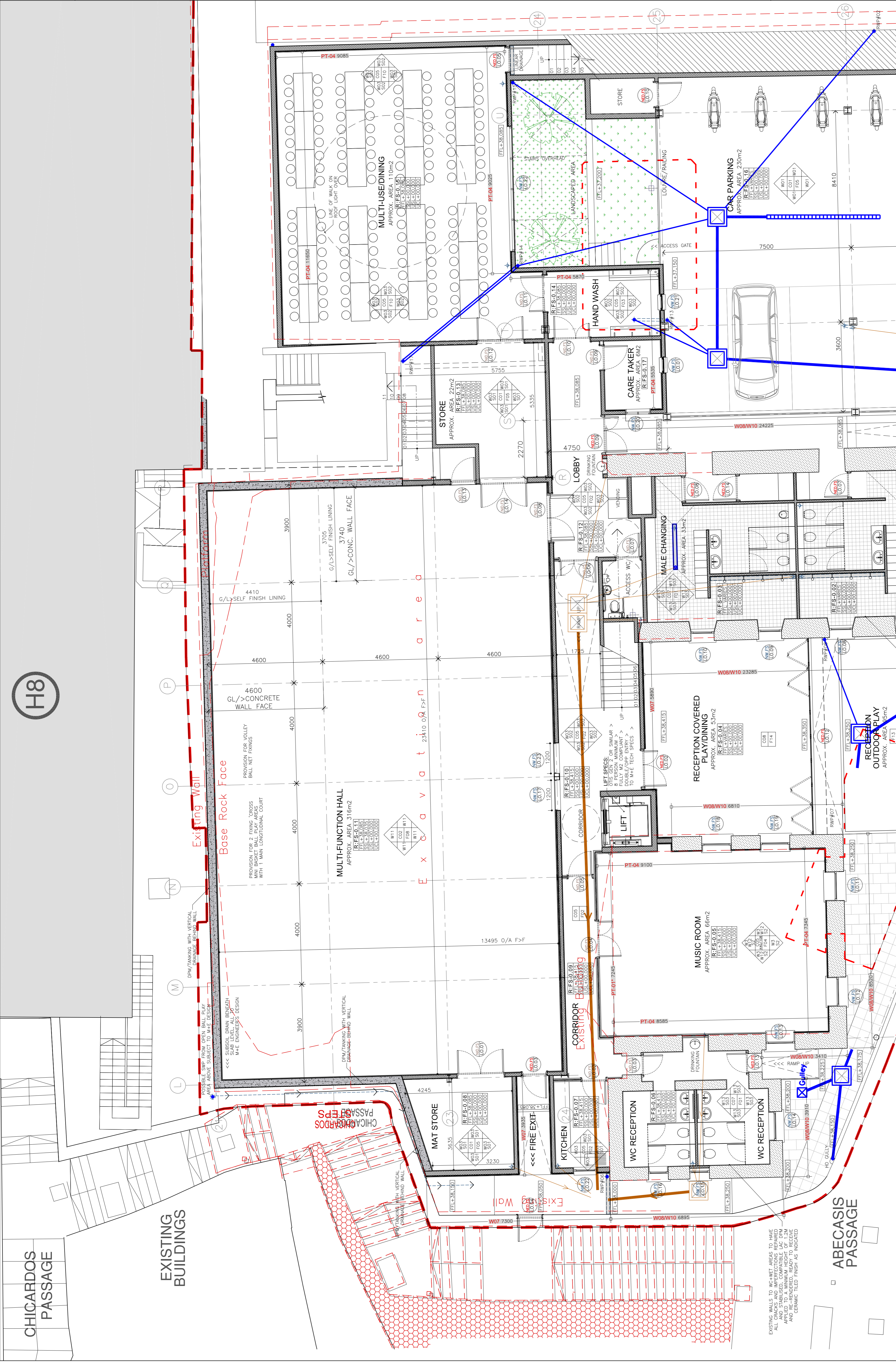


NOTES:
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FOR CONSTRUCTION

rev	date	amendments
A	20.02.14	UPDATED BASE LAYOUTS
B	28.02.14	UPDATED NOTES
C	10.03.14	DRAINAGE SHOWN
D	11.04.14	GENERAL UPDATE

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CLIENT
 GOVERNMENT OF GIBRALTAR
 DEPARTMENT OF EDUCATION

PROJECT
 ST BERNARDS SCHOOLS

DRAWING TITLE
 PROPOSED PLAN LEVEL 0
 (FIRST SCHOOL PARTIAL LAYOUT 1 OF 2)

SCALE
 1:75@A1

JOB + DRG REF. No.
 G568[5-011]-PINS-01-5

DATE
 28.11.13

REV
 D

ST BERNARDS - PROPOSED PLAN LEVEL 0
 FIRST SCHOOL PARTIAL LAYOUT 1 OF 2
 FOR GENERAL LOCATION REFER TO :
 WSRM DRG NO. G568(3-001)-GA-LVL-0-150

SCALE 1:75

CONSTRUCTION LEGEND:

- TERAZZO/TILE (TM)
- COMMON BLOCKWORK
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- PT-02-HLW
- CLERESTORY H/V WINDOW (REF: XXXX)

KEY TO DIMENSIONS [IN M.M.] :

- 1450 DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 DENOTES EXTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
- FFL+XX.XXX FINISHED FLOOR LEVEL
- SSL+XX.XXX STRUCTURAL SLAB LEVEL
- UCL+XX.XXX U/S STRUCTURAL SOFFIT LEVEL
- UFL+XX.XXX U/S FINISHED LINING LEVEL
- ~.XX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- WALL PARTITION LINING TYPE 1: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING], 15MM NBS K10/100 SIMILAR WITH 50MM TRAC/MX ACUSTIC INSULATION []
- WALL PARTITION LINING TYPE 2: FEATHERED EDGE TAPE AND JOINTED [READY FOR PAINTING], 15MM GTEC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/60GEC STUD BY LARAGE OR SIMILAR WITH 50MM TRAC/MX ACUSTIC INSULATION []
- WALL PARTITION LINING TYPE 3: FEATHERED EDGE TAPE AND JOINTED [READY FOR PAINTING], 15MM GTEC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/60GEC STUD BY LARAGE OR SIMILAR WITH 50MM TRAC/MX ACUSTIC INSULATION []
- WALL LINING TYPE 4: FEATHERED EDGE TAPE AND JOINTED [READY FOR PAINTING], 30MM GTEC THERMAL BOARD BY LARAGE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD
- WALL LINING TYPE 5: FEATHERED EDGE TAPE AND JOINTED [READY FOR PAINTING], 12.5MM GTEC THERMAL BOARD BY LARAGE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M62/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	60X60 REMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	MODULAR ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	60X60 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT GLAZING BOARD

SKIRTING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P20/120	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

WALL FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M62/110	W01	PAINTED RENDER FINISH
M62/111	W02	PAINTED MASONRY/CONCRETE BLOCKS/WALLS
M62/100	W03	NON-SLIP COMFORT RESIN FLOOR
M62/101	W04	SHAKABLE EMULSION PAINTED LINING
XX	W05	MOISTURE RESISTANT PAINTED LINING
M42/110	W06	MIRROR ON PLYWOOD BACKING
M2/120	W07	FULL HEIGHT CERAMIC WALL TILING
M2/160	W08	ELASTOMERIC S/COLOUR RENDER FINISH OVER EXISTING WALLS
M62/170	W09	SIKA GUARD WATER REPELLANT IMPREGNATION TO STONE WALLS
SPECIALIST	W10	SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
K32/120	W11	SELF FINISH HIGH PRESSURE SOLID CORE RESIN URMATE
K12/160	W12	SELF FINISH ACOUSTIC LINING BOARD
M40/111	W13	CERAMIC TILE
M20/160	W14	ELASTOMERIC S/COLOUR RENDER FINISH OVER GTEC AQUABOARD

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M42/110	F01	NON-SLIP CERAMIC FLOOR TILING
M12/111	F02	SIKA STANDARD COMFORT RESIN FLOOR
M12/111	F03	SIKA NON-SLIP COMFORT RESIN FLOOR
M12/112	F04	SIKA PRO-COMFORT RESIN FLOOR
M12/113	F05	SIKA 264 2 PART EPOXY RESIN
Q24/110	F06	BRENICO LOSA VOLCANO 400X700MM
N10/200	F07	BARRIER ENTRANCE MATTING
K2/141	F08	4.5MM UPVC TRAFEX(KAS) SPORTS FLE
M12/114	F09	SIKA PULVISC POLYURETHANE FLOOR
M12/115	F10	SIKA REGUPOL SHOOKPAD FLOORING
L10/460	F11	WALK ON GLASS/ROOF LIGHTS
M50/150	F12	NON-SLIP VINYL
M40/111	F13	NDM 100MM DRAINED RUBBER CRUMB
M50/150	F14	HIGH QUALITY POWER FLOATED CONCRETE

H8

NOTES:
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GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

- DEMOLITIONS**
REFER TO WSRM DMS (7777 SERIES) AND STRUCTURAL ENGINEER'S DETAILS
- EXCAVATING AND FILLING**
SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
- IN-SITU CONCRETE/LARGE PRECAST CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- IN-SITU CONCRETE MAKES, CASTING AND CURING**
TO STRUCTURAL ENGINEER'S DETAILS
- FORM FOR IN-SITU CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- REINFORCEMENT FOR IN-SITU CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- DESIGNED JOINTS IN IN-SITU CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- WORKED FINISHES TO IN-SITU CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS**
TO STRUCTURAL ENGINEER'S DETAILS

- CONSERVATION OF FUEL AND POWER** - GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.35W/M2K MIN.
- FLOORS < 0.25W/M2K MIN. TO CONDITIONED FLOOR PLATES
- ACCESSORIES/SUNSCREENS FOR BRICK / BLOCK / STONE WALLING**
WALL TIES TO DD 140/P2 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER

- STRUCTURAL / CARCASSING / METAL / TIMBER**
- STRUCTURAL STEEL FRAMING**
TO STRUCTURAL ENGINEER'S DETAILS
- ISOLATED STRUCTURAL METAL MEMBERS**
TO STRUCTURAL ENGINEER'S DETAILS
- CARPENTRY / TIMBER FRAMING / FIRST FIXING**
TO STRUCTURAL ENGINEER'S DETAILS
- METAL PROFILED SHEET DECKING**
TO STRUCTURAL ENGINEER'S DETAILS

- FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTUMESCENT PAINT APPLICATION (GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (OR SIMILAR) BOWING TO CEILING AND FLOOR JOISTS IN ROCK, MINERAL WOOL OR SIMILAR, ALL IN ACCORDANCE WITH PART 8 OF THE UK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO ACHIEVE A MINIMUM FIRE R.**
- MECHANICAL HEATING AND VENTILATION** - THIS SYSTEM INCLUDES A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY SYSTEM. THE SYSTEM WILL BE DESIGNED TO ALLOW WATER, WIND AND A COMBINATION OF VENTILATION BUGS AND SUPPLY OPENINGS.

- ELECTRICAL WORK:**
TO M+E ENGINEER'S DESIGN AND DETAILS
- DRAINAGE ABOVE GROUND:**
AS INDICATIVELY SHOWN ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. ALL DRAINAGE TO BE PIPED COATED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION TO BE
- DRAINAGE BELOW GROUND:**
TO M+E ENGINEER'S DESIGN AND DETAILS

- FITTING OUT (GENERAL NOTE):**
POSITIONS OF WHITE ISLANDS ARE SHOWN INDICATIVELY FOR APPROVAL. CONTRACTOR TO VERIFY AND APPROVE WITH APPROVAL CONTRACTOR TO ALLOW FOR ALL CONDUITS AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR CONSTRUCTION

REV	DATE	DESCRIPTION
A	20.02.14	UPDATED BASE LAYOUTS
B	28.02.14	DATED NOTES
C	10.03.14	DRAINAGE SHOWN
D	11.04.14	GENERAL UPDATE

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CLIENT:
GOVERNMENT OF GIBRALTAR
DEPARTMENT OF EDUCATION

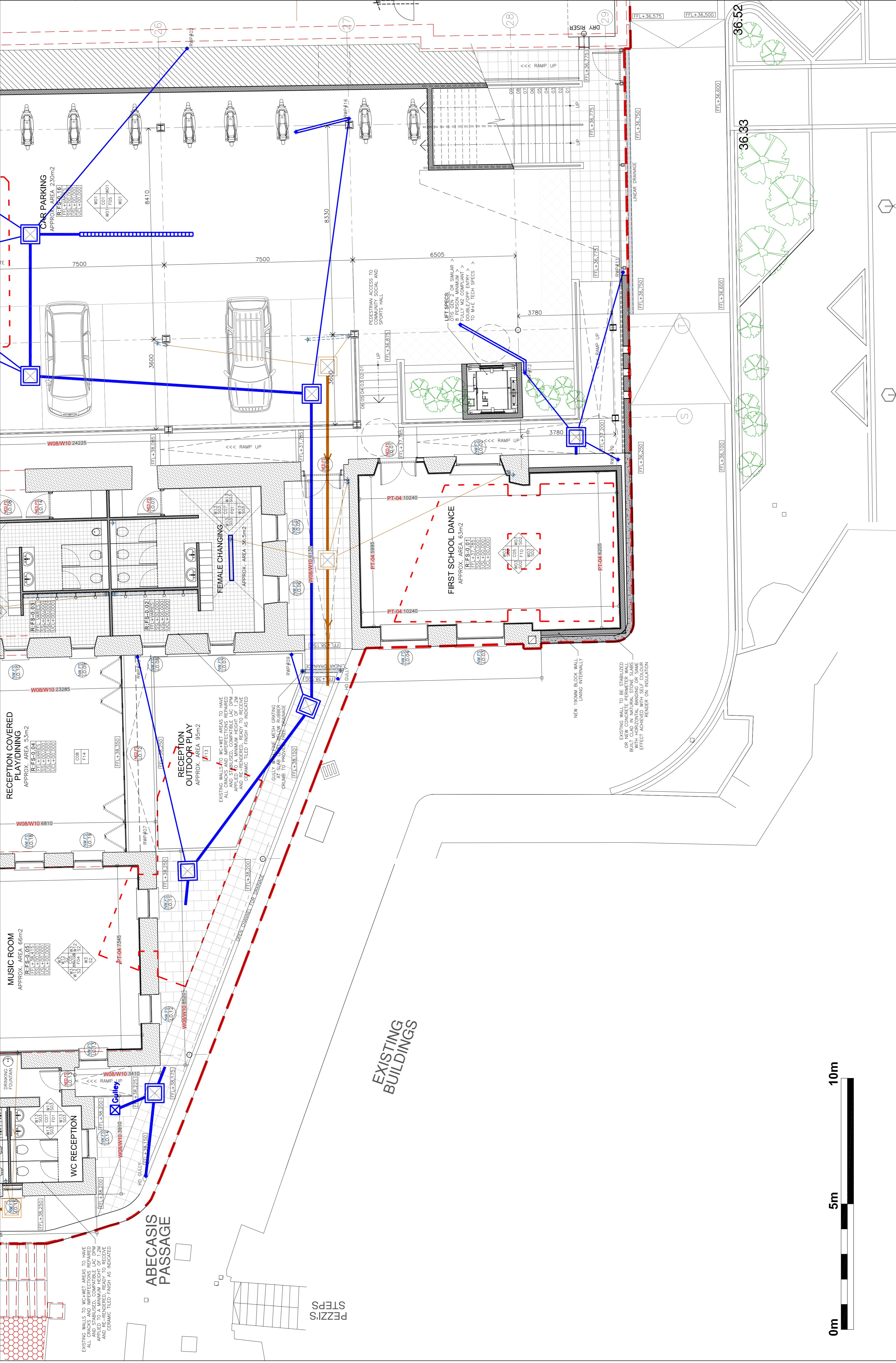
PROJECT:
ST BERNARDS SCHOOLS

DRAWING TITLE:
PROPOSED PLAN LEVEL 0
(FIRST SCHOOL PARTIAL LAYOUT 2 OF 2)

SCALE:
1:75@A1
DATE:
28.11.13

JOB + DRG REF. NO.:
G568[5-012]PINS-075

REV:
D



ST BERNARDS - PROPOSED PLAN LEVEL 0
FIRST SCHOOL PARTIAL LAYOUT 2 OF 2
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-012]-GA-LVL-0-150

SCALE: 1:75

CONSTRUCTION LEGEND:

- TERMOGELLA (TM) NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- CLERESTORY H/V WINDOW (REF: XXX)

KEY TO DIMENSIONS [IN M.M.] :

- 1450 → DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 → DENOTES INTERNAL DIMENSIONS TO FINISH FLOOR LEVEL
- 1450 → DENOTES FINISHED FLOOR LEVEL
- FFL+XX.XXX STRUCTURAL SLAB LEVEL
- SSL+XX.XXX U/S STRUCTURAL SOFFIT LEVEL
- UCL+XX.XXX U/S FINISHED LIVING LEVEL
- ~.XX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- WALL PARTITION LINING TYPE 1**
FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GFC MEGACORBOARD ON 90°/180°M GFC STD BY LAPARGE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [*]
- WALL PARTITION LINING TYPE 2**
15MM GFC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90°/180°GFC STD BY LAPARGE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [*]
- WALL PARTITION LINING TYPE 3**
EXTERNALLY CHASSISSED BOARD ONLY - NO PLYWOOD LINING ON 90°/180°GFC STD BY LAPARGE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [*]
- WALL LINING TYPE 4**
FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 30MM SURFACE MOUNTED PAINTED MDF BOARD ON SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD
- WALL LINING TYPE 5**
FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 12.5MM GFC MEGACORBOARD BY LAPARGE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD

KEY TO CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600600 DEMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	600600 ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	600600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

KEY TO FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON-SLIP CERAMIC FLOOR TILING
M60/111	F02	SKA STANDARD COMFORT RESIN FLOOR
M60/100	F03	SKA NON-SLIP COMFORT RESIN FLOOR
M60/101	F04	SKA PRO-COMFORT RESIN FLOOR
M60/102	F05	SKA 264 2 PART EPOXY RESIN
M20/113	F06	BRENCO LISA VOLCANO 4055X70MM
M10/300	F07	BARRIER ENTRANCE MATTING
K21/141	F08	4.5MM UPVC PARALEX(45) SPORTS FLR
M60/170	F09	SKA PULASTIC POLYURETHANE FLOOR
M12/114	F10	SKA REGIPOOL SHOCKPAD FLOORING
L10/460	F11	WALK ON GLASS/ROOF LIGHTS
M50/150	F12	NON-SLIP VINYL
M40/111	F13	NOM. 100MM DRAINED RUBBER CRUMB
M50/150	F14	HIGH QUALITY POWER FLOATED CONCRETE

KEY TO SKIRTING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
M40/111	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

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GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

GROUND WORKS
C20 DEMOLITIONS REFER TO WSRM DRGS [???? SERIES] AND STRUCTURAL ENGINEER'S DETAILS
C20 EXCAVATING AND FILLING SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
E05 INSTU CONCRETE/LARGE PRECAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E10 INSTU CONCRETE MAKES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E40 DESIGNED JOINTS IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF FUEL AND POWER - GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.35W/M2K MIN.
- FLOORS < 0.25W/M2K MIN. TO CONDITIONED FLOOR PLATES
- ROOFS < 0.25W/M2K MIN.

ACCESSORIES / SUNDRIES FOR BRICK / BLOCK / STONE WALLING
WALL TIES TO DO 140P2 TYPE I IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
PRECAST CONCRETE AND PREPARATED STEEL LINTELS TO BS9779/2 - TO STRUCTURAL ENGINEER'S DETAILS

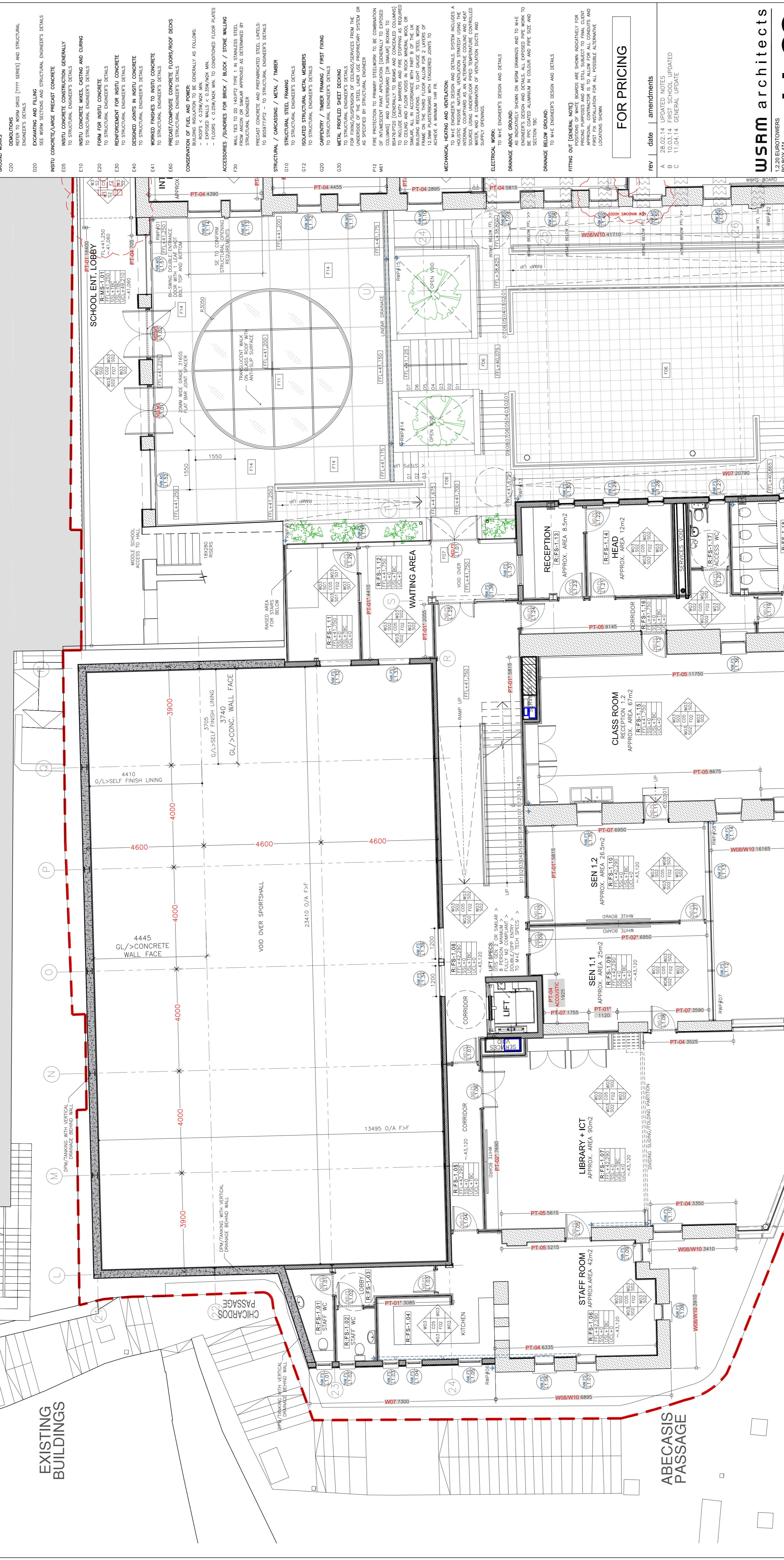
STRUCTURAL / CARCASSING / METAL / TIMBER
G10 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
G12 ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
G20 CARPENTRY / TIMBER FRAMING / FIRST FIXING TO STRUCTURAL ENGINEER'S DETAILS
G30 METAL PROFILED SHEET DECKING TO STRUCTURAL ENGINEER'S DETAILS
FOR FINING/SUPENSION OF CEILING/SERVICES FROM THE CEILING TO STRUCTURAL ENGINEER'S DETAILS OR AS SPECIFIED BY STRUCTURAL ENGINEER

FIRE PROTECTION TO PRIMARY STRUCTURE TO BE CONSIDERED
OF INTUMESCENT PAINT APPLICATION (GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (OR SIMILAR) BOARDING TO BEZELTED (GENERALLY TO BEAMS AND CONSIDERED COLUMNS) TO CEILING AND FLOOR JOINTS IN ROCK MINERAL WOOL OR SIMILAR. ALL IN ACCORDANCE WITH PART 8 OF THE UK BUILDING REGULATIONS. A 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO ACHIEVE A MINIMUM 1HR FI.

