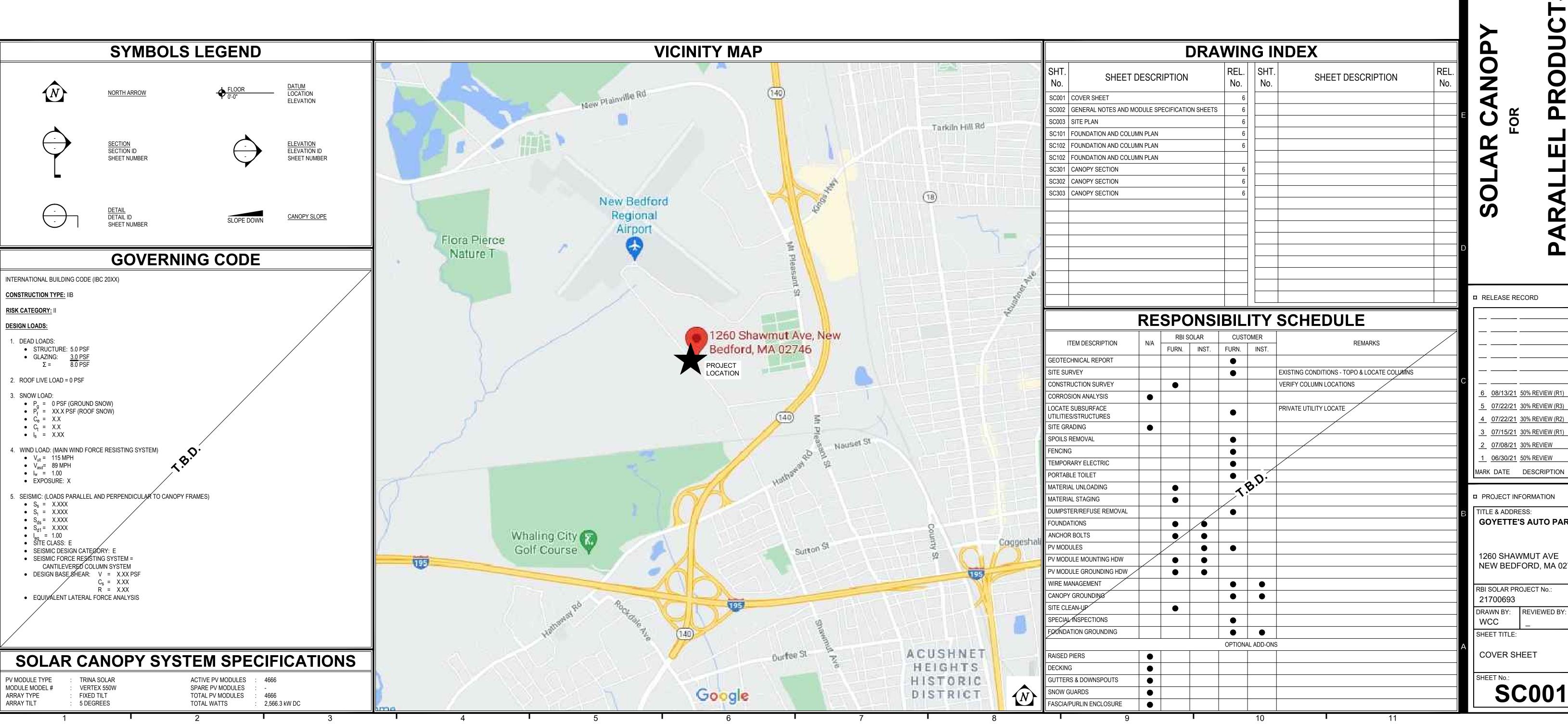
# SOLAR CANOPY

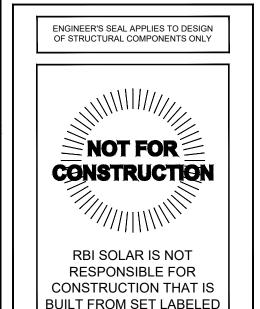
## PARALLEL PRODUCTS

**GOYETTE'S AUTO PARTS** 1260 SHAWMUT AVE NEW BEDFORD, MA 02746





PROFESSIONAL SEAL



6 08/13/21 50% REVIEW (R1) 5 07/22/21 30% REVIEW (R3) 4 07/22/21 30% REVIEW (R2) 3 07/15/21 30% REVIEW (R1) 2 07/08/21 30% REVIEW 1 06/30/21 50% REVIEW

**GOYETTE'S AUTO PARTS** 1260 SHAWMUT AVE NEW BEDFORD, MA 02746

DRAWN BY: REVIEWED BY:

**SC001** 

## **GENERAL NOTES**

## ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE CONSTRUCTION CODE AND THE

- ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY CONTRACTOR.
- CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. ANY UNEXPECTED CONDITIONS OR DISCREPANCIES WITH THE DESIGN DOCUMENTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO INSTALLATION OR ERECTION OF MATERIALS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK.
- NO PERSONNEL SHALL STEP OR STAND ON PV MODULES (SOLAR PANELS) AT ANY TIME. CANOPY STRUCTURE AND PV MODULES ARE NOT DESIGNED FOR LIVE LOADS AND MAY VOID WARRANTY.

## **MISCELLANEOUS**

**CONSTRUCTION AND SAFETY:** 

PROJECT SPECIFICATIONS.

