GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.

THE SITE BOUNDARY IS OUTLINED IN RED
THE PROPOSED EXTENSION & RAMP ARE OUTLINED IN BLUE

SITE BOUNDARY IS OUTLINE IN RED

PROPOSED EXTENSION WHICH IS THE SUBJECT OF THIS PLANING APPLICATION, FOR DETAILS REFER TO THE ACCOMPANYING DRAWINGS

EXISTING SCHOOL BUILDING

EXISTING PUBLIC FOOTPATH

EXISTING MACADAM DRIVEWAY

EXISTING VEHICULAR ENTRANCE

EXISTING STAFF PARKING AREA

EXISTING BOUNDARY WALL

EXISTING CANOPY ROOF

EXISTING PEDESTRIAN ENTRANCE

EXISTING STEPS

EXISTING SCHOOL BUS SET DOWN

PROPOSED SURFACE WATER SOAK-AWAY

PROPOSED RAMP & LANDING MACADAM AREA

TO EXISTING PUBLIC SEWER

EXISTING PATH

EXISTING PEDESTRIAN ENTRANCE

EXISTING PUBLIC ROAD (R752)

EXISTING ROAD EDGES

GRASSED AREA

PLAYGROUND

DRIVEWAY

STAFF PARKING

FLAT ROOF
Floor Level 115.34

EXISTING SCHOOL

BUS SET DOWN

Spot Level 115.39
Spot Level 115.26
Spot Level 115.50
Spot Level 115.00
Spot Level 114.14
Spot Level 112.32
Spot Level 100.13
Spot Level 114.85
Spot Level 115.04
Spot Level 114.72
Spot Level 124.30
Spot Level 122.80
Spot Level 121.22
Spot Level 100.00

40488
114755
71657
27696
27946
5750
32899
32342
26712
54364
5927
61994
14461

NORTH

Proposed Site Layout Plan
Scale:1:500

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

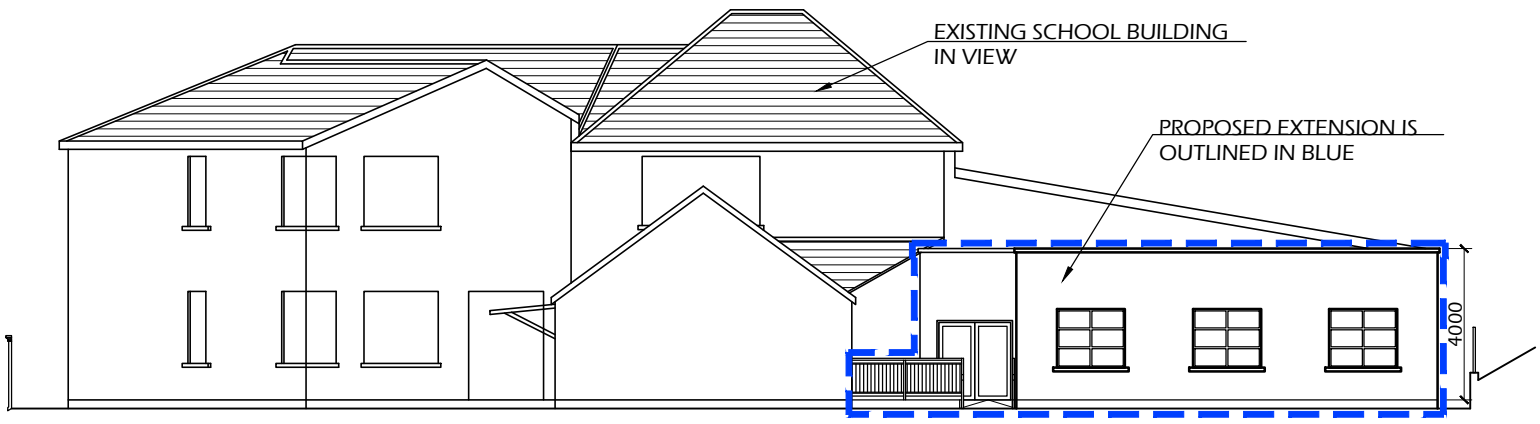
CLIENT: The Board of Management

ADDRESS: Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

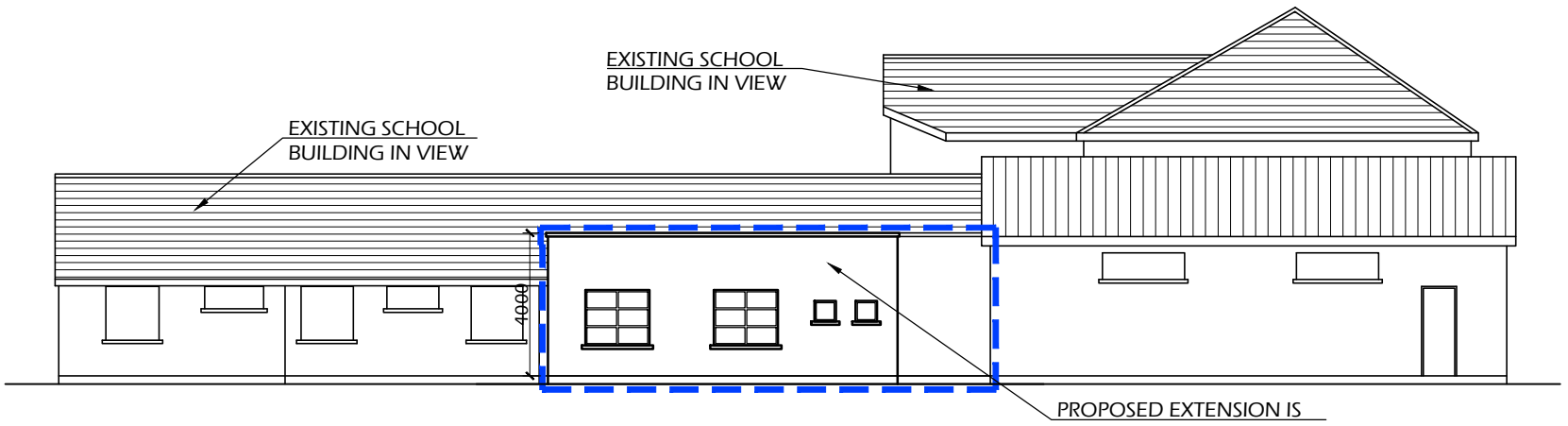
DRAWING: Proposed Site Layout Plan

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T01

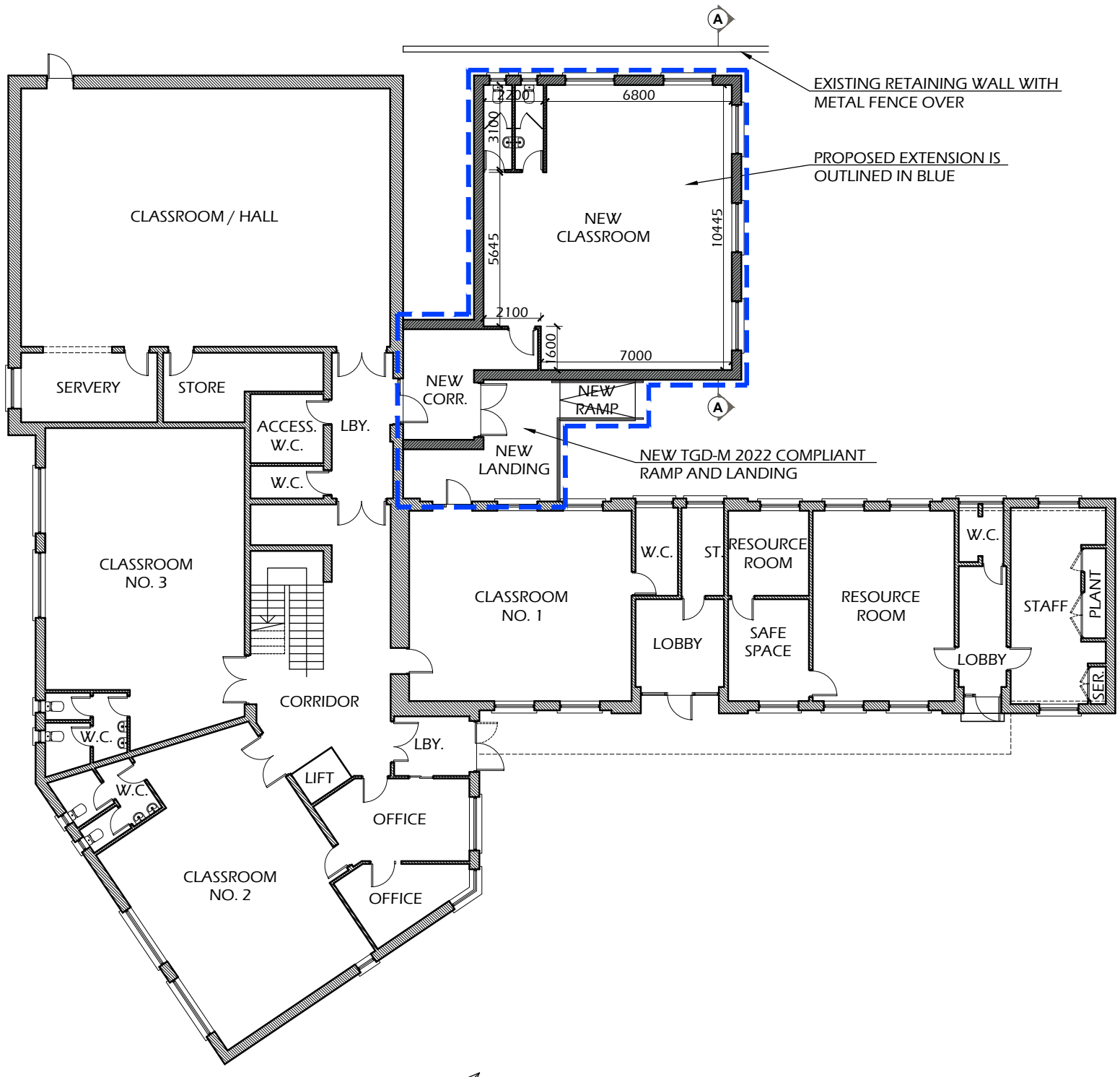
GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.



