DESIGN CODES AND LOADING:
INTERNATIONAL BUILDING CODE (2009 EDITION)

LIVE LOADS:
ROOF SNOW: 50 PSF
FLOOR: 100 PSF

LATERAL LOADS:
WIND: V3S =101 MPH, EXP B, Iw =1.0, Kzt = 1.00
SEISMIC: Ss=0.313, S1=0.077, Sds= 0.323, Sd1= 0.123, Ie=1.0
OCCUPANCY CATEGORY II
SEISMIC SOIL SITE CLASS D
SEISMIC DESIGN CATEGORY B

GENERAL:
THE INTERNATIONAL BUILDING CODE AND STANDARDS SHALL GOVERN ALL MATERIALS AND WORKMANSHIP.

ALL TEMPORARY SHORING OR BRACING IS THE RESPONSIBILITY OF THE CONTRACTOR. THE DRAWINGS REFLECT THE FINAL FINISHED CONDITION OF THE STRUCTURE.

THESE DRAWINGS ARE NOT INTENDED TO SHOW EACH AND EVERY CONDITION, BUT INDICATE THE GENERAL CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY DETAILED, SIMILAR CONDITIONS SHALL BE USED AT THE DISCRETION AND APPROVAL OF THE ARCHITECT AND ENGINEER.

THE CONTRACTOR IS RESPONSIBLE FOR ALL JOB SITE SAFETY AS WELL AS ALL MEANS, METHODS, AND SEQUENCES OF CONSTRUCTION TO SAFELY PERFORM THE WORK. AUE ENGINEERS HAS NO EXPERTISE IN NOR HAS BEEN RETAINED TO PROVIDE REVIEW OF THE CONTRACTORS SAFETY PRECAUTIONS AS THEY RELATE TO THE CONSTRUCTION OF THIS PROJECT.

IF ANY ERROR OR OMISSION APPEARS IN THESE DRAWINGS, SPECIFICATIONS, OR OTHER DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF SUCH OMISSION OR ERROR BEFORE PROCEEDING WITH THE WORK, OR ACCEPT FULL RESPONSIBILITY FOR THE COST TO RECTIFY SAME. VERIFY AND COORDINATE OPENINGS IN FLOORS, WALLS AND ROOF WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

THE ARCHITECTURAL DRAWINGS SHALL BE REFERENCED FOR WALLS, FINISHES AND DIMENSIONS. DIMENSIONS PROVIDED ON THE STRUCTURAL DRAWINGS ARE FOR REFERENCE ONLY AND SHALL BE VERIFIED BY THE ARCHITECTURAL DRAWINGS.

DRAWINGS ARE NOT TO BE SCALED.

SHOP DRAWINGS:
SHOP DRAWINGS ARE SPECIFICALLY REQUIRED FOR THE FOLLOWING ITEMS.
STRUCTURAL STEEL

THESE DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND ARCHITECT FOR REVIEW. THE REVIEW WILL BE FOR THE DESIGN INTENT ONLY. THE SHOP DRAWINGS SHALL BE SUBMITTED BEFORE PROCEEDING WITH FABRICATION AND SHALL ALLOW TWO WEEKS MINIMUM FOR REVIEW. WE WILL REVIEW ONLY ONE REPRODUCIBLE SET AND ONE COPY TO BE RETAINED BY AUE.

STRUCTURAL STEEL:
GENERAL REQUIREMENTS:
TUBE COLUMNS: ASTM A500 GRADE B (Fy=46000 psi).
PIPE COLUMNS: ASTM A53 GRADE B (Fy=35,000 psi).
ALL 'W' AND 'H' SHAPES: A992, (Fy=50,000 psi).
ALL OTHER STEEL: ASTM A36.
ALL STAINLESS STEEL 316L (Fy=30,000 psi).
ALL BOLTS: ASTM A325 INSTALLED PER CRITERIA FOR SLIP CRITICAL CONNECTIONS U.N.O.
ALL ANCHOR BOLTS: ASTM F1554 GRADE 36, U.N.O. FURNISH ANCHOR RODS WITH MATCHING DOUBLE HEAVY HEX NUTS AT THE END EMBEDDED IN CONCRETE.

