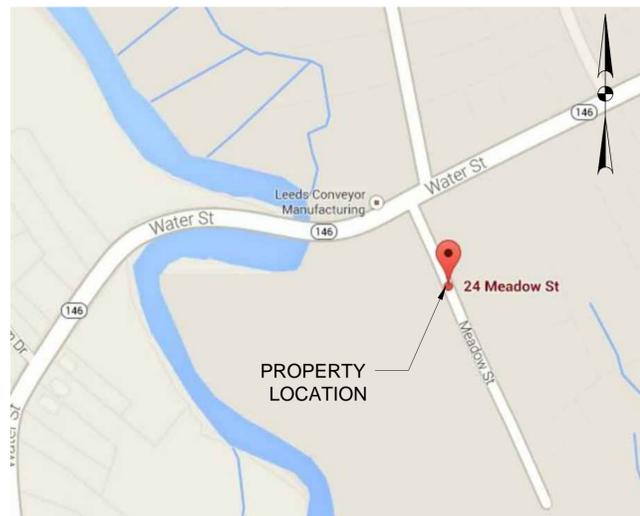


**THE STATE OF CONNECTICUT
DEPARTMENT OF HOUSING (DOH)**

**COMMUNITY DEVELOPMENT BLOCK GRANT-DISASTER RECOVERY PROGRAM
(CDBG-DR)**

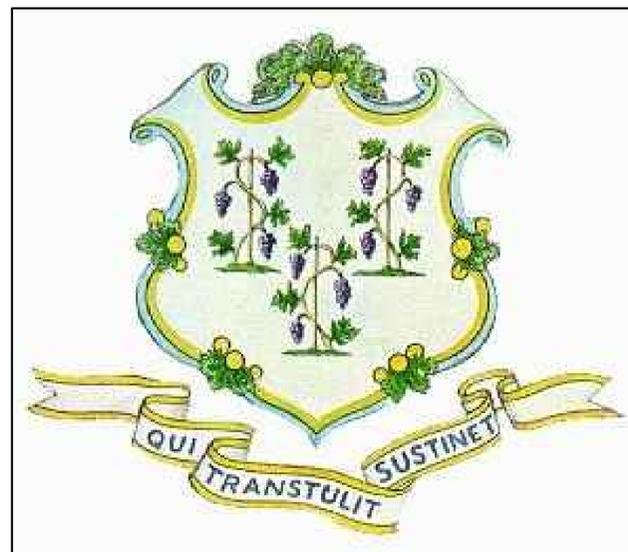
OWNER-OCCUPIED REHABILITATION AND REBUILDING PROGRAM (OORR)



PROJECT LOCATION MAP
NTS

**STORM SANDY RELIEF
GOVERNOR DANIEL P. MALLOY
APPLICATION NO. 1310
24 MEADOW ST.
GUILFORD, CT 06437**

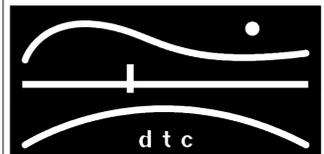
10/17/2014



SHEET NO.	DRAWING INDEX
G-100	COVER SHEET
C-100	SITE PLANS
C-101	CIVIL DETAILS & BORING LOGS
S-100	FOUNDATION PLAN AND DETAILS
S-101	FRAMING PLANS
S-102	BRACED WALL PLANS
A-001	ABBREVIATIONS, GENERAL AND DEMOLITION NOTES
A-01	FLOOR PLANS
A-02	BUILDING ELEVATIONS
A-03	WALL SECTION DETAIL BUILDING SECTION
A-04	WALL SECTION DETAIL BUILDING SECTION
A-05	BUILDING DETAILS
MP-001	MECHANICAL & PLUMBING DETAILS & SCHEDULES
MP-100	MECHANICAL GROUND, FIRST & SECOND FLOOR PLANS
P-100	PLUMBING GROUND, FIRST & SECOND FLOOR PLANS
MP-300	MECHANICAL & PLUMBING SCHEDULES & DETAILS
MP-301	MECHANICAL & PLUMBING DETAILS
E-001	ELECTRICAL GENERAL NOTES, LEGENDS & ABBREVIATIONS
E-100	ELECTRICAL GROUND, FIRST & SECOND FLOOR PLANS

NOTES:

REVISIONS



DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06518
203 239 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

Cmars Engineering, LLC
STRUCTURES FOUNDATIONS INVESTIGATIONS
58 Orchard Hill Road, Branford, CT 06405
Tel 203-483-8789 Fax 203-483-8285

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW ST.
GUILFORD, CT

COVER SHEET

DTC PROJECT NUMBER: 13-449-002

DTC DRAWING FILE:

SCALE:

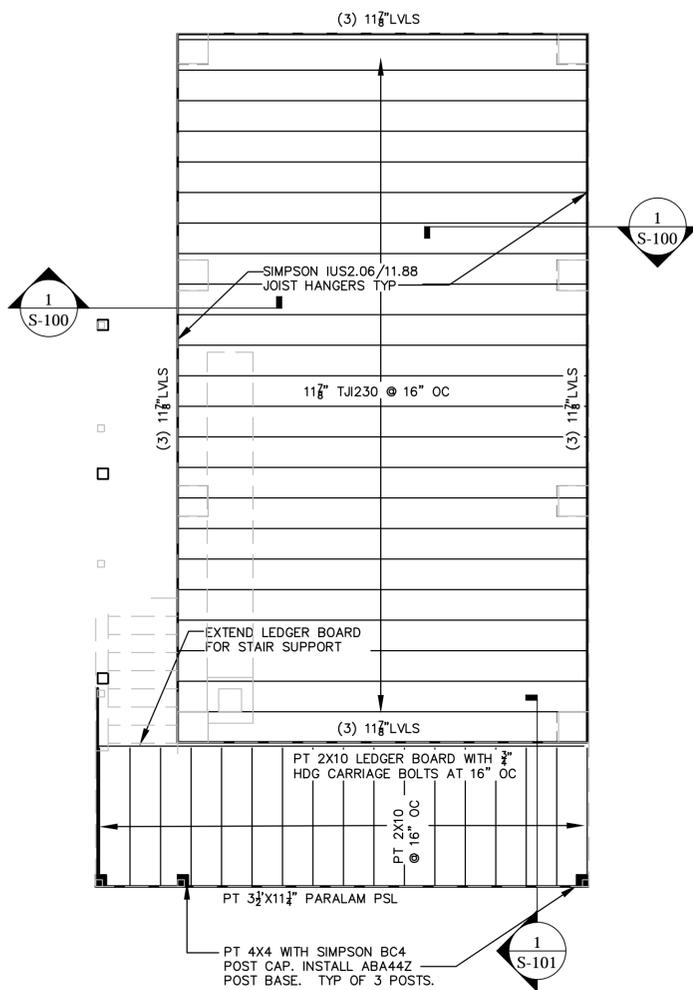
DATE: 10/17/2014

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G-100

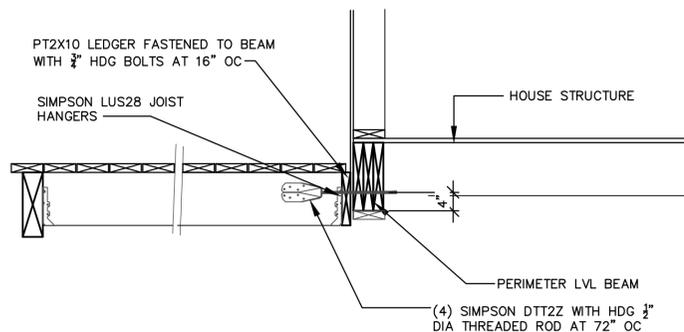


1ST FLOOR FRAMING PLAN

Scale: 1/4"=1'-0" (22X34 sheet)

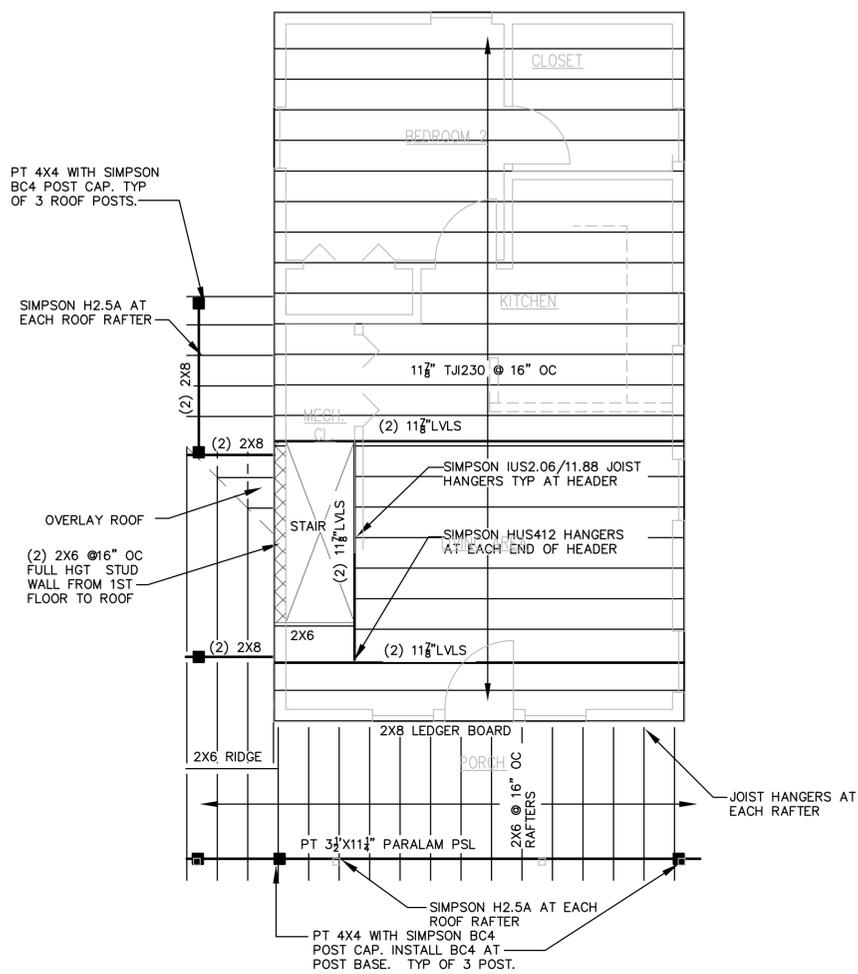
NOTES:

- FLOOR CONSTRUCTION: 3/4" TONGUE AND GROOVED SHEATHING GLUED AND SCREWED TO I-JOISTS AND LVL BEAMS.
- DESIGN CRITERIA IS: DEAD LOAD 15 PSF, LIVE LOAD 40 PSF, LIVE LOAD DEFLECTION = L/480
- ALL BEAMS ARE FLUSH FRAMED WITH THE FLOOR JOISTS UNLESS NOTED "DROPPED". PROVIDE JOIST HANGERS COMPATIBLE WITH THE JOISTS BEING SUPPORTED UNLESS A HANGER IS SPECIFIED ON THE PLAN.
- IF HOLES ARE REQUIRED THROUGH THE I-JOISTS OR LVLS FOR PIPES, DUCTS, ETC REFER TO MANUFACTURER'S LITERATURE FOR ALLOWABLE SIZES AND LOCATIONS.



1 SECTION

Scale: 3/4"=1'-0" (22X34 sheet)

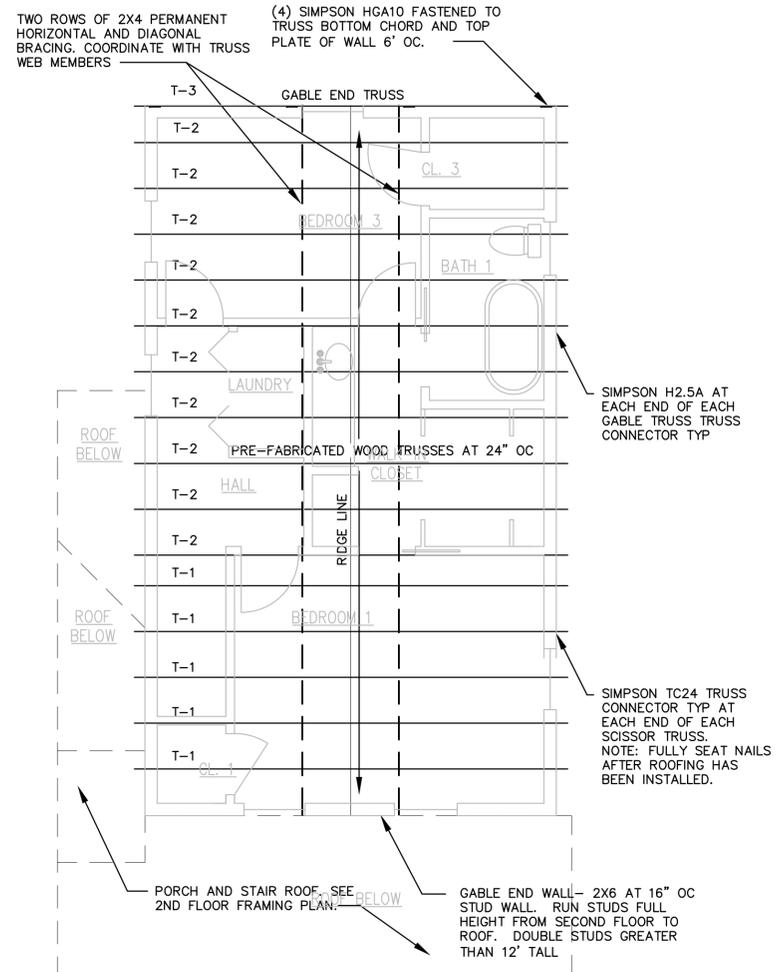


2ND FLOOR & PORCH ROOF FRAMING PLAN PROJECT NORTH

Scale: 1/4"=1'-0" (22X34 sheet)

NOTES:

- FLOOR CONSTRUCTION: 3/4" TONGUE AND GROOVED SHEATHING GLUED AND SCREWED TO I-JOISTS AND LVL BEAMS.
- DESIGN CRITERIA IS: DEAD LOAD 15 PSF, LIVE LOAD 40 PSF, LIVE LOAD DEFLECTION = L/480
- ALL BEAMS ARE FLUSH FRAMED WITH THE FLOOR JOISTS UNLESS NOTED "DROPPED". PROVIDE JOIST HANGERS COMPATIBLE WITH THE JOISTS BEING SUPPORTED UNLESS A HANGER IS SPECIFIED ON THE PLAN.
- FASTEN PORCH ROOF LEDGER BOARD TO EACH WALL STUD WITH (2) 5" LEDGERLOK SCREWS.
- IF HOLES ARE REQUIRED THROUGH THE I-JOISTS OR LVLS FOR PIPES, DUCTS, ETC REFER TO MANUFACTURER'S LITERATURE FOR ALLOWABLE SIZES AND LOCATIONS.



ROOF FRAMING PLAN

Scale: 1/4"=1'-0" (22X34 sheet)

ROOF FRAMING NOTES:

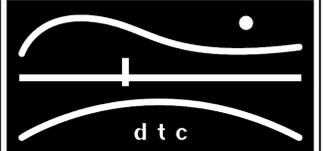
- ROOF CONSTRUCTION: PRE-FABRICATED DUAL PITCHED SYMMETRICAL WOOD TRUSSES WITH 15/32" APA RATED SHEATHING. SHEATHING TO BE FASTENED TO TRUSSES WITH 8d NAILS AT 6" OC. (EDGE AND PANEL FIELD)
- PROVIDE SIMPSON PSCA SHEATHING PANEL EDGE CLIPS BETWEEN TRUSSES.
- PROVIDE PERMANENT DIAGONAL AND HORIZONTAL TRUSS BRACING. SEE PLAN.
- XBW-X DENOTES BRACED WALL DESIGNATION. SEE BRACED WALL SCHEDULE.
- ROOF TRUSSES TO BE ENGINEERED BY THE TRUSS MANUFACTURER'S PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.
- TRUSS TYPES: T-1 DUAL PITCHED SYMMETRICAL TRUSS WITH A SLOPING BOTTOM CHORD (SCISSORS); T-2 DUAL PITCHED SYMMETRICAL TRUSS WITH A FLAT BOTTOM CHORD (GABLE); T-3 DUAL PITCHED SYMMETRICAL TRUSS WITH FLAT BOTTOM CHORD AND VERTICAL WEB MEMBERS AT 16" OC (GABLE END).
- TRUSSES TO BE DESIGNED FOR THE FOLLOWING LOADS:
 - TOP CHORD DEAD LOAD 15PSF
 - TOP CHORD SNOW LOAD 30 PSF MINIMUM (BALANCE AND UNBALANCED CONDITIONS).
 - BOTTOM CHORD DEAD LOAD 10 PSF
 - WIND LOADS FROM 105 MPH 3 SECOND GUST, EXPOSURE C

TYPICAL BEARING WALL HEADERS UNLESS OTHERWISE SHOWN:

- EXTERIOR WALLS ROUGH OPENING 4' OR LESS- (2) 2X10
- EXTERIOR WALLS ROUGH OPENING 7' OR LESS- (2) 9 1/2" LVLS
- EXTERIOR WALLS ROUGH OPENING 11' OR LESS- (3) 9 1/2" LVLS
- INTERIOR WALLS ARE NOT LOAD BEARING

NOTES:

REVISIONS



DIVERSIFIED TECHNOLOGY CONSULTANTS
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203 238 4200 203 234 7376 FAX

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28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (860) 202-1327

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58 Orchard Hill Road, Branford, CT 06405
Tel 203-483-8789 Fax 203-483-8285

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

FRAMING PLANS

DTC PROJECT NUMBER: 13-449-02

DTC DRAWING FILE:

SCALE: AS NOTED

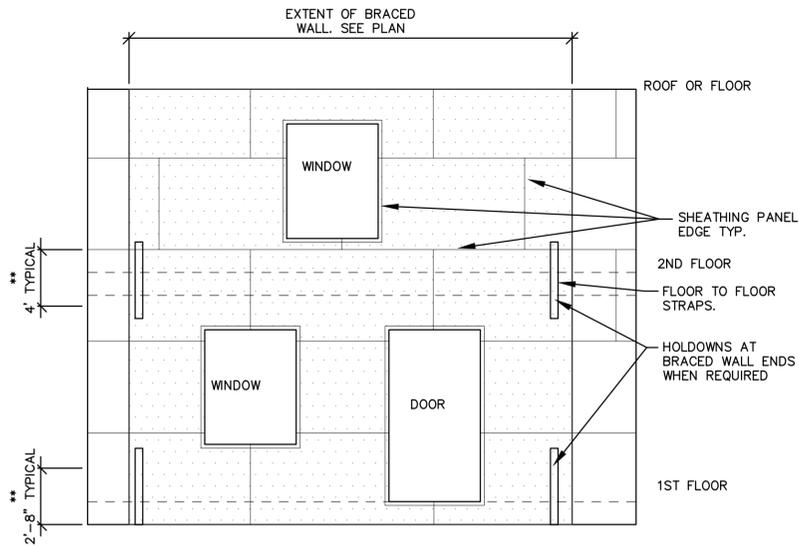
DRAWN BY: CMM

DATE: 10/17/14

CHECKED BY: CM

SHEET:

S-101



1 TYP BRACED WALL DETAIL

Scale: NTS

- NOTES:
- THIS DETAIL IS FOR GENERAL INFORMATION ONLY AND DOES NOT REPRESENT ANY SPECIFIC BRACED WALL. IT IS INTENDED TO BE A GUIDE TO THE SPECIFIC BRACED WALL CONSTRUCTION REQUIREMENTS.
 - ** DENOTES DO NOT LOCATE HORIZONTAL PANEL JOINTS WITHIN THIS AREA. LOCATE HORIZONTAL JOINTS A MINIMUM OF 12" BELOW THE BOTTOM OF THE FLOOR JOISTS AND A MINIMUM OF 12" ABOVE THE FLOOR JOISTS AS APPLICABLE. THIS REQUIREMENT APPLIES TO ALL EXTERIOR WALLS, NOT ONLY TO THE BRACED WALLS

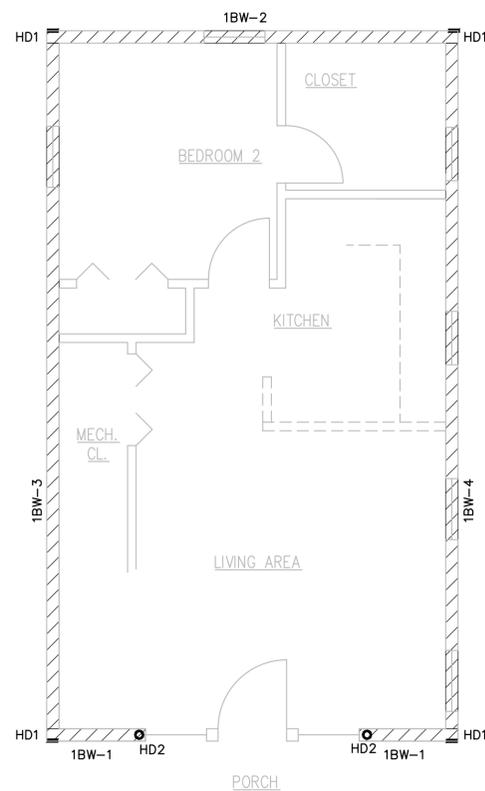
DESIGN BASIS

- ALL WORK SHALL CONFORM TO THE STATE BUILDING CODE, 2013 AMENDMENT TO THE 2005 CONNECTICUT SUPPLEMENT.
- SOIL BORINGS BY DR. CLARENCE WELTI, P.E., PC DATED 5/29/14
- WIND LOADS: BASIC WIND SPEED 3 SECOND GUST 105 MPH EXPOSURE CATEGORY: C
- THE FOUNDATION HAS BEEN DESIGNED WITH THE FLOOD ZONE REGULATIONS WITH A AE-10 DESIGNATION. BASE FLOOD ELEVATION 10.0' (NAVD 88). DESIGN FLOOD ELEVATION =12.5' + 1' FREEBOARD. BOTTOM OF THE LOWEST HORIZONTAL MEMBER SHALL BE AT ELEVATION 13.5' OR HIGHER. REFER TO THE DETAILS
- FLOOR LIVE LOAD: 40 PSF
- DECK; LIVE LOAD: 40 PSF
- SNOW LOAD: 30 PSF ROOF SNOW
- SOIL BEARING PRESSURE = 3000 PSF

