MCA CONSULTANTS INC
ENGINEERS - PROJECT MANAGEMENT

MECHANICAL ADDENDUM NO. 1

PROJECT Ecole Evangeline IT Consolidation	**PROJECT NO.** 15-131
DESCRIPTION Mechanical Addendum No. 1	**DATE** July 13, 2015

Item No. 1 Reference Drawing M1 of 2

.1 Contractor to disconnect and cap sanitary and domestic water lines for sink being removed outside new Lan Room. Provide indirect connection for A/C unit condensate from drain.

.2 Provide new shutoff valves for radiation being relocated.

Item No. 2 Reference Drawing M2 of 2

.1 Specification Par 4.3.1 – Delete requirement for space temperature sensor and alarm to EMCS. This will be provided through security system for this project.

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1. Reference Drawings

.1 All Drawings

.1 Provide firestopping for all penetrations through floors and walls that is part of a fire rated assembly.

.2 The School does not have a lift available on site for use by the Contractor.

.3 Provide temperature sensors in each communications room and connect each one to the existing security system. The trouble alarm can register as one for all three rooms instead of individual troubles.

.2 Drawing E-1 – Main Floor Plan Communications

.1 Plan 1/E1 – Main Floor Communications

.1 The contractor is responsible to verify all ceiling types but because of the complexity of the high school wing refer to Esk-1 for ceiling types and wiring methods. In areas where there are tile ceilings surface raceway will be run from the solid wall duct in corridor to each drop/outlet. Solid wall duct shall be Panduit FS series, white color with dimensions as noted on the sketches. There are a number of areas (allow for three per floor) where ducts will need to drop down (allow 300mm) under bulkheads and back up.

.2 Add note 7:
"7.) In the Gymnasium where vertical lifts are used lay down 15mm (5/8") full sheets of plywood to protect the flooring."

.3 All drops east of wall between Gym and Auxiliary Gym to be wired to TR3.

.4 The main electrical service is located along the northeast wall in the unlabeled room in between rooms 300A and 1303.

.3 Drawing E-2 – Second Floor Plan Communications

.1 Plan 1/E2 – Second Floor Communications

.1 The contractor is responsible to verify all ceiling types but because of the complexity of the high school wing refer to Esk-2 for ceiling types and wiring methods. In areas where there are tile ceilings surface raceway will be run from the solid wall duct in corridor to

each drop/outlet. Solid wall duct shall be Panduit FS series, white color with dimensions as noted on the sketches. There are a number of areas (allow for three per floor) where ducts will need to drop down (allow 300mm) under bulkheads and back up.

.2 All drops east of wall between Gym and Auxiliary Gym to be wired to TR3.

.3 In Rom 2110 add a communications outlet with “0+1” along south wall between the door to corridor and the west wall.

.4 Drawing E-3 – Enlarged Communications Rooms and Details

.1 All enlarged TR plans

.1 Add note:
“The location of all AC units in LAN Rooms to be coordinated with the TIR Project Manager and the Mechanical Engineer before rough in begins.”

.2 Plan 1/E3 – Enlarged (TR1) Plans

.1 The existing racks are now closer to the south wall and will be relocated so that they are centered in room. Exact location to be coordinated with ITSS on site.

.3 Plan 2/E3 – Enlarged (TR2) Plans

.1 The existing ceiling is to remain.

.2 The length of TR2 will be 4114.8mm as noted and width of the room is existing at 3040.4mm.

.4 Plan 3/E3 – Enlarged (TR3) Plans

.1 The existing cabinets will not be relocated but removed only.

.2 All walls in TR3 will be patched and painted once shelves and cabinets are removed.

.5 Plan 4/E3 – Enlarged New Office.

.1 The length of TR2 will be 4114.8mm and width of the room is existing at 3040.4mm.

.2 The new office will have a length of 4164.7mm and widths of 2453.5mm and 3564.2mm.

