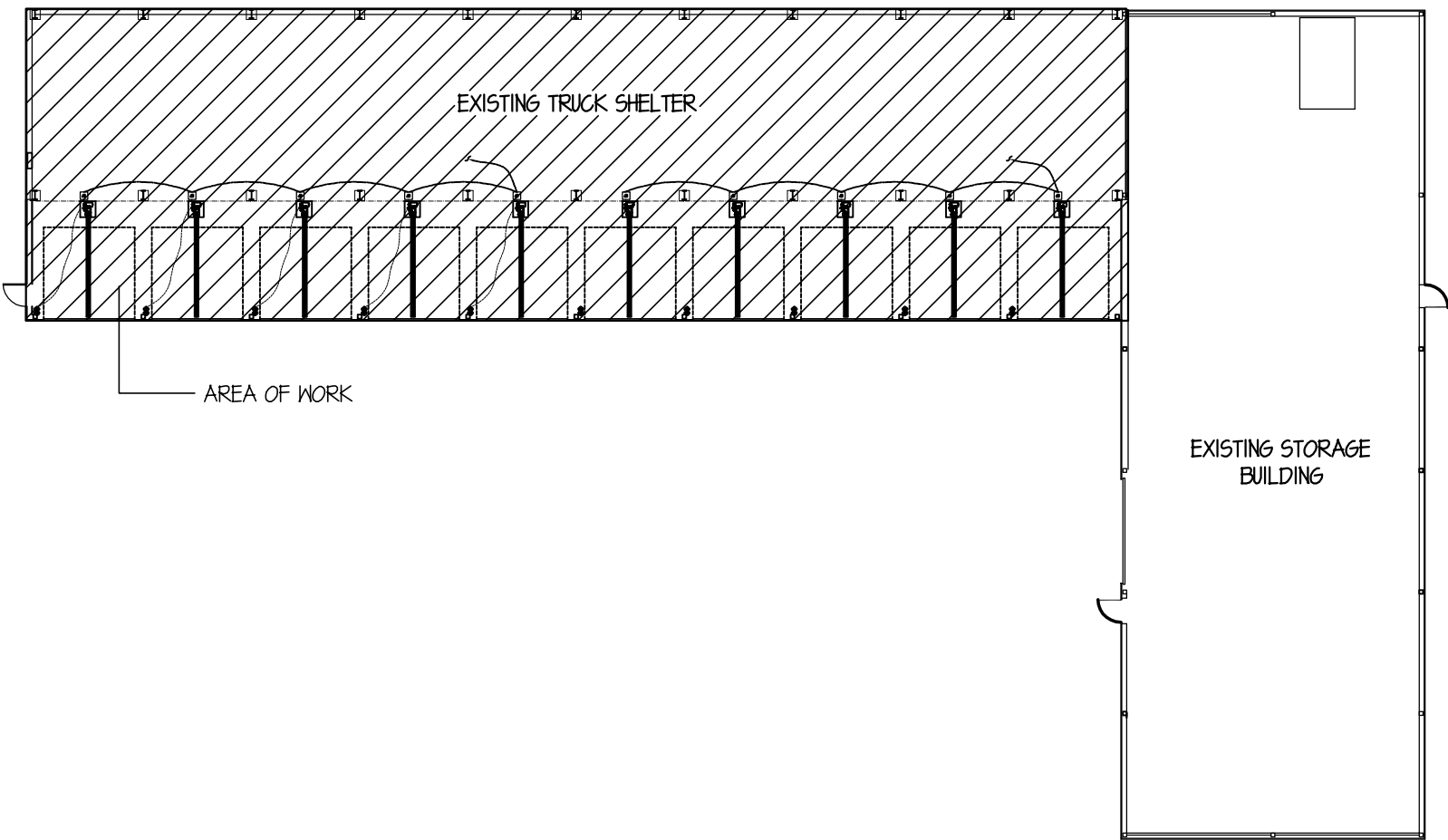


GENERAL NOTES

1. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS, QUANTITIES AND SIZES. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER/DESIGNER.
2. ALL WORK SHALL CONFORM TO THE STATE OF CONNECTICUT'S BASIC BUILDING CODE, TO THE TOWN REGULATIONS AND TO CODE REQUIREMENTS GOVERNING SPECIFIC TRADES
3. ALL MATERIALS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.
4. DO NOT SCALE DRAWINGS.
5. ALL WORK SHALL BE PERFORMED BY WORKMEN SKILLED IN THEIR TRADE IN A NEAT AND CLEAN MANNER.
6. ANY AND ALL REVISIONS MADE BY CONTRACTOR SHALL BE APPROVED BY THE DESIGNER PRIOR TO COMMENCING WITH WORK. REVISIONS MADE WITHOUT SUCH APPROVAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. THESE DRAWINGS DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH APPLICABLE CODES AND SPECIFICATIONS.
8. ALL EQUIPMENT, MATERIALS, AND ANY OTHER ITEMS REMOVED BY THE WORK OF THIS CONTRACT AND DETERMINED TO BE SALVAGED BY THE DESIGNER, OWNER OR OWNERS REPRESENTATIVE SHALL REMAIN THE PROPERTY OF THE OWNER. ALL OTHER EQUIPMENT, MATERIALS AND ANY OTHER ITEMS REMOVED BY WORK OF THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF AT HIS EXPENSE.
9. SAFETY IS OF THE UTMOST IMPORTANCE. CONTRACTOR SHALL USE EXTREME CAUTION DURING CONSTRUCTION ACTIVITIES.
10. THE EXISTING CONDITIONS AND DIMENSIONS HAVE BEEN VERIFIED FOR ACCURACY AND CHANGED IF NECESSARY. AREAS SHOWN IN THIS PLAN AND NOT SCHEDULED FOR NEW WORK ARE SHOWN FOR ORIENTATION AND OVERALL REFERENCE. THOUGH THESE AREAS ARE BELIEVED TO BE REPRESENTATIVE OF ACTUAL CONDITIONS THEY SHOULD NOT BE CONSTRUED AS TRUE AS-BUILT CONDITIONS. THE CONTRACTOR IN ALL CASES SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO THE START OF ANY WORK WITHIN THE SCOPE OF THEIR SERVICES.
11. BEFORE BEGINNING WORK AT THE SITE, INSPECT THE EXISTING BUILDING AND DETERMINE THE EXTENT OF EXISTING FINISHES, SPECIALTIES, CASEWORK, EQUIPMENT, AND OTHER ITEMS WHICH MUST BE REMOVED AND REINSTALLED IN ORDER TO PERFORM THE WORK UNDER THIS CONTRACT.

