

## ABBREVIATIONS:

A	AIR CONDITIONING	L	LABORATORY
ACT	ACOUSTICAL CEILING TILE	LAB	LAMINATED
AD	AREA DRAIN	LB	LEFT HAND
ADAAG	AMERICANS WITH DISABILITIES ACT ACCESSIBILITIES GUIDELINES	LH	LEAD COATED COPPER
ADD	ADDENDUM	M	MACHINE
AFF	ABOVE FINISHED FLOOR	MACH	MASONRY
AHU	AIR-HANDLING UNIT	MAS	MATERIAL
AL	ALUMINUM	MAX	MAXIMUM
ARCH	ARCHITECTURAL	MDO	MEDIUM-DENSITY OVERLAY
AWP	ACOUSTIC WALL PANEL	MEC	MECHANICAL
B	BACK-TO-BACK ANGLES	MEMB	MEMBRANE
BL	BUILDING LINE	MET	METAL
BLDG	BUILDING	MEZZ	MEZZANINE
BLKG	BLOCKING	MFR	MANUFACTURER
BSMT	BASEMENT	MIN	MINIMUM
BTWN	BETWEEN	MISC	MISCELLANEOUS
C	COURSE (MASONRY)	MO	MASONRY OPENING
CER	CERAMIC	MTD	MOUNTED
CG	CORNER GUARD	MTL	METAL
CH	CHANGING	MB	MARKER BOARD
CJ	CONTROL JOINT	N	NORTH
CL	CENTER LINE	N	NUMBER
CLG	CEILING	N	NOT IN CONTACT
CMU	CONCRETE MASONRY UNIT	N	NOMINAL DIMENSION
CO	CLEAN OUT	NTS	NOT TO SCALE
COL	COLUMN	O	ON/OVER
COND	CONDITION	OC	ON CENTER
CONN	CONNECT/CONNECTION	OD	OUTSIDE DIAMETER/OUTSIDE DIMENSION
CONSTR	CONSTRUCTION	OFF	OFFICE
CONT	CONTINUOUS	OP	OPPOSITE
CORR	CORRIDOR	OPP H	OPPOSITE HAND
CT	CERAMIC TILE	OSB	ORIENTED STRAND BOARD
CUH	CABINET UNIT HEATER	OZ	OUNCE
D	DOUBLE	P	PURCHASED BY OWNER INSTALLED BY CONTRACTOR
DBL	DRINKING FOUNTAIN	PC	PREFABRICATED
DIA	DIAMETER	PL	PLASTIC
DIFF	DIFFUSER	PLAM	PLASTIC LAMINATE
DIM	DIMENSION	PSF	POUNDS PER SQUARE FOOT
DN	DOWN	PSI	POUNDS PER SQUARE INCH
DRP	DRY	PTD	PAINTED
DWG	DRAWING	PTN	PARTITION
E	EAST	PVC	POLYVINYL CHLORIDE
EA	EACH	PWD	PRESSURE WOOD
EL	ELEVATION	PERF	PERFORATED
ELEC	ELECTRICAL	Q	QUARRY TILE
ELEV	ELEVATOR	QTR	QUARTER
ENTR	ENTRANCE	R	RISER/RADIUS
EQ	EQUAL	RAD	RADIUS
EQUIP	EQUIPMENT	RB	RUBBER BASE
EXP	EXPANSION	RC	REFLECTED CEILING PLAN
EXPB	EXPANSION BOLT	RD	ROOF DRAIN
EXPJ	EXPANSION JOINT	REBAR	REINFORCING BAR
EXT	EXTERIOR	REF	REFRIGERATOR
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	REIN	REINFORCED
EW	ELECTRIC WATER COOLER	REQ	REQUIRED
F	FAHRENHEIT	RES	RESILIENT
FB	FLAT BAR	REV	REVERSE
FC	FIRE EXTINGUISHER AND CABINET	RM	ROOM
FD	FLOOR DRAIN	RO	RIGHT OF OPENING
FE	FIRE EXTINGUISHER	ROW	RIGHT OF WAY
FEQ	FIRE EXTINGUISHER CABINET	RWL	RAIN WATER LEADER
FIB	FIBER REINFORCED WOOD	S	SOUTH
F & I	FURNISH & INSTALL	S	SCHEDULE
FIN	FINISH	S.E.D	SEE ELECTRICAL DRAWINGS
FOB	FACE OF BRICK	SF	SQUARE FEET
FCC	FACE OF CONCRETE	SIM	SIMILAR
FOF	FACE OF FINISH	S.M.D	SEE MECHANICAL DRAWINGS
FOS	FACE OF STUDS	S.P.D	SEE PLUMBING DRAWINGS
FOW	FACE OF WALL	SPEC	SPECIFICATION
FS	FIRE SUPPRESSION SYSTEM	SQ	SQUARE
FT	FOOT	S.S.D	SEE STRUCTURAL DRAWINGS
FTG	FOOTING	SS	STAINLESS STEEL
FTR	FIBER REINFORCED GYPSUM	STC	SOUND TRANSMISSION CLASS
FTR	FIN TUBE RADIATION	STD	STANDARD
FTR	FIRE TREATED	STL	STEEL
FH	FUME HOOD	STOR	STORAGE
G	GAUGE	STRUC	STRUCTURE/STRUCTURAL
GALV	GALVANIZED	SUSP	SUSPENSION
GB	GRAB BAR	T	TONGUE/GROOVE
GC	GENERAL CONTRACTOR	TEL	TELEPHONE
GFI	GROUND-FAULT INTERRUPTER	THK	THICK
GL	GLASS/GLAZING/GLAZED	TD	TOP OF DECK
GLAM	GLUE-LAMINATED WOOD	TOS	TOP OF STEEL
GND	GROUND	TP	TYPICAL
GWB	GYPSUM WALL BOARD	TV	TELEVISION
H	HOSE BIB	TB	TACK BOARD
HC	HANDICAP	TOC	TOP OF CONCRETE
HM	HOLLOW METAL	U	UNDERWRITERS LABORATORIES, INC.
HORIZ	HORIZONTAL	UV	UNIT VENTILATOR
HP	HORSE POWER/HIGH POINT/HEAT PUMP	V	VERTICAL
HR	HOT WATER	VERT	VERTICAL
HVAC	HEATING VENTILATION AIR CONDITIONING	VIF	VERIFY IN FIELD
HOWD	HARDWOOD	VOL	VOLUME
I	INSIDE DIMENSION/INSIDE DIAMETER	W	WEST
ID	INCHES	W/O	WITHOUT
IN	INFORMATION	W	WITH
INFL	INSULATION	WD	WOOD
J	JOIST	WF	WIDE FLANGE
JT	JOINT	WP	WORK POINT
K	KILN-DRIED	WT	WEIGHT
KIP	1000 POUNDS		

