

EMIS POUR / ISSUED FOR:

INFORMATION ☐
 APPROBATION / APPROVAL ☐
 PERMIS / PERMIT ☒
 CONSTRUCTION ☐
 PLANS FINAUX / AS BUILT ☐

(7) LUMINOSA (S8) 8M x 144' +
(1) LUMINOSA 4M x 77'
16' UNDER GUTTER

TetraHydra Agtek LLC

0 Quarry Rd
 Becket
 Ma, USA
 01223

No.Commande/Order No.

No.Client/Customer No. ***USA**

PJ-5832
 REVISION -1

Description / Structure

Largeur / Width	(1)13' 1 1/2" & (7) 26'-3"
Longueur / Lenght	(1) 77 & (7) 144
Espacement / Spacing	12' C/C
Modèle / Model	LUMINOSA S8 26'-3" HD16 - 16 GI
Fondation / Foundation	GRADE BEAM & CONCRETE PIER
Recouvrement de Structure / Structure Recovery	POLYETHYLENE & PCSS
Recouvrement de Pignon / Gables Recovery	PCSS

Charge de Vent / Wind Load	104 mph *
Charge de Neige / Snow Load	60 psf **
Autre / Other	



INGENIEUR / ENGINEER
Carl Savard
 122194
 QUEBEC

Structural
 2022-02-18

18-févr.-2022

* IBC 2018 / ASCE 7 - 16

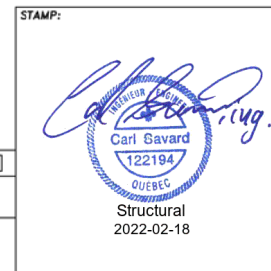
** HEATED GREENHOUSE

TYPE OF SOIL*	BEARING SOIL CAPACITY FOR SERVICE LOAD (Pound/Ft²)**	Ø PIER X 60" DEPTH (SEE DETAIL-1) PLAN PHA-A900	PIER Ø16" X 60" WITH SQUARE BASE AND REBAR (SEE DETAIL-2) PLAN PHA-A900
SOFT CLAY	1000	—	20Ø + 46"x46"x12" & REBARS
CLAY AND FINE SAND	1500	—	36"x36"x12" & REBARS
↓	2000	—	32"x32"x10" & REBARS
CLAY AND COARSE SAND	2500	—	28"x28"x10" & REBARS
↓	3000	30"	—
GRAVEL	4000	26"	—
USE CONCRETE CLASS F2: 25 Mpa AT 28 DAYS			

* THE SOIL TYPES LISTED ABOVE ARE BASED ON REFERENCE BOOKS. PROPER SOIL IDENTIFICATION REQUIRES A SPECIAL EXPERTISE. IT IS THE CUSTOMER'S RESPONSABILITY TO HAVE THE INSTALLATION SITE'S SOIL INVESTIGATED AND HAVE ITS LOAD CAPACITY CONFIRMED.

** A GEOTECHNICAL ANALYSIS OF THE CONSTRUCTION SITE EXECUTED BY A PROFESSIONAL ENGINEER IS REQUIRED TO DETERMINE THE BEARING SOIL CAPACITY FOR THE FOUNDATION DESIGN.

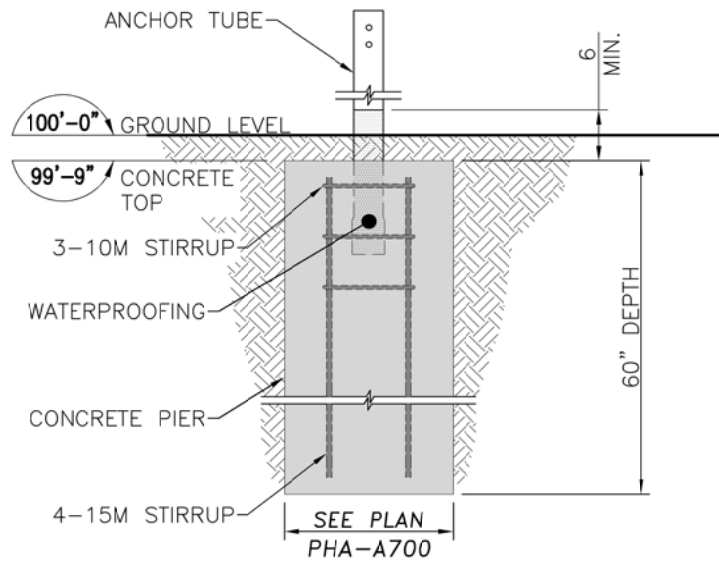
*** FOR GABLE END OVAL TUBE, A 12"Ø X 60" PIER IS RECOMMENDED FOR ALL CONDITIONS



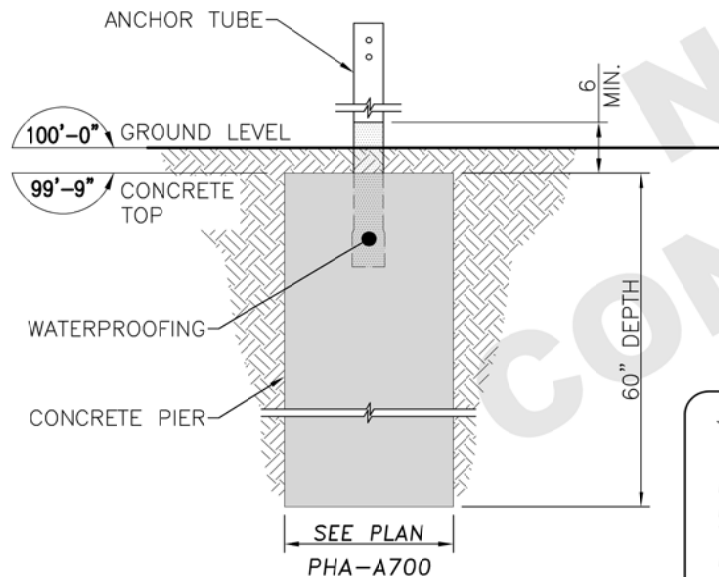
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5			APPROVED BY:	
4			DATE:	FEBRUARY 16, 2022
3			SCALE:	N.T.S.
2				
1	CORRECT CUSTOMER NAME	2022-02-18	A.M.	
	REVISIONS	DATE	PAR	