Proposed Northeast Contiguous Elevation
Scale:1:200



Proposed Northwest Contiguous Elevation
Scale:1:200



Proosed Ground Floor Plan
Scale:1:200

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

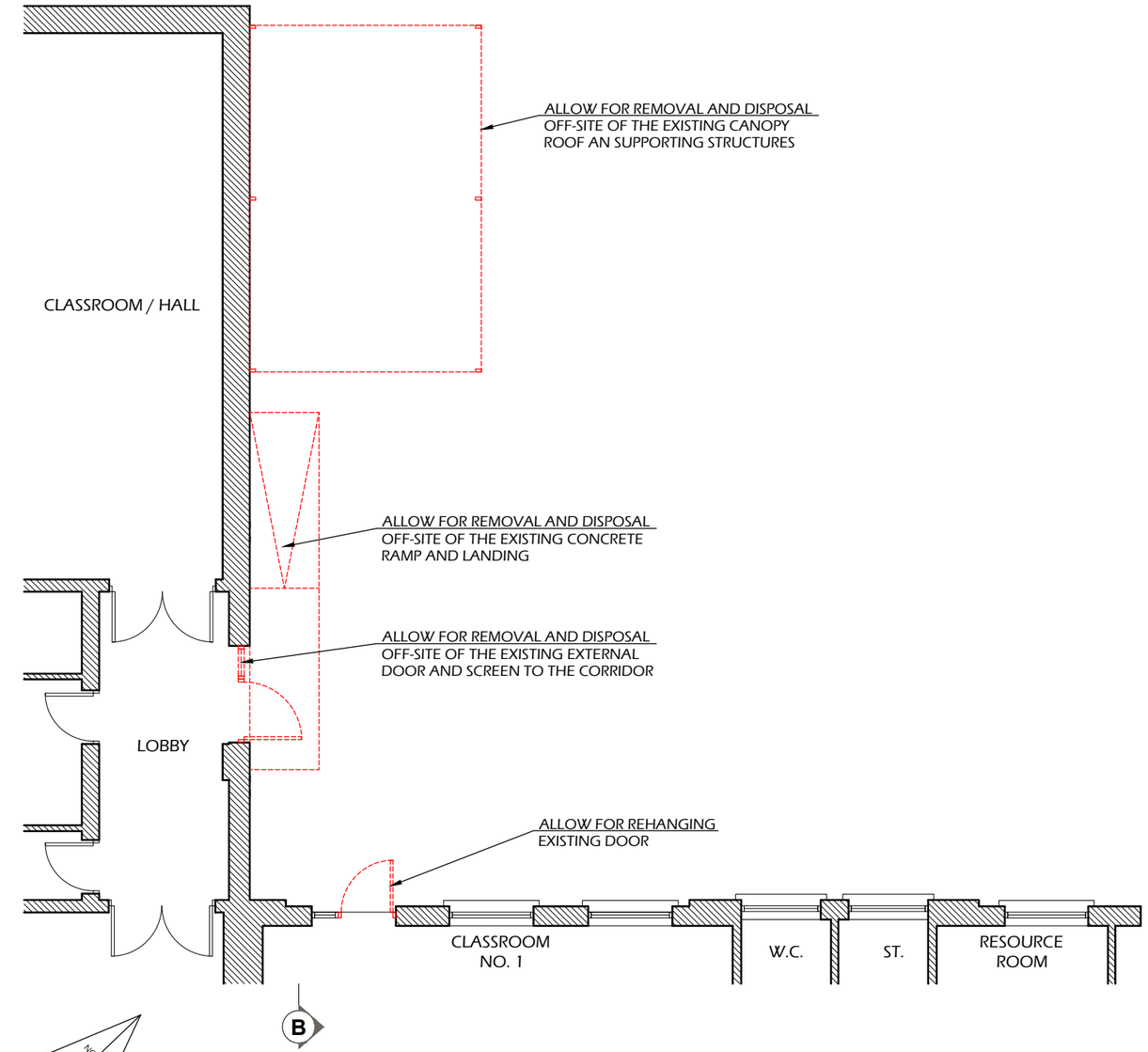
CLIENT:
The Board of Management

ADDRESS:
Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

DRAWING:
Proposed Ground Floor Plan & Elevations

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T02

GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.



Ground Floor Plan - Demolition
Scale:1:100

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

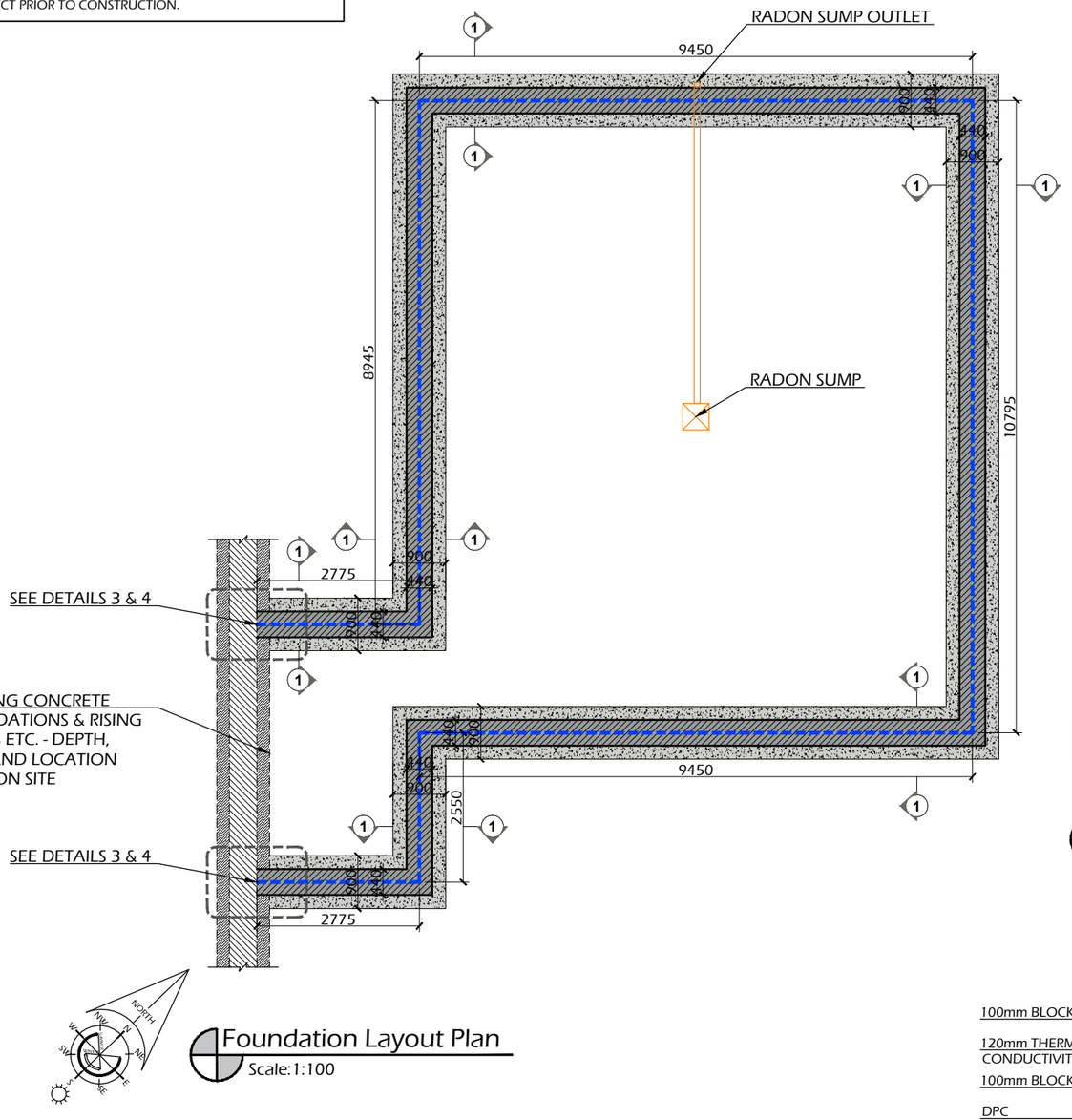
CLIENT:
The Board of Management

ADDRESS:
Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

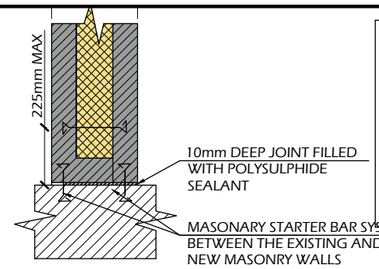
DRAWING:
Ground Floor Plan - Demolition

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T03

GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.

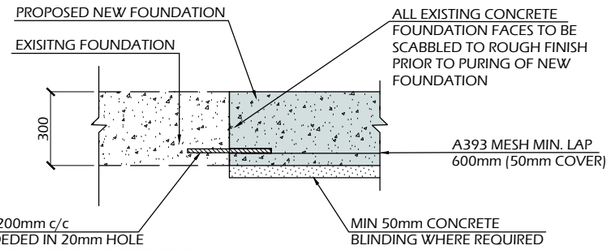


Foundation Layout Plan
Scale:1:100



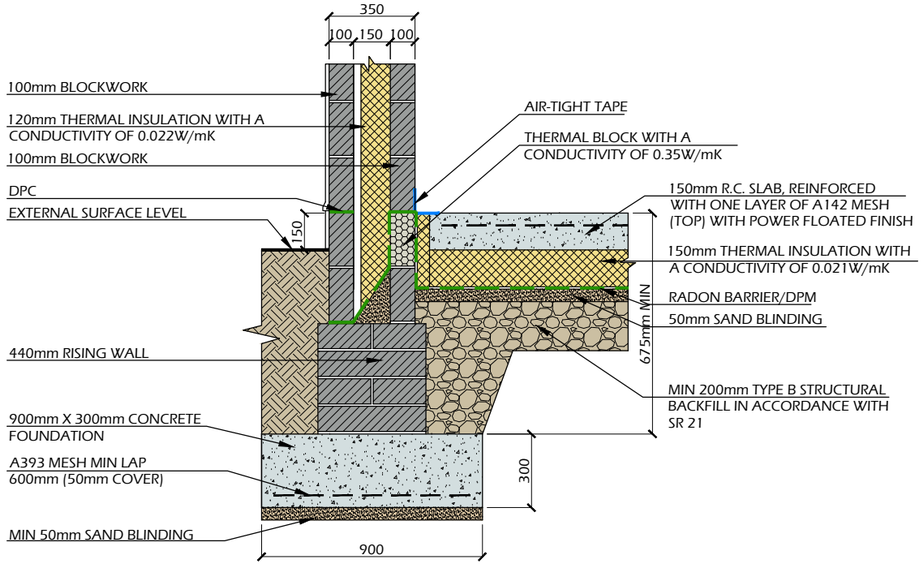
LEGEND
RISING WALLS
CONCRETE FOUNDATION
CENTRE LINE OF FOUNDATION

Connection detail between existing and proposed masonry wall
3 Scale 1:25



NOTE: DETAIL DRAWN ASSUMING EXISTING FOUNDATION FORMATION LEVEL MATCHES THAT OF PROPOSED NEW FORMATION LEVEL. ENGINEER TO INSPECT EXISTING FOUNDATION ONCE EXPOSED ON-SITE. NEW DETAIL MAY BE REQUIRED DEPENDING ON DEPTH FOUND