12. THE CONTRACTOR SHALL COORDINATE WORK BETWEEN ALL TRADES AND WORKMEN TO CLOSE, PATCH AND REPAIR ALL HOLES WHERE ITEMS ARE REMOVED AND PROVIDE OPENINGS AS NECESSARY FOR NEW WORK.
13. ALL SURFACES AND INSULATION DAMAGED OR ALTERED BY THE WORK OF THIS CONTRACT SHALL BE REPAIRED AND/OR RECONSTRUCTED TO MATCH THE EXISTING ADJACENT SURFACES IN MATERIAL, TEXTURE AND COLOR.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL NECESSARY PERMITS, SCHEDULING REQUIRED INSPECTIONS AND OBTAINING FINAL APPROVALS.
15. THE ACTUAL LOCATION OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR. INFORMATION SHOWN ON PLANS IS DIAGRAMMATIC AND IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITION. AS "AS BUILT" CONDITIONS MAY DISCLOSE.
16. NO CUTTING OF STRUCTURAL MEMBERS WILL BE ALLOWED WITHOUT REVIEW AND APPROVAL OF THE ENGINEER/DESIGNER.
17. THE ARCHITECTURAL DRAWINGS SHOW INITIAL AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING EXISTING MECHANICAL, ELECTRICAL, PLUMBING, OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO A PART OF THIS CONTRACT.
18. ALL ELECTRICAL WORK SHALL BE BY LICENSED CONTRACTORS AND SHALL MEET APPROVAL.
19. ALL ELECTRICAL WORK SHALL BE TESTED AND INSPECTED FOR APPROVAL BY GOVERNING AUTHORITIES.
20. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR BID TO FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND FULL SCOPE OF WORK. THE CONTRACTOR BID SHALL INCLUDE ALL WORK NECESSARY TO COMPLETE THE SCOPE OF THIS PROJECT.

