

Prepared For:
BATEMAN PARTNERS, LLC.
 470 FORE STREET
 PORTLAND, ME 04101

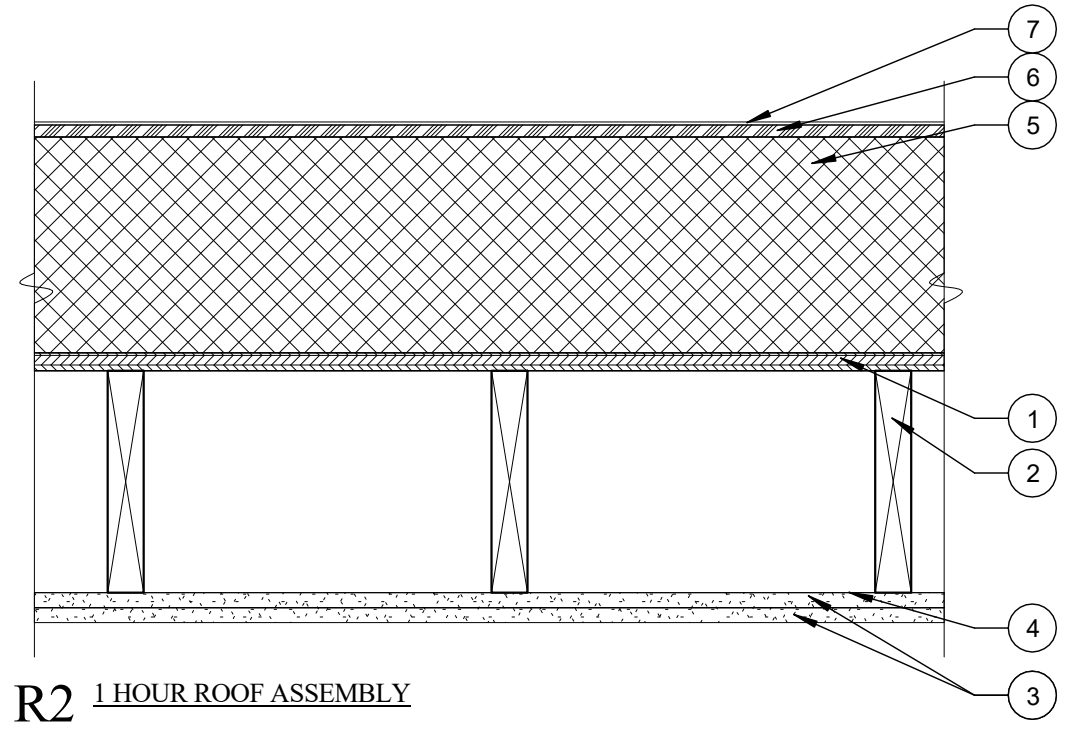
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Architect:
ARCHETYPE architects
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 Portland Maine

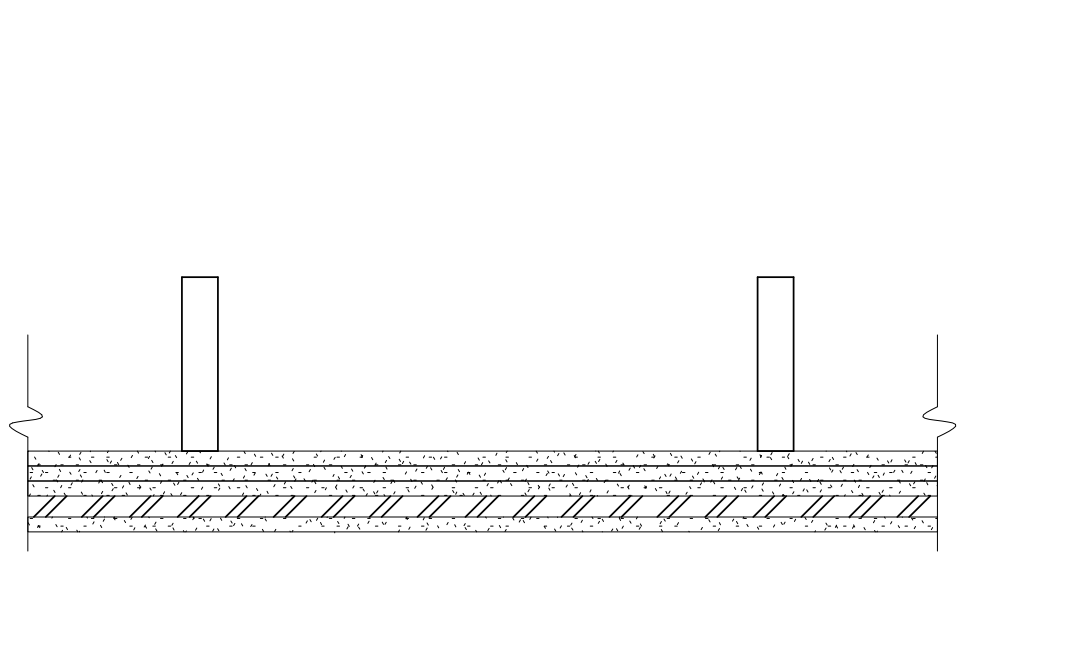
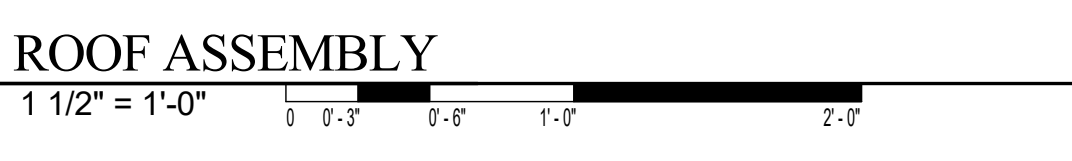
Project:
 185 Fore Street

