



**ST. CLAIR CATHOLIC
DISTRICT SCHOOL BOARD**

Lighting the Way ~ Rejoicing in Our Journey

**REQUEST FOR TENDER
FOR
Roof Replacement**

**Good Shepherd Catholic School Thamesville, ON
St. Michael Catholic School Ridgetown, ON
St. Joseph Catholic School Tilbury, ON**

RFT #: 636-CP1704, 640-CP1704, 642-CP1704

**ADDENDUM #1
QUESTIONS & ANSWERS**

Due Date: Jan. 30, 2017 before 2:00:00p.m., Local Time

Submission Location: 525 Baldoon Road Chatham, ON N7L 5A9

Attention of:
Mr. Tony Prizio
Purchasing Department
St. Clair Catholic District School Board

**PARTIAL ROOF REPLACEMENT
FOR
ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD**

**TENDER
FOR
GOOD SHEPHERD CATHOLIC SCHOOL (642-CP1704)
ST. MICHAEL CATHOLIC HIGH SCHOOL (640-CP1704)
ST. JOSEPH CATHOLIC HIGH SCHOOL (636-CP1704)**

ADDENDUM № 1

The following items shall amend and supersede the Tender Documents which were issued at the Pre-Tender Site Meeting on December 15th, 2016.

1. IKO Industries Ltd. has submitted a List of Products to be considered as “Approved Equivalent” for Good Shepherd/St. Michael/St. Joseph Catholic Schools (See Enclosed). The proposed system has been reviewed and approved for this project.
2. **The following Roof Replacement Changes are required for Good Shepherd Catholic School.**

a) AREA ‘C’

Design Roof System

Pea Stone Roofing Gravel
On Flood Coat of Adhesive
On Two-Ply Modified Bitumen Membrane
On 3/16” Asphalt Protection Board
On Tapered Insulation as Noted
On New 2” Rigid Insulation (ISO)
On Existing Wood Deck

b) AREA ‘D’

Design Roof System

Pea Stone Roofing Gravel
On Flood Coat of Adhesive
On Two-Ply Modified Bitumen Membrane
On 3/16” Asphalt Protection Board
On Tapered Insulation as Noted
On New “4” Rigid Insulation (ISO)
On Vapour Retarder as Specified
On Existing Metal Deck

- c) The Perimeter Detail for Roof Area 'C' should be reconstructed in the similar fashion as shown on DGS-11.
- d) Enclosed is Roof Plan RGS-2 highlighting the cricket area which is required for this project.

3. The following Roof Replacement changes are required for St. Michael Catholic School.

- a) On Drawing RM-7, Area 'A' at the South Elevation was omitted.
- b) On Drawing RM-4, the arrow around the outside of Roof Area 'E' indicates the walls which are required to have metal siding on the exterior walls as shown on the elevations of Drawings RM-6 and RM-7.
- c) On the Original Drawing RM-4, Detail DM-8 was changed to Detail DM-18.
- d) On Drawing RM-3, Roof Area 'H' Perimeter Detail should be DM-14 and for Roof Area 'G', the Perimeter Detail would be constructed similar to DM-14 with the exception to the metal cap flashing being only the width of the top section (similar to DM-17 with 4 feet of vertical metal siding to the bottom of metal cap flashing as shown on Detail DM-14) on Roof Area 'H'.
- e) On Drawing RM-1, the Roof Plan indicates photographs at various sections on the Exterior South (*Photo 'A'*) and East Elevation (*Photos 'B' thru 'E'*) which require AD300 vertical metal siding (4 feet in height) across the brick veneer and existing metal siding with the following construction notes:

**At Brick Veneer
(Protruding Outward)**

- Install 1 ½" Z-Bars as specified at 2 feet on center
- Install new 1 ½" wall cavity rigid insulation
- With AD300R vertical metal siding as specified with accessories.

**At Existing Metal Siding
(Recessed Area)**

- Remove existing metal siding
- Install 4" Z-Bars as specified at 2 feet on center
- Install new 4" wall cavity rigid insulation
- With AD300R vertical metal siding as specified with accessories.

