

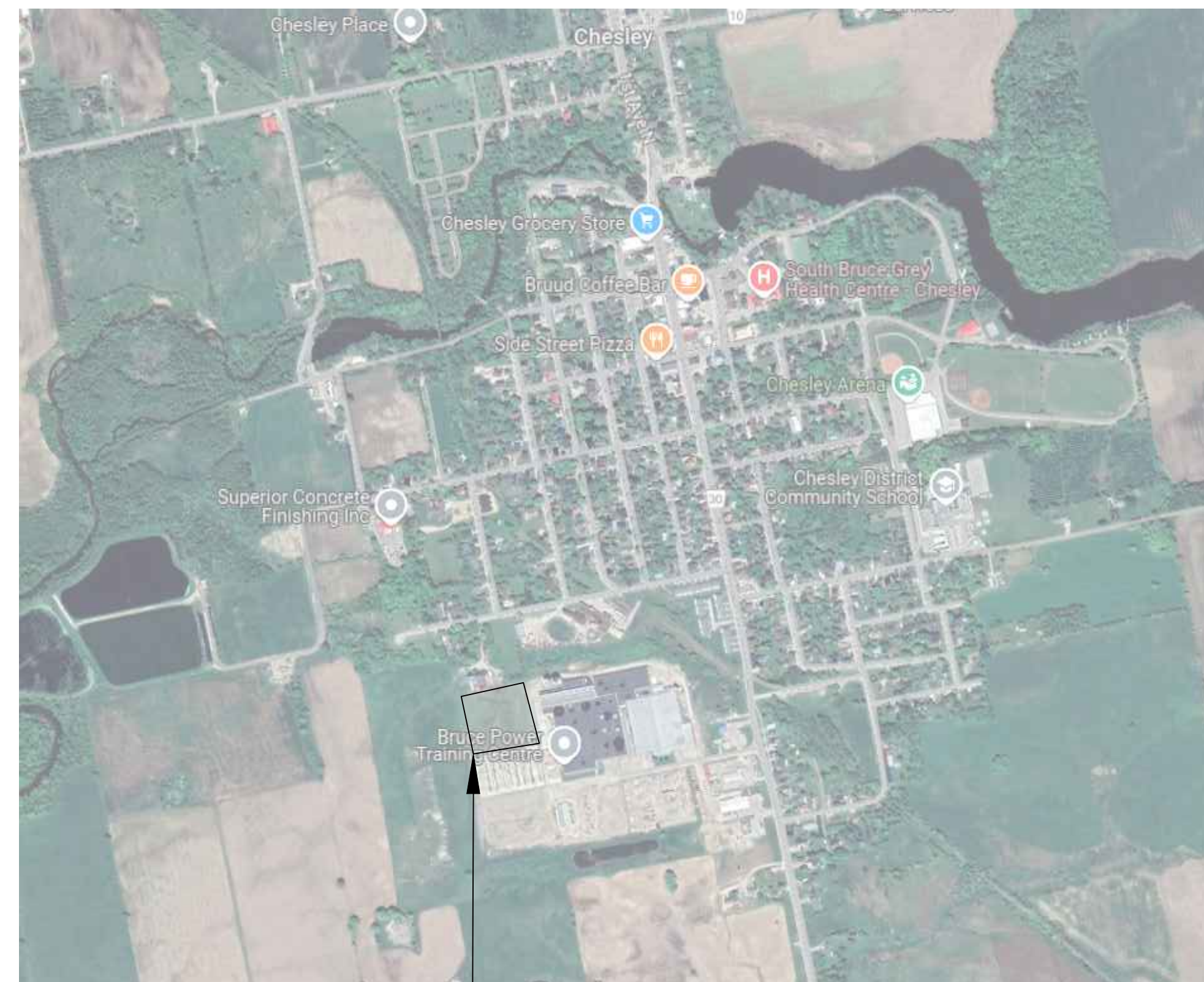
SOLARBANK

BESS FACILITIES

0Z-1 157 7TH STREET SW CHESLEY, ONTARIO 23-153-03

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APPROXIMATE SITE LOCATION

PRI ENGINEERING

205 ST. GEORGE STREET, SUITE 2
LINDSAY ON K9V 5Z9
TEL: 705-702-3921
www.priengineering.com

SOLARBANK

803-505 CONSUMERS ROAD,
TORONTO, ONTARIO
M2J 4V8

NOTES:

1.0 GENERAL - CONSTRUCTION

1. DO NOT SCALE THE DRAWINGS.
2. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE STATED AND LEVELS IN METRES TO ORDANCE DATUM.
3. THE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS, ALL RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS, AND OTHER RELEVANT CONTRACT DOCUMENTS.
4. DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT IS TO CONFORM TO THE 2012 EDITION OF THE ONTARIO BUILDING CODE (REGULATION 350/06) AND NBC 2010 STRUCTURAL COMMENTARIES.
5. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE SITE AND REPORT TO THE CONSULTANT ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION, COST, SCHEDULE OR QUALITY OF WORK. COMMENCEMENT OF WORK BY THE CONTRACTOR IMPLIES ACCEPTANCE OF THE EXISTING CONDITIONS.
6. THE DETAILS OF THIS DRAWING AS IT REALTES TO UTILITY LOCATIONS ARE FOR REFERENCE ONLY AND THE CONTRACTOR MUST VERIFY LOCATION OF ALL EXISTING PRIVATE AND PUBLIC UNDERGROUND AND OVERHEAD UTILITIES WITH THEIR OWN FORCES AND/OR SUBCONTRACTORS.
7. PROTECT ALL EXISTING STRUCTURES, UNDERGROUND UTILITIES AND OTHER EXISTING SERVICES DURING CONSTRUCTION. MAKE GOOD ANY DAMAGE RESULTING FROM THE WORK ON THIS PROJECT TO THE SATISFACTION OF THE OWNER AND ENGINEER.
8. PROVIDE AND TAKE RESPONSIBILITY FOR ALL TEMPORARY BRACING AND SHORING.
9. TYPICAL DETAILS SHOWN ON DRAWINGS SHALL GOVERN THE WORK. IF DETAILS DIFFER ON OTHER DRAWINGS, THE MOST STRINGENT SHALL GOVERN.
10. WORK NOT INDICATED ON A PART OF THE DRAWING BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
11. IN ADDITION TO MATERIAL-SPECIFIC REQUIREMENTS, ALL MATERIALS FOR THE STRUCTURES SHALL CONFORM TO THE LATEST ONTARIO PROVINCIAL STANDARDS FOR ROADS AND PUBLIC WORKS AND STRUCTURAL MTO MANUAL.

2.0 EXCAVATION NOTES:

1. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATION OF ANY UNDERGROUND UTILITIES OR OTHER EXISTING SERVICES WHICH MAY INTERFERE WITH THE WORK OF THIS PROJECT AND COORDINATE WITH THE OWNER OR OTHER AUTHORITIES AS MAY BE REQUIRED FOR THEIR RELOCATION, REMOVAL OR TEMPORARY SUPPORT.
2. PROVIDE ADEQUATE MEANS OF DEWATERING TO ENSURE EXCAVATIONS ARE DRY AT ALL TIMES. PLACEMENT OF CONCRETE SHALL ONLY BE MADE IN DRY EXCAVATIONS. THE METHOD OF DEWATERING SHALL BE SUCH AS TO PREVENT SETTLEMENT OF, AND DAMAGE TO, ANY ADJACENT STRUCTURES.

3.0 FOUNDATION NOTES:

1. ALL SPREAD FOOTINGS SHALL BEAR ON COMPACT TO VERY DENSE NATIVE SILT OR REMEDIATED SOIL WITH A MINIMUM BEARING RESISTANCE OF 150 KPA AT SERVICEABILITY LIMIT STATE (SLS) AND 150 KPA AT ULTIMATE LIMIT STATE (ULS) UNLESS NOTED OTHERWISE. AVERAGE MODULUS OF SUBGRADE REACTION UNDER FOOTINGS AND SLAB ON GRADE TO BE 10,000 KPA/M2/M
2. ALL EXCAVATIONS AND FOUNGING MATERIAL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED SOILS ENGINEER, LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO, PRIOR TO CONCRETE PLACEMENT.
3. CONTINUOUSLY PROTECT BOTTOM OF EXCAVATIONS AND FOUNDATIONS ON GROUND AND ALL EXISTING STRUCTURES FROM DAMAGE DUE TO FROST, CONSTRUCTION ACTIVITIES, AND GROUNDWATER PRESSURE.
4. EXCAVATION SHALL NOT EXTEND BELOW A LINE EXTENDING DOWN AND AWAY FROM ANY FOOTING EDGE/CORNER AT A RATIO OF 1 VERTICAL TO 3 HORIZONTAL IN SOIL OR AS DIRECTED IN WRITING BY THE SOIL CONSULTANT. REFER TO LATEST GEOTECHNICAL REPORT BY DST FOR EXCAVATION SLOPE REQUIREMENTS.
5. BACKFILL TO PROCEED SIMULTANEOUSLY ON BOTH SIDES OF FOUNDATIONS UNLESS TEMPORARY SUPPORT IS PROVIDED. DO NOT

BACKFILL UNTIL CONCRETE HAS ATTAINED 75% OF ITS 28-DAY COMPRESSIVE STRENGTH.

6. FOUNDATIONS SHALL BE CONSTRUCTED AS SHOWN ON THE DRAWINGS. CONTRACTOR SHALL INCLUDE IN THEIR WORK ALL PROVISIONS, INCLUDING BUT NOT LIMITED TO EXCAVATION AND FORMING, AS REQUIRED FOR CONSTRUCTION.

4.0 CONCRETE NOTES:

1. THE DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT SHALL CONFORM TO THE APPLICABLE EDITION OF THE FOLLOWING CSA STANDARDS:
 - 1.1. CSA-A23.1 "CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION;"
 - 1.2. CSA-A23.2 "METHODS OF TEST AND STANDARD PRACTICES FOR CONCRETE;"
 - 1.3. CSA-A23.3 "DESIGN OF CONCRETE STRUCTURES;"
 - 1.4. CAN/CSA-G30.18 "BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT (GRADE Fy=400 MPa)."
2. MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
 - 2.1. LEAN CONCRETE FILL - 15 MPa
 - 2.2. FOOTINGS - 30 MPa (EXPOSURE CLASS F-1)
 - 2.3. THE CLEAR COVER BETWEEN REINFORCING STEEL AND SURFACE OF THE CONCRETE SHALL BE 75 mm FOR SURFACES IN CONTACT WITH THE GROUND AND 50 mm FOR TIMBER FORMS, UNLESS NOTED OTHERWISE.
3. ALL REINFORCING STEEL TO BE DEFORMED BARS WITH MINIMUM FY=400 MPa UNLESS OTHERWISE NOTED. WHERE WELDING IS SPECIFIED, REINFORCEMENT SHALL CONFORM TO ASTM A706 OR APPROVED EQUAL STANDARD FOR WELDABLE REINFORCEMENT.
4. REINFORCING SHALL BE SECURELY HELD IN PLACE DURING THE PLACING AND CONSOLIDATION OF THE CONCRETE. IF REQUIRED, ADDITIONAL SUPPORT BARS AND/OR STIRRUPS SHALL BE PLACED BY THE CONTRACTOR TO PROVIDE SUPPORT FOR ALL BARS.
5. DETAIL, BEND, PLACE AND SUPPORT REINFORCING STEEL IN CONFORMANCE WITH THE LATEST RSIC MANUAL OF STANDARD PRACTICE, UNLESS NOTED OTHERWISE.
6. CONCRETE CONTRACTOR TO SET ALL LOOSE MEMBERS THAT ARE TO BE EMBEDDED IN THE CONCRETE. SEE STRUCTURAL, ARCHITECTURAL, LANDSCAPE, CIVIL, AND MECHANICAL DRAWINGS.
7. FORMWORK CONTRACTOR TO FORM ALL HOLES, CHASES ETC. AND TO SET INSERTS, ANCHOR BOLTS AND OTHER EMBEDDED MEMBERS THAT ARE REQUIRED TO BE HELD IN PLACE BY THE FORMWORK BEFORE PLACING THE CONCRETE. SEE STRUCTURAL, ARCHITECTURAL, ELECTRICAL, LANDSCAPE, CIVIL, AND MECHANICAL DRAWINGS FOR LOCATION.
8. CONTINUOUS REINFORCING BARS SHALL BE LAPPED AT SPLICES AND CORNERS IN CONFORMANCE WITH CSA-A23.3 AND THE TYPICAL DETAILS, UNLESS OTHERWISE NOTED. LAP CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AND CONTINUOUS BOTTOM BARS AT SUPPORTS. WHERE REQUIRED, TERMINATE CONTINUOUS BARS AT NON-CONTINUOUS ENDS WITH STANDARD HOOKS.
9. DO NOT PLACE CONCRETE UNTIL ALL DESIGNATED REINFORCING STEEL, ANY CONDUITS, PIPING OR OTHER EMBEDDED ITEMS HAVE BEEN VERIFIED.
10. WHERE CONCRETE IS CAST OVER RIGID INSULATION, USE APPROPRIATE CHAIRS SUCH THAT INSULATION WILL NOT BE DAMAGED DURING REINFORCING STEEL PLACING, CONCRETING AND OTHER CONSTRUCTION ACTIVITIES.
11. ALL POURED CONCRETE TO BE VIBRATED THOROUGHLY.
12. ACKNOWLEDGEMENT OF CONSTRUCTION, INCLUDING CONCRETE MIX DESIGN, FORMS, AND CONNECTIONS TO BE DESIGNED BY THE CONTRACTOR AND SHOP DRAWINGS TO BE STAMPED BY A P.ENG. & SUBMITTED FOR REVIEW.

5.0 STRUCTURAL STEEL NOTES:

1. THE DESIGN AND CONSTRUCTION OF ALL WORK IN THIS PROJECT SHALL CONFORM TO CAN/CSA-S16-09 "DESIGN OF STEEL STRUCTURES".
2. ALL SHOP CONNECTIONS SHALL BE WELDED. ALL FIELD CONNECTIONS SHALL BE WELDED OR BOLTED USING HIGH TENSILE-STRENGTH BOLTS, BEARING TYPE. CONNECTIONS SHALL BE CISC DOUBLE ANGLE BEAM CONNECTIONS FOR A325 BOLTS AND E49XX FILLET WELDS, MINIMUM SIZE OF BOLTS - M20 DIAMETER.
3. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH LATEST EDITION OF FOLLOWING CSA SPECIFICATIONS:

- 3.1. W47.1-09 FOR QUALIFICATIONS OF WELDERS
- 3.2. W48.1 M1991(R1998), W48.2 TO W48.7 FOR ELECTRODES
- 3.3. W59-2003(R2008) FOR DESIGN AND WORKMANSHIP
4. SUPPLY, INSTALL AND REMOVE ANY TEMPORARY BRACING REQUIRED DURING CONSTRUCTION.
5. FORCES ARE DESIGNATED BY (+) FOR TENSION AND (-) FOR COMPRESSION.
6. ALL EXTERIOR STEEL SHALL BE HOT-DIP GALVANIZED (BOTH STRUCTURAL AND MISCELLANEOUS). THIS INCLUDES NUTS, BOLTS, WASHERS, BASE PLATES, LEVELING PLATES, ANCHOR BOLTS AND ANCHORS.
7. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE 36 UNLESS NOTED OTHERWISE.

REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR REVIEW	14MAY24
00	ISSUED FOR REVIEW	05JAN24

PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
GENERAL NOTES

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.		AY

DRAWING NUMBER: N-01

KEY MAP
N.T.S.

APPROXIMATE SITE LOCATION



PRI ENGINEERING

205 ST. GEORGE STREET, SUITE 2
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TEL: 705-702-3921
www.priengineering.com



803 - 505 CONSUMERS ROAD
TORONTO, ONTARIO
M2J 4V8

NOTES:

1. TOPOGRAPHIC SURVEY COMPLETED BY PRI ENGINEERING CORP. ON AUGUST 29, 2024 IN A LOCAL DATUM.
2. AERIAL IMAGE FROM GOOGLE MAPS USED AS A REFERENCE.
3. LOCATIONS OF ALL UNDERGROUND UTILITIES TO BE CONFIRMED BY CONTRACTOR PRIOR TO ANY GROUND DISTURBANCE.

