

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

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

OWNER-OCCUPIED REHABILITATION AND REBUILDING PROGRAM (OORR)

STORM SANDY RELIEF
GOVERNOR
DANNEL P. MALLOY

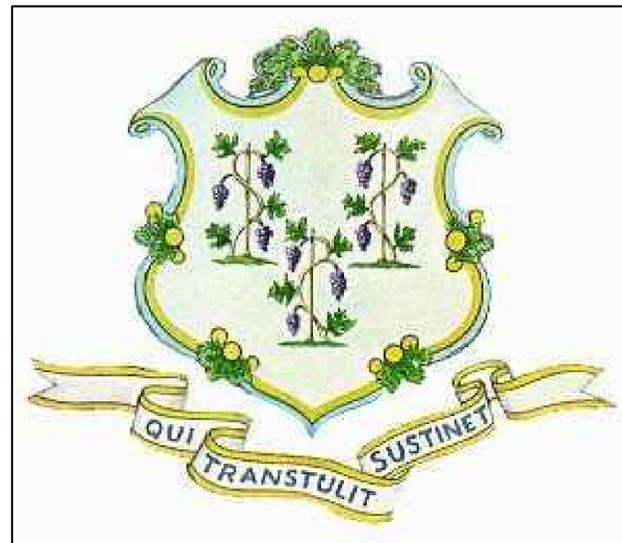
COMMISSIONER OF HOUSING
EVONNE M. KLEIN

APPLICATION NO. 1072
30 ELAINE RD.
MILFORD, CT 06460

JULY 2015



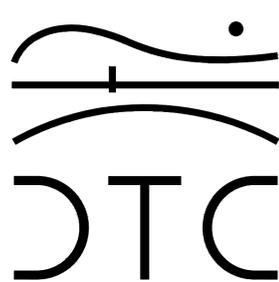
PROJECT LOCATION MAP
NTS



SHEET NO.	DRAWING TITLE
G-100	COVER SHEET
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S-301	SECTIONS & DETAILS
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P-100	PLUMBING FLOOR PLANS
MP-300	MECHANICAL & PLUMBING SCHEDULES & DETAILS
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E-001	ELECTRICAL NOTES, LEGENDS, ABBREVIATIONS, DETAILS & SCHEDULES
E-100	ELECTRICAL GROUND LEVEL & FIRST FLOOR PLANS

NOTES:

REVISIONS



2321 Whitney Avenue - Hamden Center II - Hamden CT 06518
Ph: 203 239 4200 Fax: 203 234 7376
www.teamdct.com

OORR
APPLICATION NO. 1072
KELLY RESIDENCE
30 ELAINE RD.
MILFORD, CT

COVER SHEET

DTC PROJECT NUMBER: 13-449-025
DTC DRAWING FILE:

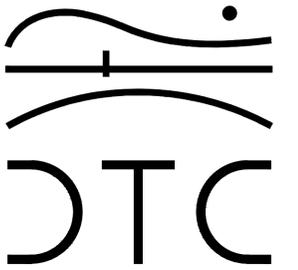
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DATE: JULY 2015	CHECKED BY:

SHEET:

G-100

NOTES:

REVISIONS



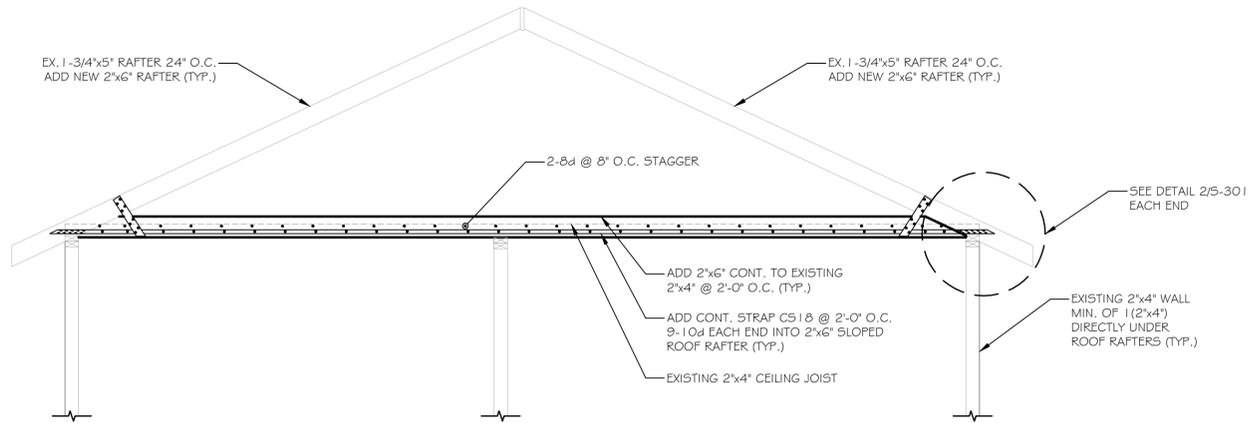
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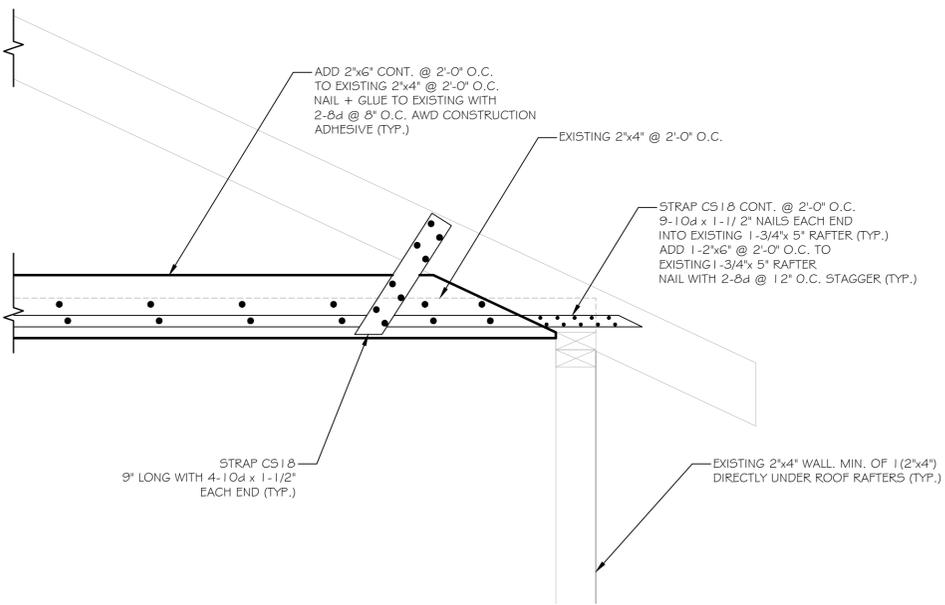
SECTIONS, & DETAILS

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DATE: JULY 2015	CHECKED BY: F.C

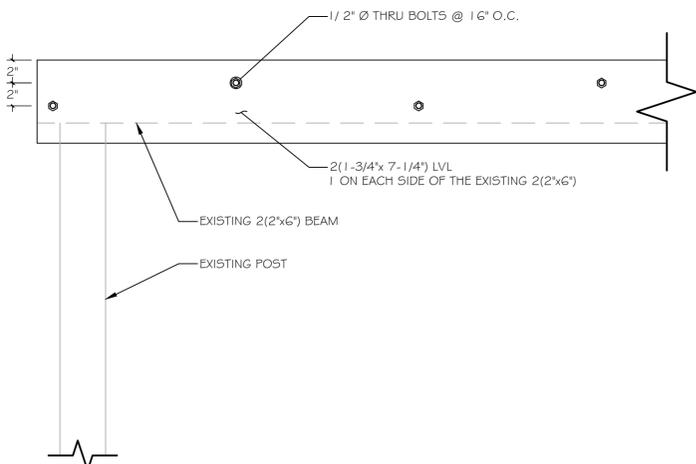
SHEET:
S-301



1 SECTION
5-301 SCALE: 1/2" = 1'-0"



2 SECTION
5-301 SCALE: 1-1/2" = 1'-0"



3 SECTION
5-301 SCALE: 1-1/2" = 1'-0"

ABBREVIATIONS

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

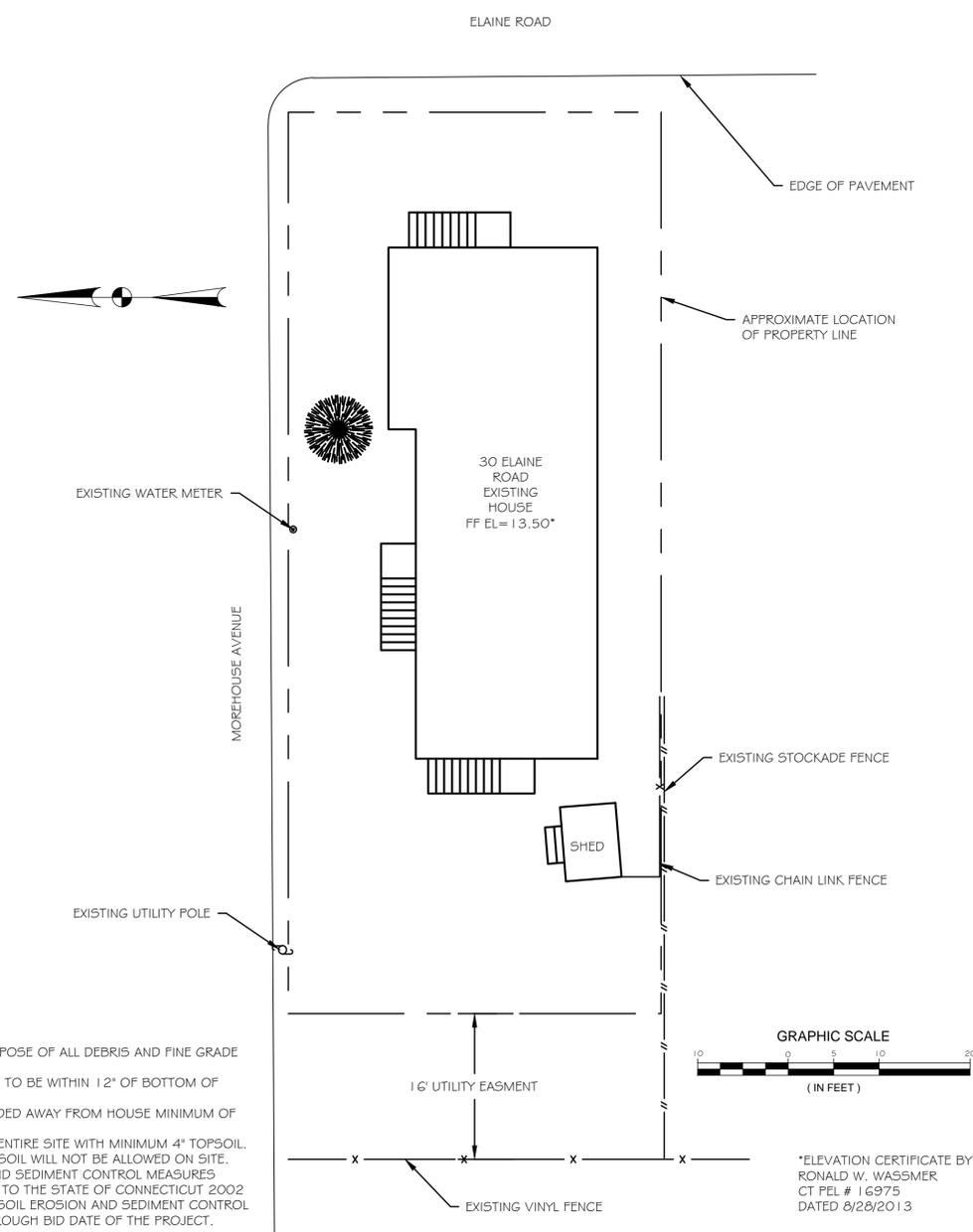
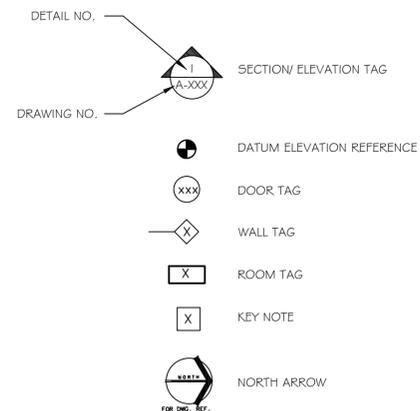
DEMOLITION NOTES

- CONTRACTOR SHALL PERFORM ALL OPERATIONS OF DEMOLITION AND REMOVAL INDICATED ON THE DRAWINGS AND AS MAY BE REQUIRED BY THE WORK ALL WORK SHALL BE DONE CAREFULLY AND NEATLY, IN A SYSTEMATIC MANNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL FROM THE BUILDING SITE ALL MATERIALS THAT MUST BE REMOVED TO COMPLETE THE PROJECT, CARE SHALL BE TAKEN TO PROTECT ALL EXISTING AREAS, BEAMS, PIPES, DUCTS, AND FINISHES THAT ARE NOT TO BE AFFECTED BY CONSTRUCTION OR DEMOLITION. DAMAGE TO EXISTING BUILDING ELEMENTS TO REMAIN SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS DURING THE COURSE OF THE DEMOLITION AND CONSTRUCTION TO MAINTAIN AND PROTECT INTERIOR EXISTING PARTITIONS, WALLS, CEILINGS, FLOORS, FIXTURES, ETC. TO REMAIN.
- ADJOINING PROPERTY AFFECTED BY ANY OPERATIONS OF DEMOLITION SHALL BE PROTECTED FROM DAMAGE BY CONSTRUCTION.