ISSUED FOR:	INFORMATION ☐	APPROVAL ☐	PERMIT ☒	CONSTRUCTION ☐	AS BUILT ☐
TETRAHYDRA AGTEK LLC					
TITLE: DIMENSIONS OF THE FOUNDATIONS				PLAN: PHA-A700	



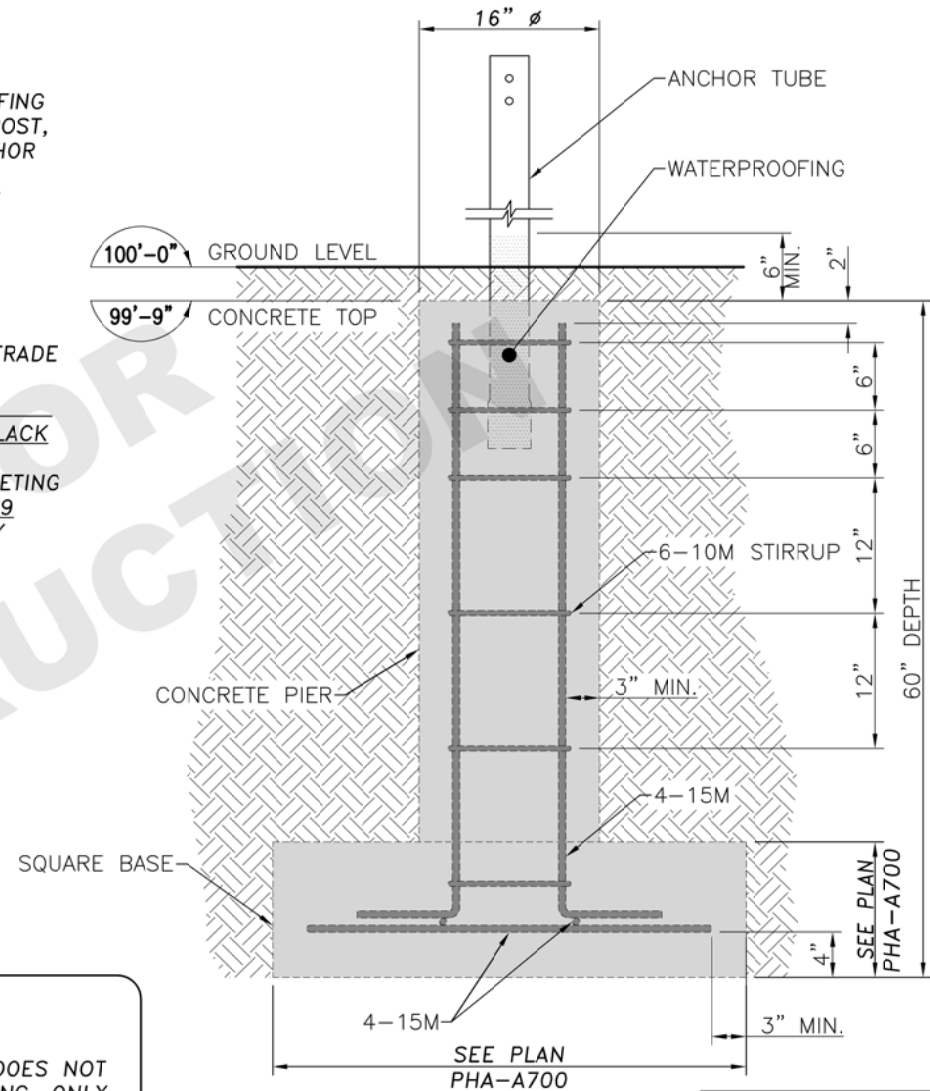
DETAIL-1



DETAIL-1

IT IS SUGGESTED TO:

- COAT WITH WATERPROOFING THE PORTION OF THE POST, OVAL UPRIGHT OR ANCHOR WHICH WILL BE IN THE CONCRETE. TO PREVENT CORROSION. (SEE DETAIL-1 AND DETAIL-2)
- APPLY AN ASPHALT BASED WATERPROOFING TRADE MARK
FESTER VAPORITE/PAQCO
P60/GARDNER GIBSON BLACK
JACK 6190
OR SIMILAR PRODUCT MEETING WITH NORM ASTM D-4479
IMPORTANT: MINIMUM DRY TIME: 24H



DETAIL-2

WARNING

★ IN CASE YOUR FOUNDATION DOES NOT REQUIRE SQUARE BASE FOOTING. ONLY THOSE MARKED WITH A STAR ON YOUR PLAN PHA-A1000, CAN BE EXEMPTED FROM REINFORCEMENT.