END OF ADDENDUM № 1



‘A’



‘B’



‘C’

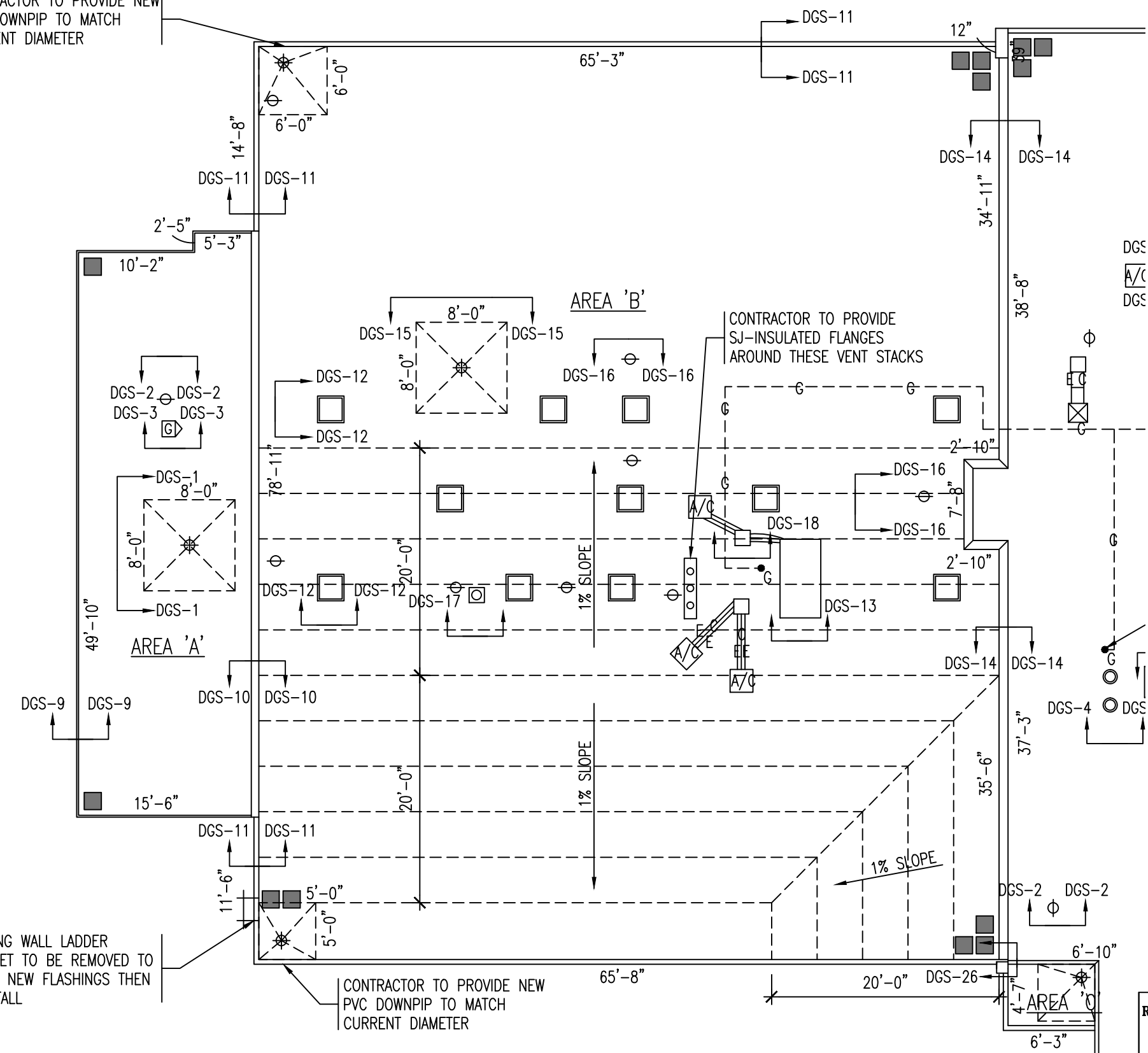


‘D’



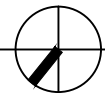
‘E’

CONTRACTOR TO PROVIDE NEW
PVC DOWNPIP TO MATCH
CURRENT DIAMETER



EXISTING WALL LADDER
BRACKET TO BE REMOVED TO
ALLOW NEW FLASHINGS THEN
REINSTALL

CONTRACTOR TO PROVIDE NEW
PVC DOWNPIP TO MATCH
CURRENT DIAMETER



ENLARGED ROOF PLAN - ROOF PENETRATION AND DIMENSIONS

SCALE : 3/32" = 1'-0"

LEGEND

- ROOF DRAIN
- VENT PIPE STACK
- EXHAUST FAN
- WALL LADDER
- BRACKET FOR EXTENSION LADDER
- ABANDONED CURB TO BE ELIMINATED
- HOT EXHAUST STACK
- EXHAUST STACK W/ DIRECTION
- GOOSE NECK EXHAUST FAN
- CONTROL JOINT
- CONCRETE PAVER W/ INSULATION CUSHION
- CONDENSING UNIT (NEW CONCRETE PAVER W/ INSULATION CUSHION)

