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				<div>GARLAND CANADA INC 209 Carrier Drive, Toronto, ON M9W 5Y8 TEL: 1-800-387-5991 www.garlandcanada.com</div>
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1

EXISTING COMPOSITION

COMPOSITIONS

NEW COMPOSITION

DEMO

EXISTING

DEMOLITION NOTES

1.

Demolish all roof components to
2.

Demolish and dispose of all redundant penetrations as indicated in the drawings
3.

Remove and dispose of all metal flashing and counter-flashing
4.

Dispose of all debris to an authorized land field or dumping site.
5.

At the end the demolition, properly clean the surface of all areas.

SPECIFIC NOTES

1.

Before the demolition of the system, identify with the owner's representative all components to recuperate or services to interrupt.
2.

Take all necessary measures to reduce the amount of dust and debris generated during the demolition.
3.

Do not execute work involving excessive noise during the working hours of the building occupants. Coordinate with the owner's representative all work of such nature.
4.

Protect the building, adjacent buildings, properties and people from any demolition hazards including but not limited to: dust, debris, injuries and accidents.
5.

Coordinate with the owner's representative the need of protecting any ventilation equipment or intakes.
6.

Coordinate with the owner's representative the need of installing any interior protection and avoid any disruption to the building occupants.
7.

Protect all roof sections that are not included in this scope of work against any damages and proceed with necessary repairs.
8.

Advise the consultant of all deficiencies or structural damages before continuing the work. Such conditions must not be covered before its assessment by the consultant or a licensed engineer.
9.

Stop all demolition work if it jeopardizes the structural integrity of the building or any adjacent building.
10.

Extend parapets height to a minimum of 4".

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CONSTRUCTION NOTES

































SPECIFIC CONSTRUCTION NOTES

1. ALL WORK MUST COMPLY WITH NBCC 2015, NPCC 2015, NFCC 2015, NECB 2017, SMACNA ARCHITECTURAL SHEET METAL MANUAL, RCABC ROOFING MANUAL, CSA B149.10, CSA B52, TSBC REQUIREMENTS AS WELL AS ANY OTHER APPLICABLE FEDERAL, PROVINCIAL OR MUNICIPAL CODE OR BYLAW.
2. TAKE ALL PRECAUTIONS IN ORDER TO MINIMIZE SMELL, DUST AND FALLING DEBRIS DURING CONSTRUCTION. CLOSE OR PROTECT IF NECESSARY ALL INTAKE UNITES.
3. SET UP A SAFETY PERIMETER IN CORRESPONDING WORK AREA INSIDE AND AROUND THE BUILDING.
4. SET UP A SAFETY PERIMETER IN THE AREAS OF MOBILIZATION IN ORDER TO PREVENT ALL HAZARDS AND PROTECT PEOPLE AND PROPERTIES.
5. CONFIRM WITH THE OWNER IF AREAS INSIDE THE BUILDING MUST BE EVACUATED OR PROTECTED DURING WORK EXECUTION. TAKE ALL NECESSARY PRECAUTIONS IN ORDER TO SATISFY THE OCCUPANTS OF THE BUILDING.
6. ALL WORK MUST REMAIN WATERTIGHT DURING THE PROJECT. TAKE ALL NECESSARY PRECAUTIONS IN ORDER TO AVOID ANY LEAKS EVEN WITH TEMPORARY SEALS.
7. PHASED ROOFING IS NOT PERMITTED. ALL SYSTEM PLIES MUST BE INSTALLED DURING THE SAME WORK DAY. ONLY DEMOLISH WHAT CAN BE FULLY RECOVERED WITHIN THE SAME DAY.
8. INSTALL TEMPORARY WATER CUT-OFFS AT THE END OF EACH WORK DAY.
9. THE CONTRACTOR MUST VERIFY MEASUREMENT AND COMPOSITION PRIOR TO SUBMITTING ANY QUOTATION.
10. PREPARE AND CLEAN ALL AREAS FROM ANY DAMAGE.
11. KEEP JOB SITE ORGANIZED AND CLEAN AT ALL TIMES.
12. ROOF DRAINS – CONNECTION OF REPLACEMENT AND NEW ROOF DRAINS SHALL BE CONNECTED TO EXISTING PIPING USING CODE COMPLAINT MATERIALS AND METHODS, INCLUDING MECHANICAL JOINTS (CSA B602) AND PIPING MATERIALS (CSA B70) COMPLIANT WITH NPCC 2015. CONCENTRIC MJS SHALL EMPLOY A STAINLESS STEEL SHEAR BAND.
13. PIPE SUPPORT – PIPES AND JOINTS SHALL BE SUPPORTED AND BRACED IN ACCORDANCE WITH NPCC AND TO ENSURE NO JOINT SEPARATION IS EXPERIENCED AS A RESULT OF PIPE WEIGHT OR WATER COLUMN. PROVIDE NEW INSULATION FOR ALL NEW PIPING INCLUDING AT UNDERSIDE OF NEW DRAIN BODIES.
14. INSULATION – REPAIR ANY DAMAGED RAINWATER LEADER INSULATION AND VAPOUR BARRIER AS REQUIRED AS A RESULT OF PERFORMING THIS WORK.
15. TRADES – ALL WORK ON MECHANICAL AND PLUMBING SYSTEMS TO BE PERFORMED BY LICENSED AND QUALIFIED TRADES COMMENSURATE WITH THE SYSTEM BEING WORKED ON.