CAST-IN HEADED BOLTS SHALL BE PLACED ACCURATELY INTO FINAL POSITION PRIOR TO POURING CONCRETE. ADDING BOLTS AFTER A POUR OR 'WET STICKING' IS NOT ALLOWED.

PROVIDE WASHERS FOR ALL BOLTS AS REQUIRED BY AISC. AS A MINIMUM PROVIDE STANDARD CUT WASHERS UNDER ALL NUTS.

ONE COAT OF APPROVED SHOP PAINT MINIMUM TO ALL STEEL NOT EMBEDDED IN CONCRETE. FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC (ASD) SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. STEEL NOTED AS GALVANIZED SHALL BE HOT-DIP GALVANIZED UNO.

CONTRACTOR SHALL DESIGN AND SUPPLY ALL ADDITIONAL MISCELLANEOUS METALS THAT ARE INDICATED IN THE ARCHITECTURAL DRAWINGS OR THOSE METALS WHICH ARE FOUND TO BE NECESSARY TO SUPPORT THE ARCHITECTURAL FINISHES OR OTHER BUILDING SYSTEMS. ALL FRAMING AND CONNECTIONS DESIGNED BY THE CONTRACTOR SHALL NOT RESULT IN ECCENTRIC LOADS BEING APPLIED TO THE PRIMARY STRUCTURE OR LATERAL LOADS BEING APPLIED TO THE BOTTOM FLANGE OF STEEL BEAMS. SUBMIT CALCULATIONS STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT ALONG WITH SHOP DRAWINGS NOTING THE LOADING IMPOSED ON THE PRIMARY STRUCTURE.

WELDING REQUIREMENTS:
ALL WELDING SHALL MEET AWS/MBO CODES FOR ARC WELDING IN BUILDING CONSTRUCTION.

EXCEPT AS SPECIFIED IN THE SPECIAL PROCEDURE OF THIS SECTION, ELECTRODES MAY BE E70 (70 KSI MINIMUM). ELECTRODES MUST BE KEPT DRY AT ALL TIMES.

MINIMUM WELDS SHALL BE 3/16" OR AS NOTED IN SECTION J.2b OF AISC (WHICHEVER IS LARGER)

ALL WELDING OF STAINLESS STEEL SHALL USE E309 ELECTRODES WITH A GMAC PROCESS

FIELD AND SHOP WELDING SHALL BE PERFORMED BY AWS/MBO CERTIFIED WELDERS.

POST INSTALLED ANCHORS:
MASONRY INSTALLATION: U.N.O., INSTALLATION SHALL BE IN GROUTED CELLS ONLY. IF EMBEDMENT MUST BE PROVIDED IN AN UN-GROUTED CELL, NEW GROUT SHALL BE ADDED AT THAT CELL EXTENDING TO THE HORIZONTAL BOND BEAM BELOW. ONE EMBEDDED ITEM ONLY PER GROUTED CELL IS ALLOWED AND NO EMBEDDED ITEMS ARE ALLOWED WITHIN 8" OF A FREE EDGE.

HILTI HIT HY-70 (ICC ESR-2682) OR APPROVED EQUAL SHALL BE USED FOR GROUTED MASONRY CONSTRUCTION, POWERS T308+ EPOXY (ICC ESR-3149) OR APPROVED EQUAL SHALL BE USED FOR UN-GROUTED MASONRY CONSTRUCTION, AND POWERS PE1000+ EPOXY (ICC ESR-2583, LARR-25849) OR APPROVED EQUAL SHALL BE USED FOR CONCRETE CONSTRUCTION WHERE EPOXY GROUT IS SPECIFIED, U.N.O ON PLANS OR IN DETAILS.

MANUFACTURER'S RECOMMENDATIONS AND ICC REPORT SHALL BE FOLLOWED DURING THE PREPARATION AND INSTALLATION OF ALL GROUTED BOLTS, RODS AND REINFORCING BARS.

POWERS POWER-STUD+ SD1 (ICC ESR-2966, LARR-25864) OR APPROVED EQUAL FOR MASONRY CONSTRUCTION AND POWERS POWER-STUD+ SD2 (ICC ESR-2502, LARR-25831) OR APPROVED EQUAL FOR CONCRETE CONSTRUCTION SHALL BE USED WHERE EXPANSION BOLTS ARE SPECIFIED, U.N.O. ON PLANS OR IN DETAILS.