.5 Drawing E-4 – Communications Details & Specifications

.1 Detail 8/E4 – Voice/Data Communications Specifications

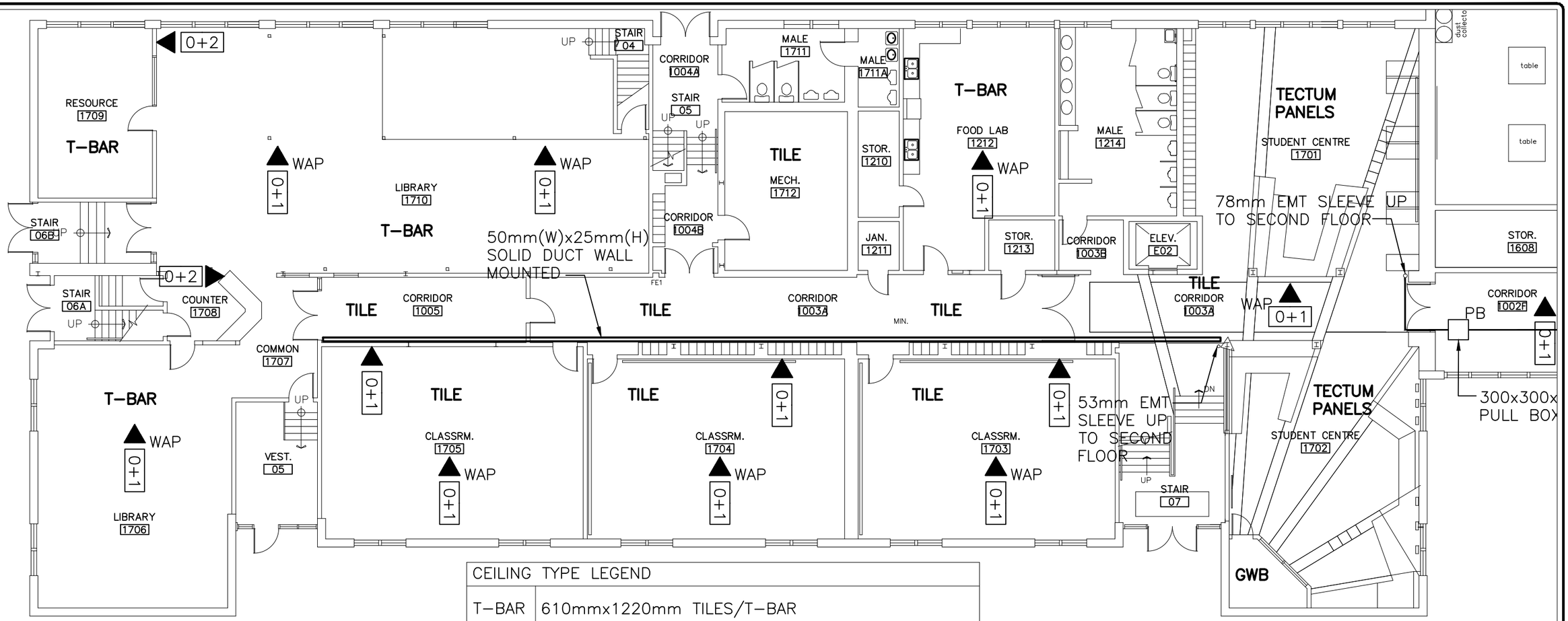
.1 Add the following sentences to paragraph 22:
"Branch offs from main corridor or cable runs within rooms between 1 and 5 Cat 6 cables shall use Caddy CAT12 J-hooks, runs between 6 and 16 shall use Caddy CAT21 J-hooks and between 17 and 25 shall use Caddy CAT32 J-hooks. All cable runs more than 25 shall use Caddy CAT64 J-hooks. Cables **will not be** laid on or supported directly by the steel joists. New cables will not be installed with existing cables in existing j-hooks or bundled or fastened to any existing cables."

.2 In Paragraph 26 delete the 24 port patch panel. All patch panels shall be 48 port.

.3 Add Paragraph 40:
"40.) In TR1 provide two (2) patch panels.

.4 Add Paragraph 41:
"41.) In TR2 provide five (5) patch panels.

.5 Add Paragraph 42:
"42.) In TR3 provide four (4) patch panels.