Revisions:
 1 05-22-2014 BID SET
 2 11-2-2015 RESPONSES TO PERMIT SET

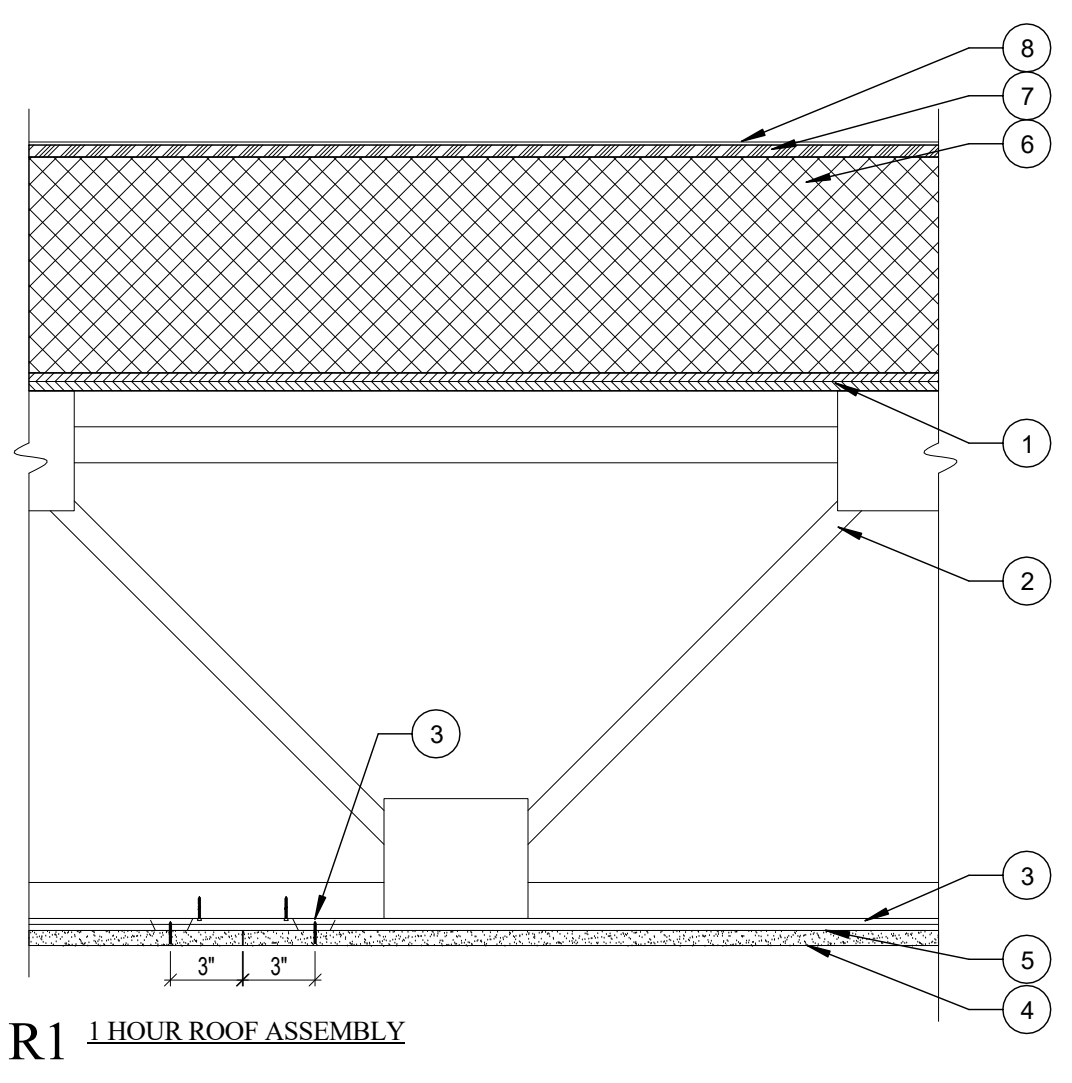
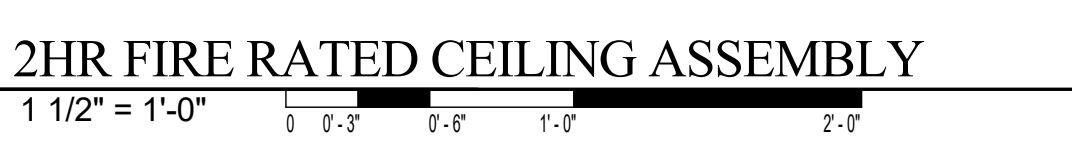
Date: NOV. 2, 2015
 Scale: 1 1/2" = 1'-0"
FLOOR TYPES
A4.05