GENERAL NOTES

- IF GROUNDWATER IS ENCOUNTERED IN THE EXCAVATION, PUMP AND DISCHARGE LEGALLY. SEE SPECIFICATIONS.
- NEW CONCRETE SHALL HAVE THE FOLLOWING 28 DAY COMPRESSIVE STRENGTHS:
FOOTINGS: 3000 PSI
GRADE BEAMS; 4000 PSI
PIERS: 4000 PSI
SLABS ON GRADE: 3500 PSI
- STEEL REINFORCEMENT BARS: ASTM A615 GRADE 60
- CONCRETE COLUMNS SURFACES EXPOSED TO VIEW SHALL BE SMOOTH RUBBED FINISH.
- BOTTOMS OF ALL FOOTINGS AND GRADE BEAMS SHALL BE A MINIMUM OF 3'-6" BELOW FINISH GRADE.
- IN THE EVENT OF OVER EXCAVATION, FILL WITH LEAN CONCRETE OR 1/2" CRUSHED STONE PRIOR TO FORMING AND PLACING GRADE BEAMS.
- ANY NEW WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- ALL FASTENERS (SIZE AND NUMBER) FOR METAL CONNECTORS (I.E. JOIST HANGERS, STRAPS, ETC.) SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S LITERATURE.
- ALL METAL CONNECTORS SHALL BE HOT DIPPED GALVANIZED TO THE MANUFACTURER'S MAXIMUM TREATMENT
- STRUCTURAL FILL AROUND THE GRADE BEAMS AND PIERS SHALL BE PLACED IN 12" LIFTS AND COMPACTED TO 95% OF THE MODIFIED PROCTOR (ASTM D1557). FILL SHALL MEET THE FOLLOWING GRADATION:

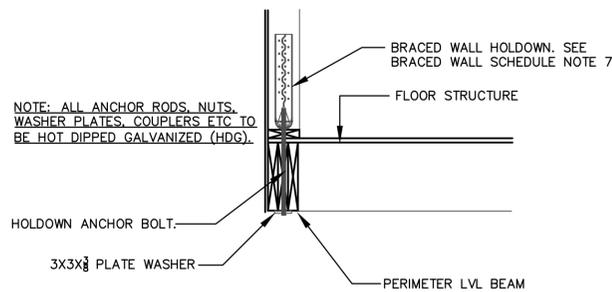
SIEVE SIZE	PERCENT PASSING
3.5	100%
3/4"	50 TO 100%
#4	25 TO 80%
#200	LESS THAN 15% OF #4
- IN LIEU OF THE NOTE #12 ABOVE, STRUCTURAL FILL MAY BE 3/8" CRUSHED STONE.
- LAMINATED VENEER LUMBER IS BASED Fb=2600 PSI, E= 2,000,000 PSI
- I-JOISTS ARE BASED ON LEVEL BY WEYERHAEUSER.
- SAWN LUMBER STUDS TO BE DOUGLAS FIR STUD GRADE.
- METAL CONNECTORS ARE BASED ON SIMPSON STRONG-TIE.
- WHEREVER BEAMS OR JOISTS FRAME INTO BEAMS PROVIDE HANGERS COMPATIBLE WITH THE SIZE OF THE MEMBER BEING SUPPORTED UNLESS OTHERWISE SPECIFIED. PROVIDE ALL BLOCKING AND NAILERS REQUIRED FOR A COMPLETE INSTALLATION.



1ST FLOOR BRACED WALL PLAN

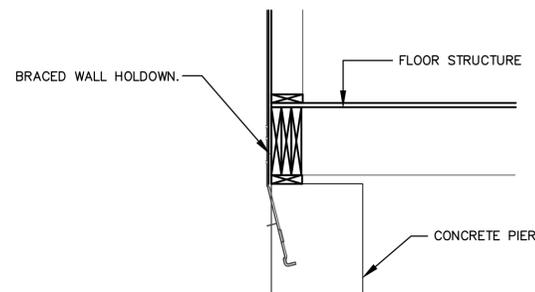
Scale: 1/4"=1'-0" (22X34 sheet)

FLOOR PLAN IS FOR ONLY FOR BRACED WALL REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS FOR FLOOR LAYOUT AND DIMENSIONS.



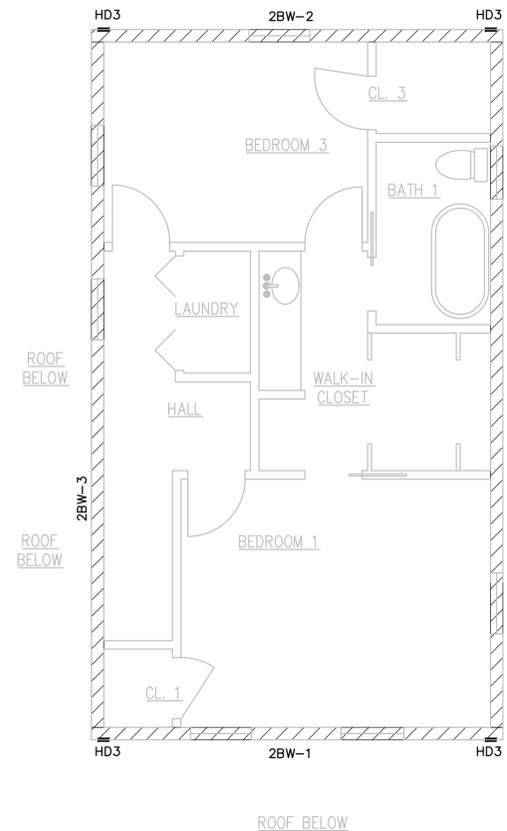
A HOLD-DOWN DETAIL

Scale: 3/4"=1'-0" (22X34 sheet)



B HOLD-DOWN DETAIL

Scale: 3/4"=1'-0" (22X34 sheet)



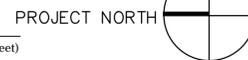
2ND FLOOR BRACED WALL PLAN

Scale: 1/4"=1'-0" (22X34 sheet)

FLOOR PLAN IS FOR ONLY FOR BRACED WALL REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS FOR FLOOR LAYOUT AND DIMENSIONS.

HD1 DENOTES SIMPSON STHDRJ14 HOLD-DOWN. SEE B/S-102
HD2 DENOTES SIMPSON HDU8 HOLD-DOWN WITH 7/8" DIA THREADED ROD DOWN THRU LVL. PROVIDE 3" DIA WASHER AND NUT AND AT BOTTOM OF LVL. SEE A/S-102

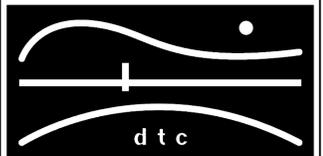
HD3 DENOTES SIMPSON MSTA40 STRAPS. SEE BRACED WALL NOTE #5 AND TYPICAL BRACED WALL DETAIL



BRACED WALL SCHEDULE				
BRACED WALL NOTES				
1. BRACED WALLS HAVE BEEN ENGINEERED FOR WIND LOADS BASED ON 105 MPH (3 sec gust) AND EXPOSURE C IN ACCORDANCE WITH THE 2013 AMENDMENT TO THE CONNECTICUT STATE BUILDING CODE.				
2. ALL EXTERIOR WALLS AND BRACED WALLS MUST BE SHEATHED WITH 3/8" APA RATED EXTERIOR OSB OR PLYWOOD.				
3. BRACED WALL PANEL JOINTS MUST BE BACKED WITH 2X4 BLOCKING OR WALL STUDS UNLESS OTHERWISE NOTED IN THE SCHEDULE.				
4. UNLESS OTHERWISE INDICATED IN THE BRACED WALL SCHEDULE, ALL PANEL EDGES TO BE FASTENED TO WALL STUDS, TOP AND BOTTOM PLATES, RIM JOISTS, AND HEADERS WITH 8d NAILS AT 6" OC. PANELS TO BE FASTENED TO ALL INTERMEDIATE FIELD SUPPORTS WITH 8d NAILS AT 12" OC.				
5. AT EACH END OF THE SECOND FLOOR BRACED WALLS INSTALL SIMPSON MSTA40 STRAP AS FLOOR-TO-FLOOR TIES. (CENTER STRAPS ON 2ND FLOOR DECK)				
6. BOTTOM PLATES OF ALL EXTERIOR WALLS AND BRACED WALLS TO BE ANCHORED TO THE FIRST FLOOR PERIMETER BEAMS WITH (2) 16d NAILS AT 8" OC				
MARK	SHEATHING	PANEL EDGE FASTENING	HOLD-DOWNS	COMMENTS
1BW-1	15/32"	8d NAILS AT 3" OC	SEE PLAN	
1BW-2	15/32"	8d NAILS AT 4" OC	SEE PLAN	
1BW-3	15/32"	8d NAILS AT 6" OC	NONE	NO BLOCKING REQUIRED
1BW-4	15/32"	8d NAILS AT 4" OC	NONE	NO BLOCKING REQUIRED
2BW-1	15/32"	8d NAILS AT 6" OC	SEE NOTE 5	
2BW-2	15/32"	8d NAILS AT 6" OC	SEE NOTE 5	
2BW-3	15/32"	8d NAILS AT 6" OC	NONE	NO BLOCKING REQUIRED
2BW-4	15/32"	8d NAILS AT 6" OC	NONE	NO BLOCKING REQUIRED

NOTES:

REVISIONS



DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06418
203 239 4200 203 234 7376 FAX

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OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

BRACED WALL PLANS

DTC PROJECT NUMBER: 13-449-02

DTC DRAWING FILE:

SCALE: AS NOTED DRAWN BY: CMM

DATE: 10/17/14 CHECKED BY: CM

SHEET:

S-102

ABBREVIATIONS

@	AT	I.D.	INSIDE DIAMETER
A.C.	AIR CONDITIONING	IN.	INCH
ACOUST.	ACOUSTIC(AL)	INCL.	INCLUDE/ INCLUDING
AD.	AREA DRAIN	INFO.	INFORMATION
ADDTL.	ADDITIONAL	INS.	INSULATION
A.F.C.	ABOVE FINISHED CEILING	INT.	INTERIOR
A.F.F.	ABOVE FINISHED FLOOR	L.	LENGTH
A.I.A.	AMERICAN INSTITUTE OF ARCHITECTS	LAM.	LAMINATE
A.I.E.E.	AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS	LAV.	LAVATORY
A.I.S.C.	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LB.	POUND
AL.	ALUMINUM	L.F.	LINEAL FOOT
ALT.	ALTERNATE	LH	LEFT HAND
APPR.	APPROXIMATELY	L.L.	LOT LINE
APT.	APARTMENT	L.P.	LOW POINT
ARCH.	ARCHITECT	LT.	LIGHT
A.S.	ALUMINUM SADDLE	MANUF.	MANUFACTURER
A.S.H.R.A.E.	AMERICAN SOCIETY OF HEATING, REFRIGERATION & AIR CONDITIONING ENGINEERS	MAT'L.	MATERIAL
		MAX.	MAXIMUM
		MECH.	MECHANICAL
A.S.M.E.	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	MIN.	MINIMUM
A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS	MISC.	MISCELLANEOUS
		M.O.	MASONRY OPENING
A.W.G.	AMERICAN WIRE GAUGE	M.S.	MARBLE SADDLE
		MTL.	METAL
BD.	BOARD	N.	NORTH
BLDG.	BUILDING	NO.	NUMBER
BLK.	BLOCK	N.T.S.	NOT TO SCALE
BM.	BENCH MARK		
B.O.	BY OTHERS	O.A.	OUTSIDE AIR
B.T.U.	BRITISH THERMAL UNIT	O.A.D.	OVERALL DIMENSION
Ⓢ	CHANNEL	O.C.	ON CENTER
CAB.	CABINET	O.D.	OUTSIDE DIAMETER
C.B.	CONCRETE BLOCK	OP'G.	OPENING
C.H.	CEILING HEIGHT	P.C.F.	POUNDS PER CUBIC FOOT
C.I.	CONTROL JOINT	PERF.	PERFORATED
CL.	CLOSET	PERM.	PERMANENT
CLG.	CENTERLINE	PERP.	PERPENDICULAR
CLR.	CLEAR	PH.	PHASE
C.O.	CLEAN OUT	P.L.	PROPERTY LINE
COL.	COLUMN	PL. LAM.	PLASTIC LAMINATE
CONC.	CONCRETE	PLMB'G.	PLUMBING
CONN.	CONNECTION	PLYWD.	PLYWOOD
CONST.	CONSTRUCTION	PNL.	PANEL
CONT.	CONTINUOUS	POL.	POLISHED
CONTR.	CONTRACTOR	P.S.F.	POUNDS PER SQUARE FOOT
CPT.	CARPET	P.S.I.	POUNDS PER SQUARE INCH
CSK.	COUNTERSINK	PTN.	PARTITION
C.T.	CERAMIC TILE	PT.	PAINT
C.W.	COLD WATER	PTG.	PAINTING
		PR.	PAIR
D.	DEPTH	Q.T.	QUARRY TILE
DBL.	DOUBLE	QUAL.	QUALITY
DET.	DETAIL	R.	RADIUS
DIA.	DIAMETER	R.D.	ROOF DRAIN
DIAG.	DIAGONAL	RECP.	RECEPTACLE
DIM.	DIMENSION	RECV'D.	RECEIVED
DIV.	DIVISION	REF.	REFRIGERATOR
D.L.	DEAD LOAD	REINF.	REINFORCED/REINFORCEMENT
DN.	DOWN	REQ'D.	REQUIRED
DR.	DOOR	R.H.	RIGHT HAND
D.S.	DOWNSPOUT	RLG.	RAILING
D.W.	DISHWASHER	RM.	ROOM
DWG.	DRAWING	R.O.	ROUGH OPENING
E.J.	EXPANSION JOINT	S.	SINK
E.L.	EMERGENCY LIGHT	SAD.	SADDLE
ELEC.	ELECTRICAL	S.C.	SOLID CORE
ELEV.	ELEVATION	SCHED.	SCHEDULE
ENG.	ENGINEER	SECT.	SECTION
EQ.	EQUAL	SEPAR.	SEPARATE
EQUIP.	EQUIPMENT	S.F.	SQUARE FEET
EWHT.	ELECTRICAL WALL HEATER	SIM.	SIMILAR
EXT.	EXTERIOR	SPEC.	SPECIFICATION
EXSTG.	EXISTING	SQ.	SQUARE
F.D.	FLOOR DRAIN	SRV.S.	SERVICE SINK
F.E.	FIRE EXTINGUISHER	S/S.	STAINLESS STEEL
F.H.C.	FIRE HOSE CABINET	STD.	STANDARD
F.H.R.	FIRE HOSE RACK	STL.	STEEL
FIN.	FINISH(ES)	STRUC.	STRUCTURAL
FIXT.	FIXTURE	T.	TREAD(S)
FL.	FLASHING	TEL.	TELEPHONE
FLR.	FLOOR	THK.	THICK / THICKNESS
F.P.	FIREPROOF	T.O.C.	TOP OF CONCRETE
FT.	FOOT	TYP.	TYPICAL
FTG.	FOOTING	U.O.N.	UNLESS OTHERWISE NOTED
G.A.	GAUGE	U.S.	UNDERSIDE
GAL.	GALLON	V.C.T.	VINYL COMPOSITION TILE
GALV.	GALVANIZED	VERT.	VERTICAL
G.C.	GENERAL CONTRACTOR	VEST.	VESTIBULE
GL.	GLASS TYPE	V.I.F.	VERIFY IN FIELD
GYP. BD.	GYPSUM BOARD	VOL.	VOLUME
H.B.	HOSE BIB	W.	WIDTH
HDW.	HARDWARE	W/.	WITH
H.M.	HOLLOW METAL	W.C.	WATER CLOSET
HQR.	HORIZONTAL	WD.	WOOD
H.P.	HIGH POINT	W/O.	WITHOUT
HR.	HOUR	W.P.	WATERPROOFING
HT.	HEIGHT	W.S.	WOOD SADDLE
HTG.	HEATING	WT.	WEIGHT
H.W.	HOT WATER	W.W.M.	WELDED WIRE MESH
		YD.	YARD

GENERAL NOTES

- SCOPE OF WORK**
 - RAISE EXISTING 2 STORY HOUSE 1 ADDITIONAL STORY, ABOVE THE 500 YEAR FLOOD ELEVATION. ALSO INTERIOR REPAIRS TO STORM DAMAGED AREAS AND MINOR INTERIOR RENOVATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LABOR, EQUIPMENT, MATERIALS AND THEIR SECURITY ON THE SITE.
 - ALL WORK SHALL FULLY CONFORM WITH THE REQUIREMENTS OF THE BUILDING AND ELECTRICAL CODES OF THE STATE OF CONNECTICUT, O.S.H.A., ALL OTHER AUTHORITIES AND CODES HAVING JURISDICTION OVER THE WORK, AND THE BEST TRADE PRACTICES.
 - THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED TO PERFORM THE WORK BEFORE COMMENCEMENT OF THE WORK. THE CONTRACTOR SHALL SECURE ALL CERTIFICATES OF INSPECTION AS REQUIRED BY ALL AUTHORITIES HAVING JURISDICTION OVER THE WORK AND SHALL DELIVER SAME TO OWNER. THE CONTRACTOR SHALL FILE REQUIRED CERTIFICATES OF INSURANCE WITH THE DEPARTMENT OF BUILDINGS.
 - ALL USE TAX, SALES TAX AND ANY OTHER CHARGES RELATIVE TO THE CONSTRUCTION OF THE PROJECT AND PAYMENT OF SAME ARE THE RESPONSIBILITY OF THE CONTRACTOR. AT THE COMPLETION OF THE WORK, DELIVER TO THE OWNER ALL REQUIRED PERMITS, CERTIFICATES OF APPROVAL, AND WARRANTIES CALLED FOR IN THIS SPECIFICATION.
 - THE CONTRACTOR SHALL VISIT THE SITE AND AQUAINT HIM OR HERSELF WITH ALL EXISTING CONDITIONS. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY IN PERFORMANCE OF THE CONTRACT.
 - ALL DIMENSIONS SHOWN ON THE DRAWINGS OR MENTIONED IN THE SPECIFICATIONS ARE DESIGN DIMENSIONS FOR PURPOSES OF PLANNING ONLY AND SHALL BE VERIFIED WITH THE CONTRACTOR'S MEASUREMENT OF ACTUAL DIMENSIONS IN THE FIELD.
 - ALL REQUIREMENTS SPECIFIED IN THE STATE OF CONNECTICUT BUILDING CODE AND ALL OTHER APPLICABLE CODES SHALL BE ADHERED TO AS IF THEY WERE EXACTLY REPRESENTED ON THE DRAWINGS. THIS SHALL NOT BE CONSTRUED TO MEAN THAT ANY OF THE REQUIREMENTS SET FORTH IN THE DRAWINGS MAY BE MODIFIED BECAUSE THEY ARE MORE STRINGENT THAN THE CODE REQUIREMENTS OR ARE NOT SPECIFICALLY REQUIRED BY CODE.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING THE WORK, AND SHALL REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE ARCHITECT IN A TIMELY MANNER.
 - MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER CONSTRUCTION OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS.
 - THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH REQUIREMENTS OF LOCAL AUTHORITIES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL DESIGN AND INSTALL ADEQUATE SHORING AND BRACING FOR ALL STRUCTURAL OR REMOVAL TASKS. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES CAUSED BY OR DURING THE EXECUTION OF THE WORK.
 - THE CONTRACTOR SHALL LAYOUT HIS/HER OWN WORK AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES (PLUMBING, ELECTRICAL, ETC.)
 - PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGN-OFFS.
 - THE CONTRACTOR SHALL PERFORM ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO PERFORM ALL THE WORK AS INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
- NOT USED**
- DIMENSIONS AND LAYOUT**
 - NECESSARY DIMENSIONS AND RELATIONSHIPS ARE INDICATED ON THE DRAWINGS AND SHALL BE STRICTLY COMPLIED WITH. DRAWINGS SHALL NOT BE SCALED. USE WRITTEN DIMENSIONS OR WRITTEN INDICATIONS OF RELATIONSHIP ONLY.