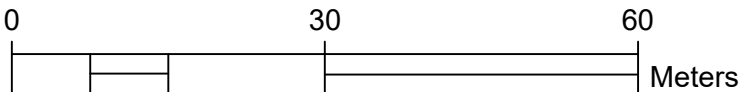
EXISTING AGRICULTURAL FENCED AREA

EXISTING BRUCE POWER PAVEMENT AREA



LEGEND

- EXISTING FENCE LINE
- EXISTING EDGE OF PAVEMENT
- CONTOUR ELEVATIONS
- EXISTING SLOPE



NOT FOR CONSTRUCTION

REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR REVIEW	14MAY24
00	ISSUED FOR REVIEW	05JAN24

PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
EXISTING SITE
CONDITIONS

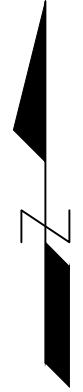
PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: C-01

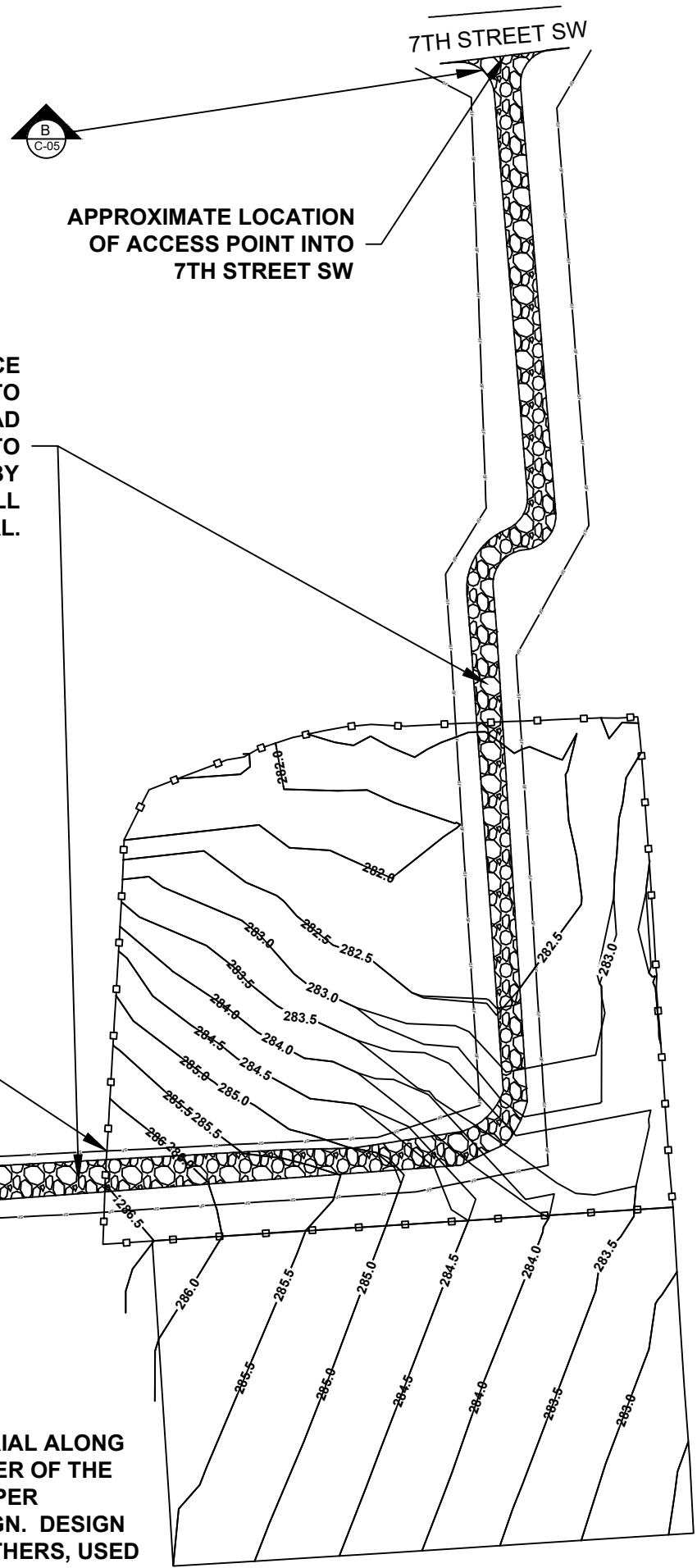
USER: JAGSHIR.LAMMAY

PRINT DATE: November 8, 2024

FILENAME: 23-153-03-2024.11.05-JL.DWG

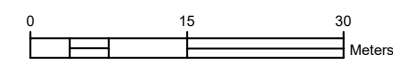


CONTRACTOR TO FIELD FIT FROM EXISTING FENCE NORTH TO 7TH STREET. SURVEY NOT COMPLETED TO 7TH STREET DUE TO CHANGE IN ACCESS ROAD LOCATION. MUST ENSURE POSITIVE DRAIN TO SOUTHWEST. ALL SUB GRADE TO BE APPROVED BY ENGINEER OF RECORD PRIOR TO PLACEMENT OF ALL GRANULAR MATERIAL.



PROPOSED HYDRO ONE TRANSFORMER. DESIGNED BY OTHERS

GRANULAR MATERIAL ALONG OUTSIDE PERIMETER OF THE FENCED AREA AS PER ELECTRICAL DESIGN. DESIGN COMPLETED BY OTHERS, USED FOR ILLUSTRATION.



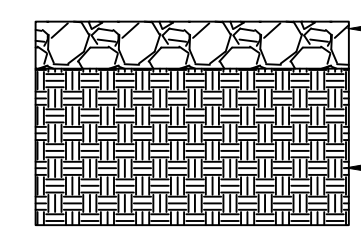
KEY MAP
N.T.S.

APPROXIMATE SITE LOCATION



LEGEND

- EXISTING FENCE LINE
- PROPOSED FENCE LINE
- EXISTING EDGE OF PAVEMENT
- CONTOUR ELEVATIONS
- PROPOSED GRAVEL ROAD
- PROPOSED SILT FENCE LOCATION
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED SLOPE
- DIRECTION OF WATER DRAINAGE
- PROPOSED GRANULAR ACCESS ROAD
- PROPOSED ELECTRICAL GRANULAR MATERIAL (DESIGNED BY OTHERS)



150 mm GRANULAR A COMPACTED TO 98 S.P.M.D.D

APPROVED NATIVE MATERIAL. TOPSOIL AND ORGANICS TO BE REMOVED. SUBGRADE TO BE APPROVED BY GEOTECHNICAL ENGINEER AS PER PRI ENGINEERING CORP. GEOTECHNICAL REPORT

ACCESS ROAD
DETAIL A
1:25

NOT FOR CONSTRUCTION

PRI ENGINEERING

205 ST. GEORGE STREET, SUITE 2
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TEL: 705-702-3921
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SOLARBANK

803 - 505 CONSUMERS ROAD
TORONTO, ONTARIO
M2J 4V8

NOTES:

1. TOPOGRAPHIC SURVEY COMPLETED BY PRI ENGINEERING CORP. ON AUGUST 29, 2024 IN A LOCAL DATUM.
2. AERIAL IMAGE FROM GOOGLE MAPS USED AS A REFERENCE.
3. LOCATIONS OF ALL UNDERGROUND UTILITIES TO BE CONFIRMED BY CONTRACTOR PRIOR TO ANY GROUND DISTURBANCE.
4. ELECTRICAL LAYOUT COMPLETED BY OTHERS, USED FOR REFERENCE ONLY

REV NO.	ISSUANCE	DATE
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00	ISSUED FOR REVIEW	05JAN24

PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
PROPOSED CONDITIONS
SITE PLAN

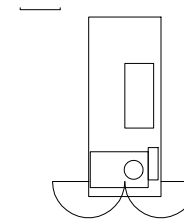
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23-153-03	AYJr.	GK	AY

DRAWING NUMBER: C-02

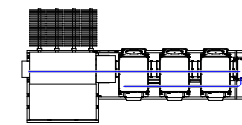
APPROXIMATE SITE LOCATION



LEGEND



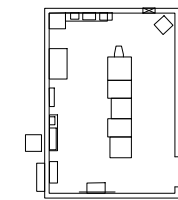
PROPOSED BESS CONTAINER



PROPOSED INVERTER AND TRANSFORMER, SINGLE SKID MOUNT



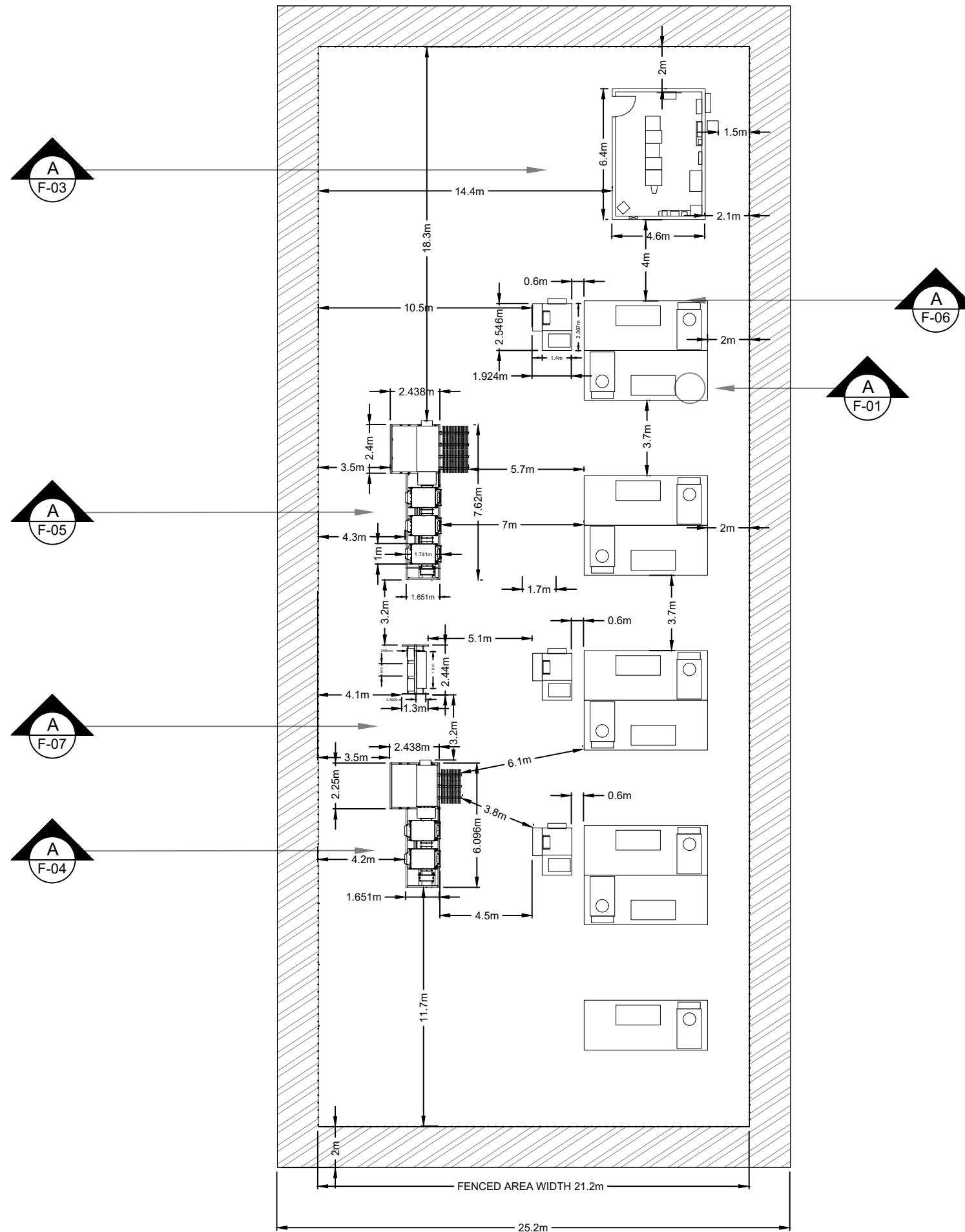
PROPOSED POWER SUPPLY PANEL



PROPOSED E-HOUSE



PROPOSED AUXILIARY STRUCTURE



NOTES:

1. AERIAL IMAGE FROM GOOGLE MAPS USED AS A REFERENCE.
2. ELECTRICAL LAYOUT COMPLETED AND DESIGNED BY OTHERS. USED FOR REFERENCE ONLY.
3. CONTRACTOR TO ENSURE MINIMUM 25mm DOOR SWING CLEARANCE BETWEEN EACH BESS SYSTEM .

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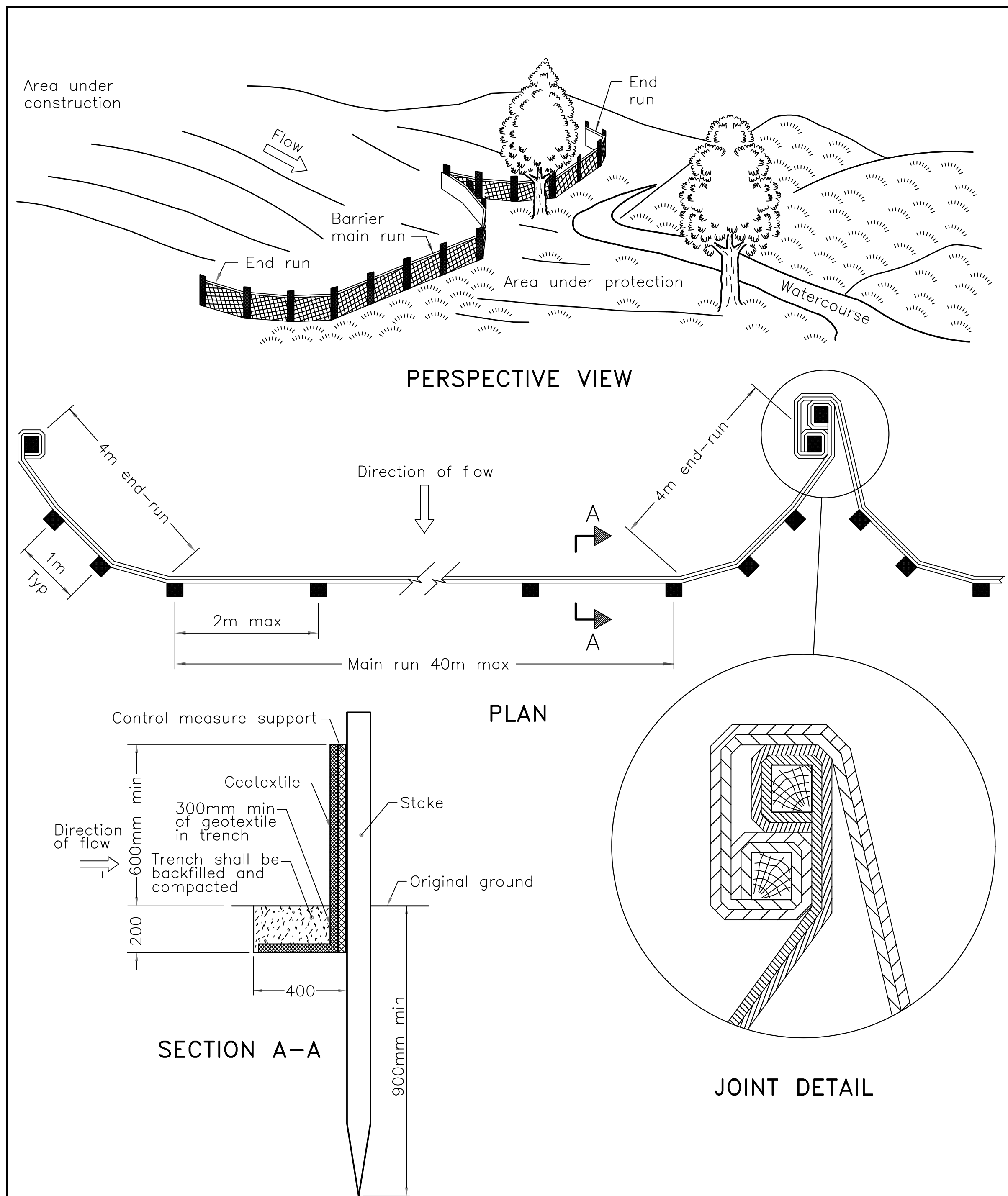
PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
PROPOSED ELECTRICAL
FOUNDATION LAYOUT
PLAN

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: C-03

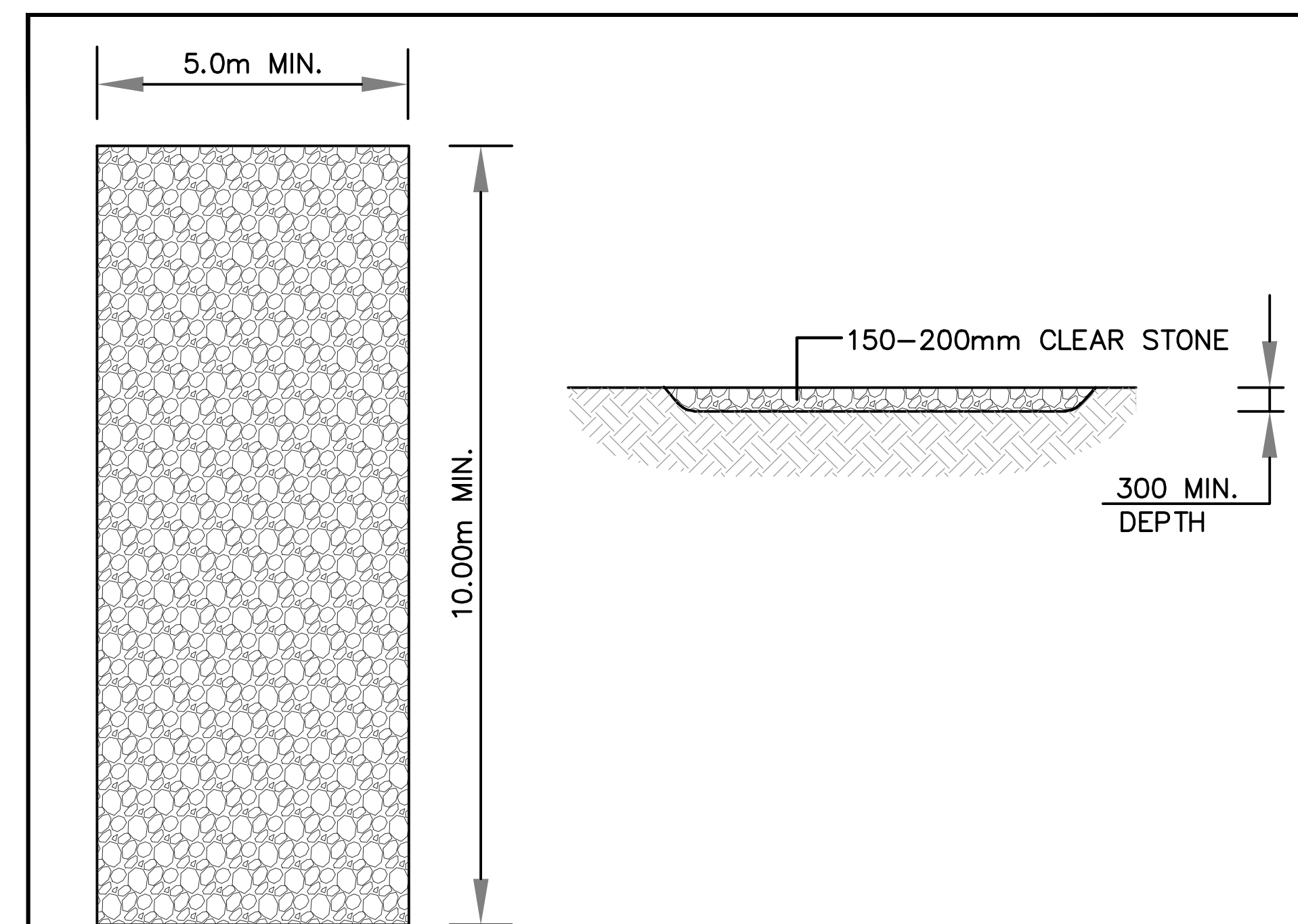
DETAIL A N.T.S.



