

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

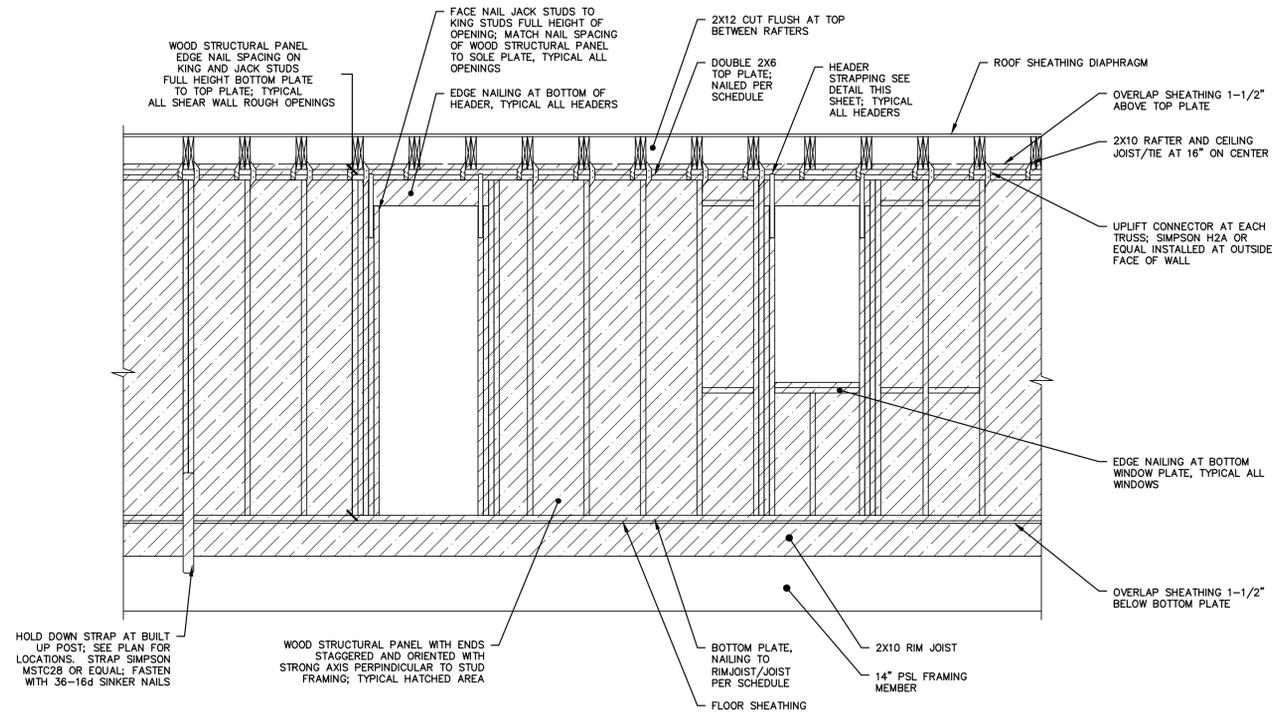
**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
3	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
2	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC

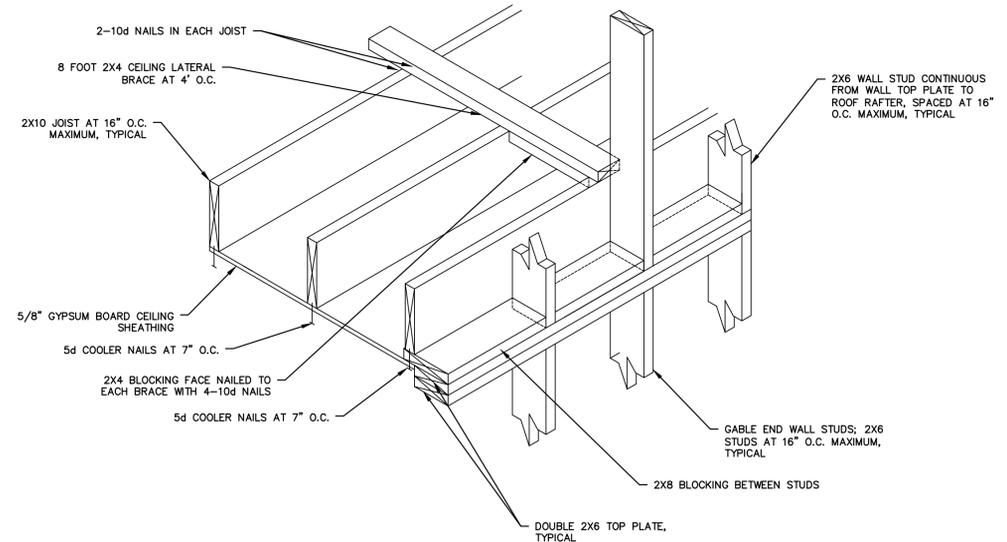
DRAWN: CMP CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE: 01/27/2017

DETAILS
AND SECTIONS

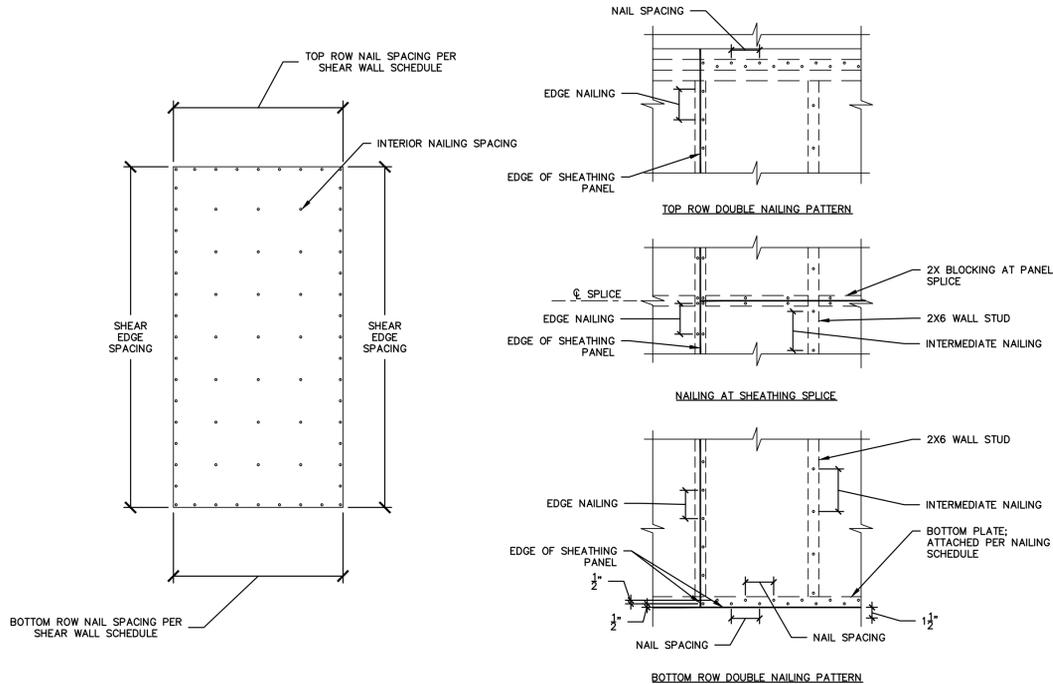
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-1.3



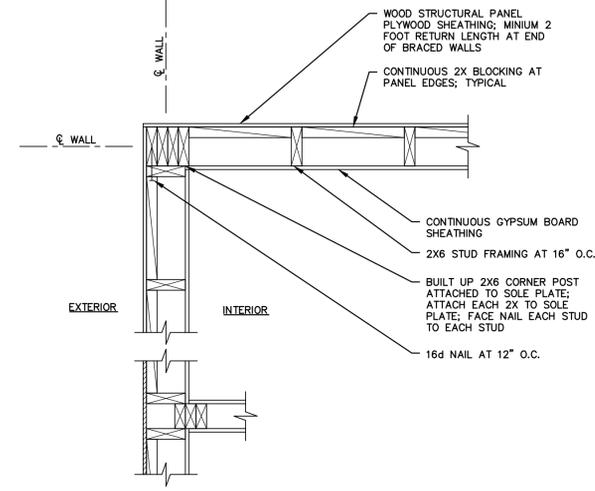
1 TYPICAL SHEAR WALL ELEVATION DETAIL
A-1.4 1/2" = 1'-0"



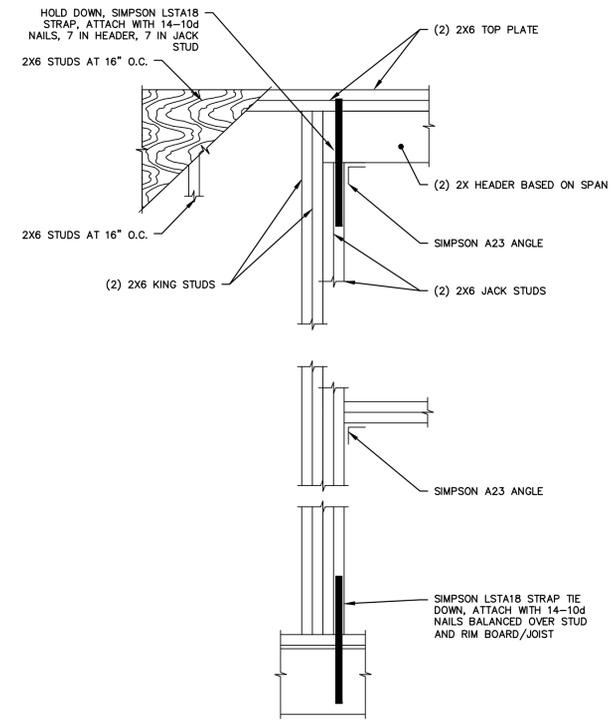
2 GABLE END WALL BRACING DETAIL
A-1.4 1/2" = 1'-0"



3 SHEAR WALL NAIL SPACING
A-1.4 N.T.S.



4 SHEAR WALL LAYOUT AND CORNER DETAIL
A-1.4 N.T.S.



5 SHEAR WALL HEADER TIE DOWN DETAIL
A-1.4 1" = 1'-0"

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

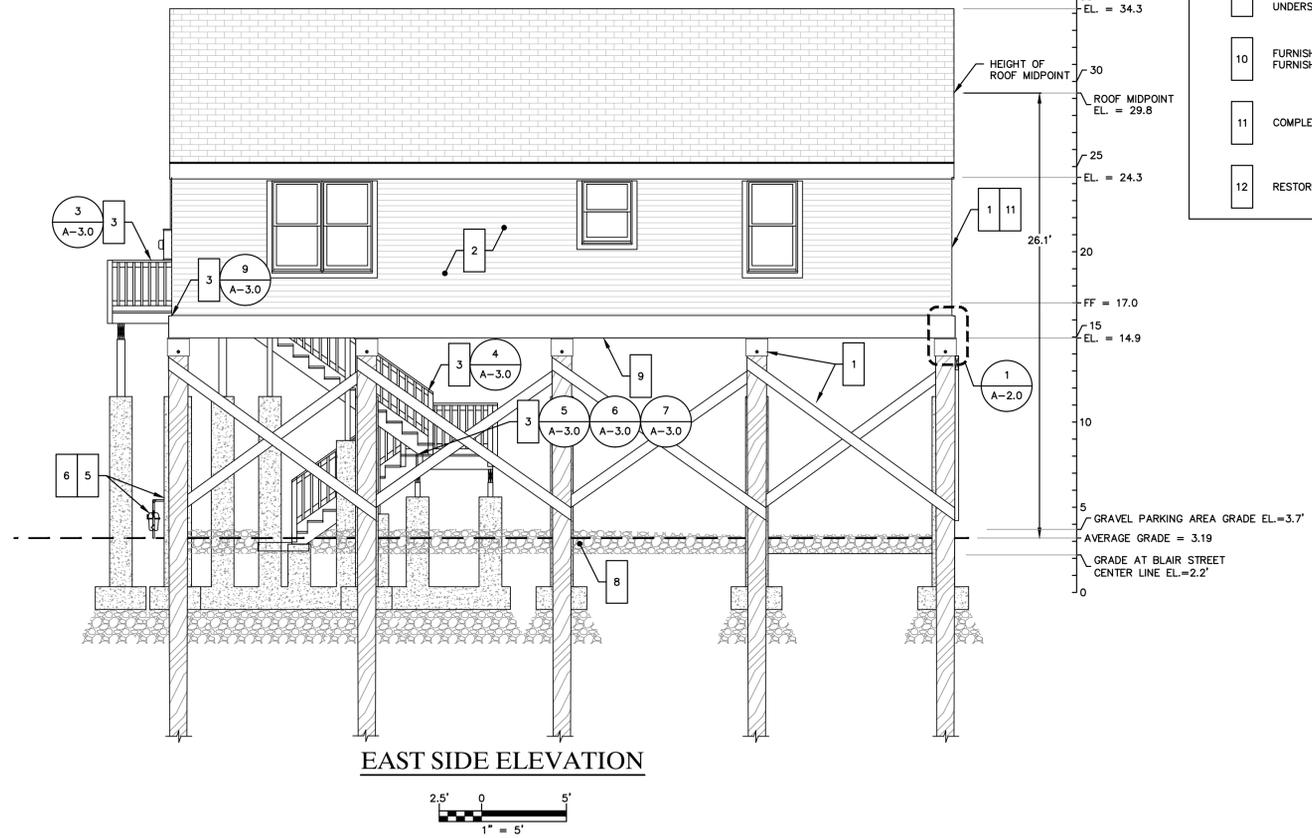
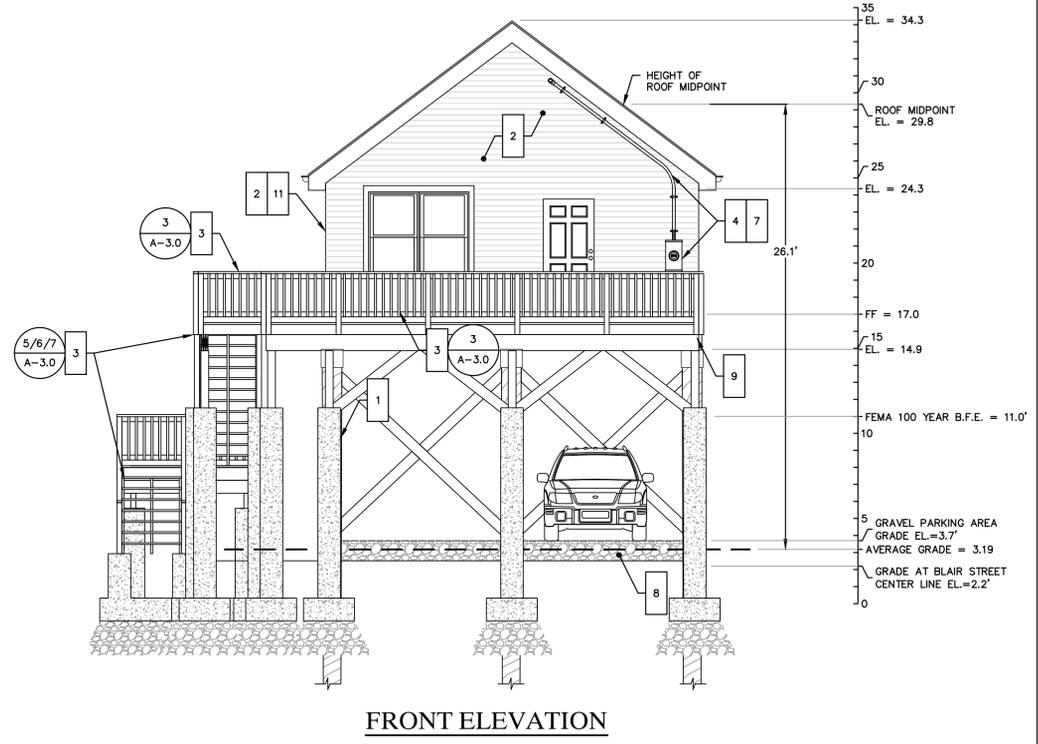
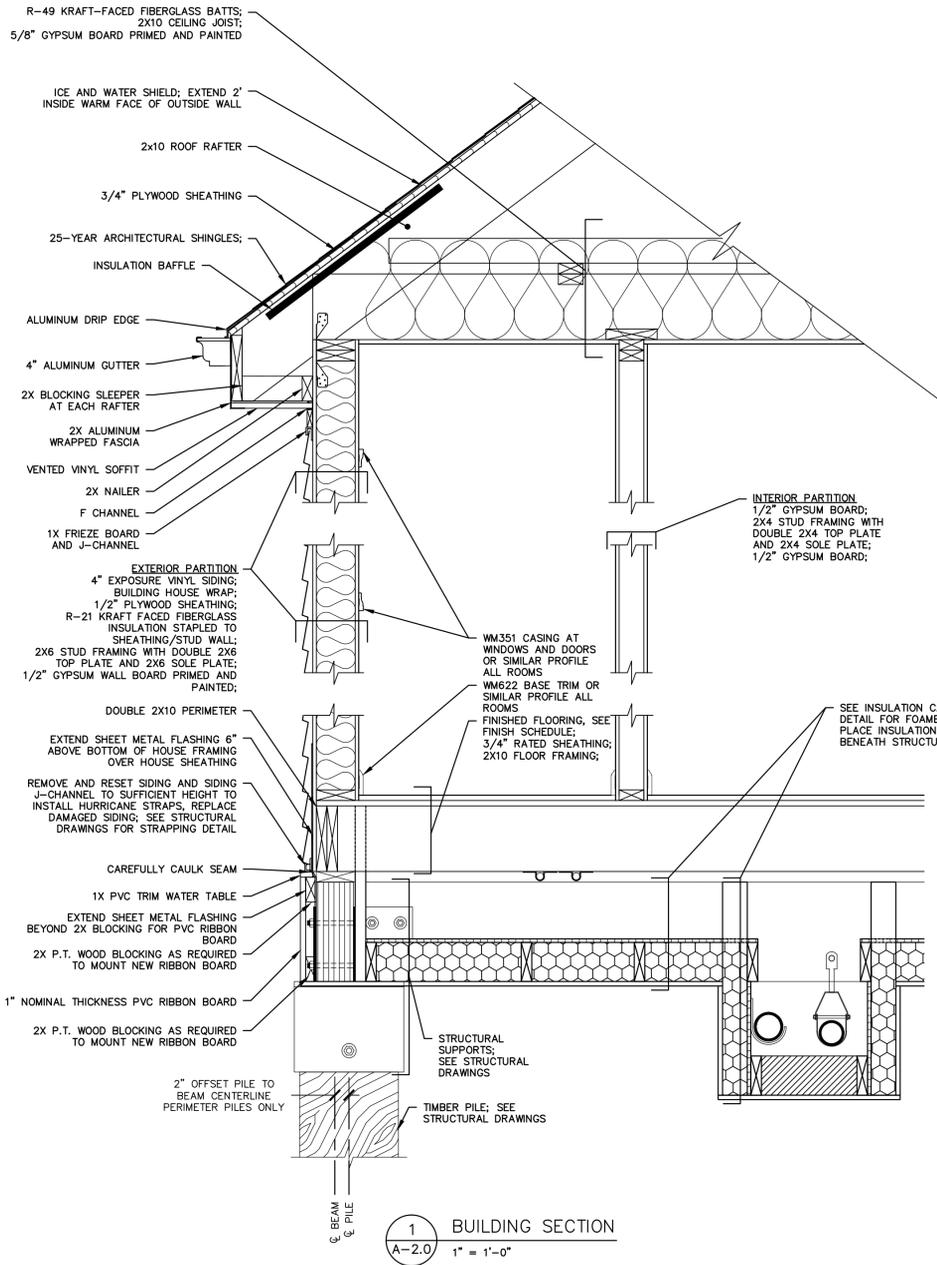
PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
3	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
2	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
DRAWN: CMP CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE: 01/27/2017					