DEMOLITION NOTES

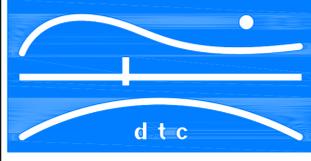
- CONTRACTOR SHALL PERFORM ALL OPERATIONS AS MAY BE REQUIRED BY THE WORK. ALL WORK SHALL BE DONE CAREFULLY AND NEATLY, IN A SYSTEMATIC MANNER.
- THE CONTRACTOR SHALL FILE ALL NECESSARY CERTIFICATES OF INSURANCE WITH THE DEPARTMENT OF BUILDINGS, PAY ALL FEES, OBTAIN ALL PERMITS AND PROVIDE ANY AND ALL BONDS REQUIRED BY ANY CITY AGENCY IN ORDER TO DO THE WORK HEREIN DESCRIBED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND CARTING AWAY FROM THE BUILDING SITE OF ALL MATERIALS THAT MUST BE REMOVED TO COMPLETE THE PROJECT. IN THE PROCESS OF CONSTRUCTION, DEMOLITION, AND CARTING OF MATERIALS, DEBRIS, AND EQUIPMENT IN AND OUT OF THE CONSTRUCTION SITE, CARE SHALL BE TAKEN TO PROTECT ALL EXISTING AREAS, BEAMS, PIPES, DUCTS, AND FINISHES THAT ARE NOT TO BE AFFECTED BY CONSTRUCTION OR DEMOLITION. SHOULD ANY OF THESE AREAS, BEAMS, PIPES, ETC. OF THE BUILDING BE DAMAGED, THEY SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.
- NOT USED
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY INCIDENTAL DAMAGE TO EXISTING WORK.
- ALL ADJOINING PROPERTY AFFECTED BY ANY OPERATIONS OF DEMOLITION SHALL BE PROTECTED.
- CONTRACTOR SHALL REMOVE AND STORE ALL EXISTING FIXTURES, FITTINGS AND MATERIALS TO BE SALVAGED IN A DESIGNATED "CLEAN ROOM" WHICH SHALL BE LOCKED AT ALL TIMES AND KEPT CLEAN, DRY AND DUST FREE. EXISTING FIXTURES, FITTINGS, MATERIALS, ETC., TO BE SALVAGED SHALL BE DETERMINED BY CLIENT AND ARCHITECT IN THE FIELD.
- REMOVE DEMOLISHED MATERIALS FROM THE SITE IN A TIMELY MANNER. LEAVE SITE CLEAN AND FREE OF DANGEROUS CONDITIONS. NO DEBRIS SHALL BE ALLOWED TO ACCUMULATE ON THE SITE. DEBRIS SHALL BE REMOVED BY THE CONTRACTOR AS THE JOB PROCEEDS. THE SITE SHALL BE LEFT BROOM CLEAN AT THE COMPLETION OF DEMOLITION.
- CONTRACTOR SHALL PERFORM ALL DEMOLITION REQUIRED FOR THE COMPLETION OF THE PROJECT.
THE DRAWINGS SHOULD NOT BE CONSTRUED TO INDICATE FULL EXTENT OR PRECISE NATURE OF REQUIRED DEMOLITION. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND AS DRAWN CONDITIONS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO DEMOLITION.

DRAWING SYMBOLS LIST

- ROOM NUMBER AND IDENTIFICATION
- DOOR NUMBER
- WALL TYPE - REFER TO WALL TYPE LEGENDS ON A-100, A-101 & A-102
- REVISION NUMBER
- DATUM ELEVATION REFERENCE
- ALIGN
- SECTION/ ELEVATION DETAIL REFERENCE
- DETAIL REFERENCE
- INTERIOR ELEVATION REFERENCE
- ALTERNATE SCOPE OF WORK REFERENCE - REFER TO SPECIFICATION FOR DESCRIPTION OF SCOPE INCLUDED.

NOTES:

REVISIONS



DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN, CT 06516
203 239 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (860) 202-1327

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

ABBREVIATIONS,
GENERAL AND DEMOLITION NOTES

DTC PROJECT NUMBER: 13-449-1310

DTC DRAWING FILE:

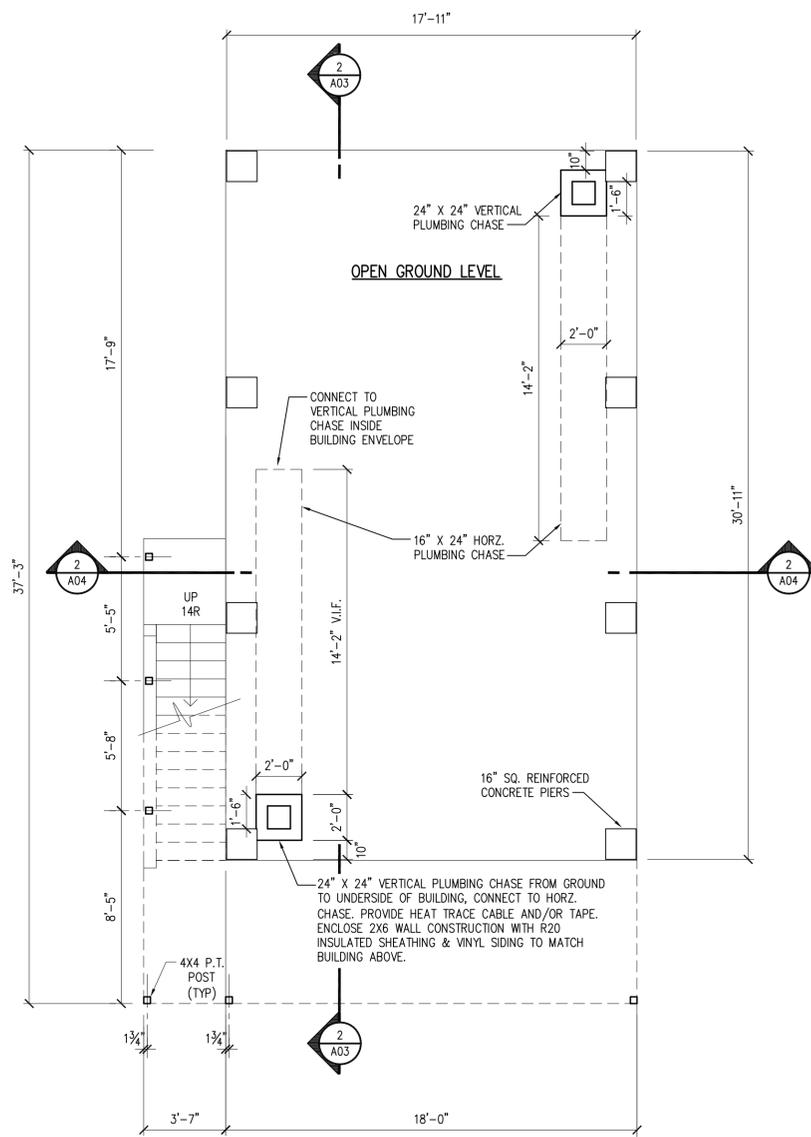
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DATE: 10/17/2014 CHECKED BY: J.B.

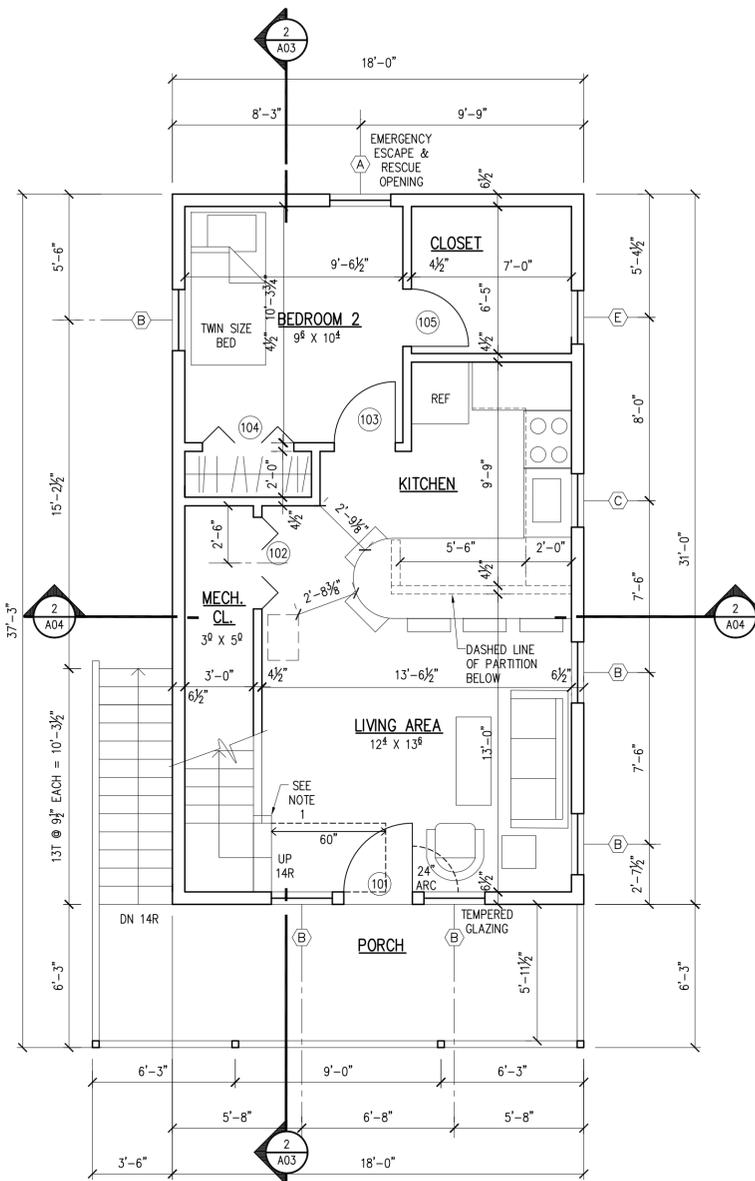
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A-00

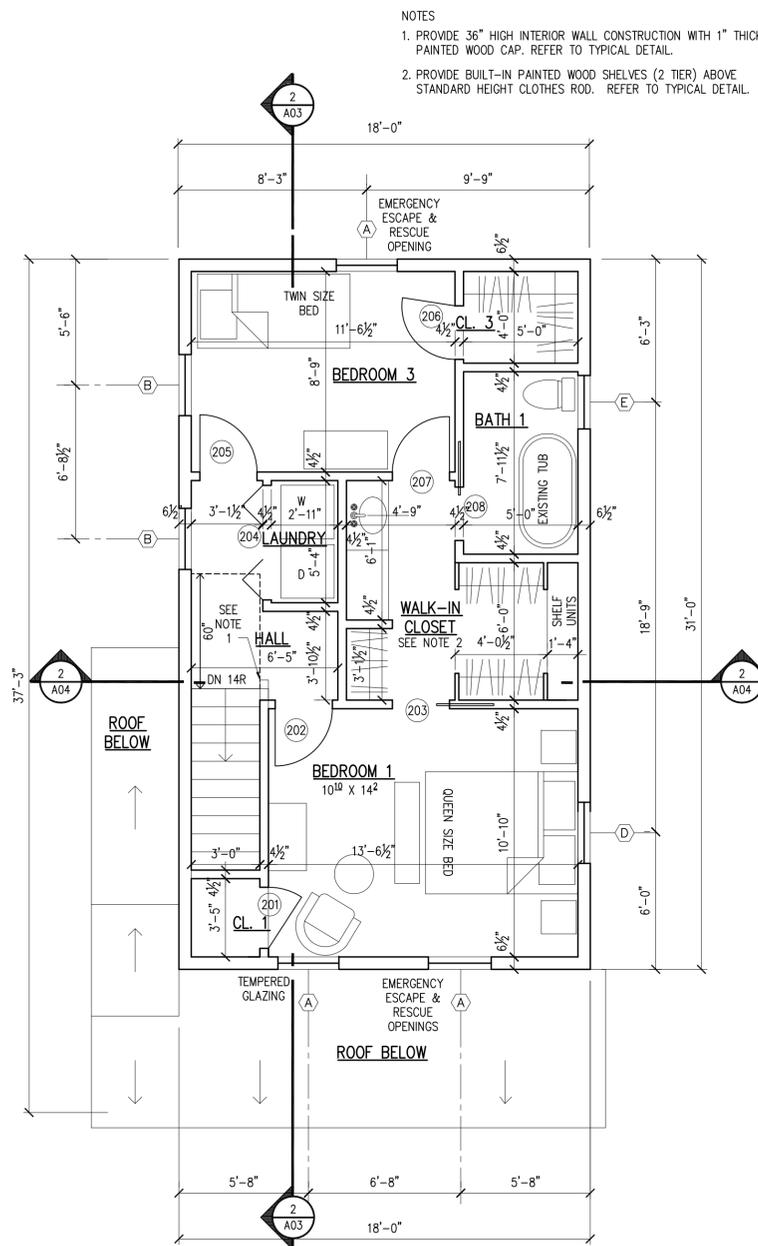
R:\ext (R)\ext3
 N:\ext (N)\ext4
 H:\ext (H)\ext5



1 GROUND FLOOR PLAN
A-01 SCALE: 1/4"=1'-0"



2 FIRST FLOOR PLAN
A-01 SCALE: 1/4"=1'-0"



3 SECOND FLOOR PLAN
A-01 SCALE: 1/4"=1'-0"

- NOTES
1. PROVIDE 36" HIGH INTERIOR WALL CONSTRUCTION WITH 1" THICK PAINTED WOOD CAP. REFER TO TYPICAL DETAIL.
 2. PROVIDE BUILT-IN PAINTED WOOD SHELVES (2 TIER) ABOVE STANDARD HEIGHT CLOTHES ROD. REFER TO TYPICAL DETAIL.

NOTES:

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DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06516
203 238 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (860) 202-1327

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

FLOOR PLANS

DTC PROJECT NUMBER: 13-449-1310

DTC DRAWING FILE:

SCALE: AS NOTED

DATE: 10/17/2014

SHEET:

DRAWN BY: J.C.

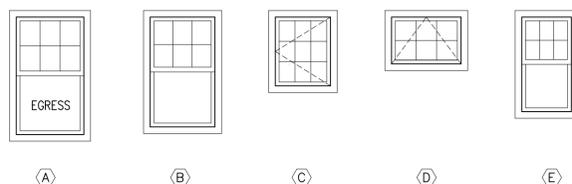
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A-01

WINDOW SCHEDULE

UNLESS OTHERWISE NOTED, MODEL NUMBERS REFLECT VICON VINYL WINDOWS (HARVEY BUILDING PRODUCTS).

TYPE	MODEL	OPERATION	ROUGH OPENING (WxH)	LITE	REMARKS
(A)	DH29410	DOUBLE HUNG	2'-11 1/2" x 5'-1 1/2"	6/1	EMERGENCY EGRESS
(B)	DH2846	DOUBLE HUNG	2'-10" x 4'-9 3/4"	6/1	
(C)	C243	CASEMENT	2'-5" x 3'-0"	9	
(D)	AWN31	AWNING	3'-0 1/2" x 2'-0 1/2"	6	
(E)	DH20310	DOUBLE HUNG	2'-2" x 4'-1 1/2"	6/1	



WINDOW NOTES:

1. REFER TO EXTERIOR ELEVATION DRAWINGS FOR OPERATION DIRECTION.
2. REFER TO EXTERIOR ELEVATIONS AND FLOOR PLANS FOR WINDOWS WITH TEMPERED GLASS, BOTH SASHES, U.N.O.
3. REFER TO EXTERIOR ELEVATIONS AND FLOOR PLANS FOR WINDOWS REQUIRED TO MEET EMERGENCY ESCAPE & EGRESS OPENING REQUIREMENTS.
4. ARCHITECT AND OWNER TO REVIEW SHOP DRAWINGS FOR APPROVAL BEFORE ORDERING.

DOOR NOTES:

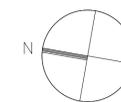
1. INTERIOR DOORS TO BE 1 3/4" MDF DOOR WITH xx AND xx OPTIONS, U.N.O. HARDWARE FINISH TO BE xxx.
2. EXTERIOR CLAD DOOR TO BE 1 3/4" INSULATED DOOR, S.D.L., INTERIOR FINISH - WHITE, EXTERIOR FINISH - CLAD WHITE.
3. ALL EXTERIOR DOOR HARDWARE FROM xxx OR EQUAL WHERE NOTED -. EXTERIOR FINISH TO BE xxx, INTERIOR FINISH TO BE xxx.

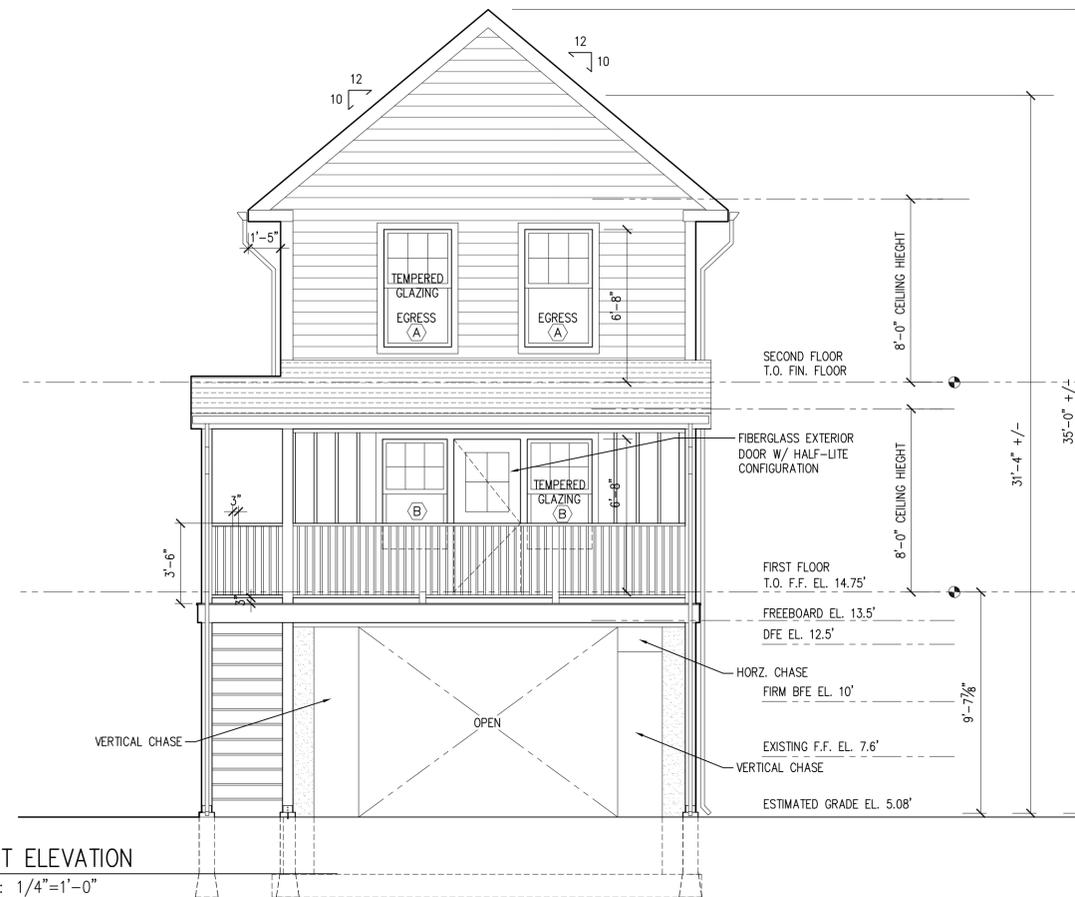
FIRST FLOOR DOOR SCHEDULE

NO.	TYPE	SIZE (WxH)	REMARKS
(101)	EXTERIOR PANEL SWING DOOR	3'-0" x 6'-8"	W/ LITES
(102)	INTERIOR PANEL BIFOLD DOORS	4'-0" x 6'-8"	PAIR
(103)	INTERIOR PANEL SWING DOOR	2'-8" x 6'-8"	
(104)	INTERIOR PANEL BIFOLD DOORS	4'-0" x 6'-8"	PAIR
(105)	INTERIOR PANEL SWING DOOR	2'-8" x 6'-8"	

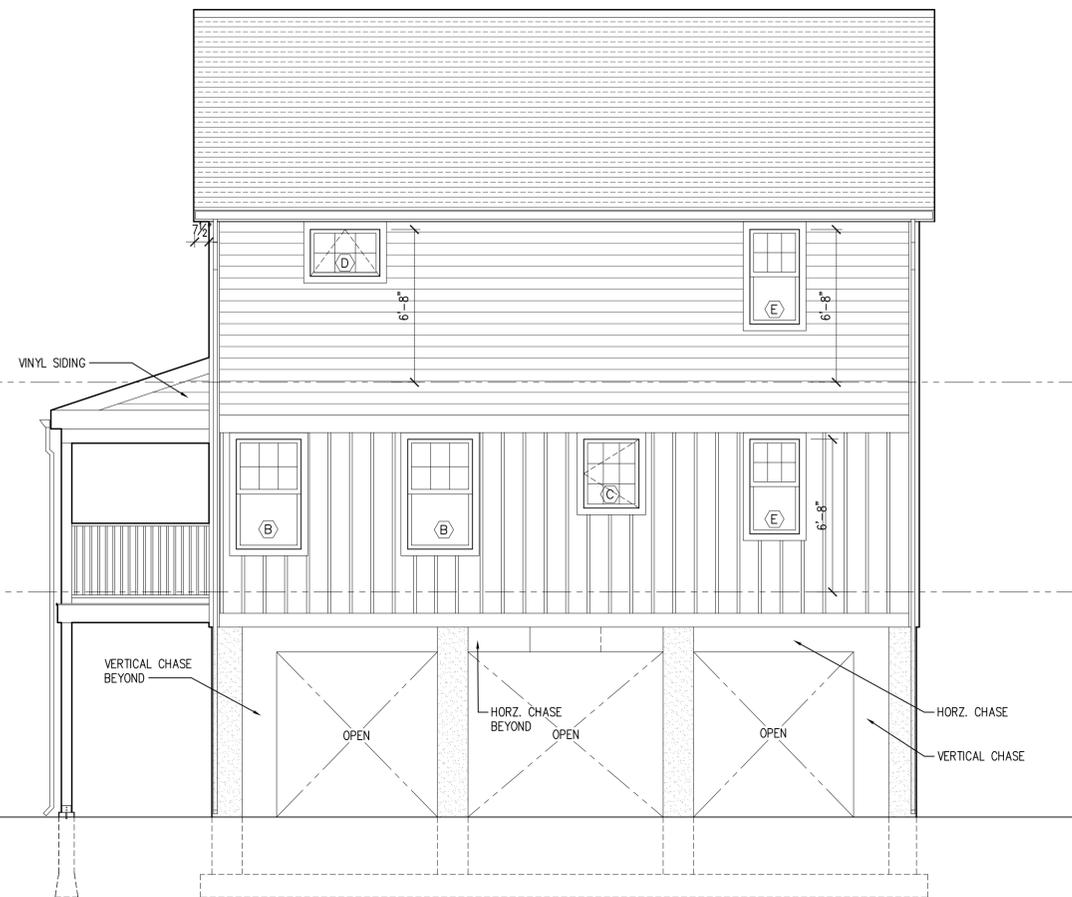
SECOND FLOOR DOOR SCHEDULE

NO.	TYPE	SIZE (WxH)	REMARKS
(201)	INTERIOR PANEL SWING DOOR	2'-8" x 6'-8"	
(202)	INTERIOR PANEL SWING DOOR	2'-6" x 6'-8"	
(203)	INTERIOR PANEL POCKET DOOR	2'-6" x 6'-8"	
(204)	INTERIOR PANEL BIFOLD DOORS	4'-0" x 6'-8"	PAIR
(205)	INTERIOR PANEL SWING DOOR	2'-6" x 6'-8"	
(206)	INTERIOR PANEL POCKET DOOR	2'-4" x 6'-8"	
(207)	INTERIOR PANEL POCKET DOOR	2'-6" x 6'-8"	
(208)	INTERIOR PANEL POCKET DOOR	2'-4" x 6'-8"	