## ADD ALTERNATES: (SEE SPECIFICATION)

Alternate No. 1: Staggered 2x4 Studs 12" o.c. to Demising walls - Wall type 1K

Alternate No. 2: White PVC roof membrane

Alternate No. 3: Interior Window Casing Trim at jamb and head (base bid = drywall returns only) see details (3/A7.0) and (4/A7.0).

Alternate No. 4: Marvin Integrity Windows

Alternate No. 5: Marvin Integrity Doors

## GENERAL NOTES:

**1. CODE COMPLIANCE:** ALL WORK SHALL CONFORM TO THE LATEST EDITION OF STATE, LOCAL AND OTHER CODES WHICH APPLY TO THIS PROJECT OR HAVE JURISDICTION.

**2. COORDINATION:** IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL DISCIPLINES AND TRADES SO THAT ALL BUILDING SYSTEMS AND COMPONENTS CAN BE ASSEMBLED WITHOUT CONFLICTS. IN THE EVENT THAT THE CONSTRUCTION DOCUMENTS DEFINE CONDITIONS WHICH PROHIBIT, OR MAY PROHIBIT, SUCH ASSEMBLY, THE CONTRACTOR SHALL BRING TO THE ARCHITECTS ATTENTION, IN WRITING AND IN A TIMELY FASHION, SUCH CONDITION. THE CONTRACTOR SHALL NOT PROCEED WITH RELATED WORK WITHOUT A WRITTEN RESOLUTION CLARIFICATION FROM THE ARCHITECT.