NOTE:
A All dimensions are in millimetres unless otherwise shown.

NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
2. SEDIMENT CONTROL FENCE TO USE GEOTEXTILE WITH WEAVE DENSITY OF 270R TERRAFIX OR EQUIVALENT.
3. INSPECTION OF THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES WILL OCCUR ON A DAILY, AFTER RAINFALL EVENTS EXCEEDING 10MM OR AFTER RAPID SNOW MELT EVENTS .THE SILT CONTROL FENCE MUST BE INSPECTED FOR RIPS OR TEARS, BROKEN STAKES, BLOW OUTS AND ACCUMULATION OF SEDIMENT. THE SILT CONTROL FENCE MUST BE FIXED AND/OR REPLACED IMMEDIATELY WHEN DAMAGED. ACCUMULATED SEDIMENT MUST BE REMOVED FROM THE SILT CONTROL FENCE WHEN ACCUMULATION REACHES 50% OF THE HEIGHT OF THE FENCE.
4. CLEANING AND REPAIR OF MUD MATS AND ANY OTHER TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE DONE AS NECESSARY THROUGH REGULAR INSPECTION
5. MATERIALS TO REPAIR DAMAGED ESC MEASURES MUST BE KEPT ON-SITE AT ALL TIMES.
6. NO CONSTRUCTION ACTIVITY OR MACHINERY SHALL INTRUDE BEYOND THE SILT CONTROL FENCE OR LIMIT OF DEVELOPMENT. ALL CONSTRUCTION VEHICLES SHALL LEAVE THE SITE AT DESIGNATED LOCATIONS AS SHOWN ON THE PLANS. ALL MATERIALS AND EQUIPMENT SHALL BE STORED ON SITE IN A DESIGNATED AREA
7. SERVICING OF CONSTRUCTION EQUIPMENT ON SITE IS PROHIBITED
8. THE CONTRACTOR MUST CLEAN ADJACENT ROADS ON A REGULAR BASIS. THE ROAD SHALL BE, AT A MINIMUM SCRAPED DAILY AND FLUSHED (IF NECESSARY) ON FRIDAY EVENINGS OR SATURDAY MORNINGS.
9. AT THE END OF CONSTRUCTION PERIOD, ACCUMULATED SEDIMENT IS TO BE REMOVED OFF SITE PRIOR TO THE REMOVAL OF THE SILT FENCE.
10. ALL LITTER AND DEBRIS SHALL BE MONITORED AND DISPOSED OF DAILY OR AS NECESSARY THROUGH REGULAR INSPECTION.
11. REMOVAL OF EROSION AND SEDIMENT CONTROL MATERIALS AND INSTALLATIONS SHALL NOT BE COMPLETED UNTIL OWNERS AUTHORIZATION IS RECEIVED



NOTES:

1. GRANULAR MATERIAL IS TO BE CLEAN APPROVED MATERIAL AND PLACED AT NOTED DIMENSION PRIOR TO LAND DISTURBANCE.
2. GETEXTILE IS TO BE PLACED OVER THE ENTIRE AREA PRIOR TO STONE PLACEMENT.
3. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL REDUCE TRACKING OR FLOWING OF SEDIMENT ONTO THE R.O.W. AND GRANULAR MATERIAL IS TO BE REPLACED AS WANTED OR DIRECTED BY THE CITY AND REGION.

CONSTRUCTION MUD MAT -DETAIL B N.T.S.

REV NO.	ISSUANCE	DATE
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00	ISSUED FOR REVIEW	05JAN24

PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

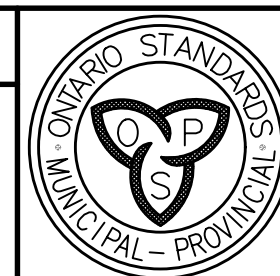
DRAWING NAME:
**PROPOSED
EROSION & SEDIMENT
CONTROL PLAN**

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: **C-05**

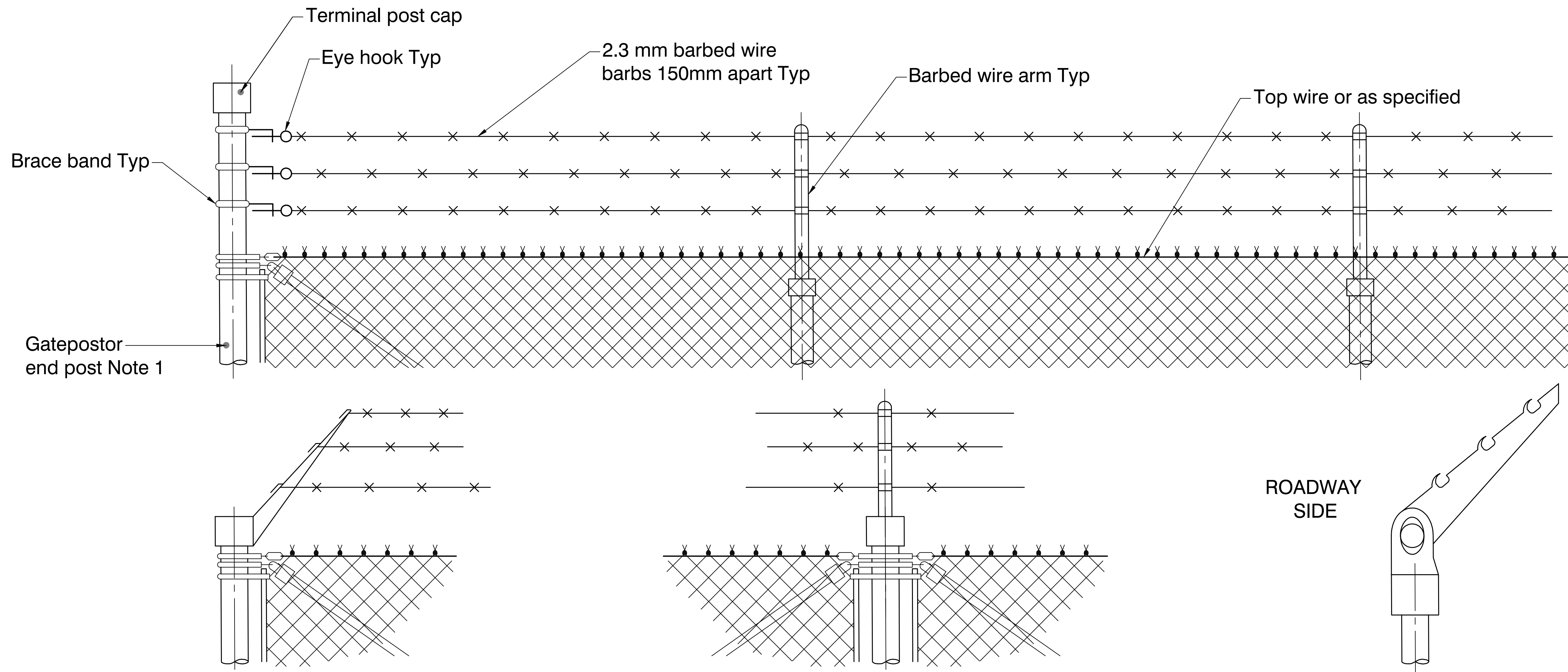
ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2021 Rev 3



**HEAVY-DUTY
SILT FENCE BARRIER**

OPSD 219.130



**CORNER POST
WITH BARBED WIRE ARM**

**STRAINING POST
WITH BARBED WIRE ARM**

ROADWAY
SIDE

**LINE POST WITH
BARBED WIRE ARM**

**FENCE, CHAIN-LINK
COMPONENT - BARBED WIRE**

**DETAIL A
N.T.S.**

NOTES:

1. TERMINAL POST SHALL BE LENGTHENED WHEN BARBED WIRE IS SPECIFIED, EXCEPT WHEN BARBED WIRE ARMS ARE USED.
 - 1.1. INSTALLATION AS VIEWED FROM THE ROADWAY.
 - 1.2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

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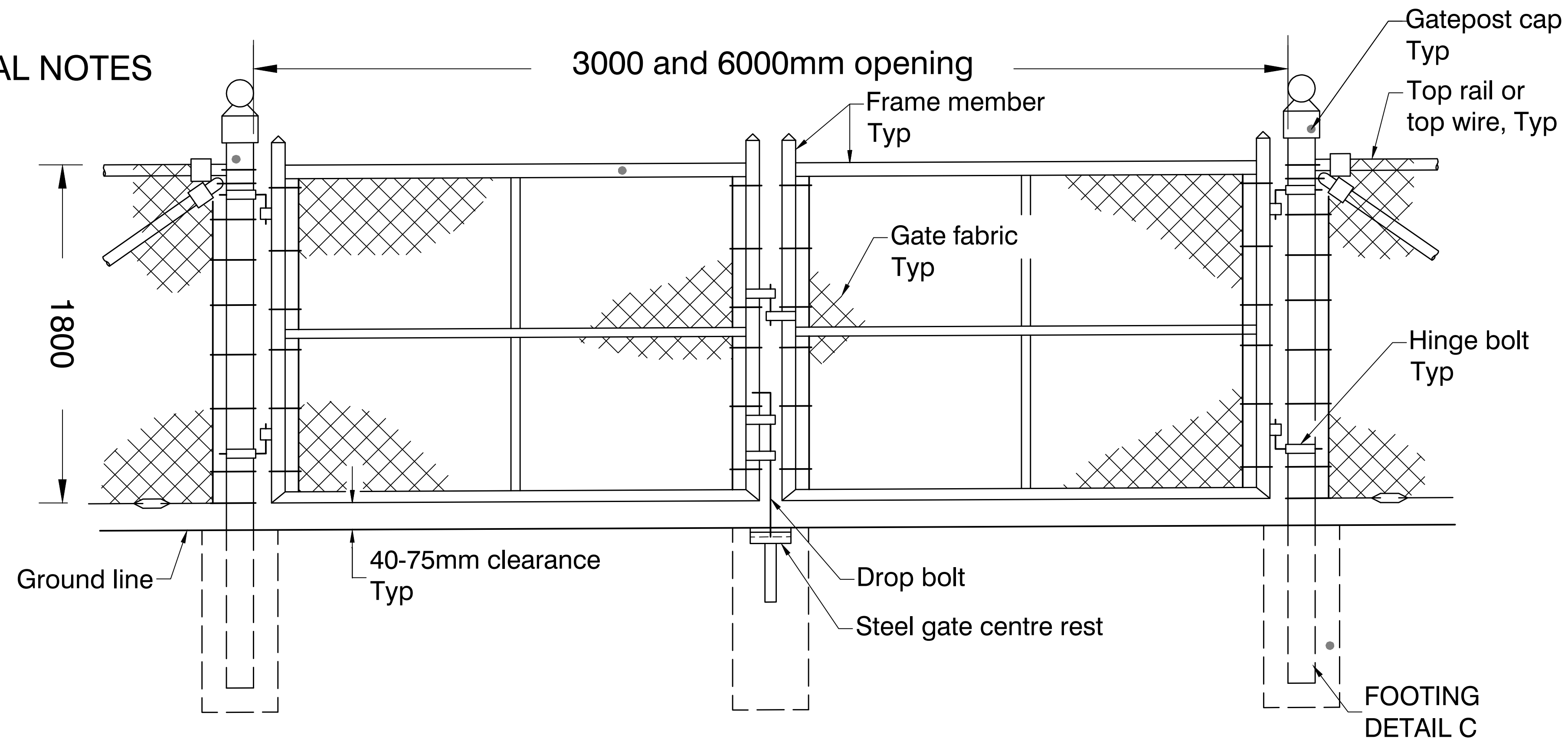
PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
PROPOSED CHAIN-LINK
FENCE DETAIL

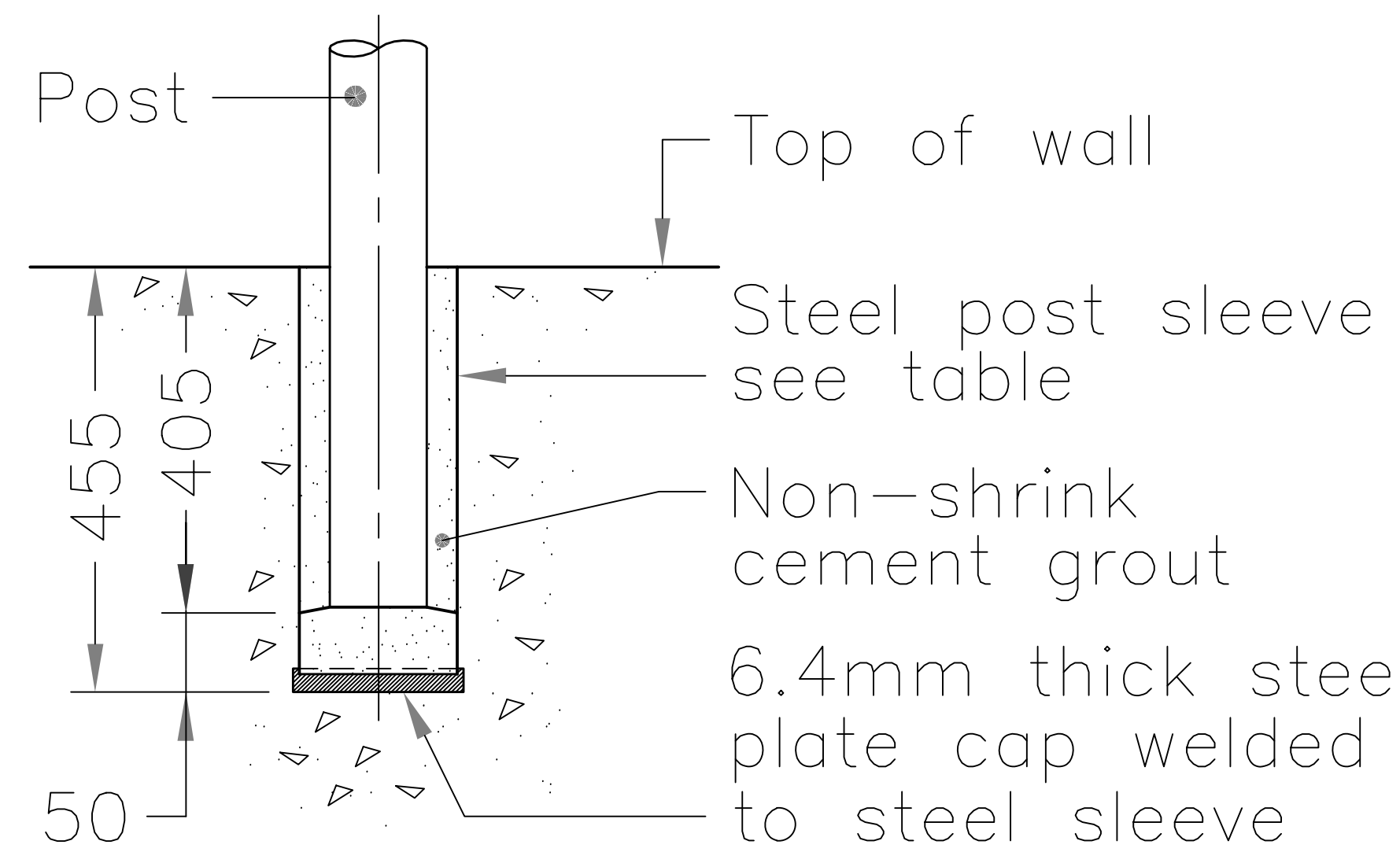
PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: S-01