TAPERED INSULATION
ROOF DRAIN - 2% SLOPE

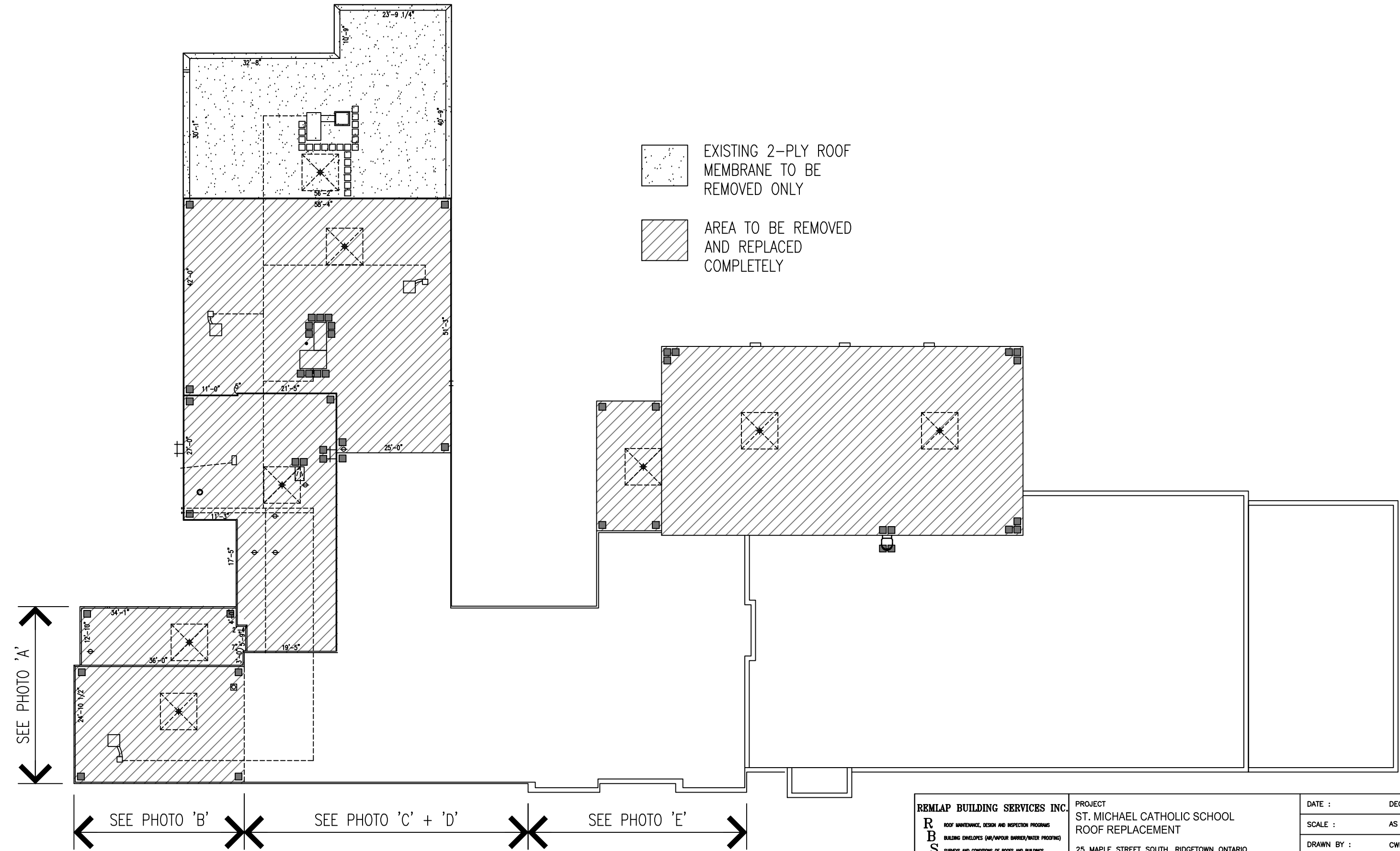
CRICKET - 1% SLOPE
REVISED JAN 17, 2017

REMLAP BUILDING SERVICES INC.	
R B S	
ROOF MAINTENANCE, DESIGN AND INSPECTION PROGRAMS BUILDING ENVELOPES (AIR/VAPOUR BARRIER/WATER PROOFING) SURVEYS AND CONDITIONS OF ROOFS AND BUILDINGS	
Christopher W. Palmer, C.E.T.	
1407 Gore Road Harrow, Ontario N9R 1G0	Tel: (519) 738-3458 Fax: (519) 738-4797
DATE (MM-DD-YY) 12-2-16	ISSUED FOR OWNER REVIEW
12-8-16	TENDER

PROJECT
GOOD SHEPHERD CATHOLIC SCHOOL
ROOF REPLACEMENT
4 EDITH ST., THAMESVILLE ONTARIO
CLIENT
ST. CLAIR CATHOLIC DISTRICT
SCHOOL BOARD