THE CONTRACTOR AND HIS/HER SUBCONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING MATERIALS AND SYSTEMS SHOWN IN THE CONSTRUCTION DOCUMENTS REGARDLESS OF WHERE THE INFORMATION IS LOCATED. WHERE COMPONENTS OF A SYSTEM ARE INDICATED THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THE SYSTEM.

**3. DISCREPANCIES & CLARIFICATIONS:** IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BRING TO THE ARCHITECTS ATTENTION, IN WRITING, ANY DISCREPANCIES OR AMBIGUITIES IN THE DRAWINGS AND/OR SPECIFICATIONS. THE CONTRACTOR SHALL NOT PROCEED WITH RELATED WORK WITHOUT A WRITTEN RESOLUTION OR CLARIFICATION FROM THE ARCHITECT.

THE CONSTRUCTION DOCUMENTS SET CONSISTS OF BOTH CONSTRUCTION DRAWINGS AND SPECIFICATIONS MANUAL. NEITHER SHALL BE CONSIDERED COMPLETE WITHOUT THE OTHER. IF THERE IS A CONTRADICTION BETWEEN THE DRAWINGS AND THE SPECIFICATIONS OR IF INFORMATION APPEARS ON ONE AND NOT THE OTHER, IT IS CONSIDERED A DISCREPANCY, AND SHOULD BE REPORTED TO THE ARCHITECT FOR CLARIFICATION.

**4. LAYOUT:** UNLESS INDICATED OTHERWISE, CENTER WALL FRAMING AND PARTITION FRAMING ON COLUMN LINES. FLOOR PLAN DIMENSIONS ARE FROM FACE OF EXISTING WALL (AT 4'-6" AFF) AND FROM FACE OF STUD OF NEW PARTITIONS UNLESS INDICATED OTHERWISE. DOORS AND WINDOWS ARE DIMENSIONED TO CENTERLINES.

**5. CENTERING:** UNLESS INDICATED OTHERWISE, CENTER BUILDING ELEMENTS WITHIN OR BETWEEN BUILDING ELEMENTS WHEN CONDITIONS OR THE DRAWINGS INDICATE OR IMPLY THAT SUCH IS THE INTENT, WHETHER OR NOT DIMENSIONS ARE INCLUDED.

**6. SYMMETRY:** WHERE CONDITIONS OR THE DRAWINGS INDICATE OR IMPLY THAT SYMMETRY IS INTENDED, INFORMATION PROVIDED AT ONE SIDE APPLIES EQUALLY TO BOTH SIDES, UNLESS CONDITIONS CLEARLY PRECLUDE SUCH APPLICATION.

**7. ACCESSIBILITY:** ALL HANDICAPPED ACCESSIBLE BATHROOMS, GRAB BARS, AND DOOR OPENINGS SHALL MEET THE REQUIREMENTS OF ANSI 117.1 LATEST EDITION & THE ADA HANDBOOK "APPENDIX C"

**8. DRAWING SCALES:** WORK FROM THE GIVEN DIMENSIONS ONLY. SCALE IS INDICATED ON THE DRAWINGS FOR CONVENIENCE ONLY. IT IS NOT INTENDED THAT INFORMATION BE DETERMINED BY SCALING THE DRAWINGS SINCE SOME ITEMS MAY NOT BE TO SCALE.

**10. HIGH IMPACT GWB:** PROVIDE HIGH IMPACT (ABUSE RESISTANT) GYPSUM WALL BOARD IN THE STAIR WELL. SEE SCHEDULE.

**11. WATER-RESISTANT GWBDT:** INSTALL WATER-RESISTANT GYPSUM WALL BOARD IN ALL REST ROOMS & TOILET ROOMS WALLS AND CEILINGS, OR AT ANY WALL WITH PLUMBING FIXTURES.

**12. INTERIOR ELEVATIONS:** INTERIOR ELEVATIONS MAY BE REVERSED FROM AND/OR SIMILAR TO ACTUAL CONDITIONS. SEE FLOOR PLANS FOR WINDOW AND DOOR QUANTITIES AND LOCATIONS, FOR CASEWORK LAYOUTS, AND FOR MONITOR LOCATIONS.

**13. BUILDING INSULATION:** PROVIDE AS INDICATED IN WALL SECTIONS AND IN ACCORDANCE WITH PARTITION TYPES, WHETHER OR NOT SHOWN IN DETAILS AND OTHER DRAWINGS. FOR CLARITY, INSULATION MAY NOT BE SHOWN IN SOME CASES, EVEN IF IT IS PROVIDED.