**SHEAR WALL DETAILS
AND SECTIONS**

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-1.4



GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
8. ALL BUILDING UTILITIES SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OF 11.0' (NAVD 88)

WORK NOTES

- 1 FURNISH AND INSTALL ALL MATERIALS FOR CONSTRUCTION AND INSTALLATION OF NEW FOUNDATION FOR ELEVATED HOME; SEE STRUCTURAL DRAWINGS
- 2 FURNISH AND INSTALL ALL MATERIALS FOR CONSTRUCTION AND INSTALLATION OF NEW ELEVATED WOOD FRAMED STRUCTURE
- 3 FURNISH AND INSTALL ALL MATERIALS FOR NEW DECK AND STAIRS AT SOUTHERN AND WESTERN SIDES OF HOUSE
- 4 COORDINATE CONNECTION OF OVERHEAD ELECTRICAL SERVICE TO SERVICE MAST AT WESTERN SIDE OF HOUSE; COORDINATE INSTALLATION OF NEW ELECTRICAL METER WITH UTILITY PROVIDER IN APPROVED LOCATION ABOVE 100-YEAR FEMA BASE FLOOD ELEVATION
- 5 COORDINATE INSTALLATION OF NEW GAS METER WITH UTILITY PROVIDER; FURNISH AND INSTALL ALL MATERIALS FOR TWO BOLLARDS IN FRONT OF GAS METER AS SHOWN ON PLAN ON SHEET C-1.2. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE ADJACENT TO GAS METER.
- 6 EXTEND WATER, GAS, AND SANITARY SERVICES TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT ALL SERVICES PER CONTRACT SPECIFICATIONS
- 7 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 8 FURNISH AND INSTALL 12" THICK LAYER OF 3/4" MINUS PROCESS AGGREGATE BASE STONE BENEATH PROPOSED HOUSE. AREA FOR VEHICLE PARKING BENEATH HOUSE TO BE AT ELEVATION 3.7' AND TAPERED TO EXISTING GRADE OUTSIDE VEHICLE PARKING AREA
- 9 FURNISH AND INSTALL ALL MATERIALS FOR NEW RIBBON BOARD AROUND ENTIRE STRUCTURE. FURNISH AND INSTALL ALL MATERIALS TO INSULATE AND FINISH UNDERSIDE OF HOUSE.
- 10 FURNISH AND INSTALL ALL MATERIALS FOR ROOF DOWNSPOUTS EXTENDED TO GRADE; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS
- 11 COMPLETE REMAINING BUILDING WORK (BOTH INTERIOR AND EXTERIOR)
- 12 RESTORE EXTERIOR AREAS TO EXISTING CONDITIONS OR BETTER

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

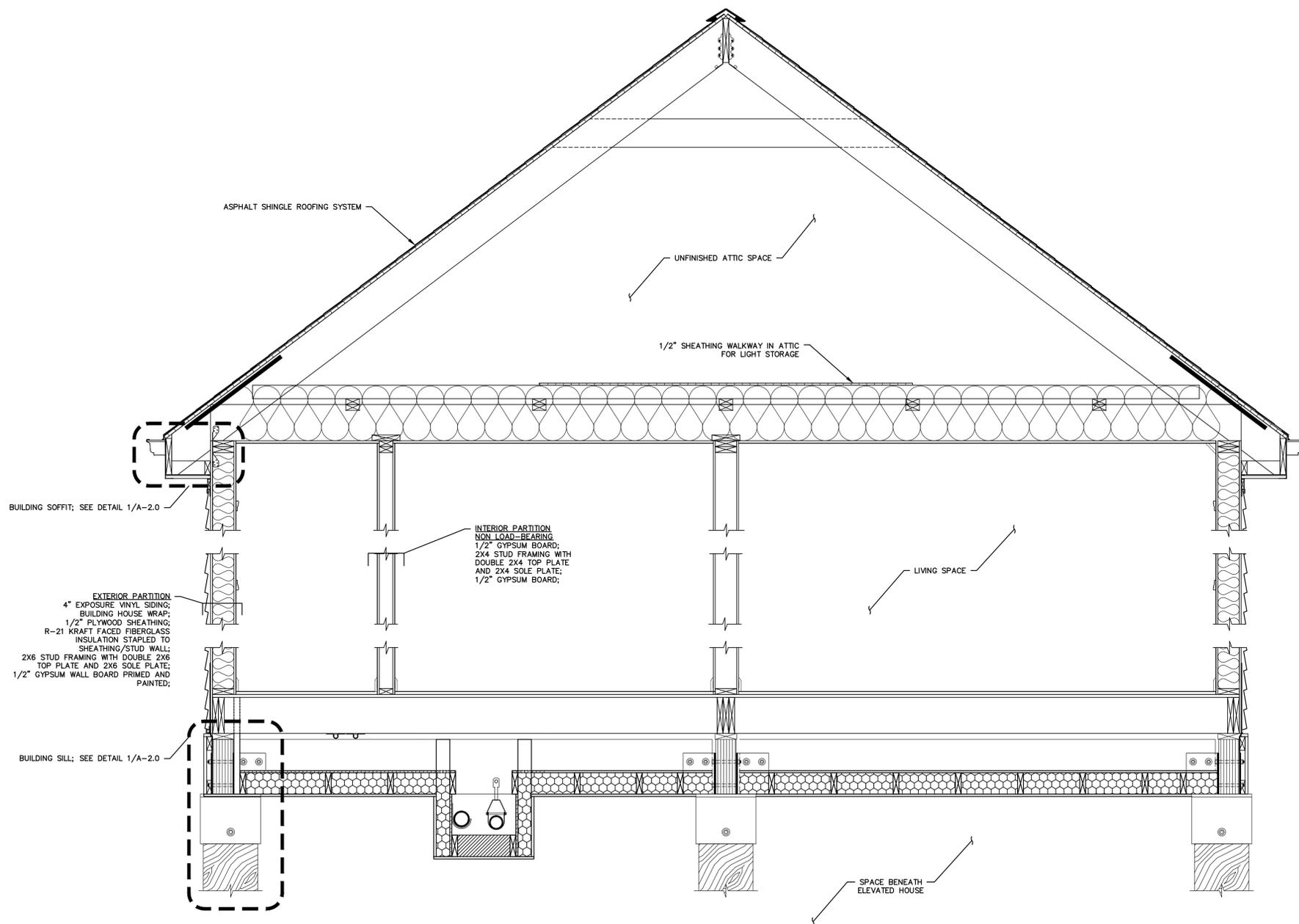
PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

ISSUED FOR BIDDING
NOT FOR CONSTRUCTION

5	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
4	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	MBR	MBR	REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 01/27/2017

BUILDING ELEVATIONS

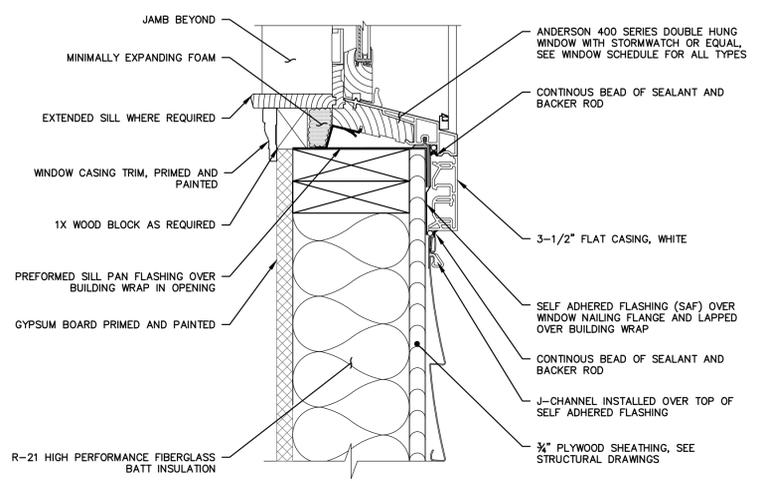
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-2.0



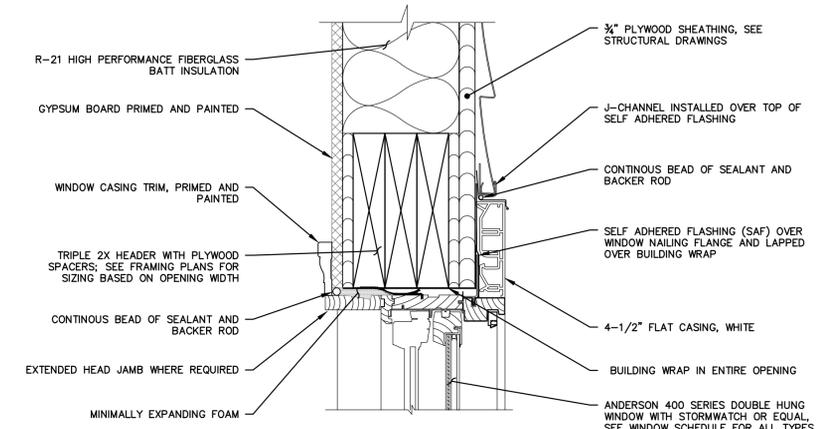
BUILDING SOFFIT; SEE DETAIL 1/A-2.0

EXTERIOR PARTITION
4" EXPOSURE VINYL SIDING;
BUILDING HOUSE WRAP;
1/2" PLYWOOD SHEATHING;
R-21 KRAFT FACED FIBERGLASS
INSULATION STAPLED TO
SHEATHING/STUD WALL;
2X6 STUD FRAMING WITH DOUBLE 2X6
TOP PLATE AND 2X6 SOLE PLATE;
1/2" GYPSUM WALL BOARD PRIMED AND
PAINTED;