NO REINFORCING SHALL BE CUT TO INSTALL ANCHORS. DEFECTIVE OR ABANDONED HOLES SHALL BE FILLED WITH NON-SHRINK GROUT THAT AS A MINIMUM MATCHES THE ADJACENT CONCRETE/MASONRY STRENGTH.

SPECIAL INSPECTION IS REQUIRED FOR INSTALLATION OF ALL POST INSTALLED ANCHORS.

POWDER ACTUATED FASTENERS:
POWDER ACTUATED FASTENERS (PAF) SPECIFIED ON THE PLANS, SHALL BE 0.157" DIA. HILTI X-U (ICC ESR-2269, LARR 25675) AT CONCRETE/CMU AND STEEL OR APPROVED EQUAL.

MANUFACTURER'S RECOMMENDATIONS AND ICC REPORT SHALL BE FOLLOWED DURING THE PREPARATION AND INSTALLATION OF ALL PAF'S.

1-1/4" MINIMUM EMBEDMENT IN CONCRETE IS REQUIRED WITH A 4" MINIMUM SPACING AND A MINIMUM OF 3" FROM ANY EDGE.

FULL PENETRATION OF THE SHAFT IS REQUIRED WHEN EMBEDDED INTO STEEL. A MIN. SPACING BETWEEN PAF OF 1" AND MIN. EDGE DISTANCE OF 1/2" U.N.O. ON PLANS.

WASHERS ARE REQUIRED WHEN PAF ARE USED WITH WOOD MEMBERS.

FLOOR SHEATHING: (METAL STUD FRAMING)
3/4" NOMINAL FLOOR SHEATHING IS REQUIRED.

ALL FLOOR SHEATHING MUST BE APA RATED T4G STURD-I-FLOOR PLYWOOD SIZED FOR SPACING (48/24 MIN.).

PANELS SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND ENDS STAGGERED ON ALTERNATING SUPPORTS. PANELS SHALL BE INSTALLED WITH 1/8" MINIMUM SPACING BETWEEN EDGE AND END JOINTS. GLUE AND NAIL TO ALL SUPPORTS AND BLOCKING.

#10 SELF-DRILLING/SELF-TAPPING BUGLE HEAD SCREWS (0.190" DIA. WITH A MIN MIN LENGTH OF 1 1/2") AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS U.N.O. ON DRAWINGS ARE REQUIRED. WHERE FLOOR JOISTS HAVE A DESIGNATED THICKNESS GREATER THAN 54 MILS SUBSTITUTE #10 SCREWS FOR #8. SCREW INSTALLATION SHALL FOLLOW THE REQUIREMENTS STATED IN THE METAL STUD SECTION OF THE GENERAL NOTES

FLOOR PLYWOOD SHEATHING SHALL BE PLACED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS.

EXPOSURE DURABILITY CLASSIFICATION "EXTERIOR" SHALL BE REQUIRED FOR ALL DECKS, EXPOSED SURFACE WALK-WAYS, ETC; AND "EXPOSURE 1" IS REQUIRED FOR INTERIOR USE.

CONVENTIONAL STRUCTURAL LUMBER:
STRUCTURAL WOOD GRADES:
JOISTS---------- H.F. #2,
BEAMS AND POSTS----------H.F. #1,
STUDS----------H.F. #2 OR BETTER.

GENERAL REQUIREMENTS:
ALL TIMBER DIMENSIONS NOTED ARE NOMINAL.

ALL WOOD ADJACENT TO OR WITHIN 1" OF CONCRETE OR CMU OR WITHIN 6" OF EARTH SHALL BE TREATED WITH AN APPROVED PRESERVATIVE.

MILD STEEL PLATE WASHERS ARE REQUIRED AT ALL BOLTS AND NUTS BEARING ON WOOD EXCEPT THAT 1/4" X 3" X 3" PLATE WASHERS SHALL BE PROVIDED AT SILL PLATES IN 4" WIDE WALLS AND 1/4"X3"X4-1/2" WASHERS AT 6" WIDE WALLS. PLATE WASHER MUST BE LOCATED SUCH THAT GAP TO PLYWOOD SHEATHING DOES NOT EXCEED 1/2". CAST IN PLACE HEADED BOLTS FOR SILL PLATES TO BE TIED INTO THE REINFORCING SO THAT THEY EXTEND PERPENDICULAR FROM SURFACE, DO NOT 'WET SET' BOLTS.