MECHANICAL HEATING AND VENTILATION - DETAILS SYSTEM INDICATES A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY SYSTEM. MECHANICAL HEATING AND VENTILATION SHALL BE PROVIDED WHERE NECESSARY AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.

ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS
DRAINAGE ABOVE GROUND:
AS INDICATED ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. ALL EXPOSED PIPE WORK TO BE SECTION 18C.
DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR INFORMATION ONLY. APPROXIMATE POSITIONS OF APPROXIMATE CONTRACTOR TO BE ALLOWED FOR ALL COUNTRYS AND LOCATIONS SHOWN



FOR PRICING

rev | date | amendments
A 28.02.14 UPDATED NOTES
B 10.03.14 FIRST SCHOOL UPDATE
C 11.04.14 GENERAL UPDATE

ST BERNARDS - PROPOSED PLAN LEVEL 1
FIRST SCHOOL PARTIAL LAYOUT 1 OF 4
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568(9-02)-GA-LV-1-150
SCALE 1:75

CLIENT: GOVERNMENT OF GIBALTAR DEPARTMENT OF EDUCATION

PROJECT: ST BERNARDS SCHOOLS

DRAWING TITLE: PROPOSED PLAN LEVEL 1 (FIRST SCHOOL PARTIAL LAYOUT 1 OF 4)

SCALE: 1:75@A1
DATE: 28.11.13
JOB + DRG REF. NO.: G568[5-02]1-PLN-L1-75
REV: C

CONSTRUCTION LEGEND:

- TEMPORARILY [M] COMMON BLOCKWORK NBS F10/430
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- CLERESTORY H/V WINDOW [REF: XXXX]

KEY TO DIMENSIONS [IN M.M.] :

- 1450 → DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 → DENOTES INTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
- FFL+XXX.XXX FINISHED FLOOR LEVEL
- SSL+XXX.XXX STRUCTURAL SLAB LEVEL
- USL+XXX.XXX U/S STRUCTURAL SOFFIT LEVEL
- UCL+XXX.XXX U/S FINISHED FINING LEVEL
- ~XXX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- PT-01 → WALL PARTITION LINING TYPE 1: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM SIMILAR, WITH 50MM 180.0/02 ACUSTIC INSULATION [?]
- PT-02 → WALL PARTITION LINING TYPE 2: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/180GTEC STUD BY LAPFARGE OR SIMILAR, WITH 50MM 180.0/02 ACUSTIC INSULATION [?]
- PT-03 → WALL PARTITION LINING TYPE 3: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD ON 90/180GTEC STUD BY LAPFARGE OR SIMILAR, WITH 50MM 180.0/02 ACUSTIC INSULATION [?]
- PT-04 → WALL LINING TYPE 4: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 30MM GTEC THERMAL BOARD BY LAPFARGE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FINING/BOARD
- PT-05 → WALL LINING TYPE 5: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 12.5MM GTEC THERMAL BOARD BY LAPFARGE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FINING/BOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
M60/112	C02	ACUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600600 DEMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	600600 ACUSTIC GRID CEILING SYSTEM
M20/160	C07	600600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKIRTING FINISHES:

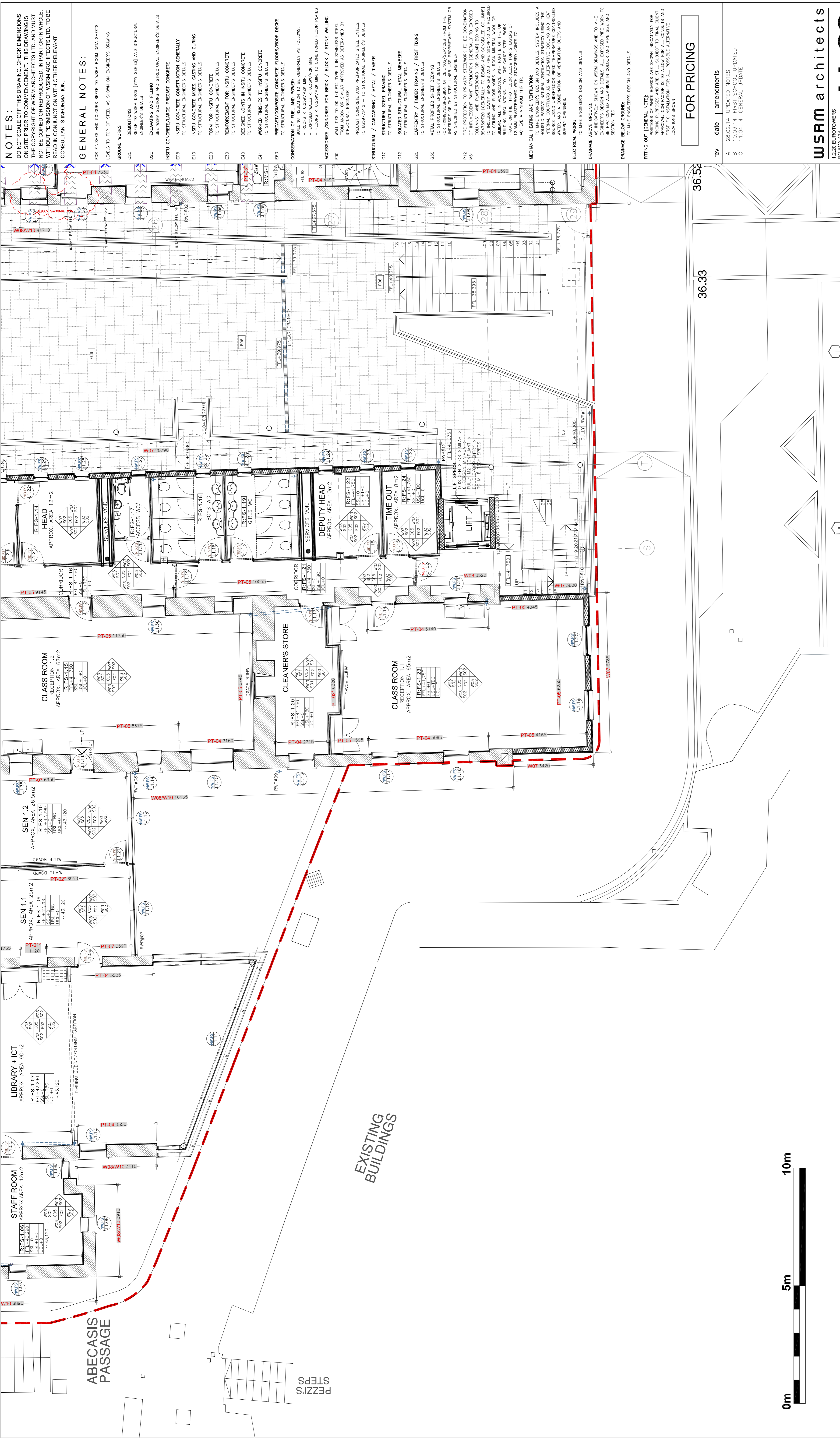
NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P20/120	S02	CEMIC TILING
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

WALL FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/111	W01	PAINTED MASONRY/CONCRETE BLOCKS/WALLS
M60/112	W02	PAINTED RENDER FINISH
M60/100	W03	WASHABLE EMULSION PAINTED P/B LINING
M60/101	W04	MOISTURE RESISTANT PAINTED LINING
XX	W05	MIRROR ON PLYWOOD BACKING
M40/110	W06	FULL HEIGHT CERAMIC WALL TILING
M21/210	W07	ELASTOMERIC S/COLOR RENDER FINISH OVER INSULATION
M20/160	W08	ELASTOMERIC S/COLOR RENDER FINISH OVER EXISTING WALLS
M60/170	W09	SIKA GUARD WATER REPELLANT IMPREGANTION TO STONE WALLS
M12/115	W10	SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
L10/460	W11	SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
M50/150	W12	SELF FINISH ACUSTIC LINING BOARD
M40/111	W13	CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
M40/111	W14	ELASTOMERIC S/COLOR RENDER FINISH OVER GTEC AQUABOARD

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON-SLIP CERAMIC FLOOR TILING
M12/110	F02	SIKA STANDARD COMFORT RESIN FLOOR
M12/111	F03	SIKA NON-SLIP COMFORT RESIN FLOOR
M12/112	F04	SIKA PRO-COMFORT RESIN FLOOR
M12/113	F05	SIKA 284 2 PART EPOXY RESIN
Q24/110	F06	BREINCO LOSA VOLCANO 4005X70MM
N10/200	F07	BARREIR ENTRANCE MATTING
K21/141	F08	4.5MM UPIC TRAPLES(45) SPORTS FLR
M12/115	F09	SIKA PULSATIC POLYURETHANE FLOOR
M12/115	F10	SIKA REGUPOL SHOCKPAD FLOORING
L10/460	F11	WALK ON GLASS/ROOF LIGHTS
M50/150	F12	NON-SLIP VINYL
M40/111	F13	NOM. 100MM DRAINED RUBBER CRUMB
M40/111	F14	HIGH QUALITY POWER FLOATED CONCRETE



NOTES:
DO NOT SCALE OFF THIS DRAWING. CHECK DIMENSIONS ON SITE PRIOR TO COMMENCEMENT. THIS DRAWING IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION WITHOUT PERMISSION OF WSRM ARCHITECTS LTD. TO BE READ IN CONJUNCTION WITH OTHER RELEVANT CONSULTANTS INFORMATION.

GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

GROUND WORKS
C20
REFER TO WSRM DRS (7777 SERIES) AND STRUCTURAL ENGINEER'S DETAILS
E20
EXCAVATING AND FILING
SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
E30
INSITU CONCRETE/LARGE PRECAST CONCRETE
E40
INSITU CONCRETE CONSTRUCTION GENERALLY TO STRUCTURAL ENGINEER'S DETAILS
E50
INSITU CONCRETE WALLS, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
E60
FORM FOR INSITU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E70
REINFORCEMENT FOR INSITU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E80
DESIGNED JOINTS IN INSITU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E90
WORKED FINISHES TO INSITU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E00
PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF FUEL AND POWER:
BUILDING INSULATION TO BE GENERALLY AS FOLLOWS:
- EXPOSED WALLS 150MM/200MM MIN.
- FLOORS < 0.25M/200MM MIN. TO CONDITIONED FLOOR PLATES
- ROOFING 150MM/200MM MIN.
ACCESSORIES /SINKERS FOR BRICK / BLOCK / STONE WALLING TO BE SPECIFIED BY STRUCTURAL ENGINEER
FROM INSIDE OR SIMILAR APPROVED AS DETAILLED BY STRUCTURAL ENGINEER
PRECAST CONCRETE AND PRECAST/PREFABRICATED STEEL UNITS: TO BE SPECIFIED BY STRUCTURAL ENGINEER'S DETAILS
BS9777P2 - TO STRUCTURAL ENGINEER'S DETAILS

STRUCTURAL / CARCASSING / METAL / TIMBER
G10
STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
G12
ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
C20
CARPENTRY / TIMBER FRAMING / FIRST FIXING TO STRUCTURAL ENGINEER'S DETAILS
C30
METAL PROFILED SHEET DECKING TO STRUCTURAL ENGINEER'S DETAILS
FOR FINING/SUSPENSION OF CEILING/SERVICES FROM THE UNDERSIDE OF THE STEEL LINER USE PROPRIETARY SYSTEM OR AS SPECIFIED BY STRUCTURAL ENGINEER
P12
FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF CONCRETE AND PLASTERBOARD (OR SIMILAR) BONDING TO BS476/PT20 (GENERALLY TO BEAMS AND CONCEALED COLUMNS) TO INCLUDE CAVITY BARRIERS AND FIRE STOPPING AS REQUIRED BY THE DESIGNER AND IN ACCORDANCE WITH PART 9 OF THE UK BUILDING REGULATIONS. TO LIGHT GAUGE STEEL WORK TO BE SPECIFIED BY STRUCTURAL ENGINEER'S DETAILS TO ACHIEVE A MINIMUM 1HR FR.

MECHANICAL HEATING AND VENTILATION:
TO M+E ENGINEER'S DESIGN AND DETAILS. SYSTEM INCLUDES A COMBINATION OF MECHANICAL HEATING AND VENTILATION. INTERNAL COUNTERFLOW AS AN ALTERNATIVE COOLING AND HEAT SOURCE USING UNDERFLOOR PIPED TEMPERATURE CONTROLLED WATER AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY GRILLS.

ELECTRICAL WORK TO M+E ENGINEER'S DESIGN AND DETAILS
DRAINAGE AS PER DRAWING:
ENGINEER'S DESIGN AND DETAILS. ALL EXPOSED PIPE WORK TO BE PVC COATED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION 100.
DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS
FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR PRICING PURPOSES AND ARE STILL SUBJECT TO FINAL CLIENT APPROVAL. APPROXIMATE IS TO ALLOW FOR ALL CONDITIONS AND PRICES TO BE QUOTED FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR PRICING

REV	DATE	AMENDMENTS
A	28.02.14	UPDATED NOTES
B	10.03.14	FIRST SCHOOL UPDATE
C	11.04.14	GENERAL UPDATE

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GOVERNMENT OF GIBRALTAR
DEPARTMENT OF EDUCATION

PROJECT
ST BERNARDS SCHOOLS

DRAWING TITLE
PROPOSED PLAN LEVEL 1
(FIRST SCHOOL PARTIAL LAYOUT 2 OF 4)

SCALE
1:75@A1
G568[5-022]P-INS-L1.75

DATE
28.11.13

REV
C

ST BERNARDS - PROPOSED PLAN LEVEL 1
FIRST SCHOOL PARTIAL LAYOUT 2 OF 4
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-022]-GA-LVL-1-150
SCALE 1:75

CONSTRUCTION LEGEND:

- TEMPERATURE [T] NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- CLERESTORY W/ WINDOW [REF: XXXX]

KEY TO DIMENSIONS [I.N. M.M.] :

- 1450 DENOTES CRITICAL DIMENSIONS
- 1450 DENOTES EXTERNAL DIMENSIONS
- 1450 FINISH TO FINISH [2ND FIX]
- FEL+XX.XXX FINISHED FLOOR LEVEL
- SSL+XX.XXX STRUCTURAL SLAB LEVEL
- USL+XX.XXX U/S STRUCTURAL SOFFIT LEVEL
- UCL+XX.XXX U/S FINISHED LINING LEVEL
- ~..XX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- WALL PARTITION LINING TYPE 1:** PARTITIONED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC MEGACOREBOARD ON 90/160GTEC STUD BY LAFARE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [1]
- WALL PARTITION LINING TYPE 2:** PARTITIONED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC MEGACOREBOARD AND 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/160GTEC STUD BY LAFARE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [1]
- WALL PARTITION LINING TYPE 3:** EXTERNALLY CASHEADING BOARD ONLY - MCL PLYWOOD/PLYWOOD ON 90/160GTEC STUD BY LAFARE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [1]
- WALL LINING TYPE 4:** PARTITIONED EDGE TAPED AND JOINTED (READY FOR PAINTING) 20MM PLYWOOD ON 90/160GTEC STUD BY LAFARE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [1]
- WALL LINING TYPE 5:** PARTITIONED EDGE TAPED AND JOINTED (READY FOR PAINTING) 12.5MM GTEC MEGACOREBOARD BY LAFARE OR SIMILAR, ON DAGS WITH MIN. 4 MECHANICAL FINING/BOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/110	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600X600 DEPENDANT GRID CEILING SYSTEM
K40/107	C06	MODULAR ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	600X600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKIRTING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P20/120	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON SLIP CERAMIC FLOOR TILING
M12/110	F02	SIKA STANDARD COMFORT RESIN FLOOR
M12/111	F03	SIKA NON-SLIP COMFORT RESIN FLOOR
M12/112	F04	SIKA PRO-COMFORT RESIN FLOOR
M12/113	F05	SIKA 264 2 PART EPOXY RESIN
G24/110	F06	BRENCO LOSA VOLCANO 4000X70MM
N10/300	F07	BARBER ENTRANCE MATTING
K21/141	F08	4.5MM UPVC TARAFLEX(45) SPORTS FLR
M12/114	F09	SIKA PULASTIC POLYURETHANE FLOOR
M12/115	F10	SIKA REGUPOL SHOCKPAD FLOORING
L10/480	F11	WALK ON GLASS/HIGH PRESSURE SOLID CORE RESIN LAMINATE
M50/150	F12	NON-SLIP VINYL
	F13	NOM. 100MM. DRAINED RUBBER CRUMBS
	F14	HIGH QUALITY POWER FLOATED CONCRETE

WALL FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	W01	PAINTED MASONRY/CONCRETE BLOCKS/WALLS
M60/111	W02	PAINTED CONCRETE
M60/100	W03	WASHABLE EMULSION PAINTED LINING
M60/101	W04	MOISTURE RESISTANT PAINTED LINING
M60/110	W05	FULL HEIGHT CERAMIC WALL TILING
M20/210	W06	ELASTOMERIC S/COLOR RENDER FINISH OVER INSULATION
M20/160	W07	ELASTOMERIC S/COLOR RENDER FINISH OVER EXISTING WALLS
M60/170	W08	SIKA GUARD WATER REPELLANT IMPREGNATION TO STONE WALLS
SPECIALIST	W09	SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
K32/120	W10	SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
K13/160	W11	SELF FINISH ACOUSTIC LINING BOARD
M40/111	W12	CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
M20/160	W13	ELASTOMERIC S/COLOR RENDER FINISH OVER GTEC AQUABOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/110	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600X600 DEPENDANT GRID CEILING SYSTEM
K40/107	C06	MODULAR ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	600X600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

KEY TO WALL LINING CONSTRUCTION :

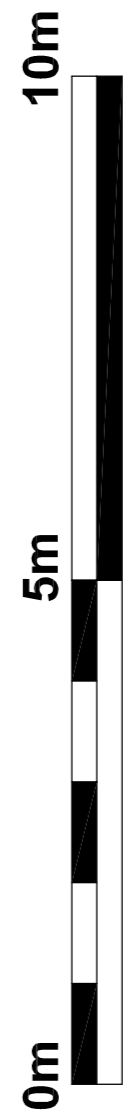
- WALL PARTITION LINING TYPE 1:** PARTITIONED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC MEGACOREBOARD ON 90/160GTEC STUD BY LAFARE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [1]
- WALL PARTITION LINING TYPE 2:** PARTITIONED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC MEGACOREBOARD AND 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/160GTEC STUD BY LAFARE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [1]
- WALL PARTITION LINING TYPE 3:** EXTERNALLY CASHEADING BOARD ONLY - MCL PLYWOOD/PLYWOOD ON 90/160GTEC STUD BY LAFARE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [1]
- WALL LINING TYPE 4:** PARTITIONED EDGE TAPED AND JOINTED (READY FOR PAINTING) 20MM PLYWOOD ON 90/160GTEC STUD BY LAFARE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION [1]
- WALL LINING TYPE 5:** PARTITIONED EDGE TAPED AND JOINTED (READY FOR PAINTING) 12.5MM GTEC MEGACOREBOARD BY LAFARE OR SIMILAR, ON DAGS WITH MIN. 4 MECHANICAL FINING/BOARD

CONSTRUCTION LEGEND:

- TEMPERATURE [T] NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- CLERESTORY W/ WINDOW [REF: XXXX]

KEY TO DIMENSIONS [I.N. M.M.] :

- 1450 DENOTES CRITICAL DIMENSIONS
- 1450 DENOTES EXTERNAL DIMENSIONS
- 1450 FINISH TO FINISH [2ND FIX]
- FEL+XX.XXX FINISHED FLOOR LEVEL
- SSL+XX.XXX STRUCTURAL SLAB LEVEL
- USL+XX.XXX U/S STRUCTURAL SOFFIT LEVEL
- UCL+XX.XXX U/S FINISHED LINING LEVEL
- ~..XX.XXX EXISTING FLOOR LEVELS [APPROX.]



NOTES:
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GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

GROUND WORKS
D20 DEMOLITIONS REFER TO WSRM BRMS [7777 SERIES] AND STRUCTURAL ENGINEER'S DETAILS
D20 EXCAVATING AND FILLING SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
E05 INSTU CONCRETE/LARGE PRECAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E10 INSTU CONCRETE MAKES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E40 DESIGNED JOINTS IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF FUEL AND POWER:
- ROOFS < 0.25M/A2K MIN. GENERALLY AS FOLLOWS:
- FLOORS < 0.25M/A2K MIN. TO CONDITIONED FLOOR PLATES
- ROOFS < 0.25M/A2K MIN. TO UNCONDITIONED FLOOR PLATES

ACCESSORIES /SINDBERS FOR BRICK / BLOCK / STONE WALLING
F30 WALL TIES TO DD 140P22 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
PRECAST CONCRETE AND PREPARATED STEEL LINTELS TO BS9777/2 - TO STRUCTURAL ENGINEER'S DETAILS

STRUCTURAL / CARCASSING / METAL / TIMBER
G10 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
G12 ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
G20 CARPENTRY / TIMBER FRAMING / FIRST FIXING TO STRUCTURAL ENGINEER'S DETAILS
G30 METAL PROFILED SHEET DECKING TO STRUCTURAL ENGINEER'S DETAILS
FOR FINISH/SUPPLY OF CEILING/SERVICES FROM THE INTERIOR TO BE PROVIDED BY THE CONTRACTOR AS SPECIFIED BY STRUCTURAL ENGINEER
FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTUMESCENT PAINT APPLICATION (GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (OR SIMILAR) BONDING TO EXISTING CONCRETE OR BRICKWORK. TO INCLUDE COUNTY BARRIERS AND FIRE STOPPING AS REQUIRED TO CEILING AND FLOOR JOINTS IN ROCK, MINERAL WOOL OR SIMILAR, ALL IN ACCORDANCE WITH PART 8 OF THE UK BUILDING REGULATIONS. TO PROVIDE A MINIMUM OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO ACHIEVE A MINIMUM 1HR FR.