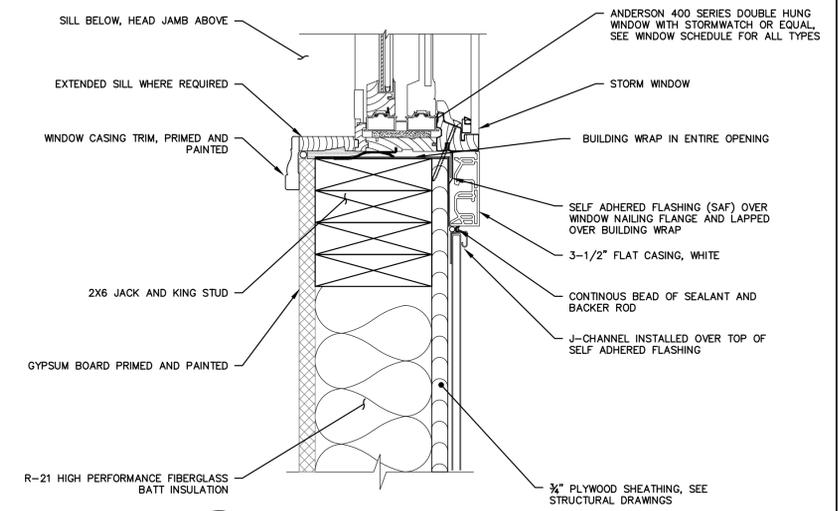
INTERIOR PARTITION
NON LOAD-BEARING
1/2" GYPSUM BOARD;
2X4 STUD FRAMING WITH
DOUBLE 2X4 TOP PLATE
AND 2X4 SOLE PLATE;
1/2" GYPSUM BOARD;



2 PROPOSED WINDOW SILL SECTION
A-2.1 3" = 1'-0"



3 PROPOSED WINDOW HEAD SECTION
A-2.1 3" = 1'-0"



4 PROPOSED WINDOW JAMB SECTION
A-2.1 3" = 1'-0"

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

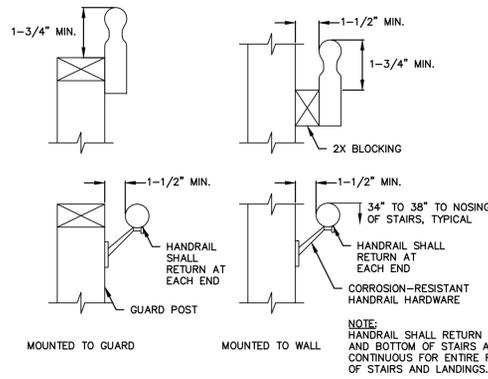
**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
3	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
2	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC

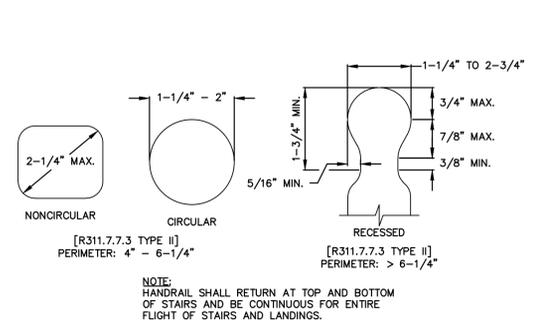
DRAWN: KNL CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE:

BUILDING SECTIONS

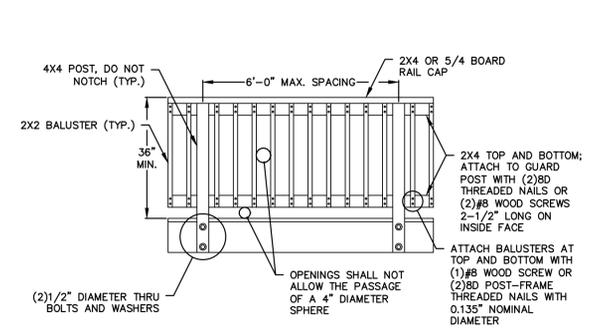
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-2.1



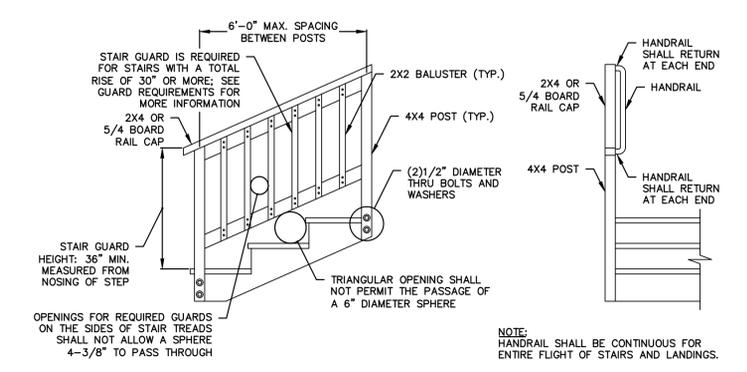
1 TYPICAL HANDRAIL MOUNTING
A-3.0 N.T.S.



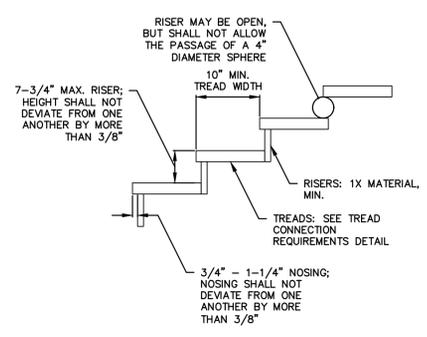
2 TYPICAL HANDRAIL GRIP SIZE
A-3.0 N.T.S.



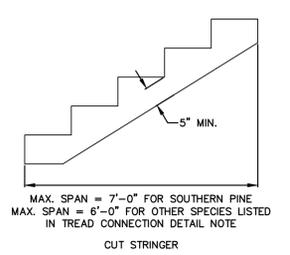
3 TYPICAL DECK RAILING GUARD
A-3.0 N.T.S.



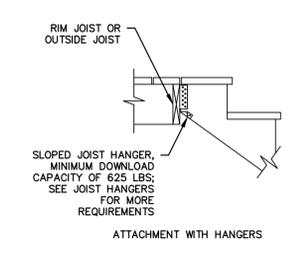
4 TYPICAL STAIR GUARD REQUIREMENTS
A-3.0 N.T.S.



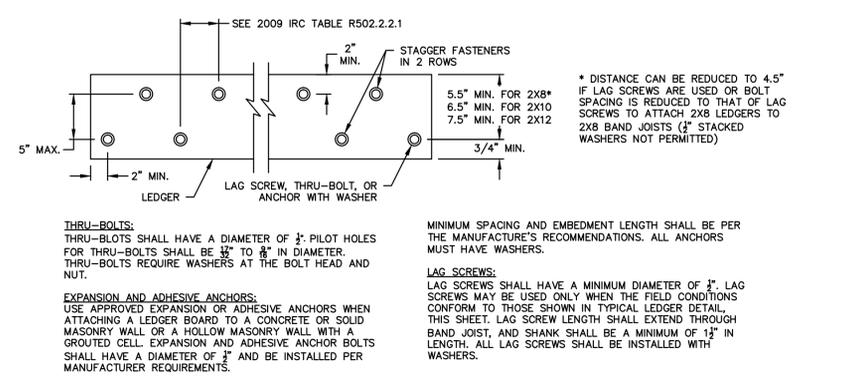
5 TYPICAL TREAD AND RISER
A-3.0 N.T.S.



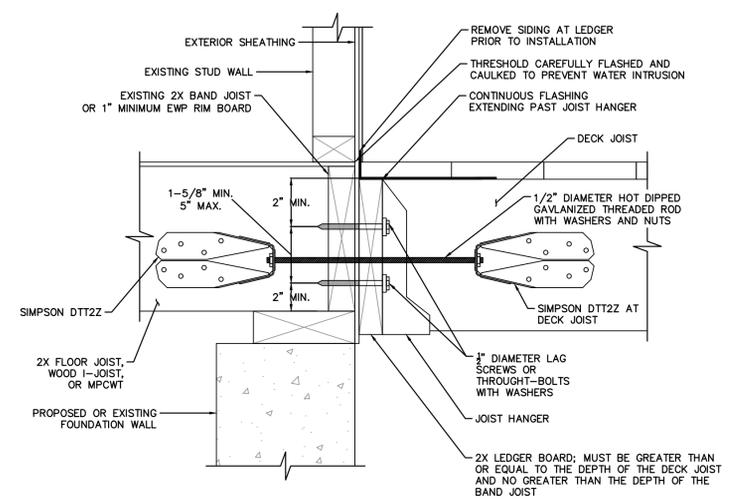
6 TYPICAL STAIR STRINGER REQUIREMENTS
A-3.0 N.T.S.



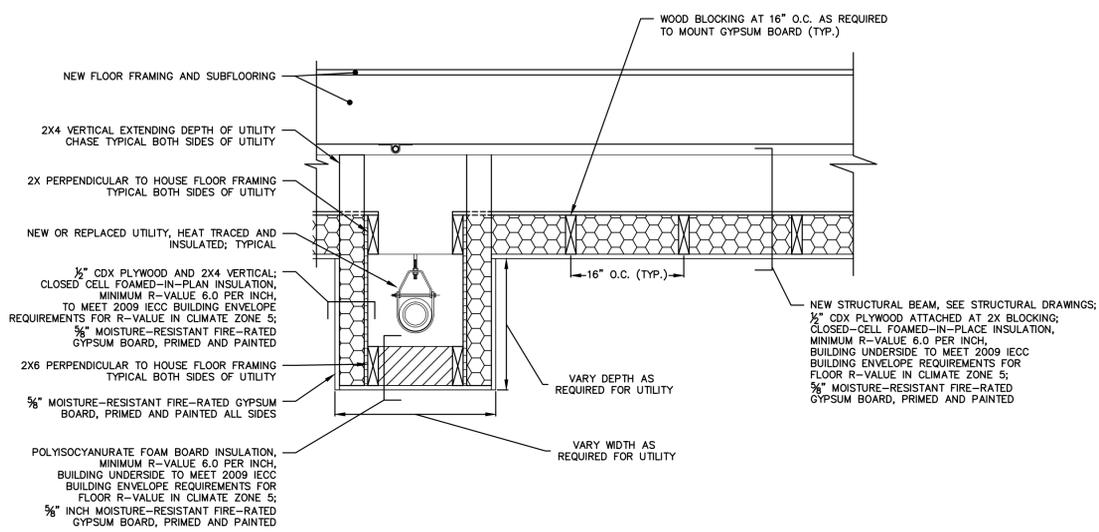
7 TYPICAL STAIR STRINGER ATTACHMENT
A-3.0 N.T.S.



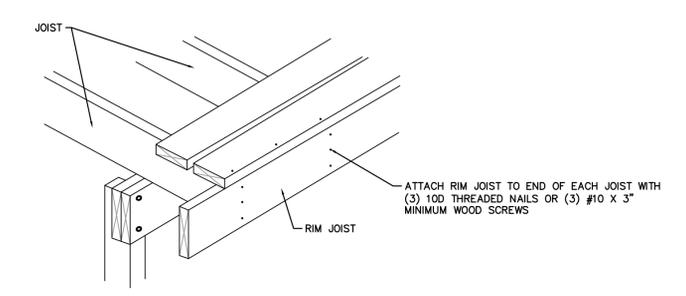
8 TYPICAL LEDGER BOARD FASTENER SPACING AND CLEARANCE
A-3.0 N.T.S.



9 TYPICAL GENERAL ATTACHMENT OF LEDGER
A-3.0 N.T.S.



10 TYPICAL FLOOR CAVITY INSULATION DETAIL
A-3.0 1/2\"/>



11 TYPICAL RIM JOIST CONNECTION
A-3.0 N.T.S.

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

5	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
4	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	MBR	MBR	REC
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 01/27/2017

ARCHITECTURAL DETAILS

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-3.0

DOOR SCHEDULE											
DOOR NUMBER	ROOM NUMBER	DOOR						FRAME		HARDWARE SET***	REMARKS
		WIDTH	HEIGHT	THICKNESS	TYPE**	MATERIAL	FINISH	MATERIAL	FINISH		
D101	101	3'-0"	6'-8"	1-3/4"	A/C	FLGS	STD	WD	STD	2	
D102	102	3'-0"	6'-8"	1-3/4"	B/C	FLGS	STD	WD	STD	2	
D104-1	104	2'-0"	6'-8"	1-3/4"	E	WD	STD	WD	PTD	5	
D104-2	104	2'-0"	6'-8"	1-3/4"	E	WD	STD	WD	PTD	5	
D104-3	104	1'-6"	2'-0"	N/A	F	AL	STD	AL	STD	N/A	
D-104-4	104	1'-6"	6'-8"	1-3/4"	G	WD	STD	WD	PTD	5	
D105	105	2'-4"	6'-8"	1-3/4"	D	WD	STD	WD	STD	3	
D106	106	2'-6"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	3	
D106-1	106	2'-0"	6'-8"	1-3/4"	E	WD	STD	WD	PTD	5	
D106-2	106	2'-0"	6'-8"	1-3/4"	E	WD	STD	WD	PTD	5	
D107	107	2'-6"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	3	
D107-1	107	2'-0"	6'-8"	1-3/4"	E	WD	STD	WD	PTD	5	
D107-2	107	2'-0"	6'-8"	1-3/8"	E	WD	STD	WD	PTD	5	

ABBREVIATIONS:
 AL - ALUMINUM STL - STEEL
 FLGS - FIBERGLASS WD - WOOD
 PTD - PAINTED
 STD - STANDARD

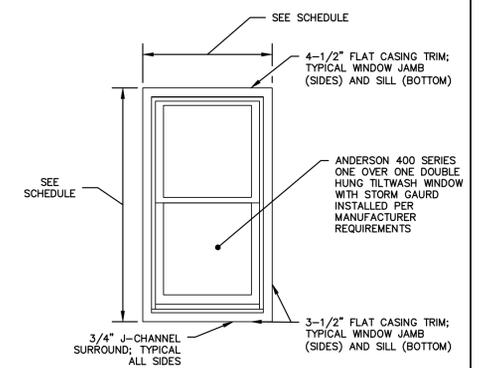
* CONTRACTOR TO VERIFY DOOR WIDTHS AND HEIGHTS IN FIELD AND MODIFY TO SUIT WITHOUT ADDITIONAL FEES.
 ** SEE DOOR TYPES TABLE, BELOW.
 *** SEE HARDWARE SETS TABLE, BELOW. ALL DOORS TO BE KEYPED ALIKE.
 1. INTERIOR DOOR CASING TO BE WM351 PROFILE OR SIMILAR

WINDOW SCHEDULE									
WINDOW NUMBER	ROOM NUMBER	WINDOW SIZES		TYPE**	WINDOW EXTERIOR		WINDOW INTERIOR		REMARKS
		WIDTH	HEIGHT		MATERIAL	COLOR	MATERIAL	COLOR	
W101	101	35-5/8"	64-7/8"	A	VNL	WHITE	AL	WHITE	
W102	102	35-5/8"	64-7/8"	A	VNL	WHITE	WD	WHITE	EGRESS WINDOW
W103	103	35-5/8"	40-7/8"	A	VNL	WHITE	WD	WHITE	
W105	104	35-5/8"	44-7/8"	A	VNL	WHITE	WD	WHITE	
W106	106	35-5/8"	64-7/8"	A	VNL	WHITE	WD	WHITE	EGRESS WINDOW
W107	107	35-5/8"	64-7/8"	A	VNL	WHITE	WD	WHITE	EGRESS WINDOW