DRAWING TITLE
ENLARGED ROOF PLAN - ROOF

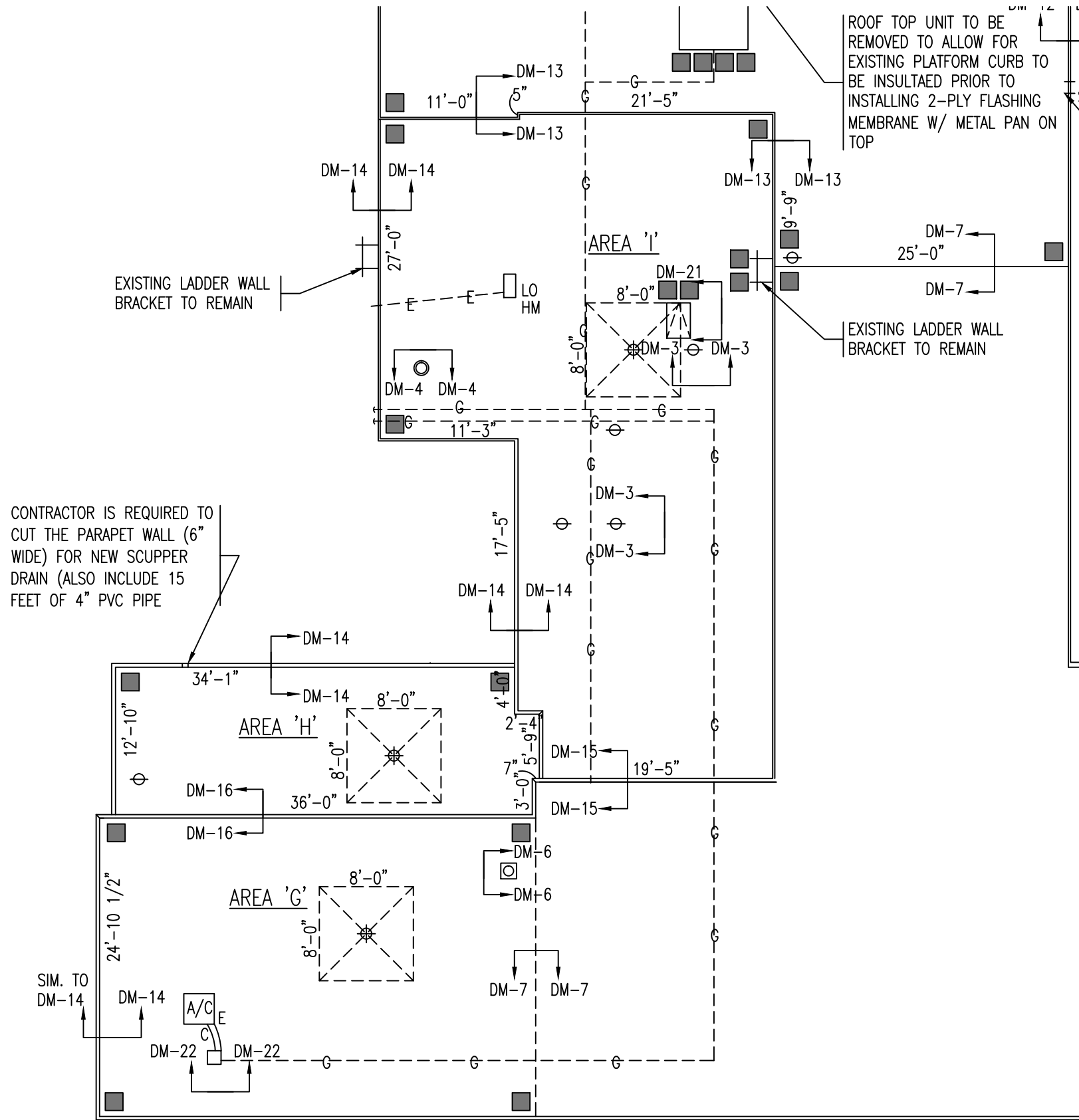
DATE :	AUGUST 2016
SCALE :	AS SHOWN
DRAWN BY :	CWP
CHK. BY :	CWP
SHEET SIZE :	11"x17"
PROJECT FILE NO.	RBS16-66
DRAWING NO.	RGS-2