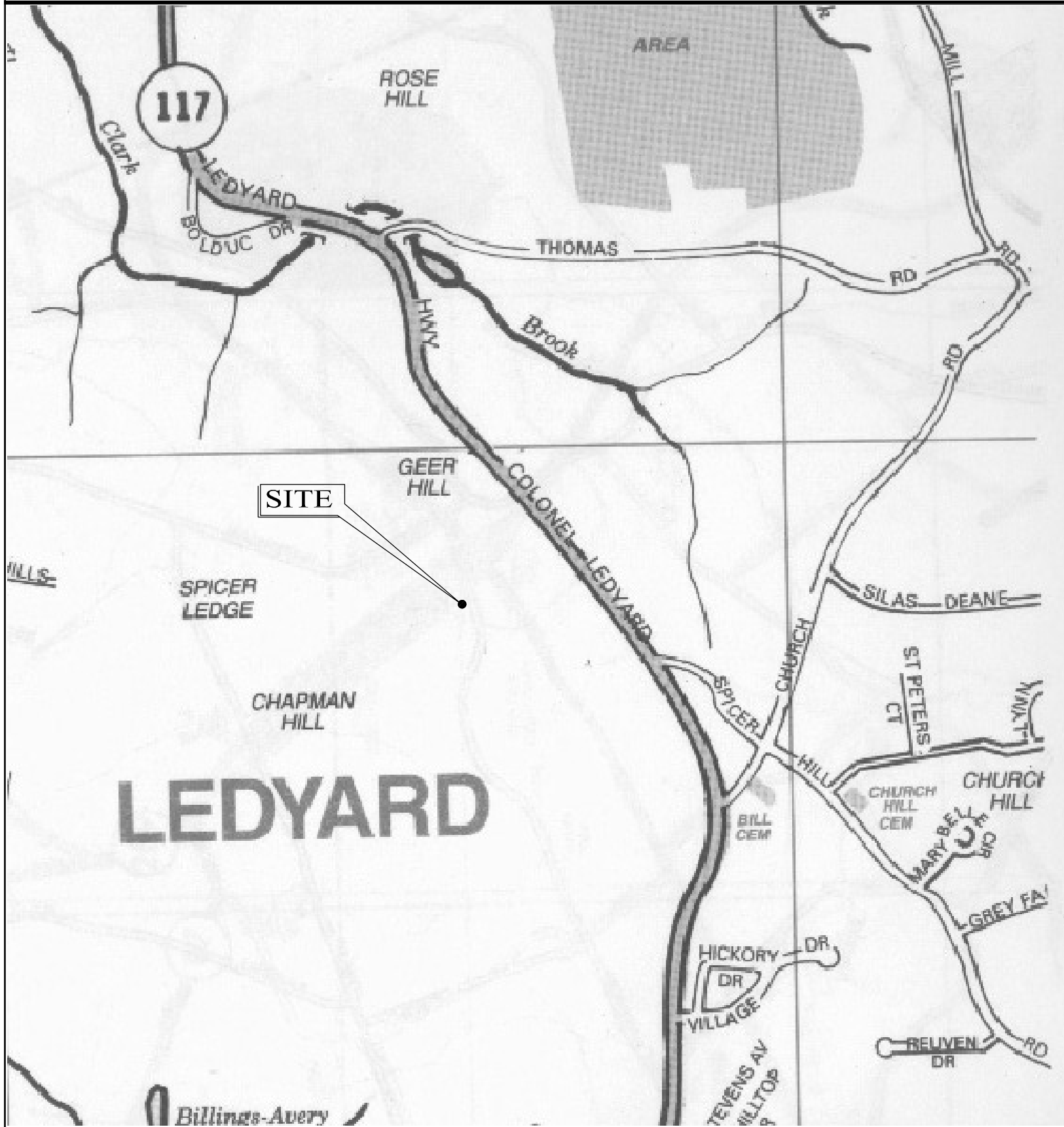
TOWN OF LEDYARD
IMPROVEMENTS TO THE TRUCK SHELTER



889-R COLONEL LEDYARD HIGHWAY, LEDYARD, CONNECTICUT

ISSUE FOR PERMIT/BID - FEB. 27, 2012 REV. 4/5/12

LOCATION MAP



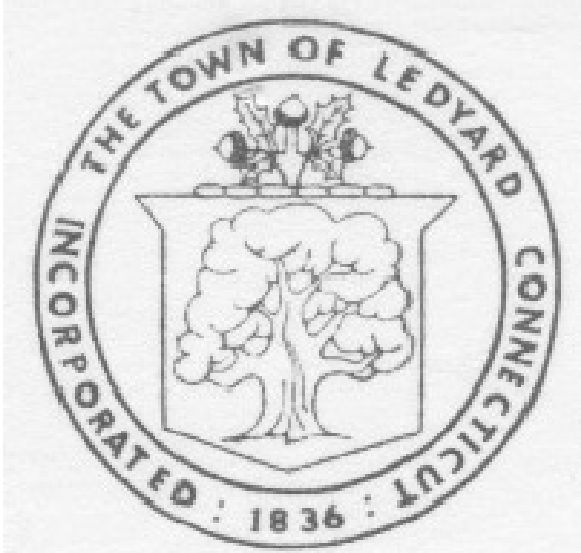
ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	CONT	CONTINUOUS OR CONTINUE	FIN	FINISH FLOOR ELEVATION	JF	JOINT FILLER	RM	ROOM
AP	ACCESS PANEL	CONTR	CONTRACTOR	FFE	FINISHED FLOOR ELEVATION	J	JOIST	RO	ROUGH OPENING
AC	ACOUSTICAL	CJ	CONTROL JOINT	FA	FIRE ALARM	LAB'L	LABEL	FRP	SANITARY WALL PANEL
ACT	ACOUSTICAL TILE	CPR	COPPER	FE	FIRE EXTINGUISHER	LAM	LAMINATE	SOH	SCHEDULE
ADH	ADHESIVE	CG	CORNER GUARD	FP	FIREPROOF	LAV	LAVATORY	SEC	SECTION
ADJ	ADJACENT	CORR	CORRUGATED	FD	FLOOR DRAIN	LH	LEFT HAND	S	SINK
ADJUST	ADJUSTABLE	CTR	COUNTER	FLUO	FLUORESCENT	L	LENGTH	SC	SOLID CORE
A/C	AIR CONDITIONING	DP	DAMP/PROOFING	FT	FOOT	LT	LIGHT	S	SOUTH
ANC	ANCHOR, ANCHORAGE	DL	DEAD LOAD	FTG	FOOTING	LL	LIVE LOAD	SPEC	SPECIFICATIONS
APPROX	APPROXIMATE	DEMOL	DEMOLISH	FND	FOUNDATION	MFR	MANUFACTURER	SQ	SQUARE
ARCH	ARCHITECT	DEP	DEPRESSED	FR	FRAME	MRB	MARBLE	STD	STANDARD
AUTO	AUTOMATIC	DIM	DIMENSION	FRA	FRESH AIR	MO	MASONRY OPENING	STL	STEEL
BRG	BEARING	DPR	DISPENSER	FBO	FURNISHED BY OTHERS	MTL	MATERIAL	STO	STORAGE
BET	BETWEEN	DIV	DIVISION	FUR	FURRED	MAX	MAXIMUM	STR	STRUCTURAL
BM	BENCH MARK	DR	DOOR	FUT	FUTURE	MECH	MECHANIC	SUSP	SUSPENDED
BVL	BEVELED	DH	DOUBLE HUNG	GA	GAGE, GAUGE	MED	MEDIUM	SYS	SYSTEM
BIT	BITUMINOUS	D	DRAIN	GALV	GALVANIZED	MET	METAL	T	TREAD
BOT	BOTTOM	DWG	DRAWING	GC	GENERAL CONTRACTOR	M	METER	THK	THICK (NESS)
BUDG	BUILDING	DF	DRAINING FOUNTAIN	GL	GLASS, GLAZING	MM	MILLIMETER	THR	THRESHOLD
CAB	CABINET	E	EAST	GLB	GLASS BLOCK	MIN	MINIMUM	TPTN	TOILET PARTITION
CPT	CARPET	ELEC	ELECTRIC (AL)	GB	GRAB BAR	MISC	MISCELLANEOUS	TPD	TYPICAL
CI	CAST IRON	EP	ELECTRICAL PANELBOARD	GF	GROUND FACE	MLD	MOLDING	TYP	TYPICAL
CPC	CAST-IN-PLACE CONCRETE	EL	ELEVATION	GWB	Gypsum WALL BOARD	MT	MOUNT (COMBINATION) TILE	VCT	VERTICAL
CB	CATCH BASIN	ELEV	ELEVATOR	HDWE	HARDWARE	MOV	MOVABLE	VERT	VERTICAL
CLG	CEILING	EMER	EMERGENCY	HDWD	HARDWOOD	MULL	MULLION	N	NORTH
CEM	CEMENT	ENC	ENCLOSURE	HDR	HEADER	NAT	NATURAL	NIC	NOT IN CONTRACT
CM	CENTIMETER	EPX	EPOXY COATED GREEN BAR	HVAC	HEATING/VENTILATION/AIR	NAT	NATURAL	NTS	NOT TO SCALE
CT	CERAMIC TILE	EQ	EQUAL	COND	CONDITIONING	PERF	PERFORATE	OC	ON CENTER
CHAM	CHAMFER	EQUIP	EQUIPMENT	HT	HEIGHT	PG	PLATE GLASS	OPG	OPENING
CIR	CIRCLE	EST	ESTIMATE	HC	HOLLOW CORE	PVC	POLYVINYL CHLORIDE	OWJ	OPEN-WEB JOIST
CIRC	CIRCUMFERENCE	EXC	EXHAUST	HM	HOLLOW METAL	PCF	POUNDS PER CUBIC FOOT	OD	OUTSIDE DIAMETER
CLO	CLOSET	EXISTG	EXISTING	HOR	HORIZONTAL	PSI	POUNDS PER SQUARE INCH	OA	OVERALL
CCLS	CLOSURE	EXP	EXPOSED	HHW	HOT WATER HEATER	RAD	RADIUS	PNT	PANT (ED)
COL	COLUMN	EXT	EXTERIOR	HR	HOUR	REF	REFERENCE	PNL	PANEL
COMB	COMBINATION	FOS	FACE OF STUDS	INCL	INCLUDE	REFL	REFLECT (ED)	PTD	PAPER TOWEL DISPENSER
COMPO	COMPOSITION (COMPOSITE)	FF	FACTORY FINISH	INDI	INSIDE DIAMETER	REFR	REFRIGERATOR	PTR	PAPER TOWEL RECEPTOR
CONC	CONCRETE	FAS	FASTEN, FASTENER	INS	INSULATE	REG	REGISTER	PBD	PARTICLE BOARD
CMU	CONCRETE MASONRY UNIT	FBD	FIBERBOARD	INT	INTERIOR	REQ'D	REQUIRED	WC	WATER CLOSET
CONST	CONSTRUCTION	FGL	FIBERGLASS	JT	JOINT	R	RISER	WD	WOOD
								WP	WATERPROOFED

SYMBOLS

	ELEVATION TAG		DOOR NUMBER
	SECTION TAG (FULL)		WINDOW NUMBER
	SECTION TAG (PARTIAL)		COLUMN LINE (VERTICAL)
	DETAIL TAG		COLUMN LINE (HORIZONTAL)
	WALL TAG		CENTERLINE
	ELEVATION DATUM TAG		INTERIOR ELEVATIONS TAG
	SPOT ELEVATION		
+ 276.0			

CLIENT



DESIGN CONSULTANT

CARDELLE DESIGN ASSOCIATES, LLC

BUILDING DESIGN • CONSTRUCTION DOCUMENTS • SPACE PLANNING



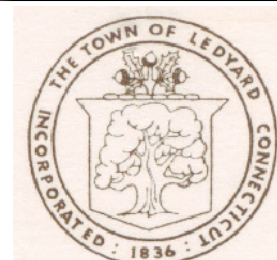
2 CHAPMAN LANE • BOX 3 • GALES FERRY, CT 06335
PHONE: 860-460-5152
EMAIL: SCARDELLE@CARDELLEDESIGN.COM