ABBREVIATIONS:
 WD - WOOD
 AL - ALUMINUM
 VNL - VINYL

NOTES:
 1. WINDOW U RATING TO BE MINIMUM .32
 2. WINDOW DESIGN PRESSURE RATING MINIMUM 50
 3. BASIS OF DESIGN ANDERSON 400 SERIES WOOD INTERIOR WITH VINYL CLAD EXTERIOR.
 4. INTERIOR WINDOW TRIM PROFILE WM 351 OR SIMILAR
 ** SEE WINDOW TYPES TABLE

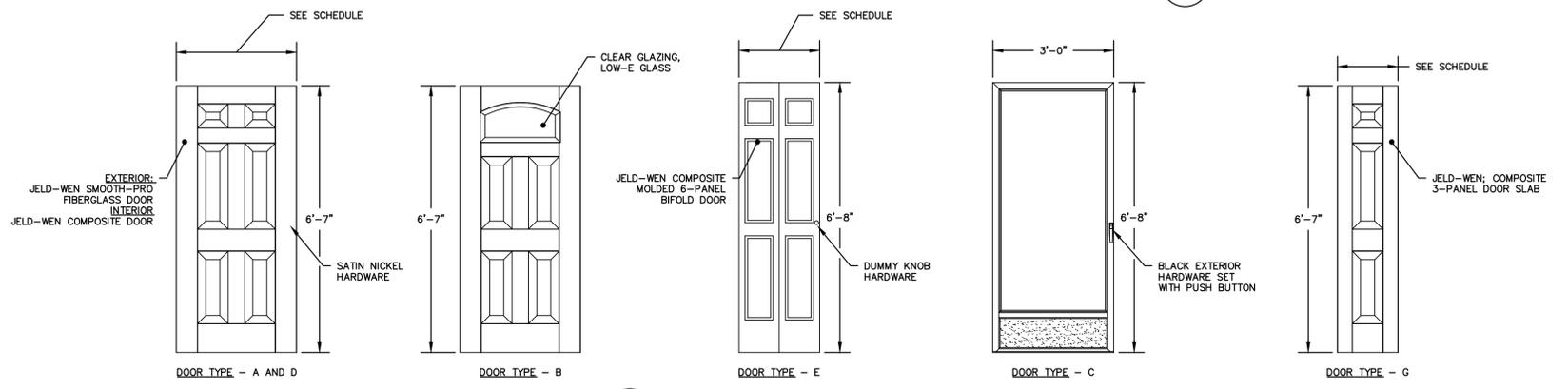
WINDOW TYPES	
A	ANDERSON 400 SERIES DOUBLE HUNG TILT/WASH WINDOWS WITH STORM WATCH
B	HARVEY TRU-CHANNEL STORM WINDOW WITH LOW-E GLAZING



1 WINDOW A - EXTERIOR ELEVATION
 A-5.0 N.T.S.

DOOR TYPES	
A	JELD-WEN; SMOOTH-STAR PREHUNG FLGS DOOR WITH ALUMINUM SILL
B	JELD-WEN; SMOOTH-STAR PREHUNG FGLS DOOR WITH ALUMINUM SILL
C	HARVEY; TRADITIONAL STORM DOOR HI-LITE STYLE
D	JELD-WEN; COLONIAL PREHUNG 6-PANEL MOLDED COMPOSITE INTERIOR DOOR
E	JELD-WEN; 6-PANEL MOLDED COMPOSITE BI-FOLD CLOSET DOOR
F	WERNER; AA1510 COMPACT ALUMINUM ATTIC LADDER
G	JELD-WEN; 3 PANEL MOLDED COMPOSITE INTERIOR DOOR SLAB

HARDWARE SETS	FINISH	REMARK	MANUFACTURER
1	SATIN NICKEL	KEYED ENTRY DOOR KNOB AND DEADBOLT SET	SCHLAGE, B60N 619, F51 GEO 619
2	SATIN NICKEL	KEYED ENTRY DOOR KNOB	SCHLAGE, F51 GEO 619
3	SATIN NICKEL	DOOR KNOB PRIVACY	SCHLAGE, F40 GEO 629
4	SATIN NICKEL	DOOR LEVER, PASSAGE	SCHLAGE, F10 ACC 619
5	SATIN NICKEL	DUMMY KNOB	SCHLAGE, F170 ORB 619



2 DOOR ELEVATIONS
 A-5.0 N.T.S.

FINISH SCHEDULE															
ROOM NAME	ROOM ID	FLOOR			BASE				WALL			CEILING			REMARKS
		SUBSTRATE	FINISH	COLOR	MATERIAL	PROFILE	FINISH	COLOR	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	
DINING ROOM	101	PLY	VP	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
LIVING ROOM	102	PLY	CPT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
KITCHEN	103	PLY	VP	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
BATHROOM	105	PLY	VP	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
BEDROOM	106	PLY	CPT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
BEDROOM	107	PLY	CPT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
HALL	104	PLY	VP	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	

ABBREVIATIONS:
 WD - WOOD CER - CERAMIC TILE GWB - GYPSUM WALLBOARD
 PLY - PLYWOOD VCT - VINYL COMPOSITION TILE PTD - PAINTED
 HDWD - HARDWOOD VP - VINYL PLANK OS - OWNER-SELECTED
 PFHDWD - PREFINISHED HARDWOOD CPT - CARPET RIK - REPLACE IN KIND
 CMB - CEMENT BOARD PBT - PINE BOARD TRIM N/A - NOT APPLICABLE

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
 Rocky Hill, CT 06067
 Telephone: (860) 436-4364
 Fax: (860) 436-4626
 www.martinezcouch.com

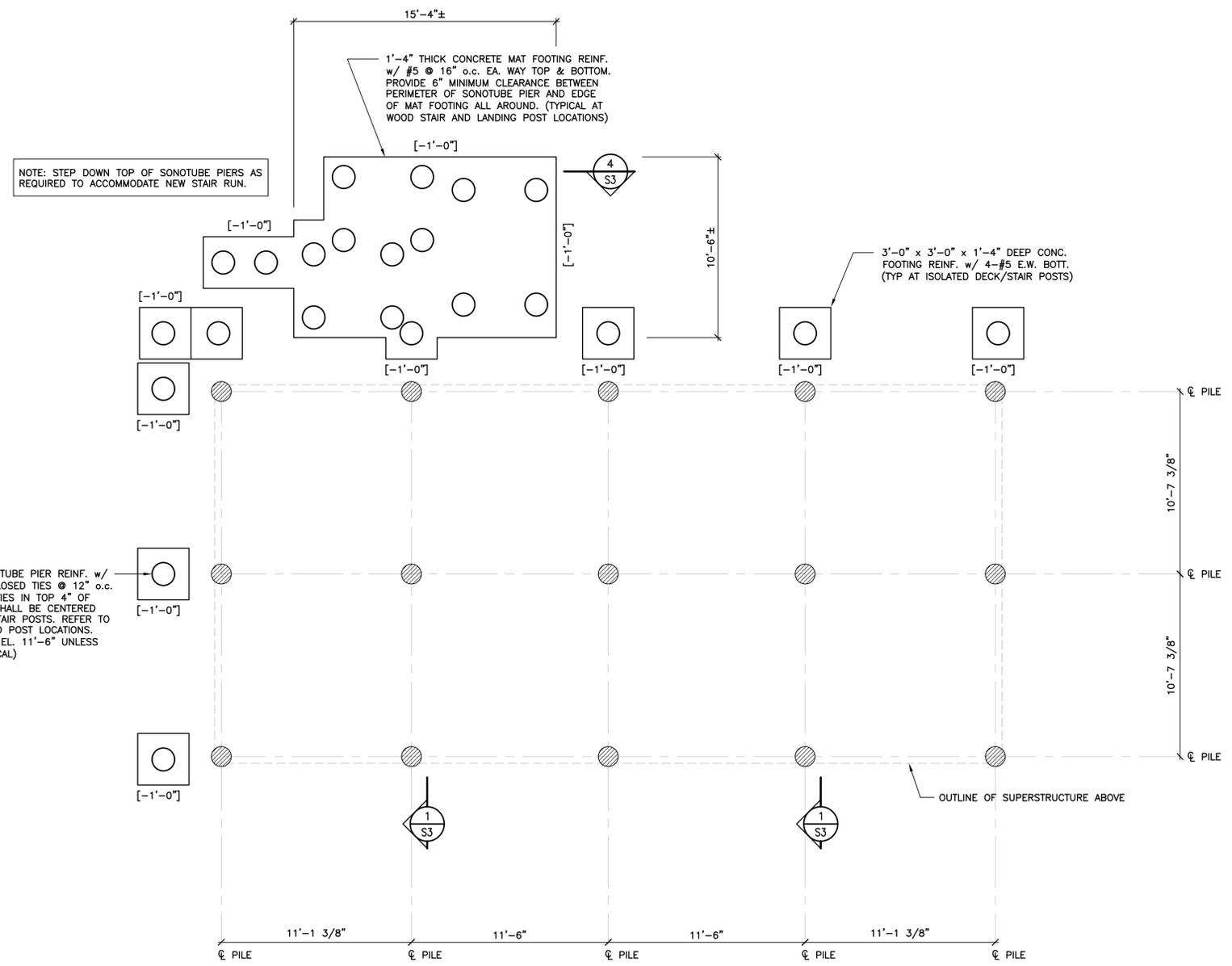
PROJECT 5057
 33 BLAIR STREET
 MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
 NOT FOR CONSTRUCTION**

5	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
4	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	MBR	MBR	REC
1	2/27/2017	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN:	KNL/AM	CHECKED:	MBR	APPROVED:	REC
SCALE:	N.T.S.	DATE:	01/27/2017		

DETAILS AND SCHEDULES

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	A-5.0



NOTE: STEP DOWN TOP OF SONOTUBE PIERS AS REQUIRED TO ACCOMMODATE NEW STAIR RUN.

1'-4" THICK CONCRETE MAT FOOTING REINF. w/ #5 @ 16" o.c. EA. WAY TOP & BOTTOM. PROVIDE 6" MINIMUM CLEARANCE BETWEEN PERIMETER OF SONOTUBE PIER AND EDGE OF MAT FOOTING ALL AROUND. (TYPICAL AT WOOD STAIR AND LANDING POST LOCATIONS)

3'-0" x 3'-0" x 1'-4" DEEP CONC. FOOTING REINF. w/ 4-#5 E.W. BOTT. (TYP AT ISOLATED DECK/STAIR POSTS)

16" Ø CONC. FILLED SONOTUBE PIER REINF. w/ 4-#4 DOWELS w/ #3 CLOSED TIES @ 12" o.c. PROVIDE 3-#3 SEISMIC TIES IN TOP 4" OF PIER. SONOTUBE PIERS SHALL BE CENTERED BELOW WOOD DECK & STAIR POSTS. REFER TO FRAMING PLAN FOR WOOD POST LOCATIONS. TOP OF SONOTUBE PIER EL. 11'-6" UNLESS OTHERWISE NOTED. (TYPICAL)

PILE LAYOUT & FOUNDATION PLAN

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



LEGEND:

- [.....] EL. BOTTOM OF CONC. FOOTING
- DENOTES 20 TON (40 KIP) CAPACITY ROUND TIMBER PILE w/ 14" Ø BUTT & 9" Ø TIP. FIELD VERIFY TIMBER PILE LOCATIONS.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

THOMAS A. TORRENTI, P.C.
Consulting Engineers

316 Dogburn Lane Tel (203) 891-9933
P.O. Box 1153 Fax (203) 891-8299
Orange, CT 06477-7153 torrenti@optonline.net

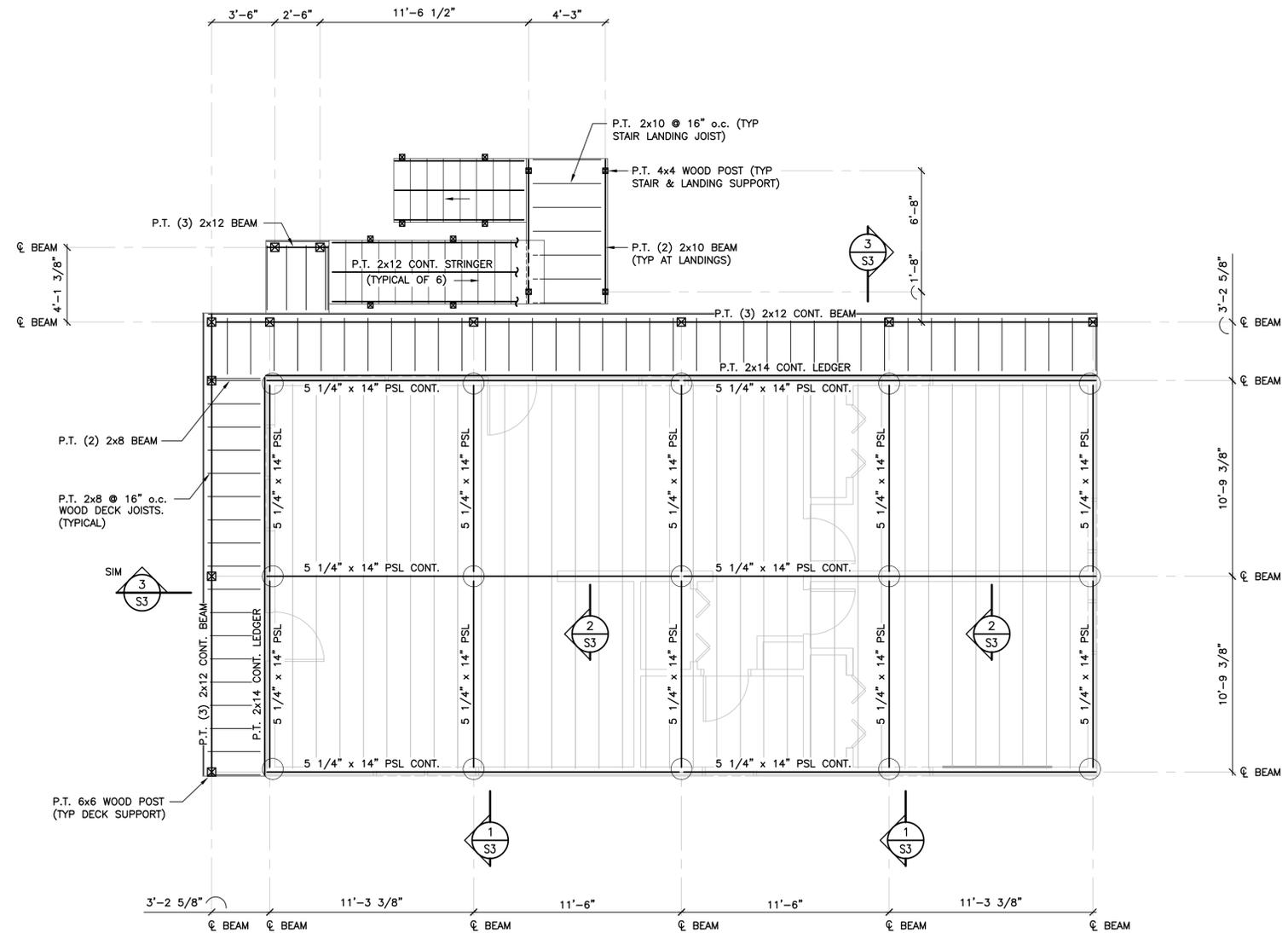
NO.	DATE	REVISIONS	BY	CHK	APPV
4	11/07/2017	ISSUED FOR RE-BID	DEB	TAT	TAT
4	8/24/2017	ISSUED FOR BID	DEB	TAT	TAT
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	DEB	TAT	TAT
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	DEB	TAT	TAT
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	DEB	TAT	TAT
DRAWN BY: DEB			CHECKED BY: TAT		SCALE: AS NOTED
			DATE: 01/27/2017		THOMAS A. TORRENTI, P.E.