 **KEY ROOF PLAN**
SCALE : 1" = 30'-0"

-  EXISTING 2-PLY ROOF MEMBRANE TO BE REMOVED ONLY
-  AREA TO BE REMOVED AND REPLACED COMPLETELY

REMLAP BUILDING SERVICES INC. RBS ROOF MAINTENANCE, DESIGN AND INSPECTION PROGRAMS BUILDING ENVELOPES (AIR/VAPOUR BARRIER/WATER PROOFING) SURVEYS AND CONDITIONS OF ROOFS AND BUILDINGS Christopher W. Palmer, C.E.T. 1407 Gore Road Harrow, Ontario N0R 1G0 Tel: (519) 738-3458 Fax: (519) 738-4797		PROJECT ST. MICHAEL CATHOLIC SCHOOL ROOF REPLACEMENT 25 MAPLE STREET SOUTH, RIDGETOWN ONTARIO	DATE : DECEMBER 2016
			SCALE : AS SHOWN
		CLIENT ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD	DRAWN BY : CWP
			CHK. BY : CWP
DATE (MM-DD-YY) 12-8-16 1-17-17	ISSUED FOR TENDER REVISED	DRAWING TITLE KEY ROOF PLAN	PROJECT FILE NO. RBS16-67 DRAWING NO. RM-1



LEGEND

⊕

ROOF DRAIN

⊕

VENT PIPE STACK

⊕

EXHAUST FAN

≡≡

WALL LADDER

≡≡

BRACKET FOR EXTENSION LADDER

⊗

ABANDONED CURB TO BE ELIMINATED

⊙

HOT EXHAUST STACK

⊙

EXHAUST STACK W/ DIRECTION

G

GOOSE NECK EXHAUST FAN

---CJ---

CONTROL JOINT

■

CONCRETE PAVER W/ INSULATION CUSHION

A/C

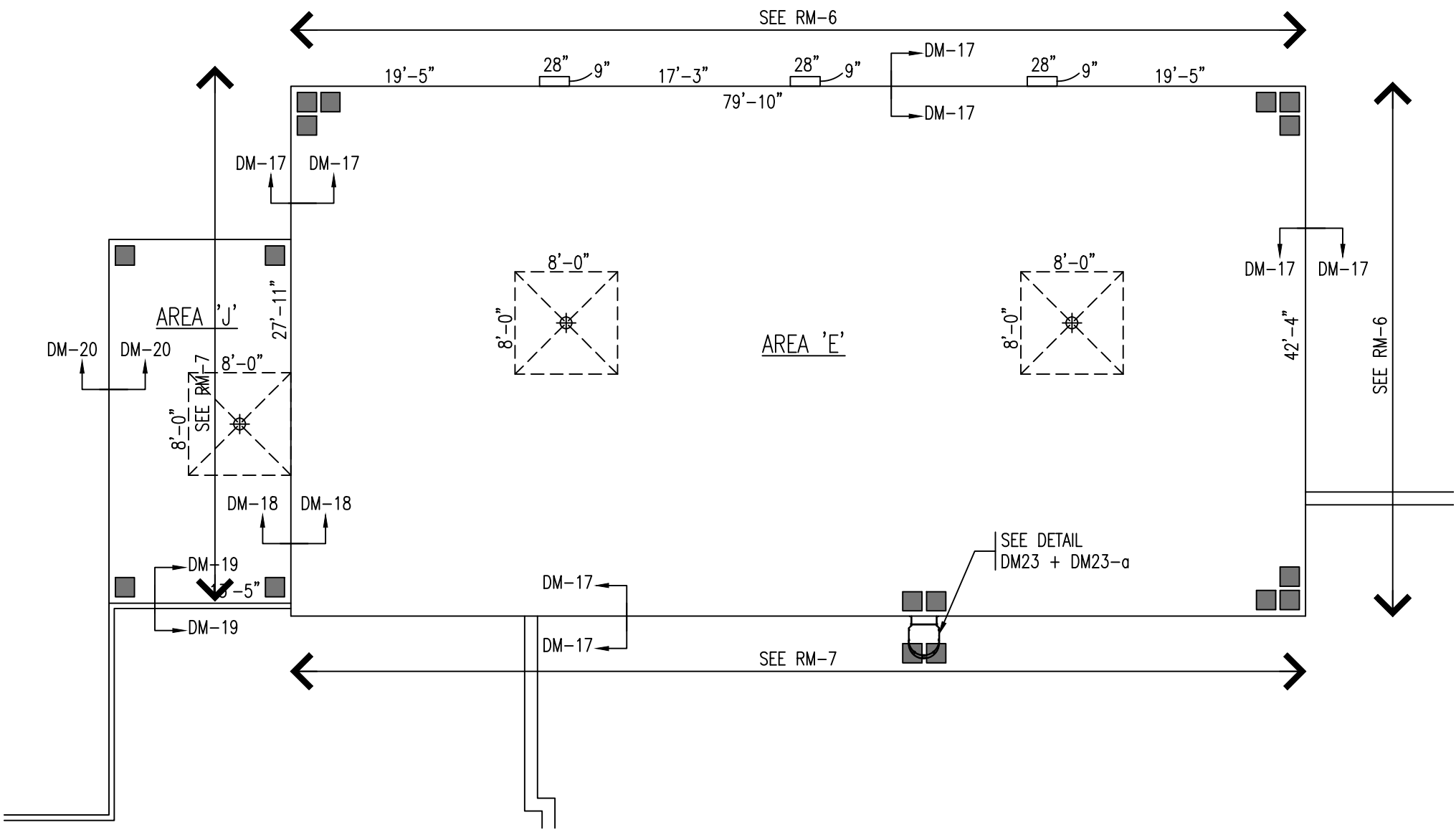
CONDENSING UNIT (NEW CONCRETE PAVER W/ INSULATION CUSHION)

