W4 **EXISTING METAL PANEL WALL WITH NEW FC CLAPBOARD FINISH**
DESIGN NUMBER - N/A
STC SOUND - N/A

1. **EXISTING WALL -** FACE OF METAL WALL PANEL
2. **RIGID INSULATION -** 2" EXTRUDED POLYSTYRENE INSTALLED IN 24" PANELS ORIENTED VERTICALLY.
3. **EXTERIOR SHEATHING -** (1) LAYER MIN. 7/16" THICK, 4FT. WIDE STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING". INSTALLED W/ LONG DIM OF SHEET (STRENGTH AXIS) OR FACE GRAIN OF PLYWOOD PARALLEL W/ OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOM. 2x6 WOOD BLOCKING.
4. **AIR/MOISTURE BARRIER** - TYPAR BUILDING WRAP - LAP OVER METAL FLASHING
5. **VERTICAL FURRING** - WOOD STRAPPING - FASTEN TO 'Z' CHANNEL
6. **FIBER CEMENT CLAPBOARD -** FIBER CEMENT PANEL SIDING WITH 6" EXPOSURE
7. **METAL FLASHING**
8. **WATER TABLE -** 1x8 PVC TRIM - ALIGN BOTTOM WITH BOTTOM OF METAL WALL PANEL
9. **HORIZONTAL 'Z' CHANNEL** - AT 24" O.C. FASTENED TO SHEATHING
10. **VERTICAL STRAPPING -** (2x4 ON FLAT ASSUMED - CONFIRM DEPTH NEEDED IN FIELD) WITHIN EX'G MTL PANEL AT 24" O.C. AS REQ'D TO BRING SHEATHING TO FACE OF METAL PANEL, FASTENED TO HORIZONTAL GIRT WITHIN EX'G WALL

W4 EXISTING METAL PANEL WALL WITH NEW FC CLAPBOARD EXTERIOR
1 1/2" = 1'-0"

W2 **NEW EXTERIOR WALL WITH FC CLAPBOARD**
DESIGN NUMBER - N/A
STC SOUND - N/A

1. **INTERIOR FINISH -** BY OTHERS
2. **FRAMING -** STEEL STUDS - CHANNEL-SHAPED, 6 IN. WIDE, MIN. NO. 20 GSG OR MSG, COLD-FORMED CORROSION PROTECTED STEEL STUDS. THE MAX. STUD SPACING OF WALL ASSEMBLY SHALL NOT EXCEED 16 IN. THE STUDS ARE SECURED TO THE GIRTS, FLOOR & CEILING RUNNERS
3. **BATT INSULATION** - R21 HIGH DENSITY FIBERGLASS BATT INSULATION FRICTION FIT INTO WALL CAVITY
4. **EXTERIOR SHEATHING -** (1) LAYER MIN. 7/16" THICK, 4FT. WIDE STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING". INSTALLED W/ LONG DIM OF SHEET (STRENGTH AXIS) OR FACE GRAIN OF PLYWOOD PARALLEL W/ OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOM. 2x6 WOOD BLOCKING.
5. **AIR/MOISTURE BARRIER** - TYPAR BUILDING WRAP - LAP OVER METAL FLASHING
6. **VERTICAL FURRING** - WOOD STRAPPING AT 24" O.C. - FASTEN TO 'Z' CHANNEL
7. **FIBER CEMENT CLAPBOARD -** FIBER CEMENT PANEL SIDING WITH 6" EXPOSURE
8. **METAL FLASHING**
9. **WATER TABLE -** 1x8 PVC TRIM - ALIGN WITH TRIM ON WALL TYPE W4 & W5
10. **HORIZONTAL 'Z' CHANNEL** - AT 24" O.C.