**14. BLOCKING:** INSTALL ALL SOLID BLOCKING BEHIND ALL SURFACE-APPLIED FIXTURES TRIM, CASEWORK, SHELVES, BRACKETS, TOILET ACCESSORIES, CHAIR RAILS, PICTURE RAILS, GRAB BARS, BASE MOLDINGS, AND AS OTHERWISE REQUIRED, WHEN SUCH ITEMS ARE APPLIED ON STUD WALLS.

**15. PENETRATIONS AT STRUCTURAL MEMBERS:** BEFORE PENETRATING JOISTS, BEAMS OR OTHER STRUCTURAL MEMBERS, CONSULT WITH THE ARCHITECT.

**16. SOILS AT FOOTINGS:** REPORT THE LOCATION OF ALL UNSUITABLE SOILS AND MATERIALS BELOW ANTICIPATED LEVEL OF FOOTING TO THE ARCHITECT PRIOR TO THE SETTING OF FORMS.

**17. DAMAGED WORK:** BUILDING OR SITE COMPONENTS WHICH ARE AFFECTED BY NEW WORK, DEMOLITION, OR WHICH MAY BE DAMAGED BY THE GENERAL CONTRACTOR OR ANY SUBCONTRACTOR SHALL BE REPLACED OR RESTORED TO ORIGINAL CONDITION AND COLOR TO MEET THE APPROVAL OF THE ARCHITECT.

**18. UTILITIES:** VERIFY THE SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IN WRITINGS. DO NOT PROCEED WITH WORK UNTIL THE DISCREPANCY HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT.

**19. RATED CONSTRUCTION:** PROVIDE RATED CONSTRUCTION AS REQUIRED BY CODE, AS SPECIFIED, AND AS INDICATED ON DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INSTALL ALL COMPONENTS REQUIRED TO CREATE SUCH RATED CONSTRUCTION, REGARDLESS OF WHETHER OR NOT SUCH COMPONENTS ARE INDICATED. PROVIDE CONTINUITY OF SUCH RATED CONSTRUCTION AROUND AND BETWEEN SPACES, INCLUDING AT CHASES AND AT FLOORS, TO MAINTAIN COMPLETE SEPARATIONS, EVEN IF NOT SPECIFICALLY INDICATED. WALL FIRE SEPARATIONS TO EXTEND TO BOTTOM OF FLOOR DECK ABOVE THROUGH FLOOR CEILING ASSEMBLY.

ALL LOAD BEARING WALLS, BEAMS AND COLUMNS TO BE MINIMUM 1 HR FIRE RATED UNLESS OTHERWISE NOTED

**21. CLOSETS:** ALL SPACES DESIGNATED AS CLOSET OR "CL." ARE TO RECEIVE ONE CLOTHING ROD 5'-2" AFF AND ONE 12" WIRE SHELF ABOVE THE ROD ALONG THE WALL OPPOSITE THE DOOR UNLESS NOTED OTHERWISE. ALL SPACES DESIGNATED AS LINEN CLOSETS (LIN) OR PANTRY (PAN) ARE TO RECEIVE FOUR 12" WIRE SHELVES SPACED AT 1'-6" OC STARTING AT FINISH FLOOR

**22. ACCESS PANELS:** CONTRACTOR IS RESPONSIBLE FOR COORDINATING QUANTITY AND LOCATION OF ALL REQUIRED ACCESS PANELS FOR ALL MEP CONTROLS, CLEANOUTS, DAMPERS, PULL BOXES, ETC.

## PARTITION TYPES

GENERAL PARTITION NOTES:

- REFER TO STRUCTURAL DRAWINGS FOR STUD SIZE AND SPACING
- INSTALL WATER-RESISTANT GYPSUM WALL BOARD IN ALL RESTROOMS AND TOILET ROOMS WALLS AND CEILINGS, AND AT ANY WALL WITH PLUMBING FIXTURES.
- ALL PARTITIONS TO HAVE A DOUBLE 2X BOTTOM PLATE.
- ALL PARTITION TYPES WITH AN INSULATION COMPONENT TO BE ACOUSTICALLY SEALED. FOR TYPICAL ACOUSTICAL SEALING / DETAILS REFER TO DETAILS 6 AND 7 ON SHEET A5.3