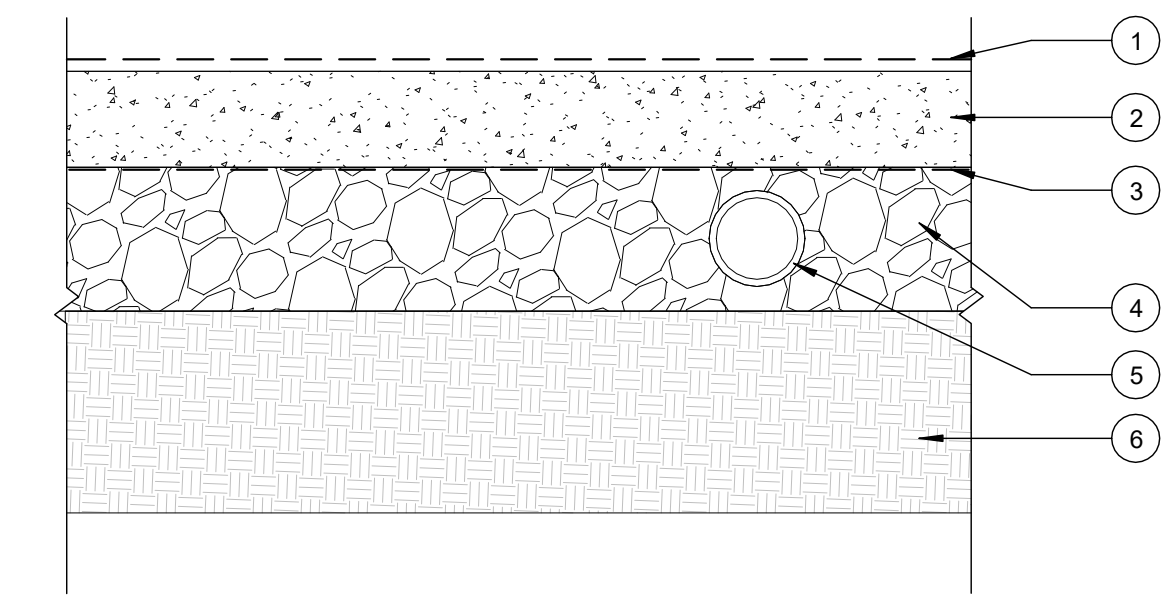
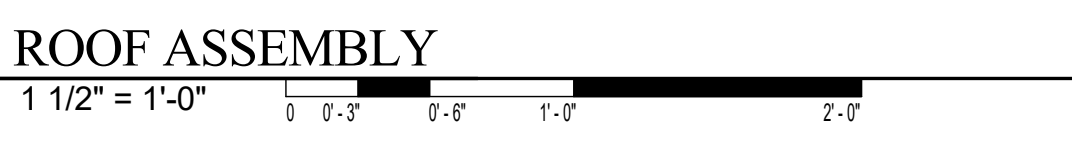
- ROOF SYSTEM - 1 HOUR**
 DESIGN NUMBER: GA FILE NO. RC 2601
 STC
- SHEATHING** - 19/32" APA RATED SHEATHING WITH EXTERIOR GLUE APPLIED AT RIGHT ANGLES TO TRUSSES WITH 8D NAILS.
 - WOOD JOISTS** - 2X10, SPACED A MAX OF 24 IN. OC.
 - GYPSON BOARD** - BASE LAYER 5/8 IN. THICK, 48 IN WIDE GYPSON WALLBOARD TYPE X APPLIED AT RIGHT ANGLES TO 2x10 WOOD JOISTS 24" OC MAX. WITH 1 1/4" TYPE W OR S DRYWALL SCREWS 24" O.C. FACE LAYER 5/8" TYPE X GYPSON WALLBOARD APPLIED AT RIGHT ANGLES TO JOINTS WITH 1 7/8" TYPE W OR S DRYWALL SCREWS 12" O.C. PLACED 2" BACK ON EITHER SIDE OF END JOINTS. JOINTS OFFSET 24" FROM BASE LAYER JOINTS.
 - CONTINUOUS POLY VAPOR BARRIER (10 MIL)
 - TAPERED RIGID INSULATION** - SEE ROOF PLAN FOR THICKNESSES AND LAYOUT
 - OSB - 7/16"**
 - FULLY ADHERED PVC ROOFING** - SEE SPECIFICATION



