CEILING FINISHES

3X3 NOISE REDUCTION
HANGING CEILING TILE
IN CLASSES AND OFFICES

PAINTED GYPSUM BOARD FOR
PUBLIC SPACES

UNFINISHED CEILINGS FOR SERVICE
SPACES AND STAIRWELLS

GROUND FLOOR RCP
1:500
ARTIFICIAL LIGHTING

3X3 LIGHTING PANELS IN CLASSES AND OFFICES

3" DIAMETER LIGHTING FIXTURES IN PUBLIC SPACES

INDIVIDUAL CONTROLS TO MINIMIZE LIGHTING USED

FIRST FLOOR RCP
1:500
TYPICAL ROOFING / CEILING ASSEMBLY
BUILT UP BITUMINOUS ROOFING
4" RIGID INSULATION
SLOPE OF 1:20 IN OPPOSITE DIRECTION
METAL FLASHING
6" POURED CONCRETE SLAB
1' DEEP I-BEAMS 10' O.C.
1/2" GYPSUM BOARD FINISH

TYPICAL WALL AND FENESTRATION ASSEMBLY
8" DEEP CUSTOM METAL PANEL SUN-SCREEN
ATTACHED WITH METAL BRACKETS TO
PRESSURE PLATE MULLION SYSTEM
5' THICK CURTAIN WALL SYSTEM WITH DOUBLE-E
GLAZING 3.5' X 3' GLASS PANELS W/ OPERABLE WINDOWS
1/2" GYPSUM BOARD FINISH
8-DOOR FOLDING NANO WALL SYSTEM AT 3' WIDE
DOOR PANEL OPENS INTO CLASSROOMS

TYPICAL FLOORING ASSEMBLY
1/2" COMPOSITE TILE
6" POURED CONCRETE SLAB

TYPICAL FOUNDATION ASSEMBLY
6" POURED CONCRETE SLAB
1/4" CONCRETE FOUNDATION WALLS WITH 2' WIDE
STRIP FOOTING
4' CRAWL SPACE
4" GRAVEL BASE
4" DRAINAGE PIPE 2" FROM FOOTING WITH GRAVEL FILL

EXTERIOR WALL SECTION ON S-W FACADE
1:50
TYPICAL ROOFING / CEILING ASSEMBLY

BUILT UP BITUMINOUS ROOFING
4" RIGID INSULATION
SLOPE OF 1:20 IN OPPOSITE DIRECTION
METAL FLASHING
6" Poured CONCRETE SLAB
1" DEEP I-BEAMS 10' O.C.
1/2" GYPSUM BOARD FINISH
1" x 3' x 3' ACOUSTICAL CEILING TILE IN CLASSROOMS

CLERESTORY VENT ASSEMBLY
6" METAL VENTILATION BLINDS 5' HIGH

TYPICAL WALL ASSEMBLY
4.5" METAL C-CHANNELS 18" O.C.
BATT INSULATION
1/2" GYPSUM BOARD FINISH

TYPICAL FLOORING ASSEMBLY
1/2" COMPOSITE TILE
6" Poured CONCRETE SLAB

TYPICAL FOUNDATION ASSEMBLY
6" Poured CONCRETE SLAB
14" CONCRETE FOUNDATION WALLS WITH 2" WIDE STRIP FOOTING
4" CRAWL SPACE
4" GRAVEL BASE
4" DRAINAGE PIPE 2" FROM FOOTING WITH GRAVEL FILL

INTERIOR WALL SECTION
1:50
TYPICAL ROOFING / CEILING ASSEMBLY

BUILT UP BITUMINOUS ROOFING
4" RIGID INSULATION
METAL FLASHING
6" POURED CONCRETE SLAB
12" DEEP I-BEAMS
1/2" GYPSUM BOARD FINISH

TYPICAL CLERESTORY

5' THICK CURTAIN WALL SYSTEM WITH DOUBLE-E GLAZING 3.5' X 3' GLASS PANELS

TYPICAL STAIR

6" RISERS, 11" TREAD DEPTH
6" STRUCTURAL CONCRETE
1/2" ROUND HANDRAILS @ 8" O.C.
3/4" NON-SLIP TEXTURED LINOLEUM TOPPER

TYPICAL FLOORING ASSEMBLY

1/2" COMPOSITE TILE
6" POURED CONCRETE SLAB

TYPICAL FOUNDATION ASSEMBLY

6" POURED CONCRETE SLAB
1/4" CONCRETE FOUNDATION WALLS WITH 2' WIDE STRIP FOOTING
4" CRAWL SPACE
4" GRAVEL BASE
4" DRAINAGE PIPE 2" FROM FOOTING WITH GRAVEL FILL

EXTERIOR WALL SECTION BY MAIN STAIR
1:50