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND SEAL

FOUNDATION DESIGN

PILE LAYOUT & FOUNDATION PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	21686 S1-S3.dwg	S1



FIRST FLOOR FRAMING SUPPORT PLAN

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



NOTES:

1. FINISH FLOOR EL. 17'-0"±.
2. SETTING AND ANCHORAGE OF THE SUPERSTRUCTURE TO NEW TIMBER PILE FOUNDATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. CONDITIONS SHOWN ARE BASED SOLELY ON AVAILABLE INFORMATION AND HAVE NOT BEEN INDEPENDENTLY VERIFIED TO BE COMPLETELY ACCURATE.
4. REFER TO DRAWING S3 FOR ADDITIONAL CONSTRUCTION ITEMS & REQUIREMENTS NOT SHOWN FOR CLARITY ON FRAMING PLAN THIS DWG.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

THOMAS A. TORRENTI, P.C.
Consulting Engineers

316 Dogburn Lane Tel (203) 891-9933
P.O. Box 1153 Fax (203) 891-8299
Orange, CT 06477-7153 torrenti@optonline.net

NO.	DATE	REVISIONS	BY	CHK	APPV
4	11/07/2017	ISSUED FOR RE-BID	DEB	TAT	TAT
4	8/24/2017	ISSUED FOR BID	DEB	TAT	TAT
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	DEB	TAT	TAT
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	DEB	TAT	TAT
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	DEB	TAT	TAT
DRAWN BY: DEB			CHECKED BY: TAT		SCALE: AS NOTED
			DATE: 01/27/2017		THOMAS A. TORRENTI, P.E.

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND SEAL

FOUNDATION DESIGN

FIRST FLOOR FRAMING SUPPORT PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	21686 S1-S3.dwg	S2

DESIGN BASIS

GOVERNING CODE2012 INTERNATIONAL RESIDENTIAL CODE + 2016 CONNECTICUT AMENDMENT

GENERAL NOTES:

SHOP DRAWINGS ARE TO BE CHECKED BY THE CONTRACTOR AND BEAR THE CHECKER'S INITIALS BEFORE BEING SUBMITTED TO THE ENGINEER.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES, AND EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE, AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, ETC. THAT MAY BE REQUIRED.

WORK THESE DRAWINGS WITH THOSE OF OTHER TRADES FOR LOCATIONS OF OPENINGS, RECESSES, BUILT-IN WORK, ETC.

FOUNDATION NOTES

REFER TO GEOTECHNICAL REPORT PREPARED BY DR. CLARENCE WELTI, P.E., P.C., DATED AUGUST 29, 2014 FOR SUBSURFACE PREPARATION & RELATED REQUIREMENTS.

THE WOOD FRAMED SUPERSTRUCTURE SHALL BE LIFTED AND SUPPORTED BY A NEW PRESSURE TREATED CLASS A ROUND TIMBER PILE FOUNDATION SYSTEM MANUFACTURED IN ACCORDANCE WITH ASTM D25.

TIMBER PILES

ALL ROUND TIMBER PILES SHALL DEVELOP A MINIMUM ALLOWABLE LOAD CARRYING CAPACITY OF 20 TONS (40 KIPS) UNLESS OTHERWISE NOTED.

THE PROPOSED TIMBER PILES SHALL BE TAPERED WITH A MINIMUM BUTT DIAMETER OF 14" AND TIP DIAMETER OF 9" AND BE INSTALLED TO A DEPTH TO MEET THE LOADING REQUIREMENTS LISTED ABOVE.

DESIGN, INSTALLATION AND TESTING REQUIREMENTS OF THE NEW TIMBER PILE FOUNDATION SYSTEM SHALL BE PROVIDED BY A GEOTECHNICAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.

CONCRETE

MATERIALS:

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS. CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN.

ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, MUST FOLLOW THE LATEST ACI CODE AND LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".

ALL REINFORCING STEEL SHALL BE EPOXY COATED IN ACCORDANCE WITH ASTM A775.

NO CALCIUM CHLORIDE OR ADMIXTURES CONTAINING MORE THAN 1% CHLORIDE BY WEIGHT OF ADMIXTURE SHALL BE USED IN THE CONCRETE.

PROVIDE 5% TO 7% AIR ENTRAINMENT IN ALL CONCRETE.

UNLESS OTHERWISE NOTED, ALL LAP SPLICES SHALL BE CLASS B.

STRUCTURAL STEEL

ANGLES, MISCELLANEOUS PLATES AND BARS.....ASTM A36
BOLTS.....ASTM A325
WELDING ELECTRODE.....ASTM E 70

ALL STRUCTURAL STEEL AND CONNECTION HARDWARE SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.

ALL WELDING SHALL BE DONE BY A CERTIFIED WELDER IN ACCORDANCE WITH A.W.S. STANDARDS.

ALL STRUCTURAL STEEL, FROM DELIVERY TO THE JOB SITE TO AFTER ERECTION SHALL CONFORM TO ALL REQUIREMENTS OF ASTM A6.

STRUCTURAL LUMBER

STRUCTURAL LUMBER USED FOR BRIDGING, BLOCKING AND OTHER MISCELLANEOUS FRAMING SHALL BE NOT LESS THAN NO. 2 GRADE DOUGLAS FIR AND SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:

EXTREME FIBER IN BENDING..... $F_b = 875$ PSI
HORIZONTAL SHEAR..... $F_v = 95$ PSI
TENSION PARALLEL TO GRAIN..... $F_t = 825$ PSI
COMPRESSION PERPENDICULAR TO GRAIN..... $F_c = 385$ PSI
COMPRESSION PARALLEL TO GRAIN..... $F_c = 1,050$ PSI
MODULUS OF ELASTICITY..... $E = 1,700,000$ PSI

MOISTURE CONTENT OF ALL FRAMING LUMBER WHEN DELIVERED TO THE PROJECT SITE SHALL NOT EXCEED 19%.

NAILING AND OTHER FASTENING SHALL BE AS PER TABLE 2304.9.1, FASTENING SCHEDULE, OF THE 2005 STATE OF CONNECTICUT BUILDING CODE.

PLYWOOD WALL SHEATHING SHALL BE NOMINAL 5/8" THICK SQUARE EDGE EXTERIOR GRADE CDX AND CONTAIN (4) INNER PLYS.

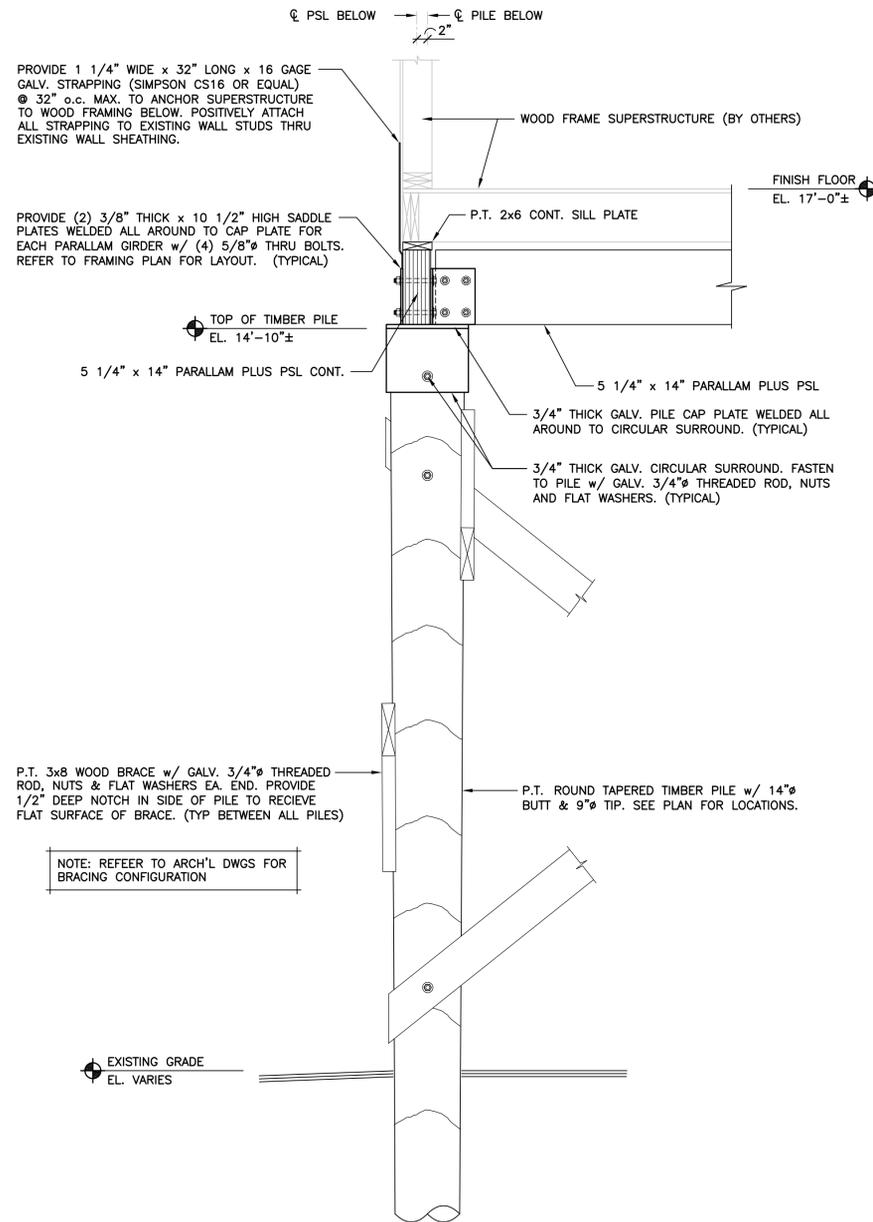
PLYWOOD ROOF SHEATHING SHALL BE NOMINAL 3/4" THICK SQUARE EDGE EXTERIOR GRADE.

ENGINEERED WOOD PRODUCTS

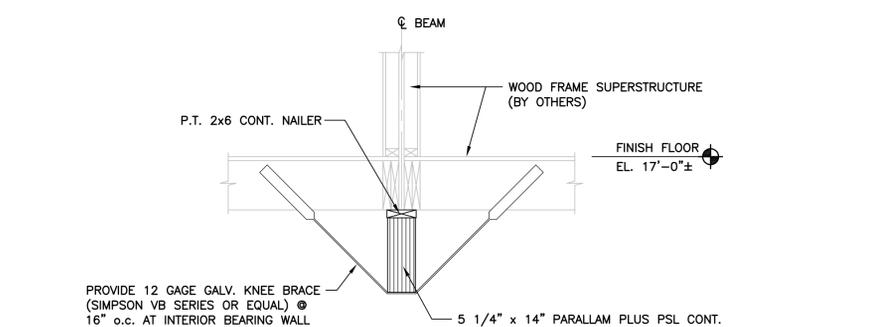
ELEMENTS, FOLLOWING ERECTION, JOISTS SHALL BE SHEATHED AND PROTECTED TO MAINTAIN STRESS-GRADED MOISTURE CONTENT NOT TO EXCEED 19%.

PARALLAM PLUS PSL WOLMANIZED MEMBERS USED FOR BEAMS AND HEADERS SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:

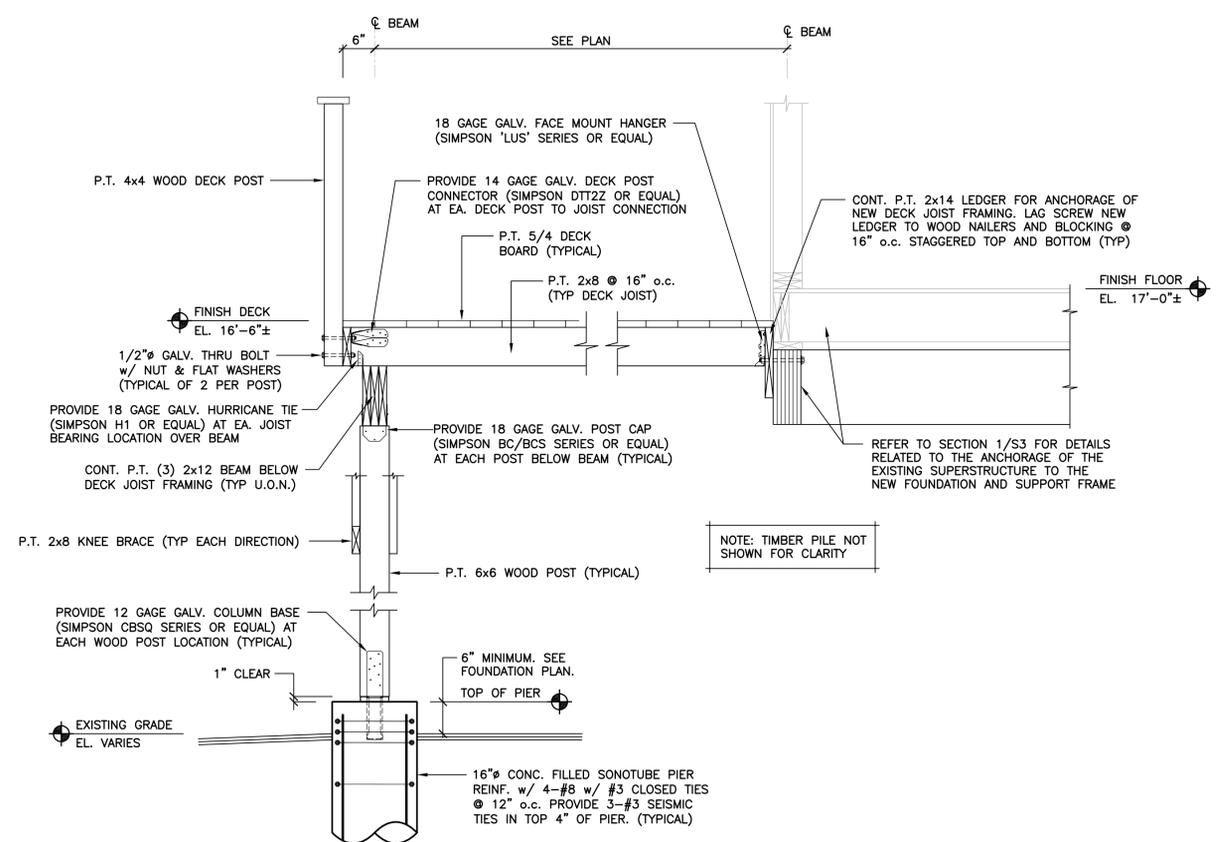
EXTREME FIBER IN BENDING..... $F_b = 1,827$ PSI
HORIZONTAL SHEAR..... $F_v = 197$ PSI
TENSION PARALLEL TO GRAIN..... $F_t = 1,397$ PSI
COMPRESSION PERPENDICULAR TO GRAIN..... $F_c = 368$ PSI
COMPRESSION PARALLEL TO GRAIN..... $F_c = 1,508$ PSI
MODULUS OF ELASTICITY..... $E = 1,460,000$ PSI