- 2HR RATED CEILING ASSEMBLY**
 DESIGN NUMBER: UL DESIGN L556 / ULC DESIGN M514
- THE CEILING MEMBRANE CONSISTS OF FOUR LAYERS OF 5/8" TYPE X GYPSON BOARD APPLIED TO CEILING FRAMING SPACED 24" O.C. WITH 7/8" HAT-SHAPED STEEL FURRING CHANNEL LOCATED BETWEEN THE THIRD AND FACE LAYERS. THE BASE LAYER OF GYPSON BOARD IS APPLIED AT RIGHT ANGLES TO THE CEILING FRAMING AND ATTACHED WITH 1-1/4" TYPE S OR W DRYWALL SCREWS SPACED 12" O.C. THE SECOND LAYER OF GYPSON BOARD IS APPLIED AT RIGHT ANGLES TO THE CEILING FRAMING AND ATTACHED WITH 2" TYPE S OR W DRYWALL SCREWS SPACED 12" O.C. THIRD LAYER OF GYPSON BOARD IS APPLIED AT RIGHT ANGLES TO CEILING FRAMING AND ATTACHED WITH 2-1/2" TYPE S OR W DRYWALL SCREWS SPACED 12" O.C. THE JOINTS IN EACH LAYER ARE OFFSET A MINIMUM OF 10" FROM THE PREVIOUS LAYER. THE STEEL HAT-SHAPED RIGID FURRING CHANNELS ARE APPLIED AT RIGHT ANGLES TO THE CEILING FRAMING AND SPACED 24" O.C. THE CHANNELS ARE ATTACHED TO THE CEILING FRAMING AT EACH FRAMING MEMBER/FURRING CHANNEL INTERSECTION WITH TWO 2-1/2" TYPE S OR W DRYWALL SCREWS. THE FACE LAYER OF GYPSON BOARD IS APPLIED AT RIGHT ANGLES TO THE FURRING CHANNELS AND ATTACHED WITH 1-1/8" TYPE S DRYWALL SCREWS SPACED 12" O.C. FACE LAYER JOINTS AND FASTENERS ARE FINISHED TO LEVEL 1 AS SPECIFIED IN GA-214, LEVELS OF GYPSON BOARD FINISH