MECHANICAL HEATING AND VENTILATION: THIS SYSTEM PROVIDES A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY SYSTEM. TO BE PROVIDED BY THE CONTRACTOR. TO INCLUDE MECHANICAL WATER AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.
ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS
DRAINAGE ABOVE GROUND:
AS INDICATED IN WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. TO BE PROVIDED BY THE CONTRACTOR. TO INCLUDE MECHANICAL WATER AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.
DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR INFORMATION ONLY. TO BE PROVIDED BY THE CONTRACTOR. TO INCLUDE MECHANICAL WATER AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.
FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR CONSTRUCTION

REV	DATE	amendments
A	31.01.14	ISSUED FOR CONSTRUCTION
B	28.02.14	UPDATED NOTES
C	10.03.14	DRAINAGE INDICATED
D	11.04.14	GENERAL UPDATE

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GOVERNMENT OF GIBRALTAR
DEPARTMENT OF EDUCATION

PROJECT
ST BERNARDS SCHOOLS

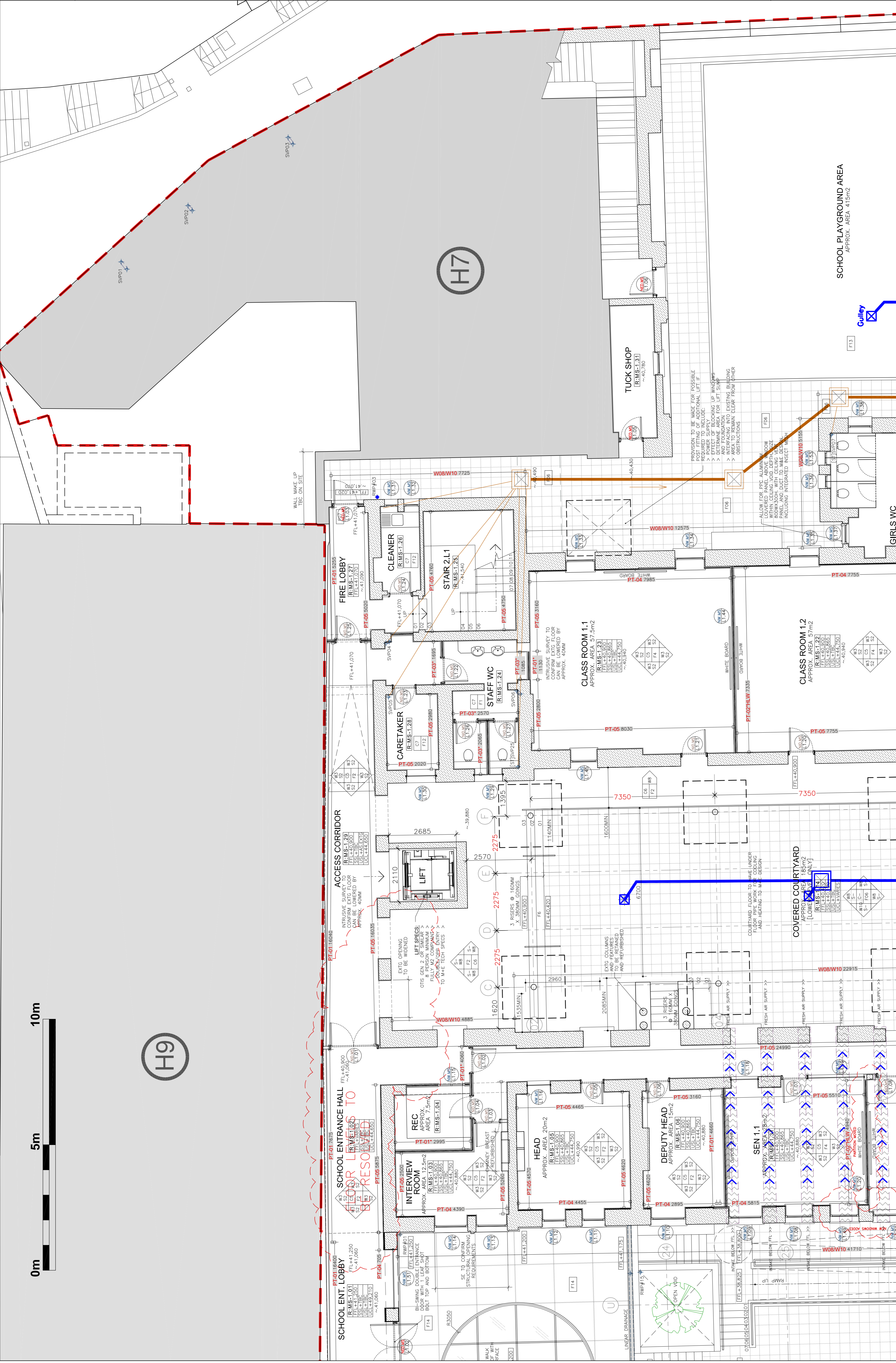
DRAWING TITLE
PROPOSED PLAN LEVEL 1
(MIDDLE SCHOOL PARTIAL LAYOUT 3 OF 4)

SCALE
1:75@A1

JOB + DRG REF. NO.
G568[5-023]P-MS-L1-75

DATE
28.11.13

REV
D



ST BERNARDS - PROPOSED PLAN LEVEL 1
MIDDLE SCHOOL PARTIAL LAYOUT 3 OF 4
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-023]-CR-LVL-1-150
SCALE 1:75

CONSTRUCTION LEGEND:

- TERMOBRICLA [TM] NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- CERESTORY H/V WINDOW [REF: XXXX]

KEY TO DIMENSIONS [IN M.M.]:

- 1450 → DENOTES CRITICAL DIMENSIONS
- 1450 → DENOTES EXTERNAL DIMENSIONS TO STRUCTURE [OF FINISHES FINISH TO FINISH (2ND FIX)]
- 1450 → FINISHED FLOOR LEVEL
- SSL+XXX.XXX STRUCTURAL SUB LEVEL
- U/L+XXX.XXX U/S STRUCTURAL SOFFIT LEVEL
- UCL+XXX.XXX U/S FINISHED LINING LEVEL
- ~.XXX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION:

- WALL PARTITIONING TYPE 1:** WALL PARTITIONING TYPE 1 (READY FOR PAINTING). 15MM GYPSUM BOARD ON 90/1600MM GYPSUM STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/A2 ACUSTIC INSULATION [*]
- WALL PARTITIONING TYPE 2:** FEATHERED EDGE EDGE TAPED AND JOINTED (READY FOR PAINTING). PLYWOOD LINING ON 90/1600MM GYPSUM STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/A2 ACUSTIC INSULATION [*]
- WALL PARTITIONING TYPE 3:** EXTERNALLY CLADDING BOARD ONLY - NO PLYWOOD. FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING). 19KG/A2 ACUSTIC INSULATION [*] PLYWOOD ON 90/1600MM GYPSUM STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/A2 ACUSTIC INSULATION [*]
- WALL LINING TYPE 4:** FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING). 30MM GYPSUM BOARD ON 90/1600MM GYPSUM STUD BY LAFARGE OR SIMILAR, WITH MIN. MECHANICAL FRAMING/BOARD
- WALL LINING TYPE 5:** FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING). 12.5MM GYPSUM BOARD ON 90/1600MM GYPSUM STUD BY LAFARGE OR SIMILAR, ON DABS WITH MIN. MECHANICAL FRAMING/BOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/110	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600X600 REMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	MODULAR ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	600X600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKirting FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P20/120	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON-SUP CERAMIC FLOOR TILING
M12/110	F02	SIKA STANDARD COMFORT RESIN FLOOR
M12/111	F03	SIKA NON-SUP COMFORT RESIN FLOOR
M12/112	F04	SIKA PRO-COMFORT RESIN FLOOR
M12/113	F05	SIKA 264 2 PART EPOXY RESIN
G24/110	F06	BRENCO LOSA VOLCANO 400SX70MM
N10/200	F07	BARBERE ENTRANCE MATTING
K21/141	F08	4.5MM UPVC TARAFLEX[45] SPORTS FLR
M12/114	F09	SIKA PULSAR POLYURETHANE FLOOR
M12/115	F10	SIKA REGUPOL SHOCKPAD FLOORING
L10/460	F11	WALK ON GLASS/ROOF LIGHTS
M50/150	F12	NON-SUP VINYL
	F13	NOM. 100MM DRAINED RUBBER CRUMB
	F14	HIGH QUALITY POWER FLOATED CONCRETE

NOTES:
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GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

GROUND WORKS
C20 DEMOLITIONS REFER TO WSRM DRGS [7777 SERIES] AND STRUCTURAL ENGINEER'S DETAILS
D20 EXCAVATING AND FILLING SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
E05 INSTU CONCRETE/LARGE PRECAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E10 INSTU CONCRETE MAKES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E40 REINFORCED WORK IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF FUEL AND POWER:
- GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.25M/A2K MIN.
- FLOORS < 0.25M/A2K MIN. TO CONDITIONED FLOOR PLATES

ACCESSORIES / SUNDRIES FOR BRICK / BLOCK / STONE WALLING
F30 WALL TIES TO DO 140P2 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
PRECAST CONCRETE AND PREPARATED STEEL LIMITS: TO BS977P2 - TO STRUCTURAL ENGINEER'S DETAILS

STRUCTURAL / CARCASSING / METAL / TIMBER
G10 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
G12 ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
G20 CARPENTRY / TIMBER FRAMING / FIRST FLOOR TO STRUCTURAL ENGINEER'S DETAILS
G30 METAL PROFILED SHEET ROOFING TO STRUCTURAL ENGINEER'S DETAILS

FOR FINING/SUSPENSION OF CEILING/SERVICES FROM THE EXISTING STRUCTURE:
M10 REFER TO WSRM DRGS [7777 SERIES] AND STRUCTURAL ENGINEER'S DETAILS
M11 FREE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTIMESIST PAINT APPLICATION (GENERALLY TO EXPOSED BEAMS/P22) (GENERALLY TO BEAMS AND CONCEALED COLUMNS) AND PLASTERBOARD (OR SIMILAR) BOILING TO CEILING AND FLOOR JOISTS IN ROCK MINERAL WOOL OR SIMILAR. ALL IN ACCORDANCE WITH PART 8 OF THE UK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO ACHIEVE A MINIMUM 100 TR.

MECHANICAL HEATING AND VENTILATION:
M20 REFER TO WSRM DRGS [7777 SERIES] AND M/E ENGINEER'S DETAILS. SYSTEMS ADVISORY A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY SYSTEM. MECHANICAL HEATING AND VENTILATION CONTROLLED WORKS AND COORDINATION OF VENTILATION DEVICES AND SUPPLY OPENINGS.

ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS

DRAINAGE ABOVE GROUND:
AS INDICATIVELY SHOWN ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. ALL EXPOSED PIPE WORK TO SECTION TBC

DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR PLANNING PURPOSES AND ARE STILL SUBJECT TO FINAL CLIENT APPROVAL. ALL FITTING OUT WORK TO BE COMPLETED AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN.

FOR CONSTRUCTION

REV	DATE	AMENDMENTS
A	31.01.2014	ISSUED FOR CONSTRUCTION
B	28.02.14	UPDATED NOTES
C	10.03.14	DRAINAGE INDICATED
D	11.04.14	GENERAL UPDATE

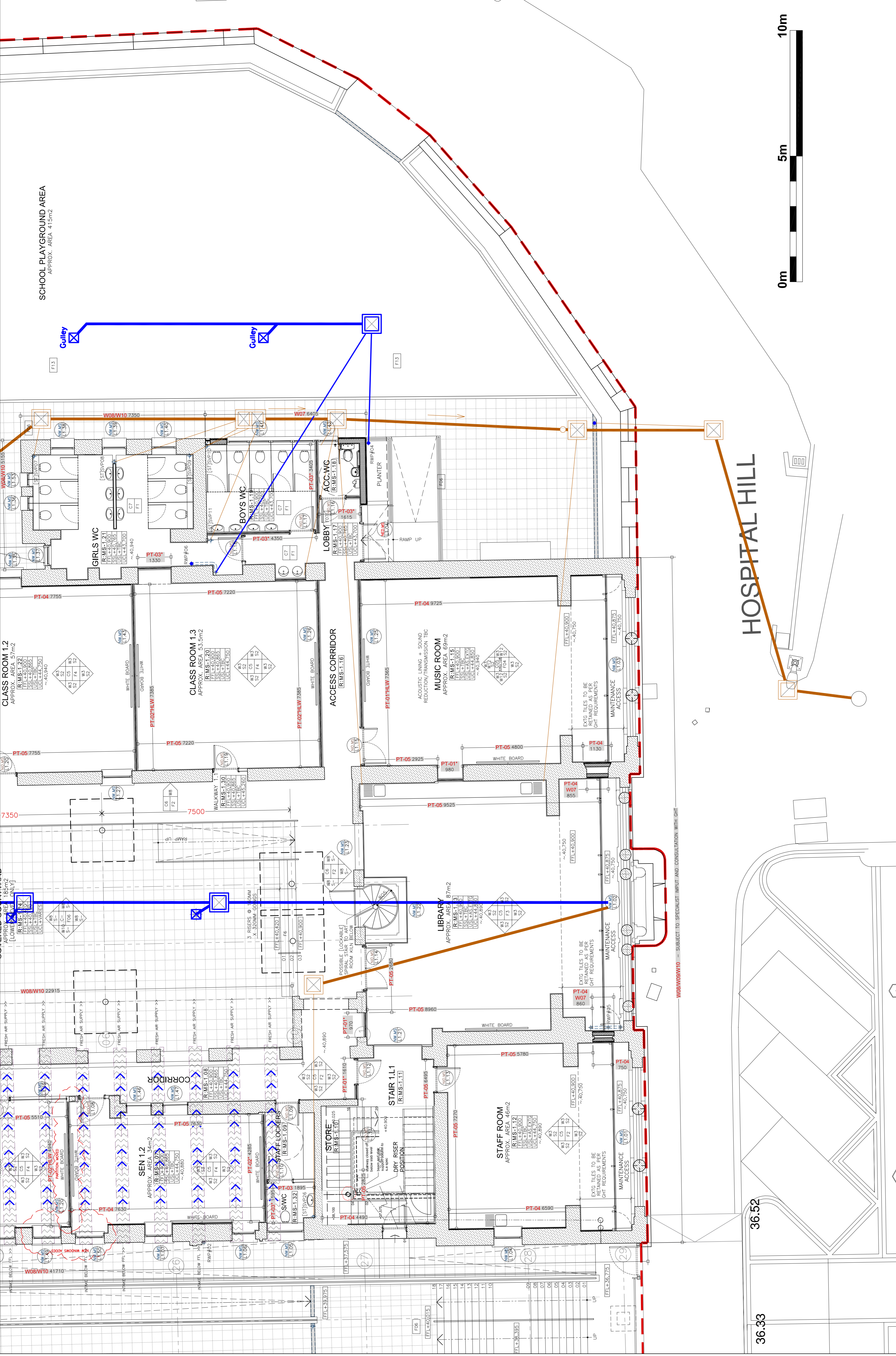
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GOVERNMENT OF GIBRALTAR
DEPARTMENT OF EDUCATION

PROJECT: ST BERNARDS SCHOOLS

DRAWING TITLE: PROPOSED PLAN LEVEL 1 (MIDDLE SCHOOL PARTIAL LAYOUT 4 OF 4)

SCALE: 1:75 @ A1
JOB + DRG REF. No.: G568[5-024]-PINS-L175
DATE: 28.11.13
REV: D



ST BERNARDS - PROPOSED PLAN LEVEL 1
MIDDLE SCHOOL PARTIAL LAYOUT 4 OF 4
FOR GENERAL LOCATION REFER TO : WSRM DRG NO. G568[5-024]-CA-LVL-1-150
SCALE: 1:75

CONSTRUCTION LEGEND:

- TERMARCOLLA (TM) NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- CLEARSTOREY H/V WINDOW (REF: XXXX)

KEY TO DIMENSIONS [IN M M] :

- 1450 DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 DENOTES INTERNAL DIMENSIONS FINISH TO FLOOR LEVEL
- FFL+XX.XXX FINISHED FLOOR LEVEL
- SSL+XX.XXX STRUCTURAL SLAB LEVEL
- U/S STRUCTURAL SOFFIT LEVEL
- UCL+XX.XXX U/S FINISHED LINING LEVEL
- ~XX.XXX EXISTING FLOOR LEVELS (APPROX)

KEY TO WALL LINING CONSTRUCTION :

- WALL PARTITION LINING TYPE 1: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM STIC GIBBON BOARD OVER 600MM GTEC STUD BY LAFARGE OR SIMILAR ON 90°/180° GTEC STUD BY LAFARGE OR SIMILAR. [1]
- WALL PARTITION LINING TYPE 2: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM STIC GIBBON BOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90°/180° GTEC STUD BY LAFARGE OR SIMILAR, WITH 50MM 196/92 ACOUSTIC INSULATION [1]
- WALL PARTITION LINING TYPE 3: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM STIC GIBBON BOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90°/180° GTEC STUD BY LAFARGE OR SIMILAR, WITH 50MM 196/92 ACOUSTIC INSULATION [1]
- WALL LINING TYPE 4: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC THERMAL BOARD BY LAFARGE OR SIMILAR, ON GABS WITH MIN. 4 MECHANICAL FIXINGS/BOARD
- WALL LINING TYPE 5: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 12.5MM GTEC THERMAL BOARD BY LAFARGE OR SIMILAR, ON GABS WITH MIN. 4 MECHANICAL FIXINGS/BOARD

KEY TO WALL LINING CONSTRUCTION (CONT.):

- PT-F04: SELF FINISH/PAINTED CONCRETE SOFFIT NBS K10/100
- PT-F05: ACOUSTIC PAINTED PLASTERBOARD LINING NBS K10/105
- PT-F06: STANDARD EMULSION PAINTED P/B LINING NBS K10/106
- PT-F07: MOISTURE RESISTANT PAINTED P/B LINING NBS K10/108
- PT-F08: 600x600 DEMOUNTABLE GRID CEILING SYSTEM K40/105/108
- PT-F09: MODULAR ACOUSTIC GRID CEILING SYSTEM K40/107
- PT-F10: 600x600 MOISTURE RESIST GRID CEILING SYSTEM K40/106
- PT-F11: RENDERED EXTERNAL SOFFIT GLAZING BOARD M20/160

CEILING FINISHES:

- NBS REF: DRG REF: DESCRIPTION OF FINISHES:
- M60/110 C01 SELF FINISH/PAINTED CONCRETE SOFFIT
- K10/112 C02 ACOUSTIC PAINTED PLASTERBOARD LINING
- K10/105 C03 STANDARD EMULSION PAINTED P/B LINING
- K10/106 C04 MOISTURE RESISTANT PAINTED P/B LINING
- K40/105/108 C05 600x600 DEMOUNTABLE GRID CEILING SYSTEM
- K40/107 C06 MODULAR ACOUSTIC GRID CEILING SYSTEM
- K40/106 C07 600x600 MOISTURE RESIST GRID CEILING SYSTEM
- M20/160 C08 RENDERED EXTERNAL SOFFIT GLAZING BOARD

SKIRTING FINISHES:

- NBS REF: DRG REF: DESCRIPTION OF FINISHES:
- P20/120 S01 SURFACE MOUNTED PAINTED MDF BOARD
- M40/111 S02 CERAMIC TILE
- M50/150 S04 COVERED VINYL SKIRTING

FLOOR FINISHES:

- NBS REF: DRG REF: DESCRIPTION OF FINISHES:
- M40/110 F01 NON-SLIP CERAMIC FLOOR TILING
- M12/110 F02 SIKKA STANDARD COMFORT RESIN FLOOR
- M12/111 F03 SIKKA NON-SLIP COMFORT RESIN FLOOR
- M12/112 F04 SIKKA PRO-COMFORT RESIN FLOOR
- M12/113 F05 SIKKA 264 2 PART EPOXY RESIN
- G24/110 F06 BRENCO LOSA VOLCANO 400X70MM
- N10/200 F07 BARRIER ENTRANCE MATTING
- K21/141 F08 4.5MM UPVC (IMAPLEX45) SPORTS FUR
- M12/114 F09 SIKKA PULSATIC POLYURETHANE FLOOR
- M12/115 F10 SIKKA REGUPOL SHOCKPAD FLOORING
- L10/460 F11 WALK ON GLASS/ROOF LIGHTS
- M60/150 F12 NON-SLIP VINYL
- M40/111 F13 NON-SLIP 100MM DRAINED RUBBER GRUB
- F14 HIGH QUALITY POWER FLOATED CONCRETE

NOTES:
DO NOT SCALE OFF THIS DRAWING. CHECK DIMENSIONS ON SITE PRIOR TO COMMENCEMENT. THIS DRAWING IS FOR INFORMATION ONLY AND IS NOT TO BE USED WITHOUT PERMISSION OF WSRM ARCHITECTS LTD. TO BE READ IN CONJUNCTION WITH OTHER RELEVANT CONSULTANT'S INFORMATION.

GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

GROUND WORKS
C20 DEMOLITIONS
REFER TO WSRM DRGS (7??7 SERIES) AND STRUCTURAL ENGINEER'S DETAILS
D20 EXCAVATING AND FILLING
SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
E05 INSTU CONCRETE/LARGE PRECAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E10 INSTU CONCRETE MAKES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E40 DESIGNED JOINTS IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF FUEL AND POWER
GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.35W/M2K MIN.
- FLOORS < 0.25W/M2K MIN. TO CONDITIONED FLOOR PLATES
ACCESSORIES / SUNDRIES FOR BRICK / BLOCK / STONE WALLING
WALL TIES TO DD 140P2 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
PRECAST CONCRETE AND PREPARATED STEEL LINTELS TO BS5777P2 - TO STRUCTURAL ENGINEER'S DETAILS

STRUCTURAL / CARCASSING / METAL / TIMBER
G10 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
G12 ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
G20 CARPENTRY / TIMBER FRAMING / FIRST FIXING TO STRUCTURAL ENGINEER'S DETAILS
G30 METAL PROFILED SHEET DECKING TO STRUCTURAL ENGINEER'S DETAILS
FOR FINING/SUSPENSION OF CEILING/SERVICES FROM THE EXISTING STRUCTURE REFER TO WSRM DRAWING SYSTEM OR AS SPECIFIED BY STRUCTURAL ENGINEER
P12 FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTUMESCENT PAINT APPLICATION (GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (FOR SIMILAR) BOWING TO INCLUDE CAVITY BARRIERS AND FIRE STOPPING AS REQUIRED TO CEILING AND FLOOR Voids IN BLOCK MINERAL WOOL OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO FINISH TO M4 MINIMUM FIRE RT.