GENERAL NOTES

- 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 THE SAME TO THE ENGINEER.
- ALL USE TAX, SALES TAX AND ANY OTHER CHARGES RELATIVE TO 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.
- CONTRACTOR SHALL CONFIRM DIMENSIONS IN THE FIELD.
- THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE ENGINEER 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 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 THEIR OWN WORK AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES (PLUMBING, ELECTRICAL, ETC.)
- PLUMBING, MECHANICAL AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS APPROVALS.
- THE CONTRACTOR SHALL PERFORM ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO PERFORM ALL THE WORK AS MAY BE REQUIRED TO COMPLETE THE JOB.

DRAWING SYMBOLS



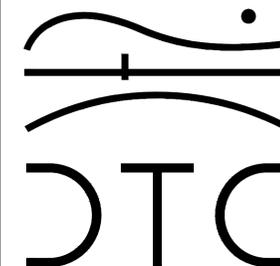
SITWORK NOTES:

- REMOVE AND DISPOSE OF ALL DEBRIS AND FINE GRADE SITE.
- GRADE AT HOUSE TO BE WITHIN 12" OF BOTTOM OF FLOOD VENTS.
- YARD TO BE GRADED AWAY FROM HOUSE MINIMUM OF 2% FOR 10'.
- LOAM AND SEED ENTIRE SITE WITH MINIMUM 4" TOPSOIL. STOCKPILING OF SOIL WILL NOT BE ALLOWED ON SITE.
- SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE STATE OF CONNECTICUT 2002 GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AS AMENDED THROUGH BID DATE OF THE PROJECT.

1 SITE PLAN
A-001 SCALE: 1" = 10'

NOTES:

REVISIONS



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ABBREVIATIONS,
DEMOLITION NOTES,
GENERAL NOTES,
SYMBOLS, & SITE PLAN

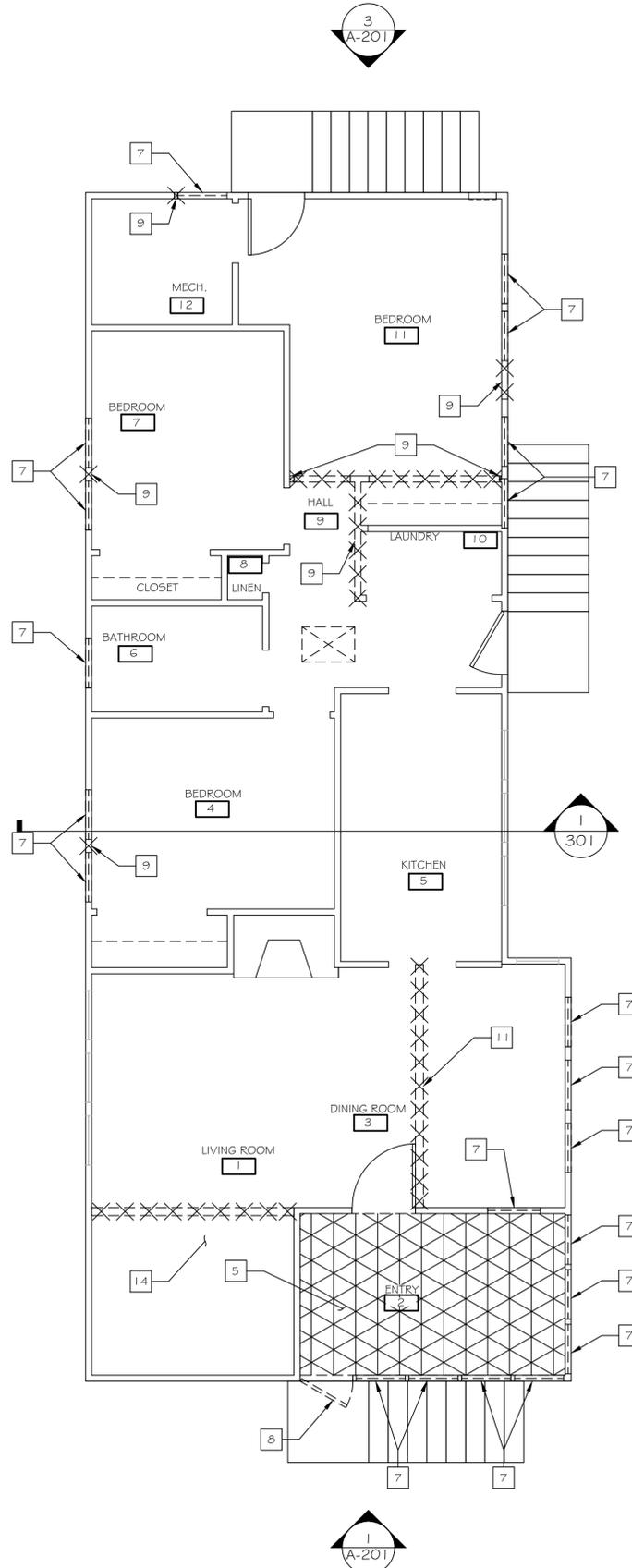
DTC PROJECT NUMBER: 13-449-025

DTC DRAWING FILE:

SCALE: N/A DRAWN BY: R.E.M.
DATE: JULY 2015 CHECKED BY: M.P.C.

SHEET:

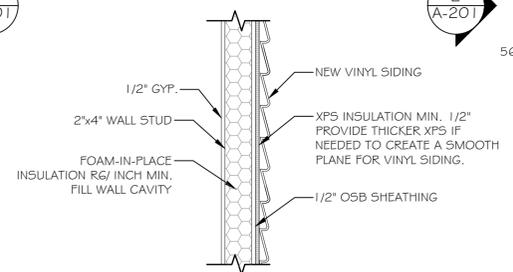
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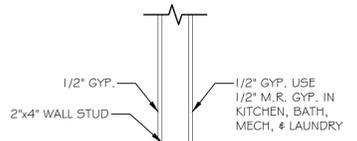
1 FIRST FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES

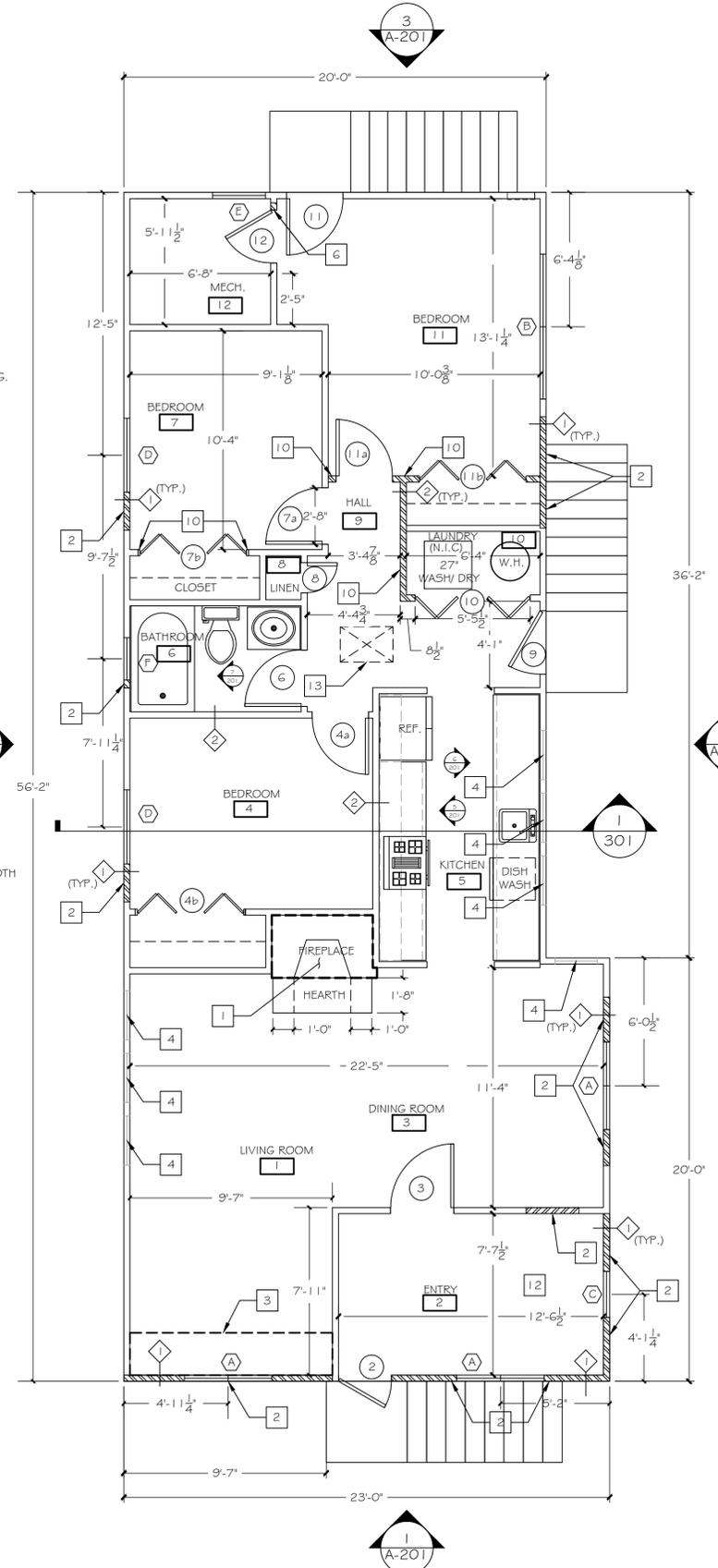
1. RE-POINT CHIMNEY FROM CRAWL SPACE TO TOP OF CHIMNEY. PROVIDE NEW MASONRY FLUE LINER. CONSTRUCT NEW HEARTH. RE-FRAME AROUND FIREPLACE TO PROVIDE 2" MIN. CLEARANCE TO COMBUSTIBLES. PROVIDE NEW HEARTH & HEARTH EXTENSION. MIN. 4" THICK CONC. REINFORCE TO SUPPORT ITS OWN WEIGHT. PROVIDE HEARTHSTONE. CLEAN PAINT OF STONE & MANTLE, & RE-PAINT.
2. FRAME EXTERIOR WALL, 2"x4" STUD, PROVIDE SHEATHING, & INSULATION BOARD TO MATCH EXISTING EXTERIOR WALL THICKNESS. PROVIDE WINDOW HEADER FOR NEW WINDOW WHERE APPLICABLE.
3. FRAME FLOOR OPENING W/ NEW FLOOR JOIST - 2"x10". INSTALL PLY. SUBFLOORING TO MATCH EXIST. SUBFLOOR THICKNESS - MIN. 3/4".
4. EXISTING VINYL REPLACEMENT WINDOW, PROVIDE NEW STOOL, & SILL. ENCAPSULATE LEAD PAINTED ELEMENTS WITH LIQUID ENCAPSULANT. PROVIDE NEW 5" PINE TRIM TO MATCH EXISTING TRIM, & FINISH. CLEAN EXISTING WINDOWS. REPLACE DAMAGED TRIM. FINISH-PTD.
5. REMOVE LEAD PAINTED WOOD FLOORING, WALL BOARDS, CEILING, & MISC. FRAMING. IT IS ASSUMED OLD PORCH MEMBERS IN WALL OPENING ARE LEAD PAINTED, & SHALL BE DISPOSED OF ACCORDINGLY.
6. RE-FRAME DOOR FOR NEW DOOR.
7. REMOVE EXISTING WINDOW, FRAME, & TRIM. REF. LEAD ABATEMENT SPECIFICATIONS.
8. REMOVE EXISTING DOOR, FRAME, & TRIM.
9. REMOVE PORTION OF WALL, AS NEEDED FOR RE-FRAMING NEW WALL OPENING.
10. PROVIDE NEW 2"x4" STUD WALL
11. DEMOLISH WOOD BEAM. REF. ASBESTOS ABATEMENT SPECIFICATION FOR REMOVAL OF ASBESTOS MATERIAL.
12. INSTALL NEW 3/4" OSB PLYWOOD SUBFLOORING, W/ SHEET VINYL FLOORING. FRAME WALLS, & PROVIDE NEW 1/2" OSB SHEATHING.
13. PROVIDE 20"x30" ATTIC SCUTTLE. INSULATE TO MATCH CEILING R VALUE. CONSTRUCT BAFFLE SURROUND IN ATTIC W/ 1/2" PLYWOOD TO MAINTAIN BLOWN IN INSULATION DEPTH ADJACENT TO SCUTTLE.
14. DEMOLISH CEILING, & 2"x4" STUD AT CEILING.