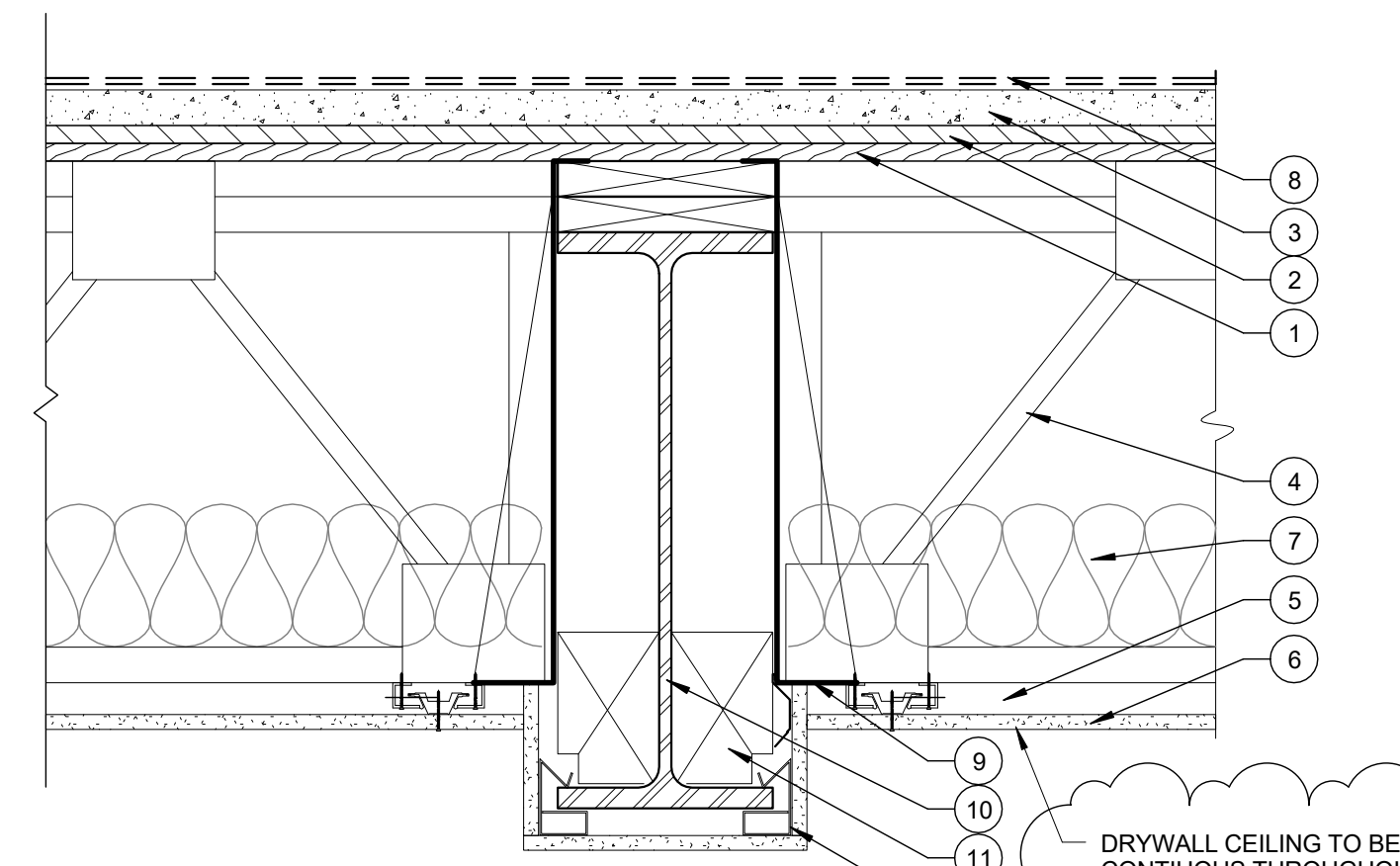
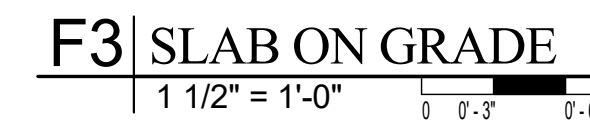
- ROOF SYSTEM - 1 HOUR**
 DESIGN NUMBER: STC
- SHEATHING** - 19/32" APA RATED SHEATHING WITH EXTERIOR GLUE APPLIED AT RIGHT ANGLES TO TRUSSES WITH 8D NAILS.
 - TRUSSES** - PARALLEL CHORD TRUSSES, SPACED A MAX OF 24 IN. OC, FABRICATED FROM NOM 2 BY 4 LUMBER, WITH LUMBER ORIENTED VERTICALLY OR HORIZONTALLY. MIN. TRUSS DEPTH IS 18IN. TRUSS MEMBERS SECURED TOGETHER WITH MIN 0.0356 IN. THICK GALV. STEEL PLATES. PLATES HAVE 5/16 IN. LONG TEETH PROJECTING PERPENDICULAR TO THE PLANE OF THE PLATE. THE TEETH ARE IN PAIRS FACING EACH OTHER (MADE BY THE SAME PUNCH), FORMING A SPLIT TOOTH TYPE PLATE. EACH TOOTH HAS A CHISEL POINT ON ITS OUTSIDE EDGE. THESE POINTS ARE DIAGONALLY OPPOSITE EACH OTHER FOR EACH PAIR. THE TOP HALF OF EACH TOOTH HAS A TWIST FOR STIFFNESS. THE PAIRS ARE REPEATED ON APPROX. 7/8 IN CENTERS WITH FOUR ROWS OF TEETH PER INCH OF PLATE WIDTH.
 - RESILIENT CHANNELS** - FORMED FROM MIN 0.020 IN THICK GALV STEEL, 1/2 IN DEEP BY 2 3/8" WIDE AT THE BASE AND 1 3/8" WIDE AT THE FACE AS SHOWN, SPACED 12 IN OC PERPENDICULAR TO TRUSSES. CHANNELS SECURED TO EACH TRUSS WITH 1-1/4 IN LONG TYPE S BUGLE HEAD STEEL SCREWS. CHANNELS OVERLAPPED 4 IN AT SPLICES. TWO CHANNELS, SPACED 6 IN OC, ORIENTED OPPOSITE EACH OTHER AT GYPSON PANEL END JOINTS AS SHOWN IN THE ILLUSTRATION. ADDITIONAL CHANNELS SHALL EXTEND MIN 6 IN. BEYOND EACH SIDE EDGE OF PANEL.
 - GYPSON BOARD** - NOM 5/8 IN. THICK, 48 IN WIDE GYPSON PANELS. GYPSON PANELS INSTALLED WITH LONG DIMENSION PERPENDICULAR TO RESILIENT CHANNELS. GYPSON PANELS SECURED WITH 1 IN. LONG TYPE S BUGLE HEAD STEEL SCREWS SPACED 12 IN OC AND LOCATED A MIN OF 1/2 IN FROM SIDE JOINTS AND 3 IN. FROM THE END JOINTS. END JOINTS SECURED TO BOTH RESILIENT CHANNELS AS SHOWN IN END JOINT DETAIL.
 - CONTINUOUS POLY VAPOR BARRIER (10 MIL)
 - TAPERED RIGID INSULATION** - SEE ROOF PLAN FOR THICKNESSES AND LAYOUT
 - OSB - 7/16"**
 - FULLY ADHERED PVC ROOFING** - SEE SPECIFICATION



