



CONSTRUCTION MATERIAL KEY:

- 1 2'-0" X 2'-0" X 2'-0" CONCRETE PAVER
- 2 PAVE EL PEDESTAL WITH PROTECTION PAD
- 3 EPDM ROOFING
- 4 RIGID INSULATION
- 5 STEEL DECKING
- 6 STEEL BAR JOIST
- 7 POLISHED CONCRETE SLAB
- 8 4" X 4" X .375" STEEL ANGLE BOLTED
- 9 STEEL TUBE 8" X 2" X .375" @8 8'0" O.C.
- 10 VERTICALLY AND @ 2'6" HORIZONTALLY, .375" THICK STEEL PLATE WELDED TO TUBE & BOLTED TO CHANNEL
- 11 STEEL SECONDARY BEAM W8X21 @ 24'-0" CENTERS
- 12 STAINLESS FLASHING
- 13 TREATED WOOD BLOCKING
- 14 THERMAL BREAK
- 15 STEEL CHANNEL C15X50
- 16 STEEL PRIMARY BEAM W16X45
- 17 WELDED WIRE MESH
- 18 STEEL DECKING
- 19 RIGID INSULATION
- 20 KAWNEER WINDOW 451T SPACED 4'-0" O.C.
- 21 STEEL SECONDARY BEAM W8X40 @12'0" O.C.
- 22 COLD ROLLED METAL FRAMING @16" O.C. SPACING
- 23 STEEL CHANNEL C15X50
- 24 THERMAL BREAK
- 25 5/8"1/2" TK. FIBER CEMENT PANEL
- 26 STEEL COLUMN W8X24 @ 24'-0" O.C. WITH 1/2" DIA. ANCHOR BOLTS WITH NON SHRINK GROUT BED
- 27 CORRUGATED METAL SIDING
- 28 VAPOR BARRIER
- 29 RIGID INSULATION
- 30 WATERPROOFING
- 31 COMPACTED GRAVEL FILL
- 32 10" TK. CAST IN PLACE CONCRETE
- 33 FOUNDATION DRAIN W/ GEO TEXTILE FABRIC
- 34 GRAVEL BACKFILL
- 35 REINFORCED CONCRETE FOOTING
- 36 EARTH/GROUND
- 37 18" WIDE CONCRETE PIER
- 38 RIGID INSULATION
- 39 COMPACTED GRAVEL FILL
- 40 VAPOR BARRIER
- 41 CONCRETE SLAB
- 42 WELDED WIRE MESH
- 43 SILL SEAL
- 44 TYPE X GYPSUM BOARD

ASSEMBLY SEQUENCE

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ASSIGNMENT 1

48-215 MATERIALS & ASSEMBLY
SPRING 2017
INSTRUCTOR: DAMIANI

SELENA ZHEN

EXPLODED PARALINE

SCALE: 1/4" = 1'0"