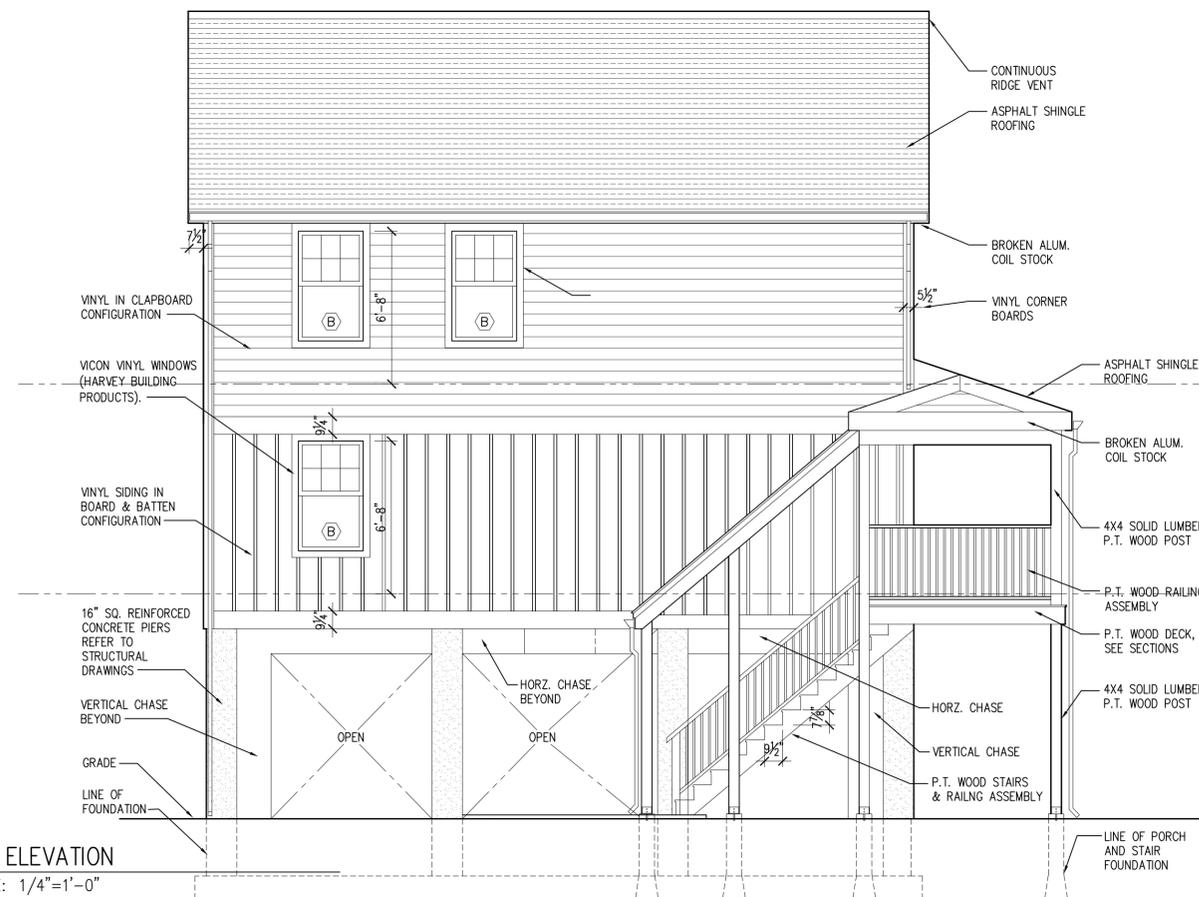




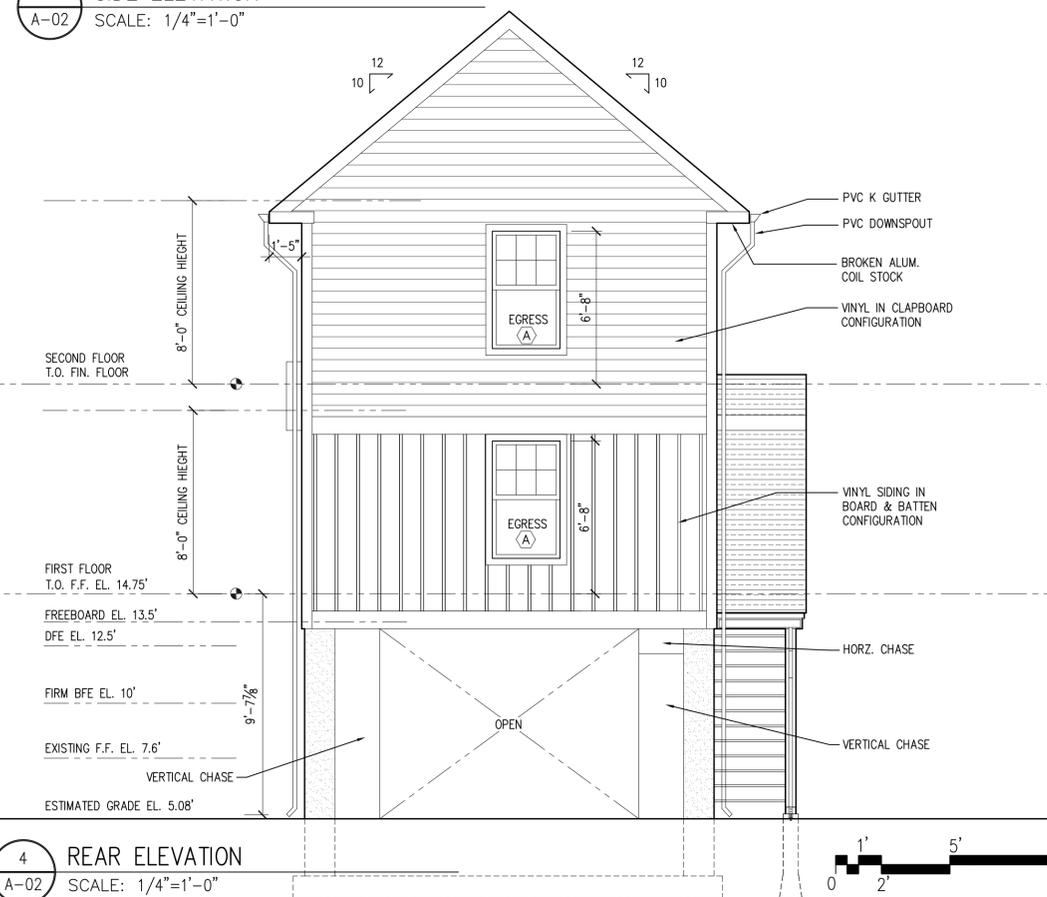
1 FRONT ELEVATION
A-02 SCALE: 1/4"=1'-0"



2 SIDE ELEVATION
A-02 SCALE: 1/4"=1'-0"



3 SIDE ELEVATION
A-02 SCALE: 1/4"=1'-0"

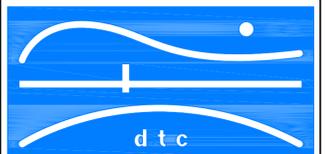


4 REAR ELEVATION
A-02 SCALE: 1/4"=1'-0"



NOTES:

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DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06516
203 238 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

BUILDING ELEVATIONS

DTC PROJECT NUMBER: 13-449-1310

DTC DRAWING FILE:

SCALE: AS NOTED

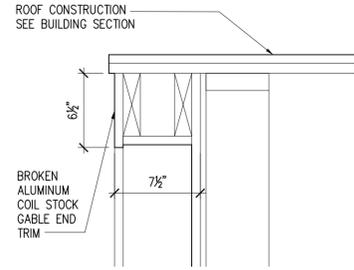
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DATE: 10/17/2014

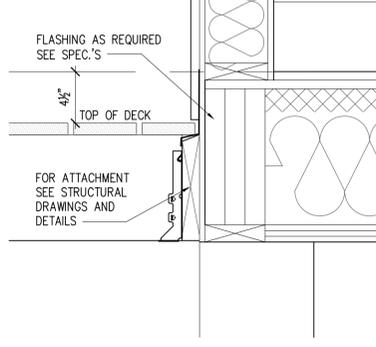
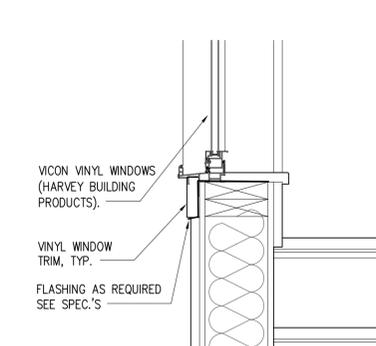
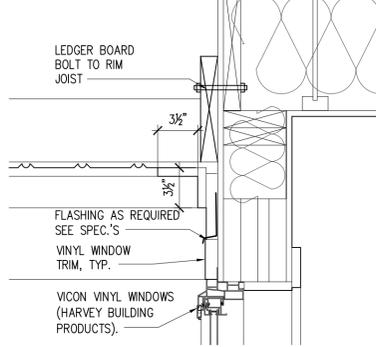
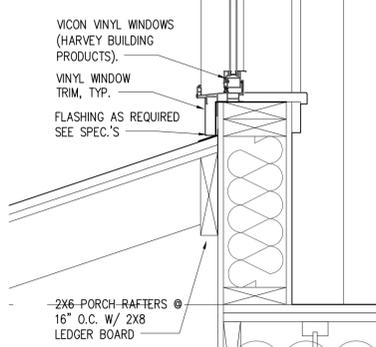
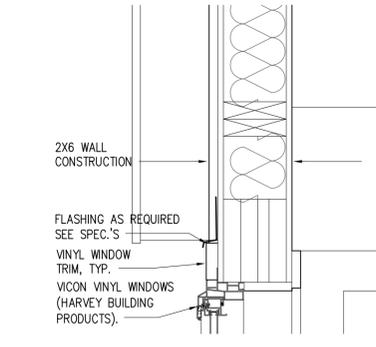
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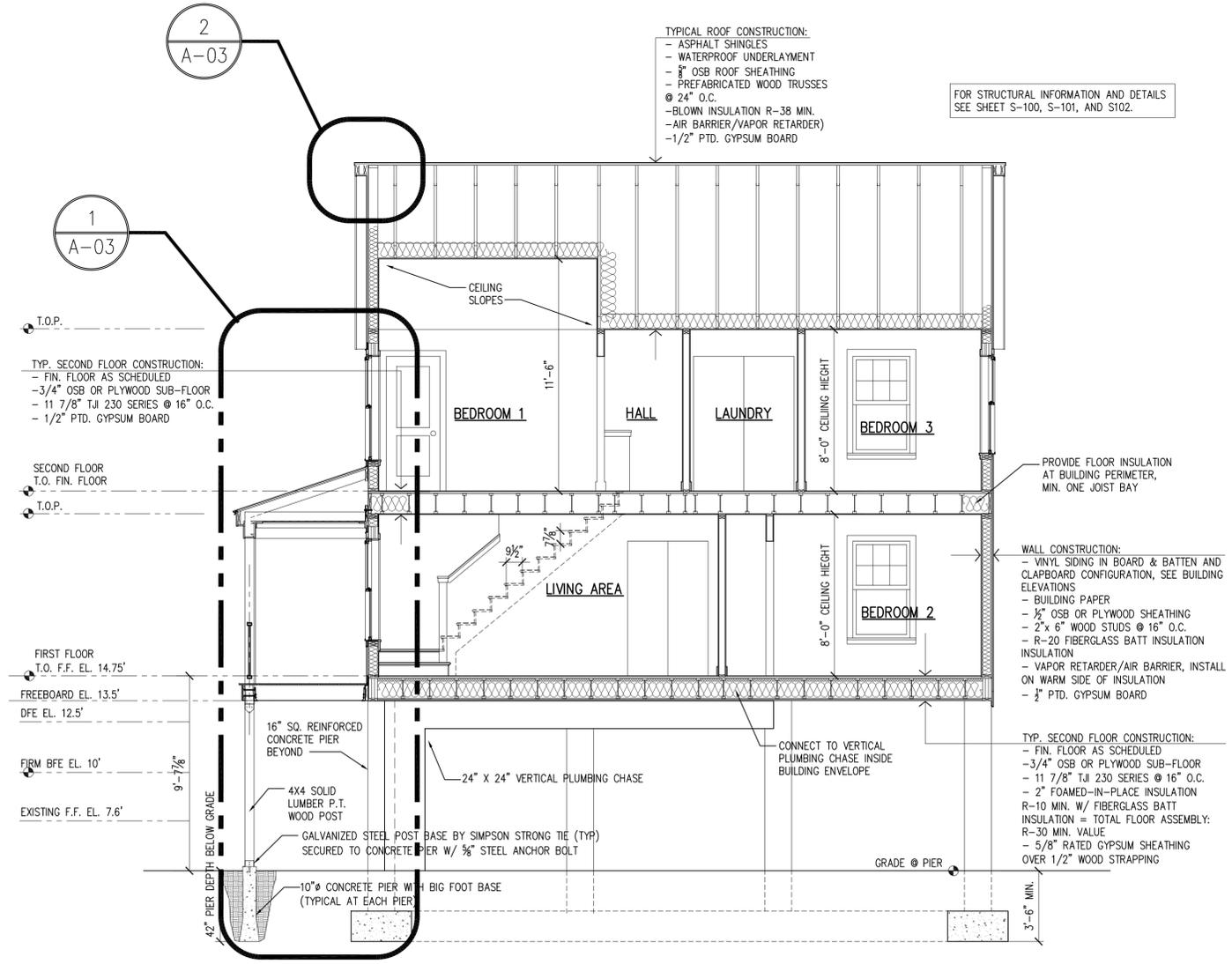
A-02



2 GABLE END DETAIL
A-03 SCALE: 1 1/2"=1'-0"



1 WALL SECTION DETAILS
A-03 SCALE: 1 1/2"=1'-0"



2 BUILDING SECTION
A-03 SCALE: 1/4"=1'-0"

NOTES:

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DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06516
203 238 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

WALL SECTION DETAIL
BUILDING SECTION

DTC PROJECT NUMBER: 13-449-1310

DTC DRAWING FILE:

SCALE: AS NOTED

DRAWN BY: J.C.

DATE: 10/17/2014

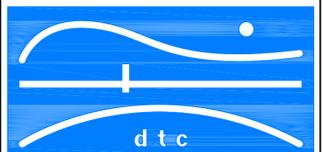
CHECKED BY: J.B.

SHEET:

A-03

NOTES:

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DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06516
203 238 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

WALL SECTION DETAIL
BUILDING SECTION

DTC PROJECT NUMBER: 13-449-1310

DTC DRAWING FILE:

SCALE: AS NOTED

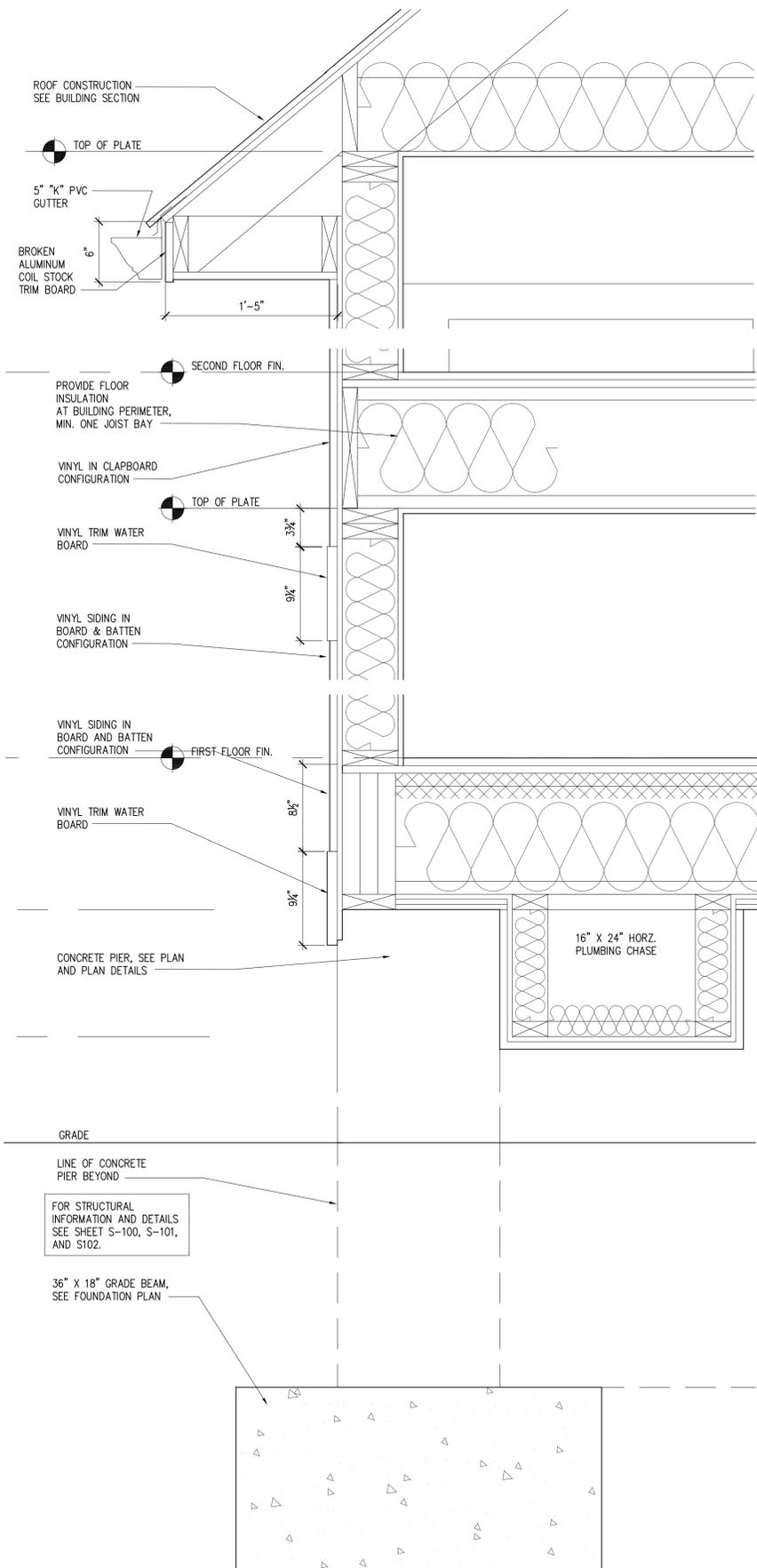
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DATE: 10/17/2014

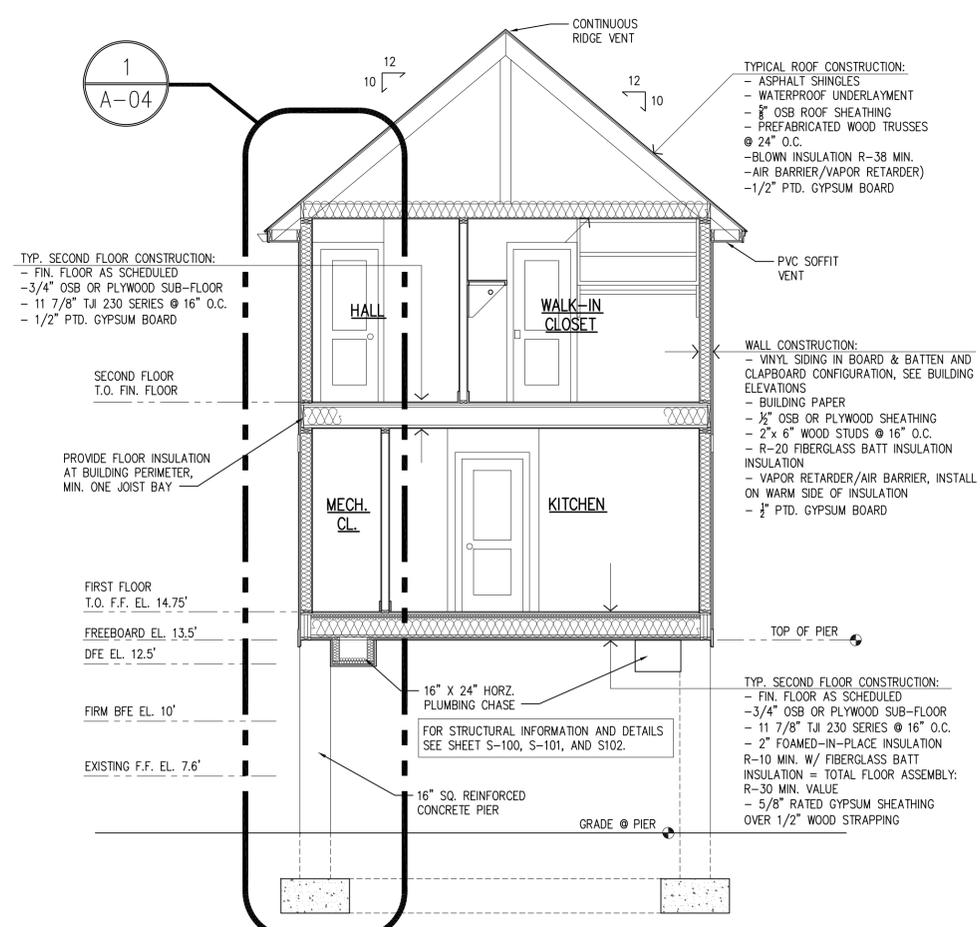
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SHEET:

A-04

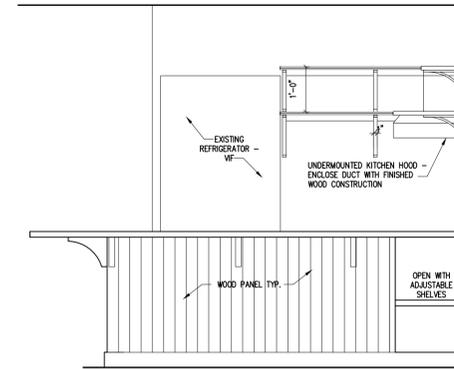
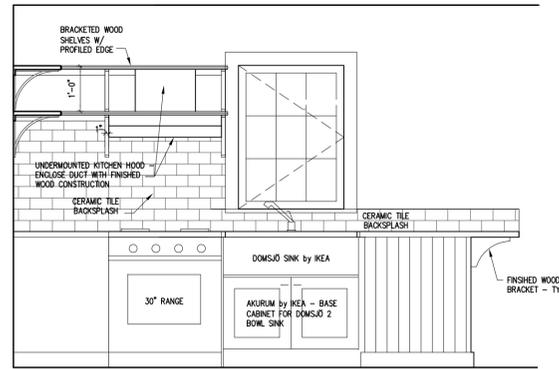


1 WALL SECTION DETAILS
A-04 SCALE: 1 1/2"=1'-0"

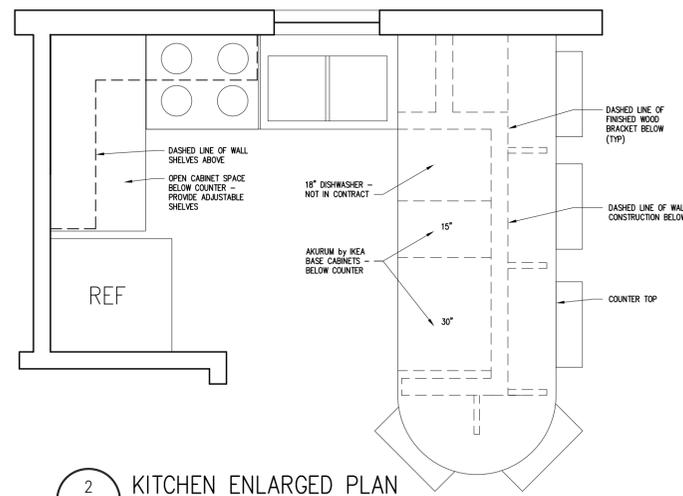


2 BUILDING SECTION
A-04 SCALE: 1/4"=1'-0"

REVISED (R) EXIST (E) EXTERIOR (EXT) DIMENSIONS (D)



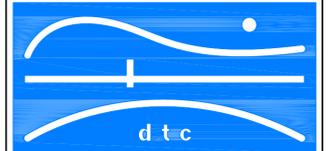
1 KITCHEN ELEVATIONS
A-05 SCALE: 1/2"=1'-0"



2 KITCHEN ENLARGED PLAN
A-05 SCALE: 1/2"=1'-0"

NOTES:

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DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06518
203 239 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

BUILDING DETAILS

DTC PROJECT NUMBER: 13-449-1310

DTC DRAWING FILE:

SCALE: AS NOTED DRAWN BY: J.C.

DATE: 10/17/2014 CHECKED BY: J.B.

SHEET:

A-05

PLUMBING GENERAL NOTES

LEGEND

ABBREVIATIONS

HVAC GENERAL NOTES

- THE CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE PROJECT DOCUMENTS OF ALL TRADES. THE DRAWINGS ARE DIAGRAMMATIC AND SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT AND PIPING. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF EQUIPMENT AND PIPING INSTALLATION WITH ALL TRADES BEFORE COMMENCING WORK.
- THIS CONTRACT SHALL INCLUDE ALL THE NECESSARY PIPING, FITTINGS, TRANSITIONS ETC. AS NECESSARY TO INSTALL PLUMBING SYSTEM, AND TO AVOID ANY CONFLICTS WITH OTHER TRADES AND THE BUILDING STRUCTURE.
- IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW INDIVIDUAL BRANCH PIPING TO EACH PLUMBING FIXTURE; ONLY THE BRANCH PIPING TO GROUPS OF FIXTURES IS INDICATED. THE ENTIRE PLUMBING SYSTEM SHALL BE FULLY OPERATIONAL AND READY FOR BENEFICIAL USE BEFORE THE JOB IS CONSIDERED COMPLETE.
- REFER TO LATEST ARCHITECTURAL PLANS FOR ELEVATIONS, SECTIONS, DETAILS, MOUNTING HEIGHTS, LOCATION OF PLUMBING FIXTURES. ALL HANDICAPPED DESIGNATED FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH ANSI AND ADA STANDARDS.
- DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS IN THE FIELD AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY & ALL DISCREPANCIES.
- IT IS NOT INTENDED THAT THE DRAWINGS SHOW EVERY PIPE, FITTING, RISE/DROP OR DETAIL. SYSTEM & COMPONENTS SHALL BE INSTALLED ACCORDING TO THE INTENT AND MEANING OF CONTRACT DOCUMENTS AND IN ACCORDANCE WITH GOOD PRACTICE.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS WITH FACILITIES AND SERVICES TO MEET REQUIREMENTS INDICATED AND IN ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES.
- EQUIPMENT AND COMPONENTS HAVING EQUAL PERFORMANCE CHARACTERISTICS BY OTHER MANUFACTURERS MAY BE CONSIDERED, PROVIDED DEVIATIONS IN DIMENSIONS, OPERATION AND OTHER CHARACTERISTICS DO NOT CHANGE DESIGN CONCEPT OR INTENDED PERFORMANCE AS JUDGED BY THE ENGINEER. BURDEN OF PROOF OF EQUALITY OF PRODUCTS IS ON THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR THE SAFEKEEPING OF HIS OWN PROPERTY ON THE JOB SITE. OWNER ASSUMES NO RESPONSIBILITY FOR THE PROTECTION OF PROPERTIES AGAINST FIRE, THEFT AND ENVIRONMENTAL CONDITIONS.
- CONTRACTOR IS RESPONSIBLE FOR PROPERLY PROTECTING OWNER'S PROPERTY AND EQUIPMENT FROM INJURY, AND DAMAGE TO SAME SHALL BE REPLACED BY CONTRACTOR.
- CONTRACTOR IS TO CLEAN JOB SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSED BY THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT.
- ALL WORK TO BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER, CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE CONSTRUCTION AREAS BY MEANS OF TEMPORARY PARTITIONS AND/OR TARPS TO KEEP DUST AND DIRT WITHIN WORK AREA.
- CONTRACTOR IS RESPONSIBLE TO PROPERLY SECURE AREAS OF CONSTRUCTION AT THE END OF EACH WORKING DAY.
- EQUIPMENT AND PIPING TO BE INSTALLED IN ACCORDANCE WITH SEISMIC REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ALL OTHER TRADES.
- ALL EQUIPMENT SUPPORTS AND PIPE HANGERS TO BE CONNECTED FROM THE BUILDING STRUCTURE.
- PROVIDE ACCESS PANELS/DOORS FOR ALL CONCEALED PLUMBING ITEMS REQUIRING ACCESS, COORDINATE WITH DIVISION 8.
- PROVIDE SHUTOFF VALVES AT ALL BRANCH PIPING TAKEOFFS.
- ALL BRANCH WATER PIPES TO HAVE STOP VALVES AT EACH PLUMBING FIXTURE.
- INSULATE EXPOSED WASTE, HOT AND COLD WATER PIPING UNDER HANDICAP LAVATORIES.
- INSULATE COLD WATER, HOT WATER AND RECIRCULATION PIPING, CONDENSATE DRAIN, STORM PIPING AND ROOF DRAIN BODIES.
- EVERY FIXTURE SHALL BE PROPERLY PIPED TO WATER, SANITARY, WASTE, AND VENT SYSTEMS. REFER TO THE PLUMBING SCHEDULES ON MEP DRAWINGS FOR INDIVIDUAL PIPE SIZES TO EACH FIXTURE.
- WHERE AN INACCESSIBLE CEILING IS INSTALLED (GYP BOARD OR EQUIVALENT), THE CONTRACTOR SHALL COORDINATE THE LOCATIONS OF ACCESS PANELS FOR ALL VALVES, CLEANOUTS, ETC., REQUIRING ACCESS, WITH THE ARCHITECT, PRIOR TO INSTALLATION OF SUCH DEVICES AND OTHER APPURTENANCES.
- NO PIPING SHALL BE INSTALLED WITHIN STAIRS, STAIR WALLS, OR OVER ELECTRICAL PANELS/EQUIPMENT. ONLY DEDICATED PLUMBING PIPING WILL BE ALLOWED WITHIN EACH OF THE SPACES INDICATED ABOVE. COORDINATE THE LOCATION OF ALL PIPING WITH ALL OTHER TRADES, AND ADJUST AS NECESSARY
- ALL PIPING IS TO BE RUN CONCEALED IN CEILINGS OR WALLS. PIPING IS TO BE EXPOSED ONLY WHERE NOTED ON DRAWINGS. IF CONTRACTOR CANNOT RUN PIPING CONCEALED, NOTIFY ENGINEER IMMEDIATELY TO RESOLVE CONFLICT.
- PIPE ALL CONDENSATE DRAINS FROM MECHANICAL EQUIPMENT COOLING COILS, BY GRAVITY (INTERIOR AIR HANDLING UNITS, FAN COIL UNITS, ETC.) TO FLOOR DRAINS OR JANITOR'S SINKS THROUGH AN AIR GAP. EACH CONDENSATE DRAIN SHALL BE TRAPPED AT THE EQUIPMENT DRAIN OUTLET, REFER TO TRAP DETAILS ON DRAWINGS. COORDINATE EXACT LOCATION WITH THE HVAC CONTRACTOR AND ADJUST AS NECESSARY.
- COORDINATE EXACT LOCATION OF ALL UNDERGROUND UTILITIES (WATER, GAS, SANITARY, ETC.) EXITING OR ENTERING THE BUILDING WITH UTILITY DRAWINGS. COORDINATE ALL FOUNDATION WALL PENETRATIONS AND INVERT ELEVATIONS WITH THE GENERAL CONTRACTOR AND OR OWNER'S REPRESENTATIVE.
- DOMESTIC WATER DROPS OR RISERS INSTALLED IN EXTERIOR WALLS, SHALL BE INSTALLED ON THE WARM SIDE OF THE BUILDING INSULATION, AND THE LOCATION SHALL BE MADE INFILTRATION FREE.
- COORDINATE ALL PLUMBING EQUIPMENT REQUIRING POWER, FOR EXACT LOCATION AND POWER REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR.
- ALL INDIRECT WASTE DRAINS SHALL BE PIPED TO FLOOR DRAINS, FUNNELS OR FIXED AIR GAP FITTINGS, THROUGH AIR GAP OR TO A SINK DRAIN TAILPIECE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELBOWS, TEES, DROPS, AND MISCELLANEOUS PIPING DUE TO ELEVATION CHANGES, OBSTRUCTIONS, COORDINATION WITH OTHER TRADES, ETC. TO INSTALL A COMPLETE, FUNCTIONING, PLUMBING SYSTEM.

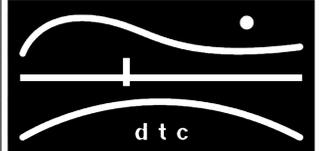
SYMBOL	DESCRIPTION
	SOIL OR WASTE ABOVE FLOOR OR GRADE
	SOIL OR WASTE BELOW FLOOR OR GRADE
	VENT PIPING
	COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	HOT WATER SUPPLY
	HOT WATER RETURN
	GAS PIPING
	PIPING DIRECTION OF FLOW
	HT - HEAT TRACED & INSULATED PIPE
	PIPING RISER UP
	PIPING RISER DOWN
	BRANCH/BOTTOM CONNECTION
	TRAP
	BALL VALVE
	BUTTERFLY VALVE
	CHECK VALVE
	UNION
	CAP ON END OF PIPE
	GAS COCK
	GAS PRESSURE REGULATOR
	GAS SOLENOID VALVE
	POINT OF CONNECTION
	POINT OF DISCONNECT
	THERMOSTATIC MIXING VALVE
	PRESSURE REDUCING VALVE
	CONTROL VALVE
	CLEANOUT/WALL CLEANOUT
	BALANCING VALVE

BB	BASEBOARD CLEANOUT
CO	CONNECT TO EXISTING
CW	COLD WATER
HW	HOT WATER
HZ	HERTZ
IN	INCH
GPM	GALLONS PER MINUTE
MAX	MAXIMUM
MIN	MINIMUM
PH	PHASE
PRV	PRESSURE REDUCING VALVE
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
W	WASTE
WCO	WALL CLEANOUT

- NOTES BELOW ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.
- CONTRACTOR SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE NATURE AND SCOPE OF WORK REQUIRED BY CONTRACT DOCUMENTS PRIOR TO BIDDING PROJECT.
- PROVIDE ALL REQUIRED MATERIALS, LABOR, EQUIPMENT, AND SERVICES NECESSARY FOR THE INSTALLATION OF THE WORK AS SHOWN ON THESE DRAWINGS OR SPECIFIED BY THE BASE BUILDING DRAWING AND SPECIFICATIONS.
- REFER TO AND CAREFULLY CHECK ARCHITECTURAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS AND DETAILS, NOTES, LOCATIONS WHERE WALLS, PARTITIONS, CEILINGS, AND OTHER SURFACES ARE FURRED, LOCATIONS OF SHAFTS, SOFFITS, AND CONFLICTS WITH WORK OF OTHER TRADES, AND ARRANGE WORK ACCORDINGLY. FURNISH ALL OFFSETS, DAMPERS, CONNECTORS, ETC., REQUIRED TO MEET SUCH CONDITIONS.
- DUE TO SCALE OF DRAWINGS, ALL REQUIRED OFFSETS, DAMPERS, ETC., MAY NOT BE INDICATED.
- COORDINATE DIFFUSERS LOCATIONS AND DUCT WITH LIGHTING FIXTURES AND SPRINKLER HEADS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DETAILS OF PARTITIONS, SUSPENDED CEILINGS, AND SOFFITS.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING CODES.
- THE TERM 'PROVIDE' SHALL MEAN 'TO FURNISH, INSTALL, AND CONNECT COMPLETELY'.
- TURN OVER TO THE OWNER ALL MANUFACTURER'S WARRANTIES FOR EQUIPMENT AND MATERIALS PROVIDED.
- WHERE THE CONTRACTOR PROPOSES TO USE AN ITEM OF EQUIPMENT OTHER THAN THAT SPECIFIED OR DETAILED ON THE DRAWINGS WHICH REQUIRES ANY REDESIGN OF THE STRUCTURE, PARTITIONS, FOUNDATIONS, PIPING, WIRING OR ANY OTHER PART OF THE MECHANICAL, ELECTRICAL OR ARCHITECTURAL LAYOUT, ALL SUCH REDESIGN AND ALL NEW DRAWINGS AND DETAILING REQUIRED THEREFORE, SHALL BE PREPARED AT THE CONTRACTOR'S EXPENSE AND ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE OWNER OR HIS AUTHORIZED REPRESENTATIVE. OWNER RESERVES THE RIGHT TO HAVE THE ARCHITECT OR ENGINEER OF HIS CHOICE PREPARE ANY REDESIGN WORK.
- CONTRACTOR SHALL COORDINATE ELECTRICAL REQUIREMENTS OF MECHANICAL EQUIPMENT WITH DIVISION 26.
- ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.
- BEFORE SELECTING MATERIAL AND EQUIPMENT, AND PROCESSING THE WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY AND CHECK NEEDED SPACE FOR PLACEMENT AND CLEARANCES.
- BEFORE CUTTING AND DRILLING INTO BUILDING ELEMENTS, INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.
- CONTRACTOR RESPONSIBLE FOR REPAIR AND PAYMENT FOR ALL UTILITIES DAMAGE DURING CONSTRUCTION.
- CONTRACTOR TO CONFIRM DUCTWORK LOCATIONS, ELEVATIONS AND SIZES BEFORE ANY WORK IS STARTED. IF ANY DISCREPANCIES ARE FOUND, NOTIFY ENGINEER BEFORE PROCEEDING WITH WORK. (SEE PAR. 48 'COORDINATION DRAWINGS')
- FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF PROVIDED EQUIPMENT.
- ALL SHOP DRAWINGS OF INDIVIDUAL COMPONENTS ARE TO BE SUBMITTED AS A COMPLETE PACKAGE.
- HVAC DRAWINGS DO NOT NECESSARY SHOW ALL CONDITIONS OF BUILDING. CONTRACTOR TO USE ALL DRAWINGS AND SPECIFICATIONS OF CONTRACT DOCUMENTS AND INSPECTION OF FIELD CONDITIONS FOR DIVISION 23.
- HVAC PLANS, DETAILS AND ONE LINE DIAGRAMS SHOW THE GENERAL LOCATION AND ARRANGEMENT OF THE SYSTEM. THESE ARE DIAGRAMMATIC AND DO NOT SHOW ALL OFFSETS, HANGERS, ACCESS DOORS, ETC. WHICH THE CONTRACTOR MUST PROVIDE TO COMPLETE THE SYSTEM.
- ALL WORK IN INTERIOR FINISHED SPACES EXCEPT INDICATED IS TO BE CONCEALED ABOVE CEILING. PROVIDE ALL NECESSARY CUTTING, PATCHING, REPAINTING AND/OR REPLACEMENT OF FINISHES AS REQUIRED TO PERFORM COORDINATE WITH OTHER DIVISIONS).
- IF MANUFACTURER OF EQUIPMENT REQUIRES LARGER CAPACITY CIRCUITRY AND/OR EQUIPMENT THE CONTRACTOR SHALL PROVIDE SUCH CAPACITY AND/OR EQUIPMENT UNDER THIS CONTRACT AT NO COST TO THE OWNER.
- SUPPORT DUCTWORK ABOVE SUSPENDED CEILING FROM CONSTRUCTION ABOVE AS CLOSE AS POSSIBLE TO BOTTOM OF SLABS, BEAMS, MAINTAINING HEADROOM AT ALL TIMES.
- DO NOT SCALE DRAWINGS. CHECK EXISTING SPACE CONDITIONS AT THE JOB SITE.
- DO NOT PENETRATE STAIR WALLS WITH ANY UTILITIES OR CONDUIT EXCEPT FOR UTILITIES SPECIFICALLY SERVING THAT STAIR.
- GENERAL CONTRACTOR PROVIDE ALL CONTROL DEVICES, EQUIPMENT, ACCESSORIES, VFD DRIVES, OTHER APPARATUS, CONTROL VALVES AND DAMPERS, ACTUATORS, SENSORS, ETC. AND ALL CONTROL WIRING.
- ALL DUCTWORK SHALL BE HUNG FROM STRUCTURE ABOVE.
- PROVIDE FLEXIBLE JOINTS ON ALL PIPING AND DUCTWORK WHERE PENETRATING ALL BUILDING EXPANSION JOINTS.
- PROVIDE FLEXIBLE CONNECTIONS BETWEEN MECHANICAL EQUIPMENT AND DUCTWORK AND PIPING.
- PROVIDE MINIMUM OF 3' DUCT LINEAR AT EACH FAN-COIL UNIT BRANCH DUCT UNIT CONNECTION AND DUCT LINER FOR DUCT FROM FAN-COIL UNIT TO SUPPLY DIFFUSERS (SEE DETAILS).
- PROVIDE VOLUME DAMPERS ON ALL BRANCHES OF DUCTWORK (SUPPLY, RETURN, EXHAUST).
- PROVIDE FLEXIBLE DUCTWORK CONNECTION TO ALL CEILING SUPPLY DIFFUSERS. (MAXIMUM 3'-0" LONG).
- ALL PENETRATIONS THRU WALLS, ROOF, AND FLOORS TO BE COORDINATED BEFORE SITE WORK EXECUTION WITH STRUCTURAL ENGINEERS.
- THERMOSTAT AND TEMPERATURE SENSOR LOCATIONS TO BE COORDINATED WITH INTERIOR WALL LAYOUT, REFER TO ARCHITECTURAL PLANS.
- CEILING DIFFUSER AND REGISTER LOCATIONS TO BE COORDINATED WITH CEILING GRID, LIGHTING & SPRINKLER LAYOUT. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
- NO THREADED FITTINGS 2-1/2" AND LARGER ALLOWED FOR HYDRONIC HVAC PIPING.
- CONTRACTOR SHALL SELECT AND PROVIDE EXPANSION JOINTS OR EXPANSION LOOPS AND ANCHORS AS REQUIRED TO PREVENT TEMPERATURE EXPANSION STRESSES OF HYDRONIC PIPES BASED ON ACTUAL INSTALLATION/CONDITIONS.
- ELECTRICAL CHARACTERISTICS FOR MECHANICAL EQUIPMENT: EQUIPMENT OF HIGHER ELECTRICAL CHARACTERISTICS MAY BE FURNISHED PROVIDED SUCH PROPOSED EQUIPMENT IS APPROVED IN WRITING AND CONNECTING ELECTRICAL SERVICES, CIRCUIT BREAKERS, AND CONDUIT SIZES ARE APPROPRIATELY MODIFIED. IF MINIMUM ENERGY RATINGS OR EFFICIENCIES ARE SPECIFIED, EQUIPMENT SHALL COMPLY WITH REQUIREMENTS.
- ALL SUPPLY, RETURN, TRANSFER, AND EXHAUST DUCTWORK EXPOSED IN A ROOM WITH NO CEILING (EXCEPT ELECTRICAL AND MECHANICAL ROOMS) SHALL BE DOUBLE WALL INSULATED DUCTWORK WITH PERFORATED INNER LINER.
- SHOP DRAWINGS: DETAIL MAJOR ELEMENTS, COMPONENTS, AND SYSTEM PF MECHANICAL EQUIPMENT AND MATERIALS IN RELATIONSHIPS WITH OTHER SYSTEMS, INSTALLATIONS, AND BUILDING COMPONENTS. SHOW SPACE REQUIREMENTS FOR INSTALLATION AND ACCESS. INDICATE IF SEQUENCE AND COORDINATION ARE IMPORTANT TO EFFICIENT FLOW OF THE WORK. INCLUDE THE FOLLOWING.
 - PLANNED PIPING LAYOUT, INCLUDING VALVE AND SPECIALTY LOCATIONS AND VALVE-STEM MOVEMENT.
 - CLEARANCES FOR INSTALLING AND MAINTAINING INSULATION.
 - CLEARANCES FOR SERVING AND MAINTAINING EQUIPMENT, ACCESSORIES, AND SPECIALTIES, INCLUDING SPACE FOR DISASSEMBLY REQUIRED BY PERIODIC MAINTENANCE.
 - EQUIPMENT AND ACCESSORY SERVICE CONNECTIONS AND SUPPORT DETAILS.
 - EXTERIOR WALL AND FOUNDATION PENETRATIONS.
 - SIZES AND LOCATION OF REQUIRED CONCRETE PADS AND BASES.
 - FLOOR PLANS, ELEVATIONS, AND DETAILS TO INDICATE PENETRATIONS, FLOORS, WALLS, AND CEILINGS AND THEIR RELATIONSHIP TO OTHER PENETRATIONS AND INSTALLATIONS.
 - SCALE: MINIMUM 1/4"=1'-0" FOR FLOOR PLAN, 3/8"=1'-0" FOR MECHANICAL ROOMS.
- CONTRACTOR TO PROVIDE ALL CONTROL DEVICES, EQUIPMENT, ACCESSORIES, OTHER APPARATUS, CONTROL VALVES AND DAMPERS, ACTUATORS, SENSORS, ETC. AND ALL CONTROL WIRING AND LOW VOLTAGE POWER WIRING.