1 WALL TYPE
SCALE: 1" = 1'-0"



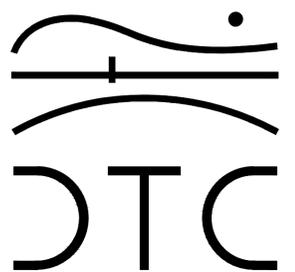
2 WALL TYPE
SCALE: 1" = 1'-0"



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

NOTES:

REVISIONS



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FLOOR PLANS

DTC PROJECT NUMBER: 13-449-025

DTC DRAWING FILE:

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

DRAWN BY: R.E.M

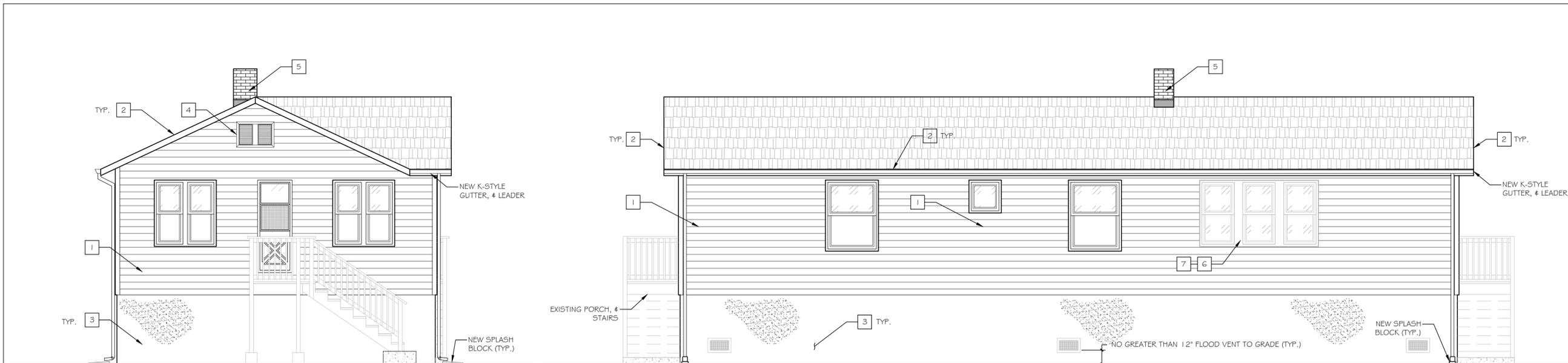
DATE: JULY 2015

CHECKED BY: M.P.C

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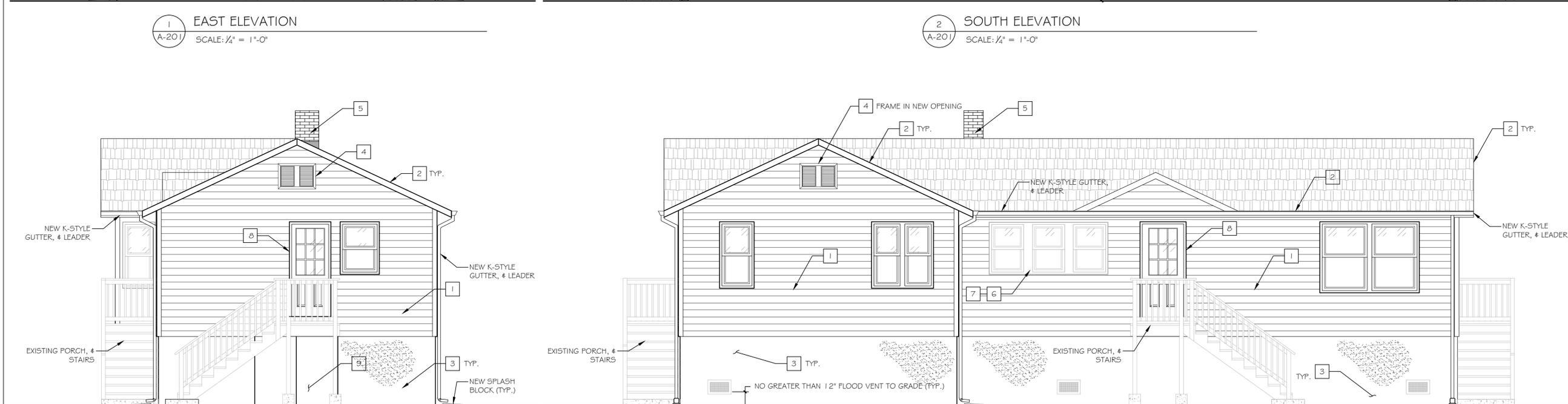
A-101





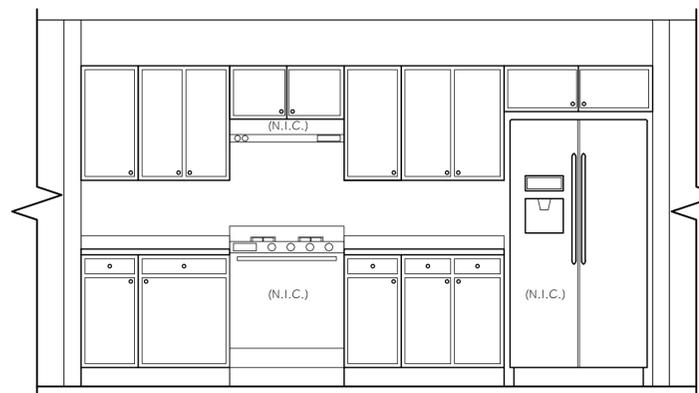
1 EAST ELEVATION
A-201 SCALE: 1/4" = 1'-0"

2 SOUTH ELEVATION
A-201 SCALE: 1/4" = 1'-0"

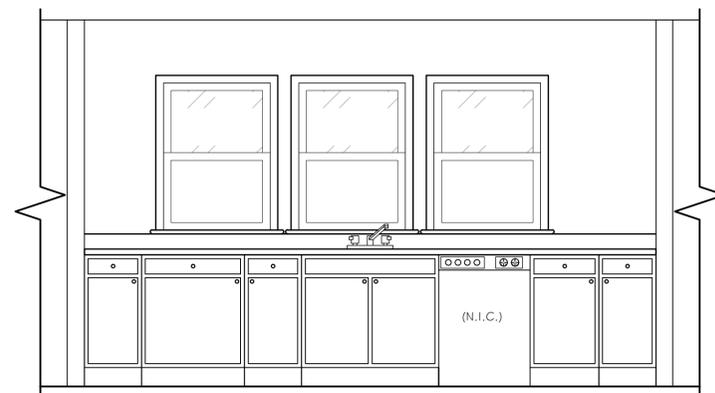


3 WEST ELEVATION
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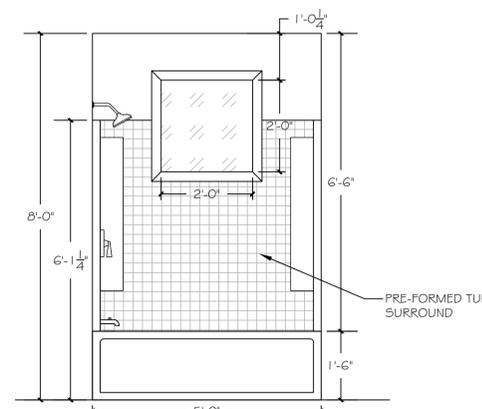
4 NORTH ELEVATION
A-201 SCALE: 1/4" = 1'-0"



5 KITCHEN ELEVATION SOUTH
A-201 SCALE: 1/2" = 1'-0"



6 KITCHEN ELEVATION NORTH
A-201 SCALE: 1/2" = 1'-0"



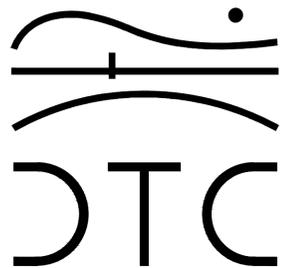
7 BATHROOM ELEVATION
A-201 SCALE: 1/2" = 1'-0"

KEY NOTES

1. REMOVE EXISTING ALUMINUM SIDING TO RED LEAD PAINTED WOOD SHINGLES. ENCAPSULATE LEAD PAINTED SHINGLES WITH 1/2" XPS, WEATHER BARRIER, & NEW SIDING. TYP. ENTIRE HOUSE.
2. NEW VENTED, VINYL SOFFITS, & BREAK METAL RAKE, & FASCIA TO ENCAPSULATE LEAD PAINTED SOFFITS, RAKE, & FASCIA. TYP. ALL SOFFITS, & RAKES. PROVIDE NEW FASCIA BOARDS WHERE MISSING. DRILL 2-2" Ø OPENING IN EACH RAFTER BAY TO ENABLE VENTILATION TO ATTIC SPACE AT EAVES.
3. PATCH VOIDS IN CONC. WALLS. PARGE FINISH CONC. WALL.
4. NEW GABLE END VENT. (2)- 12"x 18", 58 SQ. INCH FREE AREA EA. TRIM EACH WITH AZEK TRIM BOARD.
5. RE-POINT CHIMNEY, & PROVIDE NEW FLASHING/ COUNTER FLASHING AT ROOF.
6. ENCAPSULATE LEAD BASED PAINT WITH LEAD ENCAPSULATING PAINT. COORDINATE WORK WITH LEAD ABATEMENT SPECIFICATION.
7. REMOVE DAMAGED ALUM. TRIM & REPLACE.
8. TRIM DOOR TO MATCH NEW VINYL SIDING WITH AZEK TRIM BOARD.
9. PROVIDE 2 PANELS OF 3/4" P.T. PLYWOOD DOOR WITH 2"x4" P.T. FRAME OPENING W/ 2"x6" JAMB & HEAD. PROVIDE PAD LOCK LATCH, & 2 HINGES AT EACH PANEL.-GALV. STEEL

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ELEVATIONS

DTC PROJECT NUMBER: 13-449-025

DTC DRAWING FILE:

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

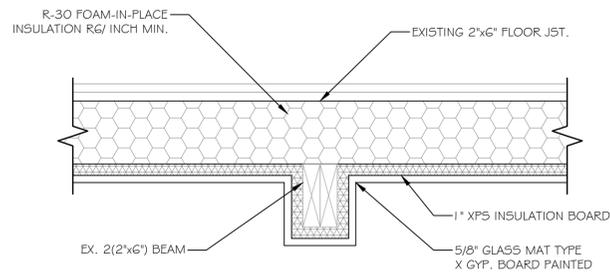
DRAWN BY: R.E.M

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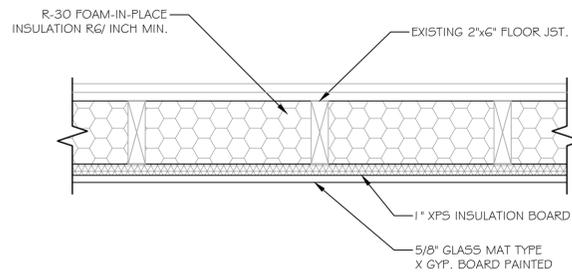
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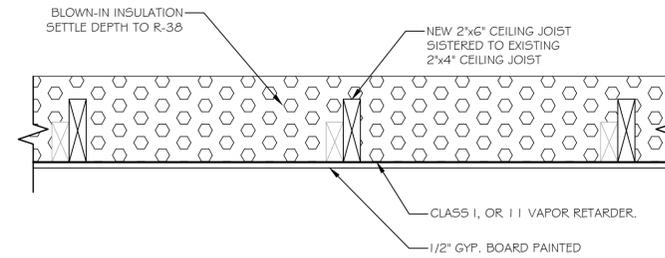
A-201



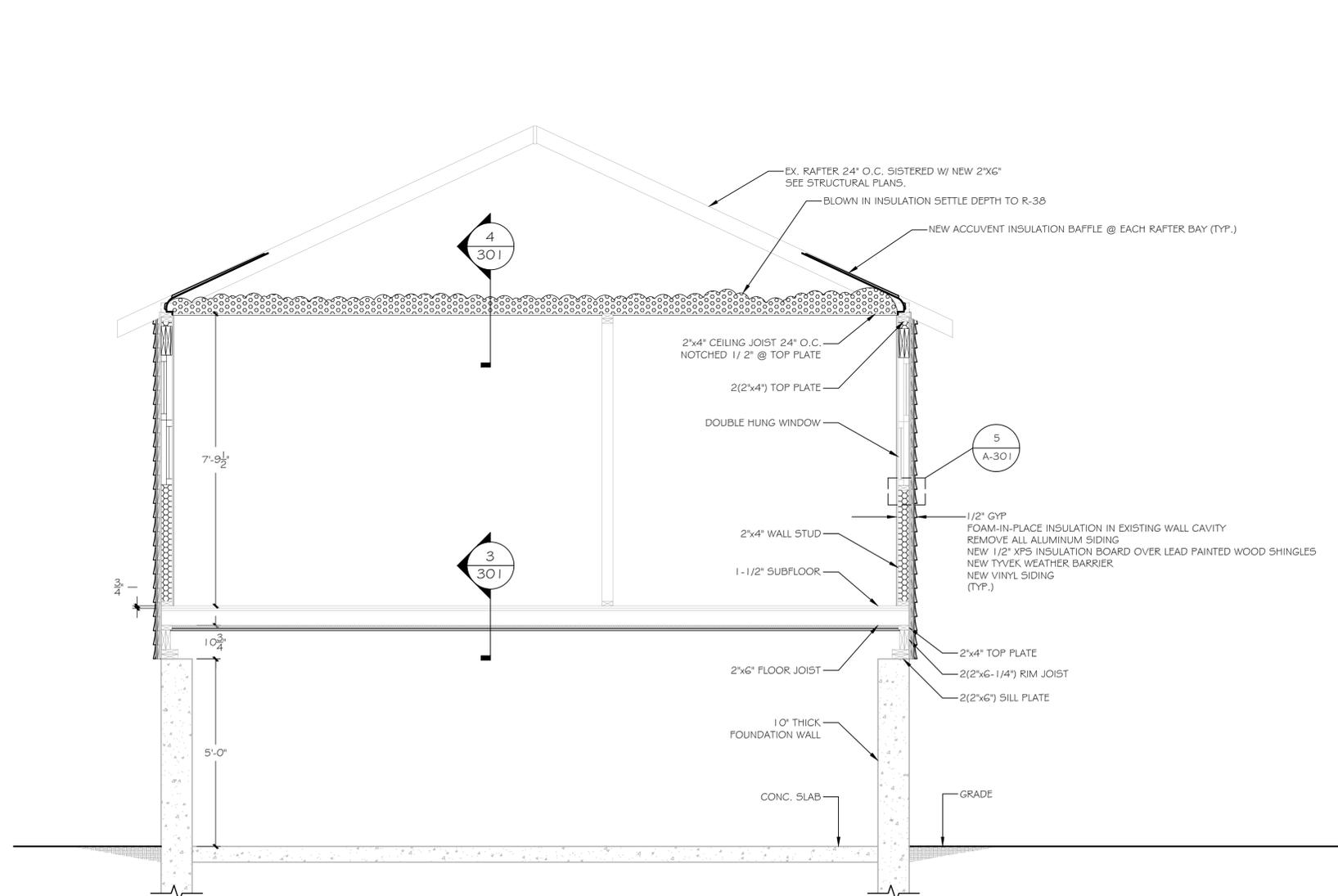
2 TYPICAL BEAM SECTION
A-301 SCALE: 1-1/2" = 1'-0"



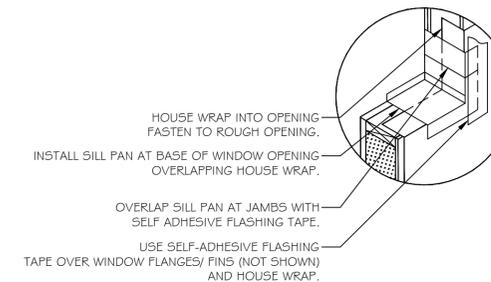
3 TYPICAL FLOOR SECTION
A-301 SCALE: 1-1/2" = 1'-0"



4 TYPICAL CEILING SECTION
A-301 SCALE: 1-1/2" = 1'-0"



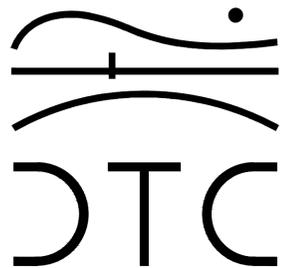
1 HOUSE SECTION
A-301 SCALE: 1/2" = 1'-0"



5 TYPICAL SILL PAN DETAIL
A-301 SCALE: 1-1/2" = 1'-0"

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OORR
APPLICATION NO. 1072
KELLY RESIDENCE
30 ELAINE RD.
MILFORD, CT

SECTIONS & DETAILS

DTC PROJECT NUMBER: 13-449-025

DTC DRAWING FILE:

SCALE: VARIES DRAWN BY: R.E.M

DATE: JULY 2015 CHECKED BY: M.P.C

SHEET:

A-301

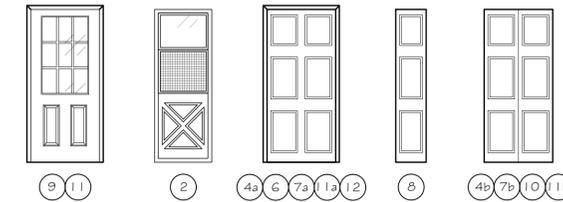
FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
			MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
1	LIVING ROOM	LAM. 1	WOOD	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	
2	ENTRY	VINYL. 1	WOOD	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	EX. WOOD	PTD.	GYP.	PTD.	REPLACE SUBFLOORING
3	DINING ROOM	LAM. 1	WOOD	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	
4	BEDROOM	LAM. 1	WOOD	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	
5	KITCHEN	LAM. 1	RUBBER	---	M.R. GYP.	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD.	
6	BATHROOM	VINYL 2	WOOD	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD/TUB SURROUND	M.R. GYP.	PTD.	M.R. GYP.	PTD.	
7	BEDROOM	LAM. 1	WOOD	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	
8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
9	HALL	LAM. 1	WOOD	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	
10	LAUNDRY	LAM. 1	WOOD	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD.	M.R. GYP.	PTD.	
11	BEDROOM	LAM. 1	WOOD	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	
12	MECH.	LAM. 1	WOOD	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	GYP.	PTD.	

(1) LIQUID ENCAPSULATE WOOD WALL, # COMPONENTS.

DOOR SCHEDULE

NO.	DOOR					FRAME	HARDWARE			REMARKS
	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	MATERIAL	MANUFACTURER CODE	TYPE	FINISH	
2	2'-6"	6'-8"	1"	ALUM.	STORM	ALUM.	EMCO /200 SERIES	PER MAN.	WHITE PTD	REMOVE, # DISPOSE EXIST. DOOR. PROVIDE HALF-LITE STORABLE CROSS BUCK DOOR.
3	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	REMOVE, # RESET EXISTING DOOR. MAKE FUNCTIONAL. RE-USE EX. HARDWARE.
4a	2'-8"	6'-8"	1-3/8"	MOLDED FOAM	PASSAGE	WOOD	JELD-WEN	BEDROOM LOCKSET	POL. BRASS	
4b	2'-6"	6'-8"	1-3/8"	MOLDED FOAM	BI-FOLD	---	JELD-WEN	PULL	---	3 PANEL 4 LEAF BI-FOLD PRE-FORMED MOLDED
6	2'-8"	6'-8"	1-3/8"	MOLDED FOAM	PASSAGE	WOOD	JELD-WEN	BATH LOCKSET	POL. BRASS, # CHROME	
7a	2'-8"	6'-8"	1-3/8"	MOLDED FOAM	PASSAGE	WOOD	JELD-WEN	BEDROOM LOCKSET	POL. BRASS	
7b	2'-6"	6'-8"	1-3/8"	MOLDED FOAM	BI-FOLD	---	JELD-WEN	PULL	POL. BRASS	3 PANEL 4 LEAF BI-FOLD PRE-FORMED MOLDED
8	1'-4"	6'-8"	1-3/8"	MOLDED FOAM	---	WOOD	JELD-WEN	PASSAGE	POL. BRASS	3 PANEL 1 LEAF PRE-FORMED MOLDED,
9	EX.	EX.	EX.	EX.	EX.	EX.	---	RE-USE EXISTING	---	REMOVE, # RESET EXISTING DOOR. MAKE FUNCTIONAL. RE-USE EX. HARDWARE. PAINT DOOR, # TRIM.
10	2'-8"	6'-8"	1-3/8"	MOLDED FOAM	BI-FOLD	---	JELD-WEN	PER MAN.	POL. BRASS	3 PANEL 4 LEAF BI-FOLD PRE-FORMED MOLDED
11	EX.	EX.	EX.	EX.	EX.	EX.	---	RE-USE EXISTING	---	REMOVE, # RESET EXISTING DOOR. MAKE FUNCTIONAL. RE-USE EX. HARDWARE. PAINT DOOR, # TRIM.
11a	3'-0"	6'-8"	1-3/4"	MOLDED FOAM	PASSAGE	WOOD	JELD-WEN	BEDROOM LOCKSET	POL. BRASS	
11b	2'-6"	6'-8"	1-3/8"	MOLDED FOAM	BI-FOLD	---	JELD-WEN	PULL	POL. BRASS	3 PANEL 4 LEAF BI-FOLD PRE-FORMED MOLDED
12	2'-6"	6'-8"	1-3/4"	MOLDED FOAM	PASSAGE	WOOD	JELD-WEN	PASSAGE	POL. BRASS	

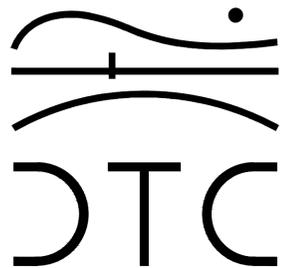


WINDOW SCHEDULE

R.O.									
LETTER	WIDTH	HEIGHT	MATERIAL	MANUFACTURER	MODEL	REMARKS	NOTES	QTY.	
A	4'-1-3/4"	4'-5-1/2"	VINYL	HARVEY SLIMLINE	2042-2	DOUBLE HUNG W/ SCREEN	PROVIDE VINYL EXT. CASING, EXT. JAMB.	3	
B	6'-10-1/4"	4'-9-1/2"	VINYL	HARVEY SLIMLINE	3446-2	DOUBLE HUNG W/ SCREEN, EGRESS	PROVIDE VINYL EXT. CASING, EXT. JAMB, INTEGRAL LIFT HANDLE.	1	
C	2'-2"	4'-5-1/2"	VINYL	HARVEY SLIMLINE	2042	DOUBLE HUNG W/ SCREEN	PROVIDE VINYL EXT. CASING, EXT. JAMB, ENCAPSULATE LEAD COMPONENT.	1	
D	3'-5-1/2"	4'-9-1/2"	VINYL	HARVEY SLIMLINE	3446	DOUBLE HUNG W/ SCREEN, EGRESS	PROVIDE VINYL EXT. CASING, EXT. JAMB.	2	
E	2'-6"	3'-5-1/2"	VINYL	HARVEY SLIMLINE	2432	DOUBLE HUNG W/ SCREEN.	PROVIDE EXT. JAMB, EXT. CASING FLAT, OBSCURED GLAZING, TEMPERED GLAZING.	1	
F	2'-0-1/2"	2'-0-1/2"	VINYL	HARVEY	AWN2 1	NEW CONST. AWNING WINDOW	PROVIDE EXT. JAMB, EXT. CASING FLAT, OBSCURED GLAZING, TEMPERED GLAZING.	1	

NOTES:

REVISIONS



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SCHEDULES

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SCALE: N/A DRAWN BY: R.E.M

DATE: JULY 2015 CHECKED BY: M.P.C

SHEET:

A-601

PLUMBING 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 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.
- COORDINATE EXACT LOCATION OF ALL UNDERGROUND UTILITIES (WATER, GAS, SANITARY, ETC.) EXITING OR ENTERING THE BUILDING WITH CIVIL DRAWINGS.
- 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.

