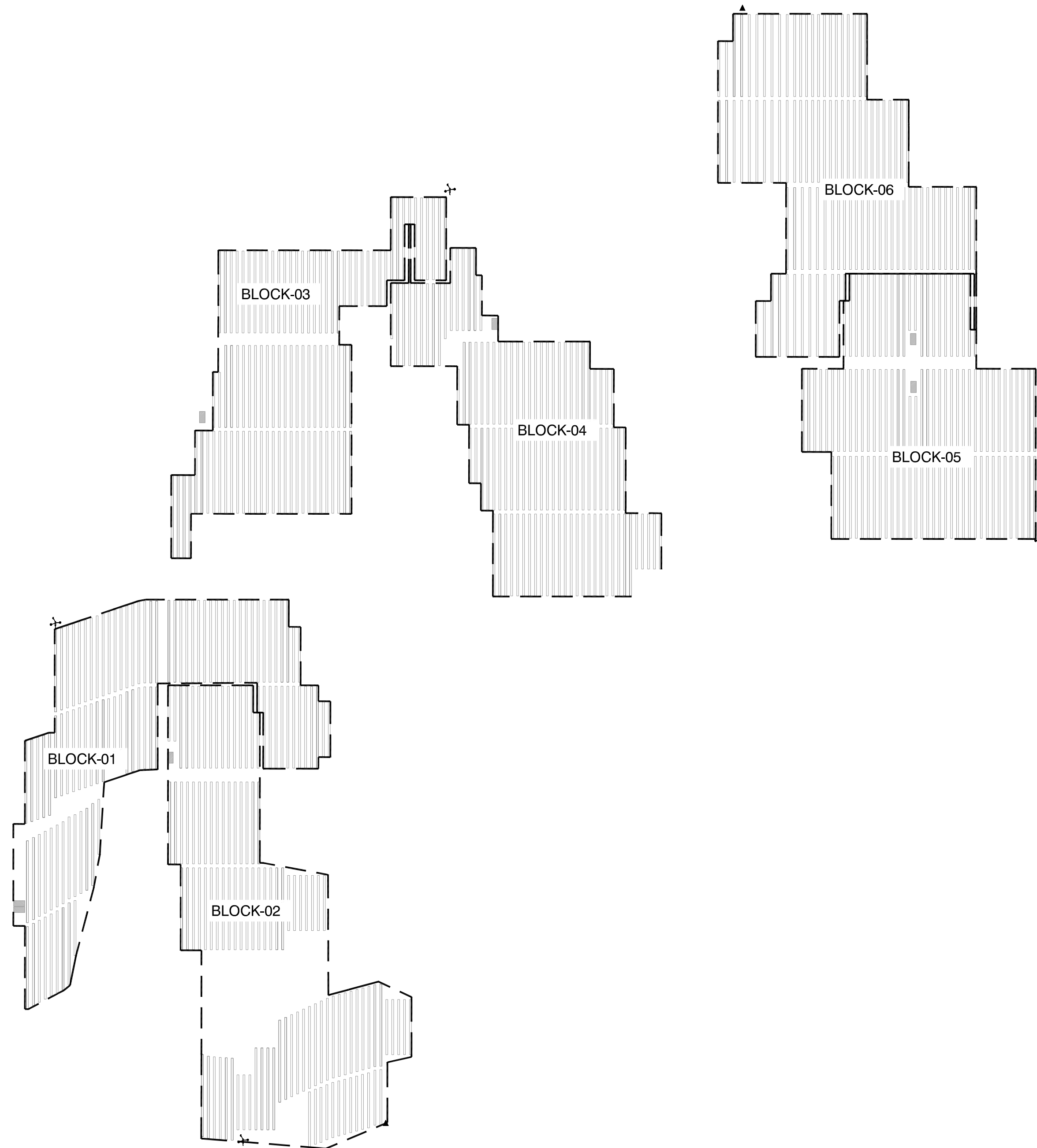


**510063 -CS ENERGY-NORTH STONINGTON
NEXTRACKER - NX 100**



SHEET INDEX		
SHEET NO.	DESCRIPTION	
S-001	TITLE SHEET	
SITE PLAN		
S-101	SITE PLAN	
S-102	CONSTRUCTION NOTES	
PIER PLAN & TORQUE TUBE PLAN		
S-201	S-301	BLOCK-1
S-202	S-302	BLOCK-2
S-203	S-303	BLOCK-3
S-204	S-304	BLOCK-4
S-205	S-305	BLOCK-5
S-206	S-306	BLOCK-6
MECHANICAL SET		
S-401	TYPICAL 81 MODULE TRACKER - EXT	
S-402	TYPICAL 81 MODULE TRACKER - EDGE	
S-403	TYPICAL 81 MODULE TRACKER - INT	
S-404	TYPICAL 54 MODULE TRACKER - EXT	
S-405	TYPICAL 54 MODULE TRACKER - EDGE	
S-501	PIER TOLERANCES	
S-601	BHA & DAMPER DETAILS	
S-701	WEATHER STATION DETAILS	
NCU PLAN		
S-901	NCU PLAN	