NOTES:

REVISIONS



DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06518
203 239 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

Cmars Engineering, LLC
STRUCTURES FOUNDATIONS INVESTIGATIONS
58 Orchard Hill Road, Branford, CT 06405
Tel 203-483-8789 Fax 203-483-8285

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

MECHANICAL & PLUMBING GENERAL NOTES

DTC PROJECT NUMBER: 13-449-002

DTC DRAWING FILE:

SCALE: 1/4"=1.0

DRAWN BY: RWF

DATE: 10/17/2014

CHECKED BY: RCN

SHEET:

MP-001

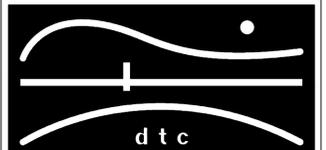
NOTE: SOME SYMBOLS AND ABBREVIATIONS MAY OR MAY NOT APPEAR ON THE DRAWINGS.

NOTES:

GENERAL NOTES:

- ① 3/4" UP TO BASEBOARD HEATING
- ② 3/4" DN TO BASEBOARD HEATING
- ③ HWS&R DOWN TO BOILER
- ④ HWS&R DN TO DISTRIBUTION PIPING

REVISIONS



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 2321 WHITNEY AVE. HAMDEN CT 06518
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MECHANICAL GROUND,
 FIRST & SECOND FLOOR
 PLANS

DTC PROJECT NUMBER: 13-449-002

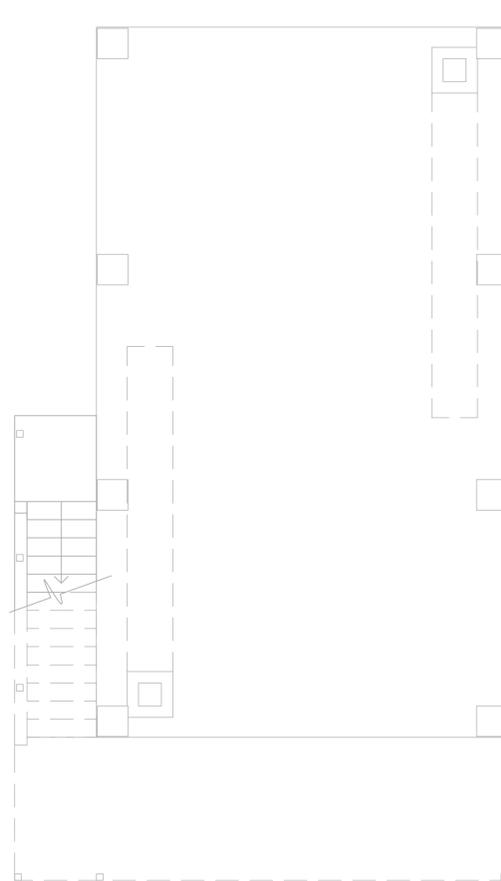
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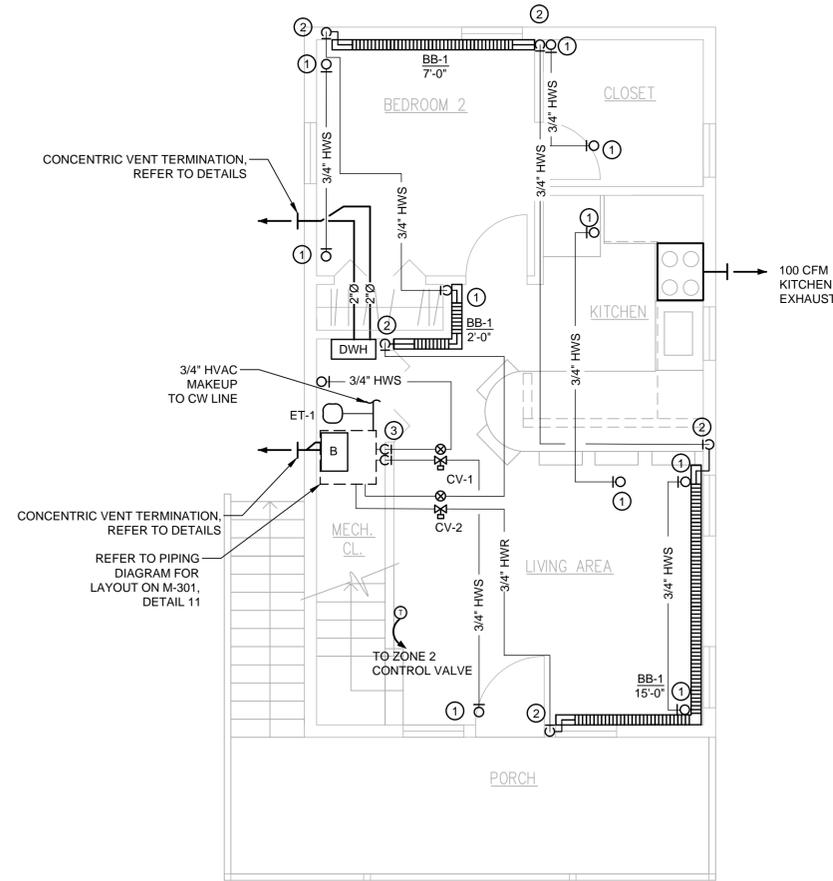
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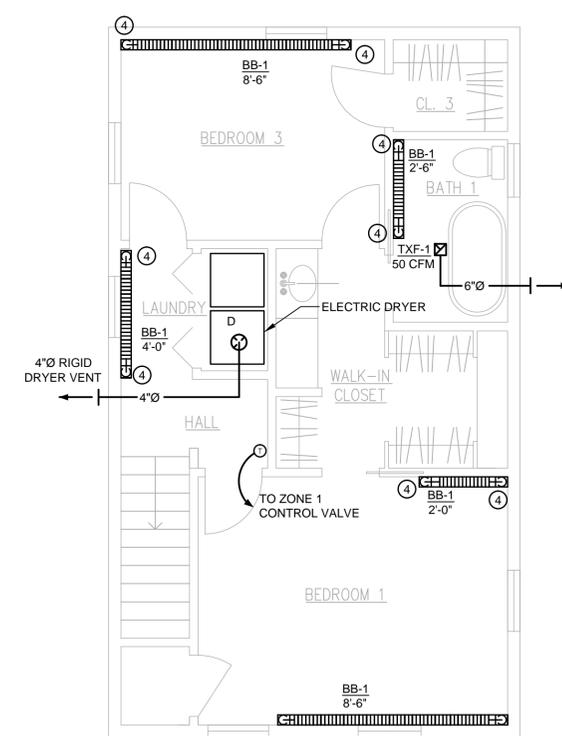
M-100



1 GROUND FLOOR PLAN
 SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN
 SCALE: 1/4" = 1'-0"



3 SECOND FLOOR PLAN
 SCALE: 1/4" = 1'-0"



NOTES:

GENERAL NOTES:

- ① LAV: 1/2" H&CW, 1-1/2" W DN, 1-1/2" V RISE
- ② WM: 3/4" H&CW, 2" W DN, 1-1/2" V RISE
- ③ WC: 3/4" CW, 4" SAN DN, 2" V RISE
- ④ BT: 3/4" H&CW, 2" W DN, 1-1/2" V RISE
- ⑤ KS: 3/4" H&CW DN, 2" W DN, 1-1/2" V RISE
- ⑥ RG: 3/4" GAS

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2321 WHITNEY AVE. HAMDEN CT 06518
203 239 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

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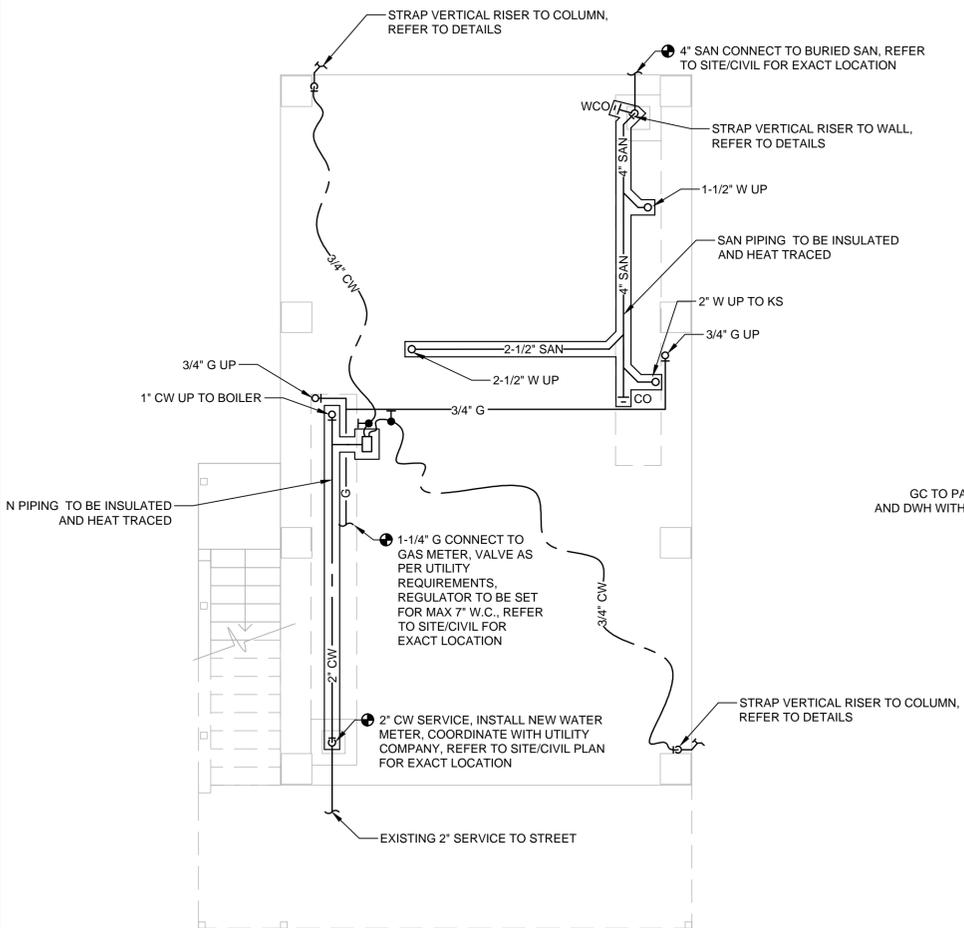
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APPLICATION NO. 1310

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GUILFORD, CT

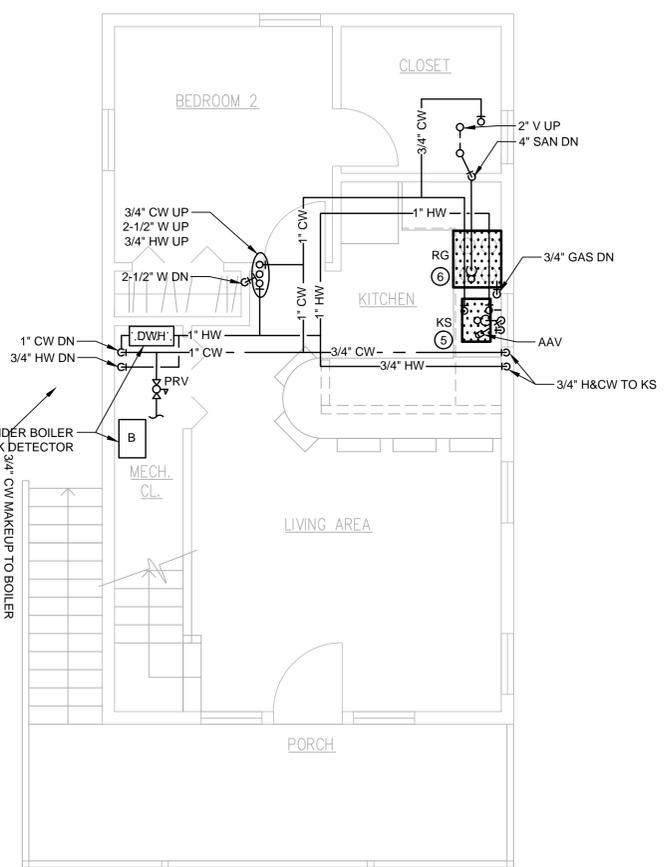
PLUMBING GROUND,
FIRST & SECOND FLOOR
PLANS

DTC PROJECT NUMBER: 13-449-002	
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DATE: 10/17/2014	CHECKED BY: RCN

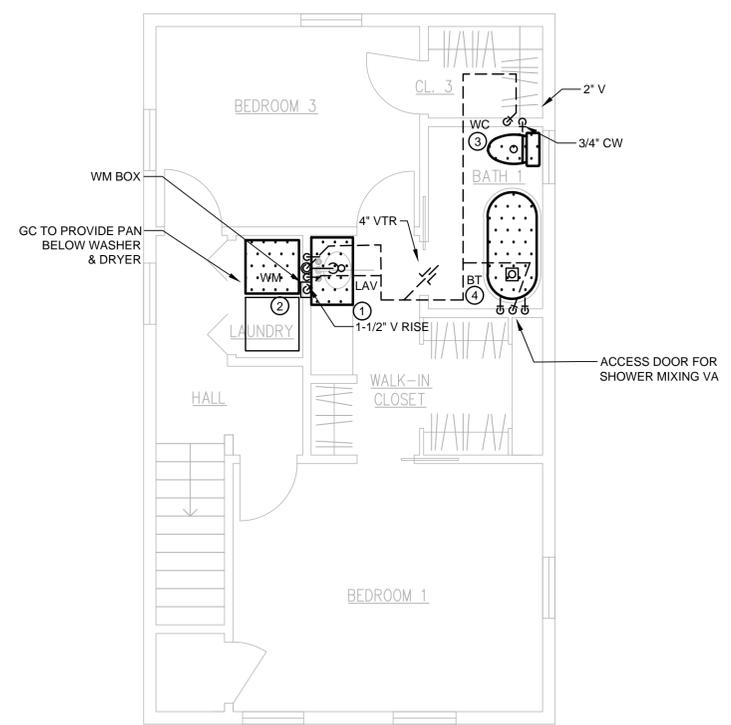
SHEET:
P-100



1 GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0"
0 4 8 16'



2 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"
0 4 8 16'



3 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"
0 4 8 16'

Oct 21, 2014 - 3:27pm
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 RWF

DOMESTIC HOT WATER HEATER SCHEDULE													
MARK	MANUFACTURER	MODEL	FUEL TYPE	FLOW RATE (GPM)	WATER TEMP. RISE (°F)	WATER PRESSURE (PSI)	GAS CONSUMPTION (CFH)	GAS PRESSURE MIN/MAX (IN. WC)	VENT/INTAKE	WEIGHT	ELECTRIC		REMARKS
											VOLTAGE/PH/HZ	AMPS	
DWH	NAVIEN	NPE-240A	NATURAL GAS	5.1	75	15-150	200	3.5/10.5	2" PVC	82 LBS	120/1/60	2	INCLUDE CONCENTRIC VENT TERMINATION KIT

NOTES: 1. DISCONNECTS AND STARTERS BY DIVISION 26.
2. CONCENTRIC VENT TERMINATION KIT AS PER MANUFACTURER.

FAN SCHEDULE						
MARK	MANUFACTURER	MODEL	CFM	SP	WATTS	REMARKS
TXF-1	BROAN	XB-80L	80	.1" w.c.	6.0	INTERLOCK WITH BATHROOM LIGHT SWITCH

NOTES: CONSTANT 20 CFM SWITCH TO 100 CFM MAX.

FINNED TUBE RADIATION SCHEDULE									
UNIT	MANUFACTURER	MODEL	FIN SIZE (IN)	FINS / LF	ROWS	TUBE SIZE	BTUH / LF	COVER DEPTH / HEIGHT (IN)	REMARKS
BB-1	SLANT FIN	MULTIPAK 80 H-3	2.75x2.5	55	1	3/4"	410	3.5/8.875	

NOTES: BASEBOARD IS DERATED TO 140F AWT(F).

EXPANSION TANKS SCHEDULE							
SYMBOL	SERVICE	MANUFACTURER	MODEL	TYPE	VOLUME (GALS.)	ACCEPTANCE (GALS.)	REMARKS
ET-1	B-1	AMTROL	EX-30	DIAPHRAGM	4.4	2.5	

HOT WATER BOILERS SCHEDULE														
UNIT	MANUFACTURER	MODEL	BOILER DATA				EWT(F)	LWT(F)	VENT	ELECTICAL			REMARKS	
			TYPE	INPUT (MBH)	NAT. GAS (CFH)	MIN/MAX GAS PRESSURE (IN WC)				OUTPUT (MBH)	HZ	VOLT		PH
B	UTICA BOILERS	UBSSC-050	CONDENSING	50	50	3.0/13.5	46	120	160	2"	60	120	1	INCLUDE CENTRAL HEATING PUMP, WALL MOUNT BRACKET, AND CONCENTRIC VENT TERMINATION KIT

NOTES: 1. BOILER TO HAVE OUTDOOR AIR RESET AS PER MANUFACTURER.
2. DISCONNECTS AND STARTERS BY DIVISION 26.
3. CONCENTRIC VENT TERMINATION KIT AS PER MANUFACTURER.