CEILING TYPE LEGEND	
T-BAR	610mmx1220mm TILES/T-BAR
TILE	SQUARE ADHESIVE TYPE TILES
TECTUM PANELS	610mmx1220mm ADHESIVE TYPE TILES
GWB	GYPSUM WALL BOARD CEILING

1
ESK-1

PARTIAL MAIN FLOOR PLAN

SCALE : 1:150

project ECOLE EVANGELINE HIGH SCHOOL IT CONSOLIDATION	
detail PARTIAL MAIN FLOOR PLAN (HIGH SCHOOL WING) CEILING TYPES	
drawn MM	approved JPG
project no 150-15018	date JULY 2015
sheet no ESK-1	scale 1:150

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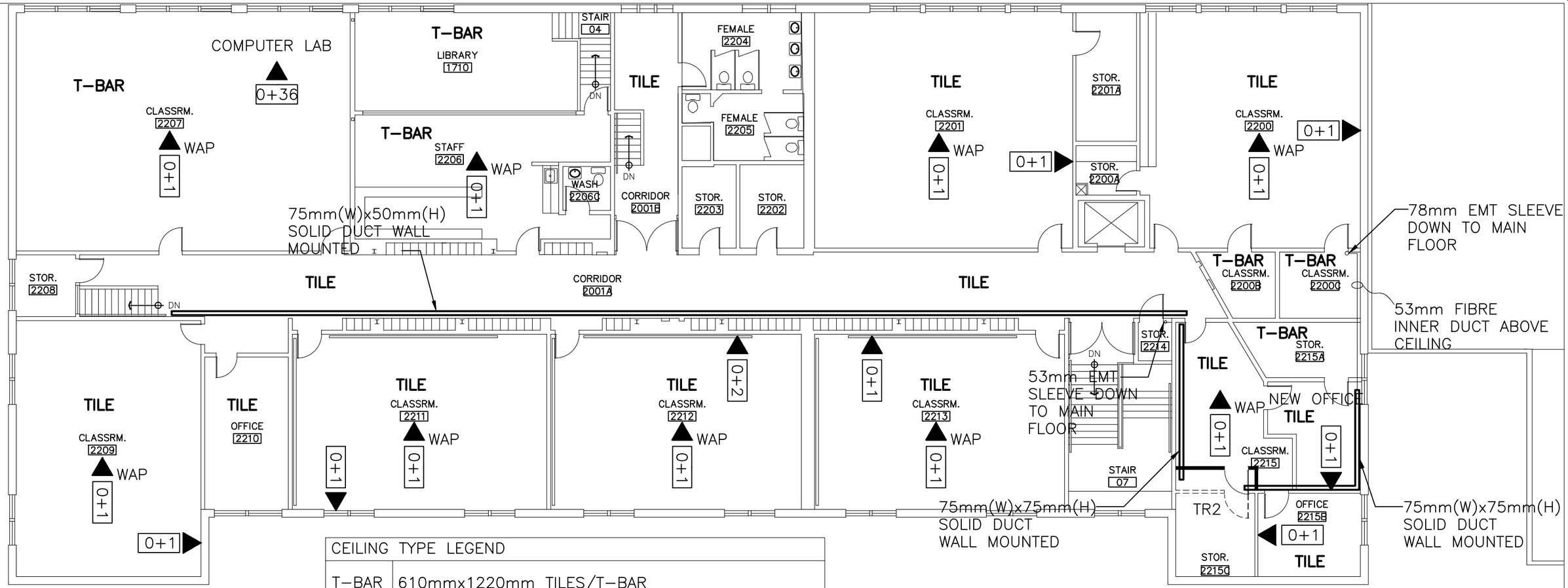

CEILING TYPE LEGEND	
T-BAR	610mmx1220mm TILES/T-BAR
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TECTUM PANELS	610mmx1220mm ADHESIVE TYPE TILES
GWB	GYPSUM WALL BOARD CEILING

1 / ESK-2 PARTIAL SECOND FLOOR PLAN

SCALE : 1:150

project ECOLE EVANGELINE HIGH SCHOOL IT CONSOLIDATION	
detail PARTIAL SECOND FLOOR PLAN (HIGH SCHOOL WING) CEILING TYPES	
drawn MM	approved JPG
project no 150-15018	date JULY 2015
sheet no ESK-2	scale 1:150

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