1. FOOTING PER PLANS.
2. SEE PLANS FOR MATERIAL.
3. SEE PLANS FOR TOP WALL DETAIL.
4. FINISH GRADE.
5. MIRADRIN WATER PROOFING SYSTEM.
6. MIRADRIN FABRIC.
7. PERFORATED DRAIN PIPE.
8. 12 X 12 CONTINUOUS
   GRAVEL BACKFILL.
9. SLAB.
1. 3” OR 4” NON-PERFORATED PIPE.
2. SEE PLANS FOR MATERIAL.
3. SEE PLANS FOR TOP WALL DETAIL.
4. FINISH GRADE.
5. M600 DRAIN GRATE.
6. 2 1/2" SQUARE WEEP HOLE.
7. FOOTING PER PLAN.
8. FINISH SLAB OR FINISH GRADE - SEE PLAN.
9. FABRIC SIDE.
10. MIRADRIN.

RETTAINING WALL DRAINAGE

SCALE: 1/2” = 1’-0”

07A-1002
MONOLITHIC FOOTING

1-1/2" X 1-1/2" CONTINUOUS SHEETING LEDGE

4" CONCRETE SLAB W/ 6X6 W. W. 1.4/W.1.4 WELDED WIRE FABRIC

4" COMPACTED ABC

#3 CLOSED STIRRUPS @ 4'-0" O.C. (TYPICAL FOR ALIGNMENT)

RIGID INSULATION (R-5 MINIMUM)

(2) #5 BARS CONTINUOUS TOP AND BOTTOM

3/4" = 1'-0"

07A-1003
MONOLITHIC FOOTING @ RIGID FRAME COLUMN

3/4" = 1’-0"

07A-1004
1. FINISHED GRADE – SLOPE 2" ON FIRST 24".
2. 1” INSULATION.
3. SUBGRADE.
4. #4 REBAR, CONTINUOUS.
5. 6 MIL POLY VAPOR BARRIER.
6. 6” X 6” 10 GA. X 10 GA. WIRE MESH.
7. 3,000 P.S.I. CONCRETE SLAB.

FOOTING DETAIL WITH BRICK

1” = 1’-0”
1. SUBGRADE.
2. #4 REBAR, CONTINUOUS.
3. 6 MIL POLY VAPOR BARRIER.
4. 6” X 6” 10 GA. X 10 GA. WIRE MESH.
5. 3,000 P.S.I. CONCRETE SLAB.
1. SUBGRADE.
2. #4 REBAR, CONTINUOUS.
3. 6 MIL POLY VAPOR BARRIER.
4. 6" X 6" 10 GA. X 10 GA. WIRE MESH.
5. 3,000 P.S.I. CONCRETE SLAB.

MAIN SLAB TO GARAGE
1" = 1'-0"

07A-1007
1. FINISHED GRADE – SLOPE 2" ON FIRST 24".
2. SUBGRADE.
3. #4 REBAR, CONTINUOUS.
4. 6 MIL POLY VAPOR BARRIER.
5. 6" X 6" 10 GA. X 10 GA. WIRE MESH.
6. 3,000 P.S.I. CONCRETE SLAB.
1. FINISHED GRADE.
2. SUBGRADE.
3. AGGREGATE FINISH.
4. 6” x 6” 10 GA. X 10 GA. WIRE MESH.
5. 3,000 P.S.I. CONCRETE SLAB.

FOOTING DETAIL AT PORCH

1” = 1’-0”
PREFABRICATED WOOD TRUSSES – SEE FRAMING PLAN

2 X 6 STUD WALL @ 16" O.C.

(2) LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD

1/2" GYPSUM SHEATHING

8" HARDBOARD LAP SIDING – COLORLOCK OR EQUAL

R-19 BATT INSULATION

5/4" X 3 1/2" HARDBOARD TRIM – PAINTED

24 GA. GALVANIZED METAL DRIP EDGE

ASPHALT SHINGLES ON (1) LAYER OF #15 FELT ON 1/2" A.P.A. ROOF SHEATHING

1 1/2" = 1’-0”

TRUSS AND NON-BEARING WALL DETAIL

07F-1002
EXTRUDED ALUMINUM RETAINING ANGLE
EXTRUDED ALUMINUM CURB FRAME
WEEP HOLE FOAM
1/4" Ø FASTENER AT 18" O.C.
CAULK MULLION JOINTS, TYPICAL
CUTTER SEAL JOINTS, TYPICAL
FLAShING
ACRYLIC PLASTIC DOMES
BUTYL SEALANT

#14 X 1-3/8" HEX HEAD SCREW
#10 X 7/16" PAN HEAD SCREWS AT 18" O.C.