STAMP:

Carl Savard

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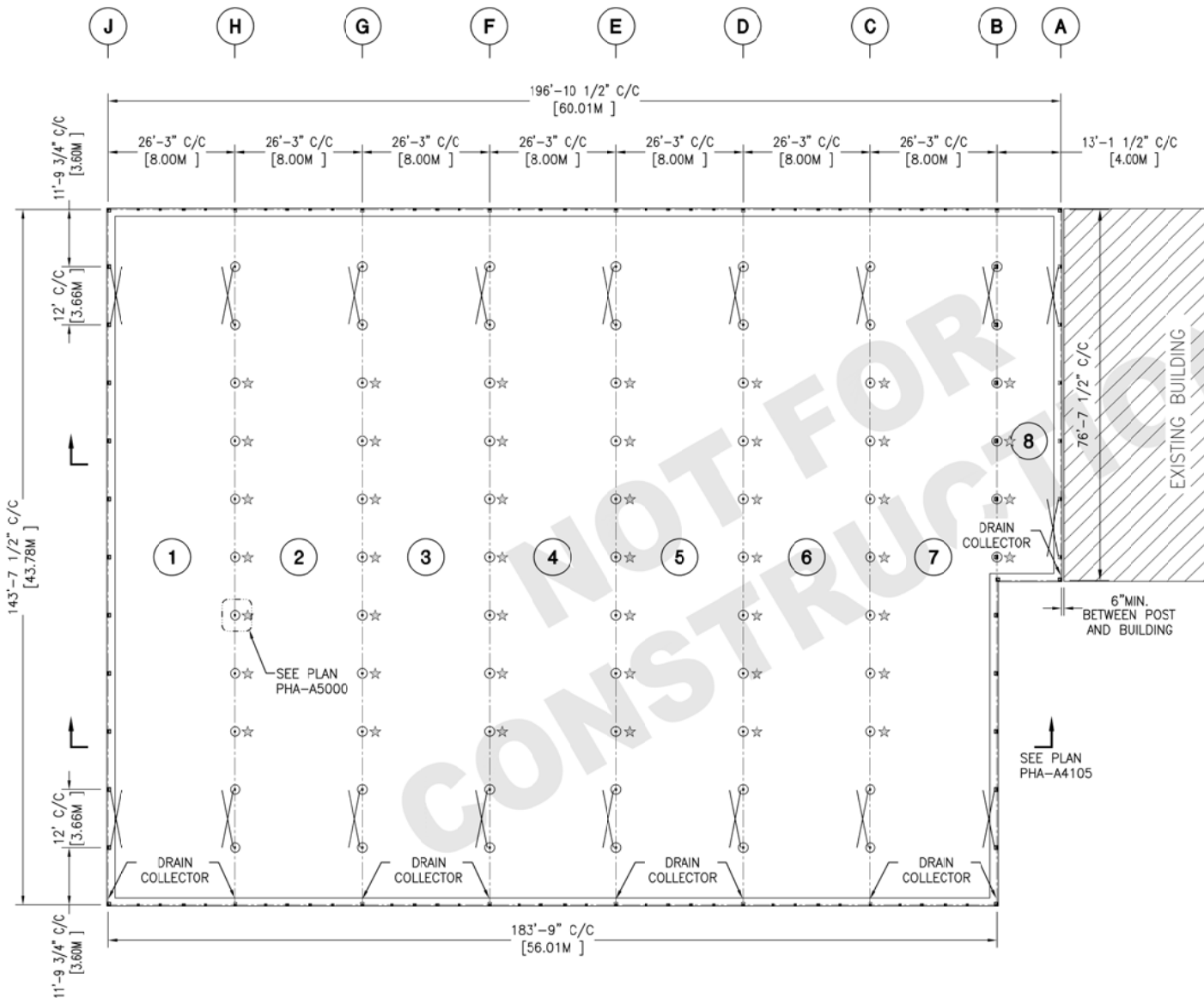
GREENHOUSES

HARNOIS

Tel.: (450) 756-1041 1-888-427-6647

Fax.: (450) 756-8389

ISSUED FOR:	INFORMATION ☐	APPROVAL ☐	PERMIT ☒	CONSTRUCTION ☐	AS BUILT ☐
TETRAHYDRA AGTEK LLC					
TITLE: DIMENSIONS OF THE FOUNDATIONS					
CONCRETE					
(7) LUMINOSA 26'-3" X 144' + (1) LUMINOSA 13' X 77'					
PLAN: PHA-A900					



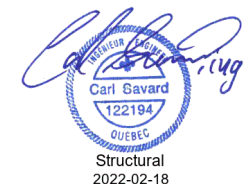
SEE PLAN
PHA-A4100
&
PHA-C1000

SEE PLAN
PHA-A4105



★
IN CASE YOUR FOUNDATION
DOES NOT REQUIRE SQUARE
BASE FOOTING. ONLY THOSE
MARKED WITH A STAR ON
YOUR PLAN, CAN BE EXEMPTED
FROM REINFORCEMENT.
SEE PLAN PHA-A700