- FLOOR SYSTEM - SLAB ON GRADE**
- FINISH FLOOR** - NOT SHOWN, SEE FINISH SCHEDULE.
 - CONCRETE SLAB** - SEE STRUCTURAL FOR STRENGTH, THICKNESS AND REINFORCEMENT SPECIFICATIONS
 - VAPOR BARRIER** - POLYETHYLENE VAPOR BARRIER SHEET WITH SEAMS OVERLAPPED AND TAPED - SEE SPECIFICATIONS
 - 6" COARSE AGGREGATE
 - ADD ALT - 4" PERFORATED PVC RADON PIPE - SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION
 - COMPACTED STRUCTURAL- FILL COMPACTED TO 95% OF DRY DENSITY - SEE STRUCTURALS FOR DEPTH AND GRADATION

FLOOR SYSTEM - SLAB ON GRADE

PROVIDE CONTINUOUS 4'-0" SECTION OF 2 IN RIGID INSULATION ALONG PERIMETER OF HEATED SPACES

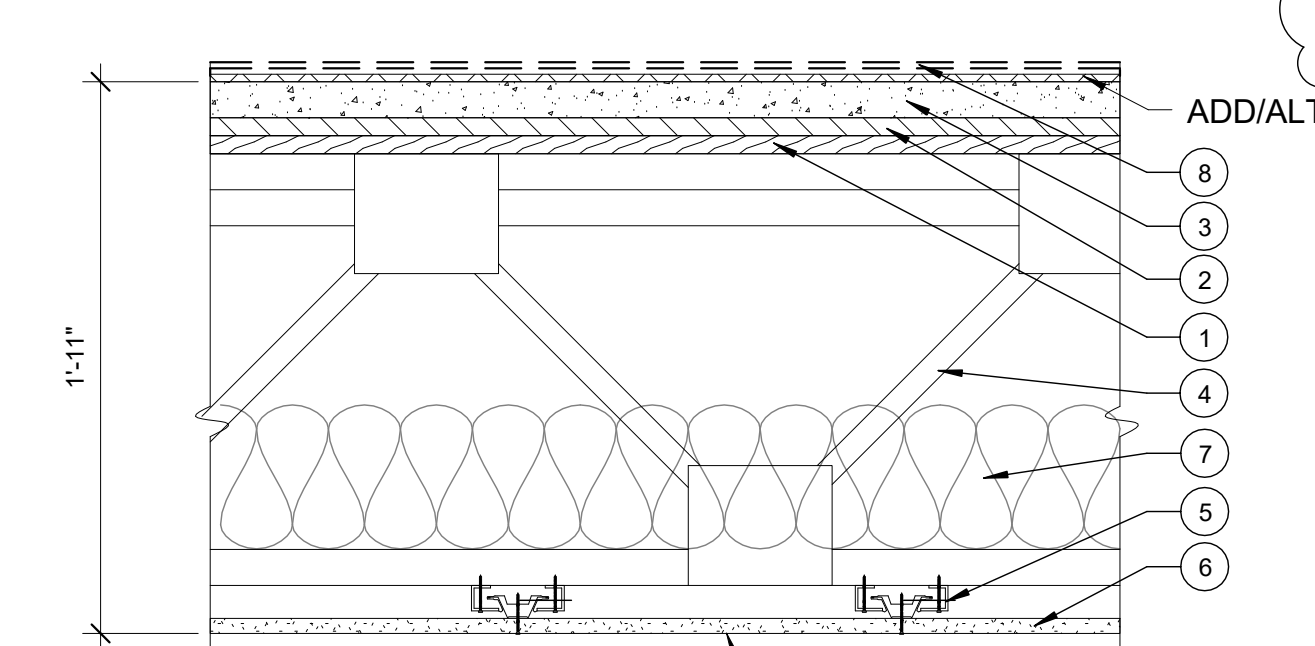


FLOOR / CEILING ASSEMBLY - 1 HOUR

- DESIGN NUMBER: L577
 STC - 44 (BASED ON TEST REPORT 010442-06, THE ASSEMBLY SHOWN HAS 2 ADDITIONAL LAYERS OF DRYWALL AND 2 1/2" ADDITIONAL INSULATION THAN THE LABELED TEST, THEREBY ONLY IMPROVING THE STC)
- SUBFLOORING** - NOM. 23/32 IN. THICK WOOD STRUCTURAL PANELS INSTALLED PERPENDICULAR TO TRUSSES WITH END JOINTS STAGGERED. PLYWOOD OR PANELS SECURED TO TRUSSES WITH CONSTRUCTION ADHESIVE AND NO. 6D RINGED SHANK NAILS, SPACED 12 IN. OC ALONG EACH TRUSS. STAPLES HAVING EQUAL OR GREATER WITHDRAWAL AND LATERAL RESISTANCE STRENGTH MAY BE SUBSTITUTED FOR THE 6D NAILS.
 - MAXXON ACOUSTI-MATS**
 - GYPSON TOPPING** - 1 1/2 IN. THICK
 - TRUSSES** - PARALLEL CHORD TRUSSES, SPACED A MAX OF 24 IN. OC, FABRICATED FROM NOM 2 BY 4 LUMBER, WITH LUMBER ORIENTED VERTICALLY OR HORIZONTALLY. MIN. TRUSS DEPTH IS 18IN. TRUSS MEMBERS SECURED TOGETHER WITH MIN. 0.0356 IN. THICK GALV. STEEL PLATES. PLATES