CLUSTER SKYLIGHT
3" = 1'-0"

07E-5001
CUSTOM METAL-FRAMED GLASS ROOF SYSTEM

3” = 1’-0”
1. METAL LOUVER.
2. SKYLIGHT RIDGE.
3. ALUMINIUM REGLET FLASHING BY SKYLIGHT MANUFACTURER.
4. 6” X 20 GAUGE METAL STUD WALL WITH 1/2” PLYWOOD SHEATHING.
5. CEMENT STUCCO OVER METAL LATH AND 1” RIGID INSULATION.
6. SINGLE PLY MEMBRANE ROOF.
7. METAL WEEP SCREED / STUCCO STOP.
1. METAL LOUVER.
2. SKYLIGHT RIDGE.
3. ALUMINUM REGLET FLASHING BY SKYLIGHT MANUFACTURER.
4. 6” X 20 GAUGE METAL STUD WALL WITH 1/2” PLYWOOD SHEATHING.
5. CEMENT STUCCO OVER METAL LATH AND 1” RIGID INSULATION.
6. SINGLE PLY MEMBRANE ROOF.
7. METAL WEEP SCREED / STUCCO STOP.

SKYLIGHT END WALL

3/4” = 1’-0”

07E-4002
1. EXTRUDED ALUMINUM RIDGE WITH PAINTED FINISH - COLOR TO MATCH STOREFRONT WINDOWS.
2. GLAZING BARS
3. GLAZING.
4. ALUMINUM RIDGE CAP WITH PAINTED FINISH.
1. Extruded aluminum ridge with painted finish – color to match storefront windows.
2. Glazing bars
4. Aluminum ridge cap with painted finish.

SKYLIGHT RIDGE

3” = 1’-0”
OUTSIDE CURB DIMENSION

PANEL WIDTH VARIES PANEL WIDTH 5/16"

2 3/4"

PANEL WIDTH

WALL ROUGH OPENING 2 1/8"

5 1/2" MIN.

FIBERGLASS INSULATED SANDWICH PANEL SKYLIGHT

3" = 1’-0"

07E-4004

1. FLASHING.
2. SUPPORT CURB.
3. SELF-SUPPORTING SKYLIGHT PANEL.
outside curb dimension

panel width varies

panel width 5/16"

wall rough opening 2 1/8"

w 2 3/4"

self-supporting skylight panel

fibrerglass insulated sandwich panel skylight

3'' = 1'-0''

07E-4004
FIBERGLASS INSULATED SANDWICH PANEL SKYLIGHT

3” = 1’-0”

1. FLASHING.
2. SUPPORT CURB.
3. SELF-SUPPORTING SKYLIGHT PANEL.
4. SLOPE: 20°, 27.25°, 33.33°, OR 45° (TYPICAL).
1. FLASHING.
2. SUPPORT CURB.
3. SELF-SUPPORTING SKYLIGHT PANEL.
4. SLOPE: 20°, 27.25°, 33.33°, OR 45° (TYPICAL).

FIBERGLASS INSULATED SANDWICH PANEL SKYLIGHT

3" = 1'-0"
1. Steel angle frame all around opening, taper to create level installation.
2. Prefabricated skylight unit on 2 x 12 fire retardant treated wood curb.
3. 4” cant strip
4. Modified bitumen reinforced composite sheet roofing on rigid insulation.
5. 2x6 continuous fire retardant treated wood nailer at perimeter of opening.
6. 5/8” type ‘X’ gypsum board.
7. Casing bead.