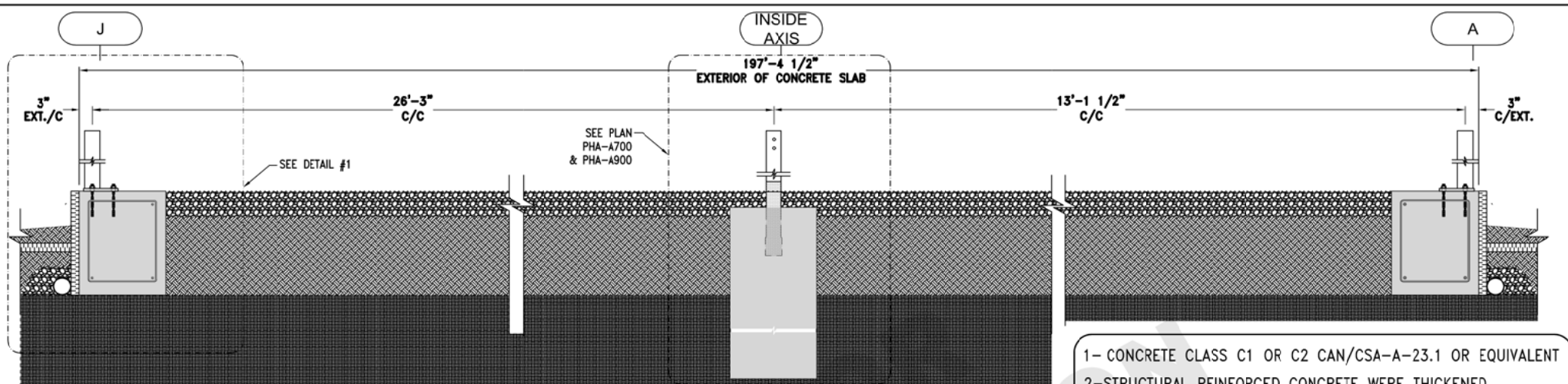
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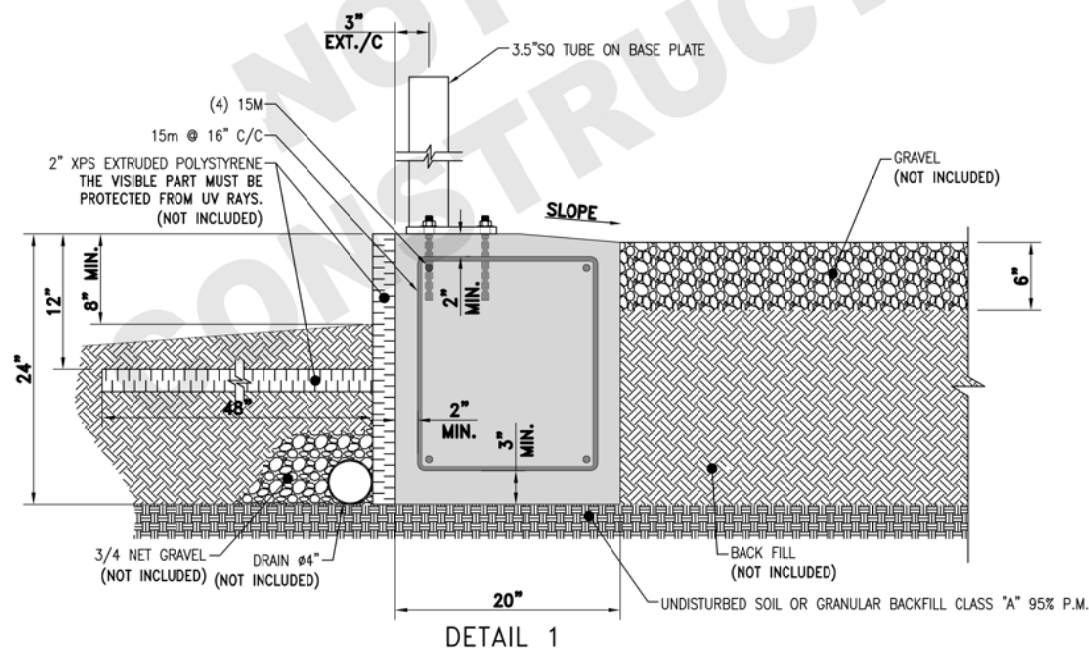
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ISSUED FOR:	INFORMATION ☐	APPROVAL ☐	PERMIT ☒	CONSTRUCTION ☐	AS BUILT ☐
TETRAHYDRA AGTEK LLC					
TITLE: LAYOUT OF FOUNDATION PLAN					
(7) LUMINOSA 26'-3" X 144' + (1) LUMINOSA 13' x 77'					
16' UNDER GUTTER					
PLAN:					PHA-A1000