ALL MINIMUM NAILING SHALL MEET THE REQUIREMENTS OF TABLE 2304.9.1 OF THE IBC U.N.O. ALL NAILS ARE TO BE 'COMMON' (10d NAIL DIAMETER TO BE 0.148", 16d DIAMETER TO BE 0.162").

ALL LAG AND WOOD SCREWS TO BE THREADED FULL LENGTH OF THE PORTION EMBEDDED INTO THE WOOD UNLESS SPECIFICALLY ALLOWED OTHERWISE WHEN THEY SHALL BE 'FULL BODIED' LAGS ABOVE THE THREADS. FOR LAG SCREWS OVER 3/8" DIAMETER PROVIDE A PILOT HOLE APPROXIMATELY 65 PERCENT THE DIAMETER OF THE LAG AT THE ROOT OF THE THREADED PORTION. ALL LAG AND WOOD SCREWS MUST BE 'TURNED' FOR INSTALLATION DO NOT DRIVE INTO PLACE.

BOLTS, SCREWS, LAGS AND NAILS PLACED IN PRESERVATIVE TREATED TIMBER SHALL BE HOT DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. ALL CONNECTORS IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL HAVE AS A MINIMUM ZINC COATED GALVANIZED STEEL PER ASTM A653 TYPE G185 OR EQUIVALENT.

ALL FRAMING CONNECTORS NOTED ARE PER SIMPSON STRONG TIE COMPANY INC. OR ENGINEER APPROVED EQUAL. FOLLOW ALL MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS.

ALL TREATED WOOD SHALL BE BRANDED WITH A QUALITY CONTROL AGENCY MARK BY AMERICAN WOOD PRESERVERS BUREAU OR EQUAL.

STANDARD FRAMING REQUIREMENTS:
A MINIMUM OF TWO CRIPPLE STUDS SHALL BE USED UNDER EACH SIDE OF ALL 4x HEADERS, U.N.O.

A MINIMUM OF THREE STUDS ARE REQUIRED UNDER ALL 6x BEAM, GLB, OR GIRDER TRUSS, U.N.O.

INTERIOR BEARING WALLS ARE TO BE 2x4 @ 16" O.C. U.N.O.

EXTERIOR STUD WALLS ARE TO BE 2x6 @ 16" O.C., U.N.O.

SIMPSON'S "PC" CONNECTOR SHALL BE USED FOR BEAM TO POST CONNECTION WHERE BEAM SPAN IS 4'-0" OR GREATER.

ALL TOP PLATE SPLICES SHALL BE EITHER A SIMPSON ST2215 OR 4'-0" MINIMUM LAPPED PLATES WITH (10) 16d EACH SIDE OF SPLICE.

STEEL STUDS AND JOISTS:
GENERAL REQUIREMENTS:
STEEL STUD MANUFACTURERS ASSOCIATION, LATEST EDITION SHALL GOVERN FOR ALL STEEL STUDS & JOISTS SPECIFIED.

DEPTH, GAUGE, AND SECTION PROPERTIES OF STEEL STUDS AND JOISTS SHALL MEET OR EXCEED THOSE OF THE SECTIONS SPECIFIED (ESR-3064P).

G-60 GALVANIZED COATING PER ASTM A653 IS REQUIRED FOR ALL STEEL STUDS AND JOISTS

ALL SCREWS SHALL BE SELF-TAPPING / SELF-DRILLING FASTENERS THAT ARE ZINC COATED AS MANUFACTURED BY HILTI KWIK-FLEX (ICC ESR-2196, LARR 25095) OR APPROVED EQUAL. THE MINIMUM SCREW SIZE TO BE #8-18 (#2 POINT) OR #10-16 (#2 POINT) FOR 54 MIL (16 GA) OR LESS AND #10-16 (#3 POINT) OR #12-14 (#2 OR #3 POINT) FOR MATERIAL HEAVIER THAN 54 MIL (16 GA) U.N.O. ON THE DRAWINGS. SCREWS FOR SHEATHING CONNECTIONS SHALL BE OF THE PROPER SIZE AND TYPE FOR A POSITIVE SHEATHING TO METAL CONNECTION. ALL SCREW CONNECTIONS SHALL BE MADE FROM THE LIGHTER MATERIAL INTO THE HEAVIER MATERIAL U.N.O. SCREWS SHALL HAVE A MINIMUM PROJECTION OF 3 THREADS THROUGH THE LAST MATERIAL JOINED AND SHALL HAVE MINIMUM EDGE DISTANCES AND CENTER TO CENTER SPACINGS OF 1/2 INCH. ALL SCREWS SHALL CONFORM TO SAE J78 AND SHALL BE COATED WITH A CORROSIVE RESISTANT COATING. THE SCREW MANUFACTURER SHALL PROVIDE VERIFICATION OF THE FASTENERS RESISTANCE TO HYDROGEN EMBRITTLEMENT.