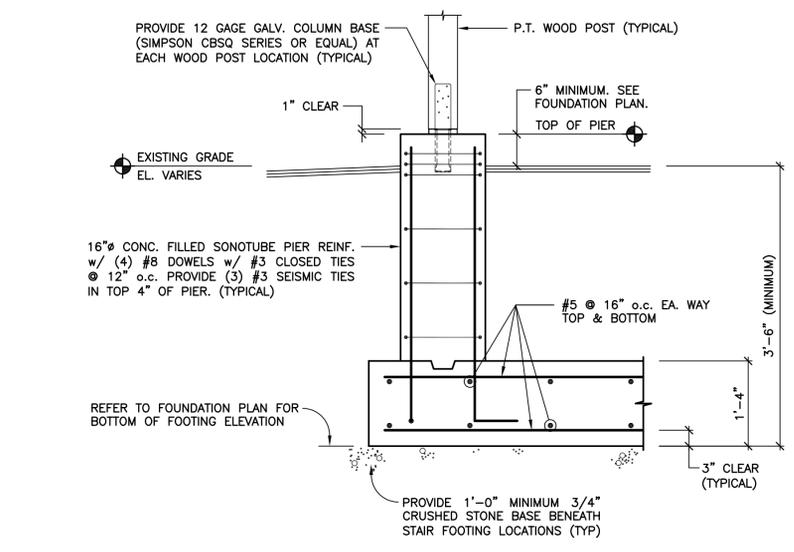
SECTION 1
SCALE: 3/4" = 1'-0"



SECTION 2
SCALE: 3/4" = 1'-0"



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



SECTION 4
NO SCALE
(TYPICAL STAIR/LANDING FOUNDATION)

MCA
MARTINEZ COUCH & ASSOCIATES
ENGINEERING • LAND SURVEYING • ENVIRONMENTAL
CONSTRUCTION INSPECTION • ASBESTOS WASTEWATER

1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

THOMAS A. TORRENTI, P.C.
Consulting Engineers

316 Dogburn Lane Tel (203) 891-9933
P.O. Box 1153 Fax (203) 891-8299
Orange, CT 06477-7153 ttorrenti@optonline.net

4	11/07/2017	ISSUED FOR RE-BID	DEB	TAT	TAT
4	8/24/2017	ISSUED FOR BID	DEB	TAT	TAT
3	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	DEB	TAT	TAT
2	3/28/2017	ISSUED FOR PLANNING AND ZONING PERMIT	DEB	TAT	TAT
1	2/22/2017	ISSUED FOR CITY OF MILFORD REVIEW	DEB	TAT	TAT
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN BY: DEB		CHECKED BY: TAT	SCALE: AS NOTED	DATE: 01/27/2017	THOMAS A. TORRENTI, P.E.

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND SEAL

FOUNDATION DESIGN

STRUCTURAL NOTES & SECTIONS

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	21686 S1-S3.dwg	S3

GENERAL NOTES

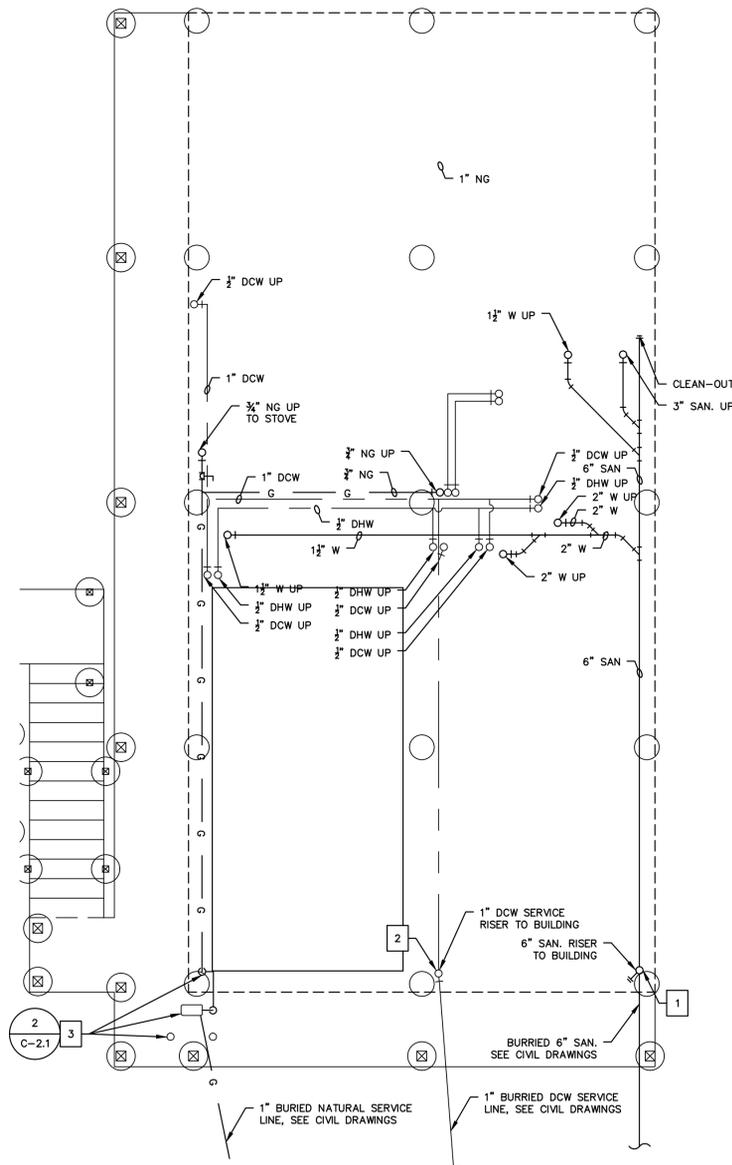
1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

MECHANICAL/PLUMBING NOTES

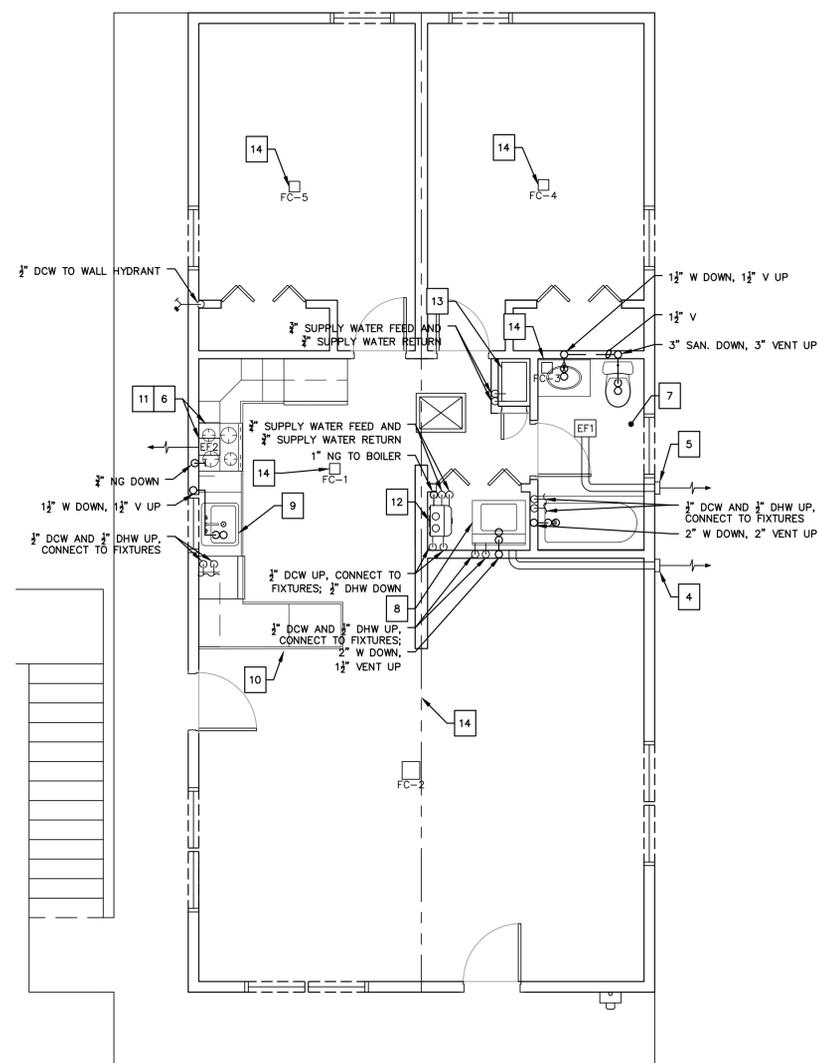
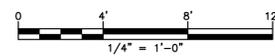
1. MECHANICAL AND PLUMBING PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING MECHANICAL/PLUMBING SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INCLUDE ALL NECESSARY PIPING FITTINGS AND FIXTURES TO COMPLETE THE DESIGN INTENT UNDER THE BASE BID IN ACCORDANCE WITH CURRENT CODES AND REQUIREMENTS OR AS SPECIFIED WHICHEVER IS MORE STRINGENT.
3. INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
4. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2016 STATE OF CONNECTICUT BUILDING CODE AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
5. MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
6. ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
7. METAL DUCTING SHALL BE FABRICATED AND INSTALLED PER SMACNA STANDARDS WITH GALVANIZED METALS, 26 GAUGE MINIMUM. MECHANICAL CONTRACTOR SHALL MAKE REQUIRED DUCT MODIFICATIONS TO ACCOMMODATE FIELD CONDITIONS.
8. RIGID ROUND OR RECTANGULAR DUCTING SHALL BE INSULATED WITH FIBERGLASS BLANKET INSULATION WITH FSK JACKET. JOINTS TO BE SEALED WITH 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
9. FLEXIBLE DUCTING SHALL BE FACTORY INSULATED WITH METAL VAPOR BARRIER; CONNECTIONS TO BE SECURED WITH MANUFACTURER APPROVED BANDING AND 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
10. GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE FITTINGS.
11. PIPING SHALL BE SUPPORTED AND FASTENED WITH APPROPRIATE HANGERS, TIES, OR STRAPS; PIPING SHALL BE INSTALLED FREE OF SAGS AND DROOPS.
12. FURNISH AND INSTALL ALL PLUMBING FIXTURES WITH ACCESSIBLE STOPS AND THERMOSTATIC MIXING VALVES AT ALL SHOWER FAUCETS.
13. ALL CLEANOUTS SHALL BE FULL SIZE OF PIPE UNLESS OTHERWISE NOTED.
14. MAKE PROPER HOT AND COLD WATER, RADIANT HEATING SUPPLY AND RETURN, WASTE VENT, DRAIN, GAS, AND OTHER PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT.
15. EQUIPMENT SHALL BE INSTALLED TO FACILITATE SERVICING AND COMPLY WITH MANUFACTURER WRITTEN INSTRUCTIONS.
16. CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE OPERATION AND MAINTENANCE DOCUMENTS AND TRAIN OWNER ON OPERATION OF SYSTEM.

MECHANICAL/PLUMBING KEYNOTES

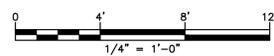
- 1 6" SANITARY DRAIN PIPING WITH CLEANOUT 24" ABOVE FINISHED GRADE; CONNECT TO EXISTING LATERAL. EXACT LOCATION OF EXISTING SANITARY LATERAL UNKNOWN CONTRACTOR TO VERIFY LOCATION IN FIELD.
- 2 1" DOMESTIC WATER PIPING SUPPORTED ON TIMBER PILE IN ENCLOSURE; CONNECT TO EXISTING DOMESTIC WATER SERVICE LATERAL. EXACT LOCATION OF EXISTING DOMESTIC WATER SERVICE LATERAL UNKNOWN CONTRACTOR TO VERIFY LOCATION IN FIELD.
- 3 1" NATURAL GAS PIPING SUPPORTED ON TIMBER PILE IN ENCLOSURE; CONNECT TO EXISTING NATURAL GAS SERVICE LATERAL. EXACT LOCATION OF EXISTING NATURAL GAS SERVICE LATERAL UNKNOWN CONTRACTOR TO VERIFY LOCATION IN FIELD.
- 4 FURNISH AND INSTALL ALL MATERIALS TO ROUTE 4" FLEXIBLE DRYER DUCT TO 4" DRYER WALL VENT IN SIDE WALL; CONNECT TO DRYERBOX IN MEP/LAUNDRY ROOM. ALL PRODUCTS BY IN-C-VA-TE TECHNOLOGIES, LLC OR APPROVED EQUAL. FLASH AND SEAL EXTERIOR PENETRATION.
- 5 FURNISH AND INSTALL ALL MATERIALS TO ROUTE CONNECTION FOR BATHROOM EXHAUST FANS UP THROUGH TO ATTIC TO EXTERIOR WALL IN APPROVED LOCATION. FLASH AND SEAL EXTERIOR PENETRATIONS.
- 6 FURNISH AND INSTALL ALL MATERIALS TO ROUTE CONNECTION FOR KITCHEN VENT HOOD TO EXTERIOR. FURNISH AND INSTALL BROAN VENT CAP 629 OR EQUAL, FLASH AND SEAL EXTERIOR PENETRATIONS.
- 7 FURNISH AND INSTALL ALL MATERIALS FOR CONNECTION OF BATHROOM FAUCETS, WATER CLOSETS, AND TUB FAUCET SUPPLY AND DRAIN PIPING.
- 8 FURNISH AND INSTALL ALL MATERIALS FOR CONNECTION OF CLOTHES WASHER AND DRYER.
- 9 FURNISH AND INSTALL ALL MATERIALS FOR CONNECTION OF KITCHEN FAUCET SUPPLY AND DRAIN PIPING. PROVIDE FOR CONNECTION OF DISPOSAL TO BE SUPPLIED BY OWNER. CONTRACTOR TO INSTALL.
- 10 FURNISH AND INSTALL FOR CONNECTION OF DISHWASHER SUPPLY AND DRAIN PIPING; DISHWASHER TO BE PROVIDED BY OWNER, CONTRACTOR TO INSTALL.
- 11 FURNISH AND INSTALL 3/4" NATURAL GAS CONNECTION FOR RANGE; RANGE TO BE SUPPLIED BY OWNER, CONTRACTOR TO INSTALL.
- 12 FURNISH AND INSTALL BOILER RHEEM RTG-94 OR EQUAL WITH CONTROLS, APPURTENANCES AND ALL TRIM. SEE BOILER PIPING SCHEMATIC. BALANCE AND COMMISSION SYSTEM. FURNISH AND INSTALL ALL MATERIALS FOR COMPLETE SYSTEM.
- 13 FURNISH AND INSTALL HYDRONIC AIR HANDLER RW104A2414 BY RHEEM OR EQUAL WITH CONTROLS, APPURTENANCES AND ALL TRIM. BALANCE AND COMMISSION SYSTEM. FURNISH AND INSTALL ALL MATERIALS FOR COMPLETE SYSTEM.
- 14 FURNISH AND INSTALL DIFFUSERS AND REGISTER FOR FORCED AIR HEATING SYSTEM; CONNECT TO DUCTING IN ATTIC LEVEL. SEE SCHEDULE FOR DIFFUSER AND REGISTER SIZE. FURNISH AND INSTALL ALL MATERIALS FOR COMPLETE SYSTEM.