KEY	STC	UL / GA RATING	DESCRIPTION
NA	35-39	N/A	-5/8" GWB -3 1/2" STUDS @ 24" O.C. -5 1/2" BATT INSULATION -5/8" GWB
NB	35-39	N/A	-5/8" GWB -5 1/2" STUDS @ 24" O.C. -5 1/2" BATT INSULATION -5/8" GWB
NC	N/A	N/A	-SHEET MEMBRANE WATER PROOFING -CONCRETE FOUNDATION WALL -2X3 PRESSURE TREATED STUDS (ON EDGE) AT 16" O.C. -2" EXTRUDED POLYSTYRENE INSULATION BOARD, TAPE JOINTS -5/8" MOISTURE RESISTANT GWB
ND	N/A	N/A	-3 1/2" STUDS @ 24" O.C. -5 1/2" BATT INSULATION -5/8" GWB
NE	N/A	N/A	CHAINLINK FENCE FROM FLOOR TO CEILING

## ONE HOUR FIRE RATED EXTERIOR WALLS

KEY	INSULATION R-VALUE	UL / GA RATING	DESCRIPTION
1A	R-26	UL U364	-VINYL SIDING 9" EXPOSURE -1" EXTRUDED POLYSTYRENE INSULATION BOARD, TAPE ALL JOINTS AND EDGES -AIR BARRIER -5/8" EXTERIOR GYPSUM SHEATHING NOTE: PLYWOOD SHEATHING OCCURS AT LOCATIONS INDICATED ON STRUCTURAL DRAWINGS -2X6 WOOD STUDS 16" O.C. -5 1/2" BATT INSULATION (R-19) -VAPOR BARRIER -5/8" TYPE 'X' GWB
1B	R-25	UL U364	-VERTICAL METAL SIDING - CONCEALED FASTENERS -1/2" FURRING RUNNING HORIZONTALLY - SPACED 48" O.C. -1" EXTRUDED POLYSTYRENE INSULATION BOARD, TAPE ALL JOINTS AND EDGES -AIR BARRIER -5/8" EXTERIOR GYPSUM SHEATHING NOTE: PLYWOOD SHEATHING OCCURS AT LOCATIONS INDICATED ON STRUCTURAL DRAWINGS -2X6 WOOD STUDS 16" O.C. -5 1/2" BATT INSULATION (R-19) -VAPOR BARRIER -5/8" TYPE 'X' GWB
1C	R-22.5	UL U364	-VERTICAL METAL SIDING - CONCEALED FASTENERS -1/2" FURRING RUNNING HORIZONTALLY - SPACED 48" O.C. -1" EXTRUDED POLYSTYRENE INSULATION BOARD, TAPE ALL JOINTS AND EDGES -AIR BARRIER -5/8" EXTERIOR GYPSUM SHEATHING NOTE: PLYWOOD SHEATHING OCCURS AT LOCATIONS INDICATED ON STRUCTURAL DRAWINGS -2X6 WOOD STUDS 16" O.C. -5 1/2" BATT INSULATION (R-19) -VAPOR BARRIER -5/8" TYPE 'X' GWB
1D	R-26	UL U364	-4" BRICK VENEER -STAINLESS STEEL ADJUSTABLE MASONRY WALL TIES AT 16" O.C. VERTICALLY AND 16" O.C. HORIZONTALLY -AIR SPACE - WITH 3/4" THICK CAVITY DRAINAGE MAT FULL HEIGHT OF WALL -1" EXTRUDED POLYSTYRENE INSULATION BOARD, TAPE ALL JOINTS AND EDGES -AIR BARRIER -5/8" EXTERIOR GYPSUM SHEATHING NOTE: PLYWOOD SHEATHING OCCURS AT LOCATIONS INDICATED ON STRUCTURAL DRAWINGS -2X6 WOOD STUDS 16" O.C. -5 1/2" BATT INSULATION (R-19) -VAPOR BARRIER -5/8" TYPE 'X' GWB