ALL FRAMING COMPONENTS SHALL BE SQUARE CUT FOR ATTACHMENT TO PERPENDICULAR MEMBERS.

STUDS SHALL BE INSTALLED IN A MANNER WHICH WILL ASSURE THAT ENDS OF THE STUDS ARE POSITIONED AGAINST THE INSIDE TRACK WEB PRIOR TO STUD AND TRACK ATTACHMENT.

PROVIDE WALL BRIDGING AT 48" O/C PER MANUFACTURER'S SPECIFICATIONS WHERE WALL IS NOT SHEATHED CONTINUOUSLY ON BOTH SIDES AND AS SHOWN IN DRAWINGS. PROVIDE WALL BRIDGING PER MANUFACTURER'S SPECIFICATIONS FOR WALLS DURING THE CONSTRUCTION PROCESS WHERE THEY ARE NOT SHEATHED PRIOR TO RESISTING LOADS.

JOISTS SHALL BE LOCATED DIRECTLY OVER STUDS, TYPICAL.

NO SPLICES ARE PERMITTED IN STUDS.

ALL SECTIONS SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE FOLLOWING REQUIREMENTS:
97, 68 & 54 MIL. THICKNESS (GAGES 12, 14 & 16) ---- ASTM A-653 GRADE D, YIELD 50 KSI, Fu= 65KSI
43, 33 & 27 MIL. THICKNESS (GAGES 18, 20 & 22) ---- ASTM A-635 GRADE A, YIELD 33 KSI, Fu= 45KSI

ALL TRACKS, BRIDGING, STRAPS ETC. ARE TO BE FORMED FROM STEEL OF THE SAME THICKNESS AS THE STUDS OR JOISTS TO WHICH THEY ARE ATTACHED, U.N.O.

METAL STUD DESIGNATION IS THUS:
'600' - MEMBER DEPTH IN 1/100 INCH (6")
'S' - STYLE OF MEMBER (S = STUD/JOIST, T = TRACK, U = CHANNEL, F = FURRING CHANNEL.)
'162' - MEMBER FLANGE WIDTH IN 1/100 INCH (1.625" = 1-5/8")
'54' - MINIMUM STEEL THICKNESS IN MILS (54 MILS. = 0.054", OLD DESIGNATION OF 16 GA.)

SPECIAL INSPECTIONS:
GENERAL REQUIREMENTS:
ALL SPECIAL INSPECTIONS SHALL MEET THE REQUIREMENTS OF THE 2009 IBC, CHAPTER 17.

ALL INSPECTIONS AS REQUIRED BY SECTION 110 OF THE 2009 INTERNATIONAL BUILDING CODE ARE REQUIRED. INSPECTIONS SPECIFIED IN THESE NOTES ARE IN ADDITION TO THESE INSPECTIONS.

CITY INSPECTION IS NOT A SUBSTITUTE FOR SPECIAL INSPECTION.

ANY WORK WHICH HAS BEEN COVERED BUT NOT PROPERLY INSPECTED BY THE SPECIAL INSPECTOR AND/OR THE CITY INSPECTOR IS SUBJECT TO REMOVAL OR EXPOSURE.

WHERE SPECIFICALLY REQUIRED, CONTINUOUS INSPECTION IS REQUIRED DURING THE PERFORMANCE OF THE WORK. THIS MAY BE A REQUIREMENT OF THE BUILDING CODE / LOCAL JURISDICTION OR THE MANUFACTURER.