- THIS SUBMITTAL/CONSTRUCTION SET WAS PRODUCED FROM DOCUMENTS RECEIVED FROM CUSTOMER ON X/X/X. RBI SOLAR IS NOT RESPONSIBLE FOR DISCREPANCIES FROM ACTUAL FIELD DIMENSIONS.
- THIS RBI SOLAR CONSTRUCTION SET IS DESIGNED FROM PV MODULE DATA SHEET(S) PROVIDED BY THE CUSTOMER. CUSTOMER IS RESPONSIBLE FOR VERIFYING THAT THE PV MODULE(S) DELIVERED TO SITE MATCH DATA SHEET(S) PROVIDED TO RBI SOLAR. RBI SOLAR IS NOT RESPONSIBLE FOR PV MODULE DIMENSIONAL DISCREPANCIES DUE TO FURNISHED PV MODULES NOT MATCHING CUSTOMER FURNISHED PV MODULE DATA

#### **SPECIAL FIELD INSPECTIONS:**

SPECIAL INSPECTION NOT REQUIRED BY RBI SOLAR. AS REQUIRED BY OWNER/CUSTOMER AND/OR AUTHORITY HAVING JURISDICTION, MINIMUM INSPECTION SHALL INCLUDE THE FOLLOWING NOTES AND TABLE:

- ALL SPECIAL INSPECTORS SHALL BE RETAINED BY OWNER/CUSTOMER. THE EXTENT OF THE INSPECTION SHALL COMPLY WITH THE CONTRACT DOCUMENTS, THE BUILDING CODE REQUIREMENTS, AND LOCAL JURISDICTION. IT IS THE OWNER'S/CUSTOMER'S RESPONSIBILITY TO GIVE PROPER NOTIFICATION TO THE SPECIAL INSPECTOR AND PROCEED WITH THE WORK ONLY AFTER THE SPECIAL INSPECTOR'S APPROVAL.
- FAILURE TO NOTIFY THE SPECIAL INSPECTOR MAY RESULT IN OWNER/CUSTOMER HAVING TO REMOVE WORK FOR THE PURPOSE OF INSPECTION AT THE OWNER'S/CUSTOMER'S EXPENSE.
- PREMATURE NOTIFICATION FOR INSPECTION WILL RESULT IN AN ADDITIONAL INSPECTION WITH ALL EXPENSES AND FEES PAID BY THE OWNER/CUSTOMER.
- SPECIAL INSPECTORS SHALL KEEP RECORDS OF ALL INSPECTIONS. RECORDS SHALL BE FURNISHED TO THE OWNER, ENGINEER OF RECORD, AND LOCAL JURISDICTION AS REQUIRED. ANY AND ALL DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR. CORRECTIONS SHALL BE MADE AND A FINAL REPORT OF INSPECTIONS SHALL BE PROVIDED NOTING COMPLETION OF INSPECTIONS AND CORRECTIONS OF DISCREPANCIES. FAILURE TO CORRECT DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD AND THE LOCAL JURISDICTION AND MAY RESULT IN REMOVAL OF COMPLETED WORK AND ADDITIONAL WORK TO CORRECT DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.

IBC TABLE 1705		
STRUCTURAL STEEL/ALUMINUM FABRICATION	CONTINUOUS	PERIODIC
MATERIAL IDENTIFICATION		Х
HIGH STRENGTH BOLTS - MATERIAL IDENTIFICATION OF BOLTS, NUTS AND WASHERS		Х
WELD FILLER MATERIALS - IDENTIFICATION AND CONFIRMATION OF COMPLIANCE WITH DESIGN DOCUMENTS		Х
STRUCTURAL STEEL/ALUMINUM ERECTION		
MATERIAL IDENTIFICATION		Χ
INSTALLATION OF HIGH STRENGTH BOLTS		Х
WELDED CONNECTIONS		Х
MEMBER SIZES AND PLACEMENT		Х
GENERAL CONFORMANCE WITH DESIGN DOCUMENTS		Х
CONCRETE CONSTRUCTION		
MATERIAL IDENTIFICATION		Χ
MIX DESIGN VERIFICATION		Х
SIZE AND PLACEMENT OF REINFORCING STEEL		Х
PLACEMENT OF CONCRETE USING PROPER TECHNIQUES		Х
CONCRETE SAMPLES FOR SLUMP, AIR CONTENT, TEMPERATURE, STRENGTH TESTS, ETC. IN ACCORDANCE WITH ACI 318		Х
PROPER MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		Х
FOUNDATIONS		
SIZE AND LOCATION OF FOUNDATION EXCAVATIONS		Х
PLACEMENT OF REINFORCING STEEL AS REQUIRED		Х

### STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST VERSION OF AISC "MANUAL OF STEEL CONSTRUCTION." LIGHT GAGE COLD-FORMED SECTIONS SHALL CONFORM TO LATEST VERSION OF AISI SPECIFICATIONS FOR COLD-FORMED STEEL STRUCTURAL MEMBERS.

### MATERIALS:

ROLLED SHAPES: ASTM A992 OR A572 GRADE 50,  $F_Y = 50$  KSI MINIMUM PLATES: ASTM A529 GRADE 50

TUBULAR SHAPES: ASTM A500 GRADE C,  $F_Y = 50$  KSI MINIMUM SAE J429 GRADE 5 AND/OR ASTM F3125 GRADE A325 FIELD BOLTS (TYP. U.N.O): SCREWS: #12 TEKS - GALVANIZED