HAVE 5/16 IN. LONG TEETH PROJECTING PERPENDICULAR TO THE PLANE OF THE PLATE. THE TEETH ARE IN PAIRS FACING EACH OTHER (MADE BY THE SAME PUNCH), FORMING A SPLIT TOOTH TYPE PLATE. EACH TOOTH HAS A CHISEL POINT ON ITS OUTSIDE EDGE. THESE POINTS ARE DIAGONALLY OPPOSITE EACH OTHER FOR EACH PAIR. THE TOP HALF OF EACH TOOTH HAS A TWIST FOR STIFFNESS. THE PAIRS ARE REPEATED ON APPROX. 7/8 IN. CENTERS IN FOUR ROWS OF TEETH PER INCH OF PLATE WIDTH.
 - KINETICS ISO-MAX HANGERS OR EQUAL** - 1" O.C.
 - GYPSON BOARD** - NOM. 5/8 IN THICK, 48 IN. WIDE GYPSON PANELS. GYPSON PANELS INSTALLED WITH LONG DIMENSION PERPENDICULAR TO RESILIENT CHANNELS. GYPSON PANELS SECURED WITH 1 IN. LONG TYPE S BUGLE HEAD STEEL SCREWS SPACED 12 IN. OC AND LOCATED A MIN. OF 1/2 IN. FROM SIDE JOINTS AND 3 IN. FROM THE END JOINTS. END JOINTS SECURED TO BOTH RESILIENT CHANNELS AS SHOWN IN END JOINT DETAIL.
 - SOUND ATTENUATING FIBERGLASS BATT INSULATION** - 6" GLASS FIBER MINERAL WOOL INSULATION BEARING THE UL CLASSIFICATION MARKING AS TO SURFACE BURNING CHARACTERISTICS AND/OR FIRE RESISTANCE. WHEN THE RESILIENT CHANNELS ARE SPACED A MAX OF 12 IN. OC THERE IS NO LIMIT IN THE OVERALL THICKNESS OF INSULATION, AND THE INSULATION CAN BE SECURED AGAINST THE SUBFLOORING, HELD SUSPENDED IN THE CONCEALED SPACE OR DREAPE OVER THE RESILIENT OR FURRING CHANNELS AND GYPSON PANEL MEMBRANE.
 - FINISHED FLOOR & UNDERLAYMENT AS SPECIFIED**
 - TOP MOUNT HANGER** - SEE STRUCTURAL DRAWINGS
 - DRYWALL** - SEE DRAWING, EMBEDDED IN ASSEMBLY
 - CONTINUOUS BLOCKING** ATTACHED TO BEAM WITH EAF @ 16" O.C.
 - GRABBER-MAN WHERE STEEL DROPS BELOW CEILING