Existing to new foundation connection
4 Scale 1:25



Foundation Detail
1 Scale 1:25

FOUNDATION NOTES:
1. CONCRETE TO HAVE A MINIMUM CRUSHING STRENGTH OF 35N/sq.mm AT 28 DAYS. CONCRETE BINDING TO BE GRADE C12/15.
2. REINFORCEMENT TO HAVE A MINIMUM COVER OF 50mm UNLESS NOTED OTHERWISE.
3. ALL REINFORCING STEEL IS TO CONFORM TO BS8666.2000, 'SPECIFICATION FOR SCHEDULING, DIMENSIONING, BENDING AND CUTTING OF REINFORCING STEELS'.
4. FOUNDATION BASES TO BE CAST ON SOIL HAVING A BEARING PRESSURE OF 125kN/sq.m.. IN THE EVENT OF SOFT OR INFERIOR SOIL THE ENGINEER IS TO BE CONTACTED BEFORE POURING OF BASES.
5. FOUNDATION FORMATION LEVEL IS TO BE MINIMUM 675mm BELOW FINISHED FLOOR LEVEL. FORMATION LEVEL IS SUBJECT TO ENGINEERS INSPECTION ONCE OPENING-UP/GOUNDWORK HAVE COMMENCED.
6. ALL SOFT POCKETS TO BE REMOVED AND BACK FILLED WITH LEANMIX. CONCRETE 15N/sq.mm.
7. ALL BLOCKWORK TO BE 7N STRENGTH TO TGD PART A.
8. MORTAR TO COMPLY WITH IS EN 998-2, 1:1:6, CEMENT, LIME, SAND, OR 1:6 CEMENT, SAND WITH PLASTICISER.
9. ALL GRANULAR FILL MATERIAL FOR USE UNDER CONCRETE FLOORS AND FOOTPATHS TO BE IN ACCORDANCE WITH S.R.21-ANNEX E: 2016
10. ALL JOINTS IN THE FLOOR INSULATION AND ALONG THE PERIMETER WALL INSULATION TO BE TAPED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

BLOCKWORK NOTES:
1. ALL BLOCKWORK TO BE 7.5N STRENGTH TO TGD PART A.
2. MORTAR TO COMPLY WITH IS EN 998-2, 1:1:6, CEMENT, LIME, SAND, OR 1:6 CEMENT, SAND WITH PLASTICISER.
3. STAINLESS STEEL WALL TIES TO BE INSTALLED AT 4.9 TIES PER SQUARE METRE. WALL TIES TO COMPLY WITH IS EN 845 SPECIFICATION FOR ANCILLARY COMPONENTS FOR MASONRY PART 1 2003. WALL TIE TO HAVE EMBEDMENT DEPTH OF MIN 63mm.
4. KEEP CAVITIES AND WALL TIES CLEAR OF MORTAR DROPPINGS
5. WALL TIES FOR STONEWORK TO BE STAINLESS STEEL AT 450mm HORIZONTAL CENTRES AND 450mm CENTRES VERTICALLY AND AT 225mm CENTRES AT OPES.

LINTEL NOTES:
1. PC LINTELS TO HAVE THE FOLLOWING BEARING, 150mm FOR SPANS UP TO 1500mm AND 200mm BEARING FOR SPANS 1500mm TO 3000mm
2. PC LINTELS TO BE PLACED ON A BED OF MORTAR WITH PACKING PLATES AS NECESSARY TO PREVENT COMPRESSION OF MORTAR BED
3. DPC TRAY TO EXTEND 100mm BEYOND THE END OF THE LINTEL
4. LINTELS TO BE PROPPED AS PER MANUFACTURERS INSTRUCTIONS UNTIL MASONRY ABOVE HAS CURED.
5. ALL LINTELS TO BEAR ONTO MIN 1 COURSE SOLID, COLLAR JOINTED BLOCKWORK
6. PC LINTELS TO BE INSTALLED OVER ANY OPES OVER 50 mm PENETRATING MASONRY WALLS (VENT PIPES, SOIL PIPES. ETC)
7. CATNIC OR PRESSED METAL LINTELS TO BE DESIGNED BY THE MANUFACTURER AND INSTALLED IN ACCORDANCE WITH THEIR RECOMMENDATIONS

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

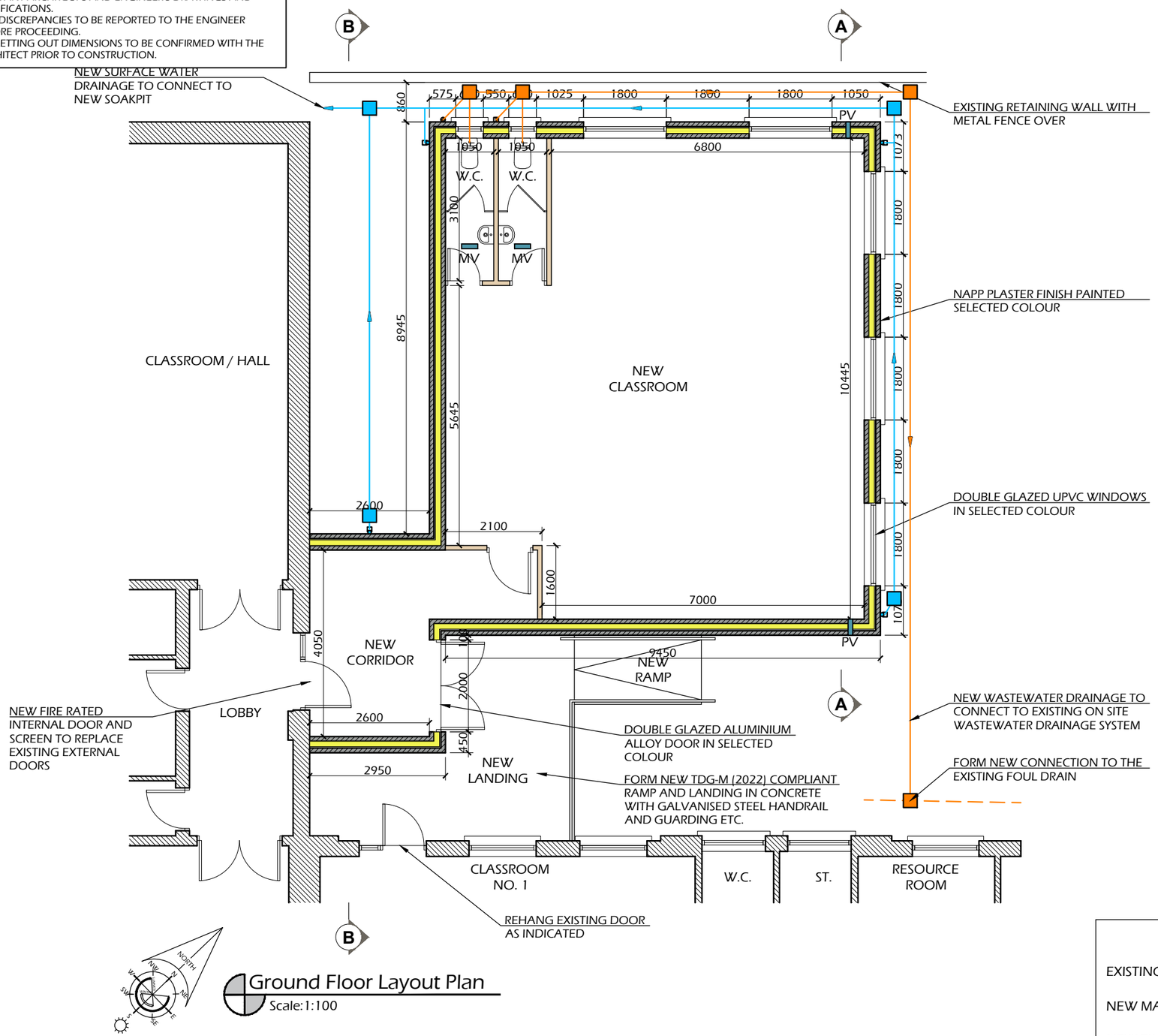
CLIENT: The Board of Management

ADDRESS: Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

DRAWING: Foundation Layout Plan & Details

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T04

GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.



Ground Floor Layout Plan
Scale:1:100

FOUNDATION NOTES:
1. CONCRETE TO HAVE A MINIMUM CRUSHING STRENGTH OF 35N/sq.mm AT 28 DAYS. CONCRETE BINDING TO BE GRADE C12/15.
2. REINFORCEMENT TO HAVE A MINIMUM COVER OF 50mm UNLESS NOTED OTHERWISE.
3. ALL REINFORCING STEEL IS TO CONFORM TO BS8666.2000, 'SPECIFICATION FOR SCHEDULING, DIMENSIONING, BENDING AND CUTTING OF REINFORCING STEELS'.
4. FOUNDATION BASES TO BE CAST ON SOIL HAVING A BEARING PRESSURE OF 125kN/sq.m.. IN THE EVENT OF SOFT OR INFERIOR SOIL THE ENGINEER IS TO BE CONTACTED BEFORE POURING OF BASES.
5. FOUNDATION FORMATION LEVEL IS TO BE MINIMUM 675mm BELOW FINISHED FLOOR LEVEL. FORMATION LEVEL IS SUBJECT TO ENGINEERS INSPECTION ONCE OPENING-UP/GOUNDWORK HAVE COMMENCED.
6. ALL SOFT POCKETS TO BE REMOVED AND BACK FILLED WITH LEANMIX. CONCRETE 15N/sq.mm.
7. ALL BLOCKWORK TO BE 7N STRENGTH TO TGD PART A.
8. MORTAR TO COMPLY WITH IS EN 998-2, 1:1:6, CEMENT, LIME, SAND, OR 1:6 CEMENT, SAND WITH PLASTICISER.
9. ALL GRANULAR FILL MATERIAL FOR USE UNDER CONCRETE FLOORS AND FOOTPATHS TO BE IN ACCORDANCE WITH S.R.21-ANNEX E: 2016
10. ALL JOINTS IN THE FLOOR INSULATION AND ALONG THE PERIMETER WALL INSULATION TO BE TAPED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

BLOCKWORK NOTES:
1. ALL BLOCKWORK TO BE 7.5N STRENGTH TO TGD PART A.
2. MORTAR TO COMPLY WITH IS EN 998-2, 1:1:6, CEMENT, LIME, SAND, OR 1:6 CEMENT, SAND WITH PLASTICISER.
3. STAINLESS STEEL WALL TIES TO BE INSTALLED AT 4.9 TIES PER SQUARE METRE. WALL TIES TO COMPLY WITH IS EN 845 SPECIFICATION FOR ANCILLARY COMPONENTS FOR MASONRY PART 1 2003. WALL TIE TO HAVE EMBEDMENT DEPTH OF MIN 63mm.
4. KEEP CAVITIES AND WALL TIES CLEAR OF MORTAR DROPPINGS
5. WALL TIES FOR STONEWORK TO BE STAINLESS STEEL AT 450mm HORIZONTAL CENTRES AND 450mm CENTRES VERTICALLY AND AT 225mm CENTRES AT OPES.