CROSS SECTION VIEW OF THE CONCRETE SLAB



DETAIL 1

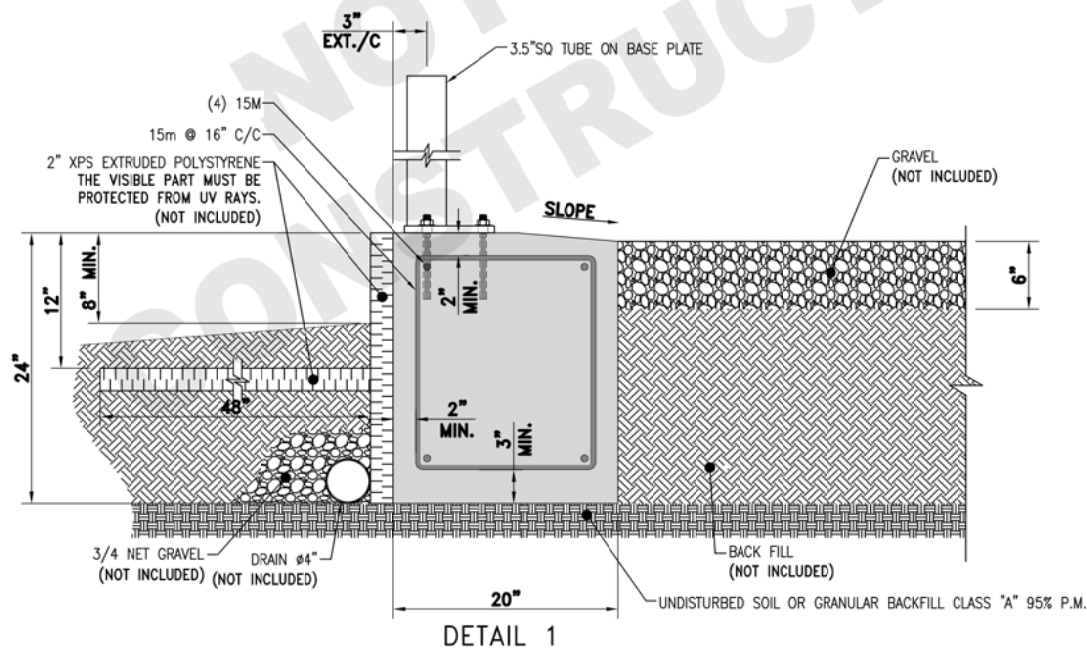
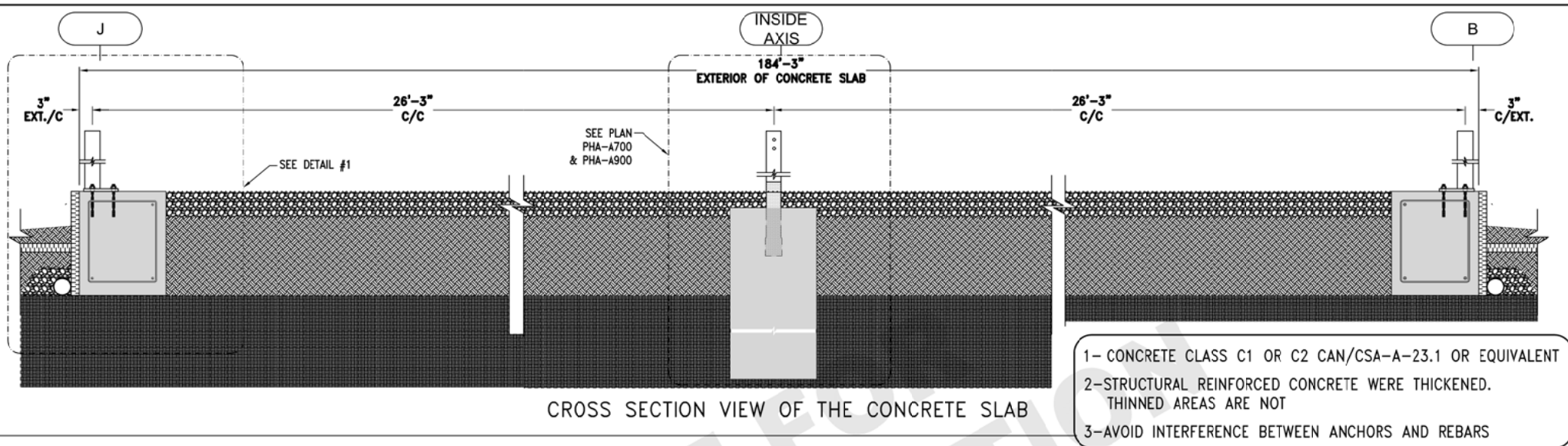
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TETRAHYDRA AGTEK LLC					
TITLE: GRADE BEAM CROSS SECTION VIEW & DETAIL (7) LUMINOSA 26'-3" X 144' + (1) LUMINOSA 13' x 77'			PLAN: PHA-A4100		



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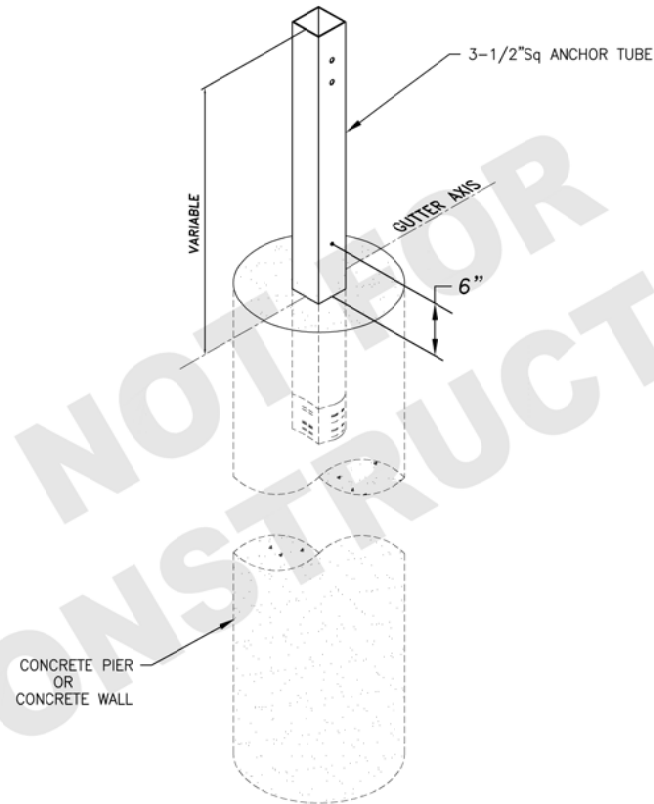
TETRAHYDRA AGTEK LLC

TITLE: GRADE BEAM
CROSS SECTION VIEW & DETAIL
(7) LUMINOSA 26'-3" X 144' + (1) LUMINOSA 13' x 77'

PLAN: PHA-A4105



UNDISTURBED SOIL OR
GRANULAR BACKFILL CLASS "A"
95% P.M.