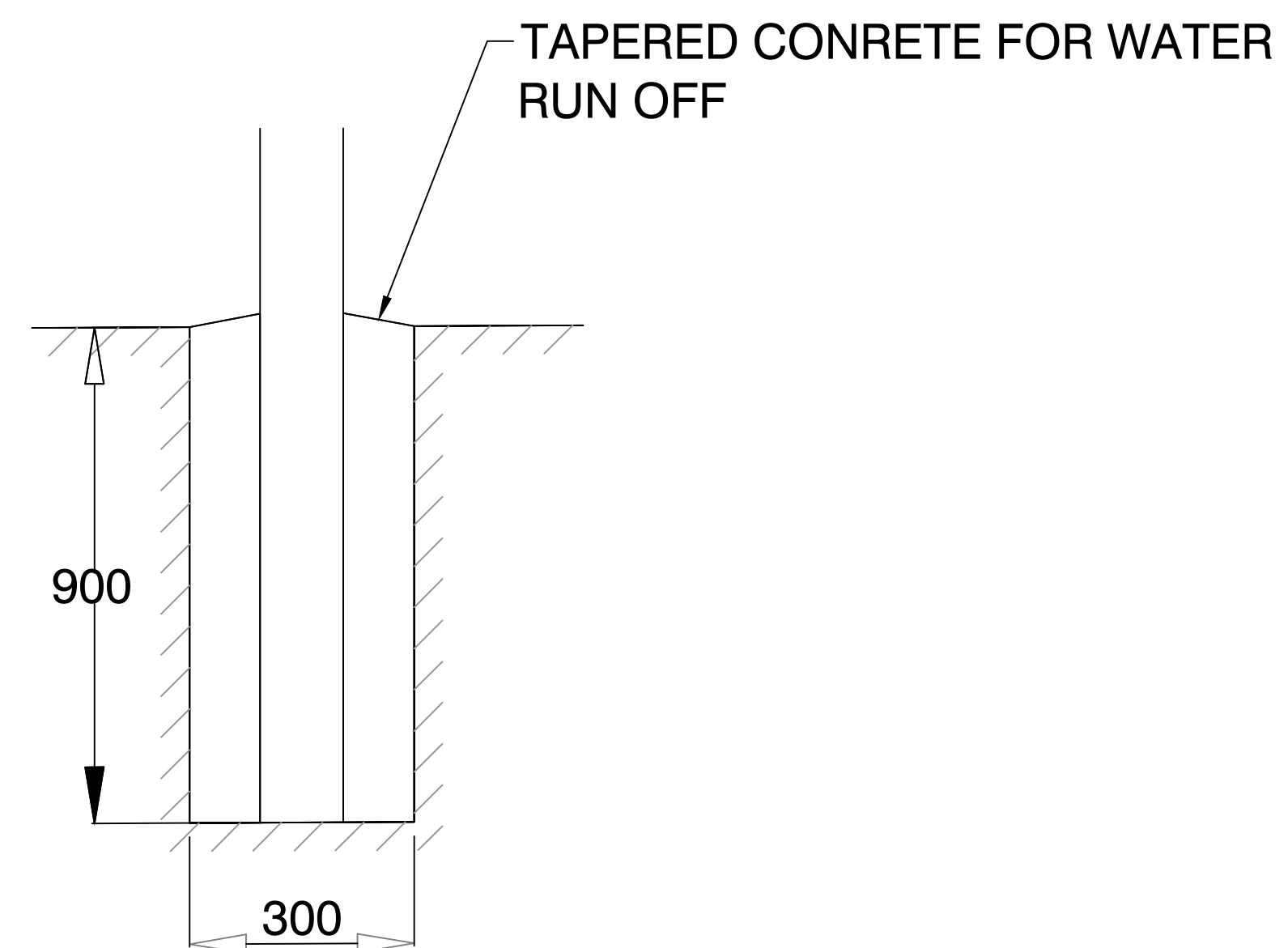
NOTE:
1. CONCRETE PER GENERAL NOTES
4.0 CONCRETE NOTES



**DOUBLE SWING GATE OPENING
DETAIL A
N.T.S.**



**FOOTING IN
RETAINING WALL
DETAIL B
N.T.S.**



**FOOTING Typ
DETAIL C
N.T.S.**

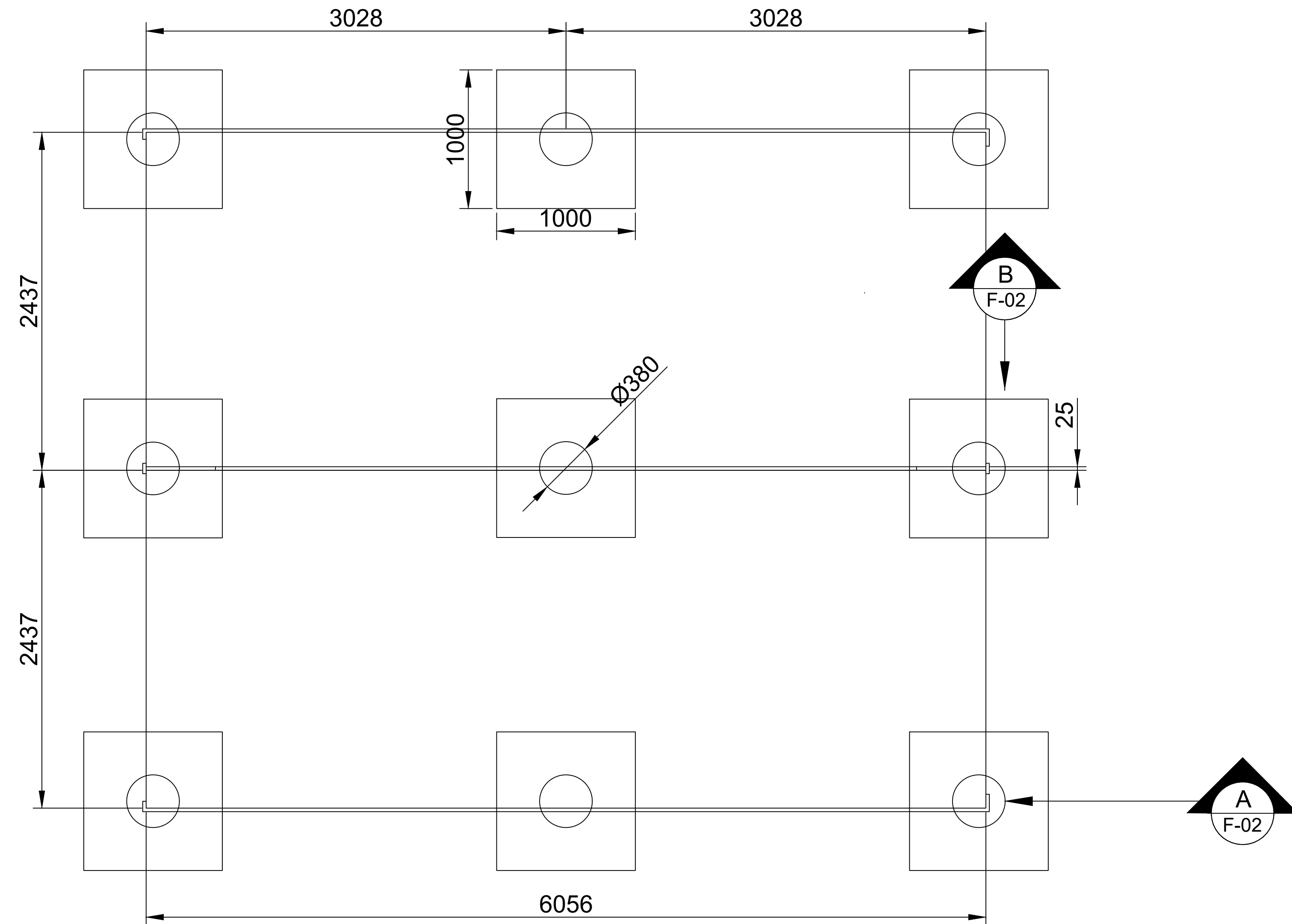
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PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

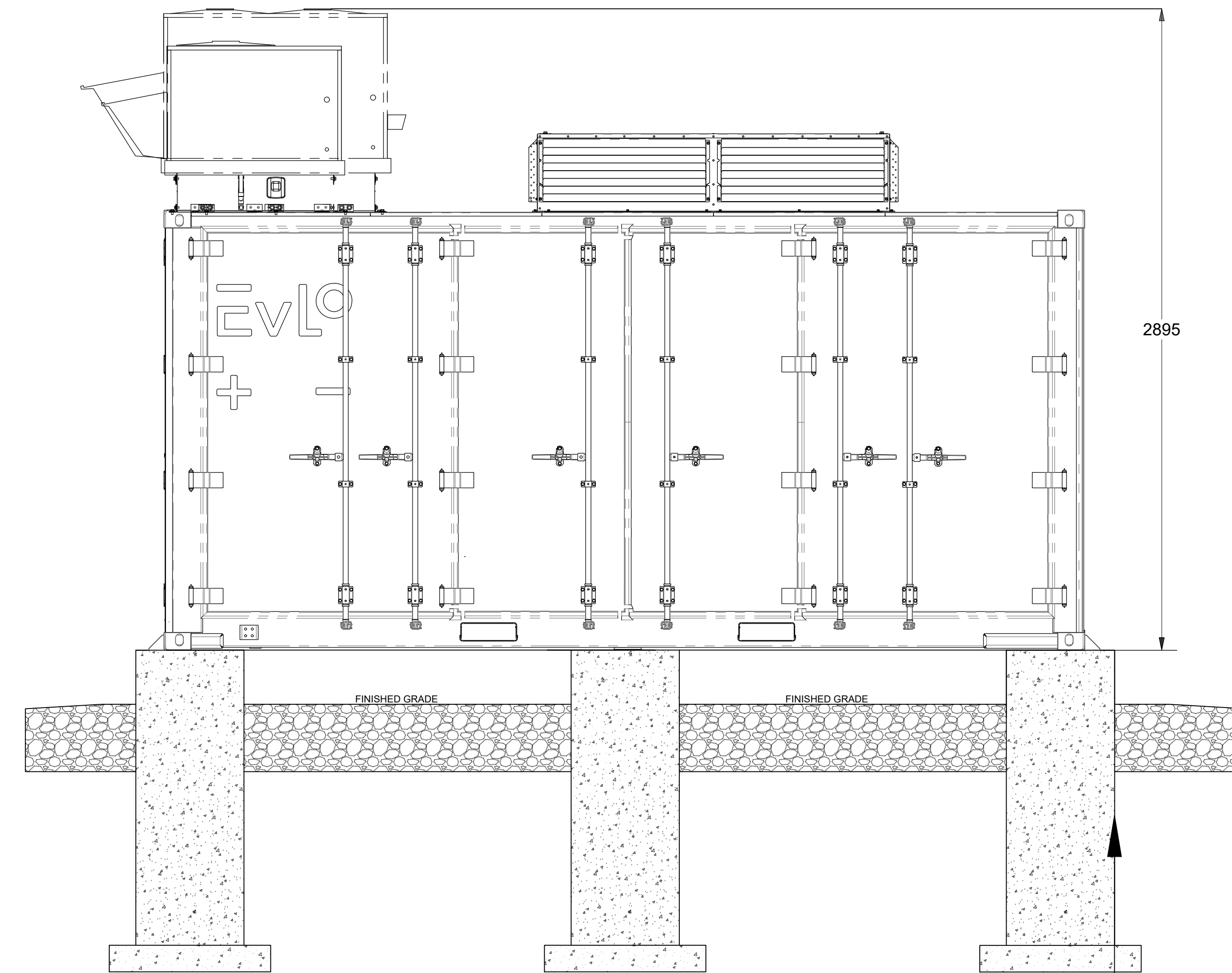
DRAWING NAME:
PROPOSED GATE AND
FOOTING DETAIL

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: S-02



PLAN VIEW
N.T.S.



ELEVATION VIEW
N.T.S.

NOTE:

1. ELECTRICAL LAYOUT AND DESIGN COMPLETED BY OTHERS, USED FOR ILLUSTRATION AND LAYOUT PURPOSES ONLY, AS TAKEN FROM DRAWING *EVLOFLEX - BESS SCHEMATIC 2023-05-03, DWG# 20000192, REV0*. DESIGN SUBJECT TO CHANGE BASED ON CHANGES IN SUPPORT FRAME DESIGN.
2. CONTRACTOR TO CONFIRM DIMENSIONS OF ELECTRICAL EQUIPMENT TO HAVE NO CONFLICT BETWEEN FOUNDATION AND ELECTRICAL EQUIPMENT WITH RESPECT TO LOCATION.
3. TOP OF ALL BEARING SURFACES SHALL BE PLACED WITH A TOLERANCE OF +3mm OF VERTICAL DESIGN ELEVATION.
4. ALL FIELD WELDS TO BE CLEANED AND ALL WELDING FLUX REMOVED AND TWO COATS OF BRUSHED COLD GALVANIZING COATING APPLIED. APPLICATION OF COATING TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATIONS.
5. UNITS IN MILLIMETERS UNLESS OTHERWISE NOTED.
6. BEARING SURFACE SHALL BE CENTERED WITH BESS FRAME RAILS. FINAL FOOTER LOCATION AND ELEVATIONS TO BE DETERMINED BY INSTALLER IN ACCORDANCE WITH THE EQUIPMENT INSTALLATION MANUAL.

NOT FOR CONSTRUCTION

REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR REVIEW	14MAY24
00	ISSUED FOR REVIEW	05JAN24

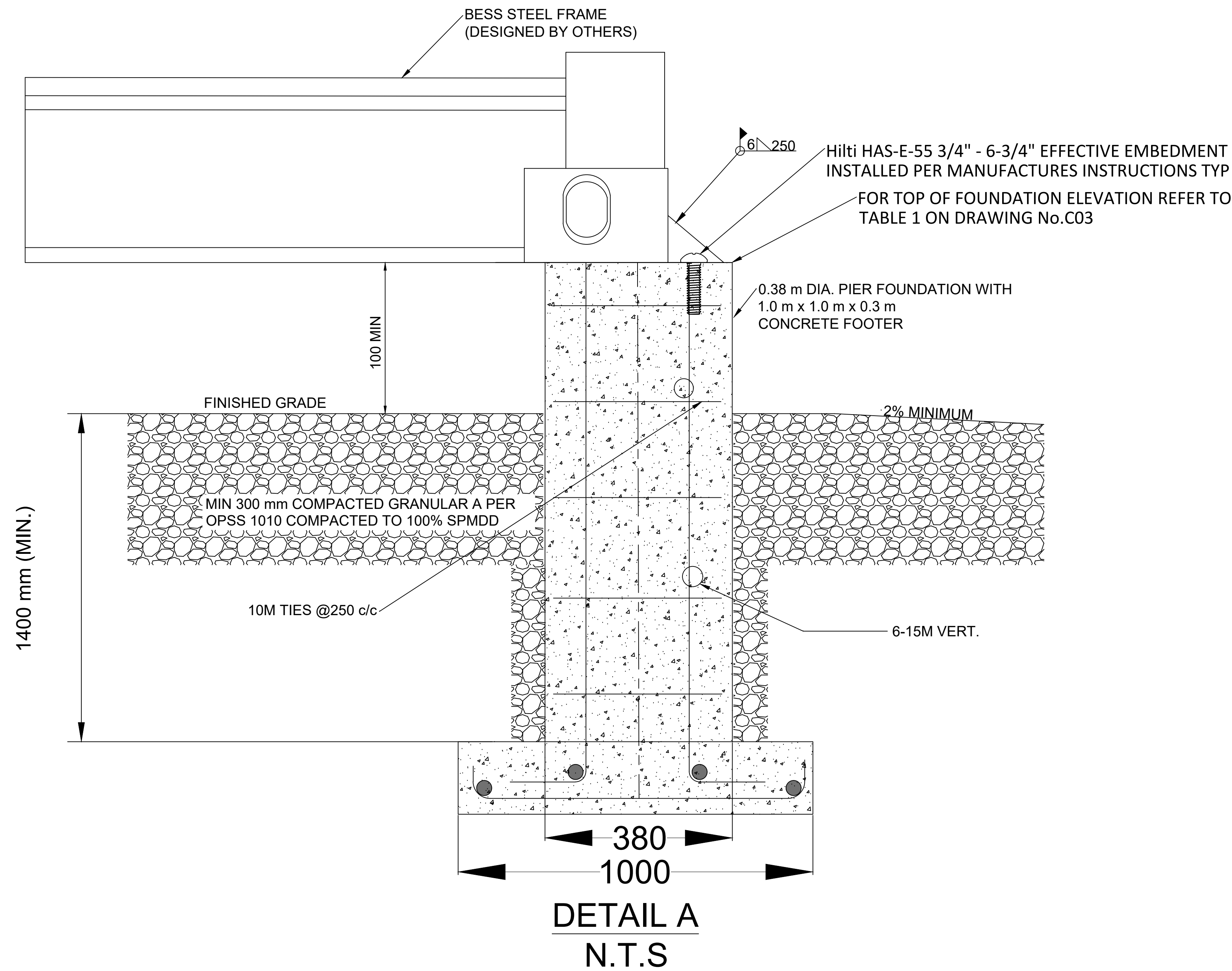
PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
PROPOSED BESS FOUNDATION
PLAN LAYOUT