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	Drain		Vent
	Duct Work		Vent on Curb
	Equipment support		Pitch Pocket
	Roof Hatch		Redundant Curb
	Insulation Vent		Satellite Antenna
	Ladder		Scupper
	Ladder with crinoline		Guy Wire Cable wire
	Cable anchor		Gas Line
	Expansion joint		Equipment Support
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	Plumbing Vent		
	Plumbing vent on curb		
	Water Tower		
	Life line anchor		



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1DETAIL COORDINATION PLAN - UNIT A

2DETAIL COORDINATION PLAN - UNIT B

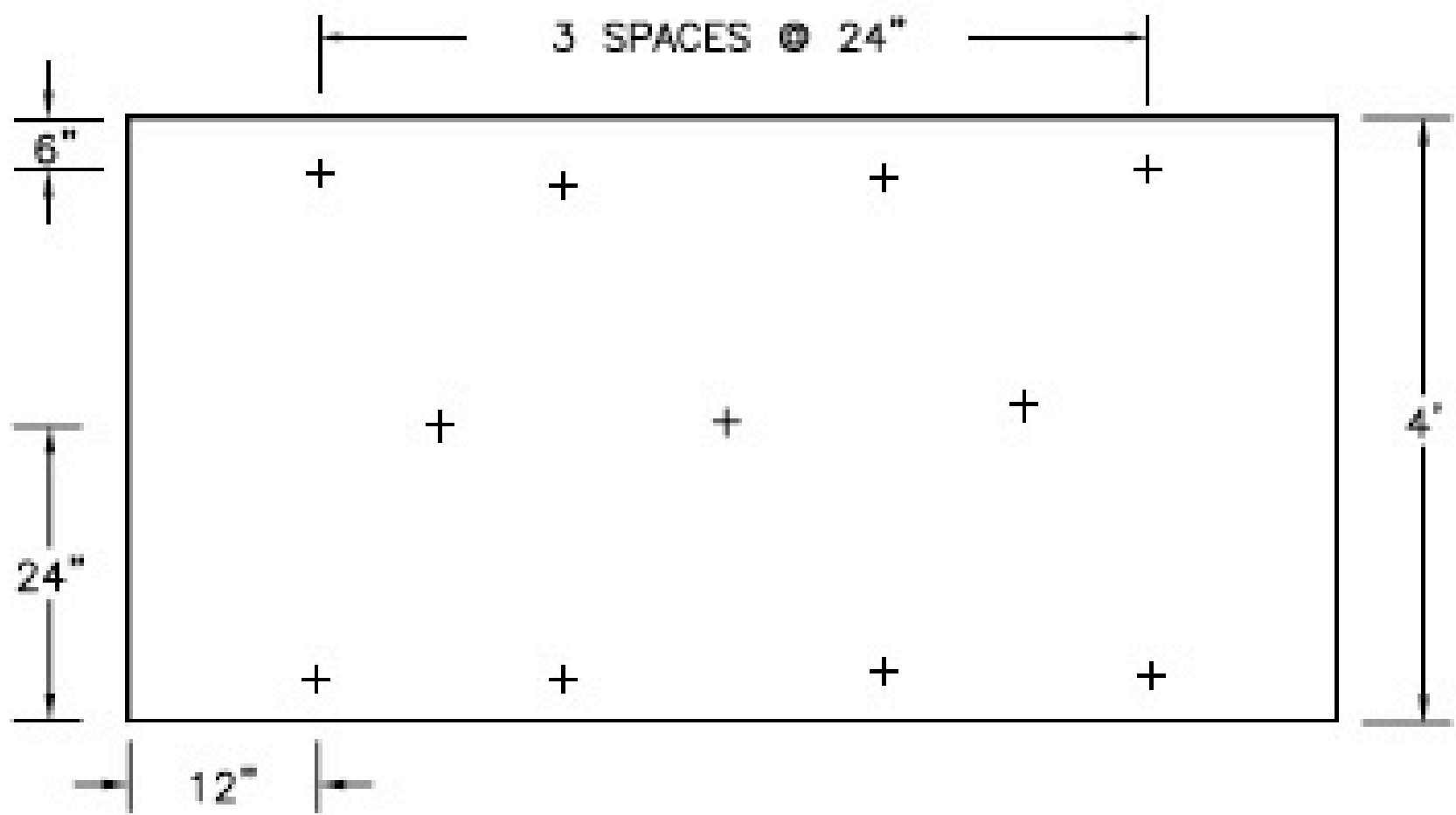
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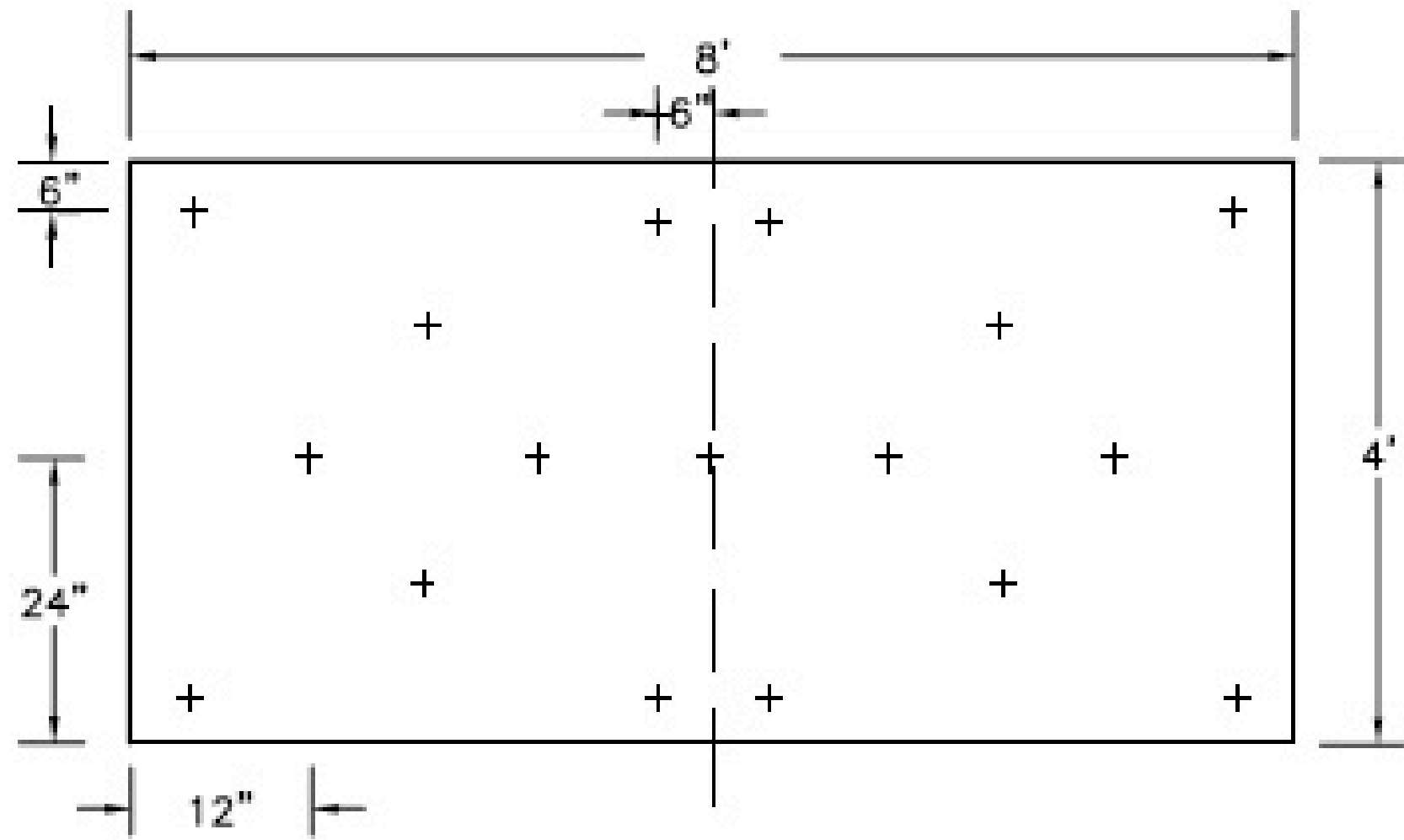