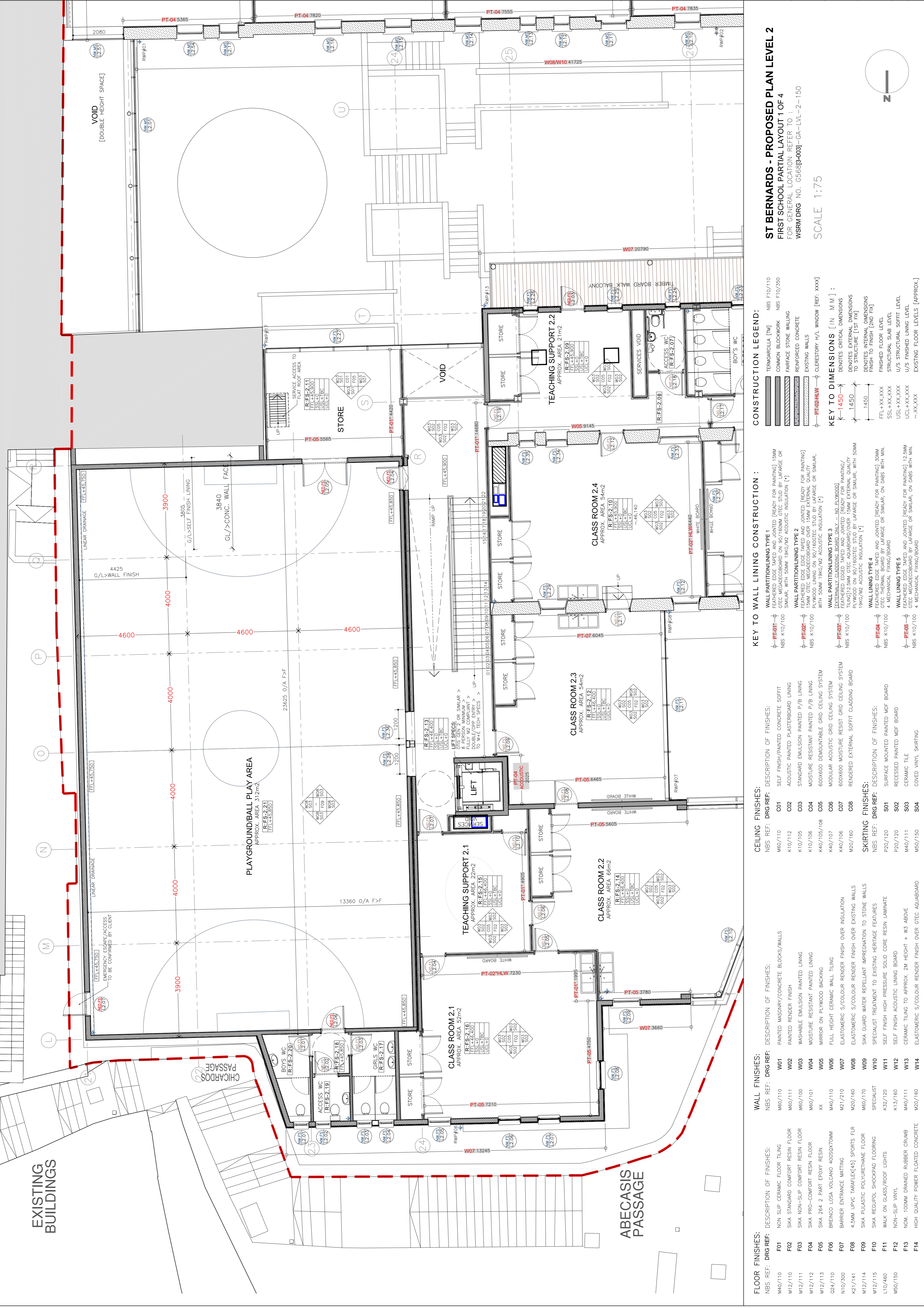
MECHANICAL HEATING AND VENTILATION
HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY SYSTEM. MECHANICAL HEATING AND VENTILATION SHALL BE PROVIDED WATER AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.
ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS
DRAINAGE ABOVE GROUND:
AS INDICATEDLY SHOWN ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS
BE PIPED COATED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION TO BE
DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR APPROVAL ONLY. APPROVED CONTRACTOR TO ALLOW FOR ALL CONDUITS AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR CONSTRUCTION
rev | date | amendments
A 28.02.14 UPDATED NOTES
B 10.03.14 FIRST SCHOOL UPDATE
C 11.04.14 GENERAL UPDATE

CLIENT: GOVERNMENT OF GIBALTAR DEPARTMENT OF EDUCATION
PROJECT: ST BERNARDS SCHOOLS
DRAWING TITLE: PROPOSED PLAN LEVEL 2 (FIRST SCHOOL PARTIAL LAYOUT 1 OF 4)
SCALE: 1:75
DATE: 28.11.13
JOB + DRG REF. NO.: G568[5-03] PLS-L2-75
REV: C

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KEY TO WALL LINING CONSTRUCTION:
WALL PARTITIONING TYPE 1: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTC MEGACORBOARD ON 90/100MM GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION [*]
WALL PARTITIONING TYPE 2: 15MM GTC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION [*]
WALL PARTITIONING TYPE 3: EXTERNALLY CLADDING BOARD ONLY (NO EXTERIOR TILING) 12.5MM GTC AQUABARD/OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION [*]
WALL LINING TYPE 4: GTC BOARD (NO JOINTED) [READY FOR PAINTING] 30MM GTC AQUABARD/OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GTC STUD BY LAFARGE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FRINGE/BOARD
WALL LINING TYPE 5: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 12.5MM GTC MEGACORBOARD BY LAFARGE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FRINGE/BOARD

KEY TO DIMENSIONS [IN M.M.]:
- 1450 - DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
1450 - DENOTES INTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
FFL+XX.XXX - FINISHED FLOOR LEVEL
SSL+XX.XXX - STRUCTURAL SLAB LEVEL
UCL+XX.XXX - U/S FINISHED SOFFIT LEVEL
~.XX.XXX - EXISTING FLOOR LEVELS [APPROX.]

CONSTRUCTION LEGEND:
TEMPERELLA (TM) - COMMON BLOCKWORK
FAIRFACE STONE WALLING
REINFORCED CONCRETE
PT-02-HLW - CLOSETRY H/V WINDOW [REF: XXXX]

CEILING FINISHES:
M60/110 - SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112 - ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105 - STANDARD EMULSION PAINTED P/B LINING
K10/106 - MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108 - 600600 DEMOUNTABLE GRID CEILING SYSTEM
K40/107 - 600600 ACOUSTIC GRID CEILING SYSTEM
M20/160 - 600600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160 - RENDERED EXTERNAL SOFFIT CLADDING BOARD

FLOOR FINISHES:
F01 - NON SLIP CERAMIC FLOOR TILING
F02 - SKA STANDARD COMFORT RESIN FLOOR
F03 - SKA NON-SLIP COMFORT RESIN FLOOR
F04 - SKA PRO-COMFORT RESIN FLOOR
F05 - SKA 264 2 PART EPOXY RESIN
F06 - BREINCO LOSA VOLCANO 4055X70MM
F07 - BARBER ENTRANCE MATTING
F08 - 4.5MM UPVC PARALEX[45] SPORTS FLR
F09 - SKA PULASTIC POLYURETHANE FLOOR
F10 - SKA REGUPOL SHOCKPAD FLOORING
F11 - WALK ON GLASS/ROOF LIGHTS
F12 - NOM. 100MM DRAINED RUBBER CRUMB
F13 - HIGH QUALITY POWERS FLOATED CONCRETE

WALL FINISHES:
W01 - PAINTED MASONRY/CONCRETE BLOCKS/WALLS
W02 - PAINTED RENDER FINISH
W03 - WASHABLE EMULSION PAINTED LINING
W04 - MOISTURE RESISTANT PAINTED LINING
W05 - MIRROR ON PLYWOOD BACKING
W06 - FULL HEIGHT CERAMIC WALL TILING
W07 - ELASTOMERIC S/COLOUR RENDER FINISH OVER INSULATION
W08 - ELASTOMERIC S/COLOUR RENDER FINISH OVER EXISTING WALLS
W09 - SKA GUARD WATER REPELLANT IMPREGNATION TO STONE WALLS
SPECIALIST
W10 - SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
K32/120 - SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
K13/160 - SELF FINISH ACOUSTIC LINING BOARD
M40/111 - CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
M20/160 - ELASTOMERIC S/COLOUR RENDER FINISH OVER GTC AQUABARD

SKIRTING FINISHES:
S01 - SURFACE MOUNTED PAINTED MDF BOARD
S02 - RECESSED PAINTED MDF BOARD
S03 - CERAMIC TILE
S04 - COVED VINYL SKIRTING

NOTES:
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- GENERAL NOTES:**
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING
- GROUND WORKS**
- C20 DEMOLITIONS AND EXISTING AREAS (7777 SERIES) AND STRUCTURAL ENGINEER'S DETAILS
 - C20 EXCAVATIONS AND FILLS SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
 - E03 INSTU CONCRETE/LARGE PREDCAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E03 INSTU CONCRETE CONSTRUCTION GENERALLY TO STRUCTURAL ENGINEER'S DETAILS
 - E10 INSTU CONCRETE MIXES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
 - E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E40 DESIGNED JOINTS IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E60 PREDCAST/COMPOSITE CONCRETE FLOORS/ROOF BEAMS TO STRUCTURAL ENGINEER'S DETAILS
- CONSERVATION OF FUEL AND POWER:**
BUILDING INSULATION TO BE GENERALLY AS FOLLOWS:
- ROOFS < 0.25W/M2K MIN.
- WALLS < 0.25W/M2K MIN.
- FLOORS < 0.25W/M2K MIN TO CONDITIONED FLOOR PLATES
- ACCESSORIES / S/MARKES FOR BRICK / BLOCK / STONE WALLING**
- F30 WALL TIES TO DO 140P22 TYPE 1 IN STAINLESS STEEL. ALL S/MARKES TO BE APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
 - PREDCAST CONCRETE AND PREFABRICATED STEEL LINTELS TO 655977772 - TO STRUCTURAL ENGINEER'S DETAILS
- STRUCTURAL / CARCASSING / METAL / TIMBER**
- G10 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
 - G12 ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
 - G20 CARPENTRY / TIMBER FRAMING / FIRST FRING TO STRUCTURAL ENGINEER'S DETAILS
 - G30 METAL PROFILED SHEET DECKING TO STRUCTURAL ENGINEER'S DETAILS
- P12**
TO STRUCTURAL ENGINEER'S DETAILS FOR THE UNDERSIDE OF THE STEEL LINER USE PROPRIETARY SYSTEM AS SPECIFIED BY STRUCTURAL ENGINEER
- M61**
FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTENSIFIED PAINT APPLICATION (GENERALLY TO EXPOSED SURFACES OF BEAMS AND COLUMNS) AND CONCRETE COLUMNS TO INCLUDE CAVITY BARRIERS AND FIRE STOPPING AS REQUIRE BY BS476/P220 (GENERALLY TO BEAMS AND CONCRETE COLUMNS). ALL CONCRETE JOINTS AND JOINTS WITHIN WORK OF THE BUILDING REGULATIONS. TO LIGHT GAUGE STEEL WORK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM GRC MEASARBOARD OVER 15MM EXTERNAL QUALITY POLYWOOD LINING ON 90/180GTC STUD BY LAPARGE OR SIMILAR. TO ACHIEVE A MINIMUM FRB RATED AS PER THE DESIGNER'S REQUIREMENTS.
- MECHANICAL HEATING AND VENTILATION:**
TO M+E ENGINEER'S DESIGN AND DETAILS. SYSTEM INCLUDES HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE BUILDING ENVELOPE TO PROVIDE NATURAL VENTILATION. ALL SUPPLY AIR SOURCE USING UNDERFLOOR PIPED TEMPERATURE CONTROLLED WATER, AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.
- ELECTRICAL WORK:**
TO M+E ENGINEER'S DESIGN AND DETAILS
- DRAINAGE ABOVE GROUND:**
TO M+E ENGINEER'S DESIGN AND DETAILS. ALL EXPOSED PIPE WORK TO BE PPC COATED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION TBC
- DRAINAGE BELOW GROUND:**
TO M+E ENGINEER'S DESIGN AND DETAILS
- FITTING OUT (GENERAL NOTE)**
FITTING OUT WORK IS SHOWN INDICATIVELY FOR INFORMATION PURPOSES AND ARE STILL SUBJECT TO FINAL CLIENT APPROVAL. CONTRACTOR IS TO ALLOW FOR ALL CONDUITS AND CABLES TO BE INSTALLED IN CONJUNCTION WITH ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN.

REV	DATE	DESCRIPTION
A	28.02.14	UPDATED NOTES
B	10.03.14	FIRST SCHOOL UPDATE
C	11.04.14	GENERAL UPDATE

FOR CONSTRUCTION

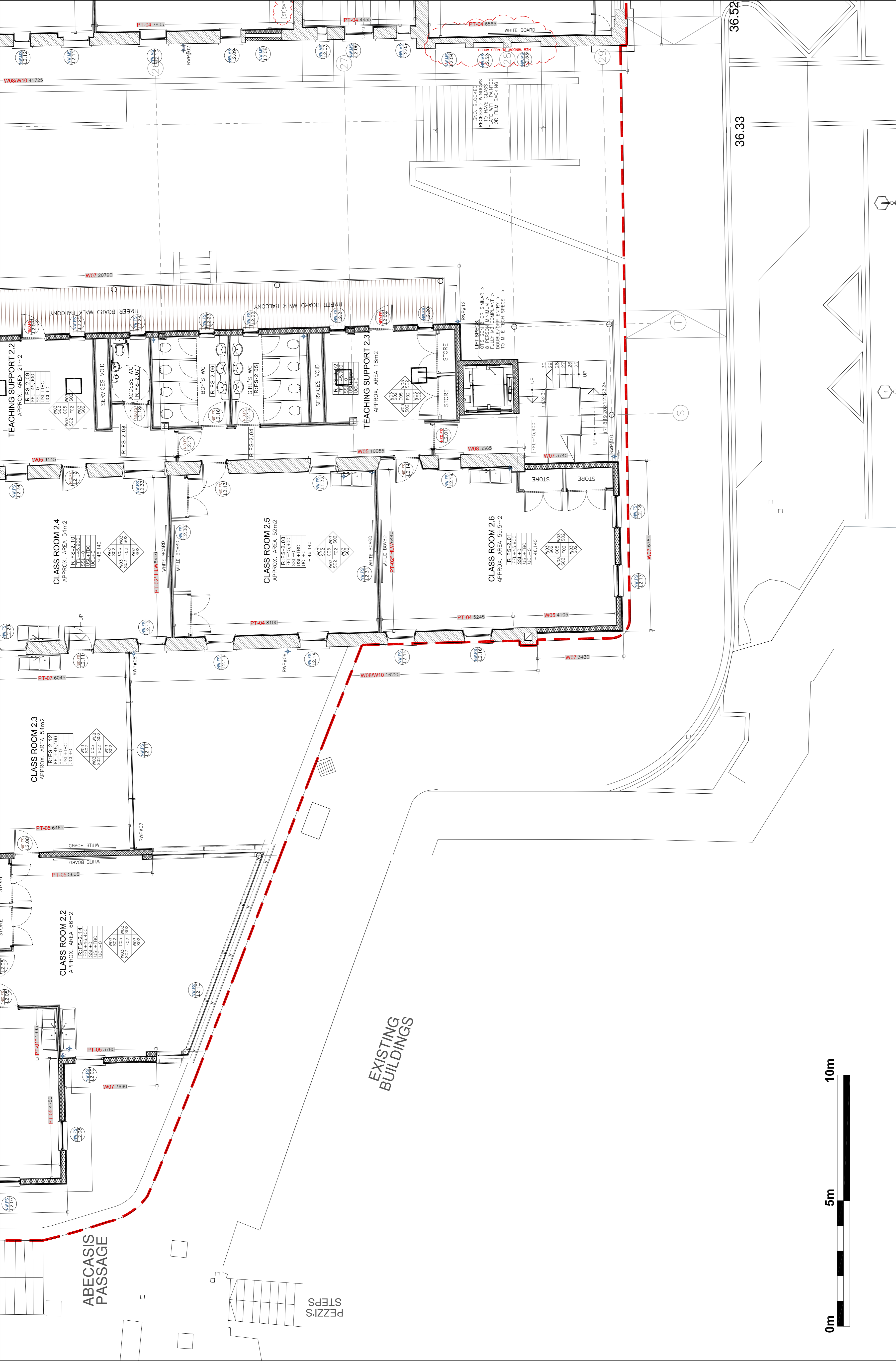
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**GOVERNMENT OF GIBRALTAR
DEPARTMENT OF EDUCATION**

PROJECT
ST BERNARDS SCHOOLS

DRAWING TITLE
PROPOSED PLAN LEVEL 2
(FIRST SCHOOL PARTIAL LAYOUT 2 OF 4)

SCALE	JOB + DRG REF. NO.	REV
1:75@A1	G568[5-032]	C
28.11.13		



ST BERNARDS - PROPOSED PLAN LEVEL 2
FIRST SCHOOL PARTIAL LAYOUT 2 OF 4
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-032]-GA-LVL-2-150
SCALE 1:75

CONSTRUCTION LEGEND:

- TERAZOGALLA [TM] NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- EXISTING WALLS
- CELESTERY H/A WINDOW [REF: XXXX]

KEY TO DIMENSIONS [IN M.M.] :

- 1450 → DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FX]
- 1450 → DENOTES INTERNAL DIMENSIONS FINISH TO FINISH [2ND FX]
- FFL+XXX.XXX FINISHED FLOOR LEVEL
- SSL+XX.XXX STRUCTURAL SLAB LEVEL
- UCL+XX.XXX U/S STRUCTURAL SOFFIT LEVEL
- UCL-XX.XXX U/S FINISHED LEVEL
- ~XX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- WALL PARTITION LINING TYPE 1**
PT-01 → FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTC MEASARBOARD ON 90/180MM GTC STUD BY LAPARGE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION []
- WALL PARTITION LINING TYPE 2**
PT-02 → FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTC MEASARBOARD OVER 15MM EXTERNAL QUALITY POLYWOOD LINING ON 90/180GTC STUD BY LAPARGE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION []
- WALL PARTITION LINING TYPE 3**
PT-03 → EXTERNALLY CLADDING BOARD ONLY - NO POLYWOOD LINING ON 90/180GTC STUD BY LAPARGE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION []
- WALL LINING TYPE 4**
PT-04 → FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 30MM GTC MEASARBOARD OVER 15MM EXTERNAL QUALITY POLYWOOD LINING ON 90/180GTC STUD BY LAPARGE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION []
- WALL LINING TYPE 5**
PT-05 → FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 12.5MM GTC MEASARBOARD BY LAPARGE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	MIRROR ON PLYWOOD BACKING
K40/107	C06	FULL HEIGHT CERAMIC WALL TILING
M20/160	C07	ELASTOMERIC S/COLOUR RENDER FINISH OVER INSULATION
M20/160	C08	ELASTOMERIC S/COLOUR RENDER FINISH OVER EXISTING WALLS
M60/170	W09	SIKA GUARD WATER REPELLANT IMPREGNATION TO STONE WALLS
SPECIALIST	W10	SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
K32/120	W11	SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
K13/160	W12	CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
M40/111	W13	CERAMIC TILE
M50/150	W14	ELASTOMERIC S/COLOUR RENDER FINISH OVER GTC AQUABOARD

SKIRTING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P20/120	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON SLIP CERAMIC FLOOR TILING
M12/110	F02	SKA STANDARD COMFORT RESIN FLOOR
M12/111	F03	SKA NON-SLIP COMFORT RESIN FLOOR
M12/112	F04	SKA PRO-COMFORT RESIN FLOOR
M12/113	F05	SKA 264 2 PART EPOXY RESIN
Q24/110	F06	BRENCO LOSA VOLCANO 400SQ70MM
N10/300	F07	BARRIER ENTRANCE MATTING
K21/141	F08	4.5MM UPVC TABLE(45) SPORTS FLR
M12/114	F09	SKA PULASTIC POLYURETHANE FLOOR
M12/115	F10	SKA REGIPOL SHOCKPAD FLOORING
L10/460	F11	WALK ON GLASS/ROOF LIGHTS
M50/150	F12	NON-SLIP VINYL
	F13	NOM. 100MM DRAINED RUBBER CRUMB
	F14	HIGH QUALITY POWER FLOATED CONCRETE

NOTES:
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FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

GROUND WORKS
C20 DEMOLITIONS REFER TO WSRM DRGS [7777 SERIES] AND STRUCTURAL ENGINEER'S DETAILS
D20 EXCAVATING AND FILLING SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
E00 INSTU CONCRETE/LARGE PRECAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E10 INSTU CONCRETE MAKES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E40 DESIGNED JOINTS IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF FUEL AND POWER GENERALLY AS FOLLOWS:
- ROOFS < 0.25W/M² MIN.
- FLOORS < 0.25W/M² MIN. TO CONDITIONED FLOOR PLATES

ACCESSORIES / SUNDRIES FOR BRICK / BLOCK / STONE WALLING
F30 WALL TIES TO DO 140P2 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
PRECAST CONCRETE AND PREPARATED STEEL LINELS TO BS977/12 - TO STRUCTURAL ENGINEER'S DETAILS

STRUCTURAL / CARCASSING / METAL / TIMBER
G10 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
G12 ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
G20 CARPENTRY / TIMBER FRAMING / FIRST FIXING TO STRUCTURAL ENGINEER'S DETAILS
G30 METAL PROFILED SHEET DECKING TO STRUCTURAL ENGINEER'S DETAILS FOR FINISH/SUPENSION OF CEILING/SERVICES FROM THE INTERNAL COURTYARD AS AN ALTERNATIVE CORROSION AND HEAT PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTUMESCENT PAINT APPLICATION GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (FOR SIMILAR) BOWING TO CEILING AND FLOOR JOISTS IN ROCK MINERAL WOOL OR SIMILAR, ALL IN ACCORDANCE WITH PART 8 OF THE UK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO PROVIDE A MINIMUM 100 R.P.