LEGEND

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
	GAS PIPING
	FUEL OIL PIPING
	PIPING DIRECTION OF FLOW
	HT - HEAT TRACED & INSULATED PIPE
	PIPING RISER UP
	PIPING RISER DOWN
	DRAIN
	TRAP
	BALL 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
	CLEANOUT/ WALL CLEANOUT
	HOSE BIBB

HVAC GENERAL NOTES

- 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 DIFFUSER AND REGISTER LOCATIONS AND DUCT WITH LIGHTING FIXTURES AND STRUCTURE. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DETAILS.
- 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. 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 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.
- 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 CONNECTIONS BETWEEN MECHANICAL EQUIPMENT AND DUCTWORK AND PIPING.
- PROVIDE MINIMUM OF 3" DUCT LINER ON SUPPLY AND RETURN BRANCH DUCT UNIT CONNECTION (SEE DETAILS).
- PROVIDE VOLUME DAMPERS ON ALL BRANCHES OF DUCTWORK (SUPPLY, RETURN, EXHAUST).
- 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.
- DIFFUSER AND REGISTER LOCATIONS TO BE COORDINATED WITH LIGHTING & FLOOR LAYOUT.
- 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.
- SHOP DRAWINGS: DETAIL MAJOR ELEMENTS, COMPONENTS, AND SYSTEM OF 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.

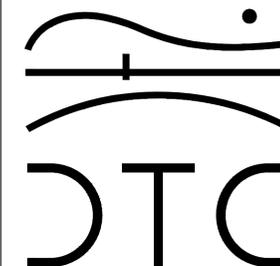
ABBREVIATIONS

CO	CLEANOUT
CTE	CONNECT TO EXISTING
CW	COLD WATER
E	EXISTING TO REMAIN
ERR	EXISTING TO BE REMOVED
HB	HOSE BIBB
HW	HOT WATER
HZ	HERTZ
IN	INCH
KS	KITCHEN SINK
G	GAS
GPM	GALLONS PER MINUTE
LAV	LAVATORY
MAX	MAXIMUM
MIN	MINIMUM
N	NEW
PH	PHASE
PRV	PRESSURE REDUCING VALVE
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
VD	VOLUME DAMPER
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WM	WASHING MACHINE

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

NOTES:

REVISIONS



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MECHANICAL &
PLUMBING GENERAL
NOTES

DTC PROJECT NUMBER: 13-449-025

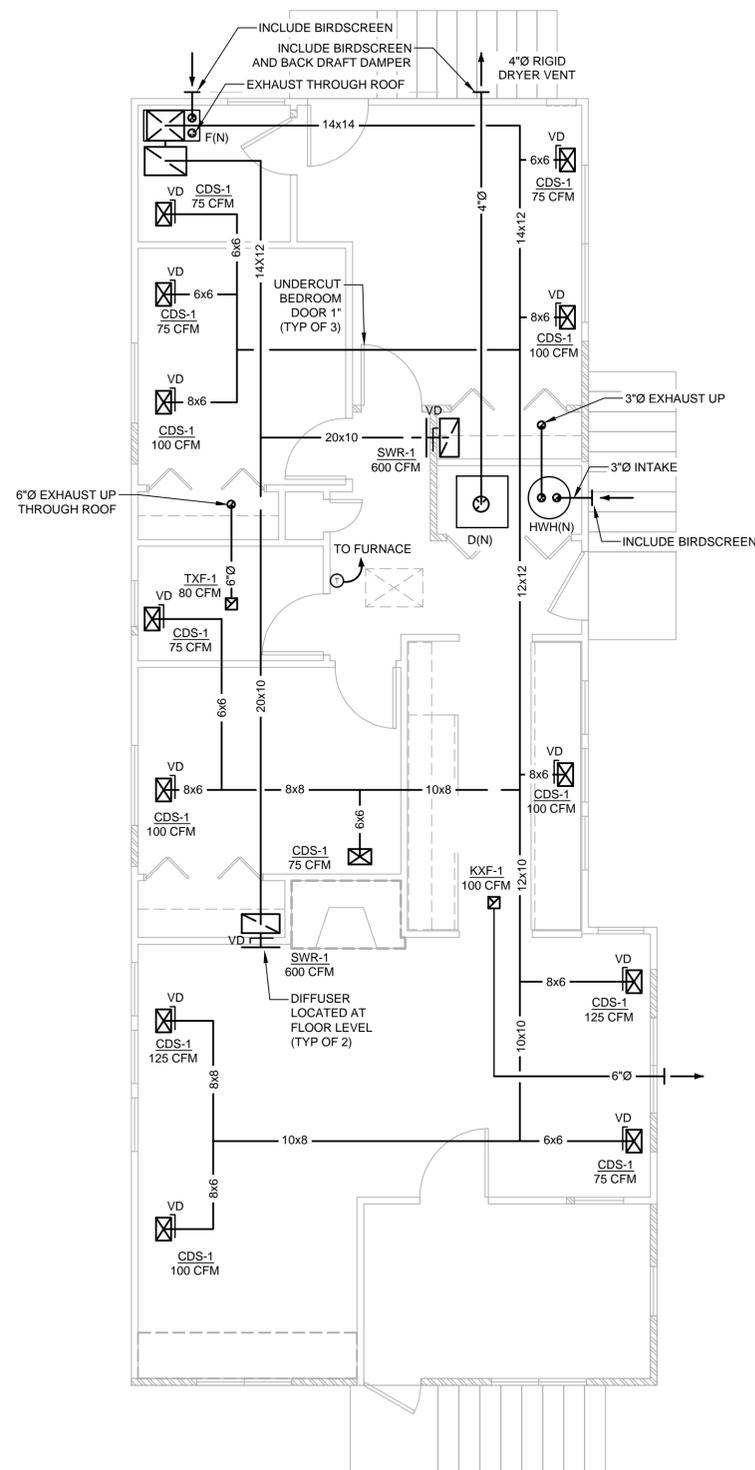
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SCALE: 1/4"=1.0 DRAWN BY: RWF

DATE: JULY 2015 CHECKED BY: RCN

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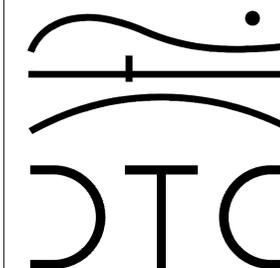
MP-001



1
M-100 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

NOTES:

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MECHANICAL FLOOR
PLANS

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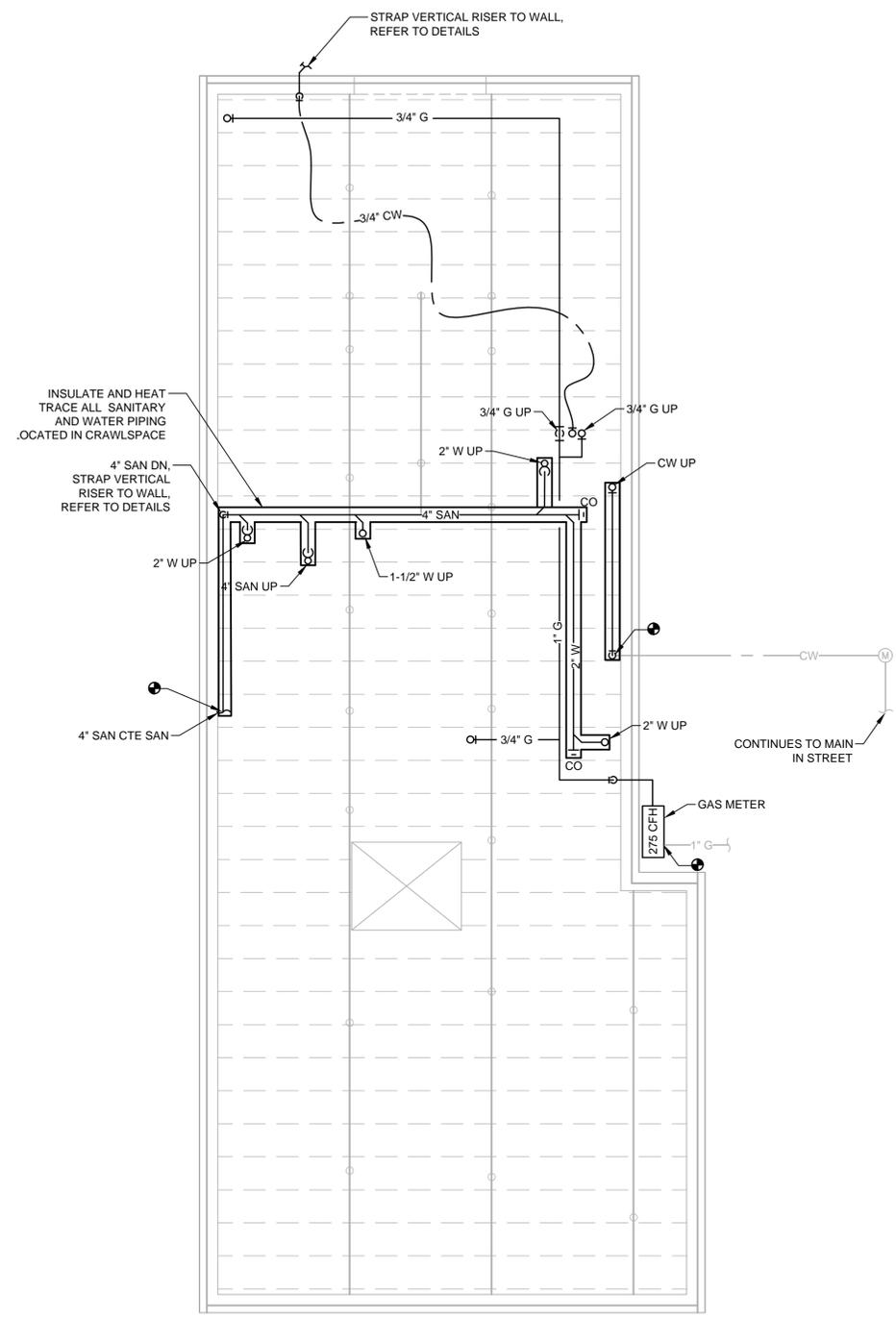
DRAWN BY: RWF