CONCRETE PIER
OR
CONCRETE WALL

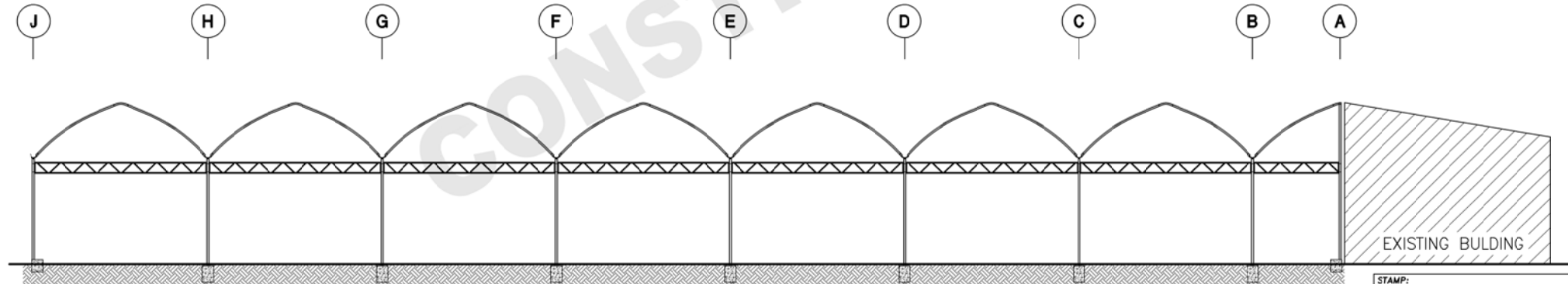
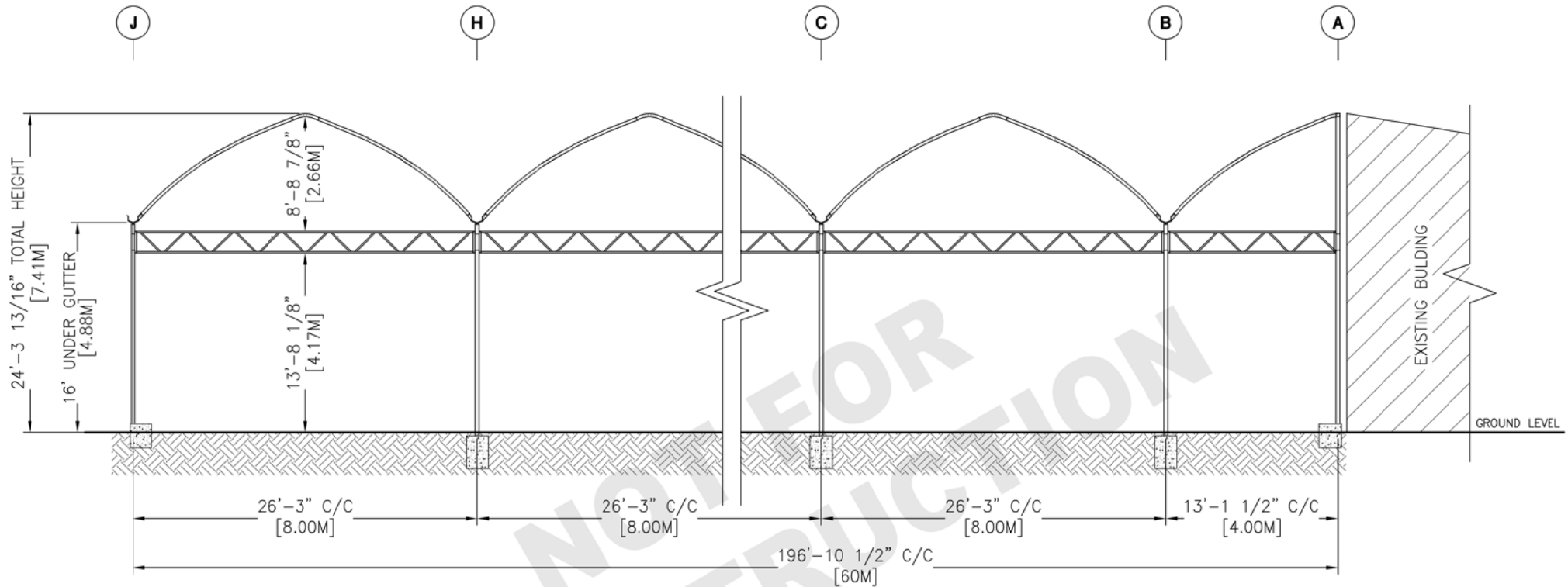
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TETRAHYDRA AGTEK LLC					
TITLE: 3-1/2" Sq ANCHOR TUBE INSTALLATION DETAIL				PLAN:	
				PHA-A5000	