MECHANICAL HEATING AND VENTILATION: THIS SYSTEM ADOPTS A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE CORROSION AND HEAT PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTUMESCENT PAINT APPLICATION GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (FOR SIMILAR) BOWING TO CEILING AND FLOOR JOISTS IN ROCK MINERAL WOOL OR SIMILAR, ALL IN ACCORDANCE WITH PART 8 OF THE UK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO PROVIDE A MINIMUM 100 R.P.

ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS
DRAINAGE ABOVE GROUND:
AS INDICATIVELY SHOWN ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS TO BE SPECIFIC COATED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION 100
DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

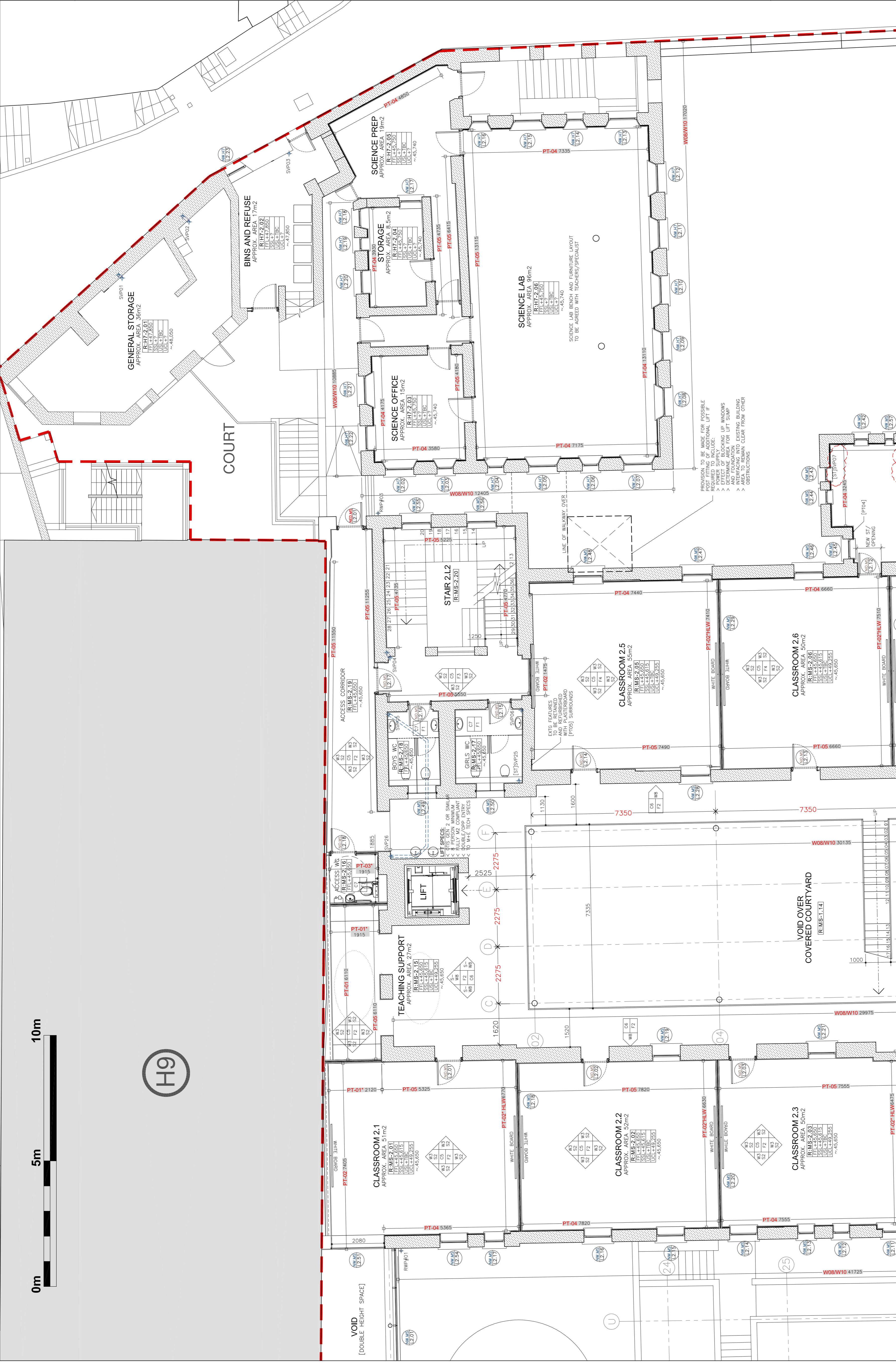
FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR INFORMATION ONLY. APPROVED CONTRACTOR TO ALLOW FOR ALL CONDUITS AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR CONSTRUCTION

REV	DATE	AMENDMENTS
A	31.01.2014	ISSUED FOR CONSTRUCTION
B	28.02.14	UPDATED NOTES
C	10.03.14	GENERAL UPDATE
D	11.04.14	GENERAL UPDATE

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CLIENT: GOVERNMENT OF GIBRALTAR DEPARTMENT OF EDUCATION
PROJECT: ST BERNARDS SCHOOLS
DRAWING TITLE: PROPOSED PLAN LEVEL 2 (MIDDLE SCHOOL PARTIAL LAYOUT 3 OF 4)
SCALE: 1:75 @ A1
DATE: 28.11.13
JOB + DRG REF No.: G568[5-033]PUS-L2-75
REV: D



ST BERNARDS - PROPOSED PLAN LEVEL 2
MIDDLE SCHOOL PARTIAL LAYOUT 3 OF 4
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-033]-GA-LVL-2-150
SCALE 1:75

CONSTRUCTION LEGEND:

- TEMPORARY [TW] NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- CLEARESTRY H/V WINDOW [REF. XXXX]

KEY TO DIMENSIONS [IN M.M.] :

- 1450 → DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 → DENOTES EXTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
- 1450 → FINISHED FLOOR LEVEL
- SSL+XX.XXX → STRUCTURAL SLAB LEVEL
- U/S+XX.XXX → U/S FINISHED LINING LEVEL
- ~XX.XXX → EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- WALL PARTITION LINING TYPE 1: READY FOR PAINTING/ 15MM GTEC MECABOARD ON 90°/60MM GTEC EDG BY LAJARGE OR SIMILAR, WITH 50MM 19KG/M² ACOUSTIC INSULATION [*]
- WALL PARTITION LINING TYPE 2: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC MECABOARD OVER 15MM EXTERNAL QUALITY 19KG/M² ACOUSTIC INSULATION [*]
- WALL PARTITION LINING TYPE 3: EXTERNAL GLASSING BOARD ONLY - (NO PLUMBWOOD) FEATHERED EDGED TAPED AND JOINTED (READY FOR PAINTING) 15MM GTEC MECABOARD OVER 15MM EXTERNAL QUALITY 19KG/M² ACOUSTIC INSULATION [*]
- WALL LINING TYPE 4: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 30MM GTEC MECABOARD BY LAJARGE OR SIMILAR, ON DABS WITH MN. 4 MECHANICAL FINING/BOARD
- WALL LINING TYPE 5: FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15.5MM GTEC MECABOARD BY LAJARGE OR SIMILAR, ON DABS WITH MN. 4 MECHANICAL FINING/BOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600X600 DEMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	MODULAR ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	600X600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKIRTING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P20/120	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

WALL FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	W01	PAINTED MASONRY/CONCRETE BLOCKS/WALLS
M60/111	W02	PAINTED RENDER FINISH
M60/100	W03	WASHABLE EMULSION PAINTED LINING
M60/101	W04	MOISTURE RESISTANT PAINTED LINING
XX	W05	MIRROR ON PLYWOOD BACKING
M40/110	W06	FULL HEIGHT CERAMIC WALL TILING
M21/210	W07	ELASTOMERIC S/COLOUR RENDER FINISH OVER EXISTING WALLS
M20/160	W08	ELASTOMERIC S/COLOUR RENDER FINISH OVER EXISTING WALLS
M60/170	W09	SICA GARD WATER REFLELLANT IMPREGNATION TO STONE WALLS
M12/111	W10	SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
K32/120	W11	SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
K13/160	W12	SELF FINISH ACOUSTIC LINING BOARD
M40/111	W13	CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
M20/160	W14	ELASTOMERIC S/COLOUR RENDER FINISH OVER GTEC AQUABOARD

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON-SLIP CERAMIC FLOOR TILING
M12/110	F02	SICA STANDARD COMFORT RESIN FLOOR
M12/111	F03	SICA NON-SLIP COMFORT RESIN FLOOR
M12/112	F04	SICA PRO-COMFORT RESIN FLOOR
M12/113	F05	SICA 264-2 PART EPOXY RESIN
G24/110	F06	BRENCO LOSA VOLCANO 4003070MM
M10/300	F07	BARREIR ENTRANCE MATTING
K21/141	F08	4.5MM UPVC TARAFLEX(45) SPORTS FLR
M12/114	F09	SICA PLUASTIC POLYURETHANE FLOORING
L10/460	F10	SICA REGIPOL SHOCKPAD FLOORING
M50/150	F11	WALK ON GLASS/ROOF LIGHTS
F12	F12	NON-SLIP VINYL
F13	F13	NOM. 100MM DRAINED RUBBER CRUMB
F14	F14	HIGH QUALITY POWER FLOATED CONCRETE

NOTES:
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GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

- GROUND WORKS**
D20 DEMOLITIONS
REFER TO WSRM DRGS (7??7 SERIES) AND STRUCTURAL ENGINEER'S DETAILS
- D20 EXCAVATING AND FILLING**
SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
- INSTU CONCRETE/LARGE PRECAST CONCRETE**
E05 INSTU CONCRETE CONSTRUCTION GENERALLY TO STRUCTURAL ENGINEER'S DETAILS
- E10 INSTU CONCRETE MIXES, CASTING AND CURING**
TO STRUCTURAL ENGINEER'S DETAILS
- E20 FORM FOR INSTU CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- E30 REINFORCEMENT FOR INSTU CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- E40 DESIGNED JOINTS IN INSTU CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- E41 WORKED FINISHES TO INSTU CONCRETE**
TO STRUCTURAL ENGINEER'S DETAILS
- E60 PRECAST/PRECAST CONCRETE FLOORS/ROOF DECKS**
TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF MATERIALS
TO BE GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.25M/WK MIN.
- FLOORS < 0.25M/WK MIN. TO CONTIGUOUS FLOOR PLATES

ACCESSORIES /SUNDRIES FOR BRICK / BLOCK / STONE WALLING
F30 WALL TIES TO DD 140/P2 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER

STRUCTURAL / CARCASSING / METAL / TIMBER
C10 STRUCTURAL STEEL FRAMING
TO STRUCTURAL ENGINEER'S DETAILS

C12 ISOLATED STRUCTURAL METAL WEABERS
TO STRUCTURAL ENGINEER'S DETAILS

G20 CARPENTRY / TIMBER FRAMING / FIRST FIXING
TO STRUCTURAL ENGINEER'S DETAILS

G30 METAL PROFILED SHEET DECKING
TO STRUCTURAL ENGINEER'S DETAILS

P12 FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTUMESCENT PAINT APPLICATION (GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (OR SIMILAR) BOWING TO EXPOSED SURFACE TO BE 100MM MIN. TO CEILING AND FLOOR Voids IN ROOF MINERAL WOOL OR INSULATION TO BE 100MM MIN. TO LIGHT GAUGE STEEL WORK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO BE 100MM MIN. TO EXPOSED SURFACE.

Mechanical Heating and Ventilation
TO M+E ENGINEER'S DESIGN AND DETAILS. SYSTEM INCLUDES A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY SYSTEM. A COMBINATION OF MECHANICAL AND NATURAL VENTILATION WATER AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.

ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS

DRAINAGE ABOVE GROUND:
AS INDICATIVELY SHOWN ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. TO BE PPG COATED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION TO BE

DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR INFORMATION ONLY. APPROVAL CONTRACTOR IS TO ALLOW FOR ALL CONDUITS AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR CONSTRUCTION

REV	DATE	amendments
A	31.01.2014	ISSUED FOR CONSTRUCTION
B	28.02.14	UPDATED NOTES
C	10.03.14	GENERAL UPDATE
D	11.04.14	GENERAL UPDATE

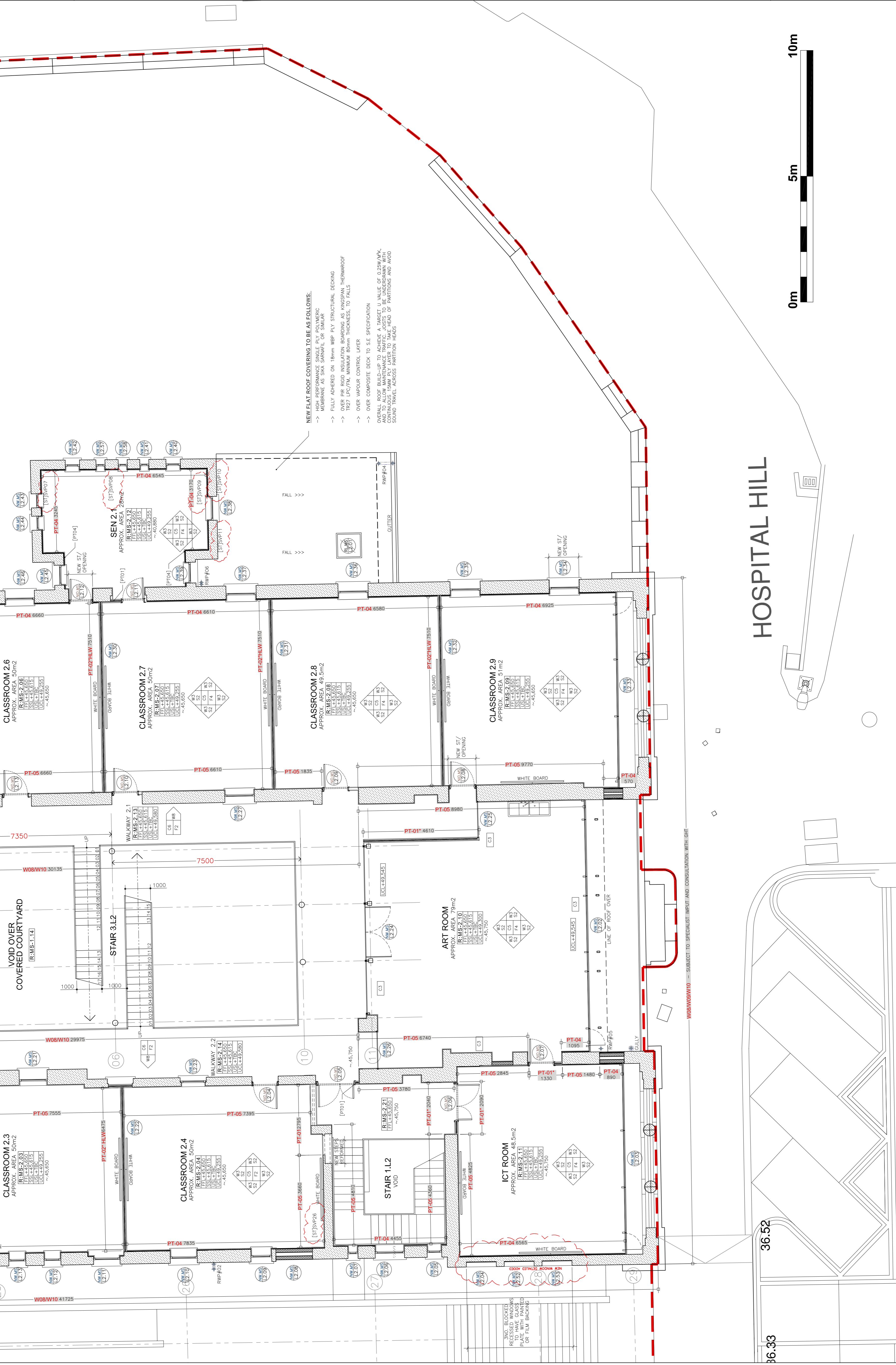
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**GOVERNMENT OF GIBRALTAR
DEPARTMENT OF EDUCATION**

**PROJECT
ST BERNARDS SCHOOLS**

**DRAWING TITLE
PROPOSED PLAN LEVEL 2
(MIDDLE SCHOOL PARTIAL LAYOUT 4 OF 4)**

SCALE	JOB + DRG REF. No.	REV
1:7500A1	G568[5-034]	D
28.11.13		



ST BERNARDS - PROPOSED PLAN LEVEL 2
MIDDLE SCHOOL PARTIAL LAYOUT 4 OF 4
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-034]-GA-LVL-2-150
SCALE 1:75

HOSPITAL HILL

CONSTRUCTION LEGEND:

- TERMOGRILLA (TM) NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- PT-02-HLW - CLERESTORY H/A WINDOW (REF: XXXX)

KEY TO DIMENSIONS [IN M.M.] :

- 1450 - DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 - DENOTES INTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
- FFL+XX,XXX - FINISHED FLOOR LEVEL
- SSL+XX,XXX - STRUCTURAL SLAB LEVEL
- U/S+XX,XXX - U/S STRUCTURAL SOFFIT LEVEL
- UCL+XX,XXX - U/S FINISHED LINING LEVEL
- ~XX,XXX - EXISTING FLOOR LEVELS (APPROX.)

KEY TO WALL LINING CONSTRUCTION :

- PT-01-1 - WALL PARTITION LINING TYPE 1: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBARD OVER 150MM GTEC STUD BY LAFARGE OR SIMILAR WITH 50MM 19KG/M2 ACUSTIC INSULATION [1]
- PT-02-1 - WALL PARTITION LINING TYPE 2: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBARD OVER 150MM GTEC STUD BY LAFARGE OR SIMILAR WITH 50MM 19KG/M2 ACUSTIC INSULATION [1]
- PT-03-1 - WALL PARTITION LINING TYPE 3: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBARD OVER 150MM GTEC STUD BY LAFARGE OR SIMILAR WITH 50MM 19KG/M2 ACUSTIC INSULATION [1]
- PT-04-1 - WALL PARTITION LINING TYPE 4: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBARD OVER 150MM GTEC STUD BY LAFARGE OR SIMILAR WITH 50MM 19KG/M2 ACUSTIC INSULATION [1]
- PT-05-1 - WALL PARTITION LINING TYPE 5: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBARD OVER 150MM GTEC STUD BY LAFARGE OR SIMILAR WITH 50MM 19KG/M2 ACUSTIC INSULATION [1]

KEY TO WALL FINISHES:

- W01: PAINTED MASONRY/CONCRETE BLOCKS/WALLS
- W02: PAINTED RENDER FINISH
- W03: WASHABLE EMULSION PAINTED P/B LINING
- W04: MOISTURE RESISTANT PAINTED LINING
- W05: MIRROR ON PLYWOOD BACKING
- W06: FULL HEIGHT CERAMIC WALL TILING
- W07: ELASTOMERIC S/COLOR RENDER FINISH OVER INSULATION
- W08: ELASTOMERIC S/COLOR RENDER FINISH OVER EXISTING WALLS
- W09: SIKA GUARD WATER REPELLANT IMPREGATION TO STONE WALLS
- W10: SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
- W11: SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
- W12: SELF FINISH ACOUSTIC LINING BOARD
- W13: CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
- W14: ELASTOMERIC S/COLOR RENDER FINISH OVER GTEC AQUABOARD

KEY TO CEILING FINISHES:

- C01: SELF FINISH/PAINTED CONCRETE SOFFIT
- C02: ACOUSTIC PAINTED PLASTERBOARD LINING
- C03: STANDARD EMULSION PAINTED P/B LINING
- C04: MOISTURE RESISTANT PAINTED P/B LINING
- C05: 600x600 DEMOUNTABLE GRID CEILING SYSTEM
- C06: MODULAR ACOUSTIC GRID CEILING SYSTEM
- C07: 600x600 MOISTURE RESIST GRID CEILING SYSTEM
- C08: RENDERED EXTERNAL SOFFIT CLADDING BOARD

KEY TO SKIRTING FINISHES:

- S01: SURFACE MOUNTED PAINTED MDF BOARD
- S02: RECESSED PAINTED MDF BOARD
- S03: CERAMIC TILE
- S04: COVERED VINYL SKIRTING

FLOOR FINISHES:

- F01: NON-SLIP CERAMIC FLOOR TILING
- F02: SMA STANDARD COMFORT RESIN FLOOR
- F03: SMA NON-SLIP COMFORT RESIN FLOOR
- F04: SMA PRO-COMFORT RESIN FLOOR
- F05: SMA 264 2 PART EPOXY RESIN
- F06: BRENCO LOSA VOLCANO 4005X20MM
- F07: BARRIER ENTRANCE MATTING
- F08: 4.5MM UPVC TARGEX[45] SPORTS FLR
- F09: SMA PULASTIC POLYURETHANE FLOORING
- F10: SMA REGUPOL SHOCKPAD FLOORING
- F11: WALK ON GLASS/ROOF LIGHTS
- F12: NON-SLIP VINYL
- F13: NOM 100MM DRAINED RUBBER CRUMB
- F14: HIGH QUALITY POWER FLOATED CONCRETE

CEILING FINISHES:

- M60/110: SELF FINISH/PAINTED CONCRETE SOFFIT
- K10/112: ACOUSTIC PAINTED PLASTERBOARD LINING
- K10/105: STANDARD EMULSION PAINTED P/B LINING
- K10/106: MOISTURE RESISTANT PAINTED P/B LINING
- K40/105/108: 600x600 DEMOUNTABLE GRID CEILING SYSTEM
- K40/107: MODULAR ACOUSTIC GRID CEILING SYSTEM
- K40/106: 600x600 MOISTURE RESIST GRID CEILING SYSTEM
- M20/160: RENDERED EXTERNAL SOFFIT CLADDING BOARD