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A Flex Company
NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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**CS ENERGY
NORTH STONINGTON**

CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

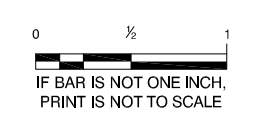
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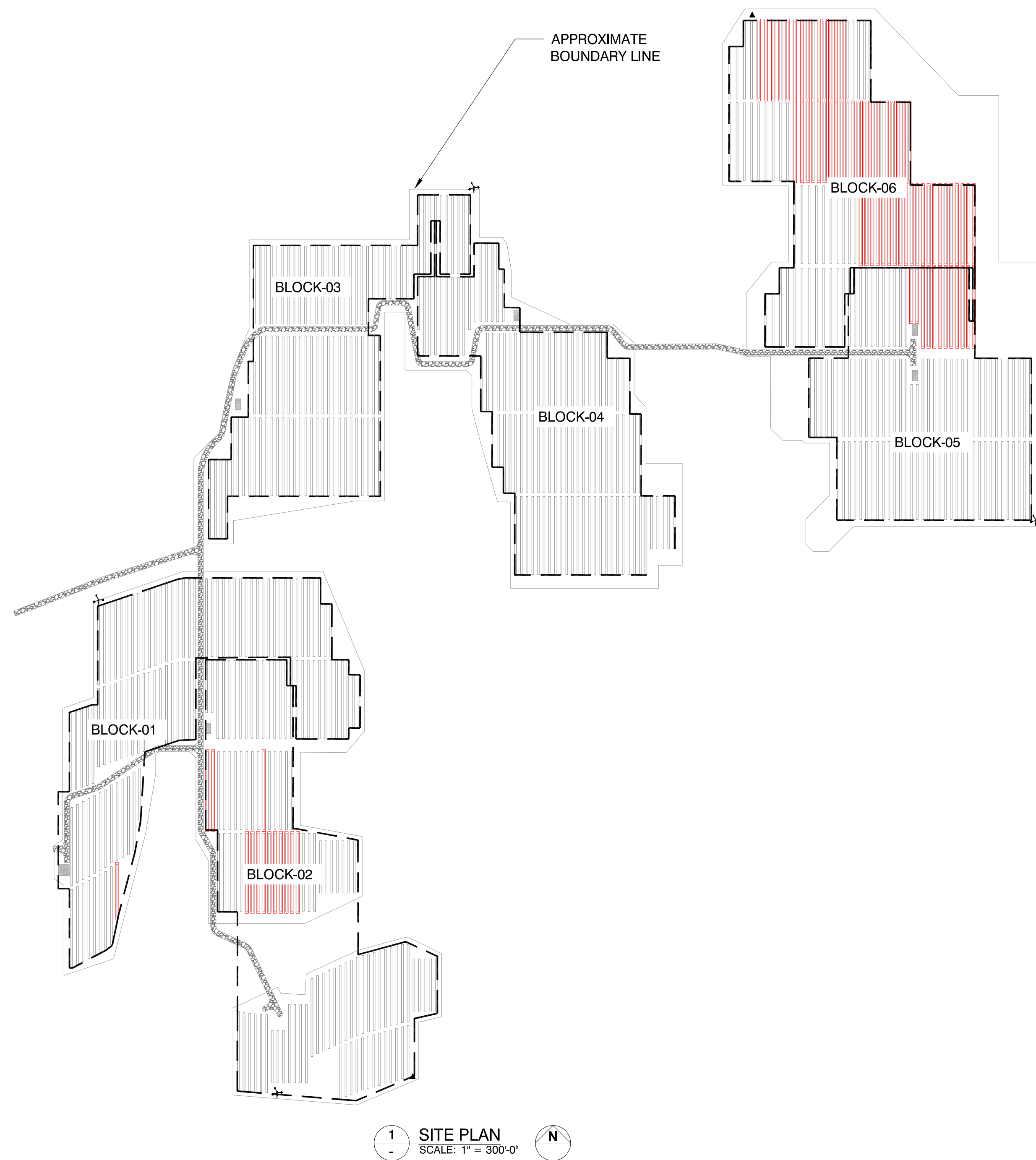
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TITLE SHEET