W2 NEW EXT. WALL W/ FC CLAPBOARD
1 1/2" = 1'-0"

W5 **NEW EXTERIOR WALL WITH FC CLAPBOARD**
DESIGN NUMBER - N/A
STC SOUND - N/A

1. **INTERIOR FINISH -** BY OTHERS
2. **STUDS -** DOUBLE LAYER WOOD STUDS, NOM. 2 IN BY 6 IN, DOUBLE TOP PLATE AND SINGLE BASE PLATE, SEE STRUCTURAL FOR STUD LAYOUT BRACING, AND FASTENERS. BOTTOM PLATES IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED.
3. **BATT INSULATION** - R21 HIGH DENSITY FIBER GLASS BATT INSULATION FRICTION FIT INTO WALL CAVITY
4. **EXTERIOR SHEATHING -** (1) LAYER MIN. 7/16" THICK, 4FT. WIDE STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING". INSTALLED W/ LONG DIM OF SHEET (STRENGTH AXIS) OR FACE GRAIN OF PLYWOOD PARALLEL W/ OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOM. 2x6 WOOD BLOCKING.
5. **AIR/MOISTURE BARRIER** - SEE SPEC.
6. **VERTICAL FURRING** - WOOD STRAPPING AT 24" O.C. - FASTEN TO 'Z' CHANNEL
7. **FIBER CEMENT CLAPBOARD -** FIBER CEMENT PANEL SIDING WITH 6" EXPOSURE
8. **METAL FLASHING**
9. **WATER TABLE -** 1x8 PVC TRIM - ALIGN WITH TRIM ON WALL TYPE W4 & W5
10. **2" HORIZONTAL 'Z' CHANNEL** - AT 24" O.C. FASTENED TO SHEATHING

W5 NEW WOOD STUD EXT. WALL W/ FC CLAPBOARD
1 1/2" = 1'-0"

W3 **EXISTING CMU WALL WITH NEW FIBER CEMENT CLAPBOARD FINISH**
DESIGN NUMBER - N/A
STC SOUND - N/A

1. **EXISTING WALL -** FACE OF CMU
2. **RIGID INSULATION -** 2" EXTRUDED POLYSTYRENE INSTALLED IN 24" PANELS ORIENTED VERTICALLY. ATTACH TO BLOCK WITH ADHESIVE VIA MANUFACTURER RECOMMENDATIONS.
3. **AIR/MOISTURE BARRIER** - TYPAR BUILDING WRAP - LAP OVER METAL FLASHING
4. **VERTICAL FURRING** - WOOD STRAPPING AT 24" O.C. - FASTEN TO 'Z' CHANNEL
5. **FIBER CEMENT CLAPBOARD -** FIBER CEMENT PANEL SIDING WITH 6" EXPOSURE
6. **METAL FLASHING**
7. **WATER TABLE -** 1x8 PVC TRIM - ALIGN WITH TRIM ON WALL TYPES W4 & W5
8. **2" HORIZONTAL 'Z' CHANNEL** - AT 24" O.C. FASTENED TO SHEATHING

W3 EXISTING CMU WALL WITH NEW FC CLAPBOARD EXTERIOR
1 1/2" = 1'-0"

W1 **EXISTING MASONRY VENEER WALL WITH NEW FIBER CEMENT CLAPBOARD FINISH**
DESIGN NUMBER - N/A
STC SOUND - N/A

1. **EXISTING WALL -** FACE OF STONE VENEER
2. **FURRING -** VERTICAL 2X4 WOOD STUDS ON FLAT, SHIMMED LEVEL, AT 24" O.C.
3. **EXTERIOR SHEATHING -** (1) LAYER MIN. 7/16" THICK, 4FT. WIDE STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING". INSTALLED W/ LONG DIM OF SHEET (STRENGTH AXIS) OR FACE GRAIN OF PLYWOOD PARALLEL W/ OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOM. 2x6 WOOD BLOCKING.
4. **FIBER CEMENT CLAPBOARD -** FIBER CEMENT PANEL SIDING WITH 6" EXPOSURE
5. **WATER TABLE -** 1x8 PVC TRIM - ALIGN WITH TRIM ON WALL TYPES W4 & W5
6. **VERTICAL 7/8" FURRING HAT CHANNEL** - AT 24" O.C. FASTEN TO 'Z' CHANNEL

W1 EXISTING MASONRY VENEER WALL WITH NEW FC CLAPBOARD EXTERIOR
1 1/2" = 1'-0"

LICENSED ARCHITECT
DAVID LLOYD NO. 936
STATE OF MAINE
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4	03/21/17	REVISION

Scale: 1 1/2" = 1'-0"

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WALL TYPES

A4.00