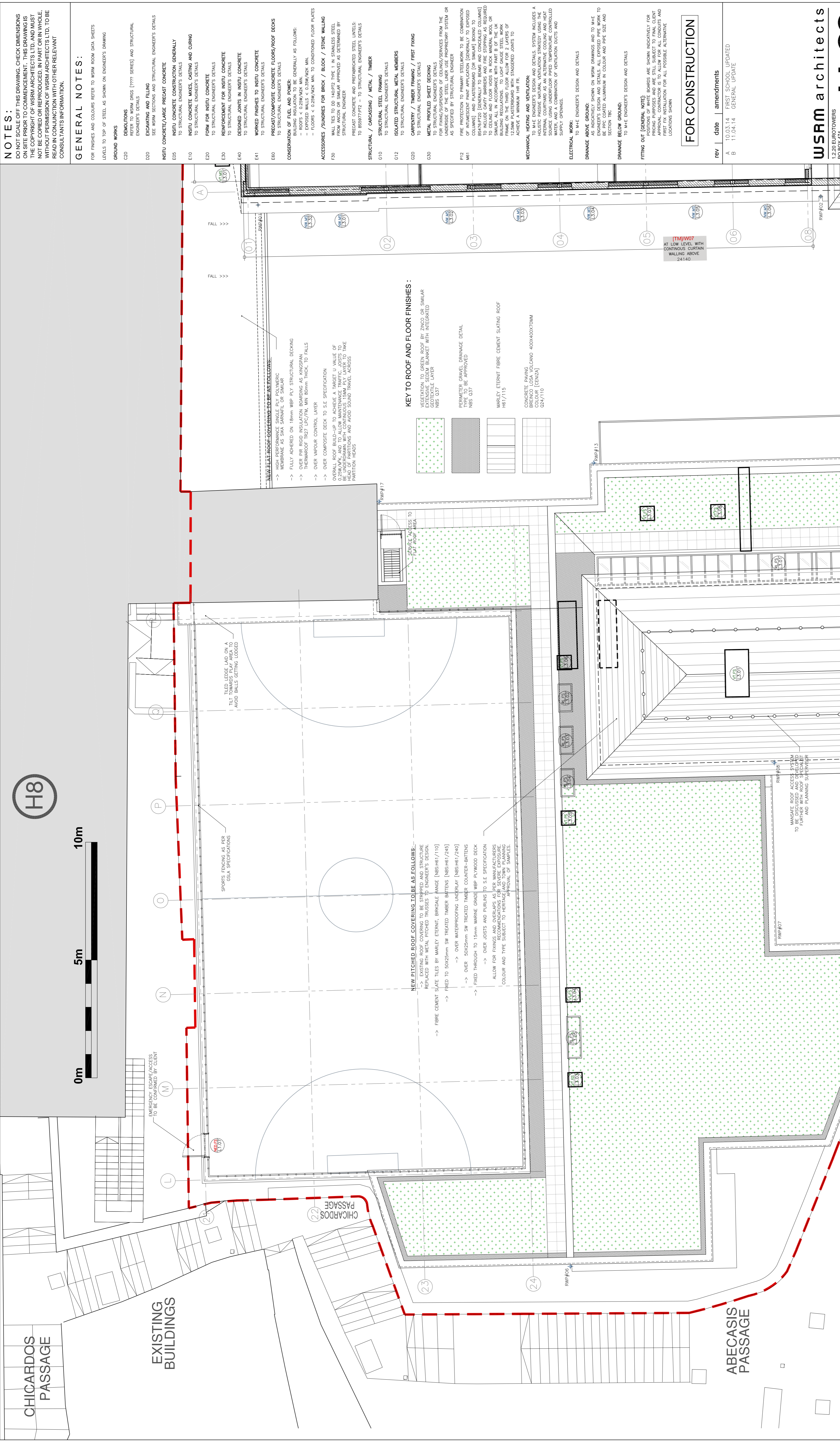
SKIRTING FINISHES:

- P20/120: SURFACE MOUNTED PAINTED MDF BOARD
- P20/120: RECESSED PAINTED MDF BOARD
- M40/111: CERAMIC TILE
- M50/150: COVERED VINYL SKIRTING

NEW FLAT ROOF COVERING TO BE AS FOLLOWS:

- HIGH PERFORMANCE SINGLE PLY POLYMERIC MEMBRANE AS SIKAPAPIL OR SIMILAR
- FULLY ADHERED ON 18mm WBP PLY STRUCTURAL DECKING
- OVER PIR RIGID INSULATION BOARDING AS KINGSpan THERMOROOF T827 LPO/7M. MINIMUM 80mm THICKNESS. TO FALLS
- OVER VAPOUR CONTROL LAYER
- OVER COMPOSITE DECK TO S.E SPECIFICATION

OVERALL ROOF BUILD-UP TO ACHIEVE A TARGET U VALUE OF 0.25M/WK. AND TO ALLOW MAINTENANCE ACCESS TO BE UNDERDRAIN WITH SOUND TRAVEL ACROSS PARTITION HEADS



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GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

GROUND WORKS
C20 DEMOLITIONS REFER TO WSRM DRGS [7777 SERIES] AND STRUCTURAL ENGINEER'S DETAILS
D20 EXCAVATING AND FILLING SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
E05 INSTU CONCRETE/LARGE PRECAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E10 INSTU CONCRETE WALLS, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E40 DESIGNED JOINTS IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF FUEL AND POWER: GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.25M/AOK MIN.
- FLOORS < 0.25M/AOK MIN. TO CONDITIONED FLOOR PLATES
ACCESSORIES/SUNSCREENS FOR BRICK / BLOCK / STONE WALLING
F50 WALL TIES TO GO 1402P2 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
PRECAST CONCRETE AND PREFABRICATED STEEL UNITS: TO BS9777P2 - TO STRUCTURAL ENGINEER'S DETAILS

STRUCTURAL / CARCASSING / METAL / TIMBER
G10 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
G12 ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
G20 CARCASSRY / TIMBER FRAMING / FIRST FIXING TO STRUCTURAL ENGINEER'S DETAILS
G30 METAL PROFILED SHEET BEARING TO STRUCTURAL ENGINEER'S DETAILS
FOR FINISHES/SUSPENSION OF CEILING/SERVICES FROM THE CEILING REFER TO WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTumesCENT PAINT APPLICATION (GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (OR SIMILAR) BOARDING TO BR/27/20 (GENERALLY TO BEAM AND CONSOLIDATED COLUMNS) TO CEILING AND FLOOR Voids IN ROCK MINERAL WOOL OR SIMILAR. ALL IN ACCORDANCE WITH PART 8 OF THE UK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO ACHIEVE A MINIMUM IIR FR.

MECHANICAL HEATING AND VENTILATION: MECHANICAL HEATING AND VENTILATION SYSTEMS INCLUDES A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY STRATEGY. THIS STRATEGY IS TO BE COMBINED WITH MECHANICAL HEATING AND VENTILATION SYSTEMS AND A COMBINATION OF VENTILATION UNITS AND SUPPLY OPENINGS.
ELECTRICAL WORK: TO M+E ENGINEER'S DESIGN AND DETAILS
DRAINAGE ABOVE GROUND: AS INDICATIVELY SHOWN ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. ALL EXPOSED PIPE WORK TO BE PROTECTED WITH MINIMUM 100MM INSULATION IN ACCORDANCE WITH SECTION TBC
DRAINAGE BELOW GROUND: TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT (GENERAL NOTE): POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE APPROVAL CONTRACTOR IS TO ALLOW FOR ALL CONDUITS AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR CONSTRUCTION

REV	DATE	DESCRIPTION
A	10.03.14	FIRST SCHOOL UPDATED
B	11.04.14	GENERAL UPDATE

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DEPARTMENT OF EDUCATION

PROJECT:
ST BERNARDS SCHOOLS

DRAWING TITLE:
PROPOSED PLAN LEVEL 3
(FIRST SCHOOL PARTIAL LAYOUT 1 OF 4)

SCALE: 1:75 @ A1
DATE: 28.11.13
JOB + DRG REF No.: G568[5-04]1-PLUS-L3-5
REV: B

ST BERNARDS - PROPOSED PLAN LEVEL 3
FIRST SCHOOL PARTIAL LAYOUT 1 OF 4
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-04]-GA-LVL-3-5

SCALE 1:75

CONSTRUCTION LEGEND:

- TERMARCELLA (TM) NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- PT-02A-H/W - CLOSETORY H/A WINDOW (REF: XXXX)

KEY TO DIMENSIONS [IN M.M.] :

- 1450 - DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 - DENOTES INTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
- FFL+XX.XXX - FINISHED FLOOR LEVEL
- SSL+XX.XXX - STRUCTURAL SLAB LEVEL
- U/L+XX.XXX - U/S STRUCTURAL SOFFIT LEVEL
- ~XX.XXX - EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- PT-01 - WALL PARTITION LINING TYPE 1: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBOARD ON 90/160GTEC STUD BY LAP/JARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION [1]
- PT-02 - WALL PARTITION LINING TYPE 2: STANDARD EMULSION PAINTED P/B LINING 15MM GTEC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/160GTEC STUD BY LAP/JARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION [1]
- PT-03 - WALL PARTITION LINING TYPE 3: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/160GTEC STUD BY LAP/JARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION [1]
- PT-04 - WALL LINING TYPE 4: 60KG/600 MOISTURE RESIST GRID CEILING SYSTEM MODULAR ACOUSTIC GRID CEILING SYSTEM
- PT-05 - WALL LINING TYPE 5: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 12.5MM GTEC MEGACORBOARD BY LAP/JARE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FRING/BOARD

KEY TO WALLING CONSTRUCTION :

- PT-06 - WALL PARTITION LINING TYPE 1: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBOARD ON 90/160GTEC STUD BY LAP/JARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION [1]
- PT-07 - WALL PARTITION LINING TYPE 2: STANDARD EMULSION PAINTED P/B LINING 15MM GTEC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/160GTEC STUD BY LAP/JARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION [1]
- PT-08 - WALL PARTITION LINING TYPE 3: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GTEC MEGACORBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/160GTEC STUD BY LAP/JARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION [1]
- PT-09 - WALL LINING TYPE 4: 60KG/600 MOISTURE RESIST GRID CEILING SYSTEM MODULAR ACOUSTIC GRID CEILING SYSTEM
- PT-10 - WALL LINING TYPE 5: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 12.5MM GTEC MEGACORBOARD BY LAP/JARE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FRING/BOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	60KG/600 DEMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	MODULAR ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	60KG/600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKIRTING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
M40/111	S02	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

WALL FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	W01	PAINTED MASONRY/CONCRETE BLOCKS/WALLS
M60/111	W02	PAINTED RENDER FINISH
M60/100	W03	WASHABLE EMULSION PAINTED LINING
M60/101	W04	MOISTURE RESISTANT PAINTED LINING
XX	W05	MIRROR ON PLYWOOD BACKING
M40/110	W06	FULL HEIGHT CERAMIC WALL TILING
M21/210	W07	Elastomeric S/COLOUR RENDER FINISH OVER EXISTING WALLS
M20/160	W08	Elastomeric S/COLOUR RENDER FINISH OVER EXISTING WALLS
M60/170	W09	SKIA GUARD WATER REPELLANT IMPREGNATION TO STONE WALLS
SPECIALIST	W10	SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
K32/120	W11	SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
K13/160	W12	SELF FINISH ACOUSTIC LINING BOARD
M40/111	W13	CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
M20/160	W14	Elastomeric S/COLOUR RENDER FINISH OVER GTEC AQUABOARD

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON SLIP CERAMIC FLOOR TILING
M12/110	F02	SKIA STANDARD COMFORT RESIN FLOOR
M12/111	F03	SKIA NON-SLIP COMFORT RESIN FLOOR
M12/112	F04	SKIA PRO-COMFORT RESIN FLOOR
M12/113	F05	SKIA 264 2 PART EPOXY RESIN
N10/300	F06	BRENCO LOSA VOLCANO 400SX20MM
K21/141	F07	BARBER ENTRANCE MATTING
M12/114	F08	4.5MM UPVC TARGEX[45] SPORTS FLR
M12/115	F09	SKIA PILASTIC POLYURETHANE FLOOR
L10/460	F10	SKIA REGUPOL SHOCKPAD FLOORING
M50/150	F11	WALK ON GLASS/ROOF LIGHTS
	F12	NON-SLIP VINYL
	F13	NOM 100MM DRAINED RUBBER CRUMB
	F14	HIGH QUALITY POWER FLOATED CONCRETE

NOTES:

DO NOT SCALE OFF THIS DRAWING. CHECK DIMENSIONS ON SITE PRIOR TO COMMENCEMENT. THIS DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR CONSTRUCTION WITHOUT PERMISSION OF WSRM ARCHITECTS LTD. TO BE READ IN CONJUNCTION WITH OTHER RELEVANT CONSULTANT'S INFORMATION.

GENERAL NOTES:

FOR FINISHES AND COLOURS REFER TO WSRM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

- GROUND WORKS**
- D00 DEMOLITIONS REFER TO WSRM (BRS) (7???) SERIES) AND STRUCTURAL ENGINEER'S DETAILS
 - D20 EXCAVATING AND FILLING SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
 - E00 INSTU CONCRETE/LARGE PRECAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E10 INSTU CONCRETE MIXES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
 - E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E40 DESIGNED JOINTS IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
 - E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS
- CONSERVATION OF FUEL AND POWER** GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.25M/A2K MIN.
 - FLOORS < 0.25M/A2K MIN.
- ACCESSORIES FOR BRICK / BLOCK / STONE WALLING**
- F00 WALL TIES TO GO 140P2 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
 - F05 PRECAST CONCRETE AND PREPARATED STEEL UNITS TO BS977P12 - TO STRUCTURAL ENGINEER'S DETAILS
- STRUCTURAL / CARCASSING / METAL / TIMBER**
- G10 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
 - G12 ISOLATED STRUCTURAL METAL MEMBERS TO STRUCTURAL ENGINEER'S DETAILS
 - G20 CARPENTRY / TIMBER FRAMING / FIRST FINISH TO STRUCTURAL ENGINEER'S DETAILS
 - G30 METAL PROFILED SHEET DECKING TO STRUCTURAL ENGINEER'S DETAILS
- P12** FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTUMESCENT PAINT APPLICATION (GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (OR SIMILAR) BOWING TO STRUCTURAL ENGINEER'S DETAILS
- M61** TO INCLUDE CURTAIN WALLS AND FIRE STOPPING AS REQUIRED TO CEILING AND FLOOR Voids IN ROCK MINERAL WOOL OR SIMILAR. ALL IN ACCORDANCE WITH PART E OF THE UK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO ACHIEVE A MINIMUM IIR FR.

MECHANICAL HEATING AND VENTILATION: MECHANICAL HEATING AND DETAILS. SYSTEM INCLUDES: A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY SYSTEM. TO BE PROVIDED WITH INSULATED DOUBLE GLAZED WATER AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.

ELECTRICAL WORK: TO M+E ENGINEER'S DESIGN AND DETAILS

DRAINAGE ABOVE GROUND: AS INDICATIVELY SHOWN ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. TO BE PROVIDED WITH BEHPC COATED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION 18C

DRAINAGE BELOW GROUND: TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT [GENERAL NOTE]: POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR INFORMATION ONLY. APPROVAL OF CONTRACTOR IS TO ALLOW FOR ALL CONDUITS AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR CONSTRUCTION

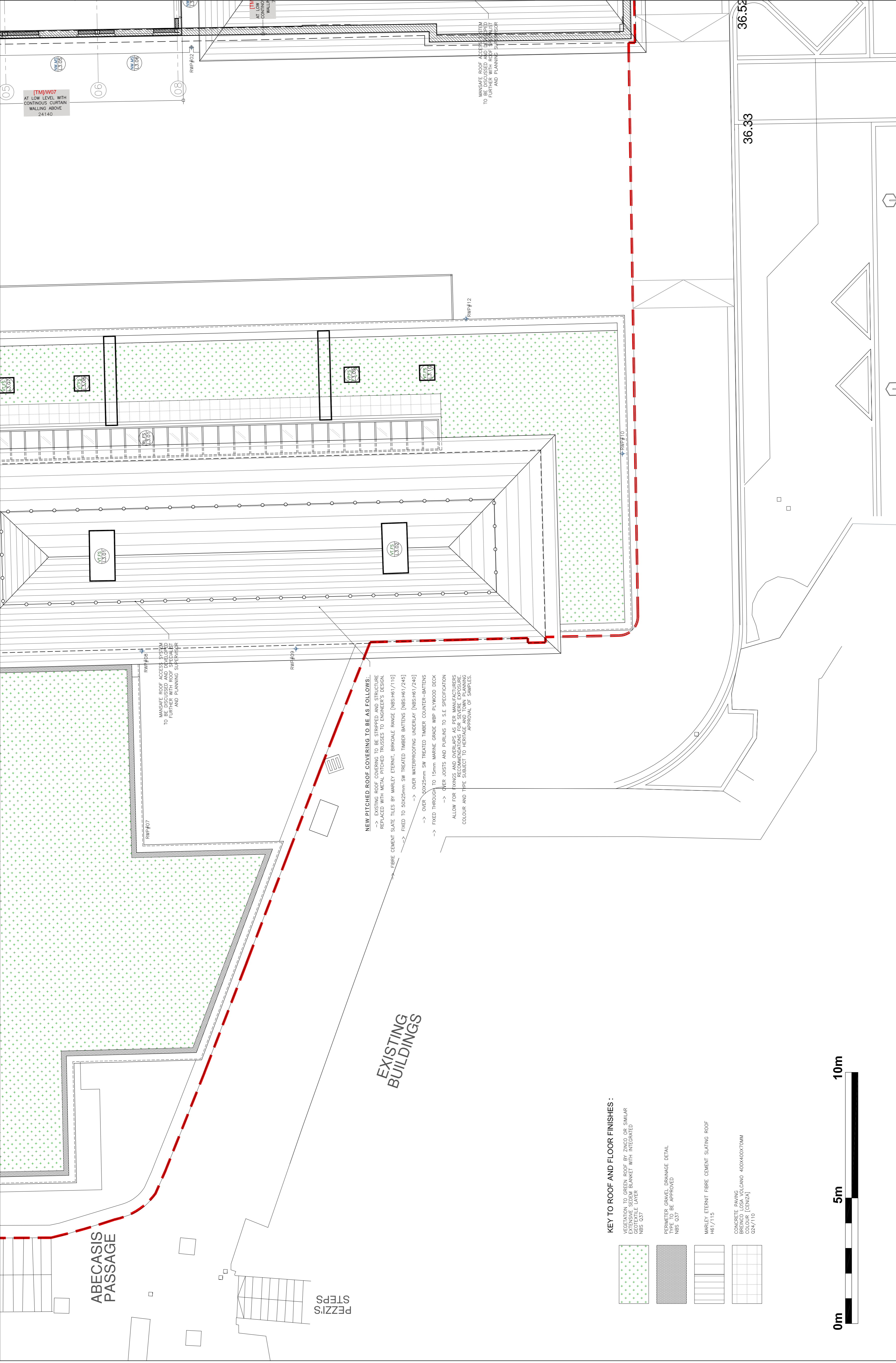
REV	DATE	AMENDMENTS
A	10.03.14	FIRST SCHOOL UPDATED
B	11.04.14	GENERAL UPDATE

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**GOVERNMENT OF GIBALTAR
 DEPARTMENT OF EDUCATION**

ST BERNARDS SCHOOLS

SCALE	1:75@A1	REV	B
DATE	28.11.13	JOB + DRG REF. NO.	G568[5-042]
DRAWING TITLE			PROPOSED PLAN LEVEL 3 (FIRST SCHOOL PARTIAL LAYOUT 2 OF 4)



ST BERNARDS - PROPOSED PLAN LEVEL 3
 FIRST SCHOOL PARTIAL LAYOUT 2 OF 4
 FOR GENERAL LOCATION REFER TO :
 WSRM DRG NO. G568[5-042]-GA-LVL-3-150
 SCALE 1:75

CONSTRUCTION LEGEND:

- TERMARCELLA TM NBS F10/110
- COMMON BLOCKWORK NBS F10/260
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- PT02HUW CLERESTORY H/V WINDOW (REF: XXXX)

KEY TO DIMENSIONS [IN M.M.] :

- ← 1450 → DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- ← 1450 → DENOTES INTERNAL DIMENSIONS TO FINISH [2ND FIX]
- FFL+XX.XXX FINISHED FLOOR LEVEL
- SSL+XX.XXX STRUCTURAL SLAB LEVEL
- USL+XX.XXX U/S FINISHED LINING LEVEL
- ~XX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- WALL PARTITION LINING TYPE 1 NBS K10/100
FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GFC MEGABOARD ON 90/100MM GFC STUD BY LAPARE OR SIMILAR WITH 50MM 19KG/AZ ACUSTIC INSULATION []
- WALL PARTITION LINING TYPE 2 NBS K10/100
15MM GFC MEGABOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GFC STUD BY LAPARE OR SIMILAR, WITH 50MM 19KG/AZ ACUSTIC INSULATION []
- WALL PARTITION LINING TYPE 3 NBS K10/100
PLYWOOD ON 90/100GFC STUD BY LAPARE OR SIMILAR WITH 50MM 19KG/AZ ACUSTIC INSULATION []
- WALL LINING TYPE 4 NBS K10/100
FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GFC MEGABOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GFC STUD BY LAPARE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD
- WALL LINING TYPE 5 NBS K10/100
FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 12.5MM GFC MEGABOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GFC STUD BY LAPARE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD

KEY TO ROOF AND FLOOR FINISHES :

- VEGETATION TO GREEN ROOF BY ZINCO OR SIMILAR EXTENSIVE SENSIBLIS BLANKET WITH INTEGRATED PERMEABLE COVER NBS Q37
- FERIMETER GRAVEL DRAINAGE DETAIL TO BE APPROVED NBS Q37
- MARLEY ETERNIT FIBRE CEMENT SLATING ROOF NBS Q15
- CONCRETE PAVING BREINCO LUSA VOLCANO 400X400X70MM (GENUSA) G24/110

NEW PITCHED ROOF COVERING TO BE AS FOLLOWS:

- > EXISTING ROOF COVERING TO BE STRIPPED AND STRUCTURE REPLACED WITH METAL PROFILED ROOFING TO ENGINEER'S DESIGN
- > OVER 50X25mm SW TREATED TIMBER BATTENS (NBS-H61/245)
- > OVER WATERPROOFING UNDERLAY (NBS-H61/240)
- > OVER 50X25mm SW TREATED TIMBER COUNTER-BATTENS
- > FRIED THROUGH TO 15mm MARINE GRADE WBP PLYWOOD DECK
- > OVER JOISTS AND PURLINS TO SEE SPECIFICATION
- > ALLOW FOR DIMS AND OVERLAPS AS PER MANUFACTURERS SPECIFICATION AND APPROVAL OF CONTRACTOR TO HERITAGE AND TOWN PLANNING COLOUR AND TYPE SUBJECT TO HERITAGE AND TOWN PLANNING APPROVAL OF SAMPLES.