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1	LAYOUT UPDATED	05/18/2020	OL
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3			
4			
5			
6			
7			
8			

SITE DETAILS	
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4-9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

S-001



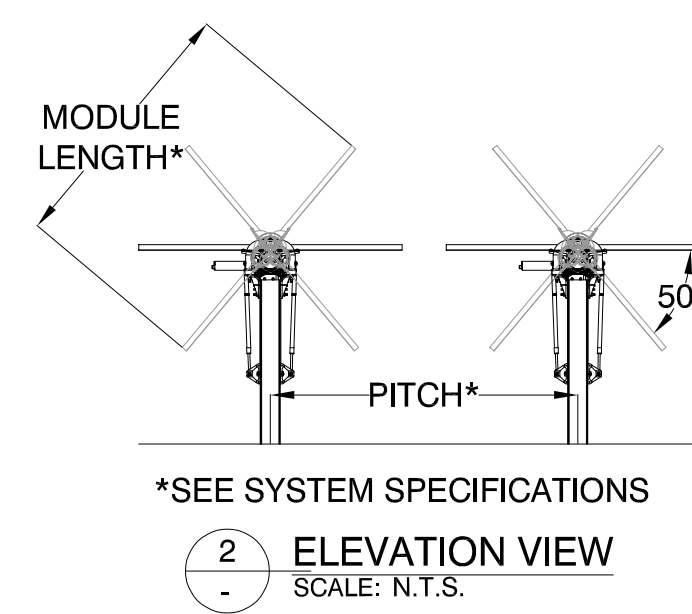


Bill of Materials

QTY	NAME	PART NO:
112	NX 100 81 module, 13 pier, Exterior Row	NXH - 2.4.9.4
10	NX 100 81 module, 13 pier, Exterior Row HIGH-SLOPE	
249	NX 100 81 module, 13 pier, Edge Row	NXH - 2.4.9.4
47	NX 100 81 module, 13 pier, Edge Row HIGH-SLOPE	
78	NX 100 81 module, 13 pier, Interior Row	NXH - 2.4.9.4
23	NX 100 81 module, 13 pier, Interior Row HIGH-SLOPE	
31	NX 100 54 module, 09 pier, Exterior Row	NXH - 2.4.9.4
1	NX 100 54 module, 09 pier, Exterior Row HIGH-SLOPE	
38	NX 100 54 module, 09 pier, Edge Row	NXH - 2.4.9.4
2	NX 100 54 module, 09 pier, Edge Row HIGH-SLOPE	
12	SPT Network Control Unit, 120VAC, 1 Phase	2.2.0.005
4	SPT Weather Station, Ultrasonic Wind Sensor (Mounting Kit Incl.)	2.2.0.001
2	SPT Weather Station, Ultrasonic Snow Sensor (Mounting Kit Incl.)	2.2.0.003
1	NX DATAHUB	20860
1412	Heavy Array Pier (HAP)	
4692	Standard Array Pier (SAP)	
308	Heavy Array Pier, Edge (HAPE)	
392	Standard Array Pier, Edge (SAPE)	
154	Heavy Motor Pier (HMP)	
443	Standard Motor Pier (SMP)	
437	SMP (Trackers)	
6	SMP (Weather Stations)	

SYSTEM SPECIFICATIONS

	45927	MODULES PER STRING	27
TOTAL MODULES	45927	NUMBER OF STRINGS	1701
DC	19,978 MW	MODULE MODEL	LR4-72HBD-435M
MODULE CAPACITY	435 W	MODULE NAME	LONGI SOLAR
MODULE(S) LENGTH	6.992 FT	MODULE TYPE	WIDE+
MODULE(S) WIDTH	3.452 FT	GROUND COVER RATIO (GCR-1)%	33.01
PITCH-1	21.184 FT	GROUND COVER RATIO (GCR-2)%	25.90
PITCH-2	26.991 FT		



NEXTRACKER DETAILS

TYPES	81 MOD	54 MOD
EXTERIOR	112	31
EXTERIOR-HS	10	1
INTERIOR	78	0
INTERIOR-HS	23	0
EPNS	31	22
EPNS-HS	3	0
EPN	105	4
EPN-HS	33	0
EPS	113	12
EPS-HS	11	2
TOTAL	519	72
GRAND TOTAL	591	

