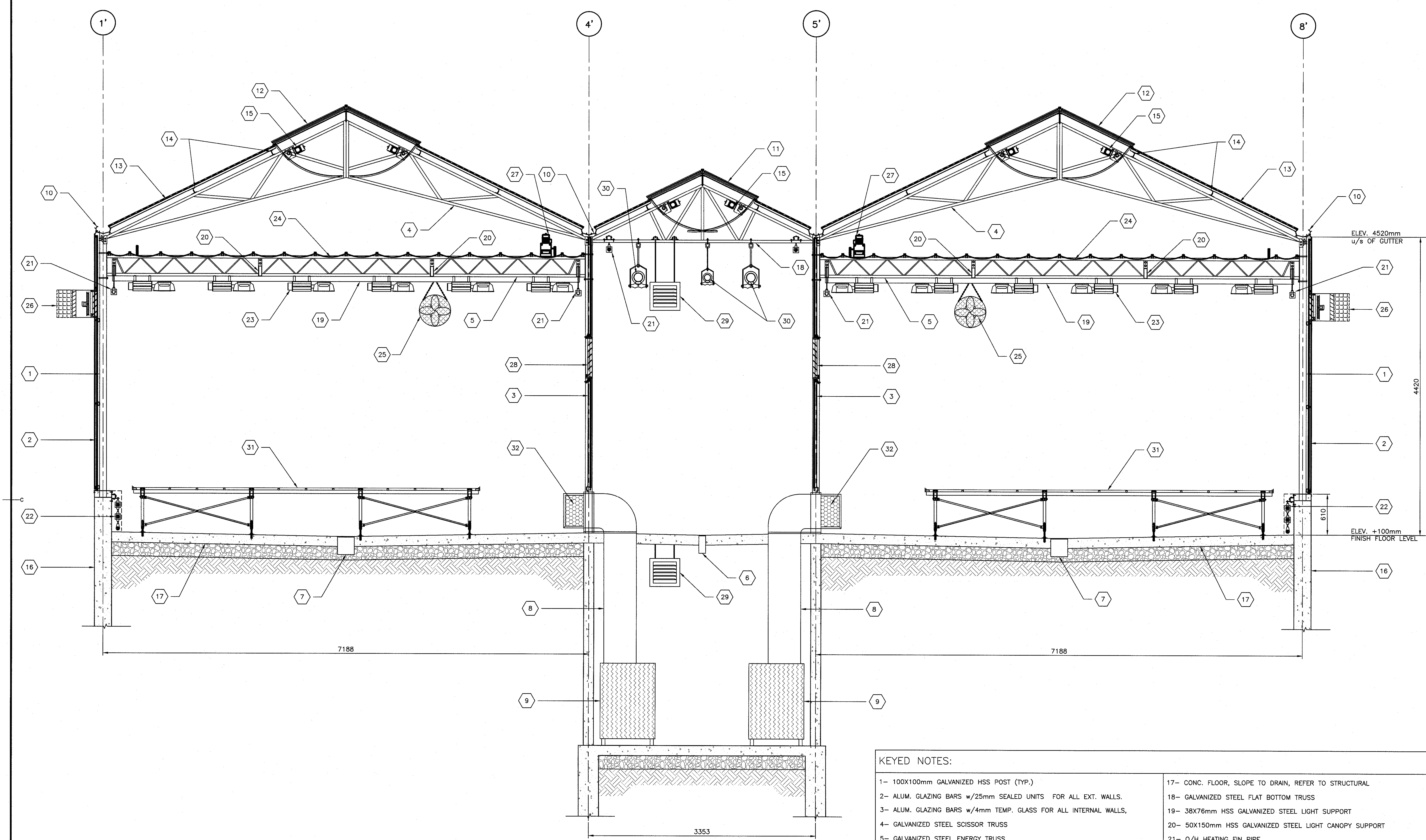


2	ISSUED FOR TENDER	9-10-15
1	ISSUED FOR 66% SUBMISSION	15-9-15
revisions		date

project
**AAFC GREENHOUSE
EXPANSION
HARRINGTON RESEARCH
FARM
HARRINGTON, PEI**
project

drawing
**GREENHOUSE
CROSS SECTION**
design

designed	AT	comp.
drawn	AE	design
date	JULY 21, 2015	
approved	<i>[Signature]</i>	approved
date		
Tender		Submission
PWOSC Project Manager	Administrateur de projets TPSC	
project number		no. du projet
	R.072545.001	
drawing no.		no. du dessin
	GH-04	



GREENHOUSE CROSS SECTION
SCALE: 1:25
0mm 500mm 1000mm 1500mm 2000mm 2500mm

- KEYED NOTES:**
- | | |
|---|--|
| 1- 100x100mm GALVANIZED HSS POST (TYP.) | 17- CONC. FLOOR, SLOPE TO DRAIN, REFER TO STRUCTURAL |
| 2- ALUM. GLAZING BARS w/25mm SEALED UNITS FOR ALL EXT. WALLS. | 18- GALVANIZED STEEL FLAT BOTTOM TRUSS |
| 3- ALUM. GLAZING BARS w/4mm TEMP. GLASS FOR ALL INTERNAL WALLS. | 19- 38x76mm HSS GALVANIZED STEEL LIGHT SUPPORT |
| 4- GALVANIZED STEEL SCISSOR TRUSS | 20- 50x150mm HSS GALVANIZED STEEL LIGHT CANOPY SUPPORT |
| 5- GALVANIZED STEEL ENERGY TRUSS | 21- O/H HEATING FIN PIPE |
| 6- FLOOR DRAIN, REFER TO MECHANICAL | 22- PERIMETER HEATING FIN PIPE |
| 7- TRENCH DRAIN, REFER TO MECHANICAL | 23- 400W, 347V HPS. LIGHT FIXTURE, c/w SUPPORT BRACKET, 1200mm OF CHORD & TWIST LOCK PLUG [TYP.], REFER TO DRAWING GH-10 FOR THE QUANTITIES OF FIXTURES REQUIRED FOR EACH COMPARTMENT. |
| 8- 480x556mm VERTICAL GALVANIZED AIR SUPPLY DUCT, REFER TO DRAWING GH-15 FOR DETAIL OF THE DUCT ELBOW TO THE GREENHOUSE COMPARTMENT | 24- HORIZONTAL SHADE SYSTEM |
| 9- EVAPORATIVE COOLER | 25- HAF FAN |
| 10- ALUM. GUTTER | 26- POSITIVE PRESSURE FAN |
| 11- 914mm DEEP ROOF VENT, w/ACCORDION INSECT SCREEN | 27- HORIZONTAL SHADE MOTOR |
| 12- 1200mm DEEP ROOF VENT, w/ACCORDION INSECT SCREEN | 28- TRANSFER LOUVER |
| 13- ALUM. GLAZING SYSTEM w/4mm MIN. LAMINATED TEMP GLASS, w/FOUR SIDES EDGE SUPPORTS | 29- UNIT HEATER |
| 14- ROOF PURLINS | 30- HW MAINS |
| 15- ROOF VENT MOTOR | 31- ROLL TOP BENCH |
| 16- FOUNDATION WALL - REFER TO STRUCTURAL | 32- BUG SCREEN, REFER TO DRAWING GH-15 |