DRAWING LIST

ARCHITECTURAL

G-100 COVER SHEET
A-101 FLOOR PLAN, SECTION & DETAILS
A-102 SPECIFICATIONS & DETAILS

G-100



889-R COLONEL
LEDYARD HIGHWAY
LEDYARD, CONNECTICUT

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REVISIONS

LTR	DESCRIPTION	DATE
A	ISSUE FOR PERMIT/BID	2/27/12
B	CHANGES TO BID SET	4/5/12

IMPROVEMENTS TO TRUCK SHELTER
FLOOR PLAN, SECTION & DETAILS
PREPARED FOR
TOWN OF LEDYARD
FOR PROPERTY LOCATED AT
889-R COLONEL LEDYARD HIGHWAY
LEDYARD, CONNECTICUT

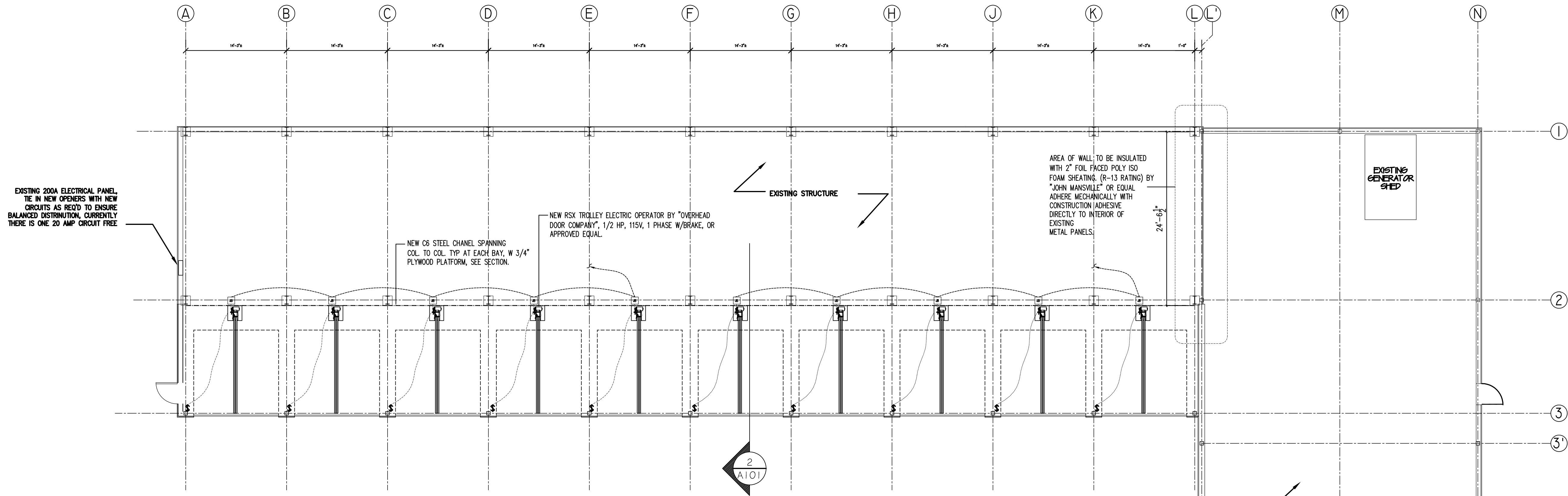
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A-101

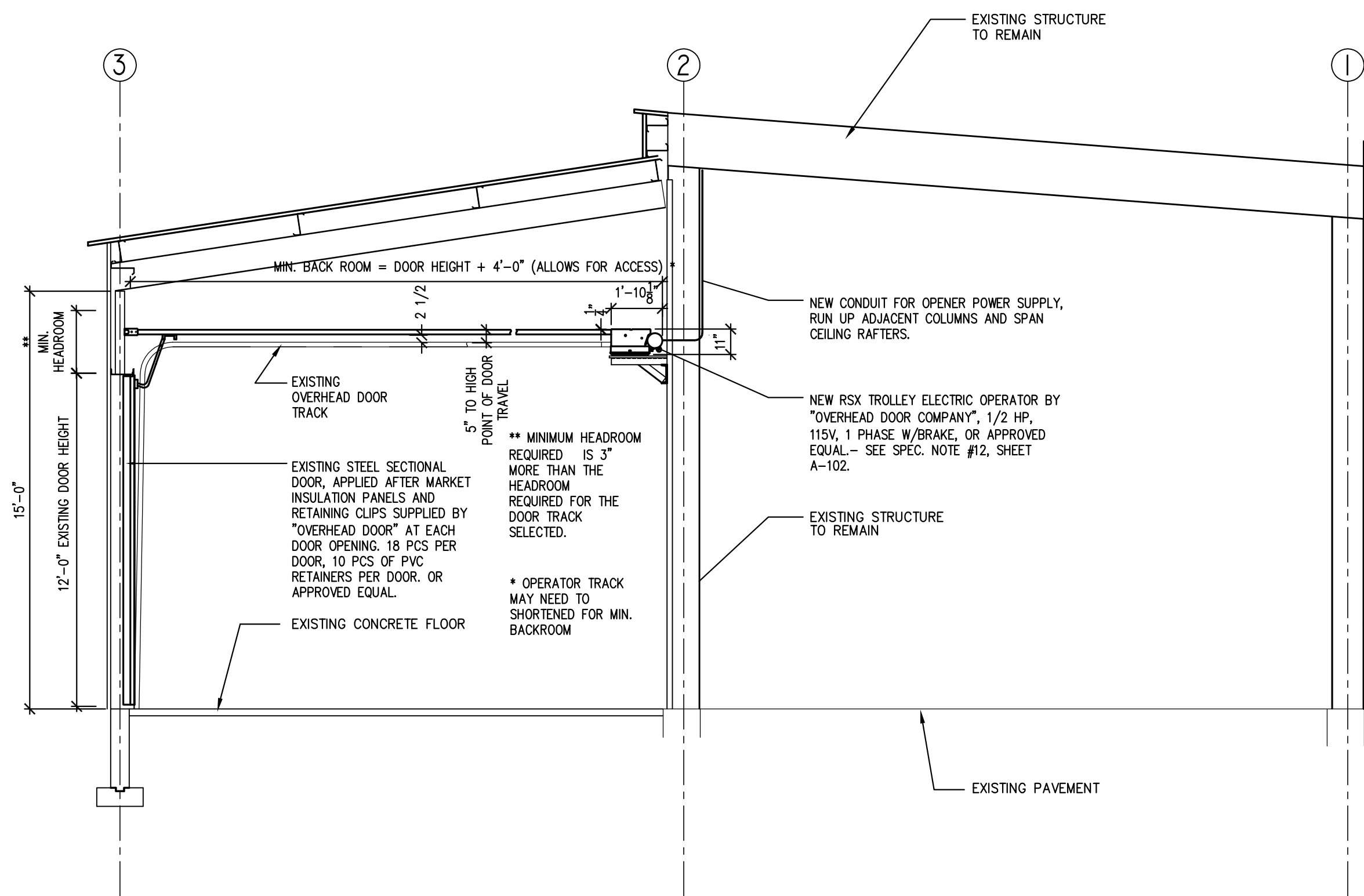
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Date 2/27/12