F2 FLOOR / CEILING ASSEMBLY

DRYWALL CEILING TO BE CONTINUOUS THROUGHOUT THE PROJECT TO MAINTAIN THE REQUIRED FIRERATING

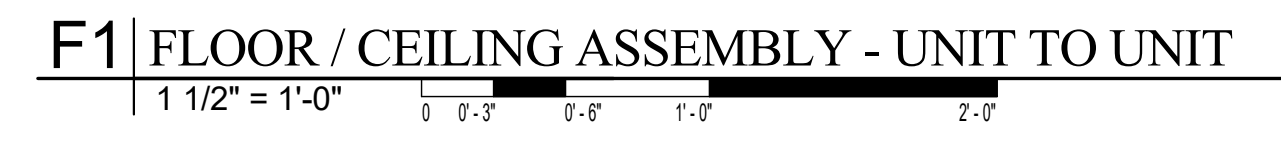


FLOOR / CEILING ASSEMBLY

- DESIGN NUMBER: GA FILE NO. FC 5012
 60 TO 64 STC SOUND
- ADD/ALT #1
- SUBFLOORING** - NOM. 23/32 IN. THICK WOOD STRUCTURAL PANELS INSTALLED PERPENDICULAR TO TRUSSES WITH END JOINTS STAGGERED. PLYWOOD OR PANELS SECURED TO TRUSSES WITH CONSTRUCTION ADHESIVE AND NO. 6D RINGED SHANK NAILS, SPACED 12 IN. OC ALONG EACH TRUSS. STAPLES HAVING EQUAL OR GREATER WITHDRAWAL AND LATERAL RESISTANCE STRENGTH MAY BE SUBSTITUTED FOR THE 6D NAILS.
 - MAXXON ACOUSTI-MATS**
 - GYPSON TOPPING** - 1 1/2 IN. THICK
 - TRUSSES** - PARALLEL CHORD TRUSSES, SPACED A MAX OF 24 IN. OC, FABRICATED FROM NOM 2 BY 4 LUMBER, WITH LUMBER ORIENTED VERTICALLY OR HORIZONTALLY. MIN. TRUSS DEPTH IS 18IN. TRUSS MEMBERS SECURED TOGETHER WITH MIN. 0.0356 IN. THICK GALV. STEEL PLATES. PLATES HAVE 5/16 IN. LONG TEETH PROJECTING PERPENDICULAR TO THE PLANE OF THE PLATE. THE TEETH ARE IN PAIRS FACING EACH OTHER (MADE BY THE SAME PUNCH), FORMING A SPLIT TOOTH TYPE PLATE. EACH TOOTH HAS A CHISEL POINT ON ITS OUTSIDE EDGE. THESE POINTS ARE DIAGONALLY OPPOSITE EACH OTHER FOR EACH PAIR. THE TOP HALF OF EACH TOOTH HAS A TWIST FOR STIFFNESS. THE PAIRS ARE REPEATED ON APPROX. 7/8 IN. CENTERS IN FOUR ROWS OF TEETH PER INCH OF PLATE WIDTH.
 - KINETICS ISO-MAX HANGERS OR EQUAL**
 - GYPSON BOARD** - NOM. 5/8 IN THICK, 48 IN. WIDE GYPSON PANELS. GYPSON PANELS INSTALLED WITH LONG DIMENSION PERPENDICULAR TO RESILIENT CHANNELS. GYPSON PANELS SECURED WITH 1 IN. LONG TYPE S BUGLE HEAD STEEL SCREWS SPACED 12 IN. OC AND LOCATED A MIN. OF 1/2 IN. FROM SIDE JOINTS AND 3 IN. FROM THE END JOINTS. END JOINTS SECURED TO BOTH RESILIENT CHANNELS AS SHOWN IN END JOINT DETAIL.
 - SOUND ATTENUATING FIBERGLASS BATT INSULATION** - 6" GLASS FIBER MINERAL WOOL INSULATION BEARING THE UL CLASSIFICATION MARKING AS TO SURFACE BURNING CHARACTERISTICS AND/OR FIRE RESISTANCE. WHEN THE RESILIENT CHANNELS ARE SPACED A MAX OF 12 IN. OC THERE IS NO LIMIT IN THE OVERALL THICKNESS OF INSULATION, AND THE INSULATION CAN BE SECURED AGAINST THE SUBFLOORING, HELD SUSPENDED IN THE CONCEALED SPACE OR DREAPE OVER THE RESILIENT OR FURRING CHANNELS AND GYPSON PANEL MEMBRANE.
 - FINISHED FLOOR & UNDERLAYMENT AS SPECIFIED**

F1 FLOOR / CEILING ASSEMBLY

DRYWALL CEILING TO BE CONTINUOUS THROUGHOUT THE PROJECT TO MAINTAIN THE REQUIRED FIRERATING



ADD/ALT #1 - KINETICS SOUND MATT