COLD-FORMED/LIGHT GAGE ASTM A653

ASTM A193 B7 OR ASTM F1554 GRADE 105 ANCHOR RODS STAINLESS STEEL TYPE 304 MINIMUM

- TEK SCREWS ARE TO BE INSTALLED USING A 2500 RPM MAX. NON-IMPACTING VARIABLE SPEED DRILL WITH CLUTCH
- FIELD CONNECTIONS SHALL BE BOLTED EXCEPT WHERE WELDED CONNECTIONS ARE INDICATED ON THE STRUCTURAL DRAWINGS. ALL BOLTED CONNECTIONS SHALL BE INSTALLED TO THE "SNUG TIGHT" CONDITION DEFINED AS THE FULL EFFORT OF A MAN USING A NORMAL SPUD WRENCH OR A FEW IMPACTS OF AN IMPACT WRENCH. THE "SNUG TIGHT" CONDITION WILL ENSURE THE PLIES OF CONNECTED MATERIAL ARE IN FIRM
- ALL PV MODULE MOUNTING HARDWARE SHALL BE INSTALLED AND TORQUED PER PV MODULE MANUFACTURER'S RECOMMENDATIONS. CONNECTIONS USING WEEB BONDING WASHERS SHALL BE PER RBI INSTALLATION MANUAL -MINIMUM OF 12 FT-LBS FOR 5/16" MOUNTING HARDWARE AND 6 FT-LBS FOR 1/4" MOUNTING HARDWARE.
- ALL WELDING OF STEEL SHALL BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE AMERICAN WELD SOCIETY'S SPECIFICATIONS - AWS D1.1. ELECTRODES SHALL BE E70 SERIES UNLESS NOTED OTHERWISE.
- 7. GALVANIZING SPECIFICATIONS GALVANIZING SHALL BE PER CONTRACT DOCUMENTS
  - A. HOT-DIPPED GALVANIZING SHALL BE PER ASTM A123.
  - B. PRE-GALVANIZED MATERIALS SHALL COMPLY WITH ASTM A653 G90 MINIMUM. C. ALL STRUCTURAL HARDWARE (NOT PV MODULE MOUNTING HARDWARE) SHALL BE GALVANIZED..

## MISCELLANEOUS FASTENERS:

- ALL BOLTS SHALL BE THE TYPE AND SIZE INDICATED ON DRAWINGS.
- ALL HARDWARE USED FOR MOUNTING PV MODULES SHALL BE STAINLESS STEEL UNLESS NOTED OTHERWISE.

#### **WORK BY OTHERS:**

- ALL SHADING ANALYSIS AND/OR PRODUCTION ANALYSIS SHALL BE PERFORMED AND VERIFIED BY OTHERS. RBI SOLAR IS NOT RESPONSIBLE FOR PV SYSTEM DESIGN AS IT PERTAINS TO ELECTRICAL OR PV SYSTEM PRODUCTION.
- 2. ITEMS AS DESIGNATED IN RESPONSIBILITY SCHEDULE ON SHEET SC001.

#### FOUNDATIONS/CONCRETE:

- THE FOUNDATION DESIGN IS BASED ON GEOTECHNICAL REPORT PREPARED BY: X DATED:X (REPORT # X). BEARING CAPACITY OF SOIL AT PIER TIP: XXXX psf
- ALLOWABLE LATERAL BEARING PRESSURE MAY BE DOUBLED DUE TO THE STRUCTURES NOT BEING ADVERSELY AFFECTED BY 1/2" MOTION AT THE GROUND SURFACE DUE TO SHORT-TERM LATERAL LOADS PER 2013 CBC
- ALLOWABLE LATERAL BEARING PRESSURE MAY BE CONSIDERED TO ACT OVER AN AREA EQUAL TO TWO TIMES THE PIER DIAMETER DUE TO LARGE PIER SPACING. IF THIS IS ALLOWED, THE ALLOWABLE LATERAL BEARING PRESSURE MAY BE DOUBLED, ACTING OVER THE ACTUAL PIER DIAMETER.
- 4. FOR VERTICAL LOADING, THE FOUNDATION DEPTHS SHOWN IN THE SCHEDULES ARE DESIGNED BASED ON EITHER END BEARING OR SKIN FRICTION, WHERE SKIN FRICTION HAS BEEN BASED ON 2013 CBC 1810A.3.3.1.4 (i.e., SKIN FRICTION BASED ON 1/6 THE VALUE OF END BEARING, AND END BEARING AND SKIN FRICTION NOT BEING
- VARIATIONS IN SOIL CONDITIONS SHALL BE REPORTED TO GEOTECHNICAL ENGINEER AND ENGINEER OF RECORD RESPONSIBLE FOR FOUNDATION DESIGN PRIOR TO INSTALLATION OF ANY FOUNDATION MATERIALS.
- INSTALLER/CONTRACTOR SHALL COORDINATE PLACEMENT OF FOUNDATIONS AND/OR ANCHOR BOLTS PER DESIGN DRAWINGS AND/OR MANUFACTURER'S SPECIFICATIONS.
- RBI SOLAR, INC. DESIGNS FOUNDATIONS BASED ON SOIL PROPERTIES OUTLINED IN CERTIFIED GEOTECHNICAL REPORTS. ALL DESIGNS ASSUME UNDISTURBED SOIL CONDITIONS, AND DO NOT TAKE INTO ACCOUNT TRENCHING NEAR FOUNDATIONS. FOR CASES WHERE TRENCHING FOR ELECTRICAL WORK IS AT OR NEAR A FOUNDATION, RBI SOLAR RECOMMENDS A MINIMUM OF 3'-0" CLEAR FROM THE EDGE OF THE TRENCH TO THE EDGE OF THE FOUNDATION FOR "NORMAL GOOD SOIL CONDITIONS." IN CASES OF "POOR SOIL" CONDITIONS, RBI SOLAR RECOMMENDS A MINIMUM CLEAR DISTANCE EQUAL TO OR GREATER THAN THE DEPTH OF THE FOUNDATION. IF IN DOUBT OF SOIL CONDITIONS, RBI SOLAR RECOMMENDS CONSULTING A QUALIFIED GEOTECHNICAL ENGINEER TO ASSESS SOIL CONDITIONS AT THE SITE.