THE SPECIAL INSPECTOR MUST BE CERTIFIED TO PERFORM THE TYPES OF INSPECTION SPECIFIED AND SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE BUILDING OFFICIAL.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND INFORMING THE SPECIAL INSPECTOR OR CITY INSPECTOR AT LEAST ONE WORKING DAY BEFORE THE WORK IS TO BE PERFORMED UNLESS OTHER CONDITIONS ARE AGREED UPON.

REQUIREMENTS OF THE SPECIAL INSPECTOR:
THE SPECIAL INSPECTOR MUST WORK UNDER THE SUPERVISION OF A MAINE LICENSED CIVIL ENGINEER.

THE SPECIAL INSPECTOR MUST PERSONALLY BE FAMILIAR WITH THE DRAWINGS AND MUST PERSONALLY OBSERVE ALL OF THE WORK REPORTED ON.

THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING DEPARTMENT AND ENGINEER. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO THE BUILDING DEPARTMENT AND ENGINEER.

THE FINAL REPORT SHALL BE SIGNED BY A MAINE LICENSED CIVIL ENGINEER AND SHALL STATE THAT THE WORK WAS IN CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF IBC.

SPECIFIC SPECIAL INSPECTIONS REQUIRED:

PLACEMENT OF ALL BOLTS, REINFORCING, AND EMBEDS IN CONCRETE.

ALL SHEATHED DIAPHRAGMS INCLUDING SHEARS WALLS, FLOORS, AND ROOFS.

ALL EPOXY GROUTING OF BOLTS OR REINFORCING BARS.

ALL EXPANSION BOLTS.

ALL WELDING OF STEEL EXCEPT WELDING PERFORMED IN AN AISC APPROVED SHOP.

DISCLAIMER:
THESE DOCUMENTS AND THE DESIGN ARE SPECIFIC TO THIS PROJECT ONLY AND MAY NOT BE REUSED IN ANY WAY WITHOUT WRITTEN APPROVAL OF ARMOUR UNSDERFER ENGINEERING. IT IS OUR INTENT THAT THIS DESIGN MEETS THE NORMAL STANDARD OF CARE WITHIN THIS INDUSTRY. NO OTHER WARRANTY IS PROVIDED OR IMPLIED.

GENERAL ABBREVIATIONS:

AB, A.B.	ANCHOR BOLT	CJ, C.J.	CONTRACTUAL JOINT	EJ, E.J.	EXPANSION JOINT	GRD	GRADE	LVL	MICROLLAM BEAM	PT, P.T.	PRESSURE TREATED	T&G	TONGUE AND GROOVE
ABV.	ABOVE	CL	CENTER LINE	EMBED.	EMBEDMENT	GWB	GYPSUM WALL	MAS.	MASONRY	P/T	POST TENSIONED	THR'D	THREAD(ED)
ADD'L	ADDITIONAL	CLR	CLEAR	EL, ELEV.	ELEVATION		BOARD	MAT'L	MATERIAL	QTY	QUANTITY	TJ	TRUSS JOIST
ADJ.	ADJACENT	CMU	CONC. MASONRY UNIT	EN, E.N.	EDGE NAIL	HDR	HEADER	MB	MACHINE BOLT	REF.	REFERENCE		MACMILLAN
ALT.	ALTERNATE	COL.	COLUMN	ENG	ENGINEER	HF, H.F.	HEM-FIR		(A307)	REINF.	REINFORCEMENT	TMPRY	TEMPORARY
APPRX.	APPROXIMATE	CONC.	CONCRETE	EQ	EQUAL	HGR	HANGER	MD	MID-DEPTH	REQ'D	REQUIRED	TN, T.N.	TOE NAIL
ARCH	ARCHITECTURAL	CONN.	CONNECT(ION)	ES, E.S.	EACH SIDE	HORZ.	HORIZONTAL	MRF	MOMENT RESISTING	RO, R.O.	ROUGH OPENING	T.O.	TOP OF
@	AT	CONST.	CONSTRUCTION	EXIST.	EXISTING	HSB	HIGH STRENGTH BOLT		FRAME	SCHD	SCHEDULE	TRANS.	TRANSVERSE
BOT.	BOTTOM	CONT.	CONTINUOUS	EXT.	EXTERIOR		(A325 UNO)	MFR	MANUFACTURER	SHT	SHEET	TYP.	TYPICAL
BF, B.F.	BRACED FRAME	CTSK	COUNTERSINK	FFE	FINISH FLOOR ELEV.	HT	HEIGHT	MTL	METAL	SHTG	SHEATHING	UNO	UNLESS OTHERWISE
BEL.	BELOW	d	PENNY (NAILS)	FAB.	FABRICATION	IF, I.F.	INSIDE FACE	(N)	NEW MEMBER	SIM.	SIMILAR		NOTED
BLDG	BUILDING	DET.	DETAIL	FND	FOUNDATION	INT.	INTERIOR	NS, N.S.	NEAR SIDE	SKW	SKEW(ED)	VERT.	VERTICAL
BLKG	BLOCKING	DBL	DOUBLE	FIN.	FINISH(ED)	JST	JOIST	NTS	NOT TO SCALE	SOG	SLAB ON GRADE	VFY	VERIFY
BN, B.N.	BOUNDARY NAIL	DF, D.F.	DOUGLAS FIR	FLG	FLANGE	JT	JOINT	OC, O.C.	ON CENTER	SPC	SPACING	W/	WITH
BNDRY	BOUNDARY	ø, DIA.	DIAMETER	FLR	FLOOR	K	KIPS (1,000 POUNDS)	OF, O.F.	OUTSIDE FACE	SQ.	SQUARE	WHS	WELDED HEADED
BM	BEAM	DIAG.	DIAGONAL	FN, F.N.	FACE NAIL	LAT.	LATERAL	OH	OVER HANG	SS	SELECT STRUCTURAL		STUD
B.O.	BOTTOM OF	DIAPH.	DIAPHRAGM	FO, F.O.	FACE OF	LDGR	LEDGER	OPN'G	OPENING	STD	STANDARD	WP	WORK POINT
BRDG	BRIDGE (ING)	do	DITTO (DO OVER)	FRMG	FRAMING	LF	LINEAL FEET	ORNT	ORIANTATE(ION)	STGR	STAGGER	WS	WESTERN SERIES
BRG	BEARING	D	DEPTH	FS, F.S.	FAR SIDE	LLH	LONG LEG HORIZ.	PAR	PARALLEL	STIFF.	STIFFENER	WTS	WELDED THREADED
B/W	BETWEEN	DWG	DRAWING	FTG	FOOTING	LLV	LONG LEG VERTICAL	P/C	PRECAST CONCRETE	STIR.	STIRRUP		STUD
CAM	CAMBER(ED)	DWL	DOWEL	GA	GAGE	LS	LAG SCREW	PERP.	PERPENDICULAR	STL	STEEL	WWF	WELDED WIRE FABRIC
CANT.	CANTILEVER(ED)	(E)	EXISTING MEMBER	GALV.	GALVANIZED	LSL	TIMBER STRAND	PL	PLATE	STRUC.	STRUCTURE(AL)	X-STG	EXTRA STRONG
CG	CENTER OF GRAVITY	EA.	EACH	GB, G.B.	GRADE BEAM		BEAM	PLYWD	PLYWOOD	SYM.	SYMETRICAL	XX-STG	DOUBLE EXTRA
CIP	CAST IN PLACE	EF, E.F.,	EACH FACE	GLB	GLU-LAM. BEAM	LT WT	LIGHT HEIGHT	PSL,	PARALLAM BEAM	T	TOP		STRONG

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Issue	Date	Issue	Date
A. ISSUE FOR HISTORIC REVIEW	07/01/15	⚠ ISSUE FOR HISTORIC REVIEW	07/16/15
B. ISSUE FOR LL REVIEW/PRELIM	07/10/15	⚠ ISSUE FOR HISTORIC REVIEW	07/23/15
PRICING			
C. ISSUE FOR DEMO PERMIT	07/20/15		
D. ISSUE FOR PERMIT	07/24/15		

Project
FAT FACE PORTLAND
34 EXCHANGE STREET
PORTLAND, ME 04104

Drawing Title
GENERAL NOTES & ABBREVIATIONS

Project No.	Drawn By	Date	Scale
5063.02		--/--/--	

Seal

Floor(s)

Drawing No.
S-001

STATE OF MAINE
BRIAN J. UNSDERFER
No. 10191
PROFESSIONAL ENGINEER
07/24/2015