DATE: JULY 2015

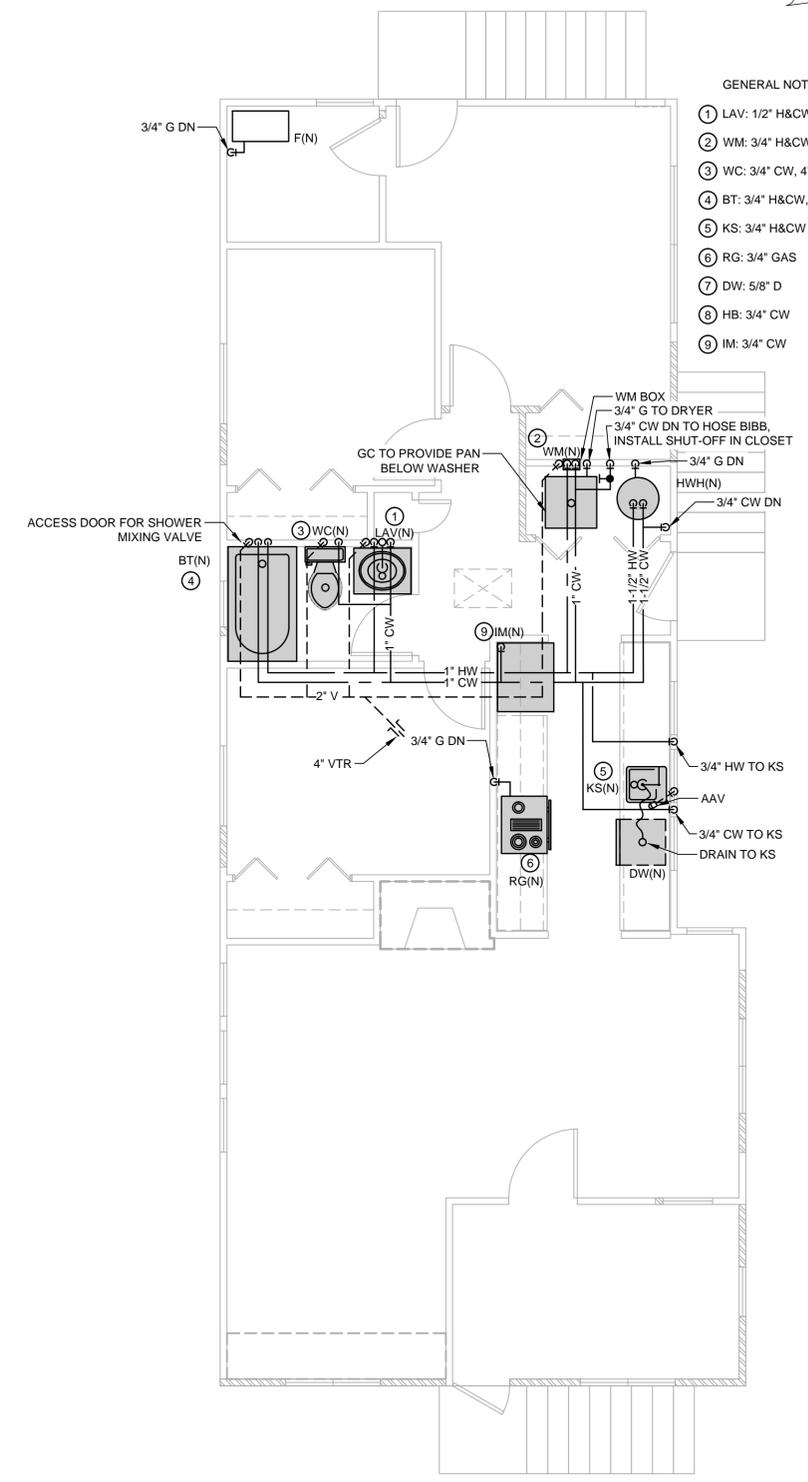
CHECKED BY: RCN

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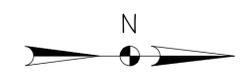
M-100



1
M-100 GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0"



1
M-100 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



- 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
 - ⑦ DW: 5/8" D
 - ⑧ HB: 3/4" CW
 - ⑨ IM: 3/4" CW

NOTES:

REVISIONS



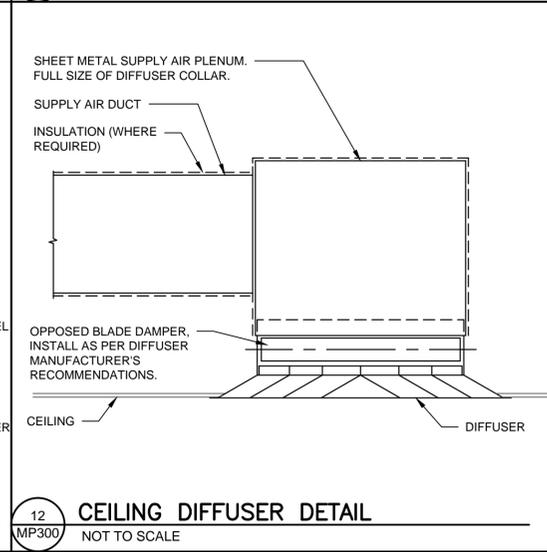
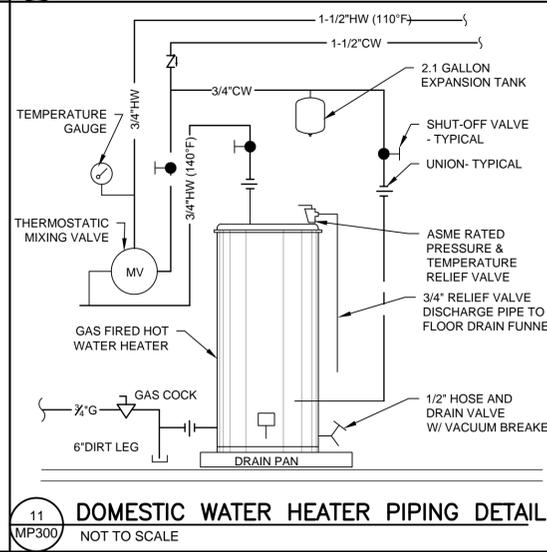
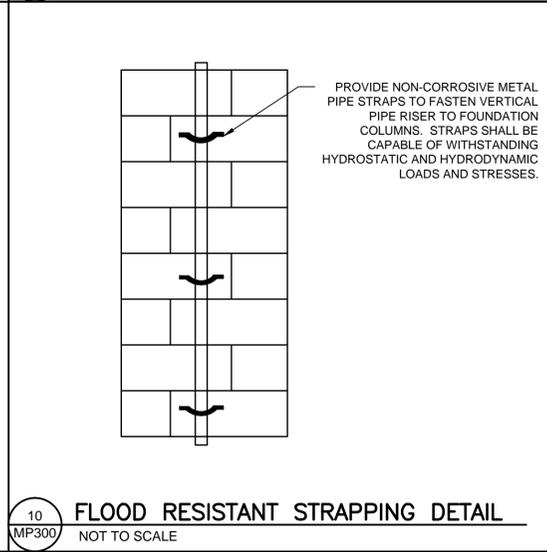
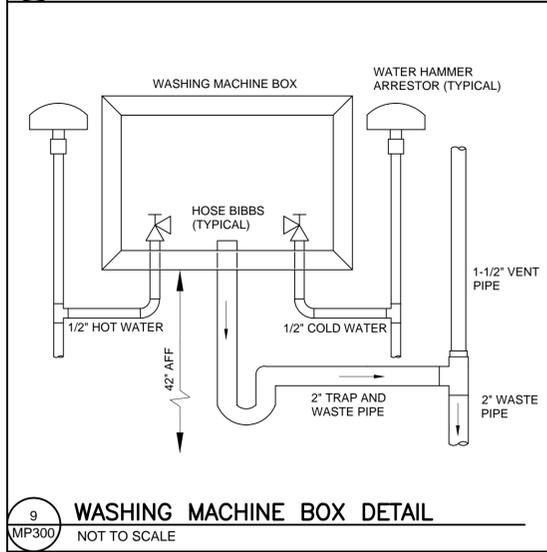
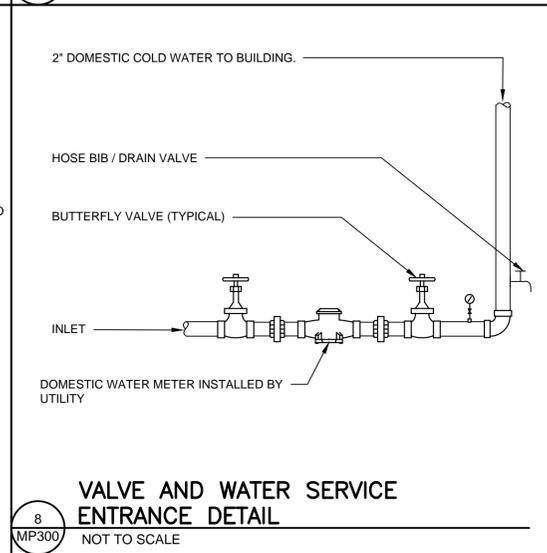
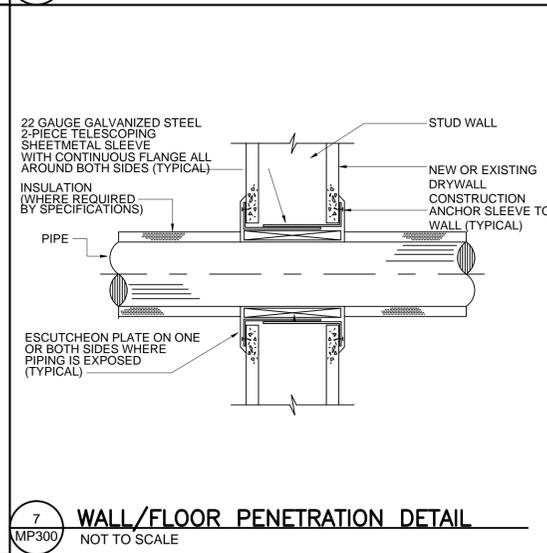
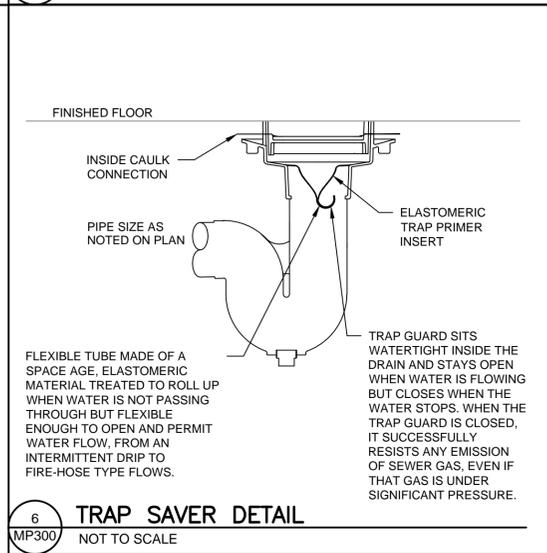
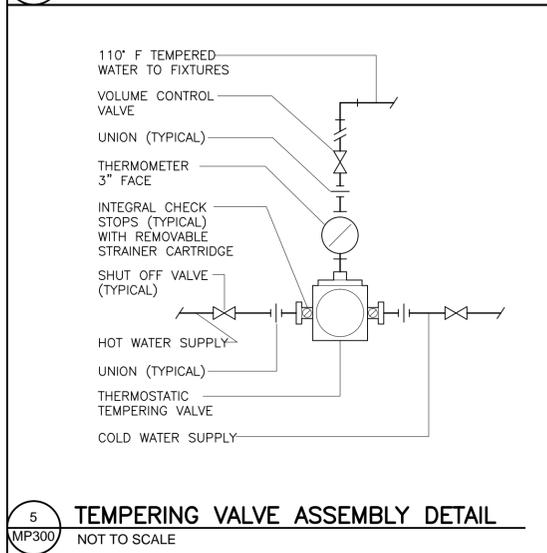
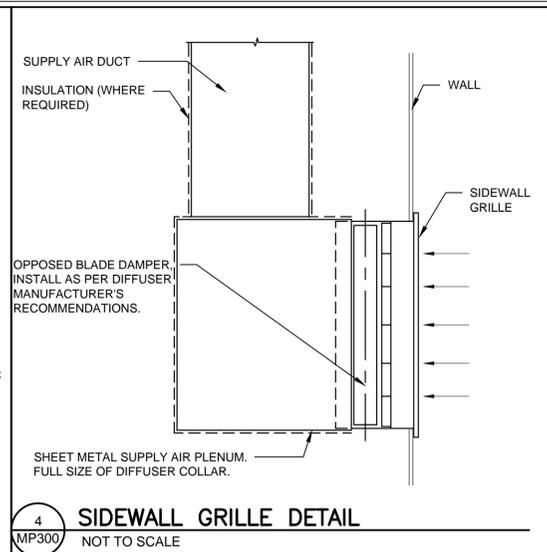
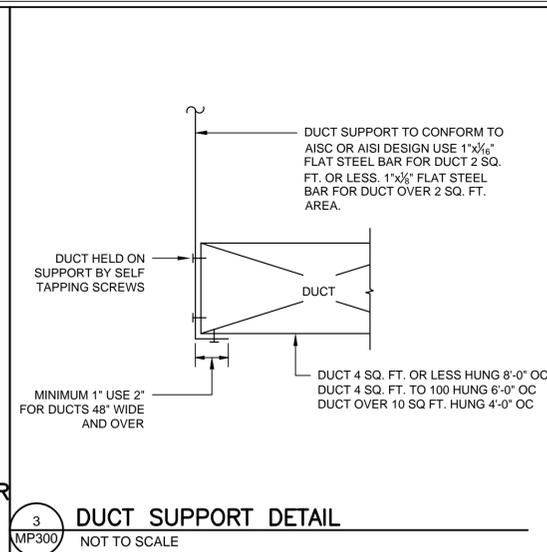
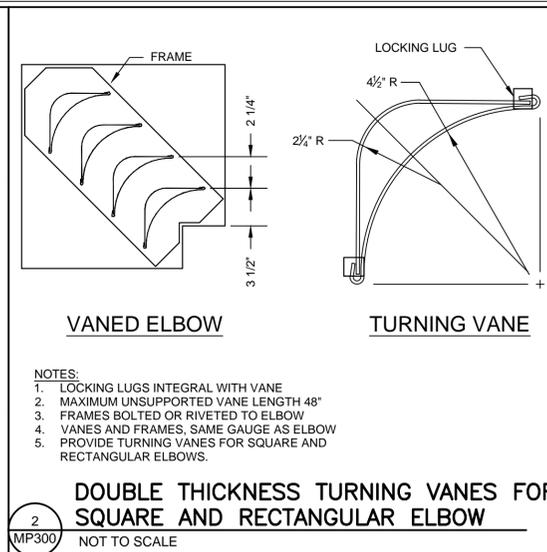
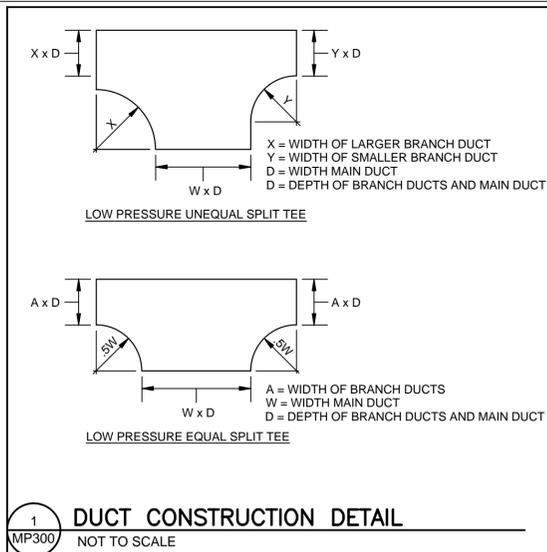
OORR
APPLICATION NO. 1072
KELLY RESIDENCE
30 ELAINE RD.
MILFORD, CT