NOTE: TRENCHING/EXCAVATION WITHIN 3'-0" OF ANY FOUNDATION REQUIRES REPLACING THE ORIGINAL SOIL AND COMPACTION TO 95% STANDARD PROCTOR DENSITY. FOR FURTHER CLARIFICATION ON COMPACTION REQUIREMENTS, RBI SOLAR RECOMMENDS CONSULTING A QUALIFIED GEOTECHNICAL ENGINEER.

- ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST VERSION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
- CONCRETE MIX DESIGNS MUST HAVE ENGINEER OF RECORD APPROVAL PRIOR TO COMMENCEMENT OF ANY CONCRETE WORK.
- 10. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 BILLET STEEL
- MINIMUM CONCRETE COVER TO REINFORCING STEEL SHALL BE AS FOLLOWS: CONCRETE CAST AGAINST EARTH = 3.0".
- 12. CONCRETE STRENGTH: 4000 PSI AT 28 DAYS MINIMUM (WITH +/-4" SLUMP)
- 13. REINFORCEMENT DETAILS PER ACI 318 AND IBC.
- 14. BASE PLATE GROUT: NON-SHRINK, MINIMUM 8000 PSI STRENGTH.
- 15. NOMINAL AGGREGATE SIZE: 3/4".
- ALTERING OR SUBSTITUTING OF REINFORCEMENT MUST HAVE ENGINEER OF RECORD APPROVAL.
- 17. PLACEMENT OF CONDUIT MUST HAVE ENGINEER OF RECORD APPROVAL.

## PV MODULE SPECIFICATION SHEETS

**BIFACIAL DUAL GLASS MONOCRYSTALLINE MODULE** 

550W+

**Comprehensive Products and System Certificates** 

IEC61215/IEC61730/IEC61701/IEC62716/UL61730

ISO 14001: Environmental Management System

ISO 9001: Quality Management System

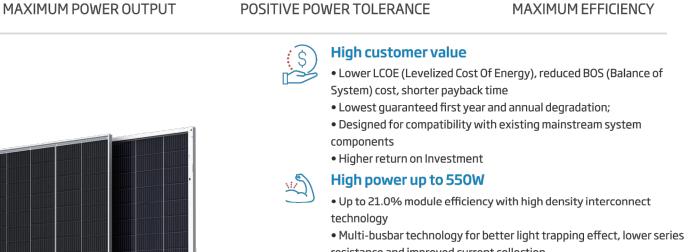
ISO14064: Greenhouse Gases Emissions Verification ISO45001: Occupational Health and Safety Management System

21.0%

Mono Multi Solutions

PRODUCT: TSM-DEG19C.20

PRODUCT RANGE: 525-550W



resistance and improved current collection High reliability • Minimized micro-cracks with innovative non-destructive cutting • Ensured PID resistance through cell process and module material • Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity areas

performance, validated by 3rd party certifications

negative load High energy yield • Excellent IAM (Incident Angle Modifier) and low irradiation

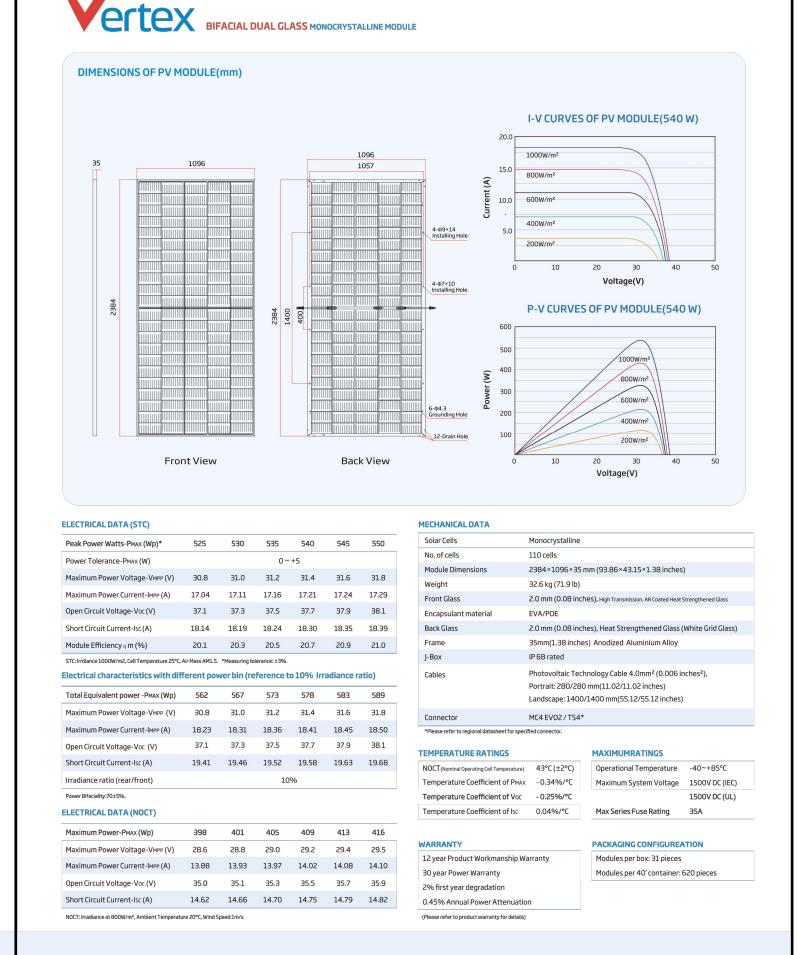
• The unique design provides optimized energy production under inter-row shading conditions • Lower temperature coefficient (-0.34%) and operating temperature • Up to 25% additional power gain from back side depending on albedo