LINTEL NOTES:
1. PC LINTELS TO HAVE THE FOLLOWING BEARING, 150mm FOR SPANS UP TO 1500mm AND 200mm BEARING FOR SPANS 1500mm TO 3000mm
2. PC LINTELS TO BE PLACED ON A BED OF MORTAR WITH PACKING PLATES AS NECESSARY TO PREVENT COMPRESSION OF MORTAR BED
3. DPC TRAY TO EXTEND 100mm BEYOND THE END OF THE LINTEL
4. LINTELS TO BE PROPPED AS PER MANUFACTURERS INSTRUCTIONS UNTIL MASONRY ABOVE HAS CURED.
5. ALL LINTELS TO BEAR ONTO MIN 1 COURSE SOLID, COLLAR JOINTED BLOCKWORK
6. PC LINTELS TO BE INSTALLED OVER ANY OPES OVER 50 mm PENETRATING MASONRY WALLS (VENT PIPES, SOIL PIPES. ETC)
7. CATNIC OR PRESSED METAL LINTELS TO BE DESIGNED BY THE MANUFACTURER AND INSTALLED IN ACCORDANCE WITH THEIR RECOMMENDATIONS

NOTE:
1. ALL ROOF MATERIALS ARE TO BE IN ACCORDANCE WITH DEPARTMENT OF EDUCATION AND SCIENCE TGD 021-7 MINIMUM PERFORMANCE STANDARDS OF ROOF MATERIALS AND FINISHES
2. ALL EXTERNAL WINDOWS AND DOORS ARE TO BE IN ACCORDANCE WITH DOES-TGD-021-GUIDANCE ON THE SPECIFICATION OF WINDOWS

TGD-M-2022 COMPLIANT RAMP & LANDING:
- RAMP WITH A MAX. GRADIENT OF 1:12 & FLIGHT LENGTH OF 2m.
- MIN. 900mm HIGH HANDRAILS.
- MIN. 1.2m CLEAR WIDTH BETWEEN HANDRAILS.
- TURNING SPACE OF 1.8m x 1.8m TO TOP LANDING.
- NON-SLIP RAMP SURFACE AS PER TGD-M-2022 SECTION 1.1.3.4, 1.1.3.5 AND ALSO BS 8300:2009 ANNEXE.

LEGEND
- EXISTING WALLS
- NEW MASONRY BLOCK WALLS
- NEW TIMBER STUD WALLS
- CONCRETE LINTEL, TO MANUFACTURER'S SPECIFICATION
- DOUBLE CONCRETE LINTEL, TO MANUFACTURER'S SPECIFICATION
- CATNIC LINTEL TO MANUFACTURERS SPECIFICATION (LOADING CAN BE PROVIDED IF REQUIRED)
- STEEL BEAM

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

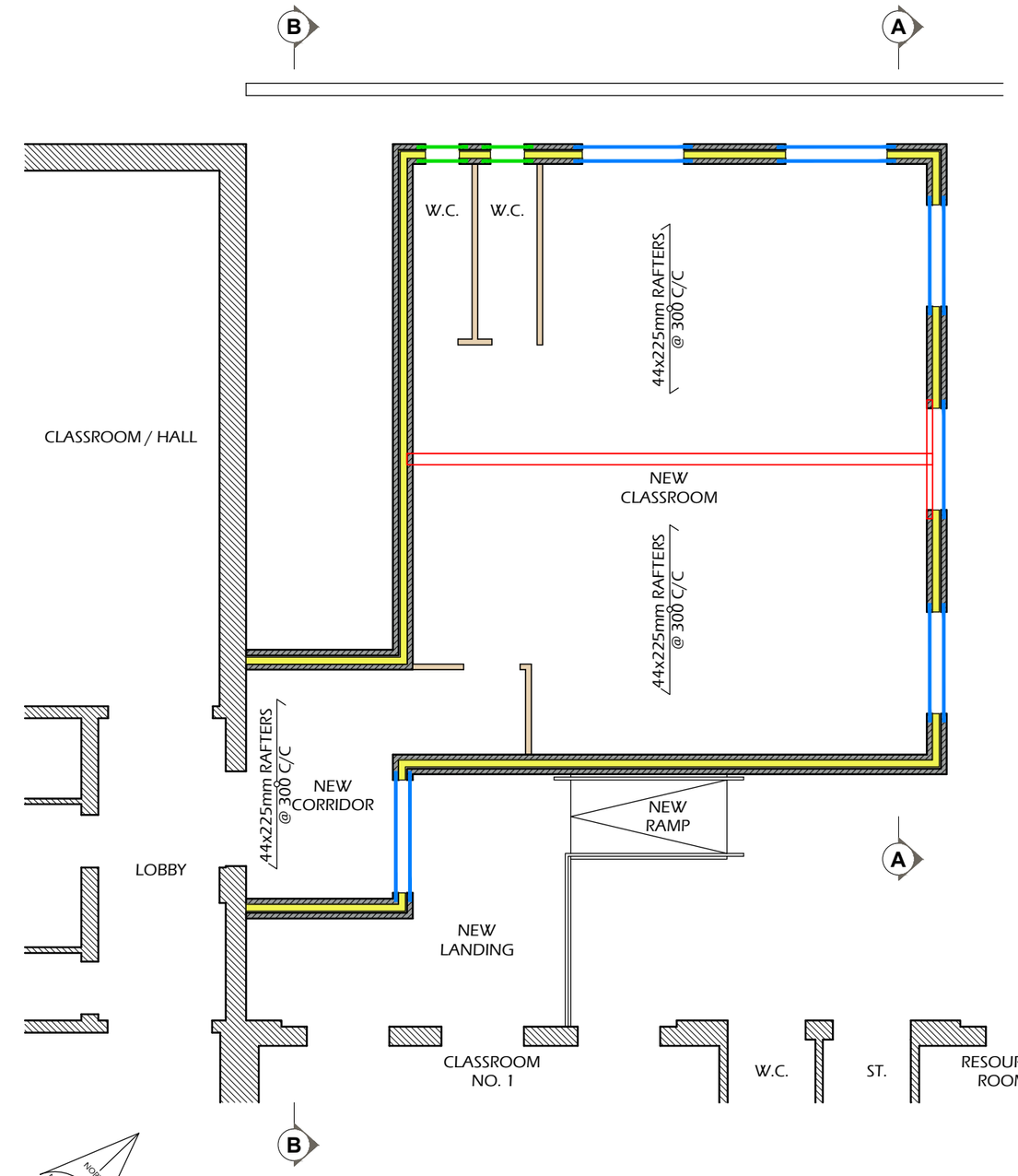
CLIENT: The Board of Management

ADDRESS: Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

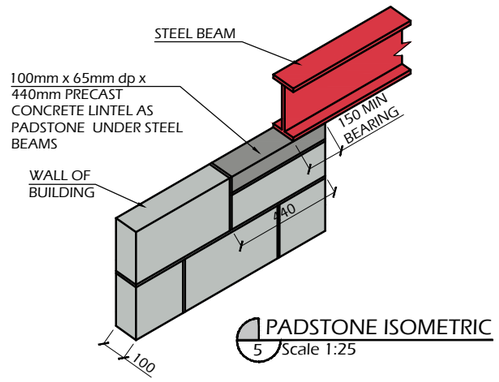
DRAWING: Ground Floor Plan

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T05

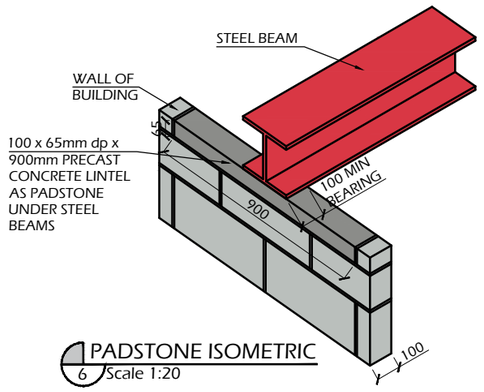
GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.



Structural Layout Plan
Scale:1:100



PADSTONE ISOMETRIC
5 Scale 1:25



PADSTONE ISOMETRIC
6 Scale 1:20

BLOCKWORK NOTES:
1. ALL BLOCKWORK TO BE 7.5N STRENGTH TO TGD PART A.
2. MORTAR TO COMPLY WITH IS EN 998-2, 1:1:6, CEMENT, LIME, SAND, OR 1:6 CEMENT, SAND WITH PLASTICISER.
3. STAINLESS STEEL WALL TIES TO BE INSTALLED AT 4.9 TIES PER SQUARE METRE. WALL TIES TO COMPLY WITH IS EN 845 SPECIFICATION FOR ANCILLARY COMPONENTS FOR MASONRY PART 1 2003. WALL TIE TO HAVE EMBEDMENT DEPTH OF MIN 63mm.
4. KEEP CAVITIES AND WALL TIES CLEAR OF MORTAR DROPPINGS
5. WALL TIES FOR STONEWORK TO BE STAINLESS STEEL AT 450mm HORIZONTAL CENTRES AND 450mm CENTRES VERTICALLY AND AT 225mm CENTRES AT OPES.