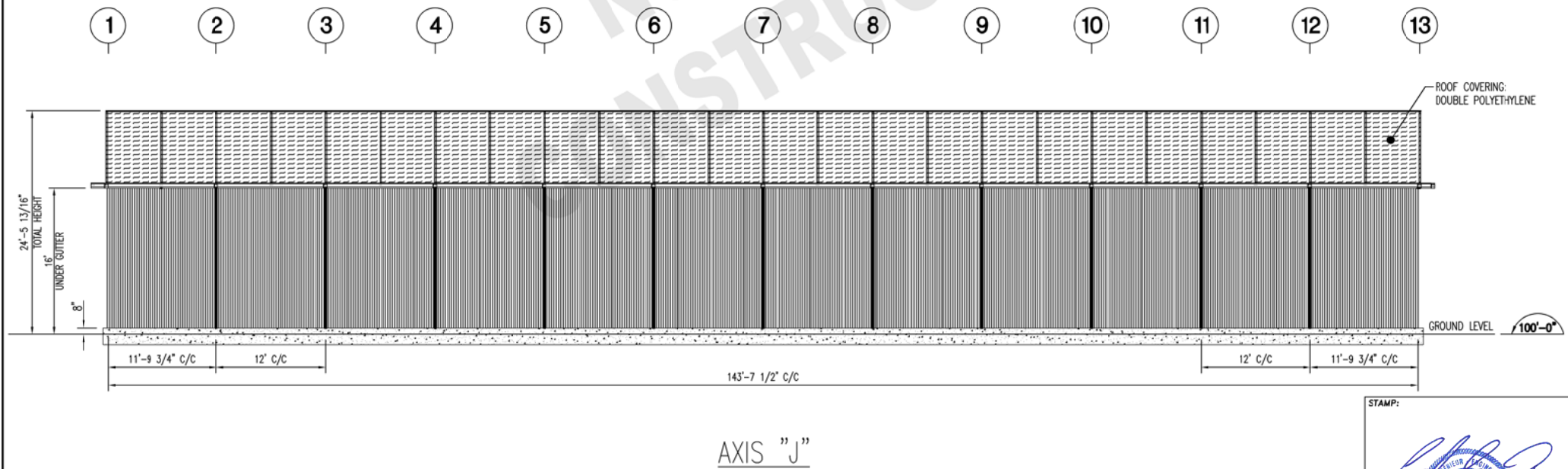
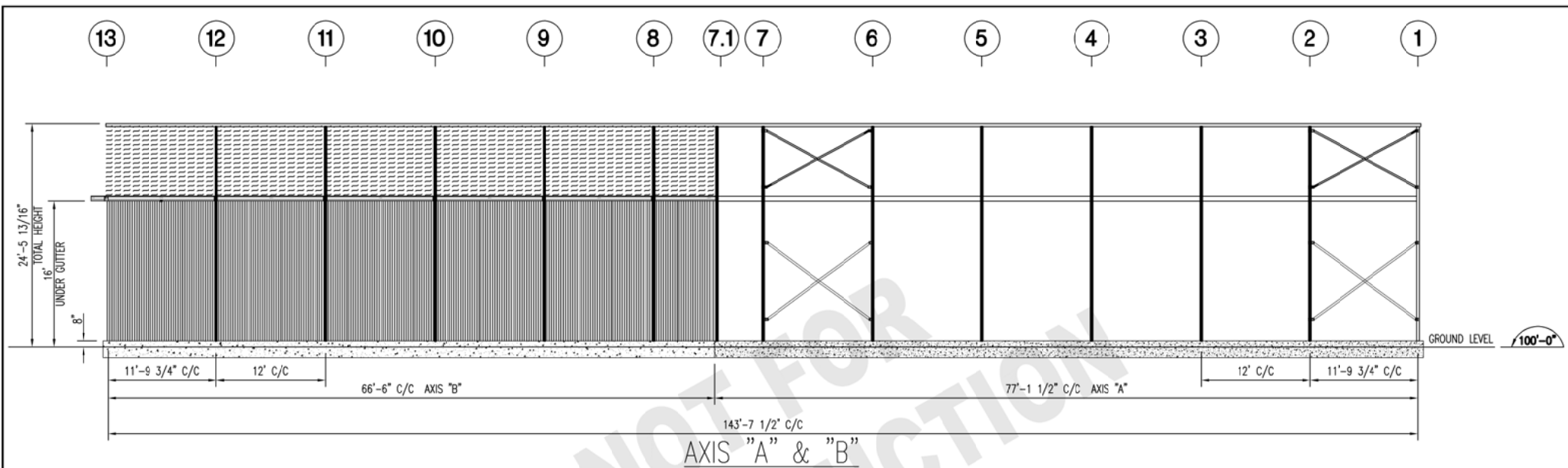
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TETRAHYDRA AGTEK LLC					
TITLE: SECTION VIEW					
(7) LUMINOSA 26'-3" X 144' + (1) LUMINOSA 13' x 77'					
16' UNDER GUTTER					
PLAN:					PHA-C1000



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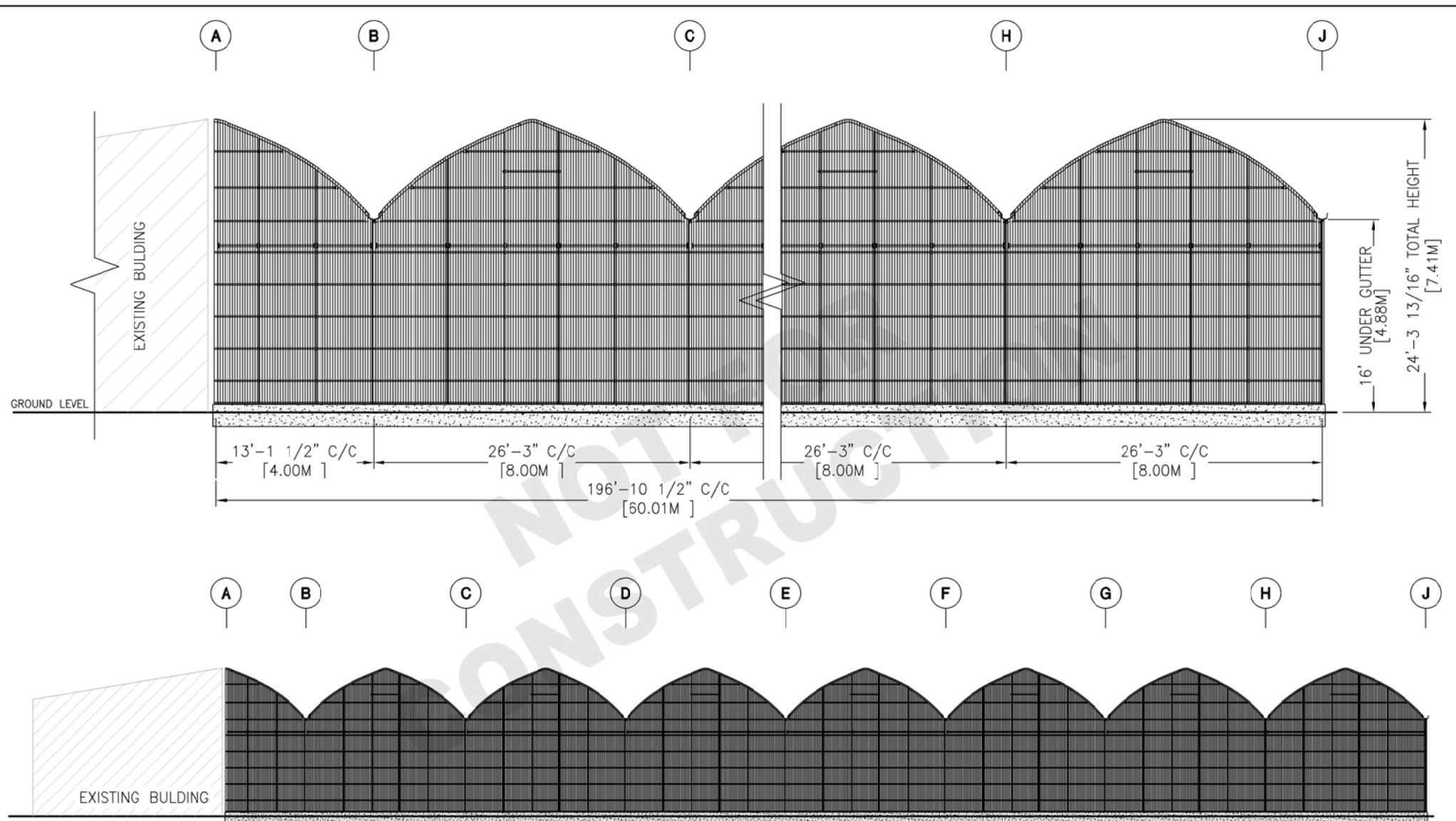
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TETRAHYDRA AGTEK LLC					
TITLE: SIDES VIEW					
(7) LUMINOSA 26'-3" X 144' + (1) LUMINOSA 13' x 77'					
16' UNDER GUTTER					
PLAN:					PHA-D1000