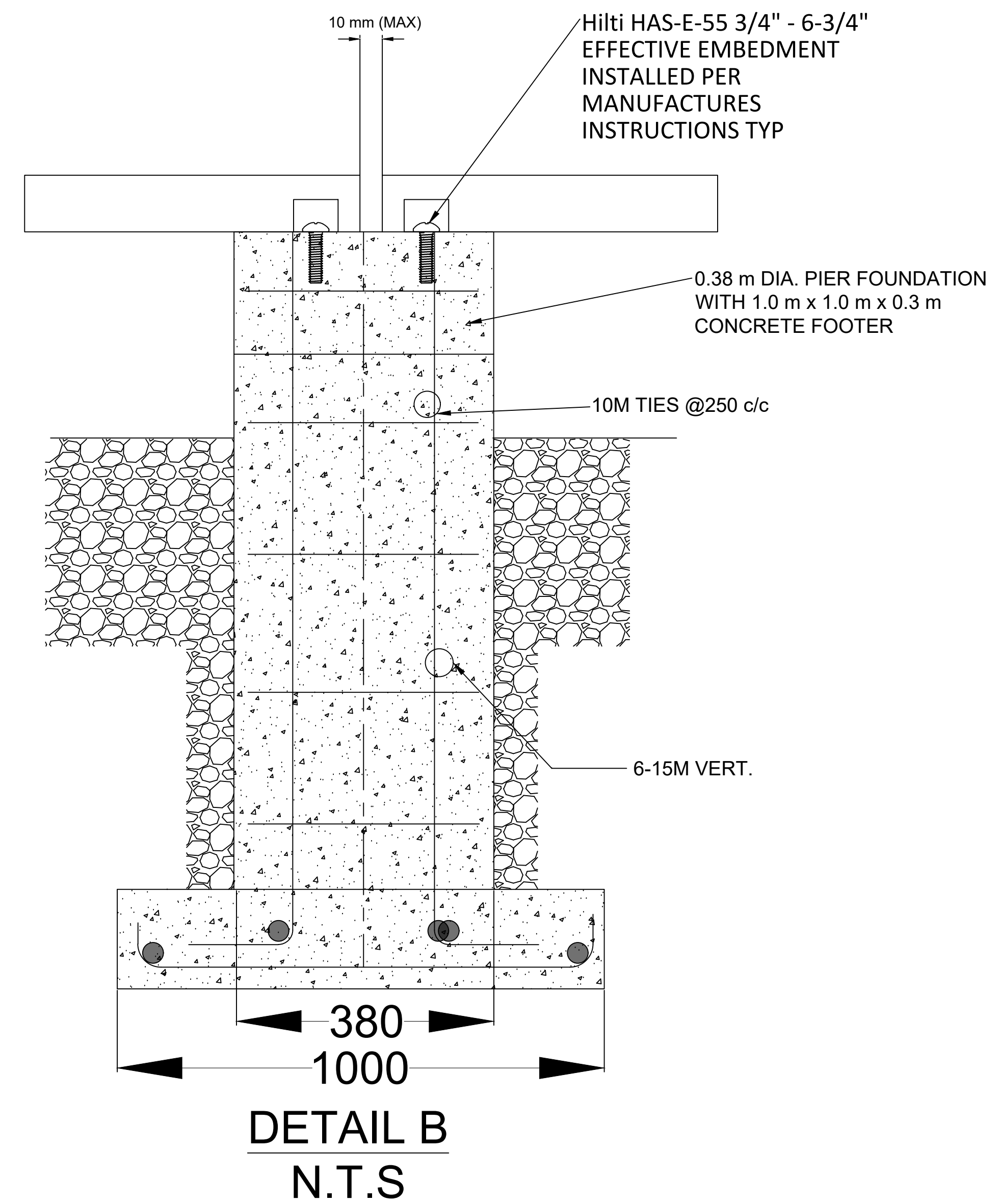
PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: F-01

CONNECTION AND CORNER DETAIL



CENTRE FOOTING



REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR REVIEW	14MAY24
00	ISSUED FOR REVIEW	05JAN24

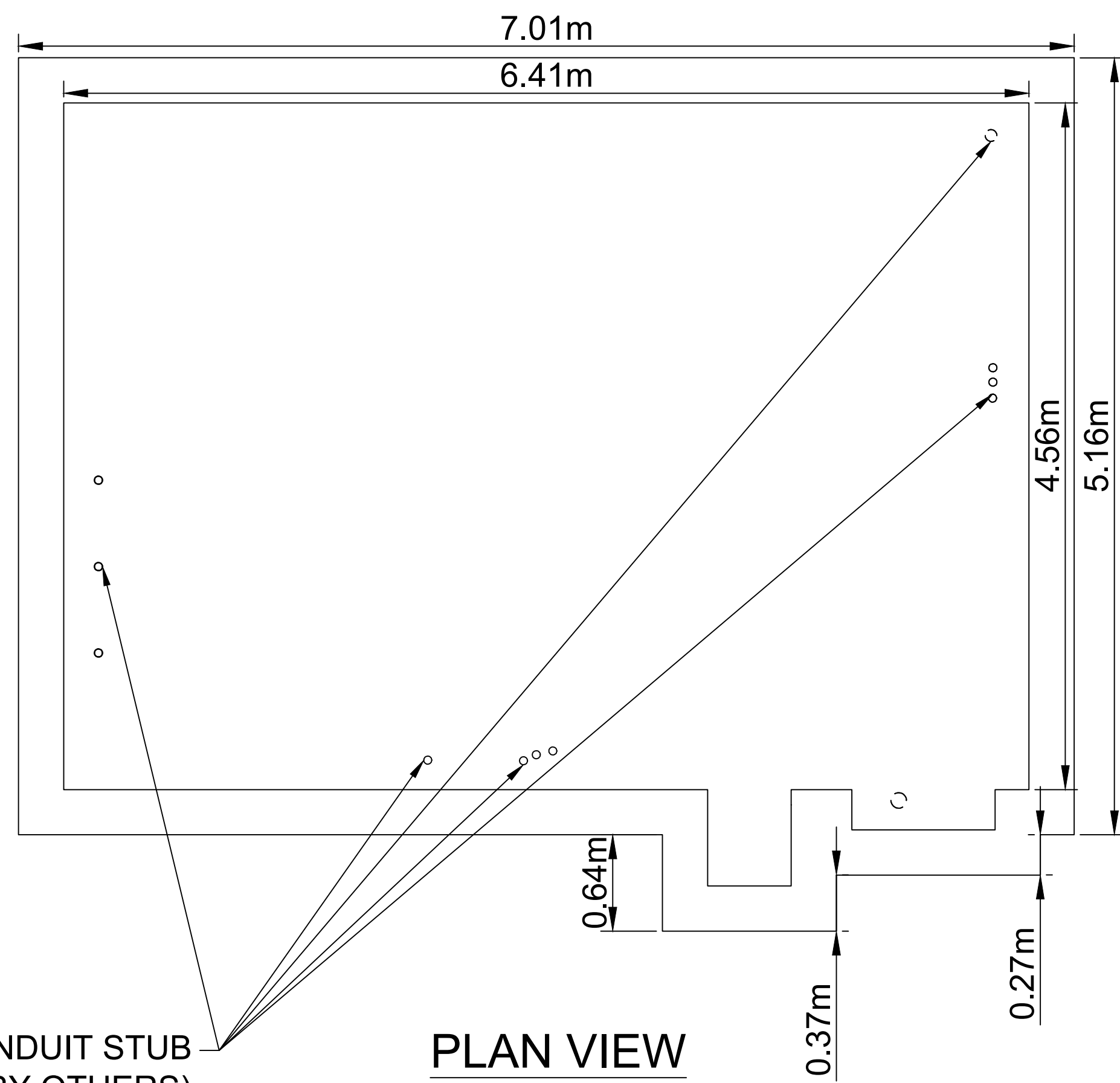
PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
PROPOSED BESS FOUNDATION
FOOTING DETAIL

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY Jr.	GK	AY

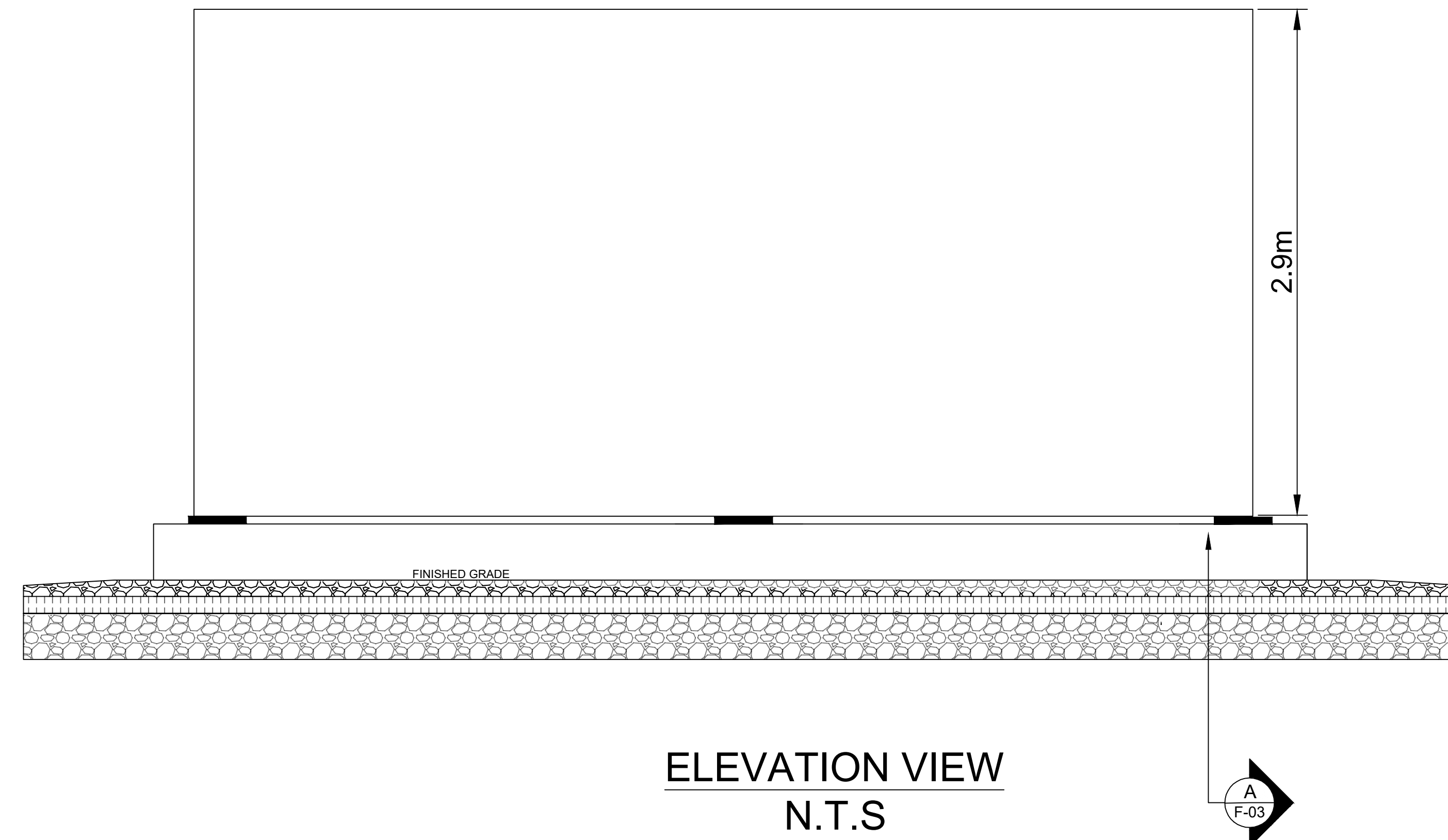
DRAWING NUMBER: F-02

NOT FOR CONSTRUCTION

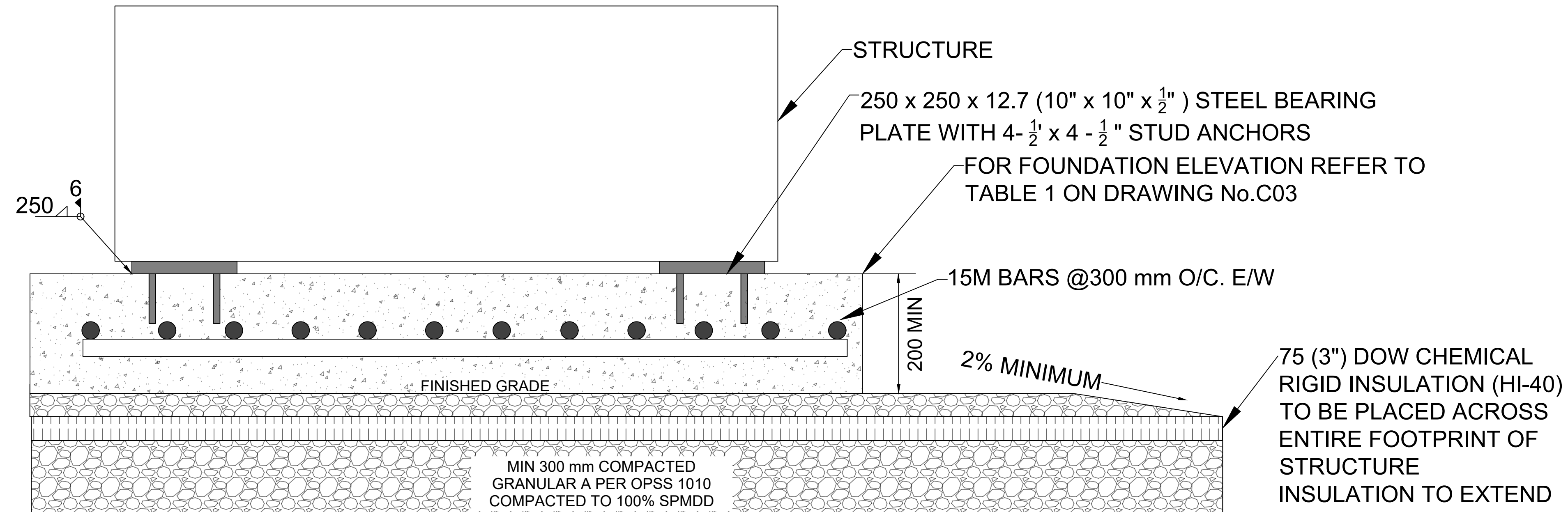


PLAN VIEW
N.T.S

ELECTRICAL CONDUIT STUB
UP (DESIGNED BY OTHERS)



ELEVATION VIEW
N.T.S



DETAIL A
N.T.S

NOTE:

1. ELECTRICAL LAYOUT AND DESIGN COMPLETED BY OTHERS, USED FOR ILLUSTRATION AND LAYOUT PURPOSES ONLY. AS TAKEN FROM THE DRAWING 60 INDUSTRIAL PARK RD., CHESLEY, ON E-HOUSE ELECTRICAL ARRANGEMENT PLAN VIEW, DWG #E212.
2. CONTRACTOR TO CONFIRM DIMENSIONS OF ELECTRICAL EQUIPMENT TO HAVE NO CONFLICT BETWEEN FOUNDATION AND ELECTRICAL EQUIPMENT WITH RESPECT TO LOCATION.
3. TOP OF ALL BEARING PLATES SHALL BE PLACED WITH A TOLERANCE OF +3mm OF VERTICAL DESIGN ELEVATION.
4. ALL FIELD WELDS TO BE CLEANED AND ALL WELDING FLUX REMOVED AND TWO COATS OF BRUSHED COLD GALVANIZING COATING APPLIED. APPLICATION OF COATING TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATIONS.
5. UNITS IN MILLIMETERS UNLESS OTHERWISE NOTED.
6. BEARING PLATES SHALL BE CENTERED WITH E-HOUSE FRAME RAILS. FINAL FOOTER LOCATION AND ELEVATIONS TO BE DETERMINED BY INSTALLER IN ACCORDANCE WITH THE EQUIPMENT INSTALLATION MANUAL.