LINTEL NOTES:
1. PC LINTELS TO HAVE THE FOLLOWING BEARING, 150mm FOR SPANS UP TO 1500mm AND 200mm BEARING FOR SPANS 1500mm TO 3000mm
2. PC LINTELS TO BE PLACED ON A BED OF MORTAR WITH PACKING PLATES AS NECESSARY TO PREVENT COMPRESSION OF MORTAR BED
3. DPC TRAY TO EXTEND 100mm BEYOND THE END OF THE LINTEL
4. LINTELS TO BE PROPPED AS PER MANUFACTURERS INSTRUCTIONS UNTIL MASONRY ABOVE HAS CURED.
5. ALL LINTELS TO BEAR ONTO MIN 1 COURSE SOLID, COLLAR JOINTED BLOCKWORK
6. PC LINTELS TO BE INSTALLED OVER ANY OPES OVER 50 mm PENETRATING MASONRY WALLS (VENT PIPES, SOIL PIPES. ETC)
7. CATNIC OR PRESSED METAL LINTELS TO BE DESIGNED BY THE MANUFACTURER AND INSTALLED IN ACCORDANCE WITH THEIR RECOMMENDATIONS

STRUCTURAL STEEL NOTES:
1. ALL STEEL TO BE CE MARKING CLASS CC2 IN ACCORDANCE WITH EN 1990:2002.
2. BEARING PADS TO BE PROVIDED AT THE ENDS OF ALL STEEL BEAMS.
3. STEEL MANUFACTURER TO SUBMIT PROPOSED STEEL CONNECTION DETAILS TO D O'SULLIVAN CONSULTING ENGINEERS FOR APPROVAL PRIOR TO ORDERING.
4. ALL WELDS TO BE 6mm FILLET WELDS OR 6mmOR SINGLE V-BUTT WELDS USING Es 35 GRADE ELECTRODES UNLESS NOTED OTHERWISE.
5. ALL EXPOSED STRUCTURAL STEEL TO BE GALVANISED AND PAINTED TO ARCHITECTS DETAIL.

STRUCTURAL TIMBER NOTES:
1. STRUCTURAL TIMBER SHALL COMPLY WITH CP.112 AND B.S. 5268. ROOF TRUSSES SHALL COMPLY WITH IS.193 (IS EN 1995-1-1:2004 and SR 70:2015). ALL TIMBER TO BE GRADE C16 UNLESS NOTED OTHERWISE.
2. SOLID TIMBER BRIDGING OF DEPTH EQUAL TO JOISTS TO BE PROVIDED @ MAX 1350mm CENTRES WHERE SPANS EXCEED 2.7M AS PER THE REQUIREMENTS OF IS 444 (IS EN 1995-1-1:2004).
3. WALLPLATES ARE TO BE HALVED AND SPIKED AT HEADINGS AN ANGLES. WALLPLATES TO BE STRAPPED DOWN AT 1200mm CENTRES WITH GALVANISED STRAPS OR SHALL BE BOLTED AT A MAXIMUM OF 1200mm CENTRES TO ALL STEEL AND CONCRETE BAND BEAMS.
4. NEW STRUCTURAL ROOF MEMBERS TO BE ADEQUATELY STRAPPED DOWN TO WALL PLATE USING 600mm GALVANISED METAL TWIST STRAPS
5. GALVANISED RESTRAINTS ALL TO BS EN 10346:2015

LEGEND

EXISTING WALLS	
NEW MASONRY BLOCK WALLS	
NEW TIMBER STUD WALLS	
CONCRETE LINTEL, TO MANUFACTURER'S SPECIFICATION	
DOUBLE CONCRETE LINTEL, TO MANUFACTURER'S SPECIFICATION	
CATNIC LINTEL TO MANUFACTURERS SPECIFICATION (LOADING CAN BE PROVIDED IF REQUIRED)	
STEEL BEAM	

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

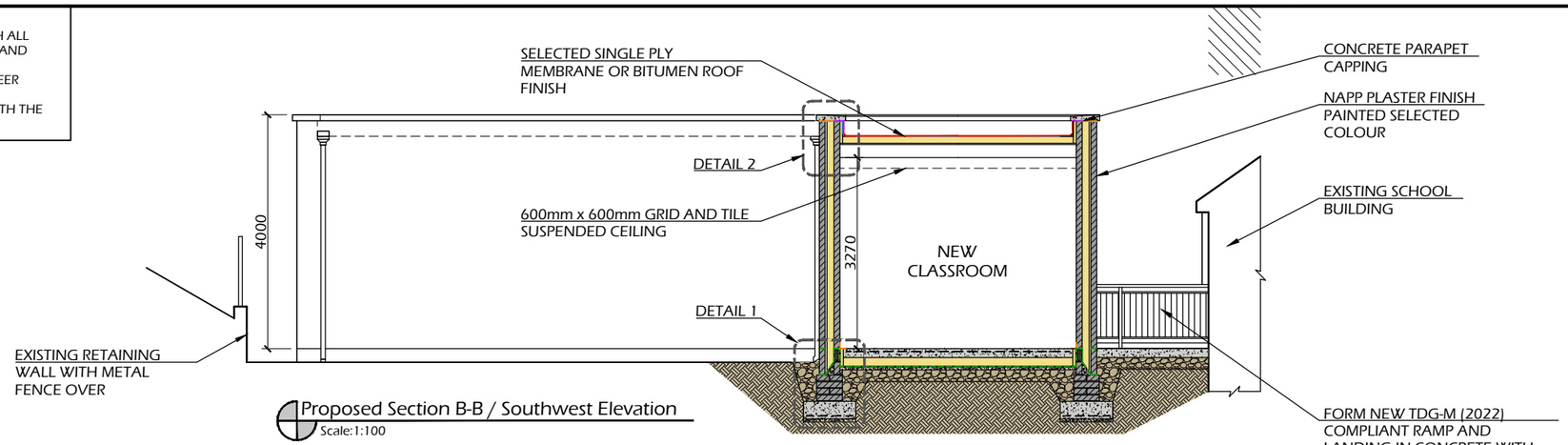
CLIENT: The Board of Management

ADDRESS: Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

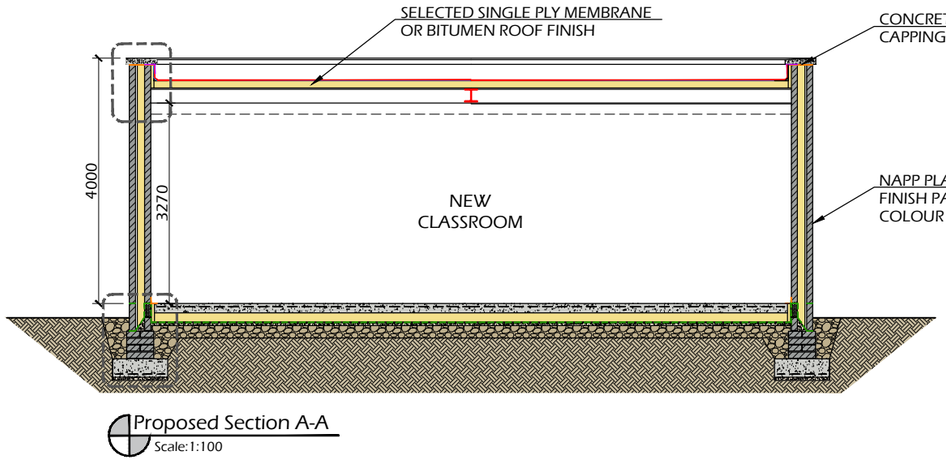
DRAWING: Structural Layout Plan & Details

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T06

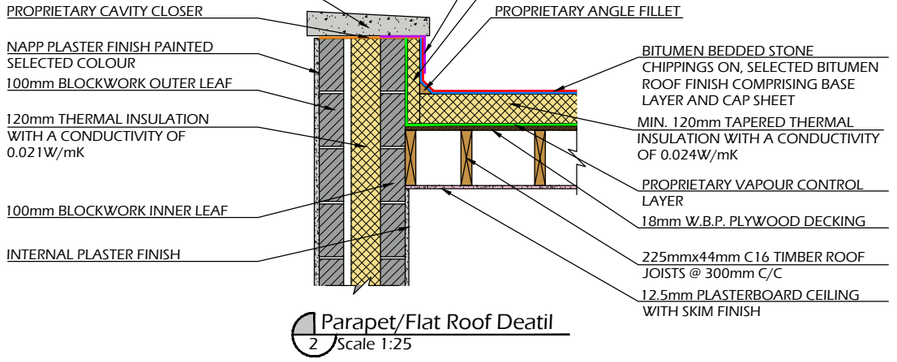
GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.



Proposed Section B-B / Southwest Elevation
Scale:1:100



Proposed Section A-A
Scale:1:100



Parapet/Flat Roof Deatil
2 Scale 1:25

FOUNDATION NOTES:
1. CONCRETE TO HAVE A MINIMUM CRUSHING STRENGTH OF 35N/sq.mm AT 28 DAYS. CONCRETE BINDING TO BE GRADE C12/15.
2. REINFORCEMENT TO HAVE A MINIMUM COVER OF 50mm UNLESS NOTED OTHERWISE.
3. ALL REINFORCING STEEL IS TO CONFORM TO BS8666.2000, 'SPECIFICATION FOR SCHEDULING, DIMENSIONING, BENDING AND CUTTING OF REINFORCING STEELS'.
4. FOUNDATION BASES TO BE CAST ON SOIL HAVING A BEARING PRESSURE OF 125kN/sq.m.. IN THE EVENT OF SOFT OR INFERIOR SOIL THE ENGINEER IS TO BE CONTACTED BEFORE POURING OF BASES.
5. FOUNDATION FORMATION LEVEL IS TO BE MINIMUM 675mm BELOW FINISHED FLOOR LEVEL. FORMATION LEVEL IS SUBJECT TO ENGINEERS INSPECTION ONCE OPENING-UP/GOUNDWORK HAVE COMMENCED.
6. ALL SOFT POCKETS TO BE REMOVED AND BACK FILLED WITH LEANMIX. CONCRETE 15N/sq.mm.
7. ALL BLOCKWORK TO BE 7N STRENGTH TO TGD PART A.
8. MORTAR TO COMPLY WITH IS EN 998-2, 1:1:6, CEMENT, LIME, SAND, OR 1:6 CEMENT, SAND WITH PLASTICISER.
9. ALL GRANULAR FILL MATERIAL FOR USE UNDER CONCRETE FLOORS AND FOOTPATHS TO BE IN ACCORDANCE WITH S.R.21-ANNEX E: 2016
10. ALL JOINTS IN THE FLOOR INSULATION AND ALONG THE PERIMETER WALL INSULATION TO BE TAPED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

BLOCKWORK NOTES:
1. ALL BLOCKWORK TO BE 7.5N STRENGTH TO TGD PART A.
2. MORTAR TO COMPLY WITH IS EN 998-2, 1:1:6, CEMENT, LIME, SAND, OR 1:6 CEMENT, SAND WITH PLASTICISER.
3. STAINLESS STEEL WALL TIES TO BE INSTALLED AT 4.9 TIES PER SQUARE METRE. WALL TIES TO COMPLY WITH IS EN 845 SPECIFICATION FOR ANCILLARY COMPONENTS FOR MASONRY PART 1 2003. WALL TIE TO HAVE EMBEDMENT DEPTH OF MIN 63mm.
4. KEEP CAVITIES AND WALL TIES CLEAR OF MORTAR DROPPINGS
5. WALL TIES FOR STONEWORK TO BE STAINLESS STEEL AT 450mm HORIZONTAL CENTRES AND 450mm CENTRES VERTICALLY AND AT 225mm CENTRES AT OPES.