• Mechanical performance up to 5400 Pa positive load and 2400 Pa

Trina Solar's Vertex Bifacial Dual Glass Performance Warranty

Years 5 10 15 20 25 30

**Trina**solar



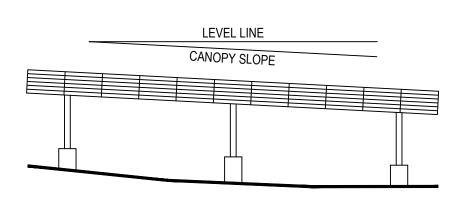
CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

Version number: TSM\_EN\_2020\_A

ITEM DESCRIPTION	N/A	HDG	POWDER COAT	PAINT	PREGALV	STAINLESS STEEL	ALUMINUM	PVC	REMARKS
COLUMN ASSEMBLIES		•							
TOP BEAM/TRUSS ASSEMBLIES		•							
KNEE BRACE & BRACKETS	•								
PURLIN BRACKETS		•							
PURLINS					•				
DECKING	•								
GUTTERS	•								
DOWNSPOUTS	•								
FASCIA/PURLIN ENCLOSURE	•								
SNOW GUARDS	•								
RAILS	•								
ANGLE BRACING					•				
STRUCTURAL HARDWARE		•							
MODULE HARDWARE & CLIPS						•	•		
	1								TIONOLUD

**FINISH SCHEDULE** 

## CANOPY TOPOGRAPHIC RELATIONSHIP



- 1. CANOPY STRUCTURE IS PARALLEL TO AVERAGE SITE GRADE
- 3. COLUMN LENGTHS MAY VARY
- 2. CANOPY SLOPE MAY VARY PER STRUCTURE
- 4. TOPS OF PIERS MAY VARY

Total Solar Service: Design \* Fabrication Installation \* Parts \* Repair Service 5513 VINE STREET CINCINNATI, OH 45217 513.242.2051 FAX: 513.242.0816

PROFESSIONAL SEAL

ENGINEER'S SEAL APPLIES TO DESIGN OF STRUCTURAL COMPONENTS ONLY NOT FOR = CONSTRUCTION

**RBI SOLAR IS NOT** RESPONSIBLE FOR CONSTRUCTION THAT IS **BUILT FROM SET LABELED** "NOT FOR CONSTRUCTION"

□ RELEASE RECORD

S

6 08/13/21 50% REVIEW (R1)

5 07/22/21 30% REVIEW (R3) 4 07/22/21 30% REVIEW (R2) 3 <u>07/15/21</u> <u>30%</u> REVIEW (R1)

2 07/08/21 30% REVIEW 1 06/30/21 50% REVIEW

MARK DATE DESCRIPTION

PROJECT INFORMATION

TITLE & ADDRESS: **GOYETTE'S AUTO PARTS** 

1260 SHAWMUT AVE NEW BEDFORD, MA 02746

RBI SOLAR PROJECT No .: 21700693 DRAWN BY: REVIEWED BY:

> **GENERAL NOTES** AND MODULE **SPECIFICATION SHEETS**



Total Solar Service: Design \* Fabrication Installation \* Parts \* Repair Service