SKYLIGHT AT METAL DECK
SCALE: 1” = 1’-0”
07E-1001
1. PREFABRICATED SKYLIGHT UNIT ON 2 X 12 FIRE RETARDANT TREATED WOOD CURB.
2. 4” CANT STRIP.
3. MODIFIED BITUMEN REINFORCED COMPOSITE SHEET ROOFING
4. STRUCTURAL WOOD HEADERS.
5. STRUCTURAL PLYWOOD SHEATHING.
6. 5/8” TYPE ‘X’ GYPSUM BOARD.
7. CASING BEAD.
SKYLIGHT — LIGHT WELL

3/8” = 1’-0”

07E-1003
1. ASPHALT SHINGLES ON (1) LAYER OF #15 FELT ON 1/2" A.P.A. RATED ROOF SHEATHING.
2. PRE-ENGINEERED, PRE-FABRICATED ROOF TRUSS – SEE FRAMING PLAN.
3. 2’ X 6’ DUAL DOMES SKYLIGHT – INSTALL PER MANUFACTURER’S SPECIFICATIONS.
4. CRICKET.
5. (2) LAYERS OF 5/8” TYPE ‘X’ GYPSUM BOARD.
6. 2 X 4 STUD WALL @ 16” O.C.
7. (2) 2 X 6’S.
8. R-30 CEILING INSULATION.
9. 1/2” GYPSUM BOARD.
10. 2 X 10 CURB.
11. J-METAL.

NOTE: INTERIOR OPENING FOR SKYLIGHT TO MATCH CEILING RIDGE AND WALL.

SKYLIGHT DETAIL

1/2” = 1’-0”
OPERABLE SKYLIGHT DETAIL

6" = 1'-0"

07E-1005

Samples from www.AutoCADDetails.net
1. DOUBLE DOME SKYLIGHT.
2. SKYLIGHT FRAME WITH WEEP HOLES.
3. CAP FLASHING.
4. FASTENERS.
5. BUILT-UP ROOFING – SEE SPECIFICATIONS.
6. PRIMARY INSULATION.
7. OPTIONAL AIR/VAPOR BARRIER.
8. PLYWOOD.
9. METAL DECKING.
10. CANT STRIP.

NOTE: CANT STRIPS ARE NOT REQUIRED WHEN CAP FLASHING OR ALL PLIES ARE THERMOFUSED.
1. DOUBLE DOME SKYLIGHT.
2. SKYLIGHT FRAME WITH WEEP HOLES.
3. CAP FLASHING.
4. FASTENERS.
5. BUILT-UP ROOFING – SEE SPECIFICATIONS.
6. PRIMARY INSULATION.
7. OPTIONAL AIR/VAPOR BARRIER.
8. PLYWOOD.
9. METAL DECKING.
10. CANT STRIP.

NOTE: CANT STRIPS ARE NOT REQUIRED WHEN CAP FLASHING OR ALL PLIES ARE THERMOfUSED.
1. PREFABRICATED EQUIPMENT
   ROOF CURB.
2. SKYLIGHT.
3. BLOCKING AS REQUIRED.
4. 4" CANT.
5. MODIFIED BITUMEN REINFORCED
   COMPOSITE SHEET ROOFING SYSTEM.
6. PLYWOOD DECK.
7. WOOD JOIST.
8. ONE HR. RATED ROOF SYSTEM, TWO
   LAYERS OF 5/8" TYPE 'X' GYP. BD.
9. 3-5/8" METAL STUDS AT 16" O.C.
10. ACOUSTICAL CEILING PANEL.
11. GYP. BD. SOFFIT.
12. PARABOLIC LENS TO MATCH
    FLUORESCENT FIXTURES.
13. 1/2" 'CELOTEX' INSULATION BOARD
    WITH ALUMINUM FOIL BOTH SIDES
    CLEAR SIDE FACING OUT. TAPE
    ALL CORNERS WITH FOIL TAPE.

SKYLIGHT WELL

1 1/2" = 1’-0”

07E-2001
1. ANGLE IRON FRAME ALL AROUND OPENING. TAPER TO CREATE LEVEL INSTALLATION.
2. PREFABRICATED SKYLIGHT UNIT BOLTED TO FRAME @ 12” O.C. ALL AROUND.
3. #4 CANT STRIP.
4. MEMBRANE ROOFING OVER LIGHTWEIGHT FILL OVER 1 1/2” METAL DECKING.

SKYLIGHT CURB
SCALE: 1 1/2” = 1’-0”

07E-2002