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CS ENERGY
NORTH STONINGTON
CT, NORTH AMERICA
US

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SHEET TITLE:
SITE PLAN

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DRAWN BY	AA
CHECKED BY	LEE

S-101

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IF DIM IS NOT ONE INCH, PRINT IS NOT TO SCALE

- NOTE:**
- MAXIMUM GALVANIZATION COATING OF G90 (OR EQUIVALENT)
 - MAXIMUM UNIFORM GROUND SLOPE OF 6.1% IN N-S DIRECTION, UP TO 15% APPROVAL FROM NEXTRACKER
 - FOR MAXIMUM GROUND UNDULATIONS TOLERANCE PLEASE REFER PDM-000031.
 - FLOOD DEPTHS ARE ASSUMED TO BE SIX INCHES OR LESS THROUGHOUT THE SITE AND PIERS SHOULD NOT FALL IN STREAM LINES. IN CASE POST LOCATION EXHIBITING SCOUR OVER 6", SOIL SURROUNDING THE POST SHALL BE RECOMPACTED TO ORIGINAL GROUND LEVEL COMPACTION AT 90% ASTM D1557, OPTIMUM MOISTURE CONTENT +4% OR AS ALTERNATE, POUR LEAN CONCRETE F'C=500 PSI UP TO GRADE TO FILL VOID CREATED BY SCOUR.
 - LIQUEFIABLE SOIL IS NOT ACCOUNTED IN THIS CONSTRUCTION SET.
 - TRACKER TO HAVE A MAXIMUM 5'-6" (1.68m) PIER HEIGHT.
 - IN CASE THE NATIVE SOIL IS DISTURBED OR FILLED IN ANY WAY, IT WILL NEED BE MOISTENED AND COMPACTED AS PER THE FOLLOWING NOTES, NO ADDITIONAL COMPACTION REQUIRED ON CUT SECTION OF NATIVE SOIL OR UNDISTURBED NATIVE SOIL UNLESS AN OBVIOUS SOFT SPOT IS DETECTED DURING INSTALLATION OF THE PILE (PILE DRIVEN IN IN LESS THAN 10 SECOND)
 - ENGINEERING FILL SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 8 INCHES IN THICKNESS AND SHALL BE PREPARED IN ACCORDANCE WITH PROJECT GEOTECHNICAL REPORT.
 - AREA DISTURBED DURING CLEARING/DEMOLITION AND AREA RECEIVING FILL IN THE SOLAR FIELD SHOULD BE MOISTENED TO OPTIMUM MOISTURE CONTENT AND COMPACT IN LIFTS NOT TO EXCEED 8" (20 CM) IN EACH LIFT.
 - FOR DISTURBED SOIL COMPACTION OF THE SOLAR FIELD FOR DRIVEN POST FOUNDATION SHALL BE IN CONFORMANCE OF THE GEOTECHNICAL REPORT RECOMMENDATIONS. IF COMPACTION LEVEL IS NOT SPECIFIED IN THE GEOTECH REPORT AND COMPACTION OF NATIVE SOIL IS NOT PRE-DETERMINED, SOLAR FIELD SHALL BE COMPACTED TO 90% ASTM D1557 MODIFIED PROCTOR MINIMUM.
 - TRACKER NOMENCLATURE ARE AS FOLLOWS:
EXT, INT, EPNS, EPN, EPS ARE EXTERIOR, INTERIOR, EXTERIOR PIER NORTH (AND) SOUTH, EXTERIOR PIER NORTH, AND EXTERIOR PIER SOUTH TRACKERS RESPECTIVELY.
 - NEXTRACKER MAKES NO REPRESENTATION OF SOIL CONDITIONS OR PILE DRIVABILITY CONDITIONS OUTSIDE OF THE SPECIFIC LOCATIONS TESTED IN THE GEOTECH REPORT AND PILE LOAD TEST OR PERFORMANCE OF DIFFERENT PILE DRIVING EQUIPMENT. CONSTRUCTION MEANS AND METHODS INCLUDING BUT NOT LIMITED PILE DRIVING EQUIPMENT SELECTION IS THE RESPONSIBILITY OF THE CUSTOMER. NEXTRACKER RECOGNIZES THAT VARYING RESULTS MAY BE REALIZED WITH VARYING, EQUIPMENT, OPERATORS VARIABLE SOIL.

GENERAL NOTES:

- CONSTRUCTION SET SHALL BE USED TOGETHER WITH PROJECT STRUCTURAL, CIVIL AND ELECTRICAL DRAWINGS.