## ONE HOUR FIRE RATED PARTITIONS

KEY	STC	UL / GA RATING	FIRE RATED PARTITIONS TO EXTEND TO BOTTOM OF FLOOR DECK ABOVE, THROUGH FLOOR-CEILING ASSEMBLY.
1E	35-39	U305	-5/8" TYPE-X GWB -2X4 WOOD STUDS AT 16" O.C. -3 1/2" BATT INSULATION -5/8" TYPE-X GWB
1F	35-39	U305	-5/8" TYPE-X GWB -2X6 WOOD STUDS AT 16" O.C. -5 1/2" BATT INSULATION -5/8" TYPE-X GWB
1G	50-54	U311	-5/8" TYPE-X GWB -2X4 WOOD STUDS AT 16" O.C. -3 1/2" BATT INSULATION -1/2" MTL RESILIENT SOUND CHANNEL AT 16" O.C. -5/8" TYPE-X GWB
1H	50-54	U311	-5/8" TYPE-X GWB -2X6 WOOD STUDS AT 16" O.C. -5 1/2" BATT INSULATION -1/2" MTL RESILIENT SOUND CHANNEL AT 16" O.C. -5/8" TYPE-X GWB
1J	50-54	U311	-2 LAYERS - 5/8" TYPE-X GWB -2X6 WOOD STUDS AT 16" O.C. -5 1/2" BATT INSULATION -1/2" MTL RESILIENT SOUND CHANNEL AT 16" O.C. -5/8" TYPE-X GWB
1K	55	U311	-5/8" GWB -5/8" TYPE-X GWB -2X6 WOOD STUDS AT 16" O.C. -5 1/2" BATT INSULATION -1/2" MTL RESILIENT SOUND CHANNEL AT 16" O.C. -5/8" TYPE-X GWB -5/8" GWB

## TWO HOUR FIRE RATED PARTITIONS

KEY	STC	UL / GA RATING	FIRE RATED PARTITIONS TO EXTEND TO BOTTOM OF FLOOR DECK ABOVE, THROUGH FLOOR-CEILING ASSEMBLY.
2A	43-45	UL U301 FM WP-360 GA WP-4135 40 NGC 2363	-2 LAYERS 5/8" TYPE 'X' GWB LAYER NAIL APPLIED TO STUDS -2 X 4 WOOD STUDS AT 16" O.C. -3 1/2" BATT INSUL. -2 LAYERS 5/8" TYPE 'X' GWB NAIL APPLIED.
2B	43-45	UL U301 FM WP-360 GA WP-4135 40 NGC 2363	-2 LAYERS 5/8" TYPE 'X' GWB LAYER NAIL APPLIED TO STUDS -2 X 6 WOOD STUDS AT 16" O.C. -5 1/2" BATT INSUL. -2 LAYERS 5/8" TYPE 'X' GWB NAIL APPLIED.
2C	60-62	UL U334	-2 LAYERS 5/8" TYPE 'X' GWB LAYER NAIL APPLIED TO STUDS -2 X 6 WOOD STUDS AT 16" O.C. -5 1/2" BATT INSULATION -1/2" MTL RESILIENT SOUND CHANNEL 16" O.C. -2 LAYERS 5/8" TYPE 'X' GWB NAIL APPLIED.
2D		UL 905	-8" CONCRETE MASONRY UNIT (FIRE RATED) REFER TO STRUCTURAL DRAWINGS FOR REINFORCING

## TWO HOUR SHAFT WALL ASSEMBLIES

KEY	STC	UL / GA RATING	SHAFT WALL ASSEMBLIES TO PROVIDE A CONTINUOUS BARRIER FOR THE TOTAL HEIGHT OF THE SHAFT
2E	40-44	UL U438	-2 LAYERS 5/8" TYPE-X GWB -2 1/2" CH STUDS AT 24" O.C. ADD STABILIZING CLIPS AT EACH FLOOR AS REQUIRED -1 1/2" SOUND BATT INSULATION -1" GWB (FIRE RATED) LINER PANELS