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112	C02	ACUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600600 DEMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	MODULAR ACUSTIC GRID CEILING SYSTEM
K40/106	C07	600600 MOISTURE RESIST P/B LINING
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKIRTING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
M40/110	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON-SLIP CERAMIC FLOOR TILING
M12/110	F02	PAINTED RENDER FINISH
M12/111	F03	WASHABLE EMULSION PAINTED LINING
M12/112	F04	MOISTURE RESISTANT PAINTED LINING
M12/113	F05	MIRROR ON PLYWOOD BACKING
N10/300	F06	BREINCO LUSA VOLCANO 400X400X70MM
K21/141	F07	ELASTOMERIC S/COLLOUR RENDER FINISH OVER EXISTING WALLS
M12/114	F08	4.5MM UPVC TABLE(X45) SPORTS FLE
M12/115	F09	SKIA PULASTIC POLYURETHANE FLOOR
L10/460	F10	SKIA REGUPOL SHOOPAD FLOORING
M50/150	F11	WALK ON GLASS/ROOF LIGHTS
	F12	NON-SLIP VINYL
	F13	NOM. 100MM DRAINED RUBBER CRUMB
	F14	HIGH QUALITY POWER FLOATED CONCRETE

WALL FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	W01	PAINTED MASONRY/CONCRETE BLOCKS/WALLS
M60/111	W02	PAINTED RENDER FINISH
M60/100	W03	WASHABLE EMULSION PAINTED LINING
M60/101	W04	MOISTURE RESISTANT PAINTED LINING
XX	W05	MIRROR ON PLYWOOD BACKING
M40/110	W06	FULL HEIGHT CERAMIC WALL TILING
M21/210	W07	ELASTOMERIC S/COLLOUR RENDER FINISH OVER EXISTING WALLS
M20/160	W08	ELASTOMERIC S/COLLOUR RENDER FINISH OVER EXISTING WALLS
M60/170	W09	SKIA GUARD WATER REPELLANT IMPREGNATION TO STONE WALLS
SPECIALIST	W10	SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
K42/120	W11	SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
K12/160	W12	SELF FINISH ACUSTIC LINING BOARD
M40/111	W13	CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
M20/160	W14	ELASTOMERIC S/COLLOUR RENDER FINISH OVER GFC AQUABOARD

KEY TO WALL LINING CONSTRUCTION :

- WALL PARTITION LINING TYPE 1 NBS K10/100
FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GFC MEGABOARD ON 90/100MM GFC STUD BY LAPARE OR SIMILAR WITH 50MM 19KG/AZ ACUSTIC INSULATION []
- WALL PARTITION LINING TYPE 2 NBS K10/100
15MM GFC MEGABOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GFC STUD BY LAPARE OR SIMILAR, WITH 50MM 19KG/AZ ACUSTIC INSULATION []
- WALL PARTITION LINING TYPE 3 NBS K10/100
PLYWOOD ON 90/100GFC STUD BY LAPARE OR SIMILAR WITH 50MM 19KG/AZ ACUSTIC INSULATION []
- WALL LINING TYPE 4 NBS K10/100
FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GFC MEGABOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GFC STUD BY LAPARE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD
- WALL LINING TYPE 5 NBS K10/100
FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 12.5MM GFC MEGABOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100GFC STUD BY LAPARE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD

NOTES:
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GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING
DEMOLITIONS
REFER TO WSRM BRCS (7777 SERIES) AND STRUCTURAL ENGINEER'S DETAILS
EXCAVATING AND FILLING
SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
INSITU CONCRETE/LARGE PRECAST CONCRETE
INSITU CONCRETE CONSTRUCTION GENERALLY TO STRUCTURAL ENGINEER'S DETAILS
INSITU CONCRETE MIXES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
FORM FOR INSITU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
REINFORCEMENT FOR INSITU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
DESIGNED JOINTS IN INSITU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
WORKED FINISHES TO INSITU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS
CONSERVATION OF FUEL AND POWER:
- EXPOSED WALLS < 0.29W/M2K MIN.
- FLOORS < 0.25W/M2K MIN. GENERALLY AS FOLLOWS:
- FLOORS < 0.25W/M2K MIN.
- EXPOSED WALLS < 0.29W/M2K MIN.

ACCESSORIES / SANDERS FOR BRICK / BLOCK / STONE WALLING
E30 WALL TIES TO 140P2 TYPE 1 IN STAINLESS STEEL FROM ANCON OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
PRECAST CONCRETE AND PREPARED STEEL LINTELS TO BS9777P2 - TO STRUCTURAL ENGINEER'S DETAILS

STRUCTURAL / CARCASSING / METAL / TIMBER
G10 STRUCTURAL STEEL FRAMING
TO STRUCTURAL ENGINEER'S DETAILS
G12 ISOLATED STRUCTURAL METAL NUMBERED TO STRUCTURAL ENGINEER'S DETAILS
G20 CARPENTRY / TIMBER FRAMING / FIRST FINISH TO STRUCTURAL ENGINEER'S DETAILS
G30 METAL PROFILED SHEET DECKING TO STRUCTURAL ENGINEER'S DETAILS
FOR FINING/SUSPENSION OF CEILING/SERVICES FROM THE REVERSE SIDE OF CEILING/SERVICES TO STRUCTURAL ENGINEER'S DETAILS AS SPECIFIED BY STRUCTURAL ENGINEER

P15 FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTENSIFIED PAINT APPLICATION GENERALLY TO EXPOSED COLUMNS AND PLASTERBOARD (OR SIMILAR) BARRING TO EXPOSED BR/ST/PS/PS (GENERALLY TO BEAMS AND CONCEALED COLUMNS) TO CEILING AND FLOOR JOINTS IN ROCK, MARBLE, WOOD OR SIMILAR. ALL IN ACCORDANCE WITH PART 8 OF THE UK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF 12.5MM PLASTERBOARD WITH STAGGERED JOINTS TO ACHIEVE A MINIMUM 100 TR.
MECHANICAL HEATING AND VENTILATION:
MECHANICAL HEATING AND VENTILATION DETAILS. SYSTEMS ANALYSIS A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE INTERNAL COURTYARD AS AN ALTERNATIVE COOLING AND HEAT RECOVERY SYSTEM FOR THE COURTYARD. THE SYSTEMS ANALYSIS WILL BE COMPLETED IN CONJUNCTION WITH THE MECHANICAL ENGINEER AND A COMBINATION OF INSULATION FACTS AND SUPPLY OPENINGS.
ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS
DRAINAGE ABOVE GROUND:
AS INDICATED BY GREEN ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. ALL EXPOSED PIPE WORK TO SECTION TBC
DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR INFORMATION ONLY AND ARE SUBJECT TO FINISH CLIENT REQUIREMENTS. THE POSITION OF THE WALLS, PARTITIONS AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN

FOR CONSTRUCTION

REV	DATE	amendments
A	31.01.14	ISSUED FOR CONSTRUCTION
B	14.02.14	EXTERNAL WALL REFS AMENDED
C	10.03.14	GENERAL UPDATE
D	11.04.14	GENERAL UPDATE

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CLIENT:
GOVERNMENT OF GIBALTAR
DEPARTMENT OF EDUCATION

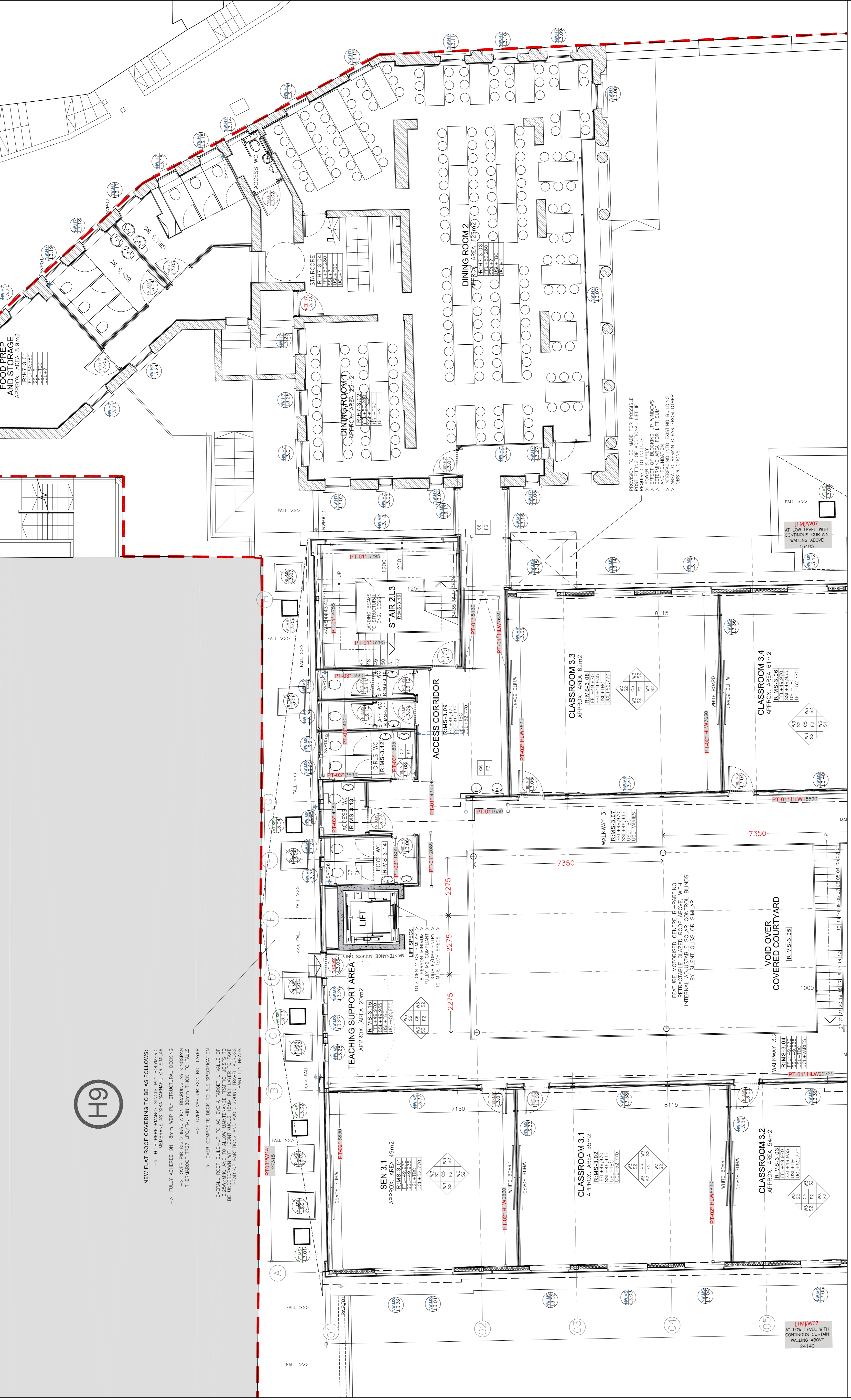
PROJECT:
ST BERNARDS SCHOOLS

DRAWING TITLE:
PROPOSED PLAN LEVEL 3
(MIDDLE SCHOOL PARTIAL LAYOUT 3 OF 4)

SCALE:
1:75@A1

JOB + DRG. REF. NO.:
G568[5-043]

REV:
D



ST BERNARDS - PROPOSED PLAN LEVEL 3
MIDDLE SCHOOL PARTIAL LAYOUT 3 OF 4
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-043]-CA-LVL-3-150
SCALE 1:75

CONSTRUCTION LEGEND:

TERMOARILLA (TM)	NBS F10/110
COMMON BLOCKWORK	NBS F10/250
FAIRFACE STONE WALLING	
REINFORCED CONCRETE	
EXISTING WALLS	
CLERESTORY H/V WINDOW (REF: XXXX)	

KEY TO DIMENSIONS [IN M.M] :
DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
DENOTES INTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
FFL+XX.XXX FINISHED FLOOR LEVEL
SSL+XX.XXX STRUCTURAL SLAB LEVEL
USL+XX.XXX U/S STRUCTURAL SOFFIT LEVEL
U/L+XX.XXX U/S FINISHED SOFFIT LEVEL
~XX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

WALL PARTITION LINING TYPE 1	FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GFC MEGACREBOARD ON 90°/100MM GFC STUD BY LAPARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION (C)
WALL PARTITION LINING TYPE 2	STANDARD EMULSION PAINTED P/B LINING 15MM GFC MEGACREBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD ON 90°/100MM GFC STUD BY LAPARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION (C)
WALL PARTITION LINING TYPE 3	FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GFC MEGACREBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD ON 90°/100MM GFC STUD BY LAPARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION (C)
WALL LINING TYPE 4	FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GFC MEGACREBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD ON 90°/100MM GFC STUD BY LAPARE OR SIMILAR, WITH 50MM 19KG/AZ ACOUSTIC INSULATION (C)
WALL LINING TYPE 5	FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 12.5MM GFC MEGACREBOARD BY LAPARE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
M10/112	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
M10/105	C03	STANDARD EMULSION PAINTED P/B LINING
M10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600060 DEMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	MODULAR ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	600600 MOISTURE RESISTANT GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKIRTING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P20/120	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

WALL FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	W01	PAINTED MASONRY/CONCRETE BLOCKS/WALLS
M60/111	W02	PAINTED RENDER FINISH
M60/100	W03	WASHABLE EMULSION PAINTED LINING
M60/101	W04	MOISTURE RESISTANT PAINTED LINING
XX	W05	MIRROR ON PLYWOOD BACKING
M21/210	W06	FULL HEIGHT CERAMIC WALL TILING
M20/160	W07	ELASTOMERIC S/COLOR RENDUR FINISH OVER INSULATION
M60/170	W08	EASTOMERIC S/COLOR RENDUR FINISH OVER EXISTING WALLS
SPECIALIST	W09	SJKA GLAZD WATER REPELLANT IMPREGINATION TO STONE WALLS
K32/120	W10	SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
M60/170	W11	SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
M40/111	W12	SELF FINISH ACOUSTIC LINING BOARD
M40/111	W13	CERAMIC TILING TO APPROX. 2M HEIGHT + W3 ABOVE
M20/160	W14	EASTOMERIC S/COLOR RENDUR FINISH OVER GFC AQUAREBOARD

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON-SLIP CERAMIC FLOOR TILING
M12/110	F02	SJKA STANDARD COMFORT RESIN FLOOR
M12/111	F03	SJKA NON-SLIP COMFORT RESIN FLOOR
M12/112	F04	SJKA PRO-COMFORT RESIN FLOOR
M12/115	F05	SJKA 264 2 PART EPOXY RESIN
N10/300	F06	BRENCO LUSA VOLCANO 40058X70MM
M12/115	F07	BARRIER ENTRANCE MATTING
K21/141	F08	4.5MM UPVC PARALOX(HS) SPORTS FLR
M12/114	F09	SJKA PULASTIC POLYURETHANE FLOOR
M12/115	F10	SJKA REGUPOL SHOOPAD FLOORING
L10/460	F11	WALK ON GLASS/ROOF LIGHTS
M50/150	F12	NON-SLIP VINYL
M50/150	F13	NOM. 100MM DRAINED RUBBER CRUMB
	F14	HIGH QUALITY POWER FLOATED CONCRETE

NEW FLAT ROOF COVERING TO BE AS FOLLOWS:
-> HIGH PERFORMANCE SINGLE PLY POLYMERIC MEMBRANE AS SJKA SANAFLOR OR SIMILAR
-> FULLY ADHERED ON 15mm WEP FV STRUCTURAL TECHING
-> OVER PIR RIGID INSULATION BARRING AS KINSSPAN THEMADOP 1127 (D/74) MIN 50mm THICK TO FALLS
-> OVER VAPOUR CONTROL LAYER
-> OVER COMPOSITE DECK TO S.E SPECIFICATION
OVERALL ROOF BUILD-UP TO ACHIEVE A TARGET U VALUE OF 0.23W/M2K TO LOW MAINTENANCE FINISH JOISTS TO BE SHIMMED AND TO FOLLOW MAINTENANCE PARTY ACCESS TO HEAD OF PARTITIONS AND AVOID SOUND TRAVEL ACROSS PARTITION HEADS

NOTES:
DO NOT SCALE OFF THIS DRAWING. CHECK DIMENSIONS ON SITE PRIOR TO COMMENCEMENT. THIS DRAWING IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WITHOUT PERMISSION OF WSRM ARCHITECTS LTD. TO BE READ IN CONJUNCTION WITH OTHER RELEVANT CONSULTANT'S INFORMATION.

GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

- GROUND WORKS**
C20 DEMOLITIONS
D20 EXCAVATING AND FILLING
INSITU CONCRETE/LAKE PRECAST CONCRETE
E05 INSITU CONCRETE CONSTRUCTION GENERALLY
E10 INSITU CONCRETE MAKES, CASTING AND CURING
E20 FORM FOR INSITU CONCRETE
E30 REINFORCEMENT FOR INSITU CONCRETE
E40 DESIGNED JOINTS IN INSITU CONCRETE
E41 WORKED FINISHES TO INSITU CONCRETE
E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF BEAMS
CONSERVATION OF FUEL AND POWER:
BUILDING INSULATION TO BE GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.25W/M2K MIN.
- FLOORS < 0.25W/M2K MIN.
- ROOFS < 0.25W/M2K MIN.

- ACCESSORIES /SKINNES FOR BRICK / BLOCK / STONE WALLING**
F30 WALL TIES TO DD 14:02 TYPE 1 IN STAINLESS STEEL FROM BRICK OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER
PRESERVE AND REINSTATE EXISTING STEEL LINTELS TO BRICKWORK - TO STRUCTURAL ENGINEER'S DETAILS

- STRUCTURAL / CROSSING / METAL / TIMBER**
C10 STRUCTURAL STEEL FRAMING
C12 ISOLATED STRUCTURAL METAL MEMBERS
G20 CARPENTRY / TIMBER FRAMING / FIRST FIXES
G30 METAL PROFILED SHEET DECKING

- P12 FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF INTUMESCENT PAINT APPLICATION (GENERALLY TO EXPOSED COLUMNS) AND PLASTERBOARD (OR SIMILAR) BONDING TO COLUMNS TO PROVIDE A MINIMUM 1HR FIRE RESISTANCE TO INCLUDE CAVITY BARRIERS AND FIRE STOPPING AS REQUIRED TO CEILING AND FLOOR JOINTS IN ROCK MINERAL WOOL OR BUILDING REGULATIONS. TO LIGHT GAUGE STEEL WORK FRAME ON THE THIRD FLOOR ALLOW FOR 2 LAYERS OF INSULATION TO BE INSTALLED TO ACHIEVE A MINIMUM 1HR FR.

MECHANICAL HEATING AND VENTILATION:
TO M+E ENGINEER'S DESIGN AND DETAILS. SYSTEM INCLUDES A HOLISTIC PASSIVE NATURAL VENTILATION STRATEGY USING THE BUILDING'S MASS AND THERMAL INERTIA TO STORE HEAT DURING THE DAY AND RELEASE IT AT NIGHT TO MAINTAIN A COMFORTABLE AMBIENT TEMPERATURE. CONTROLLED WATER AND A COMBINATION OF VENTILATION DUCTS AND SUPPLY OPENINGS.

ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS
DRAINAGE ABOVE GROUND:
AS INDICATED ON WORK DRAWINGS AND TO MAINTAIN A MINIMUM 1% FALL TO THE OUTLET. TO BE PVC COATED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION 100.
DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT [GENERAL NOTE]:
WORKS TO BE COMPLETED BY THE CONTRACTOR FOR THE PROJECT PURPOSES AND ARE STILL SUBJECT TO FINAL CLIENT APPROVAL. CONTRACTOR IS TO ALLOW FOR ALL CONSULTANTS AND FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN.

FOR CONSTRUCTION

REV	DATE	AMENDMENTS
A	31.01.14	ISSUED FOR CONSTRUCTION
B	14.02.14	EXTERNAL WALL REFS AMENDED
C	11.04.14	GENERAL UPDATE
D		

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**GOVERNMENT OF GIBRALTAR
DEPARTMENT OF EDUCATION**

PROJECT: ST BERNARDS SCHOOLS

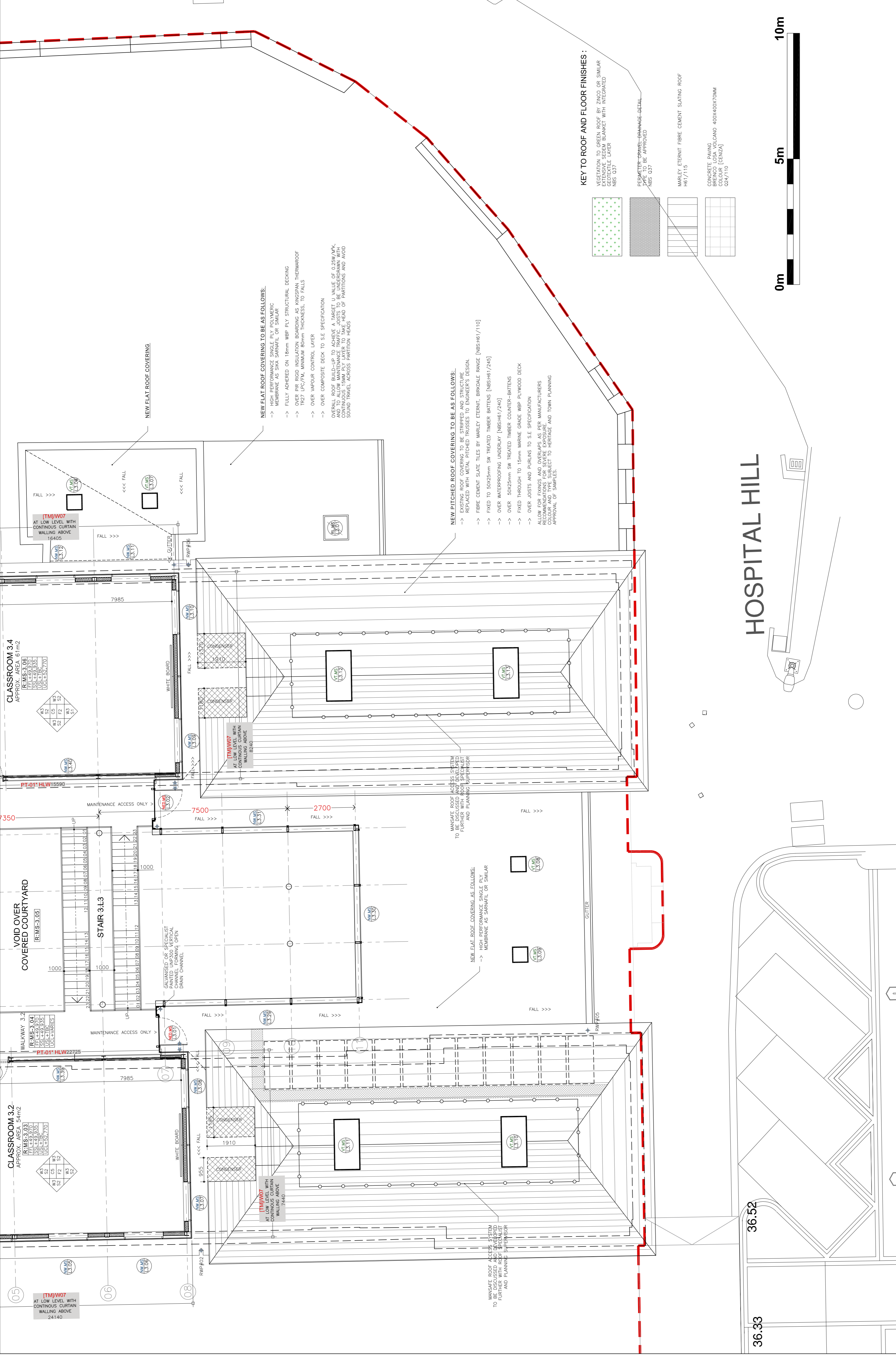
DRAWING TITLE: PROPOSED PLAN LEVEL 3 (MIDDLE SCHOOL PARTIAL LAYOUT 4 OF 4)