LINTEL NOTES:
1. PC LINTELS TO HAVE THE FOLLOWING BEARING, 150mm FOR SPANS UP TO 1500mm AND 200mm BEARING FOR SPANS 1500mm TO 3000mm
2. PC LINTELS TO BE PLACED ON A BED OF MORTAR WITH PACKING PLATES AS NECESSARY TO PREVENT COMPRESSION OF MORTAR BED
3. DPC TRAY TO EXTEND 100mm BEYOND THE END OF THE LINTEL
4. LINTELS TO BE PROPPED AS PER MANUFACTURERS INSTRUCTIONS UNTIL MASONRY ABOVE HAS CURED.
5. ALL LINTELS TO BEAR ONTO MIN 1 COURSE SOLID, COLLAR JOINTED BLOCKWORK
6. PC LINTELS TO BE INSTALLED OVER ANY OPES OVER 50 mm PENETRATING MASONRY WALLS (VENT PIPES, SOIL PIPES. ETC)
7. CATNIC OR PRESSED METAL LINTELS TO BE DESIGNED BY THE MANUFACTURER AND INSTALLED IN ACCORDANCE WITH THEIR RECOMMENDATIONS

STRUCTURAL STEEL NOTES:
1. ALL STEEL TO BE CE MARKING CLASS CC2 IN ACCORDANCE WITH EN 1990:2002.
2. BEARING PADS TO BE PROVIDED AT THE ENDS OF ALL STEEL BEAMS.
3. STEEL MANUFACTURER TO SUBMIT PROPOSED STEEL CONNECTION DETAILS TO D O'SULLIVAN CONSULTING ENGINEERS FOR APPROVAL PRIOR TO ORDERING.
4. ALL WELDS TO BE 6mm FILLET WELDS OR 6mmOR SINGLE V-BUTT WELDS USING Es 35 GRADE ELECTRODES UNLESS NOTED OTHERWISE.
5. ALL EXPOSED STRUCTURAL STEEL TO BE GALVANISED AND PAINTED TO ARCHITECTS DETAIL.

STRUCTURAL TIMBER NOTES:
1. STRUCTURAL TIMBER SHALL COMPLY WITH CP.112 AND B.S. 5268. ROOF TRUSSES SHALL COMPLY WITH IS.193 (IS EN 1995-1-1:2004 and SR 70:2015). ALL TIMBER TO BE GRADE C16 UNLESS NOTED OTHERWISE.
2. SOLID TIMBER BRIDGING OF DEPTH EQUAL TO JOISTS TO BE PROVIDED @ MAX 1350mm CENTRES WHERE SPANS EXCEED 2.7M AS PER THE REQUIREMENTS OF IS 444 (IS EN 1995-1-1:2004).
3. WALLPLATES ARE TO BE HALVED AND SPIKED AT HEADINGS AN ANGLES. WALLPLATES TO BE STRAPPED DOWN AT 1200mm CENTRES WITH GALVANISED STRAPS OR SHALL BE BOLTED AT A MAXIMUM OF 1200mm CENTRES TO ALL STEEL AND CONCRETE BAND BEAMS.
4. NEW STRUCTURAL ROOF MEMBERS TO BE ADEQUATELY STRAPPED DOWN TO WALL PLATE USING 600mm GALVANISED METAL TWIST STRAPS
5. GALVANISED RESTRAINTS ALL TO BS EN 10346:2015

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

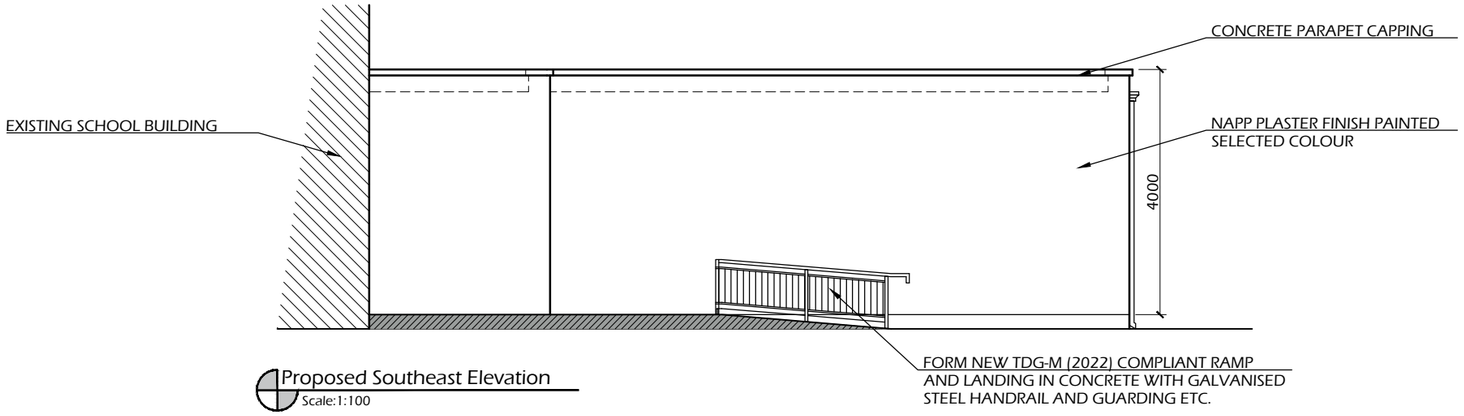
CLIENT: The Board of Management

ADDRESS: Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

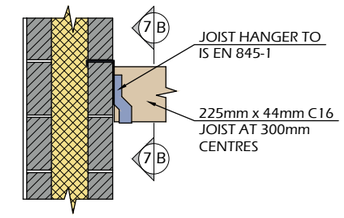
DRAWING: Sections A-A, B-B and Details

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T07

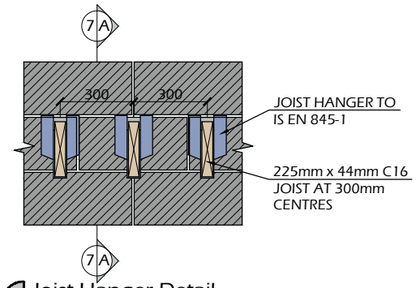
GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.



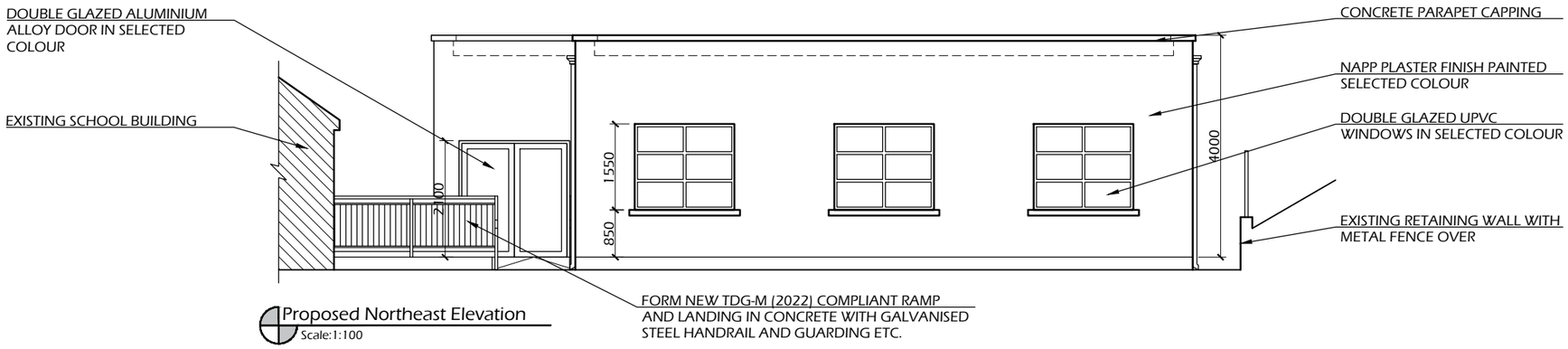
Proposed Southeast Elevation
Scale:1:100



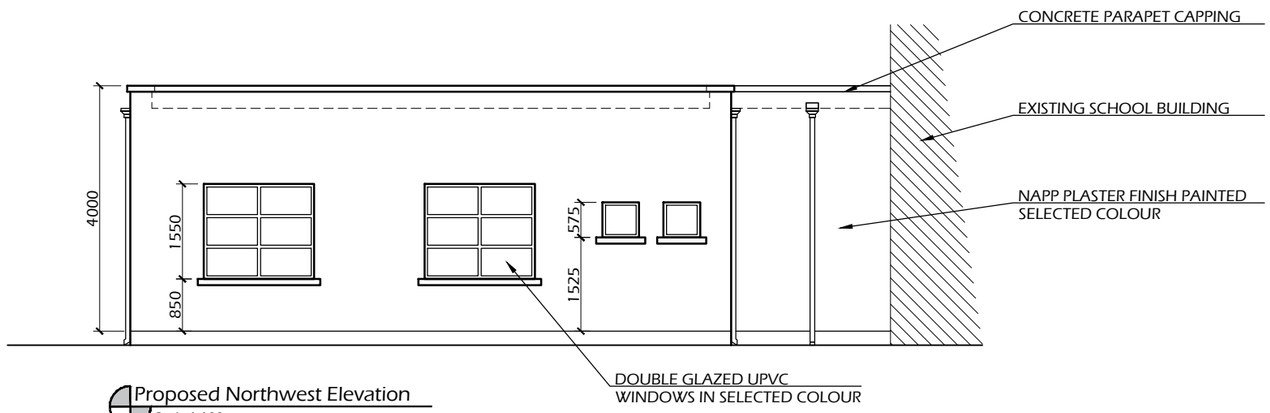
Joist Hanger Detail
7-A Scale 1:25



Joist Hanger Detail
7-B Scale 1:25



Proposed Northeast Elevation
Scale:1:100



Proposed Northwest Elevation
Scale:1:100

NOTE:
1. ALL ROOF MATERIALS ARE TO BE IN ACCORDANCE WITH DEPARTMENT OF EDUCATION AND SCIENCE TGD 021-7 MINIMUM PERFORMANCE STANDARDS OF ROOF MATERIALS AND FINISHES
2. ALL EXTERNAL WINDOWS AND DOORS ARE TO BE IN ACCORDANCE WITH DOES-TGD-021-GUIDANCE ON THE SPECIFICATION OF WINDOWS

TGD-M-2022 COMPLIANT RAMP & LANDING:
- RAMP WITH A MAX. GRADIENT OF 1:12 & FLIGHT LENGTH OF 2m.
- MIN. 900mm HIGH HANDRAILS.
- MIN. 1.2m CLEAR WIDTH BETWEEN HANDRAILS.
- TURNING SPACE OF 1.8m x 1.8m TO TOP LANDING.
- NON-SLIP RAMP SURFACE AS PER TGD-M-2022 SECTION 1.1.3.4, 1.1.3.5 AND ALSO BS 8300:2009 ANNEXE.