AIR SEPARATOR SCHEDULE					
SYMBOL	LOCATION	SERVICE	MANUFACTURER	MODEL	REMARKS
AS-1	MECHANICAL CLOSET	BOILER	TACO	49-100	

PUMP SCHEDULE										
UNIT	MANUFACTURER	MODEL	SERVICE	MAX GPM	HEAD FT.	RPM	MAX WORKING PRESSURE (PSI)	ELECTRICAL		REMARKS / ACCESSORIES
								V/HZ/PH	HP	
P-1	TACO	0013	BOILER	34	33	3250	125	115/60/1	1/6	

TYPE	VALVE SPECIFICATION										MATERIAL										PRESSURE										LOCATIONS									
	FIG. NO. MILWAUKEE	FIG. NO. HOMESTEAD	FIG. NO. WATTS	SIZE	O.S.&Y.	N.R.S.	FLANGED	SCREWED	SOLDER	BRASS	BRONZE	I.B.B.M.	ALL IRON	CAST STEEL	HOSE END	175# WWP	200# WWP	250# WWP	300# WWP	400# WWP	500# WWP	600# WWP	960# WWP	GAS	C.W. 4" & UP	C.W. 3" & DN	C.W. 2" & DN	HW HWC 4" & UP	HW HWC 3" & DN	HW HWC 2" & DN	REQ. AT EQUIP	SUMP DISCH.	EJECT. DISCH.	D.W. D.W.C.						
BALL VALVES	BA-100	-	-	1/4"-2"																																				
	BA-150	-	-	1/4"-2"																																				
GLOBE & ANGLE VALVES	502	-	-	1/8"-3"																																				
	1590T	-	-	3/8"-3"																																				
	595T	-	-	1/8"-3"																																				
CHECK VALVES	F-2981	-	-	2"-10"																																				
	F-2974	-	-	2"-12"																																				
	2974	-	-	2"-12"																																				
PLUG VALVES	510T	-	-	1/4"-2"																																				
	1509	-	-	3/8"-3"																																				
	-	611	-	1/2"-6"																																				
PRESSURE REDUCING VALVES	-	611	-	1"-4"																																				
	-	612	-	1"-8"																																				
	-	-	LF25AUB	1/2"-2"																																				

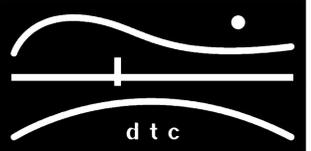
PLUMBING FIXTURE/EQUIPMENT SCHEDULE				
SYMBOL	MARK	MFR	MODEL	DESCRIPTION
	BT	KOHLER	STERLING ACCORD	ONE-PIECE RECESS BATH W/ INTEGRAL APRON, W/END DRAIN OUTLET. NOMINAL DIMENSIONS: 60" X 32" X 74". 2" CAST BRASS DRAIN WITH CHROME PLATED STRAINER; 1.5 GPM TEMPTROL SHOWER WITH PRESSURE BALANCING MIXING VALVE, INTEGRAL CHECK STOPS, SHOWER HEAD ANCHOR PLATE AND LEVER HANDLE. SOLID SURFACE, 3 PIECE SHOWER WALL KIT & CURTAIN ROD. COLOR AND MODEL SPECIFIED BY OWNER.
	HB	WOODFORD	26 METAL HANDLE	CAST BRASS, CHROME FINISH, LOOSE KEY, ANTI-SIPHON ASSE RATED VACUUM BREAKER, TRIMLINE WALL HYDRANT w/1/2" INLET.
	TMV	LAWLER	SERIES 66	THERMOSTATIC MIXING VALVE- WATER HEATERS, 1" INLETS, 1-1/4" OUTLET.
	WC	KOHLER	K3658-RA-0 HIGHLINE COMFORT HEIGHT	VITREOUS CHINA, FLOOR SET, TANK TYPE WATER CLOSET. ELONGATED BOWL, 1.28 GPF.
	-	RAYCHEM	8XL1	120V, 1 Ø, 60 HZ, 8W/FT WITH A MAXIMUM LENGTH OF 115 FT, MAXIMUM OPERATING TEMP OF 150F.
	LAV FAUCET	SWAN SYMMONS	CHESAPEAKE CH1B2237 S-20-2-FR LEVER HANDLE 1.5 GPM FLOW	SOLID SURFACE MOLDED VANITY TOP, w/OVERFLOW, INTEGRAL BOWL & BACKSPASH; 4"CENTERS, 1-1/4" P-TRAP SET, SUPPLIES AND STOPS; SIZE INDICATED ON DRAWINGS, COLOR PER ARCHITECT. 4"CENTERSET CHROME FAUCET WITH STANDARD LEVER HANDLE, POP-UP DRAIN 1.5 GPM FLOW RESTRICTOR, VANDAL RESISTANT.
	KS FAUCET	ELKAY	LR2225 S-23-2-SM LEVER HANDLE 1.0 GPM FLOW	KITCHEN SINK; 18 GAUGE, TYPE 316 STAINLESS STEEL, 22"x25" LONG X 8" DEEP, TWO-HOLE FAUCET DRILLING, WITH LKAD-35 BASKET STRAINER, TAILPIECE ASSEMBLY; 8" SINGLE LEVER HANDLE, SINK MOUNTED FAUCET. GARBAGE DISPOSAL EVOLUTION BATCH FEED GARBAGE DISPOSAL, STAINLESS STEEL GRIND CHAMBER, INSINKERATOR GD MAGNETIC COVER START, 2-STAGE MULTIGRID, SOUND SEAL; 3/4HP, 120V/1PH, POWER CORD w/3 PRONG PLUG.
	WSH	SYMMONS	W-602-X	LAUDRY-MATE AUTOMATIC WASHING MACHINE VALVE WITH SUPPLY & DRAIN FIXTURE, 1/2" SWEAT UNION ELL CONNECTIONS & 2" DRAIN CONNECTIONS. FURNISH & INSTALL DRAIN PANS UNDER WASHER.
	WM	GE	GTWN4250DWS	3.9 CU. FT HIGH EFFICIENCY TOP LOAD WASHER, ENERGY STAR CERTIFIED, 27" WIDE, 42" HEIGHT, 120 V, 10 A, STAINLESS STEEL WASHER TUB, 150 LBS, WHITE.
	RANGE	AMANA	AGR5630BDW	5.0 CU. FT GAS RANGE WITH SELF CLEANING OVEN, 2 OVEN RACKS, 30 IN RANGE, DEEL RECESSED COOKTOP SURFACE, ENERGY STAR CERTIFIED, WITH BROILER, BUILT IN CLOCK, BUILT IN TIMER, CONTROL LOCKOUT, DIGITAL DISPLAY, INTERIOR LIGHT, LOWER STORAGE DOOR AND OVER WINDOW, WHITE.
	PRV	WATTS	LF25AUB-Z3	PRESSURE REDUCING VALVE WITH EPDM DIAPHRAGM, BRONZE BODY AND INTEGRAL STAINLESS STEEL STRAINER.

FIXTURE CONNECTION SCHEDULE					
MARK	DESCRIPTION	MINIMUM PIPE SIZES (INCHES)			
		CW	HW	W	V
WC	WATER CLOSET	3/8	-	3	2
LAV	LAVATORY	3/8	1/2	1-1/2	1-1/2
KS	KITCHEN SINK	1/2	1/2	1-1/2	1-1/2
BT	BATH TUB WITH SHOWER	1/2	1/2	1-1/2	1-1/2
HB	HOSE BIBB	1/2	-	-	-
WM	WASHING MACHINE	1/2	1/2	2	1-1/2
DWH	DOMESTIC WATER HEATER	3/4	3/4	-	2"

MATERIAL SCHEDULE											
SYSTEMS	PIPE					FITTING		JOINTS		NO-HUB (HUSKY # 400)	
	REQUIRED	C.I.	STL. SCHED.40	BLACK IRON	GALVANIZED	C.T. "L"	PEX	C.I. NO-HUB FITTINGS	SOLDER FITTINGS		WELDED
SANITARY											
VENTS											
C.W. DISTRIBUTION											
HOSE BIBB BRANCH PIPING											
H.W.											
GAS											

NOTES:

REVISIONS



DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06518
203 239 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

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58 Orchard Hill Road, Branford, CT 06405
Tel 203-483-8789 Fax 203-483-8285

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

MECHANICAL & PLUMBING SCHEDULES & DETAILS

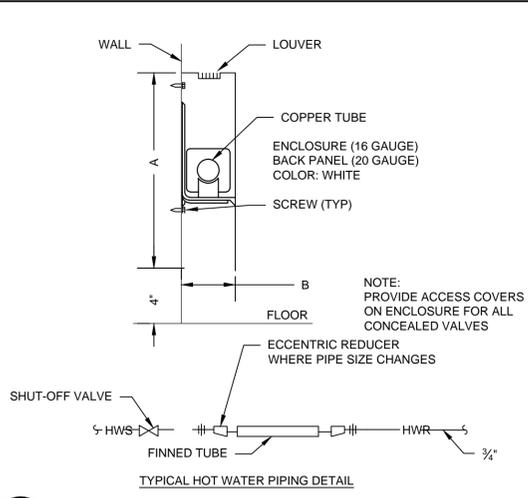
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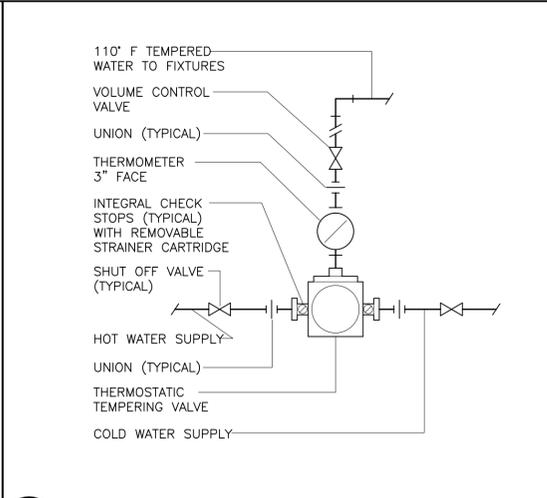
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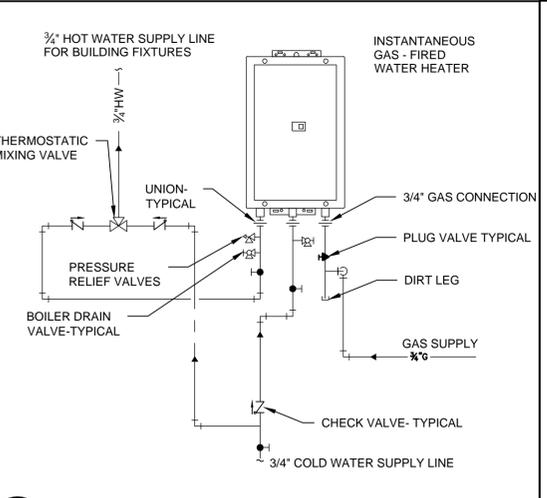
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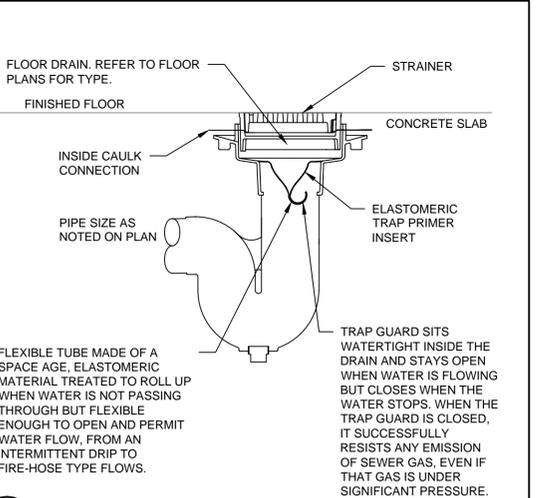
1 FINNED TUBE RADIATION DETAIL
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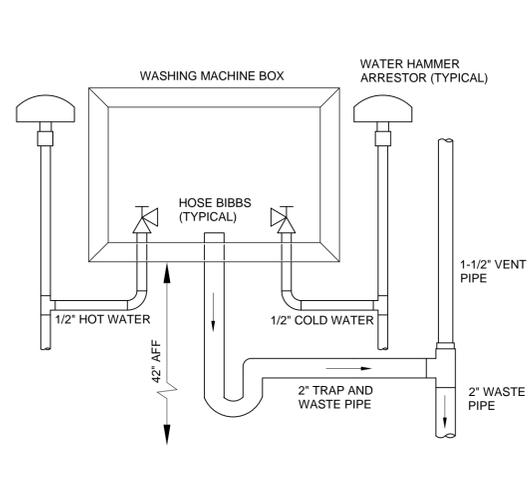
2 TEMPERING VALVE ASSEMBLY DETAIL
MP301 NOT TO SCALE



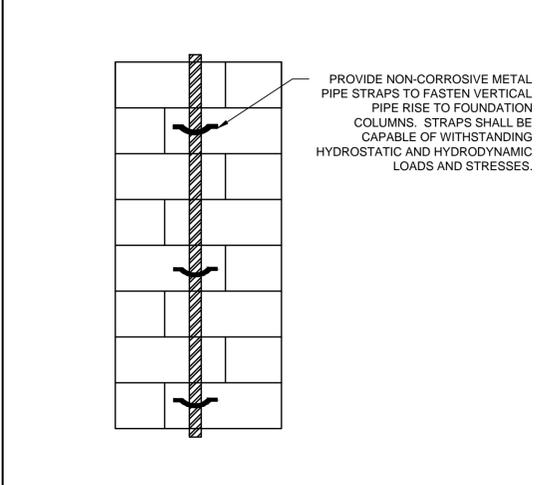
3 TANKLESS WATER HEATER PIPING DETAIL
MP301 NOT TO SCALE



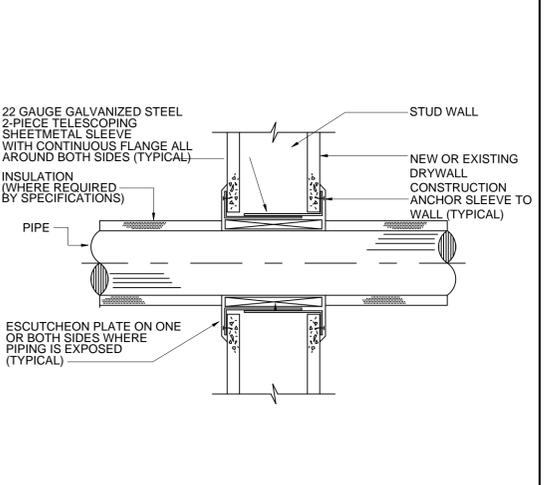
4 TRAP SAVER DETAIL
MP301 NOT TO SCALE



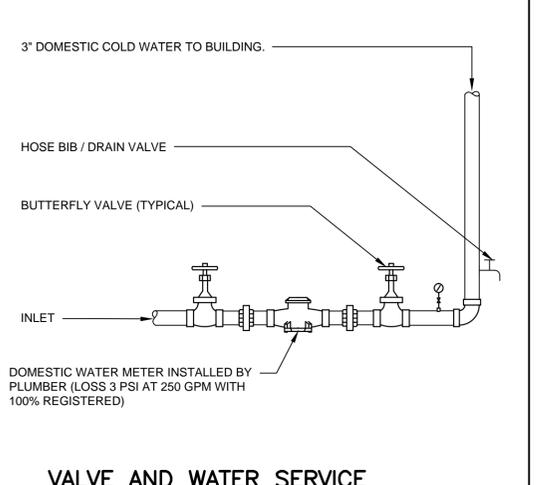
5 WASHING MACHINE BOX DETAIL
MP301 NOT TO SCALE



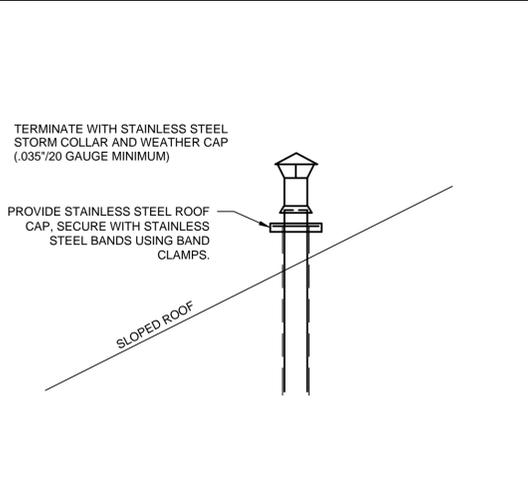
6 FLOOD RESISTANT STRAPPING DETAIL
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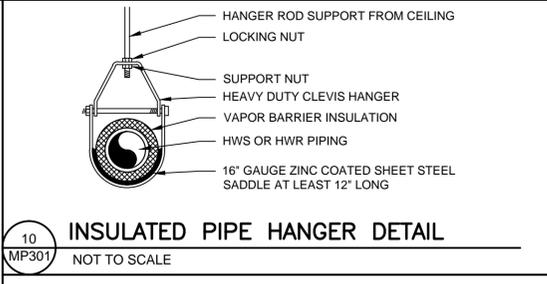
7 WALL/FLOOR PENETRATION DETAIL
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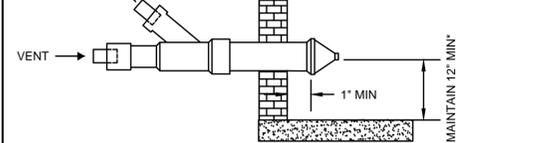
8 VALVE AND WATER SERVICE ENTRANCE DETAIL
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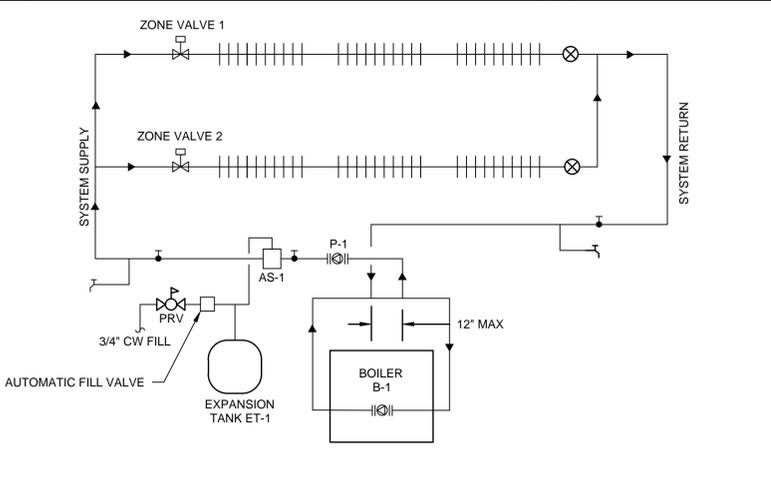
9 VENT TERMINATION DETAIL
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10 INSULATED PIPE HANGER DETAIL
MP301 NOT TO SCALE



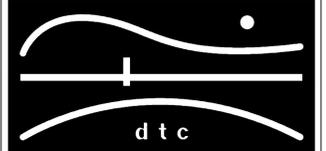
10 SIDEWALL CONCENTRIC VENT DETAIL
MP301 NOT TO SCALE



11 HOT WATER BOILER PIPING DETAIL
M301 NOT TO SCALE

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MP-301

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ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	RECESSED PANELBOARD
	BRANCH CIRCUIT POWER WIRING
	BRANCH CIRCUIT HOME RUN
	SWITCHED WIRING
	RECEPTACLE OUTLET FOR DRYER
	DUPLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET WITH GROUND-FAULT CIRCUIT-INTERRUPTER
	DUPLEX RECEPTACLE OUTLET WITH GROUND-FAULT CIRCUIT-INTERRUPTER MOUNTED ABOVE COUNTER
	DUPLEX RECEPTACLE OUTLET WITH GROUND-FAULT CIRCUIT-INTERRUPTER AND IN WEATHERPROOF ENCLOSURE
	DUPLEX RECEPTACLE OUTLET MOUNTED ABOVE COUNTER FOR MICROWAVE OVEN
	DUPLEX RECEPTACLE OUTLET FOR REFRIGERATOR
	DUPLEX RECEPTACLE OUTLET FOR WASHING MACHINE
	CILING MOUNTED DUPLEX RECEPTACLE WITH GROUND-FAULT CIRCUIT-INTERRUPTER
	WALL MOUNTED JUNCTION BOX
	MOTOR, SEE SCHEDULE ON DWG E-001
	SURFACE MOUNTED LIGHTING FIXTURE
	WALL MOUNTED LIGHTING FIXTURE
	COMBINATION FAN AND LIGHT FIXTURE
	RECESSED DOWNLIGHT
	PENDANT MOUNTED LIGHTING FIXTURE
	SINGLE POLE SWITCH
	DIMMABLE SINGLE POLE SWITCH
	SINGLE POLE SWITCH IN WEATHERPROOF ENCLOSURE
	THREE WAY SWITCH
	THREE WAY SWITCH IN WEATHERPROOF ENCLOSURE
	UTILITY METER
	MULTI-STATION SMOKE DETECTOR
	MULTI-STATION HEAT DETECTOR
	MULTI-STATION COMBINATION SMOKE/CARBON MONOXIDE DETECTOR
	WALL MOUNTED TELEPHONE OUTLET
	CATV OUTLET

ELECTRICAL ABBREVIATIONS

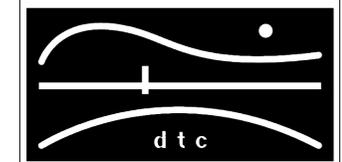
ABBREVIATIONS	DESCRIPTION
A	AMPERES
AC	AMOR CLAD
AHJ	AUTHORITY HAVING JURISDICTION
AFF	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CATV	CABLE TV
CFL	COMPACT FLUORESCENT
CU	COPPER
DR	DRYER
DWG	DRAWING
EX	EXISTING TO REMAIN
FLA	FULL LOAD AMPS
GFI	GROUND-FAULT CIRCUIT-INTERRUPTER
HP	HORSEPOWER
J	JUNCTION
KV	KILOVOLT AMPERE
KVA	KILOVOLT AMPERE
LED	LIGHT EMITTING DIODE
M	METER
MC	METAL CLAD
MCA	MINIMUM CIRCUIT AMPACITY
MW	MICROWAVE OVEN
NEC	NATIONAL ELECTRIC CODE
NECA	NATIONAL ELECTRICAL CONTRACTORS ASSOC.
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NM/NM-B	NONMETALLIC SHEATHED
N.T.S.	NOT TO SCALE
OCP	OVERCURRENT PROTECTION
P	POLE
PVC	POLYVINYL CHLORIDE
REF	REFRIGERATOR
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORY
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPERES
W	WATTS
WM	WASHING MACHINE
WP	WEATHERPROOF
#	NUMBER
'	FEET
"	INCHES

ELECTRICAL GENERAL NOTES

- UNLESS OTHERWISE INDICATED, FURNISH AND INSTALL A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR, AND EQUIPMENT.
- ELECTRICAL PLANS AND DETAILS, AND ONE LINE DIAGRAMS SHOW THE GENERAL LOCATION AND ARRANGEMENT OF THE ELECTRICAL SYSTEM. THEY ARE DIAGRAMMATIC AND DO NOT SHOW ALL CONDUIT BODIES, CONNECTORS, BENDS, FITTINGS, HANGERS, AND ADDITIONAL PULL AND JUNCTION BOXES WHICH THE CONTRACTOR MUST PROVIDE TO COMPLETE THE ELECTRICAL SYSTEM.
- FURNISH AND INSTALL A TEMPORARY ELECTRICAL SERVICE FOR ELECTRICAL POWER DURING CONSTRUCTION.
- ALL EQUIPMENT AND MATERIAL SHALL BE LABELED AND LISTED, AND INSTALLED IN ACCORDANCE WITH THEIR LISTING.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE GOVERNING AUTHORITIES.
- ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE GOVERNING AUTHORITIES.
- THE DEFINITION OF ELECTRICAL TERMS USED SHALL BE AS DEFINED IN THE 2011 EDITION OF THE NATIONAL ELECTRIC CODE (NEC).
- THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON CONTRACT DOCUMENTS (SPECIFICATIONS, DRAWINGS, AND RELATED ATTACHMENTS)".
- THE TERM "SIZE" SHALL MEAN ONE OR MORE OF THE FOLLOWING: "LENGTH, CURRENT AND VOLTAGE RATING, NUMBER OF POLES, NEMA SIZE, AND OTHER SIMILAR ELECTRICAL CHARACTERISTICS".
- ELECTRICAL PLANS AND DETAILS DO NOT SHOW ALL INTERFERENCES AND CONDITIONS, VISIBLE AND/OR HIDDEN, THAT MAY EXIST; THUS REQUIRING THE CONTRACTOR TO INSPECT AND SURVEY THE SPACE BEFORE PERFORMING THE WORK.
- COORDINATE ELECTRICAL WORK WITH OWNER.
- COORDINATE ELECTRICAL WORK WITH OTHER DIVISIONS OF THIS PROJECT.
- BEFORE SELECTING MATERIAL AND EQUIPMENT, AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR PLACEMENT, CLEARANCES AND INTERCONNECTIONS.
- BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) ANS/NFPA 70 2011 EDITION.
- TYPICAL MOUNTING HEIGHTS OF DEVICES SHALL COMPLY NECA 1-2010.
- PENETRATIONS THROUGH GROUND SLAB SHALL BE SEALED WITH POLYURETHANE SEALANT TYPICAL FOR ALL PENETRATIONS.
- FURNISH AND INSTALL MEANS OF DISCONNECTION FOR ALL MOTORIZED EQUIPMENT AND APPLIANCES IN ACCORDANCE WITH NEC.