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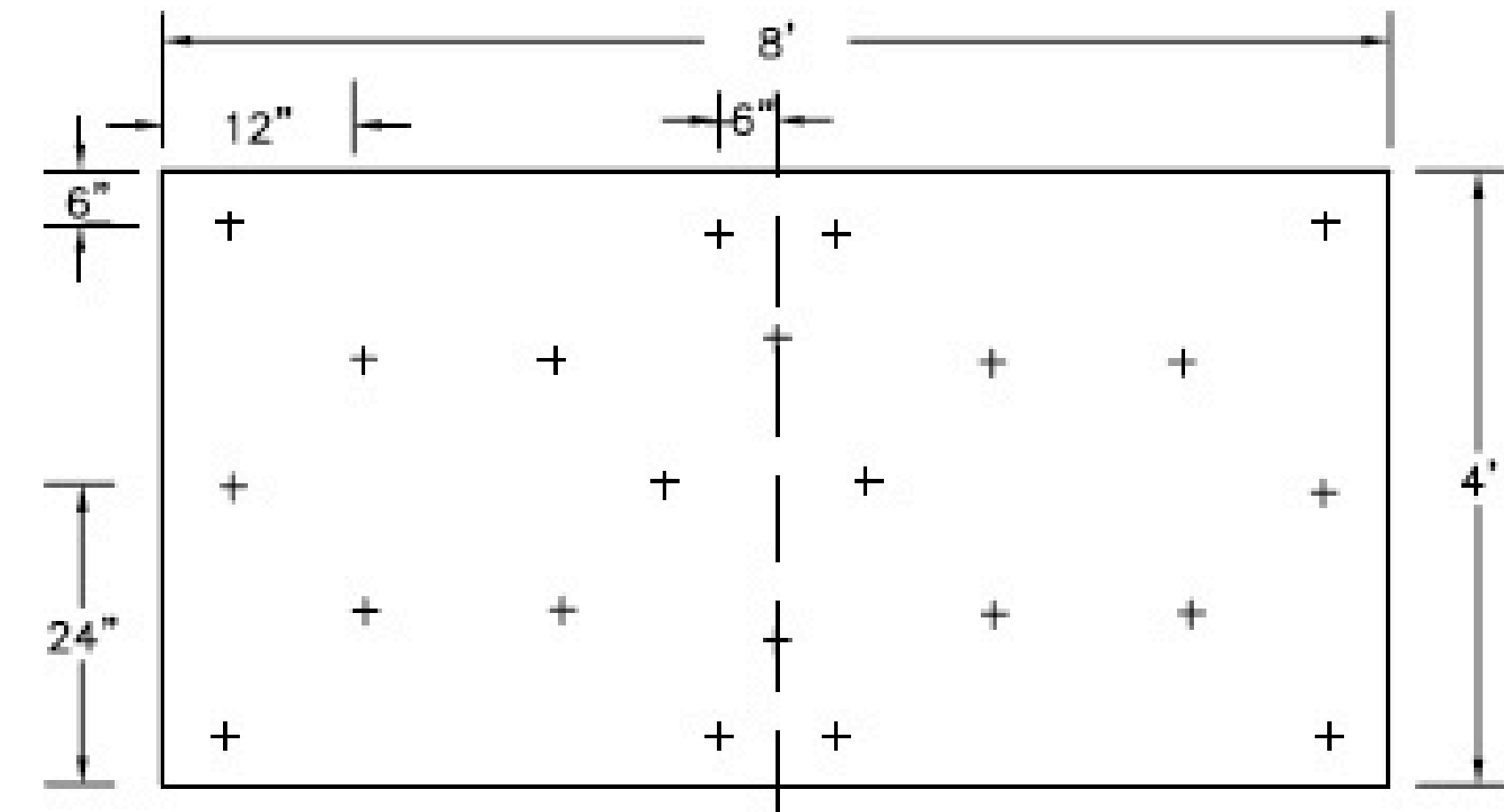
ZONE 1 INSULATION BOARD FASTENER PATTERN: 11 FASTENERS PER BOARD