PLUMBING FLOOR
PLANS

DTC PROJECT NUMBER: 13-449-025	
DTC DRAWING FILE:	
SCALE: 1/4"=1'-0"	DRAWN BY: RWF
DATE: JULY 2015	CHECKED BY: RCN

SHEET:

P-100



NOTES:

REVISIONS

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OORR
APPLICATION NO. 1072
KELLY RESIDENCE
30 ELAINE RD.
MILFORD, CT

MECHANICAL &
PLUMBING
SCHEDULES & DETAILS

DTC PROJECT NUMBER: 13-449-025	
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SHEET:

MP-300

PLUMBING VALVES SCHEDULE																																				
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	900# 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	REC. 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"																																
	510T	-	-	1/4"-2"																																
PLUG VALVES	-	611	-	1/2"-6"																																
	-	611	-	1"-4"																																
	-	612	-	1"-8"																																
PRESSURE REDUCING VALVES	-	-	LF25AUB	1/2"-2"																																
	-	-	-	-																																

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

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: 30" X 70" OR 30" X 46". 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.
	FIXTURE	SYMMONS	TEMPTROL	
	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	WATER CLOSET, 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 CH182237 S-20-2-FR LEVER HANDLE 1.5 GPM FLOW	SOLID SURFACE MOLDED VANITY TOP, w/OVERFLOW, INTEGRAL BOWL & BACKSPLASH; 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 SYMMONS	KJW5023322 S-23-2-SM LEVER HANDLE 1.0 GPM FLOW	KITCHEN SINK; 18 GAUGE, TYPE 316 STAINLESS STEEL, 22"x33" LONG X 6" 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, INSINK AERATOR GD MAGNETIC COVER START, 2-STAGE MULTIGRIID, 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	FRIGIDAIRE	FFLG4033QW	3.8 CU. FT UNITIZED TOP LOAD WASHER AND GAS DRYER, ENERGY STAR CERTIFIED, 27" WIDE, 76" HEIGHT, 120 V, 30 A, STAINLESS STEEL WASHER TUB, 250 LBS, WHITE.
	RG	GE	JGBS60DEFWW	30 IN GAS RANGE, 4.8 CU. FT CAPACITY, 4 BURNERS, INCLUDE MANUFACTURER'S WARRANTY

DIFFUSER, GRILLE, AND REGISTER SCHEDULE								
TYPE	MANUFACTURER	MODEL	NECK SIZE (INCH)	FACE SIZE (INCH)	MAXIMUM AIRFLOW (CFM)	MAX NC	DESCRIPTION	REMARKS
SWS-1	HART & COOLEY	300	-	12x8	130	20	CEILING SUPPLY GRILLE	NOTE 1,2
SWR-1	HART & COOLEY	650	-	20x20	767	20	SIDEWALL RETURN GRILLE	NOTE 1,2

DIFFUSER, GRILLE, AND REGISTER SCHEDULE REMARKS:
 NOTE 1. PROVIDE OPPOSED BLADE DAMPER
 NOTE 2. 3/4" LOUVER SPACING, 0° LOUVER ANGLE

DIFFUSER, GRILLE, AND REGISTER SCHEDULE GENERAL COMMENTS:
 1. DIFFUSER, REGISTER, GRILLE, OPPOSE BLADE DAMPER AND ASSOCIATED FRAME SHALL BE SOLID ALUMINUM CONSTRUCTION.
 2. COLOR BY ARCHITECT
 3. REFER TO ARCHITECTURAL DRAWINGS FOR WALL/CEILING TYPE. PROVIDE MOUNTING ACCESSORIES AS REQUIRED FOR CEILING APPLICATION
 4. APPROXIMATE FACE SIZE NOTED. REFER TO SPECIFIC BORDER / FRAME TYPE FOR ACTUAL FACE SIZE

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, PROVIDE BACKDRAFT DAMPER AND MANUFACTURER'S WALL CAP TERMINATION KIT
KXF-1	BROAN	XB-110	110	.1" w.c.	7.7	PROVIDE WALL MOUNTED SWITCH, BACKDRAFT DAMPER, AND MANUFACTURER'S WALL CAP TERMINATION KIT

NOTES: CONSTANT 20 CFM SWITCH TO MAXIMUM CFM.

FURNACE SCHEDULE												
MARK	MFR	MODEL	CAPACITY (BTU/H)	AIRFLOW (CFM)	ESP (IN WG)	EAT DB/WB (F)	LAT DB/WB (F)	MAX/MIN GAS INLET PRESSURE (IN WC)	ELECTRICAL		CONFIGURATION	REMARKS
									VOLTAGE/PH/HZ	MIN CA		
F	CARRIER	59SP2A 060-14	60,000	1190	0.5	80/67	58/57	13.6/4.5	115/60/1	7.1	UPFLOW	

NOTES: 1. DISCONNECTS AND STARTERS BY DIVISION 26.

DOMESTIC HOT WATER HEATER SCHEDULE													
MARK	MFR	MODEL	FUEL TYPE	INPUT (BTU/H)	OUTPUT 1ST HOUR (GPH)	OUTPUT CONTINUOUS (GPH)	WATER TEMP. RISE (°F)	WATER PRESSURE (PSI)	GAS CONSUMPTION (CFH)	GAS PRESSURE MIN/MAX (IN. WC)	VENT/INTAKE	WEIGHT	REMARKS
HWH	AO SMITH	GPD-50	NATURAL GAS	45,000	93	50	75	50-60	45	5"/10.5"	3"/3"	192	

NOTES: 1. DISCONNECTS AND STARTERS BY DIVISION 26.

NOTES:

REVISIONS

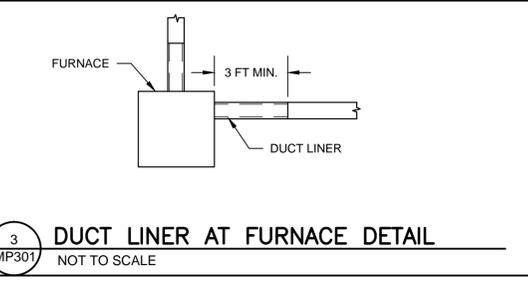
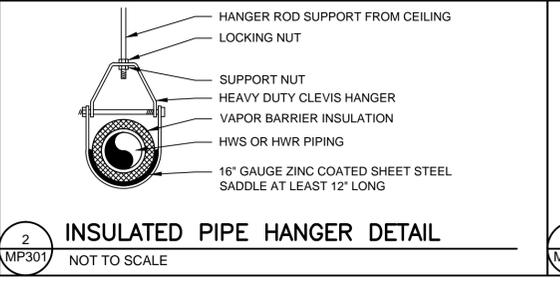
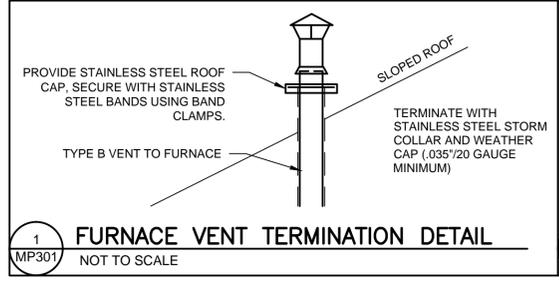


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MECHANICAL &
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 & DETAILS

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SHEET:
MP-301



ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	RECESSED LOAD CENTER
	BRANCH CIRCUIT POWER WIRING
	BRANCH CIRCUIT HOME RUN
	SWITCHED WIRING
	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 FOR REFRIGERATOR
	DUPLEX RECEPTACLE OUTLET FOR RANGE
	DUPLEX RECEPTACLE OUTLET FOR WASHING MACHINE / DRYER
	POWER FOR DISHWASHER
	POWER FOR HEAT TRACE
	POWER FOR KITCHEN HOOD
	MOTOR, SEE SCHEDULE ON DWG E-100
	SURFACE MOUNTED LIGHTING FIXTURE
	WALL MOUNTED LIGHTING FIXTURE
	COMBINATION LIGHT AND CEILING FAN
	SINGLE POLE SWITCH
	3-WAY SINGLE POLE SWITCH
	SINGLE POLE SWITCH IN WEATHERPROOF ENCLOSURE
	FURNACE SHUT OFF SWITCH
	EXISTING UTILITY METER
	EXISTING CATV SERVICE
	MULTI-STATION SMOKE DETECTOR
	MULTI-STATION HEAT DETECTOR
	MULTI-STATION COMBINATION SMOKE/CARBON MONOXIDE DETECTOR
	CATV OUTLET

ELECTRICAL ABBREVIATIONS

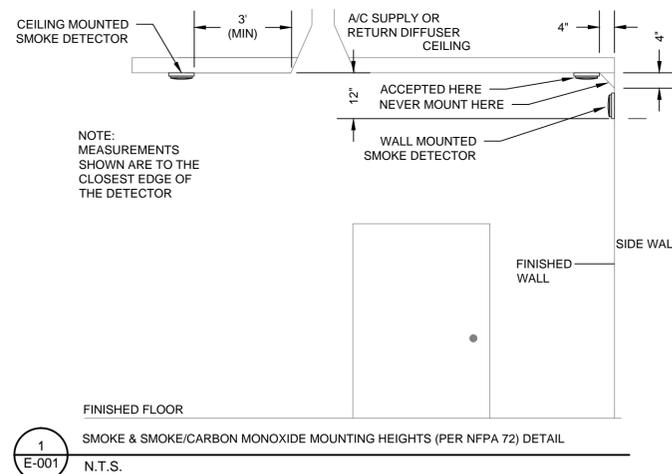
ABBREVIATIONS	DESCRIPTION
A	AMPERES
AC	ALTERNATING CURRENT (60 HZ)
AHJ	AUTHORITY HAVING JURISDICTION
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CATV	CABLE TV
CU	COPPER
DW	DISHWASHER
DWG	DRAWING
EX	EXISTING TO REMAIN
FLA	FULL LOAD AMPS
GFI	GROUND-FAULT CIRCUIT-INTERRUPTER
H	HEAT DETECTOR
HT	HEAT TRACE
J	JUNCTION
KH	KITCHEN HOOD
KVA	KILOVOLT AMPERE
LTG	LIGHTING
M	METER
MCA	MINIMUM CIRCUIT AMPACITY
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
RECPT	RECEPTACLE
REF	REFRIGERATOR
RG	RANGE
S	SMOKE
S/CO	SMOKE/CARBON MONOXIDE
UL	UNDERWRITER'S LABORATORY
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPERES
W	WATTS
WD	WASHING MACHINE DRYER
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.