TAPERED INSULATION
 ROOF DRAIN - 2% SLOPE
 CRICKET - 1% SLOPE

ENLARGED ROOF PLAN - ROOF PENETRATION AND DIMENSIONS

SCALE : 3/32" = 1'-0"

REMLAP BUILDING SERVICES INC. RBS ROOF MAINTENANCE, DESIGN AND INSPECTION PROGRAMS BUILDING ENVELOPES (AIR/VAPOUR BARRIER/WATER PROOFING) SURVEYS AND CONDITIONS OF ROOFS AND BUILDINGS Christopher W. Palmer, C.E.T. 1407 Gore Road Huron, Ontario N0R 1G0 Tel: (519) 738-3408 Fax: (519) 738-4787	PROJECT ST. MICHAEL CATHOLIC SCHOOL ROOF REPLACEMENT 25 MAPLE STREET SOUTH, RIDGETOWN ONTARIO	DATE :	DECEMBER 2016
		SCALE :	AS SHOWN
		DRAWN BY :	CWP
	CLIENT ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD	CHK. BY :	CWP
		SHEET SIZE :	11"x17"
DATE (MM-DD-YY) 12-8-16 1-17-17	ISSUED FOR TENDER REVISED	DRAWING TITLE	PROJECT FILE NO. RBS16-67 DRAWING NO. RM-3
ENLARGED ROOF PLAN - ROOF AREA 'I', 'H' + 'G'			



LEGEND

ROOF DRAIN

VENT PIPE STACK

EXHAUST FAN

WALL LADDER

BRACKET FOR EXTENSION LADDER

ABANDONED CURB TO BE ELIMINATED

HOT EXHAUST STACK

EXHAUST STACK W/ DIRECTION

GOOSE NECK EXHAUST FAN

CONTROL JOINT

CONCRETE PAVER W/ INSULATION CUSHION

CONDENSING UNIT (NEW CONCRETE PAVER W/ INSULATION CUSHION)

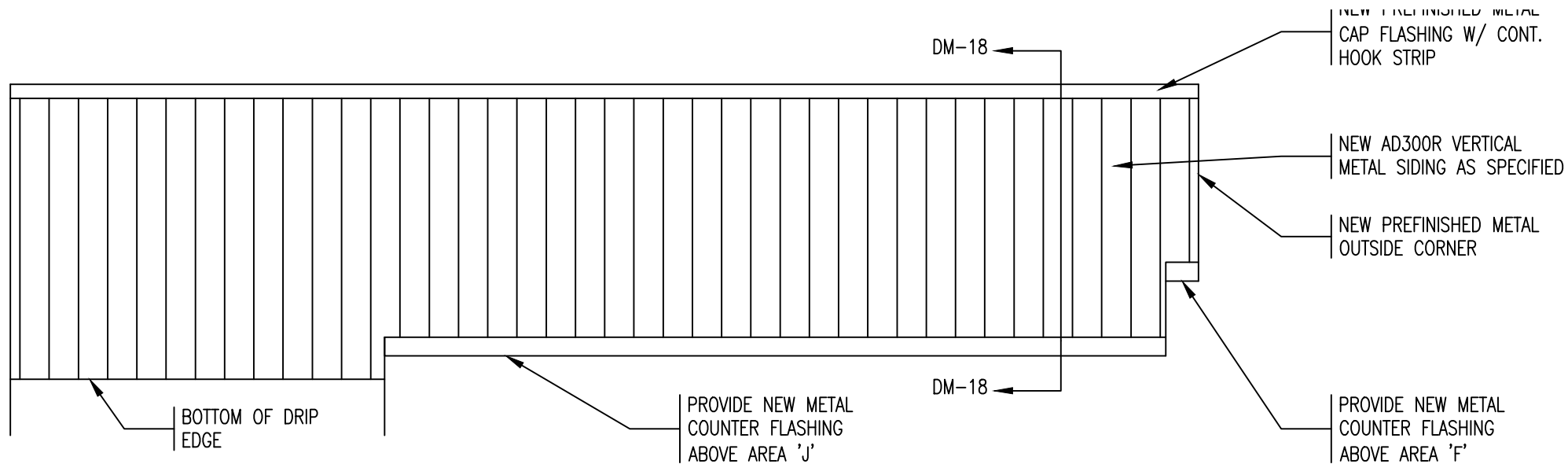
TAPERED INSULATION
ROOF DRAIN - 2% SLOPE