ZONE 2 INSULATION BOARD FASTENER PATTERN: 17 FASTENERS PER BOARD

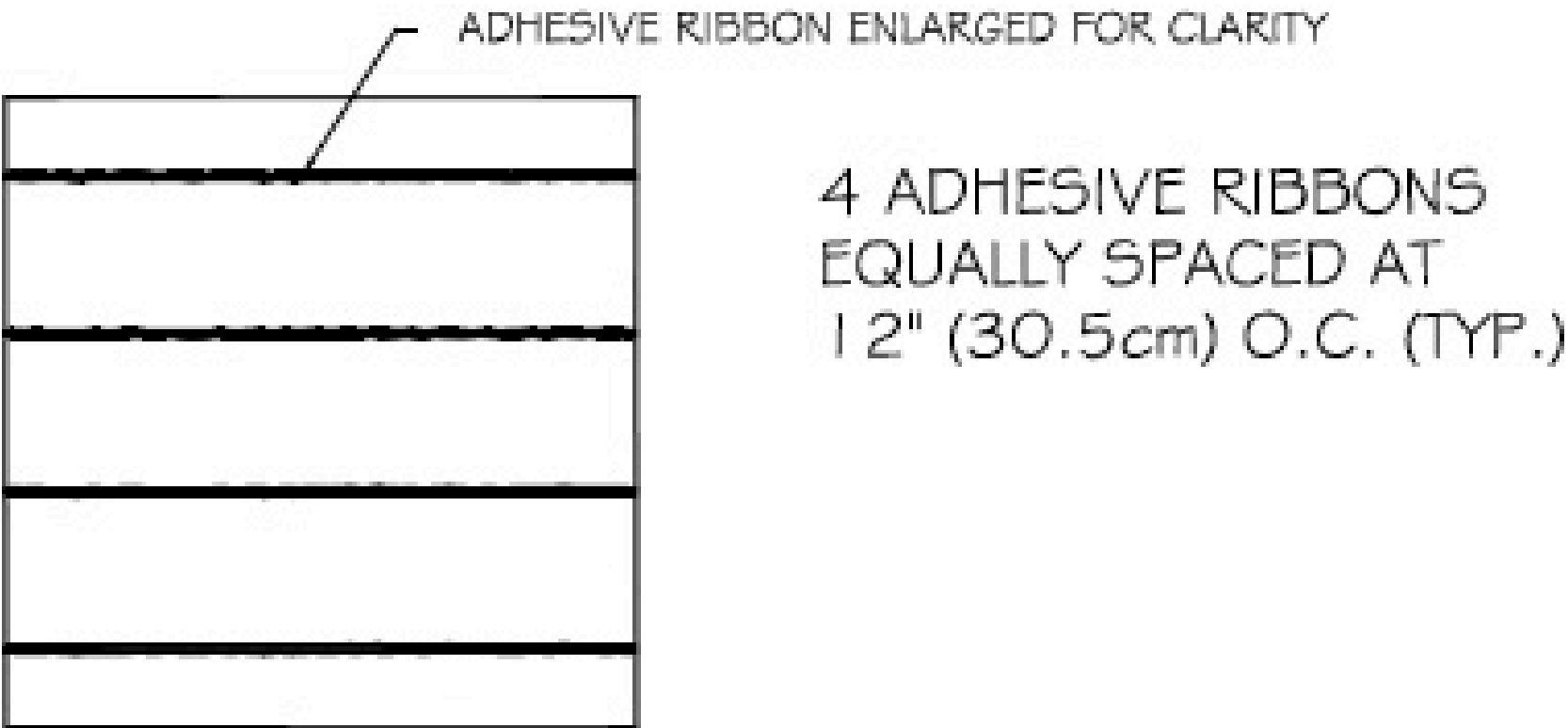


ZONE 3 INSULATION BOARD FASTENER PATTERN: 22 FASTENERS PER BOARD

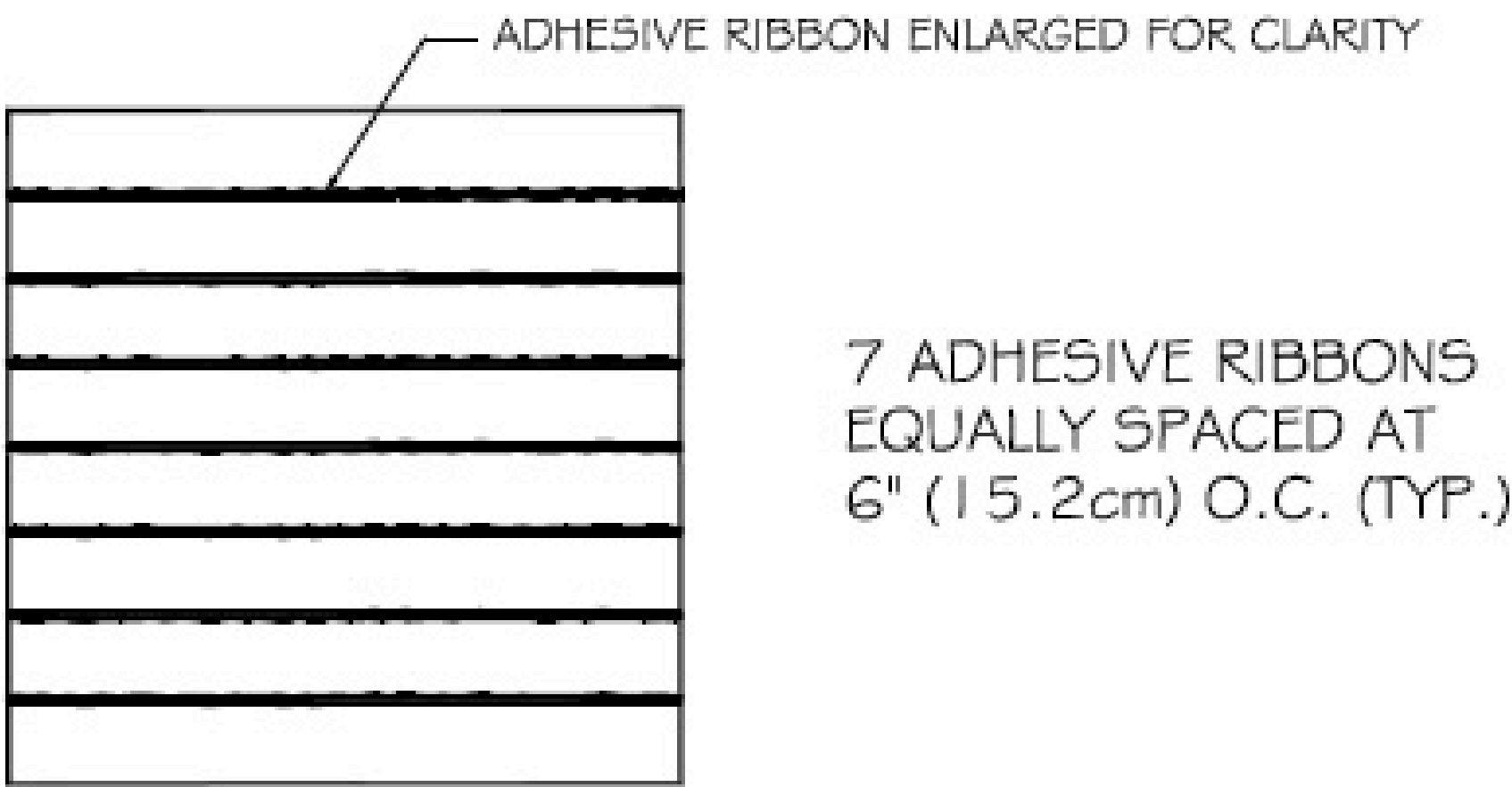