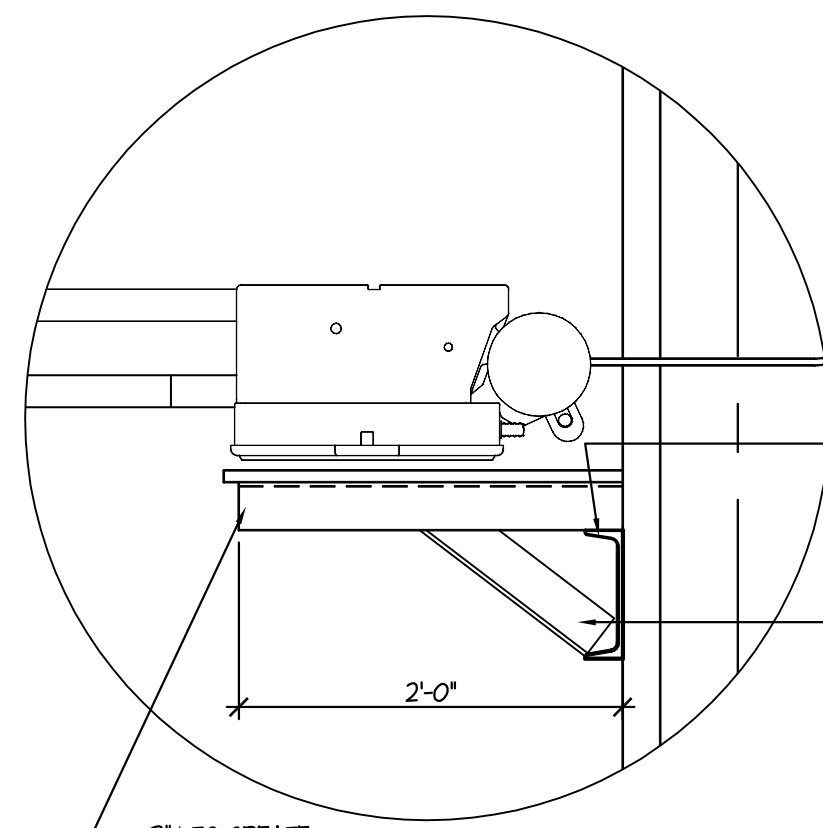
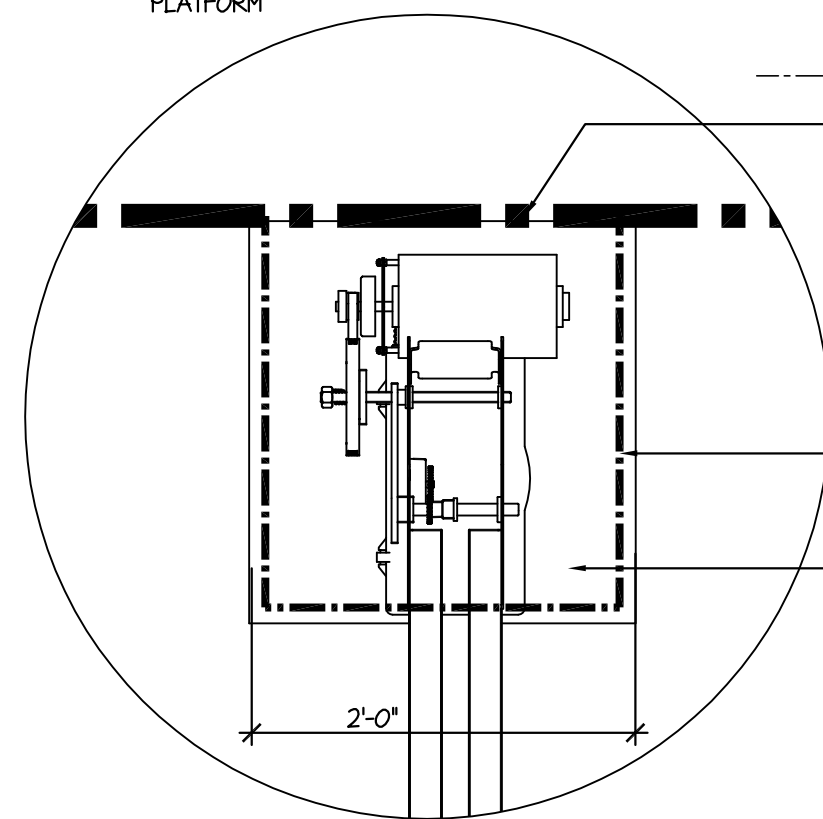
Project No. 2012-XX



1 FLOOR PLAN
1/8" = 1'-0"



2 CROSS SECTION
1/2" = 1'-0"



ELECTRICAL SPECIFICATIONS

1. GENERAL CONDITIONS

A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY ELECTRICAL EQUIPMENT NECESSARY TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR INSTALLATION OF ELECTRICAL WORK.

B. ALL ELECTRICAL WORK, MATERIALS AND EQUIPMENT SHALL CONFORM WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, UNDERWRITERS LABORATORIES, BOARD OF UNDERWRITERS, OSHA, NEMA, NFPA, WALL STANDARDS AND ALL AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL PAY FOR AND OBTAIN ALL REQUIRED PERMITS AND CERTIFICATES OF REQUIRED ORDINANCES, AND DELIVER THEM TO THE OWNER'S REPRESENTATIVE.

C. THE CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND WITH DIFFICULTIES THAT WILL ATTEND THE EXECUTION OF THIS WORK. THE CONTRACTOR SHALL PERFORM THIS PRIOR TO SUBMITTING HIS PROPOSAL. SUBMITTING A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT, OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.

D. UPON REVIEW OF THE DRAWINGS PRIOR TO SUBMITTING HIS PROPOSAL, THE ELECTRICAL CONTRACTOR SHALL INFORM THE DESIGNER AND/OR ENGINEER OF ANY DISCREPANCIES WITHIN THE DRAWINGS AND REQUEST CLARIFICATION CONCERNING THE DISCREPANCIES. LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS SHOULD SUCH PROCEDURE NOT BE FOLLOWED.

E. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH OTHER CONTRACTORS WHOSE WORK MIGHT AFFECT THIS INSTALLATION. THE CONTRACTOR SHALL ARRANGE ALL PARTS OF THIS WORK AND EQUIPMENT IN PROPER RELATION TO THE WORK AND EQUIPMENT OF OTHERS.

F. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUIT, OUTLET BOXES, POKE-THRU SERVICE FITTINGS REQUIRED TO FACILITATE THE INSTALLATION OF COMMUNICATION WIRING AND DEVICES.

G. THE DRAWINGS INDICATE THE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. VERIFY SCALE WITH DRAWINGS. THE EXACT LOCATION AND ELEVATION OF ALL LIGHTING FIXTURES, SWITCHES, RECEPTACLES, ETC. SHALL BE DETERMINED FROM THE DRAWINGS.

H. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" AND THE SPECIFICATIONS, AS APPLICABLE, ARE PART OF THE CONTRACT.