SCALE: 1:750

DATE: 28.11.13

JOB + DRG REF No.: G568[5-044]

REV: D



ST BERNARDS - PROPOSED PLAN LEVEL 3
MIDDLE SCHOOL PARTIAL LAYOUT 4 OF 4
FOR GENERAL LOCATION REFER TO : WSRM DRG NO. G568[5-044]-GA-LVL-3-150
SCALE 1:75

CONSTRUCTION LEGEND:

- TERMARCOLLA (TM) NBS F10/110
- COMMON BLOCKWORK NBS F10/250
- FAIRFACE STONE WALLING
- REINFORCED CONCRETE
- EXISTING WALLS
- PT-02-HLV - CLEARESTORY H/V WINDOW (REF: XXXX)

KEY TO DIMENSIONS [IN M.M.] :

- 1450 → DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 → DENOTES EXTERNAL DIMENSIONS TO STRUCTURE [1ST FIX]
- 1450 → DENOTES INTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
- FFL+XX.XXX → FINISHED FLOOR LEVEL
- SSL+XX.XXX → STRUCTURAL SLAB LEVEL
- USL+XX.XXX → U/S STRUCTURAL SOFFIT LEVEL
- UCL+XX.XXX → U/S FINISHED LINING LEVEL
- ~XX.XXX → EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

- PT-01 - WALL PARTITION LINING TYPE 1: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GYPC MEGABOARD ON 90/160GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION []
- PT-02 - WALL PARTITION LINING TYPE 2: STANDARD EMULSION PAINTED P/B LINING 15MM GYPC MEGABOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/160GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION []
- PT-03 - WALL PARTITION LINING TYPE 3: MODULAR ACUSTIC GRID CEILING SYSTEM 60X60X12.5MM GYPC AQUABOARD/OVER 15MM EXTERNAL QUALITY FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] PLYWOOD ON 90/160GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION []
- PT-04 - WALL LINING TYPE 4: FULL HEIGHT CERAMIC WALL TILING 60X60X12.5MM GYPC AQUABOARD/OVER 15MM EXTERNAL QUALITY FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GYPC MEGABOARD ON 90/160GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION []
- PT-05 - WALL LINING TYPE 5: FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 12.5MM GYPC MEGABOARD BY LAFARGE OR SIMILAR, ON DAMS WITH MIN. 4 MECHANICAL FIXING/BOARD

KEY TO WALL LINING CONSTRUCTION (CONTINUED):

- PT-06 - WALL PARTITION LINING TYPE 1: SELF FINISH/PAINTED CONCRETE SOFFIT
- PT-07 - WALL PARTITION LINING TYPE 2: ACUSTIC PAINTED PLASTERBOARD LINING
- PT-08 - WALL PARTITION LINING TYPE 3: STANDARD EMULSION PAINTED P/B LINING
- PT-09 - WALL PARTITION LINING TYPE 4: MOISTURE RESISTANT PAINTED P/B LINING
- PT-10 - WALL PARTITION LINING TYPE 5: 60X60X12.5MM GYPC AQUABOARD OVER 15MM EXTERNAL QUALITY FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] 15MM GYPC MEGABOARD ON 90/160GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION []
- PT-11 - WALL PARTITION LINING TYPE 6: MODULAR ACUSTIC GRID CEILING SYSTEM
- PT-12 - WALL PARTITION LINING TYPE 7: 60X60X12.5MM GYPC AQUABOARD/OVER 15MM EXTERNAL QUALITY FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] PLYWOOD ON 90/160GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION []
- PT-13 - WALL PARTITION LINING TYPE 8: FULL HEIGHT CERAMIC WALL TILING
- PT-14 - WALL PARTITION LINING TYPE 9: ELASTOMERIC S/COLOUR RENDER FINISH OVER EXISTING WALLS
- PT-15 - WALL PARTITION LINING TYPE 10: ELASTOMERIC S/COLOUR RENDER FINISH OVER EXISTING WALLS
- PT-16 - WALL PARTITION LINING TYPE 11: Sika GUARD WATER REPELLANT IMPREGNATION TO STONE WALLS
- PT-17 - WALL PARTITION LINING TYPE 12: SPECIALIST TREATMENT TO EXISTING HERITAGE FEATURES
- PT-18 - WALL PARTITION LINING TYPE 13: SELF FINISH HIGH PRESSURE SOLID CORE RESIN LAMINATE
- PT-19 - WALL PARTITION LINING TYPE 14: NON-SUP VINYL
- PT-20 - WALL PARTITION LINING TYPE 15: NOM. 100MM DRAINED RUBBER CRUMB
- PT-21 - WALL PARTITION LINING TYPE 16: HIGH QUALITY POWER FLOATED CONCRETE

FLOOR FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M40/110	F01	NON-SUP CERAMIC FLOOR TILING
M12/110	F02	Sika STANDARD COMFORT RESIN FLOOR
M12/111	F03	Sika NON-SUP COMFORT RESIN FLOOR
M12/112	F04	Sika PRO-COMFORT RESIN FLOOR
M12/113	F05	Sika 264 2 PART EPOXY RESIN
N10/300	F06	BRENCO LOSA VOLCANO 4005X70MM
K21/141	F07	BARRIER ENTRANCE MATTING
M12/114	F08	4.5MM UPVC DRAPEX[45] SPORTS FLR
M12/115	F09	Sika PULASTIC POLYURETHANE FLOOR
L10/460	F10	Sika REGUPOL SHOOKPAD FLOORING
M50/150	F11	WALK ON GLASS/ROOF LIGHTS
	F12	NON-SUP VINYL
	F13	NOM. 100MM DRAINED RUBBER CRUMB
	F14	HIGH QUALITY POWER FLOATED CONCRETE

CEILING FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112	C02	ACUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	60X60X12.5MM GYPC AQUABOARD OVER 15MM EXTERNAL QUALITY FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] PLYWOOD ON 90/160GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION []
K40/107	C06	MODULAR ACUSTIC GRID CEILING SYSTEM
K40/106	C07	60X60X12.5MM GYPC AQUABOARD/OVER 15MM EXTERNAL QUALITY FEATHERED EDGE TAPED AND JOINTED [READY FOR PAINTING] PLYWOOD ON 90/160GTC STUD BY LAFARGE OR SIMILAR, WITH 50MM 19KG/M2 ACUSTIC INSULATION []
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKirting FINISHES:

NBS REF.	DRG REF.	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P40/120	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

NOTES:
DO NOT SCALE OFF THIS DRAWING. CHECK DIMENSIONS ON SITE PRIOR TO COMMENCEMENT. THIS DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR CONSTRUCTION WITHOUT PERMISSION OF WSRM ARCHITECTS LTD. TO BE READ IN CONJUNCTION WITH OTHER RELEVANT CONSULTANTS INFORMATION.

GENERAL NOTES:
FOR FINISHES AND COLOURS REFER TO WSRM ROOM DATA SHEETS LEVELS TO TOP OF STEEL AS SHOWN ON ENGINEER'S DRAWING

GROUND WORKS
C20 DEMOLITIONS REFER TO WSRM DRGS (???? SERIES) AND STRUCTURAL ENGINEER'S DETAILS
D20 EXCAVATING AND FILLING SEE WSRM SECTIONS AND STRUCTURAL ENGINEER'S DETAILS
E05 INSTU CONCRETE/LARGE PRECAST CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E10 INSTU CONCRETE MAKES, CASTING AND CURING TO STRUCTURAL ENGINEER'S DETAILS
E20 FORM FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E30 REINFORCEMENT FOR INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E40 DESIGNED JOINTS IN INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E41 WORKED FINISHES TO INSTU CONCRETE TO STRUCTURAL ENGINEER'S DETAILS
E60 PRECAST/COMPOSITE CONCRETE FLOORS/ROOF DECKS TO STRUCTURAL ENGINEER'S DETAILS

CONSERVATION OF FUEL AND POWER:
BUILDING INSULATION TO BE GENERALLY AS FOLLOWS:
- EXPOSED WALLS < 0.25W/M2K MIN.
- FLOORS < 0.25W/M2K MIN. TO CONDITIONED FLOOR PLATES

ACCESSORIES /SUNSCREENS FOR BLOCK / BLOCK / STONE WALLING
F30 WALL TIES TO OS 145/975 TYPE IN STEEL BRASS SET FROM ANCHOR OR SIMILAR APPROVED AS DETERMINED BY STRUCTURAL ENGINEER

STRUCTURAL / CARCASSING / METAL / TIMBER
G10 PRECAST CONCRETE AND PREPARATED STEEL LINTELS TO BS9778PT2 - TO STRUCTURAL ENGINEER'S DETAILS
G11 STRUCTURAL STEEL FRAMING TO STRUCTURAL ENGINEER'S DETAILS
G12 ISOLATED STRUCTURAL METAL WALLS TO STRUCTURAL ENGINEER'S DETAILS
G20 CARCASSERY / TIMBER FRAMING / FIRST FIXING TO STRUCTURAL ENGINEER'S DETAILS
G30 METAL BRACKETED SHEET DECKING FOR FINISH/SUSPENSION OF CEILING/SERVICES FROM THE UNDERSIDE OF THE STEEL LINER USE PROPRIETARY SYSTEM OR AS SPECIFIED BY STRUCTURAL ENGINEER

P12 FIRE PROTECTION TO PRIMARY STEELWORK TO BE COMBINATION OF 125MM PLASTERBOARD OVER 125MM BRICK OR 125MM BRICK OVER 125MM PLASTERBOARD (FOR SHARED) BOWING TO BS9778PT2 (GENERALLY TO BEAMS AND CONCEALED COLUMNS) TO STRUCTURAL ENGINEER'S DETAILS. ALL WORKING TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL WORKING TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL WORKING TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

MECHANICAL HEATING AND VENTILATION:
TO M+E ENGINEER'S DESIGN AND DETAILS. SYSTEM INCLUDES A SOURCE USING UNDERFLOOR PIPED TEMPERATURE CONTROLLED INTERNAL COURT/YARD AS AN ALTERNATIVE COOLING AND HEAT SOURCE USING UNDERFLOOR PIPED TEMPERATURE CONTROLLED SUPPLY OPENINGS.

ELECTRICAL WORK:
TO M+E ENGINEER'S DESIGN AND DETAILS

DRAINAGE ABOVE GROUND:
AS INDICATED ON WSRM DRAWINGS AND TO M+E ENGINEER'S DESIGN AND DETAILS. ALL EXPOSED PIPE WORK TO BE GALVANIZED ALUMINIUM IN COLOUR AND PIPE SIZE AND SECTION TO BE AS SPECIFIED BY M+E ENGINEER.

DRAINAGE BELOW GROUND:
TO M+E ENGINEER'S DESIGN AND DETAILS

FITTING OUT (GENERAL NOTE):
POSITIONS OF WHITE BOARDS ARE SHOWN INDICATIVELY FOR PRICING PURPOSES AND ARE STILL SUBJECT TO FINAL CLIENT REQUIREMENTS. ALL WORKING TO BE COMPLETED PRIOR TO FIRST FIX INSTALLATION FOR ALL POSSIBLE ALTERNATIVE LOCATIONS SHOWN.

FOR CONSTRUCTION

REV	DATE	AMENDMENTS
A	31.01.14	ISSUED FOR CONSTRUCTION
B	26.03.14	DRAINAGE/FALLS TO ROOF REVIEWED
C	11.04.14	GENERAL UPDATE

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**GOVERNMENT OF GIBRALTAR
DEPARTMENT OF EDUCATION**

PROJECT: ST BERNARDS SCHOOLS

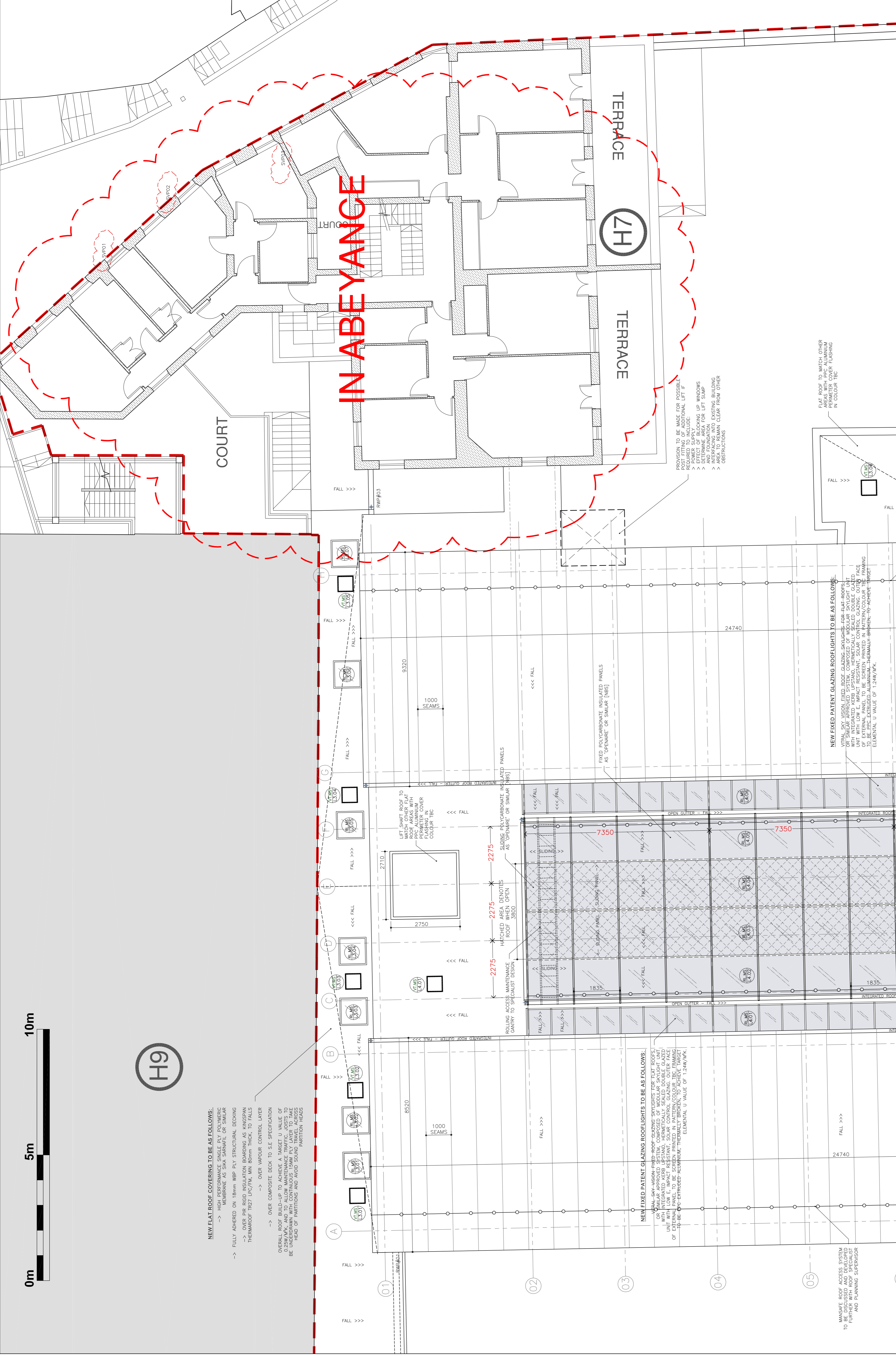
DRAWING TITLE: PROPOSED ROOF PLAN (MIDDLE SCHOOL PARTIAL LAYOUT 1 OF 2)

SCALE: 1:75@A1

JOB + DRG REF No: G568[5-05]1

REV: C

DATE: 02.01.14



ST BERNARDS - PROPOSED ROOF PLAN
MIDDLE SCHOOL PARTIAL LAYOUT 1 OF 2
FOR GENERAL LOCATION REFER TO :
WSRM DRG NO. G568[5-05]1-CA-LVL-4-150
SCALE 1:75

CONSTRUCTION LEGEND:

[Symbol]	TERMOARCILLA (TM)	NBS F10/110
[Symbol]	COMMON BLOCKWORK	NBS F10/260
[Symbol]	FAIRFACE STONE WALLING	
[Symbol]	REINFORCED CONCRETE	
[Symbol]	EXISTING WALLS	
[Symbol]	CLERESTORY H/V WINDOW (REF: XXXX)	

KEY TO DIMENSIONS [IN M.M.] :
 - 1450 → DENOTES CRITICAL DIMENSIONS TO STRUCTURE [1ST FIX]
 - 1450 → DENOTES INTERNAL DIMENSIONS FINISH TO FINISH [2ND FIX]
 - FFL+XX.XXX FINISHED FLOOR LEVEL
 - SSL+XX.XXX STRUCTURAL SLAB LEVEL
 - U/L+XX.XXX U/S STRUCTURAL SOFFIT LEVEL
 - ~.XX.XXX EXISTING FLOOR LEVELS [APPROX.]

KEY TO WALL LINING CONSTRUCTION :

[Symbol]	WALL PARTITION LINING TYPE 1	FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 15MM GYEC MEGACOREBOARD ON 90/100MM GYEC STUD BY LAPARCE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION []
[Symbol]	WALL PARTITION LINING TYPE 2	15MM GYEC MEGACOREBOARD OVER 15MM EXTERNAL QUALITY PLYWOOD LINING ON 90/100MM GYEC STUD BY LAPARCE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION []
[Symbol]	WALL PARTITION LINING TYPE 3	PLYWOOD LINING ON 90/100MM GYEC STUD BY LAPARCE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION []
[Symbol]	WALL LINING TYPE 4	PLYWOOD LINING ON 90/100MM GYEC STUD BY LAPARCE OR SIMILAR, WITH 50MM 19KG/M2 ACOUSTIC INSULATION []
[Symbol]	WALL LINING TYPE 5	FEATHERED EDGE TAPED AND JOINTED (READY FOR PAINTING) 12.5MM GYEC MEGACOREBOARD BY LAPARCE OR SIMILAR, ON DABS WITH MIN. 4 MECHANICAL FIXING/BOARD

CEILING FINISHES:

NBS REF:	DRG REF:	DESCRIPTION OF FINISHES:
M60/110	C01	SELF FINISH/PAINTED CONCRETE SOFFIT
K10/112	C02	ACOUSTIC PAINTED PLASTERBOARD LINING
K10/105	C03	STANDARD EMULSION PAINTED P/B LINING
K10/106	C04	MOISTURE RESISTANT PAINTED P/B LINING
K40/105/108	C05	600x600 DEMOUNTABLE GRID CEILING SYSTEM
K40/107	C06	MODULAR ACOUSTIC GRID CEILING SYSTEM
K40/106	C07	600x600 MOISTURE RESIST GRID CEILING SYSTEM
M20/160	C08	RENDERED EXTERNAL SOFFIT CLADDING BOARD

SKIRTING FINISHES:

NBS REF:	DRG REF:	DESCRIPTION OF FINISHES:
P20/120	S01	SURFACE MOUNTED PAINTED MDF BOARD
P20/120	S02	RECESSED PAINTED MDF BOARD
M40/111	S03	CERAMIC TILE
M50/150	S04	COVERED VINYL SKIRTING

FLOOR FINISHES:

NBS REF:	DRG REF:	DESCRIPTION OF FINISHES:
M40/110	F01	NON SLIP CERAMIC FLOOR TILING
M12/110	F02	PAINTED MASONRY/CONCRETE BLOCKS/WALLS
M12/111	F03	PAINTED RENDER FINISH
M12/111	F04	WASHABLE EMULSION PAINTED LINING
M12/112	F05	MOISTURE RESISTANT PAINTED LINING
M12/113	F06	MIRROR ON PLYWOOD BACKING
N10/300	F07	FULL HEIGHT CERAMIC WALL TILING
K21/141	F08	ELASTOMERIC S/COLOUR RENDER FINISH OVER EXISTING WALLS
M12/114	F09	4.5MM UPVC PARALEX(HS) SPORTS FLR
M12/115	F10	SKIA PULASTIC POLYURETHANE FLOOR
L10/460	F11	SKIA REGUPOL SHOOPAD FLOORING
M50/150	F12	WALK ON GLASS/ROOF LIGHTS
	F13	NON-SLIP VINYL
	F14	HIGH QUALITY POWER FLOATED CONCRETE

NEW FLAT ROOF COVERING TO BE AS FOLLOWS:
 -> HIGH PERFORMANCE SINGLE PLY POLYMERIC MEMBRANE AS SKIA SARMAFL OR SIMILAR
 -> FULLY ADHERED ON 18mm WBP RLY STRUCTURAL DECKING
 -> OVER PER RIGID INSULATION BOARDING AS KINGSPAN THERMADOF 1R27 LFC/PM, MIN 80mm THICK, TO FALLS OVER VARIOUS CONTROL LAYER
 -> OVER COMPOSITE DECK TO S.E. SPECIFICATION
 OVERALL ROOF BUILD-UP TO ACHIEVE A TARGET U VALUE OF 0.25W/M2K, AND TO ALLOW MAINTENANCE TRAFFIC JOISTS TO BE UNDER INSULATION BOARDING. ALL WORKING TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL WORKING TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL WORKING TO BE COMPLETED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

NEW FIXED PATENT GLAZING ROOFLIGHTS TO BE AS FOLLOWS:
 METAL SKY VISION FIXED ROOF GLAZING SYSTEM FOR FLAT ROOFS OR SIMILAR APPROVED SYSTEM, COMPOSED OF MODULAR SKYLIGHT UNIT WITH INTEGRATED KERB UPSTAND, HERMETICALLY SEALED DOUBLE GLAZED UNIT WITH LOW E, IMPACT RESISTANT, SOLAR CONTROL GLAZING OUTER FACE TO BE EPIC EXTRUDED ALUMINIUM-THERMALLY-BROKEN-TO-ACHIEVE TARGET ELEMENTAL U VALUE OF 1.24W/M2K.