1260 SHAWMUT AVE NEW BEDFORD, MA 02746

**SC003** 

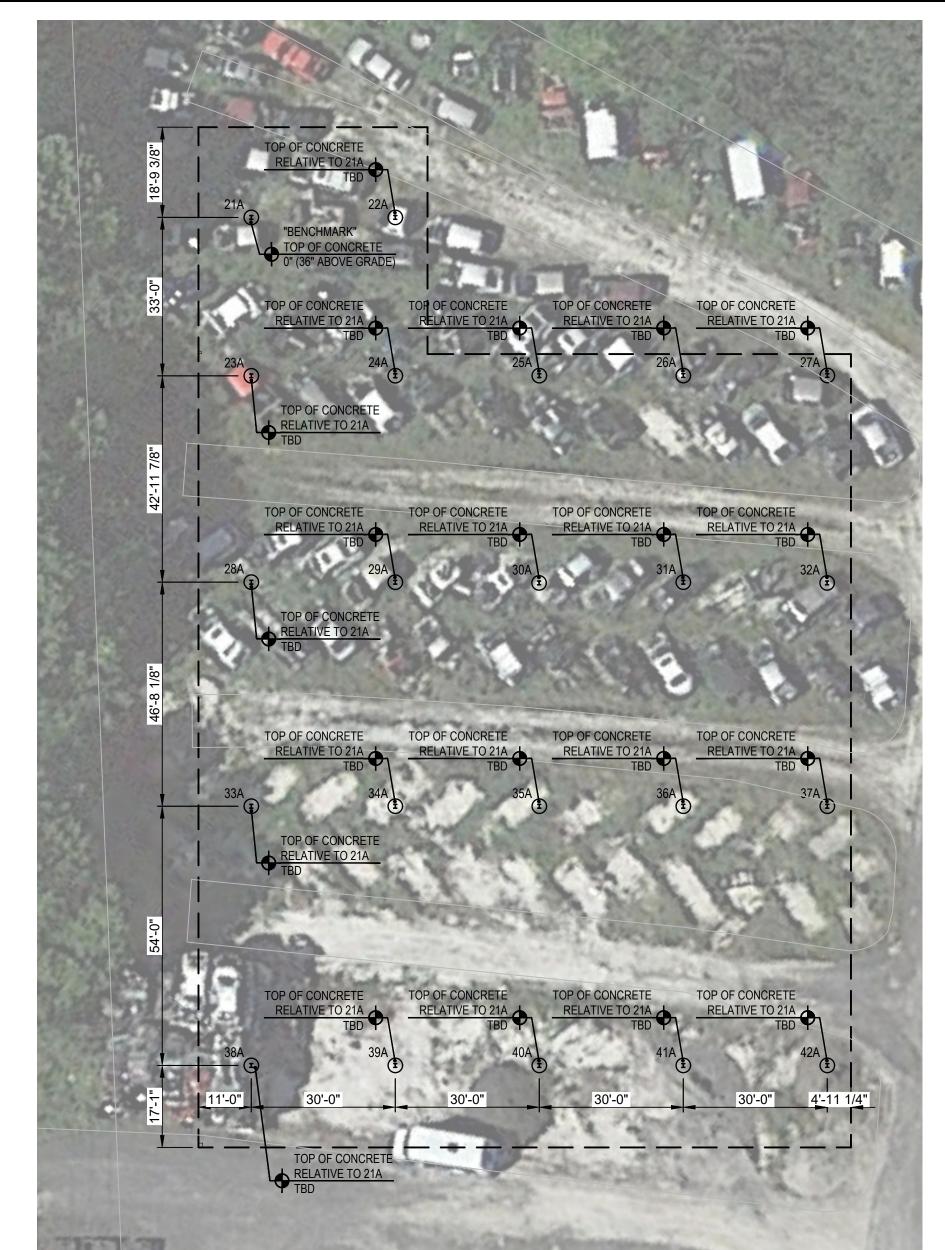


	COLUMN SCHEDULE					
		MARK	FNDN. TYPE	DESCRIPTION	LENGTH	LEVELING NUT
		1	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
		2	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
		3	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
		4	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
		5	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
		6	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
		7	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
		8	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
COLUMN SETTING NOTES:	-	9	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
1. ALL COLUMN DIMENSIONS SHOWN ARE & TO & OF COLUMN.	Д	10	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
2. LOCATION OF UNDERGROUND UTILITIES SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION.	CANOPY	11	А	W18 x 35 COLUMN	T.B.D.	T.B.D.
3. DIMENSIONS SHOWN ON PLAN SHALL BE VERIFIED IN THE FIELD.		12	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
4. LAYOUT IS SUBJECT TO CHANGE PER REQUEST AND/OR EXISTING CONDITIONS IN THE FIELD. 5. REFERENCE SHEET SC401 FOR ADDITIONAL FOUNDATION INFORMATION.		13	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
6. "LENGTH" REFERS TO THE CUT LENGTH OF THE COLUMN ON ITS LONGEST FACE.		14	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
PIER NOTES:		15	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
1. 0" ELEVATION AT THE BENCHMARK PIER IS FOR REFERENCE ONLY AND IS NOT RELATED TO		16	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
SEA LEVEL.  2. TOP OF CONCRETE ELEVATION OF PIER IS IN RELATION TO CORRESPONDING BENCHMARK		17	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
PIER.		18	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
3. REFER TO SHEET SC401 FOR FOUNDATION & LEVELING NUT DETAILS. 4. REFER TO SHEET SC401 FOR LEVELING NUT ADJUSTMENT DETAIL.		19	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.
4. NEPER TO SHEET SO4UT FOR LEVELING NUT ADJUSTIVIENT DETAIL.		20	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.

Total Solar Service: Design \* Fabrication Installation \* Parts \* Repair Service 5513 VINE STREET CINCINNATI, OH 45217 513.242.2051 FAX: 513.242.0816 □ PROFESSIONAL SEAL ENGINEER'S SEAL APPLIES TO DESIGN NOT FOR CONSTRUCTION

> RBI SOLAR IS NOT RESPONSIBLE FOR CONSTRUCTION THAT IS BUILT FROM SET LABELED "NOT FOR CONSTRUCTION"

F1 Canopy 1
SCALE: 1" = 20'-0" Foundation & Column Plan



COLUMN SCHEDULE								
MARK	FNDN.	DESCRIPTION	LENGTH	LEVELING NUT				
21	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
22	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
23	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
24	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
25	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
26	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
27	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
28	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
29	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
30	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
31	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
32	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
33	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
34	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
35	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
36	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
37	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
38	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
39	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
40	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
41	А	STEEL WF COLUMN	T.B.D.	T.B.D.				
42	А	STEEL WF COLUMN	T.B.D.	T.B.D.				

COLUMN SETTING NOTES:

3. DIMENSIONS SHOWN ON PLAN SHALL BE VERIFIED IN THE FIELD.

4. LAYOUT IS SUBJECT TO CHANGE PER REQUEST AND/OR EXISTING CONDITIONS IN THE FIELD. 5. REFERENCE SHEET SC401 FOR ADDITIONAL FOUNDATION INFORMATION.

1. 0" ELEVATION AT THE BENCHMARK PIER IS FOR REFERENCE ONLY AND IS NOT RELATED TO

2. TOP OF CONCRETE ELEVATION OF PIER IS IN RELATION TO CORRESPONDING BENCHMARK

3. REFER TO SHEET SC401 FOR FOUNDATION & LEVELING NUT DETAILS. 4. REFER TO SHEET SC401 FOR LEVELING NUT ADJUSTMENT DETAIL.

_		
_		
-		
—		
_		
6	08/13/21	50% REVIEV
<u>5</u>	07/22/21	30% REVIEV
4	07/22/21	30% REVIEV
1	06/30/21	50% REVIEV

RELEASE RECORD

□ PROJECT INFORMATION

MARK DATE DESCRIPTION

TITLE & ADDRESS:

**GOYETTE'S AUTO PARTS** 

RBI SOLAR PROJECT No.:

FOUNDATION AND COLUMN PLAN

A1 Canopy 2

SCALE: 1" = 20'-0" Foundation & Column Plan

1. ALL COLUMN DIMENSIONS SHOWN ARE & TO & OF COLUMN. 2. LOCATION OF UNDERGROUND UTILITIES SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF

6. "LENGTH" REFERS TO THE CUT LENGTH OF THE COLUMN ON ITS LONGEST FACE.