NOTES:

REVISIONS



DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06518
203 239 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

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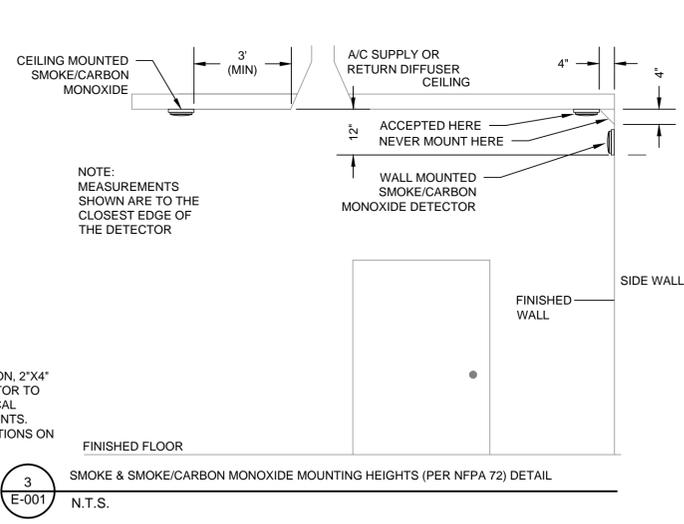
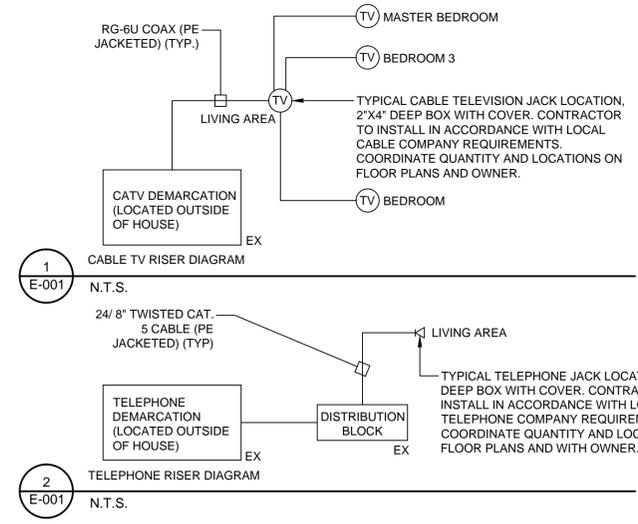
ELECTRICAL GENERAL NOTES, LEGENDS & ABBREVIATIONS

DTC PROJECT NUMBER: 13-449-002
DTC DRAWING FILE:
SCALE: NONE DRAWN BY: WM
DATE: 10/17/2014 CHECKED BY: JP

E-001

DRAWING LIST

SHEET	NAME
E-001	ELECTRICAL GENERAL NOTES, LEGENDS AND ABBREVIATIONS
E-100	ELECTRICAL GROUND, FIRST AND SECOND FLOOR PLANS



LIGHT FIXTURE SCHEDULE

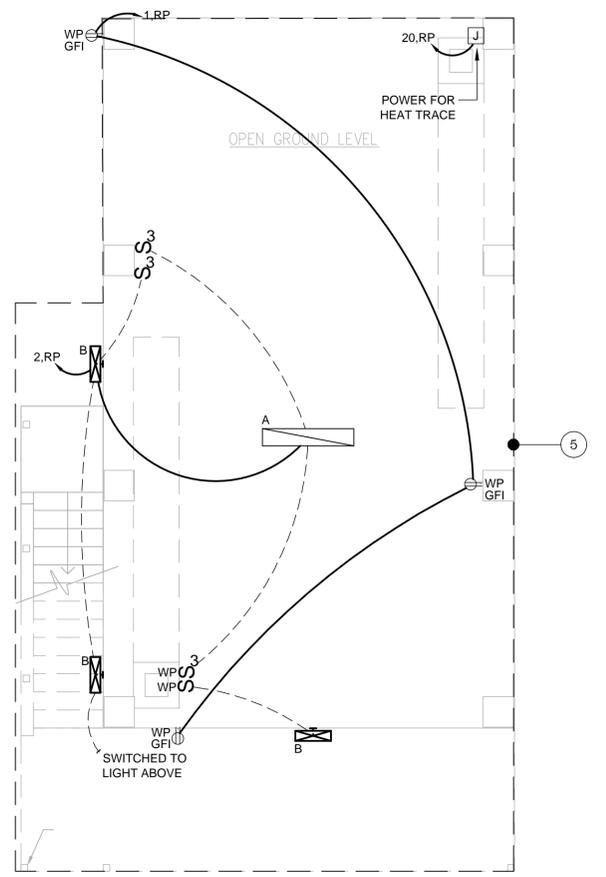
TYPE	BASE OF DESIGN	DESCRIPTION	VOLTAGE	LAMPS	REMARKS
A	COLUMBIA LIGHTING LXEM-4-35ML-RFA-EU	SURFACE MOUNTED LIGHTING FIXTURE, WET LOCATION LISTED, ENERGY STAR RATED AND RESISTANT TO SALT SPARY	120V	53W LED	1,2,3,4
B	LITHONIA LIGHTING OWP342F120	EXTERIOR WALL MOUNTED LIGHTING FIXTURE, WET LOCATION LISTED, ENERGY STAR RATED, AND CONTROLLED BY INTEGRAL PHOTO SENSOR.	120V	42W CFL	1,2,3,4
C	LITHONIA LIGHTING 6BPMW LED	6" RECESSED DOWNLIGHT WITH MATTE WHITE FINISH, ALUMINUM DIE CAST REFLECTOR, DIFFUSED LENS, AND 3000K COLOR TEMPERATURE AND ENERGY STAR RATED.	120V	8.9W LED	1,2,3,4
D	HAMPTON BAY 55296	COMBINATION CEILING FAN AND LIGHTING FIXTURE WITH 3-SPEED REVERSIBLE BLADES, INTEGRAL FLUORESCENT LIGHTING FIXTURE, REMOTE CONTROL, AND ENERGY STAR RATED.	120V	(2) 13W CFL	1,2,3,4
F	LITHONIA LIGHTING MDPB (BULLET PENDANT) MDPD (CYLINDER PENDANT)	ENERGY STAR RATED LED MINI PENDANT FITTER. OWNER TO SPECIFY BULLET OR CYLINDER FITTER, BRONZE OR POLISHED NICKEL FINISH, AND DECORATIVE SHADE.	120V	9W LED	1,2,3,4
G	COMMERCIAL ELECTRIC HU18011L-2	ENERGY STAR RATED LED SURFACE MOUNTED LIGHTING FIXTURE WITH BRUSHED NICKEL FINISH AND FROSTED GLASS SHADE.	120V	17W LED	1,2,3,4
H	SEA GULL LIGHTING 49065BLE-962	ENERGY STAR RATED 2' LIGHT VANITY FIXTURE WITH WHITE GLASS SHADES AND BRUSHED NICKEL FINISH.	120V	(2) 13W CFL	1,2,3,4
J	LITHONIA LIGHTING 3260RE	ENERGY STAR RATED 2' LINEAR FLUORESCENT FIXTURE WITH DURABLE, WHITE ACRYLIC DIFFUSER AND RESIDENTIAL GRADE ELECTRONIC BALLAST	120V	(2) 32W T8	1,2,3,4

- NOTES:
- ALL NECESSARY MOUNTING HARDWARE, HANGERS, BRACKETS, STEMS, CHAINS, ETC. SHALL BE PROVIDED.
 - REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS, ARRANGEMENTS, EXACT LOCATIONS, CEILING HEIGHTS, ETC. ALL COLORS AND FINISHES SHALL BE VERIFIED BY THE OWNER.
 - FIXTURES SHALL BE SEISMICALLY SUPPORTED AS REQUIRED BY THE CONNECTICUT STATE BUILDING CODE.
 - FIXTURES SHOWN ARE FOR BASIS OF DESIGN ONLY. CONTRACTOR SHALL MEET THE CRITERIA OF THE FIXTURES SHOWN IN THE DESCRIPTIONS ABOVE.

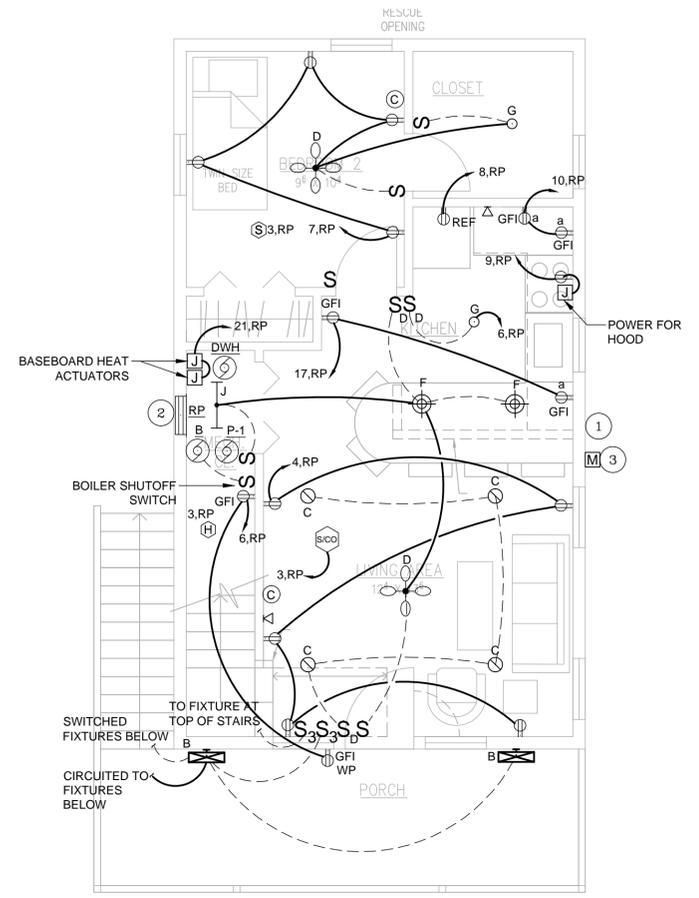
FEEDER SCHEDULE

INDOOR BRANCH CIRCUITS	CIRCUIT OR OVERCURRENT RATING 2 POLE	OUTDOOR BRANCH CIRCUITS	CIRCUIT OR OVERCURRENT RATING 2 POLE	SIZE CONDUIT
2#14&1#14G.	15A	2#12&1#12G.	15A	3/4"
2#12&1#12G.	20A	2#12&1#12G.	20A	3/4"
2#10&1#10G.	30A	2#10&1#10G.	30A	3/4"
2#8&1#10G.	40A	2#8&1#10G.	40A	3/4"
2#6&1#10G.	50A	2#6&1#10G.	50A	1"
SERVICE		3#1&1#6G.	100A	1-1/2"

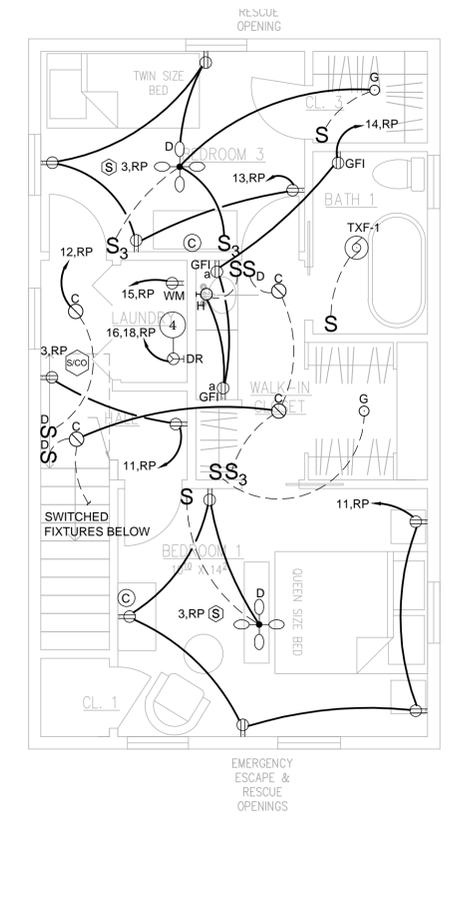
- NOTES
- ALL BRANCH CIRCUIT USED INDOORS SHALL BE WIRED WITH NONMETALLIC SHEATHED CABLE (ROMEX), U.O.N.
 - ALL SMOKE, HEAT AND COMBINATION SMOKE/CARBON MONOXIDE DETECTORS SHALL BE WIRED WITH AC CABLE.



1 GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



3 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- ALL CIRCUITS ON THIS DRAWING SHALL BE SIZED #12, #12G AND SHALL BE CONNECTED TO NEW 20A-1P CIRCUIT BREAKER IN SOURCE PANEL, U.O.N.
- ALL 120VAC BRANCH CIRCUITS EXCEEDING 100' IN LENGTH SHALL BE INCREASED TO 2#10, #10G UNLESS OTHERWISE NOTED.
- REFER TO DWG E-001 FOR SYMBOL LEGEND, ABBREVIATIONS, AND LIGHTING FIXTURE SCHEDULE.
- IF 2011 NEC REQUIRED GROUNDING IS NOT PRESENT ON EXISTING OUTLETS TO BE REPLACED, THE REPLACEMENT OUTLETS SHALL BE GFI TYPE, OR PROPER GROUNDING SHALL BE PROVIDED VIA ANOTHER METHOD ACCEPTABLE TO AHJ.
- ALL BRANCH CIRCUIT USED INDOORS SHALL BE WIRED WITH NM CABLE U.O.N. REFER TO FEEDER SCHEDULE ON DRAWING E-001 FOR SIZING.
- ALL EQUIPMENT AND DEVICES LOCATED OUTDOORS SHALL BE CIRCUITED WITH CONDUIT AND WIRING. REFER TO FEEDER SCHEDULE ON DWG E-001 FOR SIZING.
- CONTRACTOR SHALL CUT, PATCH AND PAINT ALL EXISTING AREAS THAT ARE AFFECTED BY NEW CONSTRUCTION.
- ALL SMOKE, HEAT AND COMBINATION SMOKE/CARBON MONOXIDE DETECTORS SHALL BE WIRED TOGETHER WITH AC CABLE AND METAL OUTLET BOX.
- ALL 125-VOLT 15 AND 20 AMP RECEPTACLES LOCATED AT 5 1/2' AFF OR BELOW SHALL BE TAMPER RESISTANT.

ELECTRICAL KEYNOTES

- DISCONNECT, CUT TO PROPER LENGTH AND RE-CONNECT TELEPHONE AND CABLE TV SERVICE ENTRANCE WIRING TO ACCOMMODATE LIFTING OF HOUSE. EQUIPMENT SHALL BE ABOVE THE 500 YEAR FLOOD PLANE. COORDINATE ALL WORK, INCLUDING SERVICE ENTRANCE EQUIPMENT MOUNTING HEIGHTS WITH ASSOCIATED UTILITY COMPANIES.
- PROVIDE 100A, 240/120V ELECTRICAL PANEL. PROVIDE NEW SERVICE GROUNDING ELECTRODE CONDUCTORS AND CONNECTIONS PER NEC ARTICLE 250.
- DISCONNECT, CUT TO PROPER LENGTH AND RE-CONNECT SERVICE ENTRANCE THROUGH WEATHERHEAD TO METER TO ACCOMMODATE LIFTING OF HOUSE. EQUIPMENT SHALL BE ABOVE THE 500 YEAR FLOOD PLANE. COORDINATE ALL WORK, INCLUDING CONFIRMING PROPER MOUNTING HEIGHT OF METER, WITH THE UTILITY COMPANY. PROVIDE 100 AMP RATED SERVICE ENTRANCE WIRING FROM METER TO NEW PANEL LOCATION.
- PROVIDE NEMA 10-30R RECEPTACLE FOR DRYER.
- PVC CONDUIT AND WIRING SHALL BE USED FOR ALL DEVICES IN LOCATED IN THE BASEMENT.

MOTOR CIRCUIT SCHEDULE

EQUIPMENT	SOURCE PANEL	OCP DEVICE	BRANCH CIRCUIT	DISC SW	STARTER	LOAD				REMARKS
						HP/KW	FLA	MCA	PH VOLT	
B	19,RP	20A-1P	2#12, #12G	STOL	DIV. 23				1 120V	1,2,3,4
DWH	19,RP	20A-1P	2#12, #12G	STOL	DIV. 23		2A		1 120V	1,2,3,4
P-1	19,RP	20A-1P	2#12, #12G	STOL	DIV. 23	1/6 HP			1 120V	1,2,3,4
TXF-1	14,RP	20A-1P	2#12, #12G	STOL	DIV. 23	4.9W			1 120V	1,2,3,4

- NOTES**
- PROVIDE STOL -THERMAL OVERLOAD SWITCH. STOL SHALL BE NEMA 1 RATED.
 - OVERCURRENT PROTECTIVE DEVICE SHALL BE MOLDED CASE CIRCUIT BREAKER U.O.N.
 - REFER TO ELECTRICAL AND MECHANICAL PLANS FOR EQUIPMENT LOCATIONS, STARTERS AND DISCONNECTS BY DIV 26 U.O.N.
 - UNIT SHALL BE WIRED WITH NM CABLE (ROMEX)

PANELBOARD RP

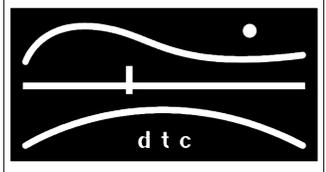
CLASS: ● Lighting
○ Distribution
BUS SIZE: 100A
VOLTAGE CLASS: 240/120V, 1 Ø .3W
SCR(FULLY RATED) 22 KAIC

SERATING NO MOUNTING RECESSED
CB TYPE 100A
FEEDER ENTRANCE TOP LOCATION MECH CLOSET

BREAKER	#	A	P	DESCRIPTION	PHASE LOAD - KVA			DESCRIPTION	BREAKER			
					LOAD	A	B		LOAD	A	P	#
	1	20	1	OUTDOOR RECPTS	0.54	0.78	0.24	OUTDOOR LIGHTING	20	1	2	
	3	20	1	DETECTORS	0.06		0.90	LIVING AREA RECPTS	20	1	4	
	5	20	1	1ST FLOOR LIGHTING	0.16	0.52	0.36	OUTDOOR RECEPTACLES	20	1	6	
	7	20	1	BEDROOM RECPT	0.75		1.20	REFRIGERATOR	20	1	8	
	9	20	1	STOVE AND HOOD	0.36	0.72	0.36	KITCHEN RECPTACLES	20	1	10	
	11	20	1	MASTERBEDROOM RECPTS	0.93		0.98	2ND FLOOR LIGHTING	20	1	12	
	13	20	1	BEDROOM 3 RECPTS	0.76	1.33	0.57	BATHROOM RECPTS, TXF-1	20	1	14	
	15	20	1	WASHING MACHINE	1.20		2.70	DRYER	30	2	16	
	17	20	1	KITCHEN RECEPTACLES	0.36	1.86	1.50		-	-	18	
	19	20	1	B, DWH, P-1	0.95		1.87	HEAT TRACE	20	1	20	
	21	20	1	BASEBOARD HEAT ACTUATORS	0.18	0.18	-	SPARE	20	1	22	
	23	20	1	SPARE	-	-	-	SPARE	20	1	24	
	25	20	1	SPARE	-	-	-	SPARE	20	1	26	
	27	20	1	SPARE	-	-	-	SPARE	20	1	28	
	29	20	1	SPARE	-	-	-	SPARE	20	1	30	
TOTAL LOAD PER PHASE:					5.4	8.5						
TOTAL LOAD ON PANEL:					13.84	KVA						

NOTES:

REVISIONS



DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVE. HAMDEN CT 06518
203 239 4200 203 234 7376 FAX

JOSEPH BERGIN Architect P.C.
28 MAIN STREET • P.O. BOX 255 ESSEX, CT 06426
PH. (860) 767-2765 FAX (866) 202-1327

Cmars Engineering, LLC
STRUCTURES FOUNDATIONS INVESTIGATIONS
58 Orchard Hill Road, Branford, CT 06405
Tel 203-483-8789 Fax 203-483-8285

OORR
APPLICATION NO. 1310

LESLIE RESIDENCE
24 MEADOW STREET
GUILFORD, CT

ELECTRICAL GROUND,
FIRST & SECOND
FLOOR PLANS

DTC PROJECT NUMBER: 13-449-002
DTC DRAWING FILE:

SCALE: 1/4"=1'-0" DRAWN BY: WM
DATE: 10/17/2014 CHECKED BY: JP

SHEET:
E-100