DRAWING LIST

SHEET	NAME
E-001	ELECTRICAL NOTES, LEGENDS, ABBREVIATIONS, DETAILS & SCHEDULES
E-100	ELECTRICAL GROUND LEVEL & FIRST FLOOR PLANS



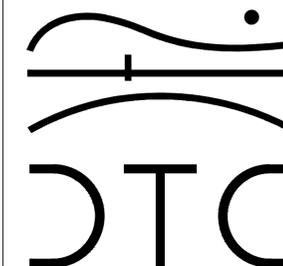
LIGHT FIXTURE SCHEDULE

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	HAMPTON BAY AL383-WH	COMBINATION CEILING FAN AND LIGHTING FIXTURE WITH 3-SPEED REVERSIBLE BLADES, INTEGRAL LIGHTING FIXTURE.	120V	60W	1,2,3,4
D	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
F	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.

NOTES:

REVISIONS



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ELECTRICAL NOTES,
LEGENDS,
ABBREVIATIONS,
DETAILS & SCHEDULES

DTC PROJECT NUMBER: 13-449-025

DTC DRAWING FILE:

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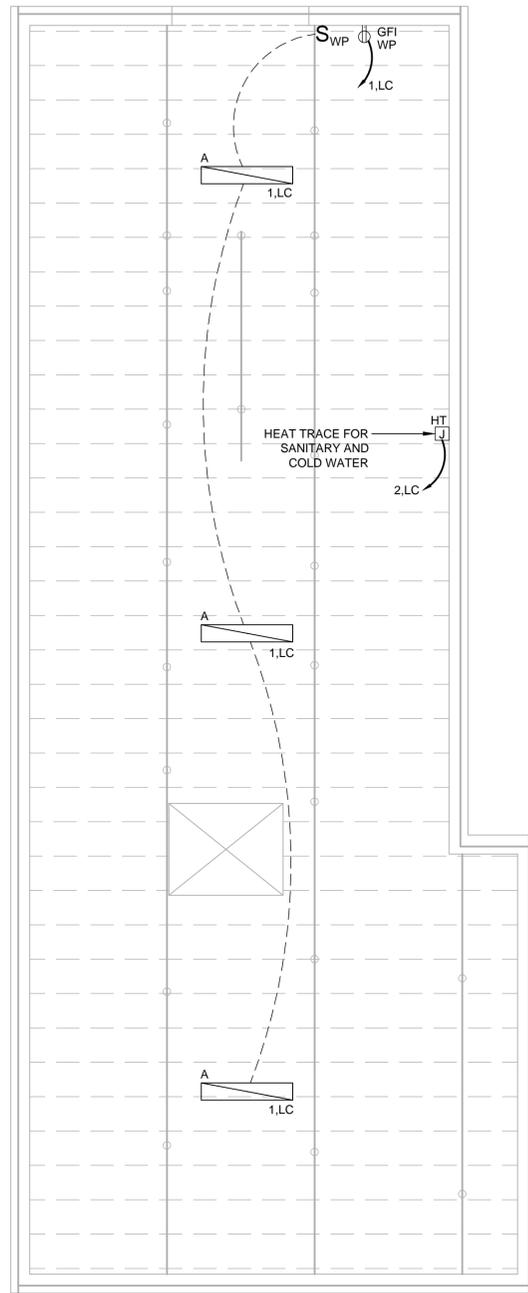
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DATE: JULY 2015

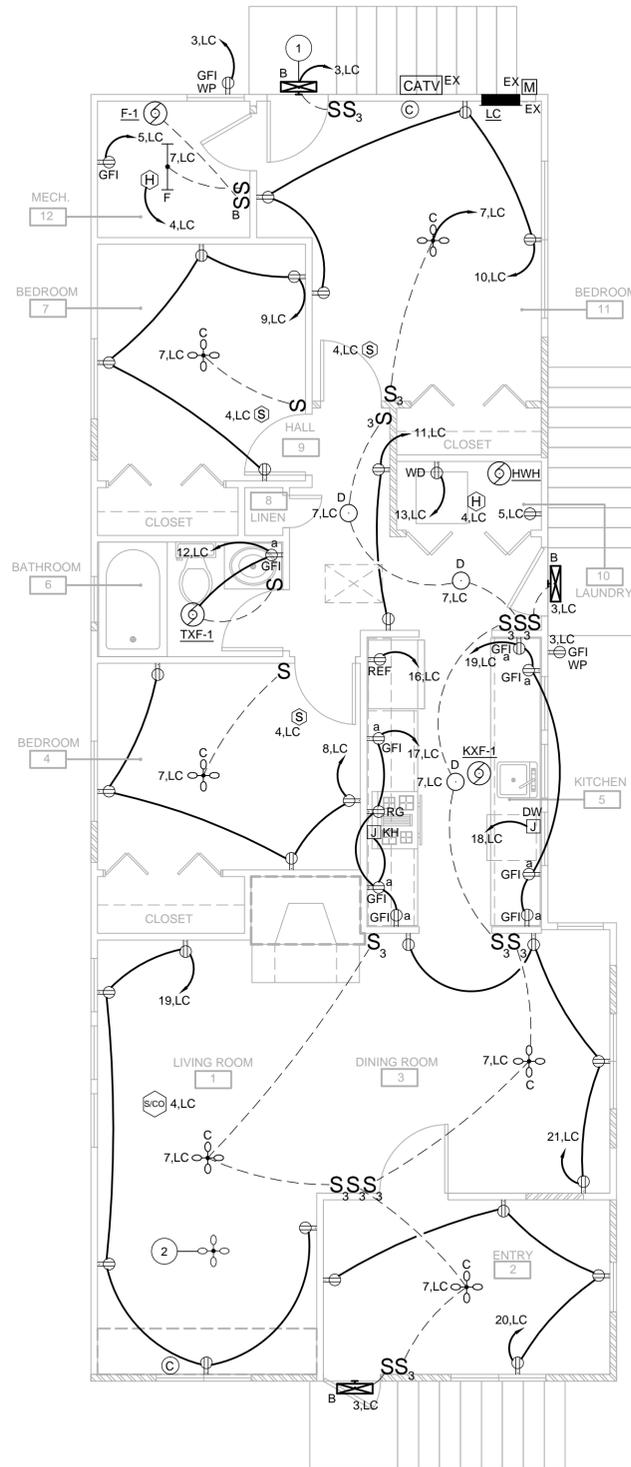
CHECKED BY: JP

SHEET:

E-001



1 GROUND LEVEL PLAN
E-100 SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN
E-100 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 EXISTING LOAD CENTER, 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.
- ALL BRANCH CIRCUIT USED INDOORS SHALL BE WIRED WITH NM CABLE U.O.N.
- ALL 125-VOLT 15 AND 20 AMP RECEPTACLES LOCATED AT 5 1/2' AFF OR BELOW SHALL BE TAMPER RESISTANT.



ELECTRICAL KEYNOTES

- REMOVE EXISTING EXTERIOR LIGHTING FIXTURE CABLING BACK TO SOURCE. PROVIDE NEW FIXTURE IN LOCATION SHOWN.
- EXISTING LIGHTING FIXTURE TO BE REMOVED. ALL CABLING TO BE REMOVED BACK TO SOURCE.

MOTOR CIRCUIT SCHEDULE

EQUIPMENT	SOURCE PANEL	OCP DEVICE	BRANCH CIRCUIT	DISC SW	LOAD					REMARKS
					HP/KW	FLA	MCA	PH	VOLT	
F-1	6.LC	15A-1P	2#12, #12G				7.1	1	120V	2,3
HWH	14.LC	15A-1P	2#12, #12G					1	120V	1,2,3
KXF-1	14.LC	15A-1P	2#12, #12G		7.7 W			1	120V	1,2,3
TXF-1	12.LC	20A-1P	2#12, #12G		6.0 W			1	120V	1,2,3

NOTES

- OVERCURRENT PROTECTIVE DEVICE SHALL BE MOLDED CASE CIRCUIT BREAKER U.O.N.
- REFER TO ELECTRICAL AND MECHANICAL PLANS FOR EQUIPMENT LOCATIONS. DISCONNECTS BY DIV 26 U.O.N.
- UNIT SHALL BE WIRED WITH NM CABLE (ROMEX).

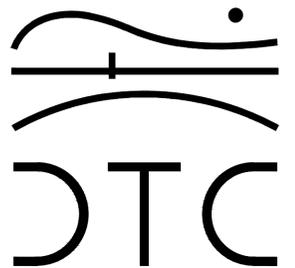
EXIST. LOADCENTER LC

BREAKER	PHASE LOAD - KVA				BREAKER	
	A	B	C	LOAD		
1	0.34	0.58	0.24	0.24	HEAT TRACE	
3	0.36	0.86	0.50	0.50	DETECTORS (1)	
5	0.36	1.21	0.85	0.85	F-1	
7	0.60	1.32	0.72	0.72	BEDROOM 4 RECP TACLES (1)	
9	0.72	1.44	0.72	0.72	BEDROOM 7 RECP TACLES (1)	
11	0.36	0.55	0.19	0.19	BEDROOM 11 RECP TACLES (1)	
13	1.20	1.30	0.10	0.10	TXF-1 & RECP	
15	1.50	2.70	1.20	1.20	HWH & KXF-1	
17	1.50	2.70	1.20	1.20	REFRIGERATOR	
19	0.90	1.62	0.72	0.72	KITCHEN RECP TACLES	
21	0.72	0.72	-	-	DISHWASHER	
23	-	-	-	-	ENTRY RECP TACLES	
25	-	-	-	-	SPACE	
27	-	-	-	-	SPACE	
29	-	-	-	-	SPACE	
31	-	-	-	-	SPACE	
TOTAL LOAD PER PHASE:				8.0	7.0	
TOTAL LOAD ON PANEL:				15.00	KVA	

GENERAL NOTES:
1. PROVIDE AFCI CIRCUIT BREAKER

NOTES:

REVISIONS



2321 Whitney Avenue - Hamden Center II - Hamden CT 06518
Ph: 203 239 4200 Fax: 203 234 7376
www.teamdct.com

OOR
APPLICATION NO. 1072
KELLY RESIDENCE
30 ELAINE RD.
MILFORD, CT

ELECTRICAL GROUND
LEVEL & FIRST FLOOR
PLANS

DTC PROJECT NUMBER: 13-449-025

DTC DRAWING FILE:

SCALE: 1/4"=1'-0" DRAWN BY: WM

DATE: JULY 2015 CHECKED BY: JP

SHEET:

E-100