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AXIS "1"

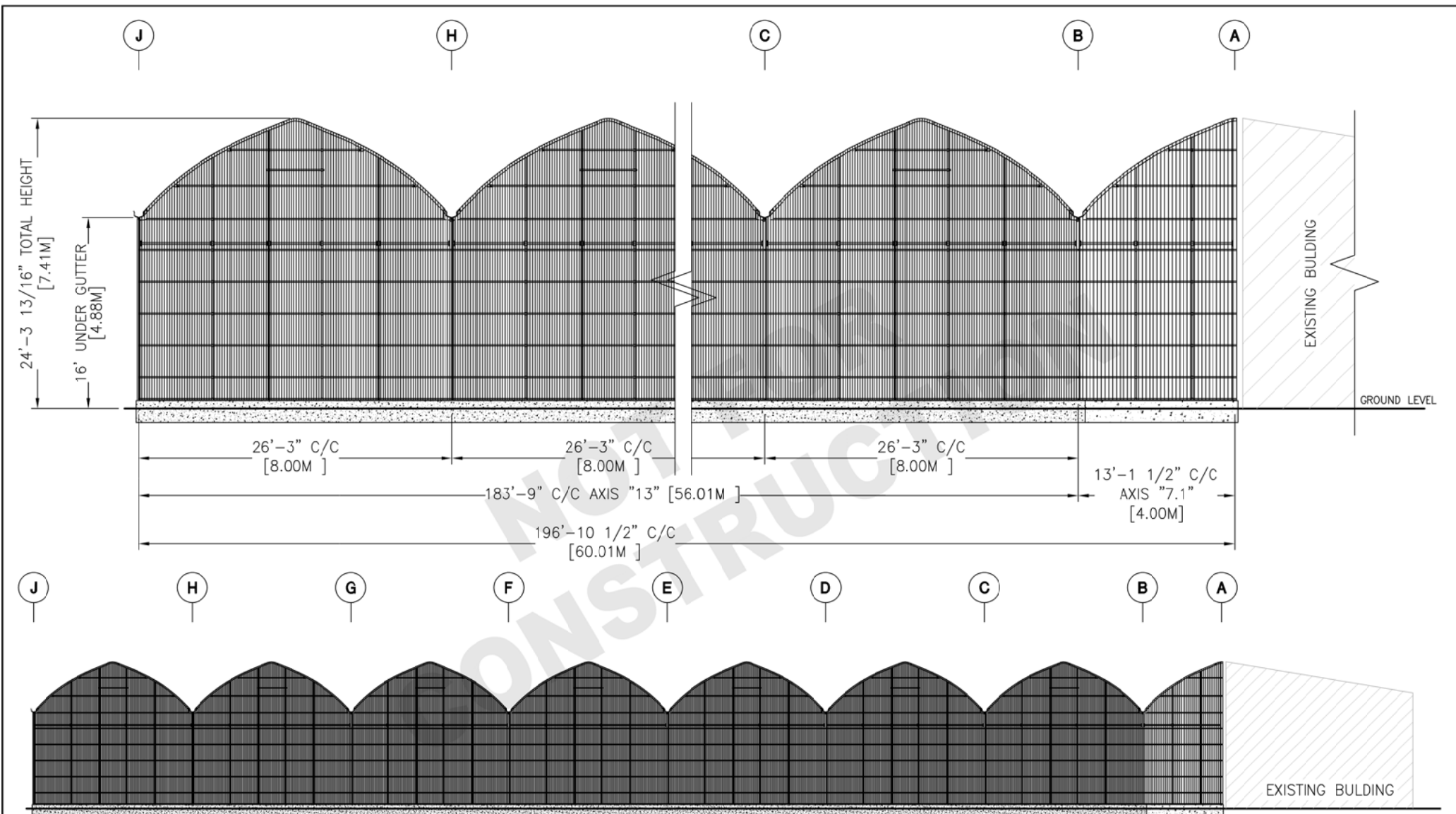
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TETRAHYDRA AGTEK LLC					
TITLE: GABLE END VIEW AXIS "1"					
(7) LUMINOSA 26'-3" X 144' + (1) LUMINOSA 13' x 77'					
16' UNDER GUTTER					
PLAN:					PHA-E1000



AXIS "7.1" & "13"

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TETRAHYDRA AGTEK LLC					
TITLE: GABLE END VIEW AXIS "7.1" & "13"					
(7) LUMINOSA 26'-3" X 144' + (1) LUMINOSA 13' x 77'					
16' UNDER GUTTER					
PLAN:					PHA-E1005