CRICKET - 1% SLOPE

ENLARGED ROOF PLAN - ROOF PENETRATION AND DIMENSIONS

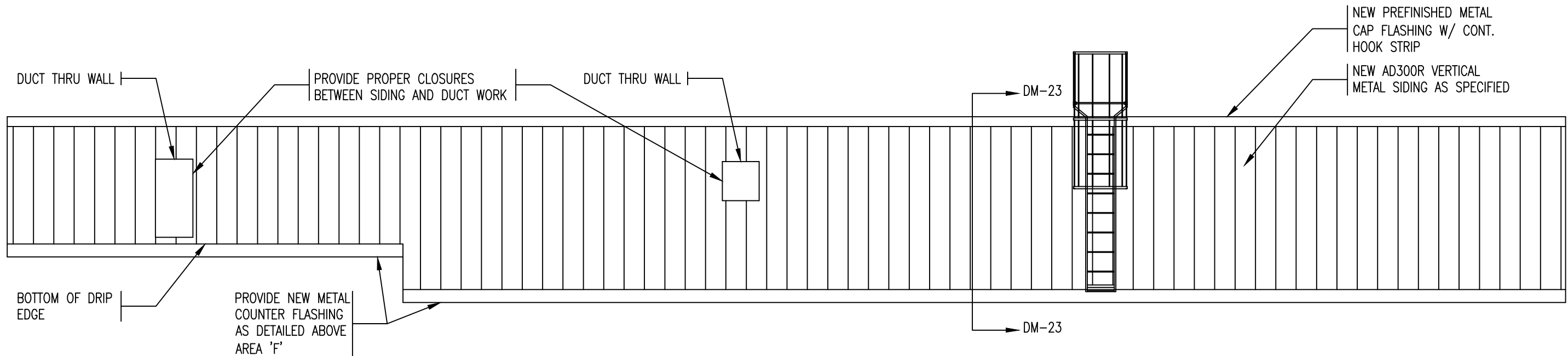
SCALE : 3/32" = 1'-0"

REMLAP BUILDING SERVICES INC. R B S ROOF MAINTENANCE, DESIGN AND INSPECTION PROGRAMS BUILDING ENVELOPES (AIR/VAPOUR BARRIER/WATER PROOFING) SURVEYS AND CONDITIONS OF ROOFS AND BUILDINGS Christopher W. Palmer, C.E.T. 1407 Gore Road Harrow, Ontario N0R 1G0 Tel: (519) 738-3458 Fax: (519) 738-4797		PROJECT ST. MICHAEL CATHOLIC SCHOOL ROOF REPLACEMENT		DATE : DECEMBER 2016	
		25 MAPLE STREET SOUTH, RIDGETOWN ONTARIO		SCALE : AS SHOWN	
				DRAWN BY : CWP	
				CHK. BY : CWP	
CLIENT ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD		SHEET SIZE : 11"x17"			
		PROJECT FILE NO. RBS16-67			
		DRAWING NO. RM-4			
DATE (MM-DD-YY)	ISSUED FOR	DRAWING TITLE ENLARGED ROOF PLAN - ROOF AREA 'E' + 'J'			
12-8-16	TENDER				
1-17-17	REVISED				



SOUTH ELEVATION

SCALE : 3/16" = 1'-0"



EAST ELEVATION

SCALE : 3/16" = 1'-0"



REMLAP BUILDING SERVICES INC. R B S ROOF MAINTENANCE, DESIGN AND INSPECTION PROGRAMS BUILDING ENVELOPES (AIR/VAPOUR BARRIER/WATER PROOFING) SURVEYS AND CONDITIONS OF ROOFS AND BUILDINGS Christopher W. Palmer, C.E.T. 1407 Gore Road Harrow, Ontario N0R 1G0 Tel: (519) 738-3458 Fax: (519)738-4797		PROJECT ST. MICHAEL CATHOLIC SCHOOL ROOF REPLACEMENT		DATE : DECEMBER 2016	
		25 MAPLE STREET SOUTH, RIDGETOWN ONTARIO		SCALE : AS SHOWN	
				DRAWN BY : CWP	
				CHK. BY : CWP	
DATE (MM-DD-YY) 12-8-16 1-17-17		CLIENT ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD		SHEET SIZE : 11"x17"	
		DRAWING TITLE ELEVATIONS		PROJECT FILE NO. RBS16-67	
				DRAWING NO. RM-7	
		ISSUED FOR			
TENDER					
REVISED					