2. SCOPE OF WORK - THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, TOOLS, SUPERVISION, ETC. REQUIRED TO INSTALL, COMPLETE, OPERATIONAL ELECTRICAL SYSTEMS AS DESCRIBED IN THESE PLANS AND SPECIFICATIONS. SUCH INSTALLATIONS SHALL INCLUDE, BUT ARE NOT SPECIFICALLY LIMITED TO THE FOLLOWING:

A. INSTALLATION OF GARAGE DOOR OPENERS.

B. INSTALLATION OF WALL SWITCHES.

C. INSTALLATION OF RACEWAY AND CIRCUIT WIRING.

D. CUTTING, CHANNELLING, CORING AND CHASING REQUIRED TO ACCOMMODATE THE INSTALLATION OF ELECTRICAL WORK AND ROUGH PATCHING.

E. INSTALLATION OF ELECTRICAL DISTRIBUTION EQUIPMENT.

F. INSTALLATION OF CONDUIT, JUNCTION BOXES, PULL BOXES, ETC. REQUIRED FOR THE AFOREMENTIONED EQUIPMENT.

3. PANELBOARDS

A. A TYPEWRITTEN DIRECTORY OF CIRCUITS SHALL BE INSTALLED INSIDE OF EACH PANELBOARD DOOR. THE LIST SHALL INCLUDE AS-BUILT CONDITIONS INCLUDING ALL TYPES OF DEVICES SERVED BY EACH CIRCUIT. EACH PANEL SHALL BE EXTERNALLY TAGGED WITH PERMANENT PHENOLIC PLATE INDICATING PANEL IDENTIFICATION AND VOLTAGE.

B. PHASE LEGS OF PANELS SHALL BE BALANCED. ANY PANEL FOUND WITH UNBALANCED LOADS SHALL HAVE ITS CIRCUITS REARRANGED AS REQUIRED TO BALANCE PHASE LEGS.

C. THE SHORT CIRCUIT RATING OF A PANEL SHALL APPLY TO ALL BRANCH DEVICES. SERIES CONNECTED SHORT CIRCUIT RATING OF BRANCH DEVICES WILL NOT BE ACCEPTED.

4. CIRCUIT BREAKERS AND FUSES

A. CIRCUIT BREAKERS SHALL BE BOLT-IN TYPE. CIRCUIT BREAKERS SHALL BE OF THE SAME MANUFACTURER AND BE COMPATIBLE WITH THE PANELBOARD.

B. CIRCUIT BREAKERS SHALL BE QUICK-MAKE, QUICK-BREAK COMPENSATED FOR AMBIENT TEMPERATURES AND SHALL HAVE A MINIMUM SHORT CIRCUIT RATING OF 10,000 AMPERES SYMMETRICAL OR HIGHER WHERE NOTED ON PANEL SCHEDULE.

C. CIRCUIT BREAKERS SHALL BE OF THE "THERMAL-MAGNETIC" TYPE HAVING BIMETALLIC ELEMENT FOR TIME DELAY OVER LOAD PROTECTION AND MAGNETIC ELEMENT FOR SHORT CIRCUIT PROTECTION.

D. COORDINATE WITH ALL CONTRACTORS FOR THE ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT TO BE INSTALLED. DO NOT RUN CONDUIT AND CONDUCTORS PRIOR TO THE CONFIRMATION OF THE EQUIPMENT REQUIREMENTS.

5. DISCONNECT SWITCHES

A. THE CONTRACTOR SHALL SUPPLY AND INSTALL DISCONNECT SWITCHES AS SHOWN ON THE PLANS, OR AS OTHERWISE REQUIRED BY CODE, WHETHER SHOWN ON PLANS OR NOT.

B. ALL SWITCHES SHALL BE HEAVY DUTY QUICK-MAKE QUICK-BREAK TYPE, RATED AS REQUIRED. EACH SWITCH SHALL HAVE A SUFFICIENT NUMBER OF POLES TO INTERRUPT ALL UNGROUNDED CONDUCTORS. DISCONNECT SWITCHES SERVING MOTOR LOADS SHALL BE HORSEPOWER RATED.

C. FUSES SHALL BE INSTALLED IN ALL FIRED SWITCHES, SIZED AS INDICATED ON PLANS.

D. UNLESS OTHERWISE NOTED, INDOOR SWITCHES SHALL BE PROVIDED WITH NEMA 1 ENCLOSURES; OUTDOOR SWITCHES WITH NEMA 3R ENCLOSURES.

6. RACEWAYS

A. WHERE CONDUIT IS USED, 3/4" MINIMUM CONDUIT SHALL BE PROVIDED.

B. ALL CONDUITS TO BE SUPPORTED BY STANDOFFS.

C. WHEREVER CONDUITS PASS THROUGH FLOORS OR FIRE RATED PARTITIONS, SLEEVES SHALL BE INSTALLED. SLEEVES SHALL BE GROUTED IN PLACE IN THE SUPPORTING WALL OR FLOOR. THE SPACE BETWEEN THE SLEEVE AND CONDUIT SHALL BE PACKED WITH AN APPROVED, NONCOMBUSTIBLE, FIRE STOPPING MATERIAL. ALL NEW HOLES SHALL BE CORE DRILLED. NO CHIPPING SHALL BE PERMITTED, EXCEPT AS APPROVED BY THE PROJECT MANAGER.

D. FLEXIBLE CONDUIT SHALL BE USED TO MAKE FINAL CONNECTIONS TO MOTORS, TRANSFORMERS, RECESSED LIGHTING FIXTURES, EXPANSION JOINTS OR WHERE THE INSTALLATION OF RIGID CONDUIT IS IMPRACTICAL.

E. INSTALL CONDUIT CONTINUOUS BETWEEN BOXES AND CABINETS WITH NO MORE THAN FOUR 90 DEGREE BENDS. SECURELY FASTEN IN PLACE WITH STRAPS, HANGERS, AND STEEL SUPPORTS AS REQUIRED.

F. REAM AND THOROUGHLY CLEAN CONDUIT ENDS BEFORE INSTALLATION. OPENINGS SHALL BE PLUGGED OR COVERED TO KEEP CONDUIT CLEAN.

7. WIRE AND CABLE

A. FOR CONCEALED BRANCH CIRCUIT WIRING, TYPE MC FLEXIBLE METAL CONDUIT SHALL BE USED WHERE PERMITTED BY CODE. TYPE AC FLEXIBLE METAL CONDUIT AND ROMEX MAY NOT BE USED.

B. ALL CONDUCTORS SHALL BE SOFT ANNEALED 98% PURE INSULATED COPPER. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION AND RATED 90 DEGREE CELOUS UNLESS OTHERWISE NOTED. SERVICE ENTRANCE CONDUCTORS SHALL BE TYPE USE-2, RHW-2 OR XHHW-2.

C. CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED, #10 AND SMALLER SHALL BE SOLID.

D. THE MINIMUM WIRE SIZE FOR BRANCH CIRCUITS SHALL BE #12 AWG. LAYOUT OF BRANCH CIRCUIT WIRING AND ARRANGEMENT OF HOME RUNS SHALL BE FOR MAXIMUM ECONOMY AND EFFICIENCY.

F. FACTORY COLOR CODING SHALL CONFORM TO THE BUILDING STANDARD OR AS REQUIRED BY THE UTILITY COMPANY.

G. TAG ALL FEEDERS IN ALL PULL BOXES AND IN ALL GUTTER THROUGH WHICH THEY PASS.

H. MAKE SPLICES IN FEEDER TAPS IN PANEL BOX GUTTERS WITH PRESSURE TYPE CONNECTORS.

I. SPLICES IN CIRCUITS SHALL BE TWISTED AND MADE MECHANICALLY TIGHT. SECURE WITH SCOTCHLOCK OR DIGITAL CONNECTORS. CRIMP TYPE CONNECTORS SHALL NOT BE USED.

8. PULL BOXES, JUNCTION BOXES AND OUTLET BOXES

A. PULL BOXES, JUNCTION BOXES AND OUTLET BOXES SHALL BE MANUFACTURED FROM GALVANIZED INDUSTRY STANDARD GAUGE SHEET STEEL.

B. PROVIDE PULL BOXES AND JUNCTION BOXES IN RACEWAYS TO ASSURE THAT CABLES ARE NOT DAMAGED WHEN THEY ARE PULLED AND TO FULFILL MINIMUM CODE REQUIREMENTS.

C. PULL BOXES AND JUNCTION BOXES SHALL BE SIZED SO THAT THE MINIMUM BENDING RADIUS CRITERIA SPECIFIED FOR THE WIRES AND CABLE ARE MAINTAINED.

D. PROVIDE AND INSTALL ALL REQUIRED JUNCTION AND PULL BOXES REGARDLESS WHETHER INDICATED ON DRAWINGS OR NOT.

9. ELECTRICAL SYSTEMS

A. ALL ELECTRICAL SYSTEMS SHALL BE GROUNDED AS REQUIRED BY THE NATIONAL ELECTRICAL CODE, THE LOCAL UTILITY COMPANY AND ALL OTHER LOCAL AUTHORITIES HAVING JURISDICTION. PERMANENTLY AND EFFECTIVELY GROUND ALL METALLIC CONDUITS, SUPPORTS, CABINETS, PANELBOARDS AND SYSTEM GROUNDING NEUTRAL.

B. A SEPARATE GROUNDING CONDUCTOR SHALL BE INSTALLED IN ALL FLEXIBLE AND NONMETALLIC CONDUITS SIZED IN ACCORDANCE WITH THE EQUIPMENT GROUNDING CONDUCTOR TABLE OF THE NATIONAL ELECTRICAL CODE.

C. GROUND CLAMPS SHALL BE LISTED SPECIFICALLY FOR GROUNDING, WHERE GROUNDING CONDUCTOR IS ENCLOSED IN CONDUIT, GROUND CLAMP SHALL GROUND BOTH CONDUCTOR AND CONDUIT.

10. LIGHT AND POWER FOR THE PROJECT.

A. FURNISH AND INSTALL ALL LAMPS, BREAKERS, AND FUSING, AS IS NECESSARY.

B. REPLACE BURNED OUT LAMPS, DEFECTIVE BREAKERS OR BLOWN FUSES.

C. MAINTENANCE FOR THE ABOVE SHALL BE BASED ON OPERATION 1/2 HOUR BEFORE THE START OF THE FIRST TRADE THROUGH 1/2 HOUR AFTER THE END OF THE LAST TRADE.

D. SYSTEM SHALL BE NOMINALLY 120/208 VOLT, 3 PHASE, 4 WIRE ADEQUATE FOR ALL CONSTRUCTION NEEDS.

11. SYSTEM SHUT DOWN

A. SHOULD IT BE NECESSARY TO SHUT DOWN ANY EXISTING ELECTRICAL SYSTEM, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AND BUILDING MANAGEMENT, IN WRITING, AT LEAST 5 DAYS PRIOR TO THE REQUESTED DATE. ALL SHUT DOWN WORK SHALL BE DONE AFTER NORMAL BUILDING OPERATING HOURS, IF SO DIRECTED BY THE AFOREMENTIONED PARTIES, AT NO ADDITIONAL COST.

B. AT THE COMPLETION OF THE JOB THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL WORK AREA, RESTORING ANY DAMAGED OR DEFACED SURFACES OF FIXTURES OR EQUIPMENT TO THEIR ORIGINAL CONDITION. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SYSTEMS UNLESS THE OWNER SPECIFICALLY REQUESTS THAT THEY BE LEFT IN PLACE.

C. THE ELECTRICAL CONTRACTOR SHALL THOROUGHLY TEST ALL NEW ELECTRICAL SYSTEMS, INCLUDING THOSE INSTALLED BY OTHERS AND WIRED BY ELECTRICAL CONTRACTOR. CORRECT ALL FAULTY CONDITIONS AT NO EXTRA COST. ALL PANELS SHALL BE BALANCED SO THAT THERE IS NO MORE THAN 10% DIFFERENCE IN PHASE CURRENTS UNDER NORMAL OPERATING CONDITIONS. MODIFY PANEL SCHEDULES AS REQUIRED.

D. THE CONTRACTOR SHALL DEMONSTRATE TO THE OWNER THAT ALL ELECTRICAL DEVICES AND SYSTEMS ARE FULLY FUNCTIONAL, AND SHALL GIVE INSTRUCTIONS IN THEIR OPERATION AS REQUESTED.

E. ALL WORK SHALL BE GUARANTEED TO BE FULLY OPERATIONAL AND FREE OF DEFECTS FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE.

10. SUBSTITUTIONS

A. THE CONTRACTOR IS REQUIRED TO BID ON THIS PROJECT WITH THE UNDERSTANDING THAT ALL EQUIPMENT WILL BE PROVIDED AS SPECIFIED.

B. ANY SUBSTITUTIONS FROM THE SPECIFIED ITEMS MUST BE INCLUDED WITH A NUMBER INDICATING THE SAVINGS OVER THE SPECIFIED ITEMS THAT THE OWNER WILL REALIZE.

12. OVERHEAD DOOR OPERATOR

A. PROVIDE (1) RSK-T TROLLEY, 1/2 HP, 105U, SINGLE PHASE, ELECTRIC DOOR OPERATOR W/BRAKE FOR EACH DOOR AS MANUFACTURED BY "OVERHEAD DOOR CO." OR APPROVED EQUAL.