NOT FOR CONSTRUCTION

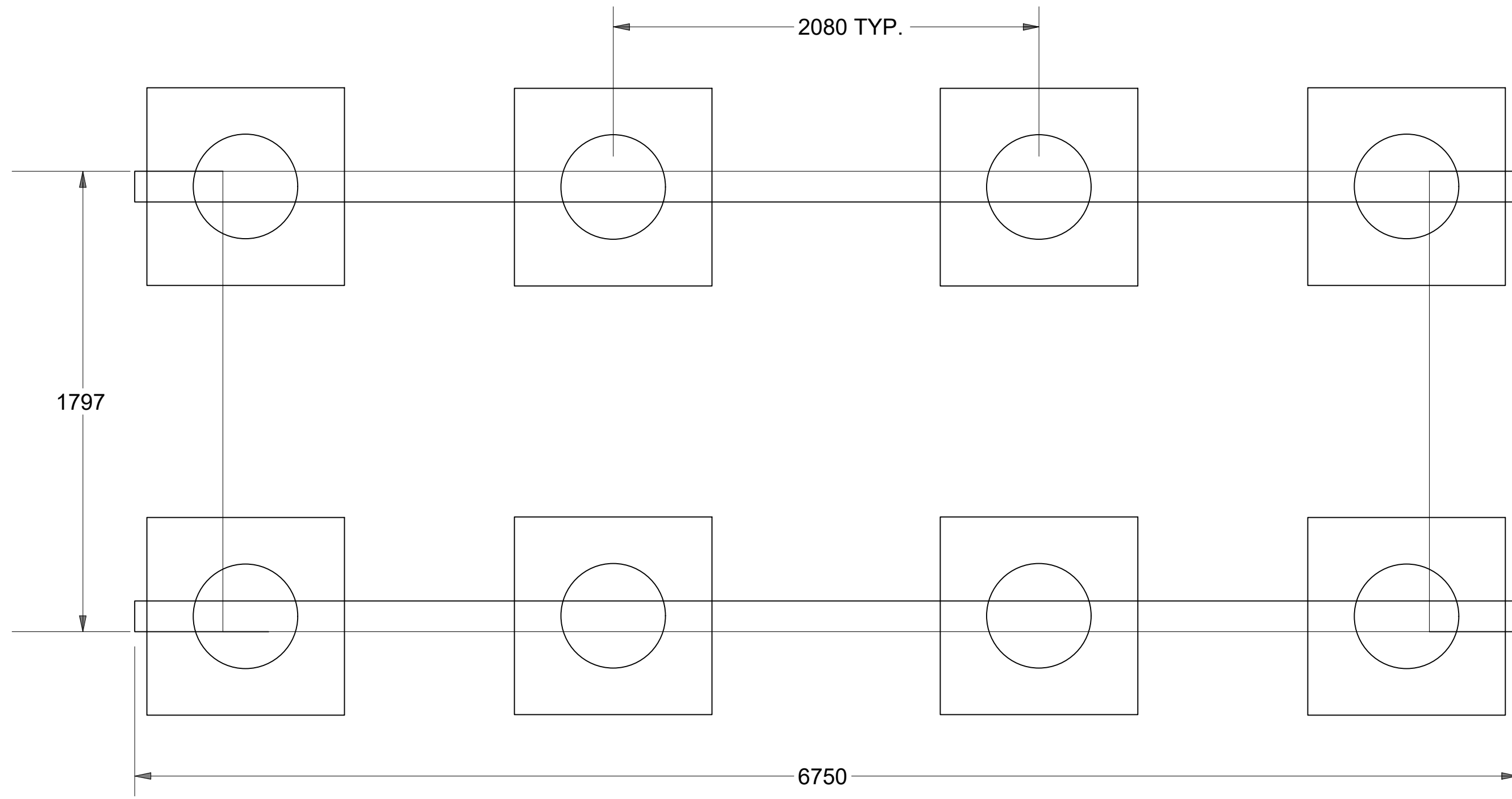
REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR REVIEW	14MAY24
00	ISSUED FOR REVIEW	05JAN24

PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

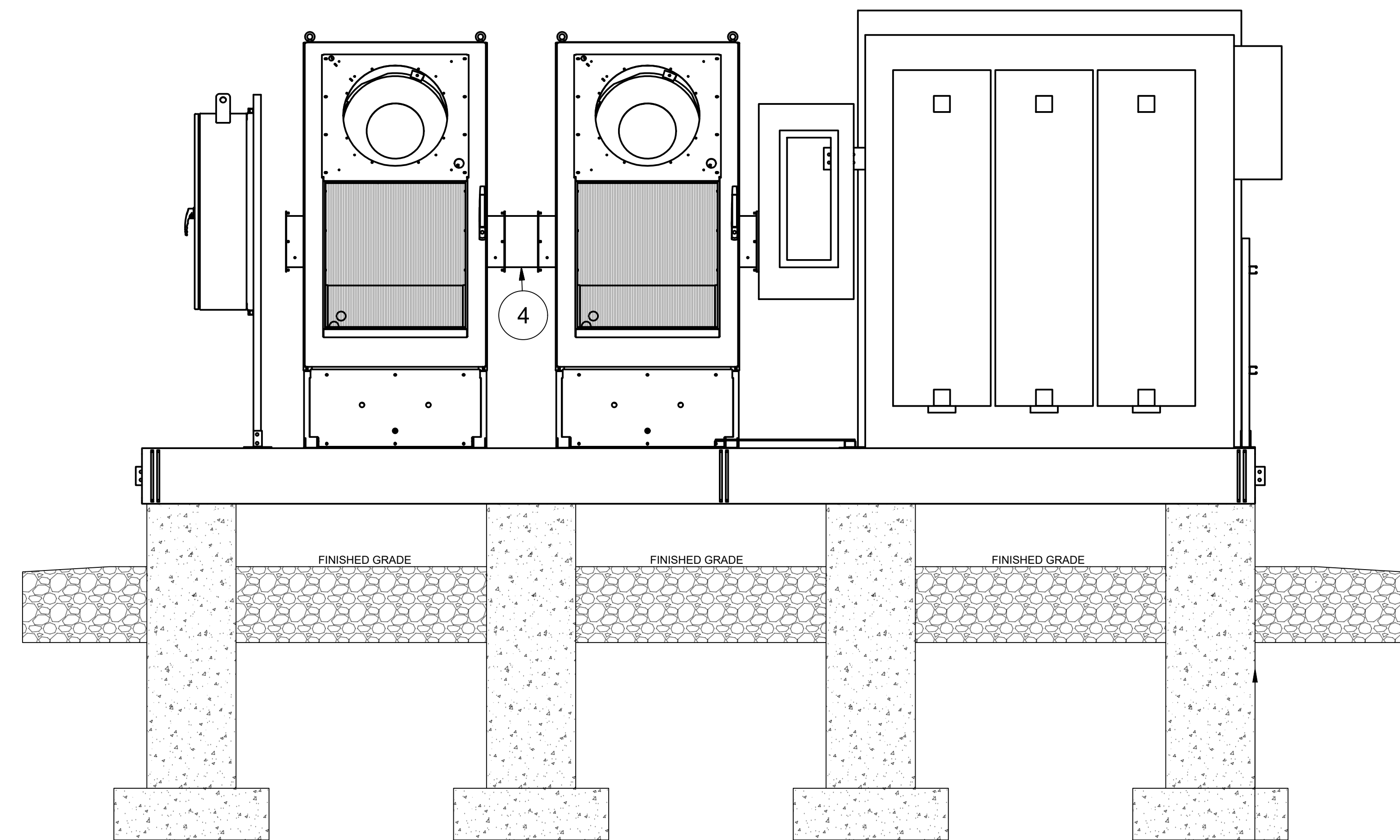
DRAWING NAME:
PROPOSED E-HOUSE
FOUNDATION SITE PLAN
AND DETAIL

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: **F-03**

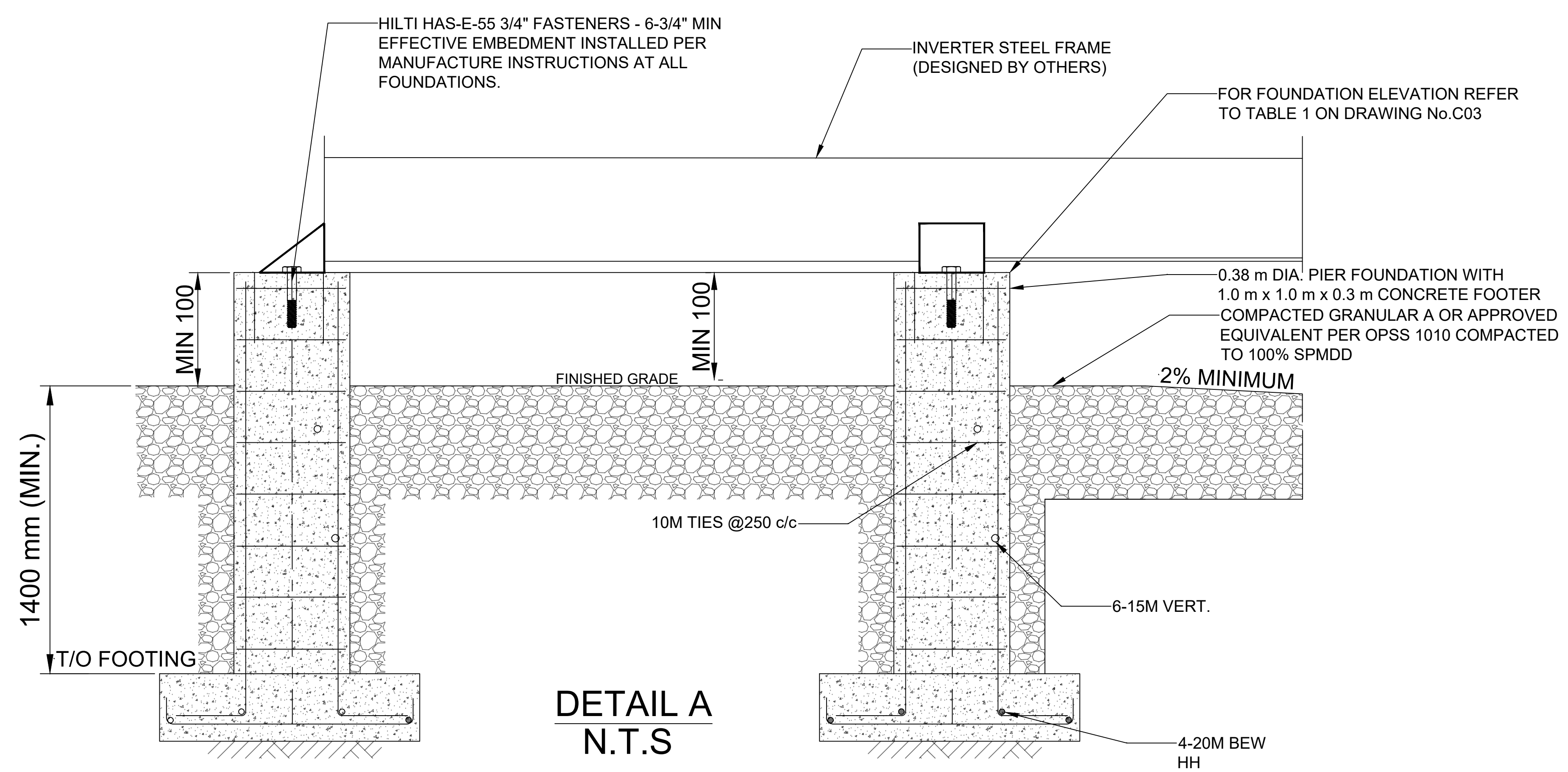


PLAN VIEW
N.T.S



SECTION VIEW
N.T.S

- NOTE:**
1. ELECTRICAL LAYOUT AND DESIGN COMPLETED BY OTHERS, USED FOR ILLUSTRATION AND LAYOUT PURPOSES ONLY, AS TAKEN FROM DRAWING *EVLO INVERTER FRAME SAMPLE, DRAWING # 20000052, REV 00*. DESIGN SUBJECT TO CHANGE BASED ON CHANGES IN SUPPORT FRAME DESIGN.
 2. CONTRACTOR TO CONFIRM DIMENSIONS OF ELECTRICAL EQUIPMENT TO HAVE NO CONFLICT BETWEEN FOUNDATION AND ELECTRICAL EQUIPMENT WITH RESPECT TO LOCATION.
 3. TOP OF ALL BEARING SURFACES SHALL BE PLACED WITH A TOLERANCE OF 3mm OF VERTICAL DESIGN ELEVATION.
 4. ALL FIELD WELDS TO BE CLEANED AND ALL WELDING FLUX REMOVED AND TWO COATS OF BRUSHED COLD GALVANIZING COATING APPLIED. APPLICATION OF COATING TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATIONS.
 5. UNITS IN MILLIMETERS UNLESS OTHERWISE NOTED.
 6. BEARING SURFACE SHALL BE CENTERED WITH FRAME RAILS. FINAL FOOTER LOCATION AND ELEVATIONS TO BE DETERMINED BY INSTALLER IN ACCORDANCE WITH THE EQUIPMENT INSTALLATION MANUAL.



DETAIL A
N.T.S

NOT FOR CONSTRUCTION

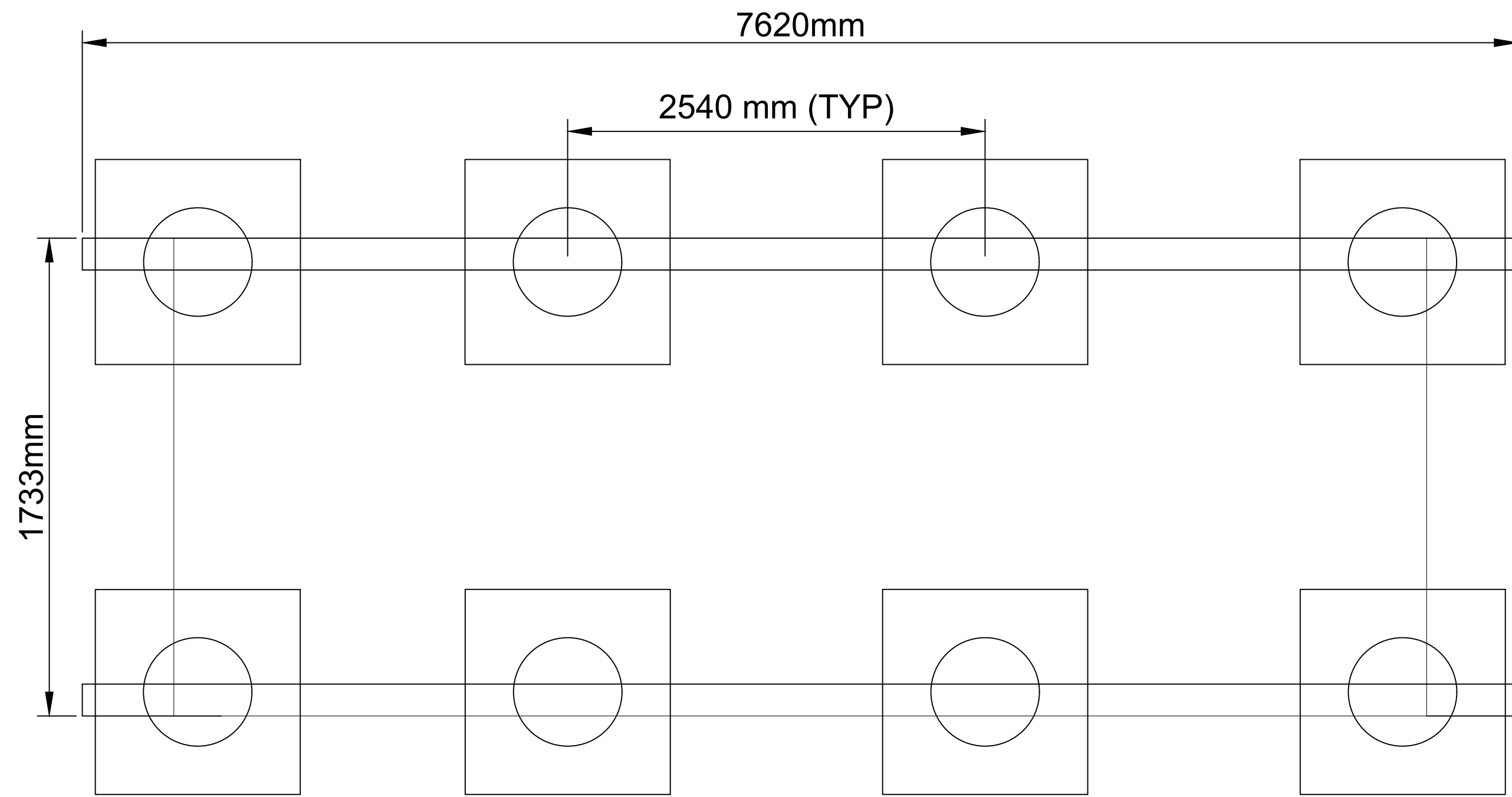
REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR REVIEW	14MAY24
00	ISSUED FOR REVIEW	05JAN24

PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

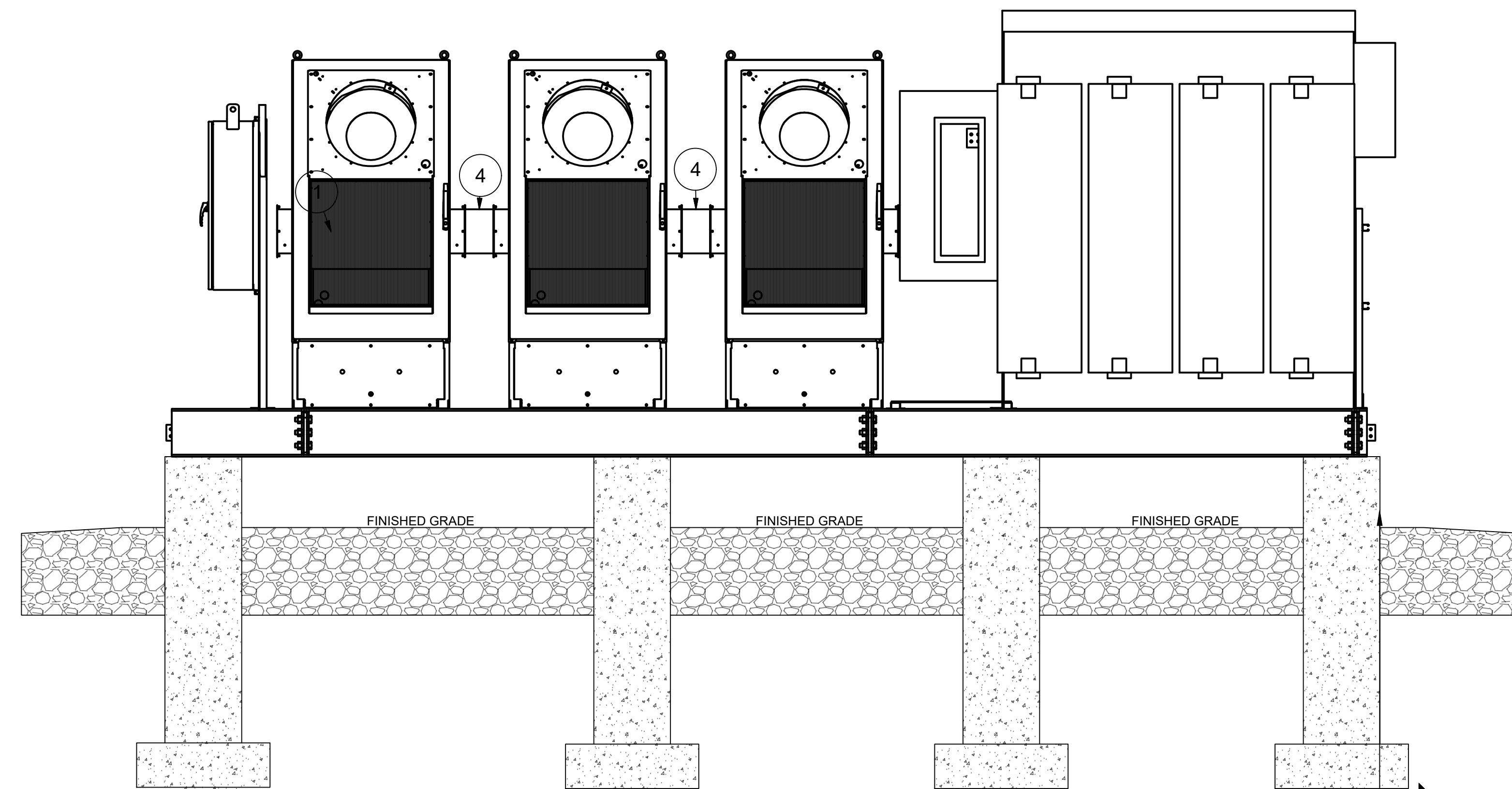
DRAWING NAME:
**PROPOSED INVERTER FRAME
SMALL FOUNDATION
PLAN LAYOUT**

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: **F-04**



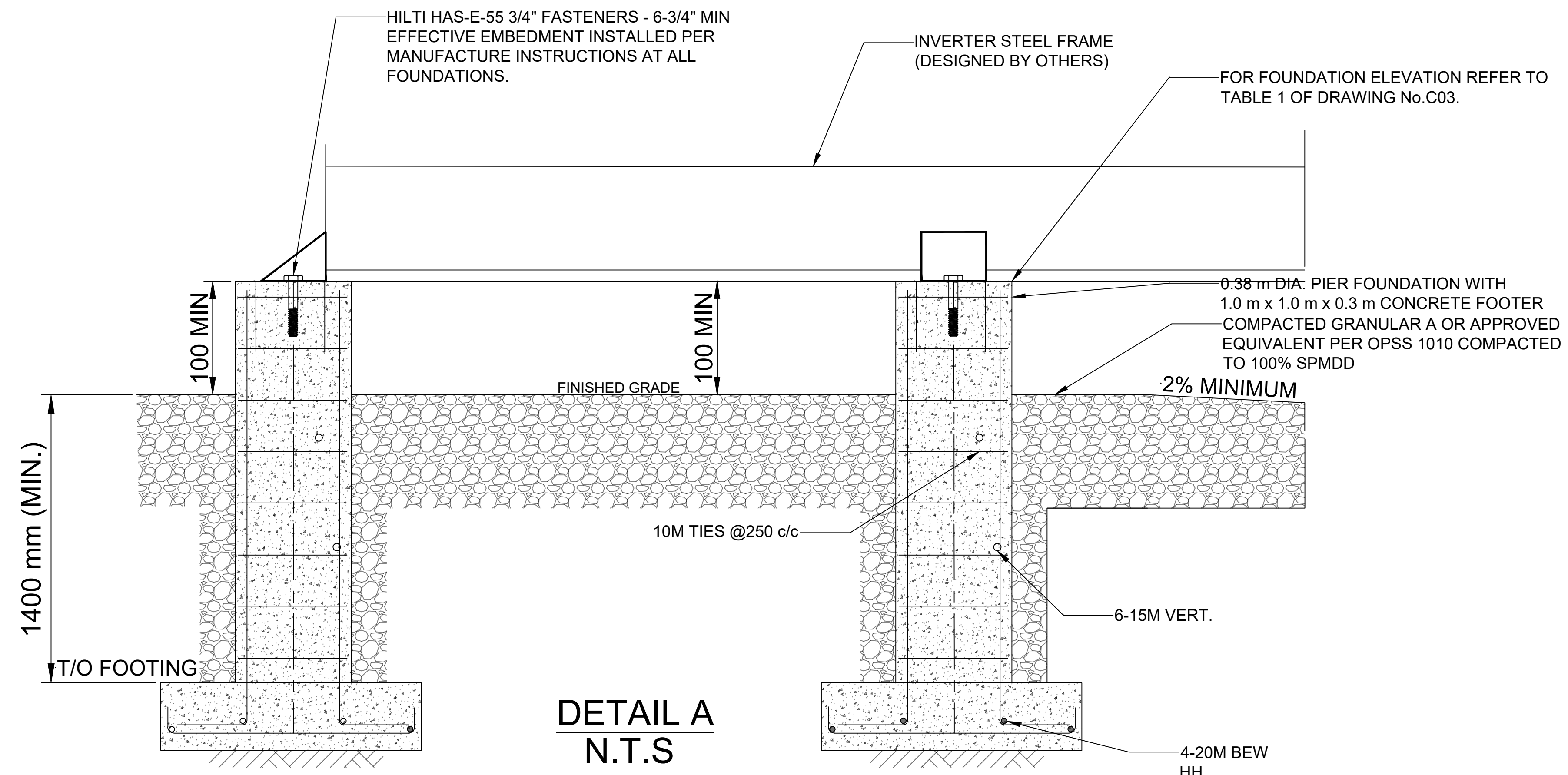
PLAN VIEW
N.T.S



SECTION VIEW
N.T.S

NOTE:

1. ELECTRICAL LAYOUT AND DESIGN COMPLETED BY OTHERS, USED FOR ILLUSTRATION AND LAYOUT PURPOSES ONLY, AS TAKEN FROM DRAWING *EVLO INVERTER FRAME SAMPLE, DRAWING # 20000052, REV 00*. DESIGN SUBJECT TO CHANGE BASED ON CHANGES IN SUPPORT FRAME DESIGN.
2. CONTRACTOR TO CONFIRM DIMENSIONS OF ELECTRICAL EQUIPMENT TO HAVE NO CONFLICT BETWEEN FOUNDATION AND ELECTRICAL EQUIPMENT WITH RESPECT TO LOCATION.
3. TOP OF ALL BEARING SURFACES SHALL BE PLACED WITH A TOLERANCE OF 3mm OF VERTICAL DESIGN ELEVATION.
4. ALL FIELD WELDS TO BE CLEANED AND ALL WELDING FLUX REMOVED AND TWO COATS OF BRUSHED COLD GALVANIZING COATING APPLIED. APPLICATION OF COATING TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATIONS.
5. UNITS IN MILLIMETERS UNLESS OTHERWISE NOTED.
6. BEARING SURFACE SHALL BE CENTERED WITH FRAME RAILS. FINAL FOOTER LOCATION AND ELEVATIONS TO BE DETERMINED BY INSTALLER IN ACCORDANCE WITH THE EQUIPMENT INSTALLATION MANUAL.



DETAIL A
N.T.S

NOT FOR CONSTRUCTION

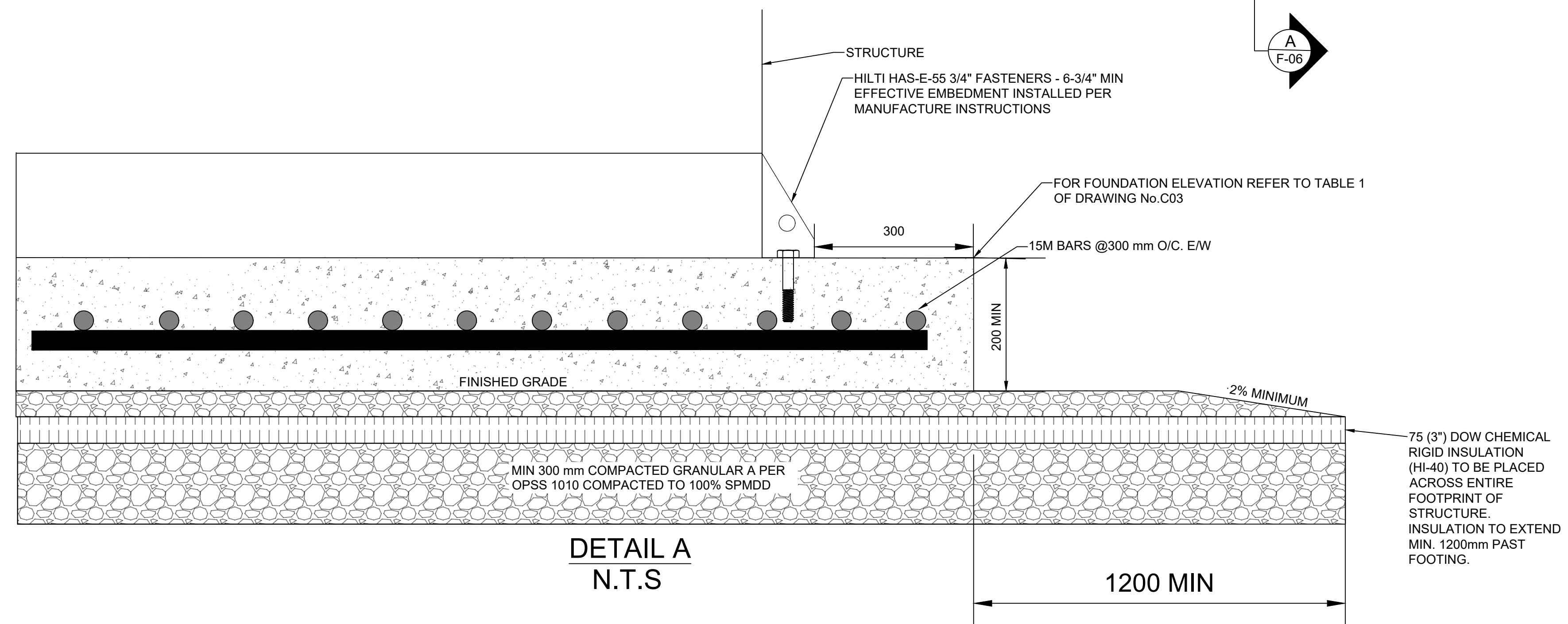
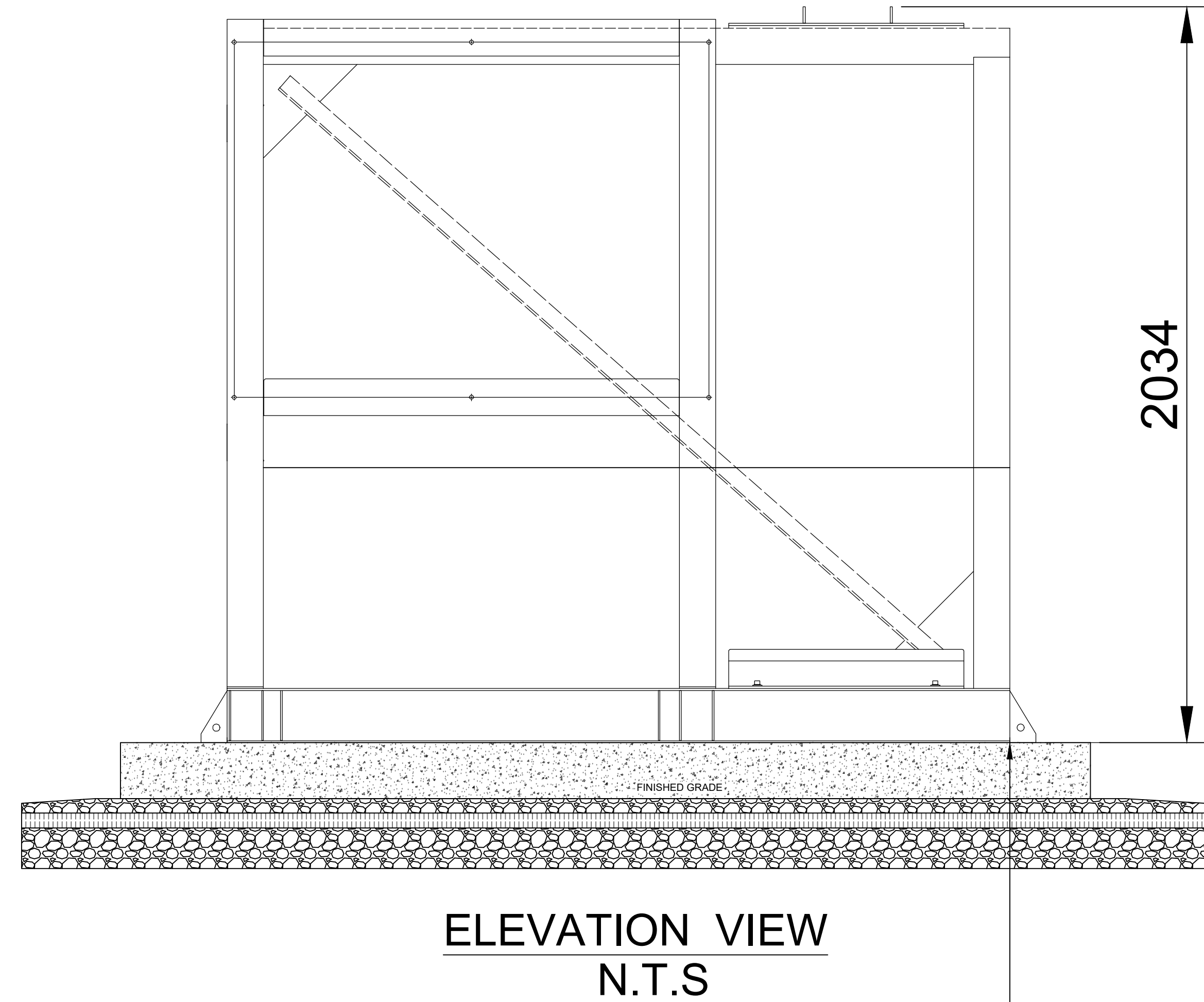
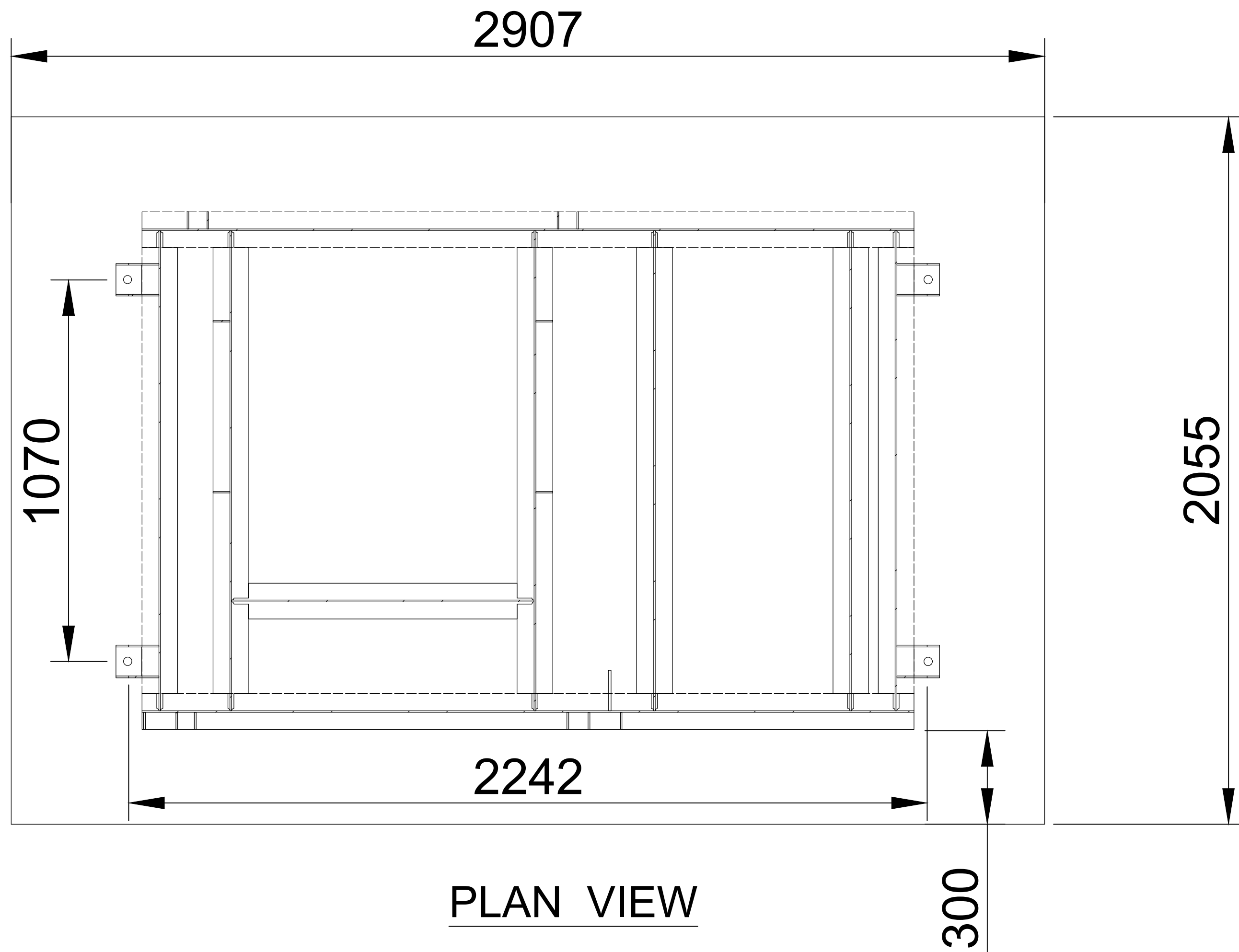
REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR REVIEW	14MAY24
00	ISSUED FOR REVIEW	05JAN24

PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
PROPOSED INVERTER FRAME
LARGE FOUNDATION
PLAN LAYOUT

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: F-05



- NOTE:**
1. ELECTRICAL LAYOUT AND DESIGN COMPLETED BY OTHERS, USED FOR ILLUSTRATION AND LAYOUT PURPOSES ONLY. AS TAKEN FROM THE DRAWING AUXILIARY STRCUTRE ASSEMBLY WELDING DWG# 20001394 REV 00, DATES 2023-11-24.
 2. CONTRACTOR TO CONFIRM DIMENSIONS OF ELECTRICAL EQUIPMENT TO HAVE NO CONFLICT BETWEEN FOUNDATION AND ELECTRICAL EQUIPMENT WITH RESPECT TO LOCATION.
 3. UNITS IN MILLIMETERS UNLESS OTHERWISE NOTED.
 4. STRUCTURE SHALL BE CENTERED ON SLAB. FINAL SLAB LOCATION AND ELEVATIONS TO BE DETERMINED BY INSTALLER IN ACCORDANCE WITH THE EQUIPMENT INSTALLATION MANUAL.
 5. FINAL DESIGN SUBJECT TO CHANGE BASED ON EQUIPMENT SELECTION.

REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR PERMIT	14MAY24
00	ISSUED FOR REVIEW	05JAN24

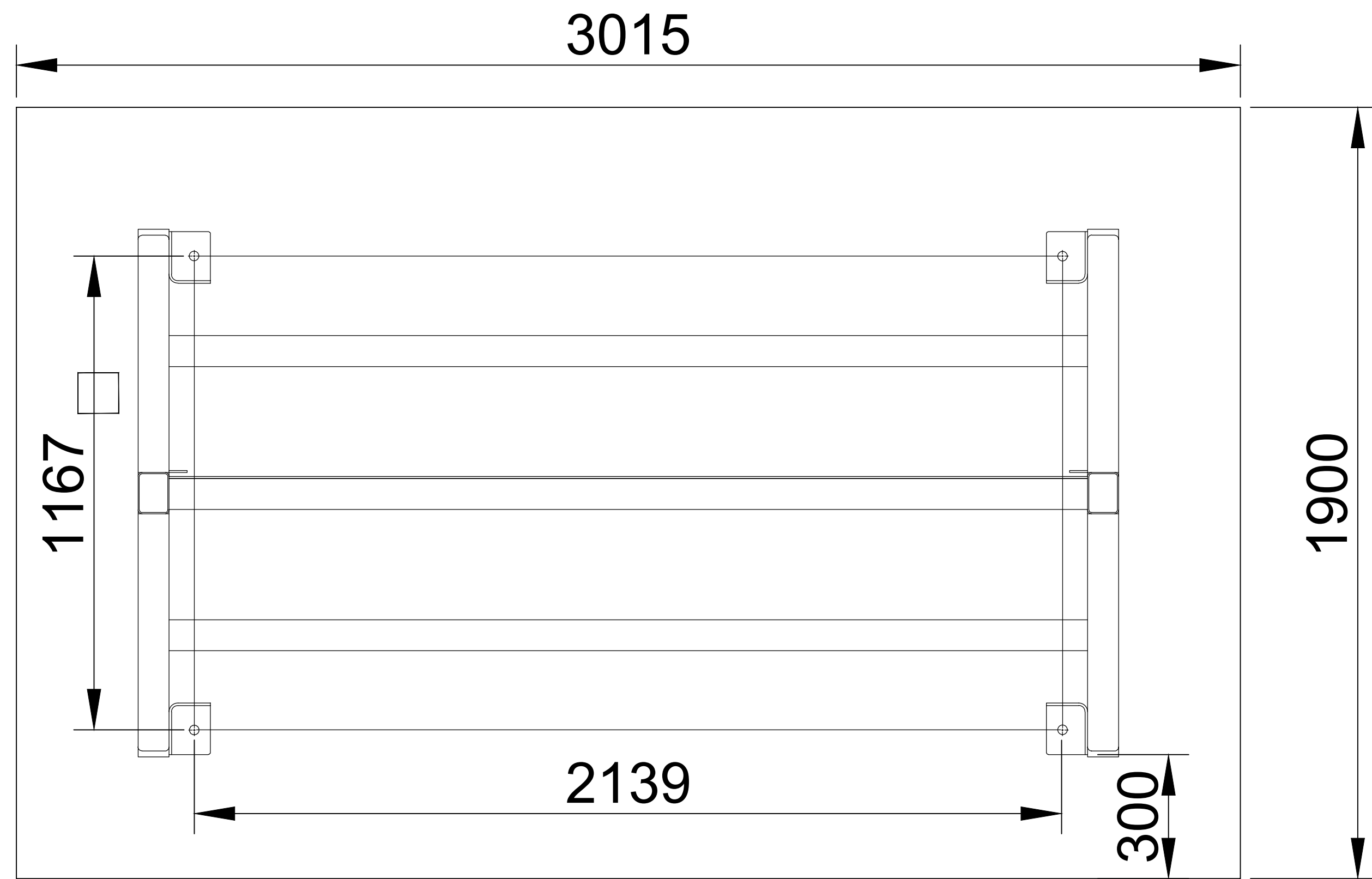
PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
**PROPOSED
AUXILIARY STRUCTURE
FOUNDATION SITE PLAN**

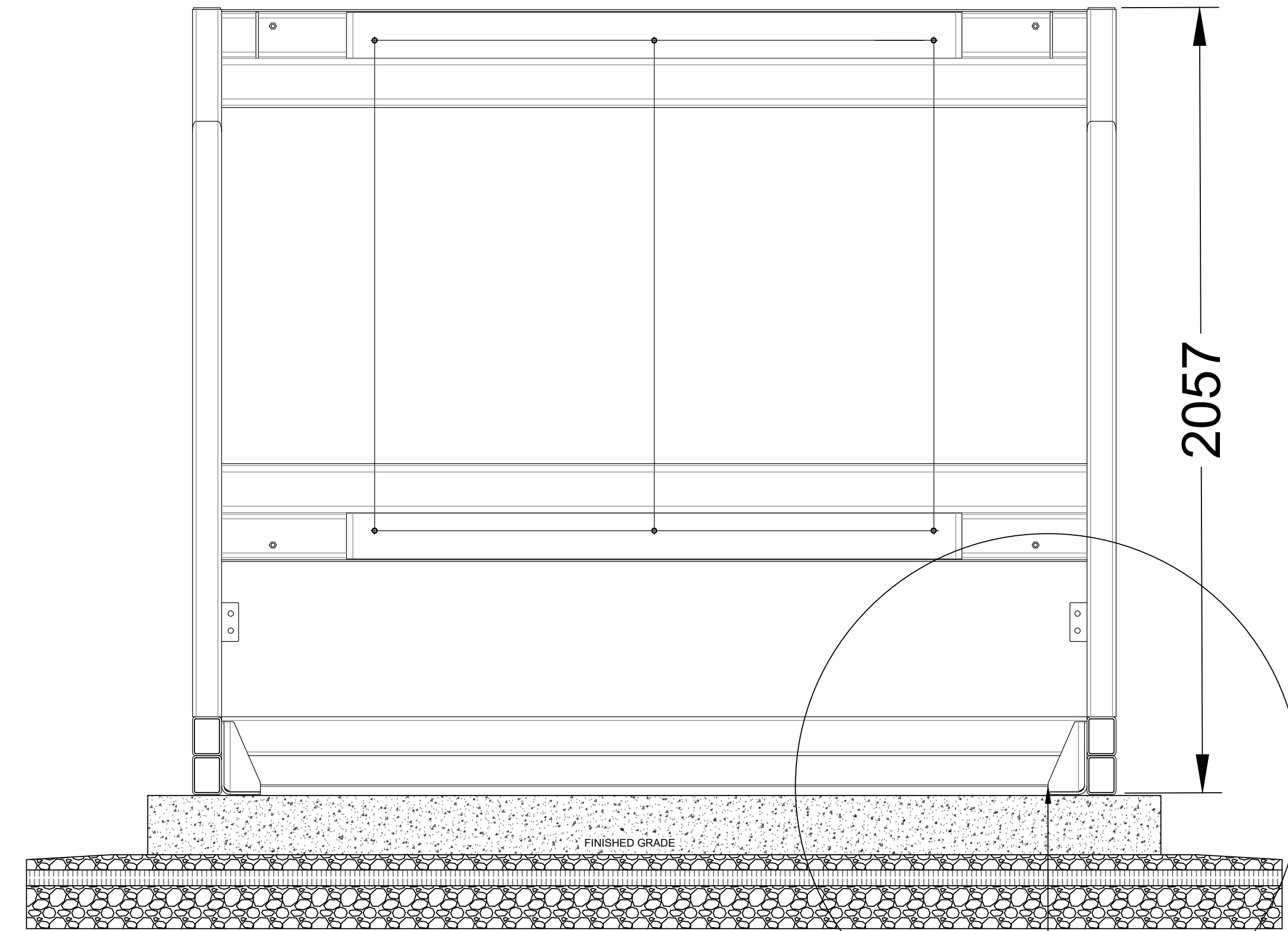
PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: **F-06**

NOT FOR CONSTRUCTION



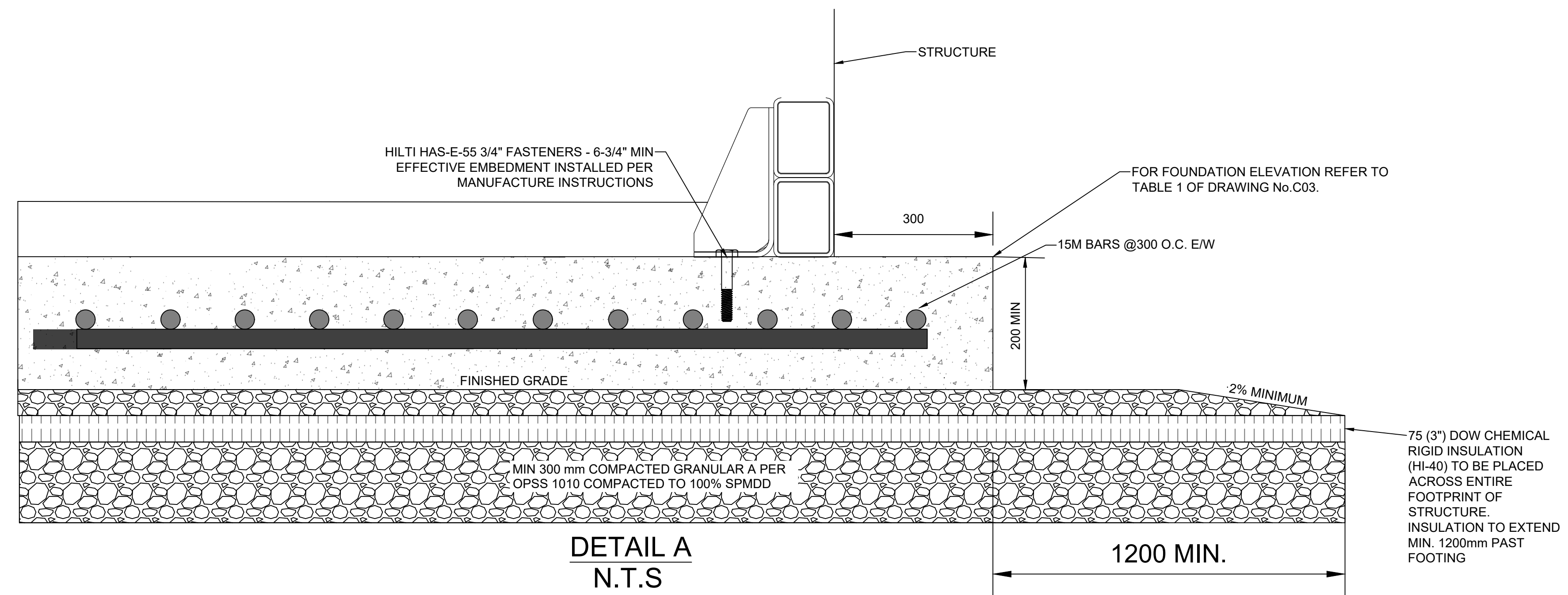
PLAN VIEW



ELEVATION VIEW
N.T.S

NOTE:

1. ELECTRICAL LAYOUT AND DESIGN COMPLETED BY OTHERS, USED FOR ILLUSTRATION AND LAYOUT PURPOSES ONLY. AS TAKEN FROM THE DRAWING AUXILIARY STRCUTRE ASSEMBLY WELDING DWG# 20001394 REV 00, DATES 2023-11-24.
2. CONTRACTOR TO CONFIRM DIMENSIONS OF ELECTRICAL EQUIPMENT TO HAVE NO CONFLICT BETWEEN FOUNDATION AND ELECTRICAL EQUIPMENT WITH RESPECT TO LOCATION.
3. UNITS IN MILLIMETERS UNLESS OTHERWISE NOTED.
4. STRUCTURE SHALL BE CENTERED ON SLAB. FINAL SLAB LOCATION AND ELEVATIONS TO BE DETERMINED BY INSTALLER IN ACCORDANCE WITH THE EQUIPMENT INSTALLATION MANUAL.
5. FINAL DESIGN SUBJECT TO CHANGE BASED ON EQUIPMENT SELECTION.



DETAIL A
N.T.S

NOT FOR CONSTRUCTION

REV NO.	ISSUANCE	DATE
02	LAYOUT CHANGE	09OCT24
01	ISSUED FOR REVIEW	14MAY24
00	ISSUED FOR REVIEW	05JAN24

PROJECT NAME:
SOLARBANK OZ-1
157 7TH STREET SW
CHESLEY, ONTARIO

DRAWING NAME:
EMP STRUCTURE
FOUNDATION SITE PLAN

PROJ. NO.:	DWG. BY:	CHKD. BY:	APPR. BY:
23-153-03	AY.Jr.	GK	AY

DRAWING NUMBER: F-07