RE: IKO Request for Equal –St. Joseph Catholic School (Project No. 636-CP1704) – Roof Replacement

Dear Mr. Prizio,

We have received inquiries from a number of roofing contractors that would like to submit pricing on an IKO cold-applied SBS Modified Roofing system, in lieu of what has been specified. We have reviewed the above captioned project tender specifications, and respectfully request that IKO Industries Ltd. be considered an “Approved Equivalent” to the specified manufacturers – Henry Company and Soprema.

IKO Industries Ltd is a Canadian-based, vertically integrated company that manufactures a full product-line of compatible roofing assembly system components and offers a single-source warranty.

Our equivalent products are indicated below, listed in sequence to the specification. We have also included supporting documentation on the relevant technical data sheets for your reference.

<i>Roof Replacement - Based on Option No. 2 - Soprema</i>			
Spec. Sequence Number	Item Description	Soprema	IKO
3.1.2	Membrane System Warranty	15 Year Membrane and Workmanship Warranty	15 Year Diamond Shield Limited Warranty (includes materials, labour, and workmanship)
6.1	Modified Bitumen Membrane	i) Base Sheet – Sopralene 180 S/P for Cap Sheet ii) Self-Adhesive Membrane – NP 180 Tack Sheet iii) Cap Sheet – NP250gT4 (for flashing membrane)	i) Base Sheet – Torchflex TP-180-SF-Base 3.5mm for Cap Sheet ii) Self-Adhesive Membrane – Armourbond 180 iii) Cap Sheet – Torchflex TP-250-CAP (for flashing membrane)
6.4	Insulation Support Panel	Soprasmart Board 180	Protectobase 180
6.6	Two Part Urethane Adhesive	Duotack	Millennium Adhesive
6.13	Elastomeric Modified Bitumen Adhesive	Colply EF	Cold Gold Field Adhesive
6.21	Plastic Roof Cement	Pro-Grade Plastomers 810-21	Aquabarrier Mastic

RE: IKO Request for Equal – St. Michael Catholic School (Project No. 640-CP1704) & Good Shepherd Catholic School (Project No. 642-CP1704) – Roof Replacement

Dear Mr. Prizio,

We have received inquiries from a number of roofing contractors that would like to submit pricing on an IKO cold-applied SBS Modified Roofing system, in lieu of what has been specified. We have reviewed the above captioned project tender specifications, and respectfully request that IKO Industries Ltd. be considered an “Approved Equivalent” to the specified manufacturers – Henry Company and Soprema.

IKO Industries Ltd is a Canadian-based, vertically integrated company that manufactures a full product-line of compatible roofing assembly system components and offers a single-source warranty.

Our equivalent products are indicated below, listed in sequence to the specification. We have also included supporting documentation on the relevant technical data sheets for your reference.

<i>Roof Replacement - Based on Option No. 2 - Soprema</i>			
Spec. Sequence Number	Item Description	Soprema	IKO
3.1.2	Membrane System Warranty	15 Year Membrane and Workmanship Warranty	15 Year Diamond Shield Limited Warranty (includes materials, labour, and workmanship)
6.1	Modified Bitumen Membrane	i) Base Sheet – Sopralene 180 S/P for Cap Sheet ii) Self-Adhesive Membrane – NP 180 Tack Sheet iii) Cap Sheet – NP250gT4 (for flashing membrane)	i) Base Sheet – Torchflex TP-180-SF-Base 3.5mm for Cap Sheet ii) Self-Adhesive Membrane – Armourbond 180 iii) Cap Sheet – Torchflex TP-250-CAP (for flashing membrane)
6.3	Vapour Retarder	Sopravap'R	MVP
6.4	Insulation Support Panel	Soprasmart Board 180	Protectobase 180
6.5	Primer	Elastocol Stick	S.A.M. Adhesive
6.6	Two Part Urethane Adhesive	Duotack	Millennium Adhesive
6.11	Rigid Insulation	Rigid Closed Cell, Polyiso Foam Insulation, integrally laminated to fiber-reinforced paper facers.	IKOTherm
6.13	Elastomeric Modified Bitumen Adhesive	Colply EF	Cold Gold Field Adhesive
6.21	Plastic Roof Cement	Pro-Grade Plastomers 810-21	Aquabarrier Mastic