GRADE LEVEL/UNDERSIDE OF HOUSE



FIRST FLOOR



LEGEND			
○+	PIPE ELBOW UP	↖	WALL HYDRANT
○-	PIPE ELBOW DOWN		PIPE FLANGE
—	CLEAN OUT		PIPE UNION
⊕	CHECK VALVE	⊞	PUMP
⊖	PLUG VALVE	⊞	MOTORIZED VALVE
⊞	GATE VALVE	⊞	FIN TUBE RADIATOR WITH COVER
⊞	BALL VALVE	⊞	REGISTER
⊞	PRESSURE REGULATING VALVE	⊞	EXHAUST FAN
⊞	PRESSURE RELIEF VALVE	⊞	DIFFUSER

ABBREVIATION	ABBREVIATION
CO	CLEAN OUT
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
NG	NATURAL GAS
RHR	RADIANT HEATING RETURN
RHS	RADIANT HEATING SUPPLY
SAN	SANITARY DRAIN
V	VENT
VTR	VENT TO ROOF
W	WASTE DRAIN

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

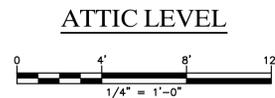
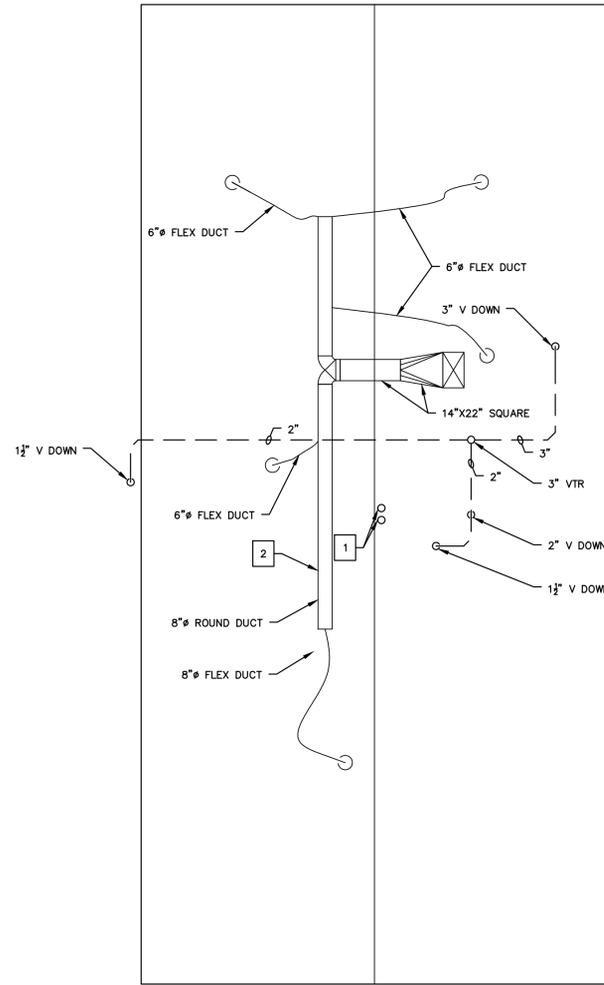
PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
3	11/07/2017	ISSUED FOR RE-BID		MBR	MBR REC
2	8/24/2017	ISSUED FOR BID		MBR	MBR REC
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: 1/4" = 1'	DATE: 5/13/2016

MECHANICAL AND PLUMBING PLANS - 1

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	MP-1.0



HYDRONIC BOILER SCHEDULE																	
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FUEL TYPE	OUTPUT LOAD (MAX) (BTUH)	OUTPUT (MN) (BTUH)	FLOW RATE (GPM)	RETURN SUPPLY TEMP. (°F)	WORKING FLUID	HEAD LOSS (FT)	ELECTRICAL			PHYSICAL	LENGTH WIDTH/ HEIGHT (IN)	NOTES	
											MOTOR SIZE (HP)	MOTOR VOLTS/PH/Hz	CONTROL VOLTS/PH/Hz				
B-1	RHEEM RTGH-84DVL	UTILITY	CONDENSING, FORCED	NAT GAS	157000	11000	1.3	160/180	WATER	15	1	0.5	120/1/60	24V	3	300	

FAN COIL SCHEDULE														
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	AIR TARGETED FLOW RATE (CFM)	FAN EXTERNAL STATIC PRESSURE (IN. H2O)	HEATING COIL MEDIUM	COOLING COIL MEDIUM	2-PIPE HYDRONIC	MOTOR QUAN	MOTOR SIZE (HP)	MOTOR VOLTS/PH/Hz	LENGTH WIDTH/ HEIGHT (IN)	PHYSICAL	NOTES
AHU-1	RHEEM RW1T04A2414NAA	AHU CLOSET	VERTICAL CONCEALED	445	0.75	HYDRONIC	----	3/4 S&R	1	1/3	120/1/60	14/22/34		

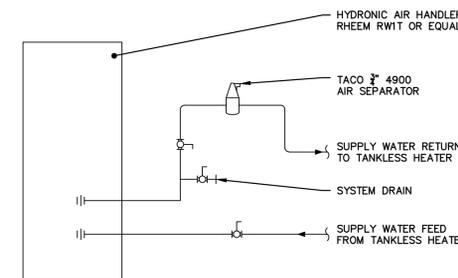
EXPANSION TANK SCHEDULE													
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FLUID	MIN. TANK ACCEPTANCE VOLUME (GAL)	MINIMUM WORKING PRESSURE (PSIG)	MAXIMUM WORKING PRESSURE (PSIG)	RELIEF VALVE PRESSURE (PSIG)	PHYSICAL			NOTES	
									WORKING FLUID	TANK SIZE (GAL)	DI. / HEIGHT (IN)		NPT FITTING (IN)
ET-1	THERM-X-TROL ST-12	UTILITY	DIAPHRAGM PIPE	WATER	9/3.1	12.7	27	30	4.4	11/15	3/4		

CONDENSATE NEUTRALIZER SCHEDULE													
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	QTY	TYPE	CONDENSATE DEVICE		PHYSICAL			NOTES			
					INPUT LOAD (BTUH)	EFFICIENCY (%)	LENGTH WIDTH/ HEIGHT (IN)	NPT FITTING (IN)					
CN-1	AXIOM NC-1	UTILITY	1	STANDARD	15300	80	13.75/3.625/4	0.75					

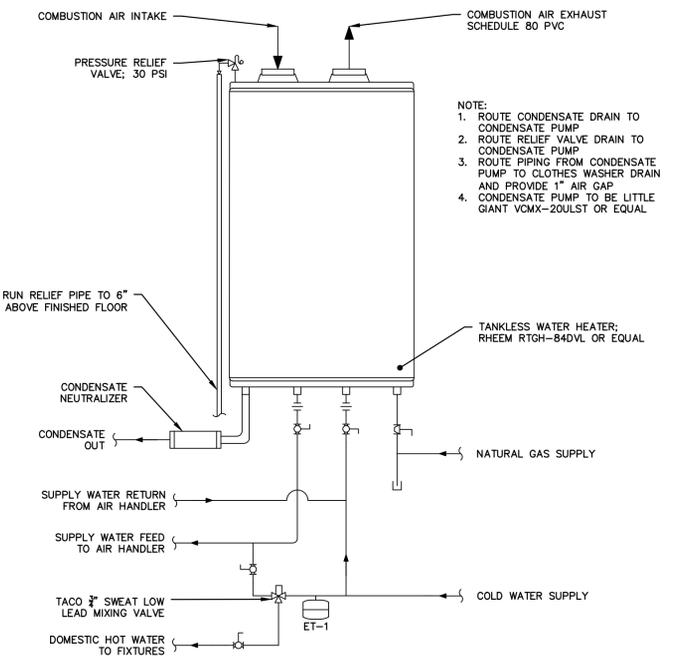
LOW WATER CUTOFF SCHEDULE													
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	ELECTRICAL	PHYSICAL	PHYSICAL			NOTES				
						VOLTS/PH/Hz	LENGTH WIDTH/ HEIGHT (IN)	NPT FITTING (IN)					
LWCO-1	TACO LTR0243T-1	UTILITY	LTR	24/1/60	1.79/1.79/4.45								

AIR SEPARATOR SCHEDULE													
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FLUID	FLOW RATE (GPM)	WORKING FLUID	HEAD LOSS (FT)	PHYSICAL			NOTES		
								DI. / HEIGHT (IN)	NPT FITTING (IN)				
AS-1			4900 - HIGH EFFICIENCY	1.3	WATER	0.5							

ROOM DIFFUSER SCHEDULE													
ID	LOCATION	USAGE	NOMINAL AIRFLOW RATE (CFM)	LOAD (BTUH)	SENSIBLE LOAD (BTUH)	ENTERING TEMP. DBWB (°F)	LEAVING TEMP. DBWB (°F)	PHYSICAL			NOTES		
								DI. / HEIGHT (IN)	NPT FITTING (IN)				
FC-1	KITCHEN 103	HEATING	55	2100	2100	65/52	65/52	A504MS 6 X 6	3	3-WAY			
FC-2	LIVING ROOM DINING 102	HEATING	75	4200	4200	65/52	65/52	A504MS 8 X 8	4	4-WAY			
FC-3	BATHROOM 105	HEATING	55	900	900	65/52	65/52	A504MS 6 X 6	2	2-WAY			
FC-4	BEDROOM 106	HEATING	55	2500	2500	65/52	65/52	A504MS 6 X 6	4	4-WAY			
FC-5	BEDROOM 107	HEATING	55	2500	2500	65/52	65/52	A504MS 6 X 6	4	4-WAY			



2 AIR HANDLER PIPING DIAGRAM
MP-1.0 N.T.S.



2 BOILER PIPING DIAGRAM
MP-1.0 N.T.S.

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

MECHANICAL/PLUMBING NOTES

1. MECHANICAL AND PLUMBING PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING MECHANICAL/PLUMBING SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INCLUDE ALL NECESSARY PIPING FITTINGS AND FIXTURES TO COMPLETE THE DESIGN INTENT UNDER THE BASE BID IN ACCORDANCE WITH CURRENT CODES AND REQUIREMENTS OR AS SPECIFIED WHICHEVER IS MORE STRINGENT.
3. INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
4. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2016 STATE OF CONNECTICUT BUILDING CODE AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
5. MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
6. ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
7. METAL DUCTING SHALL BE FABRICATED AND INSTALLED PER SMACNA STANDARDS WITH GALVANIZED METALS, 26 GAUGE MINIMUM. MECHANICAL CONTRACTOR SHALL MAKE REQUIRED DUCT MODIFICATIONS TO ACCOMMODATE FIELD CONDITIONS.
8. RIGID ROUND OR RECTANGULAR DUCTING SHALL BE INSULATED WITH FIBERGLASS BLANKET INSULATION WITH FSK JACKET. JOINTS TO BE SEALED WITH 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
9. FLEXIBLE DUCTING SHALL BE FACTORY INSULATED WITH METAL VAPOR BARRIER; CONNECTIONS TO BE SECURED WITH MANUFACTURER APPROVED BANDING AND 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
10. GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE FITTINGS.
11. PIPING SHALL BE SUPPORTED AND FASTENED WITH APPROPRIATE HANGERS, TIES, OR STRAPS; PIPING SHALL BE INSTALLED FREE OF SAGS AND DROOPS.
12. PROVIDE ALL PLUMBING FIXTURES WITH ACCESSIBLE STOPS AND THERMOSTATIC MIXING VALVES AT ALL SHOWER FAUCETS.
13. ALL CLEANOUTS SHALL BE FULL SIZE OF PIPE UNLESS OTHERWISE NOTED.
14. MAKE PROPER HOT AND COLD WATER, RADIANT HEATING SUPPLY AND RETURN, WASTE VENT, DRAIN, GAS, AND OTHER PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT.
15. EQUIPMENT SHALL BE INSTALLED TO FACILITATE SERVICING AND COMPLY WITH MANUFACTURER WRITTEN INSTRUCTIONS.
16. CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE OPERATION AND MAINTENANCE DOCUMENTS AND TRAIN OWNER ON OPERATION OF SYSTEM.