DRAWINGS FOR TENDER PURPOSES

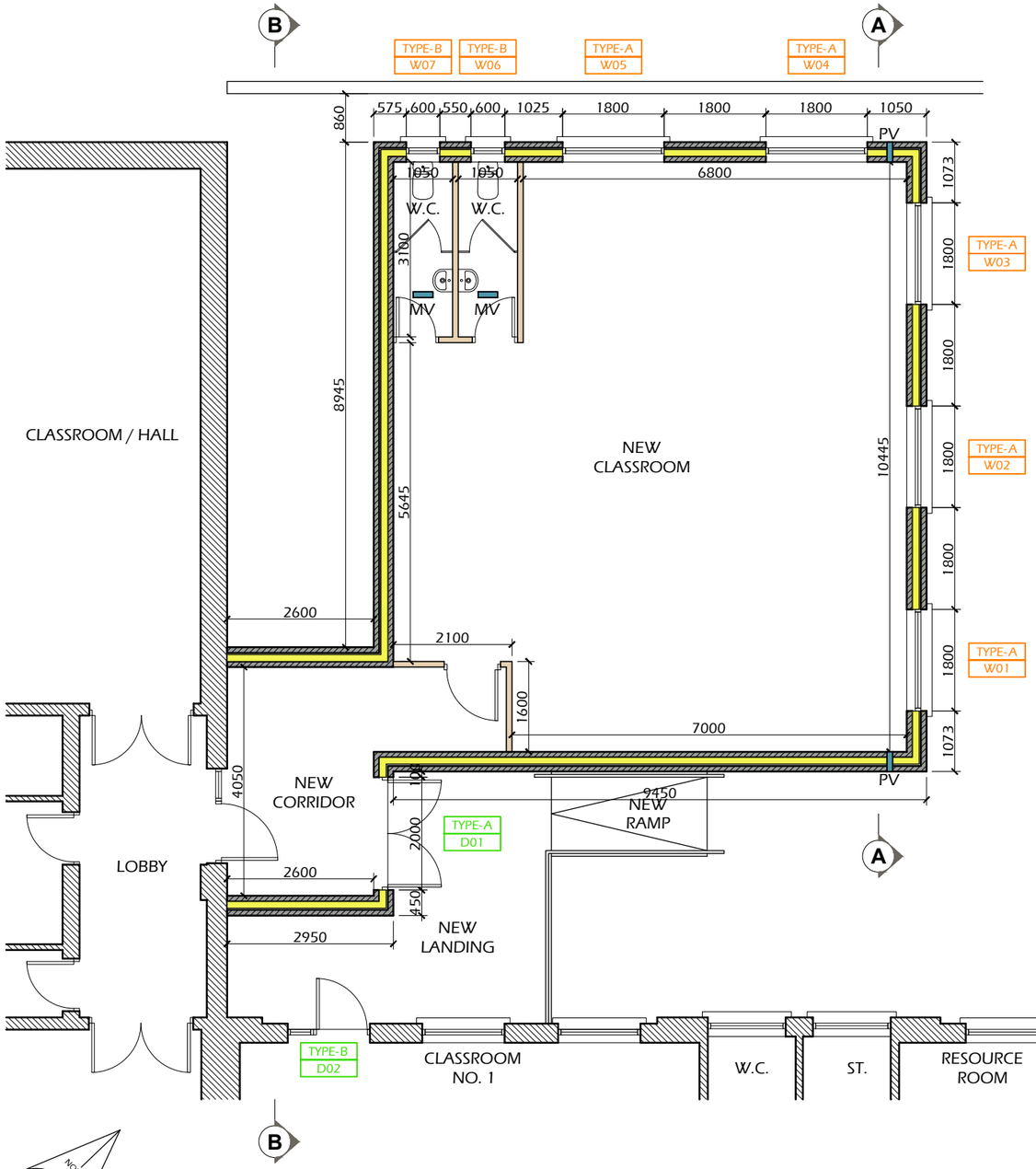
D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

CLIENT:
The Board of Management

ADDRESS:
Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

DRAWING:
Elevations

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T08

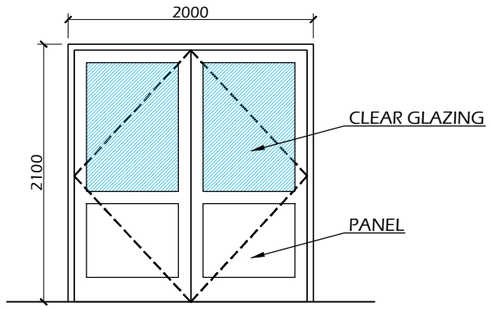


Ground Floor Layout Plan

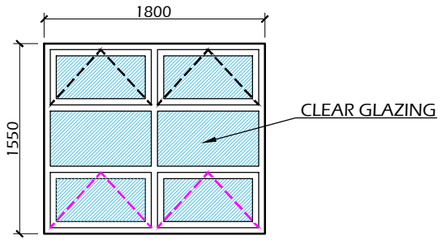
Scale:1:100

EXTERNAL DOOR SCHEDULE	D01
DOOR TYPE	A
SUPPLY & FIT NEW DOOR	■
ALUMINIUM ALLOY DOOR	■
ALUMINIUM ALLOY SIDE SCREEN	
STANDARD GLAZING	■
SAFETY GLAZING	■
MASTER KEY	■
INTERNAL SELF-CLOSERS	■
EXTERNAL HOLD OPEN DEVICE	■

NOTES:
ALL DOORS ARE TO BE IN COMPLIANCE WITH DEPARTMENT OF EDUCATION AND SCIENCE TECHNICAL GUIDANCE DOCUMENT 021-1 (GUIDANCE ON THE SPECIFICATION OF WINDOWS)
ALL GLAZING BELOW 800mm IS REQUIRED TO BE SAFETY GLAZING TO COMPLY WITH BS 6206 & BS 6262



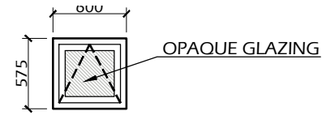
TYPE-A D01



TYPE-A W01 | TYPE-A W02 | TYPE-A W03 | TYPE-A W04 | TYPE-A W05

EXTERNAL WINDOW SCHEDULE	W01	W02	W03	W04	W05	W06	W07
WINDOW TYPE	A	A	A	A	A	B	B
CLEAR GLAZING (WHERE INDICATED)	■	■	■	■	■		
OPAQUE GLAZING (WHERE INDICATED)						■	■
NO. OF OPENING SECTIONS	4	4	4	4	4	1	1
MULTIPOINT LOCKING MECHANISM	■	■	■	■	■	■	■
PERMAVENTS (6,500mm²)	■	■	■	■	■	■	■
INTERNAL WINDOW BLIND	■	■	■	■	■		
UPVC WINDOW BOARD	■	■	■	■	■	■	■

NOTES:
ALL WINDOWS ARE TO BE IN COMPLIANCE WITH DEPARTMENT OF EDUCATION AND SCIENCE TECHNICAL GUIDANCE DOCUMENT 021-1 (GUIDANCE ON THE SPECIFICATION OF WINDOWS)
ALL GLAZING BELOW 800mm IS REQUIRED TO BE SAFETY GLAZING TO COMPLY WITH BS 6206 & BS 6262



TYPE-B W06 | TYPE-B W07

LEGEND

- INDICATES CLEAR GLAZING
- INDICATES OPAQUE GLAZING
- INDICATES OPENABLE WINDOW SECTION
- INDICATES OPENABLE WINDOW SECTION COMPLETE WITH RESTRICTOR

GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

CLIENT: The Board of Management

ADDRESS: Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

DRAWING: External Door & Window Schedule

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T09

WINDOW SPECIFICATION

- All replacement windows, frames etc. shall comply with the Department of Education & Skills TGD 021-1a Summer Works Scheme Window Replacement Primary & Post Primary Schools. A copy of this document is included in the Tender Documents.
- Supply and fit of unplasticized polyvinyl chloride (PVC-U) windows, in accordance with BS 7412:2007, Specification for windows and door sets made from unplasticized polyvinyl chloride (PVC-U) extruded hollow profiles. NOTE: The window supplier shall submit evidence that the windows offered conform to the standards set out in TGD 021-1a.
- Windows to have a white colour to match the existing windows in the school.
- The window including all individual elements shall be designed with a maintenance free life of 40 years. The term "Maintenance" shall be deemed to exclude cleaning and lubrication.
- It will be the responsibility of the window manufacturer to provide independent accredited test report conforming to this specification to the project supervisor prior to the selection of any proposed window system. The minimum requirements are set out in Table 2 of TGD 021-1a. Accreditation should be provided for the selected/proposed window system tested on a specimen size of 1500mm high x 1200mm wide full Top Hung opening sash to comply with the following Department of Education and Science product requirements
- (a) White PVC-U extruded hollow profiles used in plastic windows and door sets shall conform to BS EN 12608:2003.
- (b) Surface covered PVC-U extruded hollow profiles used in plastic windows and door sets shall conform to BS 7722:2010.
- (c) PVC-U profiles manufactured in accordance with BS EN 12608:2003 only require an occasional wipe down for appearance purposes. A gradual loss of gloss might occur over time which has no effect on the functional performance of the window. As PVC-U profiles have been successfully used for windows and door sets for the last 40 years, PVC-U windows and door sets manufactured in accordance with this British Standard are expected to last in excess of 40 years
- Windows shall be glazed in accordance with the recommendations given in BS 6262.
- 28mm double glazed units, low "E" argon filled (90%) glazing units. Safety glass to be 6 mm laminated to BS 6262 & BS 6201- Glass in Buildings. All glazing must be installed in accordance with BS 6262 and the double glazed unit manufacturer's and system supplier's instructions.
- The glazing light transmittance factor shall not be less than 70%.
- U-value: Design size: 1.2wide x 1.5m high top hung opening sash full size. Manufacturer to provide documentary evidence that the above sized window has a thermal performance of 1.6 W/m2K or better. The centre pane "U" Value of each sealed unit when combined with the window frame should achieve a target figure of 1.6Wm^2/K when treated as a single element. Each fabricator/installer must demonstrate compliant glass choice with tender return. All glazing shall conform to BS 6262. Use thermally broken warm edge spacer in the double glazed units to increase thermal efficiencies. All glazing to be Low E Hermetically Argon Filled double glazed Clear sealed units 4/20/4mm to BS 5713:1979 with a U value ≤ 1.15 W/M^2K.
- All glass below 800mm is to be safety glass.
- When the completed window is tested in accordance with PAS 24:2012, it shall not be possible to gain entry.
- Where opening window that are considered to be unreachable they shall be fitted with manual winding window gearing. Each set of windows shall be controlled by 1 No. operator; windows shall be opened using 250mm chain openers with conduit, winder cables and saddle fixings to wall. All components shall be finished in a selected polyester powder coated paint finish as per window schedule.
- Handles shall suit single lever wrap around multipoint locking type. The opening is to be restricted for child safety and to ensure adequate free openable area. To meet the required security level and safety standard all lower opening vent frames shall be fitted with one non releasable locking restrictor. These will restrict the window opening in line with the rapid ventilation calculations. These should be fitted in accordance with manufacturer's recommendations and as detailed in their technical literature.
- The completed window shall conform to the performance requirements for operation and strength specified in BS 6375-2:2009.
- The work sizes for overall length and height shall be documented. The site survey of the windows will be the responsibility of the window contractor and comply with BS 8213-4:2007, Windows, doors and roof lights – Part 4: Code of practice for the survey and installation of windows and external doorsteps. The size of an assembled frame shall be within ±1.5 mm of the documented work size in any dimension, and the difference between the diagonals of the assembled frame shall be not more than 4 mm.
- The dimensions provided on the tender documents are indicative and should only be used for pricing. It is the Contractor's responsibility to produce the dimensions to which the windows will be manufactured.
- All existing windows listed in the schedule are to be replaced. The contractor should allow for the removal and disposal of frames and glazing. Self-Adhesive PVC sheeting should be applied to the glass prior to removal to ensure no shards of broken glass are left within or around the school property. The contractor will be responsible for the moving and covering of items within the room including the floors prior to any works commencing. The contractor should take particular care of the interactive whiteboards, associated computers and projectors.
- The contractor should include for the repairing the window reveals with a painted plastered finish to match existing externally and a painted timber architrave and a white PVC window board internally in accordance with Detail 1.

DOOR SPECIFICATION

- All replacement doors, frames etc shall comply with the Department of Education & Skills TGD 021-1a Summer Works Scheme Window Replacement Primary & Post Primary Schools. A copy of this document is included in the Tender Documents.
- Contractor to price for the Supply and fit of aluminium alloy doors, in accordance with BS4873: 2009. NOTE: The door supplier shall submit evidence that the doors offered conform to the standards set out in TGD 021-1a
- Door to have a white colour to match the existing windows in the school extension.
- It will be the responsibility of the door manufacturer to provide independent accredited test report conforming to this specification to the project supervisor prior to the selection of any proposed window system. The minimum requirements are set out in Table 2 of TGD 021-1a. Accreditation should be provided for the selected/proposed window system tested on a specimen size of 1500mm high x 1200mm wide full Top Hung opening sash to comply with the following Department of Education and Science product requirements.
- Extruded aluminium profiles shall be fabricated from designated treated alloy 6060 or 6063 in tempers T4, T5 or T6 conforming to BS EN 755-9:2008. coating and guarantee as per tgd-21-1a.
- All glazing shall be in accordance with the recommendations given in BS 6262.
- When the completed door is tested in accordance with PAS 24:2012, it shall not be possible to gain entry.
- The work sizes for overall length and height shall be documented. The site survey of the doors will be the responsibility of the door contractor and comply with BS 8213-4:2007, Windows, doors and roof lights – Part 4: Code of practice for the survey and installation of windows and external doorsteps. The size of an assembled frame shall be within ±1.5 mm of the documented work size in any dimension, and the difference between the diagonals of the assembled frame shall be not more than 4 mm.
- The dimensions provided on the tender documents are indicative and should only be used for pricing. It is the Contractor's responsibility to produce the dimensions to which the windows will be manufactured.
- The contractor should allow for the removal and disposal of frames and glazing. Self-Adhesive PVC sheeting should be applied to the glass prior to removal to ensure no shards of broken glass are left within or around the school property. The contractor will be responsible for the moving and covering of items within the room including the floors prior to any works commencing. The contractor should take particular care of the interactive whiteboards, associated computers and projectors etc.
- The contractor should include for the repairing of the door reveals with a painted plastered finish to match existing externally and a painted timber architrave internally in accordance with Detail 2.

GENERAL NOTES

- All windows to be 28mm double glazed units, low "E" argon filled (90%) glazing units with a white finish for the frame and solid panels to match existing windows. Note exact RAL colour finish to be confirmed at a later date. (Tenderers to allow for choice of any RAL colour for both exterior and interior).
- All glazing below 800mm to have 8mm toughened safety glass as per spec.
- As per TGD PART B "rescue and escape", the window should have an openable section which can provide an unobstructed clear opening area of at least 0.33mm^2 where required
- Observations in relation to the program of works and the proposed dates for start and completion should be made at time of tendering. Any over-run of the intended and agreed date for completion shall result in an imposed loss to the contractor. (min. €1000 per day)
- Contractors to visit the site to familiarise themselves with project prior to tender.

WINDOW BLIND SPECIFICATION

- Blinds to windows in teaching spaces shall be manually operated heavy duty contract grade steel tube spring-less rollers, complete with side winder endless ball chain control units and child safety clips appropriately sized for each opening and shall be in compliance with Irish standard IS EN 13120 – internal blinds
- The blind material shall be light coloured dense basket weave sunscreen material. Final colour of blinds to be agreed with the client.
- Manufacture and installation of the blinds shall comply with the requirements of the Irish standards I.S.EN 13120 internal blinds - performance including safety requirements.
- Materials used in the manufacture should meet the designation of 'flameproof' when assessed in accordance with BS 3120: 1959.
- A test certificate as in appendix c of "fire safety of furnishings and fittings in places of assembly" should be supplied for the blinds.

ROOF SPECIFICATION

- Roof finishes must have a service life span of a minimum of 40 years under normal conditions.
- Only suitably qualified and trained personnel shall undertake installation of roofing systems. The contractor is to provide evidence of suitability and training directly from the roofing material manufacturer of such personnel.
- The roofing manufacturer shall undertake periodic inspections during the installation. Upon completion of all roof construction elements, a mandatory final inspection and written report, with confirmations on the adequacy of construction, materials, finishes etc., must be undertaken and completed by the roofing manufacturer. This written report shall submitted for approval of D O'Sullivan Consulting Engineers.
- The entire roof system build up and associated components must have current NSAI or BBA certification.
- All associated flashing, upstands and ancillary weathering components shall be of a similar performance as the roof weathering sheet and shall be included in the required roof certification, guarantees and warranties. The use of third party materials not covered by such certification, guarantees and warranties is not acceptable.
- Evidence of independent test reports and certification for each of the following performance criteria contained in Table 1 below to be provided by the contractor for the proposed roof finish.

TABLE 1 - PERFORMANCE CRITERIA

REFERENCE	DOES REQUIREMENTS
Air Permeability (m/h/m2 @ 50pa)	≤3
Watertightness BS EN 14509:2013 BS EN 1928:2000 BS EN 13956:2012	Class A: Demanding applications with heavy rain and wind. The assembly shall be watertight up to 1,200 Pa (composite panel system) Class B : 150 kPa (roofing membranes)
Thermal Movement BS5427:2016+A1:2017	Code of practice for the use of profiled sheet for roof and wall cladding on buildings provides guidance on allowable tolerances
Durability	Metal pitched roof finishes: 40 years under normal service conditions
Acoustic Performance ISO 10140-1:2010/ 2:2014	The Indoor Ambient Noise Levels (IANL) must not exceed a 30dB limit above Table 1.0 levels contained in TGD-021-5 at the standardised heavy rainfall rate of 40mm/hr.
Thermal Transmittance EN ISO 6946: 2017 & BR 443	0.15W/m^2K
Thermal Bridging & surface condensation. IS EN ISO 13788:2012; IS EN ISO 10211:2007 Part 1 & 2; BRE Report BR 497 (2nd Edition).	The critical temperature factor (fCRsi) for avoiding mould growth in School Buildings is 0.75; Sports Halls, Kitchens & Canteens is 0.8 (TGD Part L D.2 & BRE IP1-06).
Interstitial Condensation Risk Analysis IS EN ISO 13788:2012 & BS 5250:2011+A1:2016. IS EN ISO 15026:2007	Humidity Class 4 buildings should be used for analysis under IS EN ISO 13788. In addition to the "Glaser method" (IS EN ISO 13788) transient hygrothermal simulation should be undertaken (IS EN ISO 15026) to assess condensation risks.

GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
3. ALL SETTING OUT DIMENSIONS TO BE CONFIRMED WITH THE ARCHITECT PRIOR TO CONSTRUCTION.

DRAWINGS FOR TENDER PURPOSES

D O SULLIVAN
CONSULTING ENGINEERS
Email: info@osconsulting.ie Phone:053 9489888 Company No: 491865
Address: 11 Cluainin, Gorey, Co. Wexford

CLIENT: The Board of Management

ADDRESS: Saint Saviour's National School, Station Road, Rathdrum, Co. Wicklow

DRAWING: Specifications

DATE:	SCALE:	REV:	DRAWING NO:
10/07/2026	A/S on A3		24_372_T10