B. INCLUDE (1) 5TB PHOTO EYE KIT (35048RS.)

C. INCLUDE (1) H5-1 STRUT

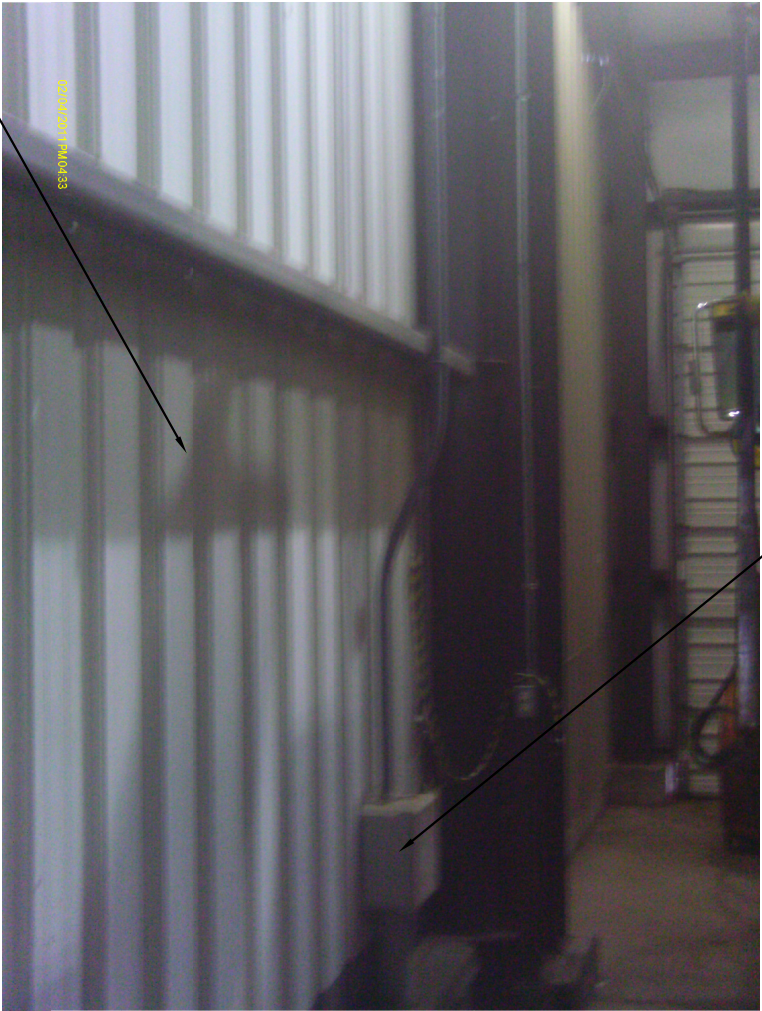
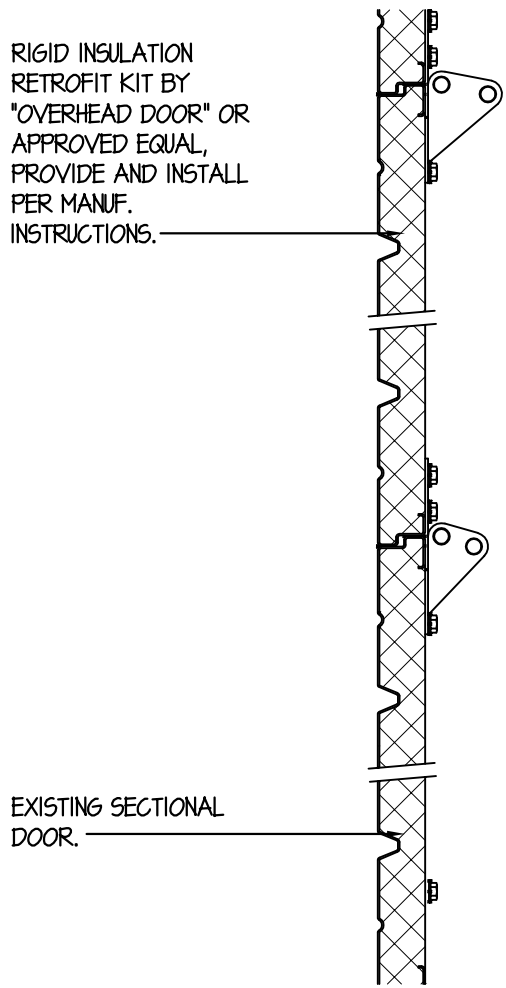
D. INCLUDE (1) SINGLE CHANNEL PROGRAMMABLE TRANSMITTER (340 1M42) (104303401S).

E. MANUFACTURER CONTACT INFO:

OVERHEAD DOOR CO. OF NORWICH, INC.
88 ROUTE 2-A
PRESTON, CT 06365
860-804-3048
P.O.C. JOE CORRON



SURFACES DIFFER AT COLUMN



NOTES:

1. TAPE SEAMS & CUTS WITH FOILED FACED TAPE (OR APPROVED SUBSTITUTE)

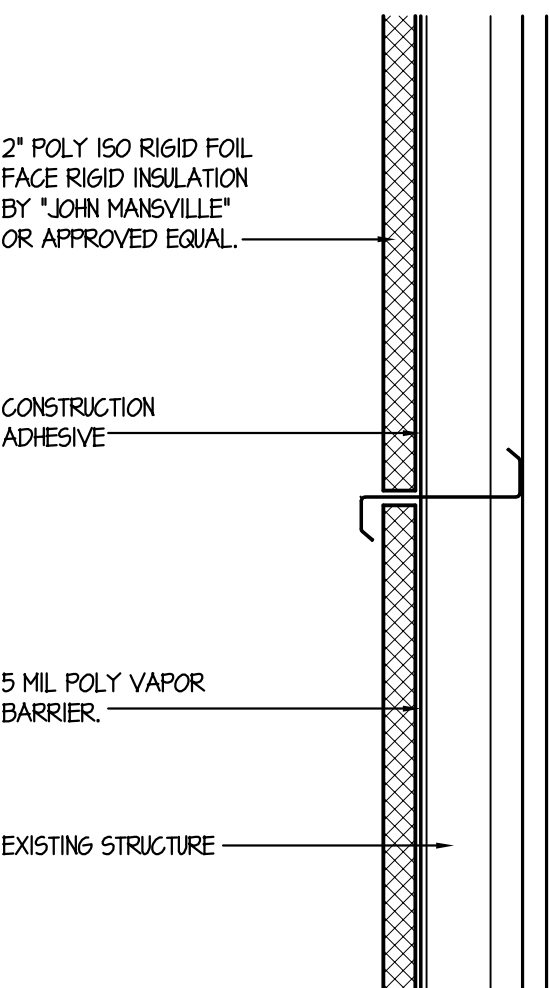
2. COMPATIBLE ADHESIVE W/ INSUL. MANUF.

3. CUT TO LONGEST PRACTICAL SIZE PIECES TO MINIMIZE JOINTS.

2 GARAGE DOOR DETAIL
1" = 1'-0"



TRIM AROUND EXISTING ELECTRIC AND MECHANICAL EQUIPMENT, MAINTAIN ACCESS TO EQUIPMENT.



2 INSULATION DETAIL
1" = 1'-0"

REVISIONS		
LTR	DESCRIPTION	DATE
A	ISSUE FOR PERMIT/BID	02/27/12
B	CHANGES TO BID SET	4/5/12