MECHANICAL/PLUMBING KEYNOTES

- 1 FURNISH AND INSTALL COMBINATION VENT FLUE AND AIR SUPPLY TO ROOF FOR TANKLESS BOILER PER MANUFACTURER SPECIFICATIONS.
- 2 FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT FOR FORCED AIR HEATING IN ATTIC LEVEL.
- 3 FURNISH AND INSTALL ALL MATERIALS FOR PLUMBING VENTING

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
3	11/07/2017	ISSUED FOR RE-BID		MBR	MBR REC
2	8/24/2017	ISSUED FOR BID		MBR	MBR REC
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR REC

DRAWN: MBR CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE: 5/13/2016

MECHANICAL AND PLUMBING PLANS - 2

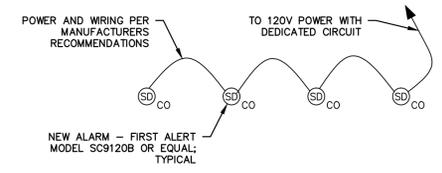
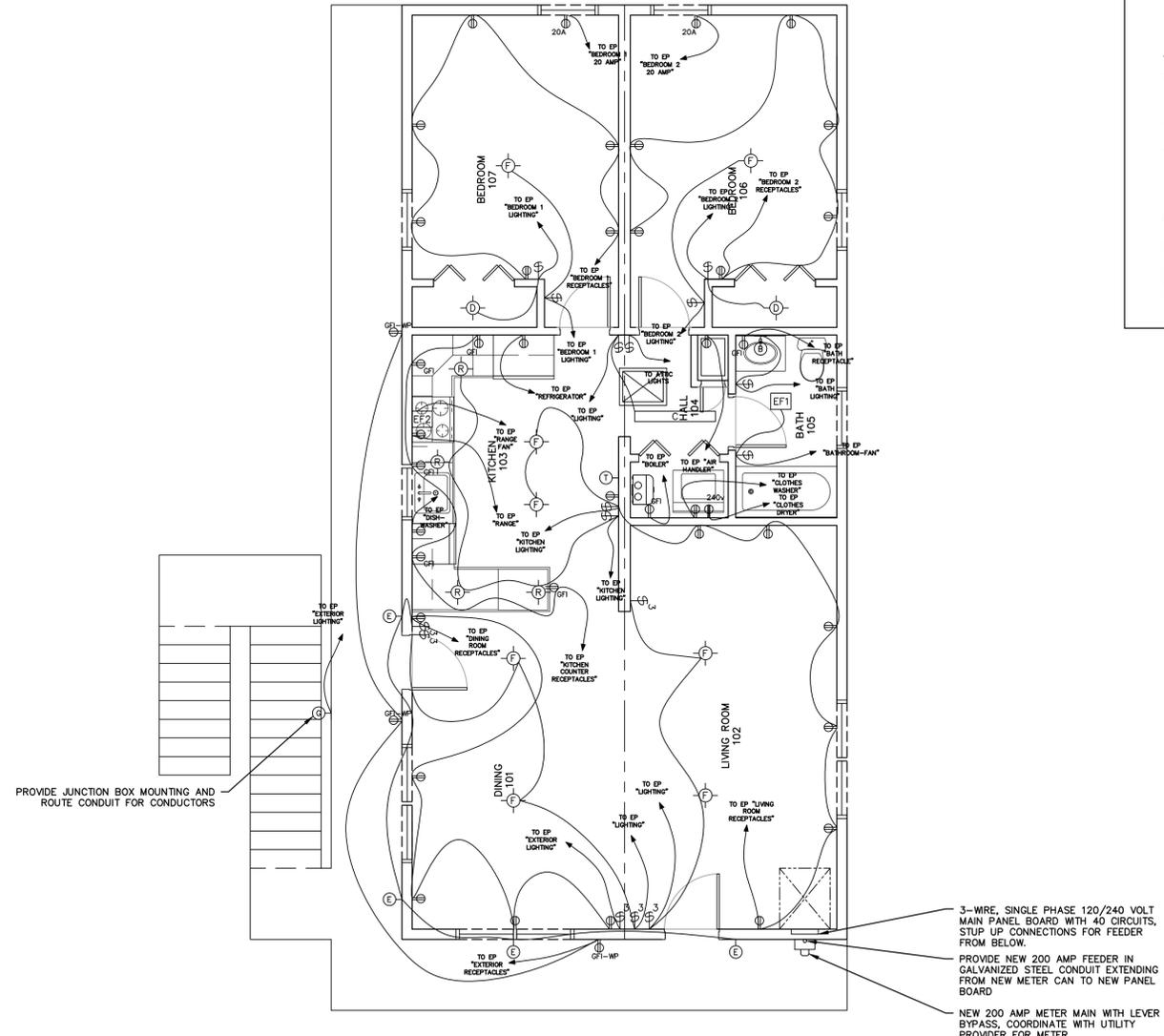
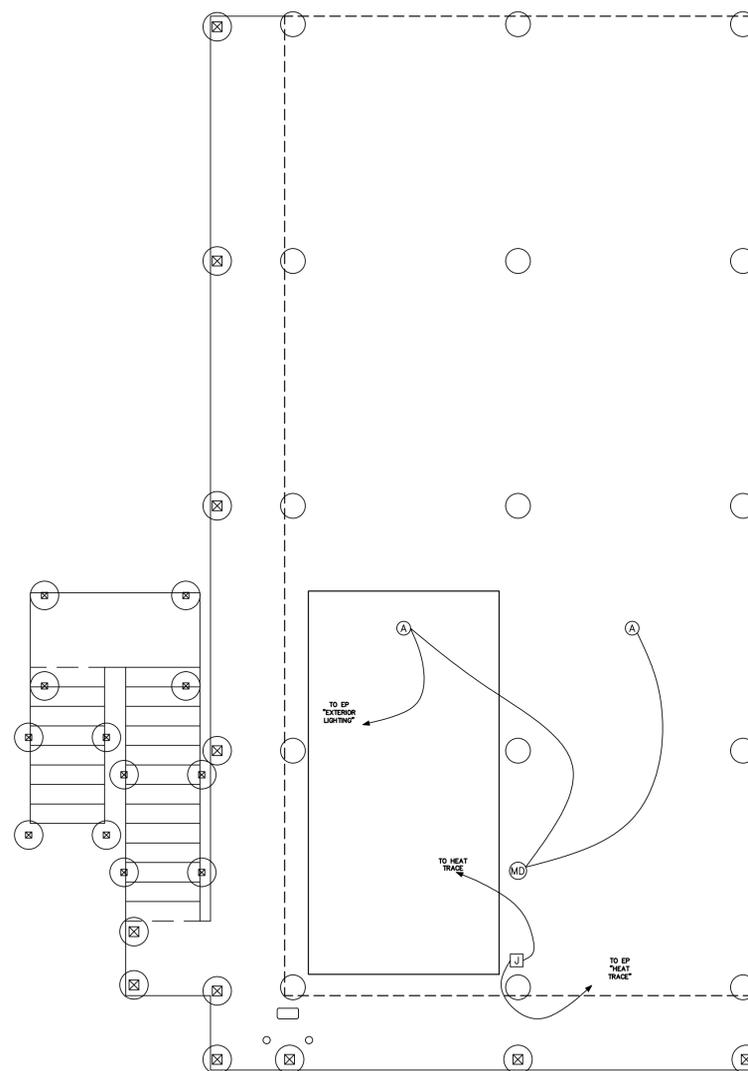
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	MP-1.1

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

ELECTRICAL GENERAL NOTES

1. ELECTRICAL PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING ELECTRICAL SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
2. INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2016 STATE OF CONNECTICUT BUILDING CODE AMENDMENT, 2014 NATIONAL ELECTRIC CODE, AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
4. NEW CIRCUITS SHALL BE WIRED WITH TYPE NMC CABLE UNLESS OTHERWISE NOTED OR REQUIRED BY CODE OR AUTHORITIES HAVING JURISDICTION.
5. PROVIDE SEPARATE GROUND WIRE AND NEUTRAL WIRE FOR EACH CIRCUIT.
6. MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
7. ALL MATERIALS SHALL BE UL LISTED AND LABELED FOR THE INTENDED APPLICATION.
8. ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
9. RECEPTACLES SHALL BE 20 AMP, 120 VOLT UNLESS OTHERWISE INDICATED.
10. WALL SWITCHES SHALL BE SINGLE POLE 20 AMP 120 VOLT UNLESS OTHERWISE INDICATED.
11. FURNISH AND INSTALL ONE (1) COMBINATION TELEPHONE AND TV (COAXIAL) RECEPTACLE IN EACH ROOM EXCLUDING BATHROOMS, CLOSETS, HALLS AND MEP ROOM.



- NOTE:
1. INSTALLED QUANTITY OF CABLE AND ALARMS IS THE RESPONSIBILITY OF THE CONTRACTOR, ACTUAL QUANTITIES WILL VARY. DIAGRAM IS SCHEMATIC IN NATURE
 2. JUNCTION BOX AND OTHER CONTROLS FOR ALARMS SHALL BE COLORED RED
 3. ALARMS SHALL HAVE 9 VOLT BATTERY BACKUP OPERATION
 4. THE SYSTEM SHALL BE CONFIGURED SUCH THAT ANY INDIVIDUAL ALARM TRIGGER WILL TRIGGER ALL OTHER ALARMS IN STRUCTURE

1 SMOKE AND CARBON MONOXIDE ALARM DETAIL
E-1.0 N.T.S.

FIRST FLOOR
0 4' 8' 12'
1/4" = 1'-0"

GRADE LEVEL
0 4' 8' 12'
1/4" = 1'-0"

ELECTRICAL LEGEND			
(A)	LITHONIA SERIES VR2	(MD)	MOTION DETECTOR
(B)	LITHONIA MODEL 11534 BN M2 FERROS 4-LIGHT BRUSHED NICKEL VANITY FIXTURE	(CO)	COMBINATION HARD WIRED SMOKE AND CARBON MONOXIDE DETECTOR
(C)	LITHONIA LBL4 WHITE LED CEILING MOUNT	(DUP)	DUPLEX RECEPTACLE
(D)	LITHONIA MODEL FMCL13ACRDM6	(240V)	240 VOLT DUPLEX RECEPTACLE
(E)	LITHONIA OLAW2353K120PEBZ OUTDOOR WALL MOUNT LED LIGHT	(GFCI)	GFCI DUPLEX RECEPTACLE
(F)	LITHONIA MODEL FMML7840	(S)	SWITCHED RECEPTACLE
(G)	LITHONIA MODEL OLF2RH LED MOTION SECURITY FLOOD LIGHT	(WP)	WATERPROOF RECEPTACLE
(H)	HALO MODEL H27ICAT WITH HALO MODEL 310W BAFFLE AND TRIM RING	(SW)	SWITCH
(J)	JUNCTION BOX	(SW3)	SWITCH, THREE WAY
(EF1)	BROAN MODEL 678 50 CFM SONES 2.5 RANGE HOOD, STAINLESS STEEL	(SW4)	SWITCH, FOUR WAY
(EF2)	BROAN 46000 SERIES CONVERTIBLE RANGE HOOD, STAINLESS STEEL	(SWWP)	SWITCH, WATERPROOF
		(DM)	SWITCH, DIMMER

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.

MCA
MARTINEZ COUCH & ASSOCIATES
ENGINEERING • LAND SURVEYING • ENVIRONMENTAL
CONSTRUCTION INSPECTION • GIS • WASTEWATER

1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	APPROVED: REC	SCALE: AS NOTED	DATE: 5/13/2016
3	11/07/2017	ISSUED FOR RE-BID	MBR MBR REC		
2	8/24/2017	ISSUED FOR BID	MBR MBR REC		
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR MBR REC		

ELECTRICAL PLANS - 1

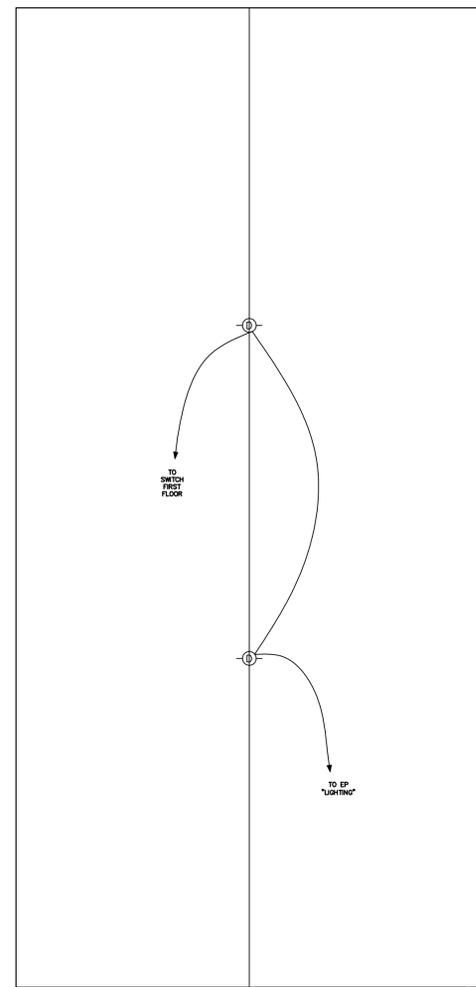
JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	E-1.0

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

ELECTRICAL GENERAL NOTES

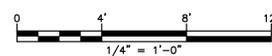
1. ELECTRICAL PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING ELECTRICAL SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
2. INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2016 STATE OF CONNECTICUT BUILDING CODE AMENDMENT, 2014 NATIONAL ELECTRIC CODE, AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
4. NEW CIRCUITS SHALL BE WIRED WITH TYPE NMC CABLE UNLESS OTHERWISE NOTED OR REQUIRED BY CODE OR AUTHORITIES HAVING JURISDICTION.
5. PROVIDE SEPARATE GROUND WIRE AND NEUTRAL WIRE FOR EACH CIRCUIT.
6. MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
7. ALL MATERIALS SHALL BE UL LISTED AND LABELED FOR THE INTENDED APPLICATION.
8. ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
9. RECEPTACLES SHALL BE 20 AMP, 120 VOLT UNLESS OTHERWISE INDICATED.
10. WALL SWITCHES SHALL BE SINGLE POLE 20 AMP 120 VOLT UNLESS OTHERWISE INDICATED.



NEW OVERHEAD 200 AMP SECONDARY ELECTRIC SERVICE BY UTILITY PROVIDER.

FURNISH AND INSTALL NEW OVERHEAD SERVICE MASTHEAD AND GALVANIZED STEEL CONDUIT TO METER SOCKET, PER LOCAL UTILITY PROVIDER REQUIREMENTS.

ATTIC LEVEL



ELECTRICAL LEGEND			
(A)	LITHONIA SERIES VR2	(MD)	MOTION DETECTOR
(B)	LITHONIA MODEL 11534 BN M2 FERROS 4-LIGHT BRUSHED NICKEL VANITY FIXTURE	(CO)	COMBINATION HARD WIRED SMOKE AND CARBON MONOXIDE DETECTOR
(C)	LITHONIA LBL4 WHITE LED CEILING MOUNT	(DP)	DUPLEX RECEPTACLE
(D)	LITHONIA MODEL FMCL13ACRDM6	(240V)	240 VOLT DUPLEX RECEPTACLE
(E)	LITHONIA OLAW2353K120PEBZ OUTDOOR WALL MOUNT LED LIGHT	(GFI)	GFCI DUPLEX RECEPTACLE
(F)	LITHONIA MODEL FMML7840	(S)	SWITCHED RECEPTACLE
(G)	HUNTER 52" NEWSOME COLLECTION MODEL 53315 BRUSHED NICKEL FINISH HALO MODEL H27ICAT WITH HALO MODEL 310W BAFFLE AND TRIM RING	(MP)	SWITCHED RECEPTACLE
(J)	JUNCTION BOX	(3)	SWITCH, THREE WAY
(EF1)	BROAN MODEL 678 50 CFM SONES 2.5	(4)	SWITCH, FOUR WAY
(EF2)	BROAN QDE 30" MODEL QDE30SS	(WP)	SWITCH, WATERPROOF
(EF3)	BROAN MODEL 35316 WITH AUTOMATIC SHUTTER FOR GABLE MOUNT	(DM)	SWITCH, DIMMER

THIS MAP IS A COPYRIGHTED WORK OF MARTINEZ COUCH AND ASSOCIATES, LLC. ALL RIGHTS RESERVED.



1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
Telephone: (860) 436-4364
Fax: (860) 436-4626
www.martinezcouch.com

PROJECT 5057
33 BLAIR STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
3	11/07/2017	ISSUED FOR RE-BID	MBR	MBR	REC
2	8/24/2017	ISSUED FOR BID	MBR	MBR	REC
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
DRAWN: MBR			CHECKED: MBR	APPROVED: REC	SCALE: 1/4" = 1'
				DATE: 5/13/2016	

ELECTRICAL PLANS - 2

JOB NO.	DRAWING NUMBER	SHEET
33-262-5057	BASEMAP 33-262-5057.dwg	E-1.1