## ONE HOUR FIRE RATED FLOOR / CEILING ASSEMBLIES

KEY	STC	IIC	UL / GA RATING	DESCRIPTION
F1	53 MIN. AT RESILIENT FLOORING	55 MIN. AT RESILIENT FLOORING	UL L528	-FINISH FLOOR PER SCHEDULE -1/2" T&G AC PLYWOOD -1/2" SOUND BOARD (HOMASOTE OR APPROVED EQUAL) -3/4" T&G FLOOR SHEATHING (SEE STRUCTURAL DRAWINGS) -2X4 WOOD TRUSSES SPACED 24" O.C. MAX. (SEE STRUCTURAL DRAWINGS) -BATT INSULATION - COMPLETELY FILL CAVITY -1/2" RESILIENT CHANNELS SPACED 16" O.C. -1 LAYER 5/8" TYPE 'X' GWB ATTACHED PERPENDICULAR TO CHANNELS, JOINTS STAGGERED
F2			UL L209	-FINISH FLOOR PER SCHEDULE -1/2" T&G AC PLYWOOD -1/2" SOUND BOARD (HOMASOTE OR APPROVED EQUAL) -3/4" T&G FLOOR SHEATHING (SEE STRUCTURAL DRAWINGS) -2X10 JOISTS SPACED 16" O.C. (SEE STRUCTURAL DRAWINGS) -HANGER WIRE AND 'FIREGUARD' GRID FOR 2X4 LAY IN PANELS -2X4 LAY IN ACOUSTICAL CEILING PANELS 'FIRE GUARD'

## ONE HOUR FIRE RATED ROOF / CEILING ASSEMBLIES

KEY	INSULATION R-VALUE	UL / GA RATING	DESCRIPTION
R1	55 MIN.	UL P522	-ADHERED ROOF MEMBRANE -1/2" FIBERGLASS ROOF UNDERLAYMENT -TAPERED INSULATION IN LOCATIONS INDICATED ON DRAWINGS -3/4" T & G ROOF SHEATHING (SEE STRUCTURAL DRAWINGS) -2X4 TAPERED ROOF TRUSSES SPACED 24" O.C. MAX. (SEE STRUCTURAL DRAWINGS) -BLOWN IN CELLULOSE INSULATION - COMPLETELY FILL CAVITY - PROVIDE SDR18 AS REQUIRED -VAPOR BARRIER -1/2" MTL RESILIENT SOUND CHANNELS 16" O.C. -1 LAYER 5/8" TYPE 'X' GWB
R2	50 MIN.	SIMILAR UL P522	-5/4 X 6 COMPOSITE WOOD DECKING -2X PRESSURE TREATED SLEEPERS AT 12" O.C. - TAPERED BOTTOM - ON STRIP OF ROOF MEMBRANE -ADHERED ROOF MEMBRANE -1/2" FIBERGLASS ROOF UNDERLAYMENT -TAPERED INSULATION -3/4" T & G ROOF SHEATHING (SEE STRUCTURAL DRAWINGS) -JOISTS AT 12" O.C. MAX. (SEE STRUCTURAL DRAWINGS) -RIGID POLYISOCYANURATE INSULATION BOARDS - COMPLETELY FILL CAVITY (R-50.4) -VAPOR BARRIER -1/2" MTL RESILIENT SOUND CHANNELS 16" O.C. -1 LAYER 5/8" TYPE 'X' GWB

## CONCRETE SLAB ON GRADE ASSEMBLIES

KEY	INSULATION R-VALUE	DESCRIPTION
S1	10 MIN.	-FINISH FLOOR PER SCHEDULE -4" CONCRETE SLAB WITH FIBER REINFORCING (SEE STRUCTURAL DRAWINGS) -2" EXTRUDED POLYSTYRENE INSULATION BOARD AT SLAB PERIMETER TO 48" IN FROM WALL (R-10) -1" EXTRUDED POLYSTYRENE INSULATION BOARD (R-5) TYPICAL - EXCEPT AT PERIMETER, TAPE JOINTS -HIGH DENSITY POLYETHYLENE MOISTURE BARRIER (15 MIL.) -8" CRUSHED STONE STRUCTURAL FILL (SEE STRUCTURAL DRAWINGS) (NOTE 12" OF STONE AT RADON PIPES) -GEO-TEXTILE FABRIC UNDER WHOLE SLAB -UNDISTURBED EARTH

## DRAWING LEGEND:

	EARTH		BEDROOM		ROOM NAME AND NUMBER		ELEVATION COMPASS NUMBER
	POROUS FILL		DOOR NUMBER		ELEVATION NUMBER		INTERIOR ELEVATION SYMBOL
	CONCRETE		WINDOW NUMBER		SHEET WHERE ELEVATION LOCATED		