1260 SHAWMUT AVE NEW BEDFORD, MA 02746

DRAWN BY: REVIEWED BY:



### COLLIMN SCHEDLILE

	MARK	FNDN. TYPE	DESCRIPTION	LENGTH	LEVELING NUT	
	43	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	44	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	45	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	46	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	47	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	48	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	49	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	50	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	51	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	52	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
İ	53	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	54	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
PY 3	55	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
CANOPY	56	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
O	57	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	58	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	59	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	60	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	61	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	62	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	63	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	64	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	65	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
ŀ	66	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	67	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	
	68	Α	W18 x 35 COLUMN	T.B.D.	T.B.D.	

1. ALL COLUMN DIMENSIONS SHOWN ARE & TO & OF COLUMN.

2. LOCATION OF UNDERGROUND UTILITIES SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION.

3. DIMENSIONS SHOWN ON PLAN SHALL BE VERIFIED IN THE FIELD.

4. LAYOUT IS SUBJECT TO CHANGE PER REQUEST AND/OR EXISTING CONDITIONS IN THE FIELD.

5. REFERENCE SHEET SC401 FOR ADDITIONAL FOUNDATION INFORMATION. 6. "LENGTH" REFERS TO THE CUT LENGTH OF THE COLUMN ON ITS LONGEST FACE.

1. 0" ELEVATION AT THE BENCHMARK PIER IS FOR REFERENCE ONLY AND IS NOT RELATED TO SEA LEVEL.

2. TOP OF CONCRETE ELEVATION OF PIER IS IN RELATION TO CORRESPONDING BENCHMARK

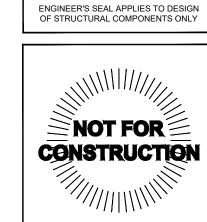
3. REFER TO SHEET SC401 FOR FOUNDATION & LEVELING NUT DETAILS. 4. REFER TO SHEET SC401 FOR LEVELING NUT ADJUSTMENT DETAIL.

Total Solar Service: Design \* Fabrication Installation \* Parts \* Repair Service

> CINCINNATI, OH 45217 513.242.2051 FAX: 513.242.0816

5513 VINE STREET

PROFESSIONAL SEAL



RBI SOLAR IS NOT RESPONSIBLE FOR CONSTRUCTION THAT IS BUILT FROM SET LABELED "NOT FOR CONSTRUCTION"

RELEASE RECORD									
_									
_									
_									
_									
<u>6</u>	08/13/21	50% REVIEW (R1)							
_5_	07/22/21	30% REVIEW (R3)							
4	07/22/21	30% REVIEW (R2)							
1	06/30/21	50% REVIEW							

□ PROJECT INFORMATION

TITLE & ADDRESS: GOYETTE'S AUTO PARTS

MARK DATE DESCRIPTION

1260 SHAWMUT AVE

NEW BEDFORD, MA 02746 RBI SOLAR PROJECT No.:

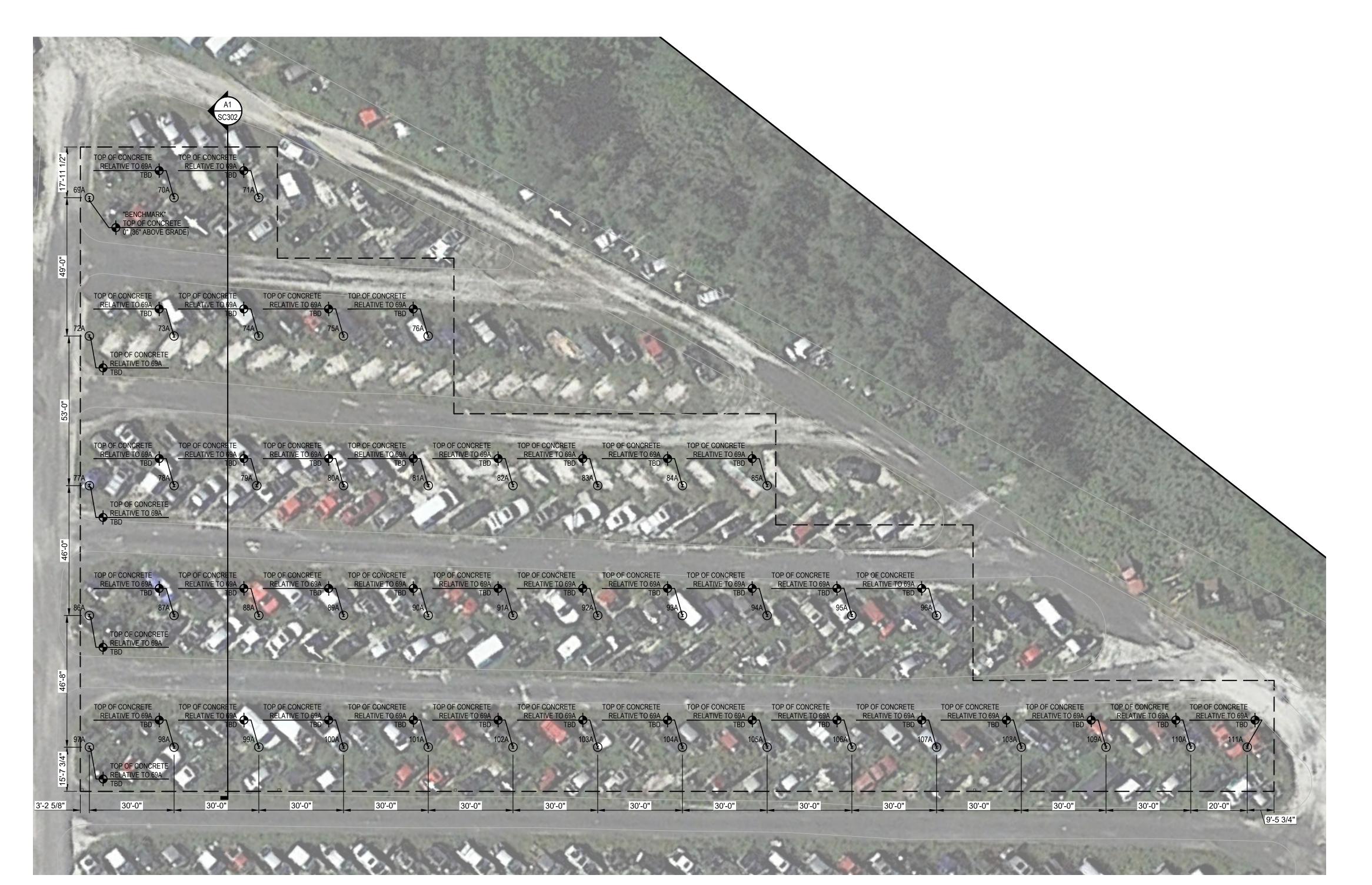
21700693 DRAWN BY: REVIEWED BY:

FOUNDATION AND COLUMN PLAN

SC102

A1 Canopy 3

SCALE: 1" = 20'-0" Foundation & Column Plan



COLUMN	SCHEDU
--------	--------

	MARK	FNDN. TYPE	DESCRIPTION	LENGTH	LEVELIN NUT
	69	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	70	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	71	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	72	А	STEEL WF COLUMN	T.B.D.	T.B.D.
	73	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	74	А	STEEL WF COLUMN	T.B.D.	T.B.D.
	75	A	STEEL WF COLUMN	T.B.D.	T.B.D.
	76	А	STEEL WF COLUMN	T.B.D.	T.B.D.
	77	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	78	А	STEEL WF COLUMN	T.B.D.	T.B.D.
	79	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	80	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	81	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	82	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	83	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	84	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	85	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	86	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	87	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	88	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
Υ4	89	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
CANOPY 4	90	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
S	91	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	92	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	93	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	94	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	95	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	96	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	97	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	98	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	99	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	100	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	101	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	102	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	103	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	104	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	105	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	106	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	107	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	108	А	STEEL WF COLUMN	T.B.D.	T.B.D.
	109	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
	110	Α	STEEL WF COLUMN	T.B.D.	T.B.D.
f	111	Α	STEEL WF COLUMN	T.B.D.	T.B.D.

1. ALL COLUMN DIMENSIONS SHOWN ARE € TO € OF COLUMN.
2. LOCATION OF UNDERGROUND UTILITIES SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF

5. REFERENCE SHEET SC401 FOR ADDITIONAL FOUNDATION INFORMATION.
6. "LENGTH" REFERS TO THE CUT LENGTH OF THE COLUMN ON ITS LONGEST FACE.

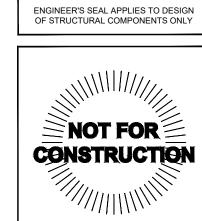
2. TOP OF CONCRETE ELEVATION OF PIER IS IN RELATION TO CORRESPONDING BENCHMARK

3. REFER TO SHEET SC401 FOR FOUNDATION & LEVELING NUT DETAILS. 4. REFER TO SHEET SC401 FOR LEVELING NUT ADJUSTMENT DETAIL.

**RBI SOLAR** Total Solar Service: Design \* Fabrication Installation \* Parts \* Repair Service

> CINCINNATI, OH 45217 513.242.2051 FAX: 513.242.0816

□ PROFESSIONAL SEAL



RBI SOLAR IS NOT RESPONSIBLE FOR CONSTRUCTION THAT IS BUILT FROM SET LABELED "NOT FOR CONSTRUCTION"

> RODUC AR

□ RELEASE RECORD 6 08/13/21 50% REVIEW (R1) 5 07/22/21 30% REVIEW (R3) 4 07/22/21 30% REVIEW (R2) 1 06/30/21 50% REVIEW

□ PROJECT INFORMATION

MARK DATE DESCRIPTION

TITLE & ADDRESS:

GOYETTE'S AUTO PARTS

1260 SHAWMUT AVE NEW BEDFORD, MA 02746

RBI SOLAR PROJECT No.:

DRAWN BY: REVIEWED BY:

FOUNDATION AND COLUMN PLAN

SC102

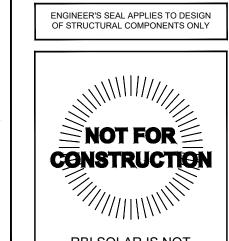
A1 Canopy 3

SCALE: 1" = 20'-0" Foundation & Column Plan

181'-0 7/16"± TOTAL ARRAY PROJECTED WIDTH 45'-4" 15'-9 7/16" PV MODULE BY OTHERS (TYP.) — STEEL PURLIN — STEEL BEAM STEEL COLUMN STEEL COLUMN STEEL COLUMN STEEL COLUMN CONCRETE FOUNDATION \_\_\_ EXISTING GRADE



PROFESSIONAL SEAL



RBI SOLAR IS NOT
RESPONSIBLE FOR
CONSTRUCTION THAT IS
BUILT FROM SET LABELED
"NOT FOR CONSTRUCTION"

□ RELEASE RECORD 6 08/13/21 50% REVIEW (R1) 1 06/30/21 50% REVIEW MARK DATE DESCRIPTION

AR

PROJECT INFORMATION

TITLE & ADDRESS: GOYETTE'S AUTO PARTS

1260 SHAWMUT AVE NEW BEDFORD, MA 02746

RBI SOLAR PROJECT No.: DRAWN BY: REVIEWED BY:

SHEET TITLE:

CANOPY SECTION

SHEET No.: SC301

A1 Canopy 2

SCALE: 1/8" = 1'-0" Section