1 CONSTRUCTION DETAIL: FASTENING PATTERN

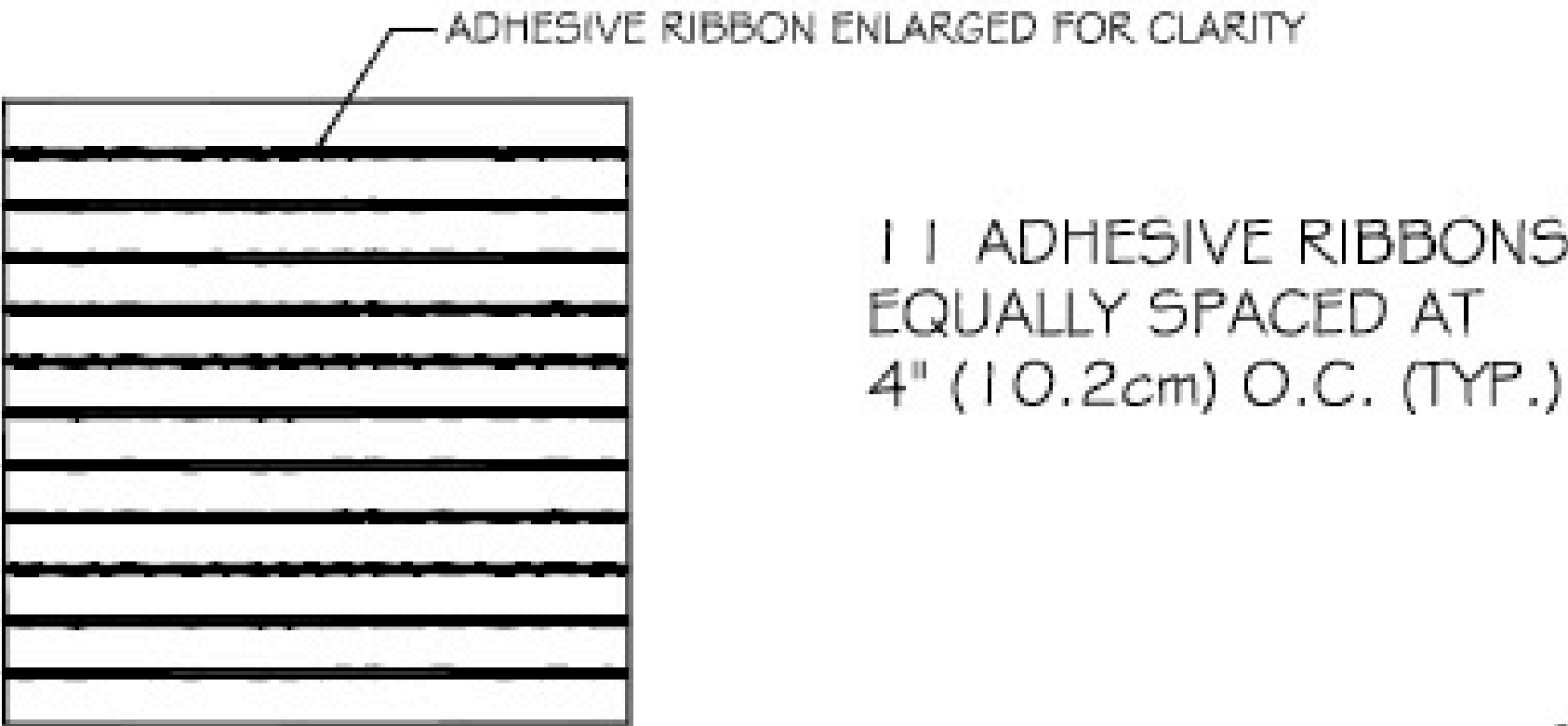
TYPICAL ZONE 1 INSULATION BOARD ADHESIVE PATTERN: 12" OC BEADS PER BOARD




TYPICAL ZONE 2 INSULATION BOARD ADHESIVE PATTERN: 6" OC BEADS PER BOARD



TYPICAL ZONE 3 INSULATION BOARD ADHESIVE PATTERN: 4" OC BEADS PER BOARD



2 CONSTRUCTION DETAIL:ADHESIVE RIBBON SPACING

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