STRUCTURAL STEEL NOTES:

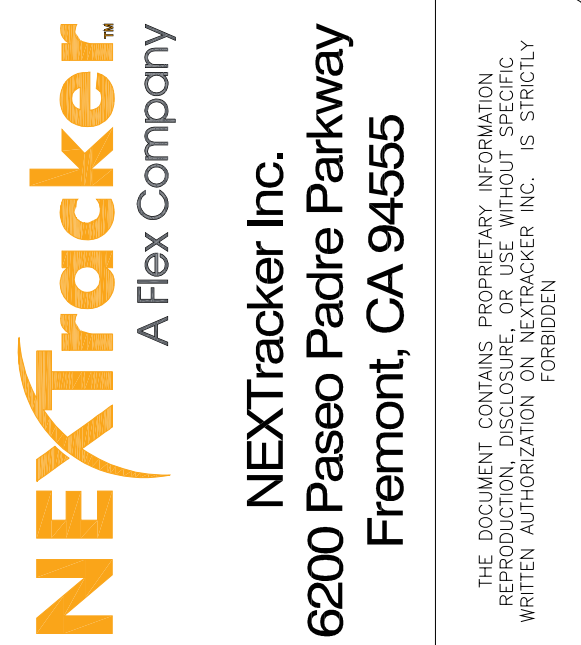
- DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL AND MISCELLANEOUS STEEL CONFORM TO THE BUILDING CODE AND LOCAL JURISDICTIONS.
- GALVANIZATION COATING FOR TRACKER STRUCTURE COMPONENTS SHALL CONFORM TO FOLLOWING UNLESS SPECIFIED OTHERWISE:
 - ALL POSTS- ASTM A123
 - TORQUE TUBE, MODULE RAILS - ASTM A653 G90
 - BHA, BRACKETS, AND MOUNTS - ASTM A123
- AREA DAMAGED DURING HANDLING OR INSTALLATION SHALL BE REMEDIATED BY APPLYING TOUCH-UP GALVANIZING PAINT OR SPRAY PER ASTM A780.
- ALL WELDING SHALL CONFORM TO BUILDING CODE AND LOCAL JURISDICTIONS OR AMERICAN WELDING SOCIETY (AWS) D1.1 "STRUCTURAL WELDING CODE - STEEL," WHICHEVER IS MORE STRINGENT. ALL WELDING ELECTRODES SHALL BE E70 SERIES.

POST INSTALLATION NOTES:

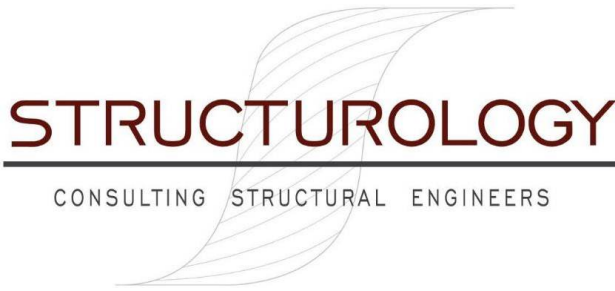
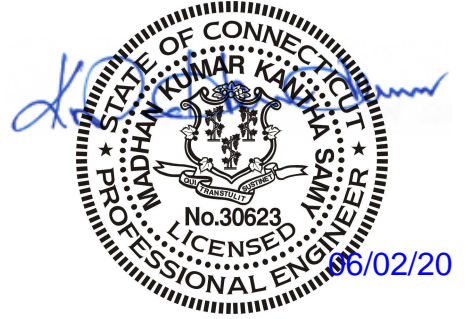
- SURVEYING IS NOT IN NEXTRACKER'S SCOPE OF WORK. ALL POSTS SHALL BE TIED TO PROJECT SURVEY CONTROL. TOP OF POST ELEVATION DETERMINATION IS NOT IN NEXTRACKER'S SCOPE OF WORK.
- ALL POSTS SHALL BE STAKED AND LOCATED BY SURVEYOR PRIOR TO POST DRIVING OPERATION.
- ALL POST SHALL BE INSTALLED WITHIN VERTICAL UNDULATION TOLERANCE, SEE NEXTRACKER INSTALLATION MANUAL FOR VERTICAL AND HORIZONTAL ALIGNMENT TOLERANCE.
- ALL TRACKER POSTS SHALL BE DRIVEN AT THE SPECIFIED LOCATIONS IN ONE SINGLE SLOPE PLANE, FOLLOWING GRADE N-S SLOPE MAXIMUM 6.1% FOR STANDARD TRACKER OR 15% FOR HIGH SLOPE TRACKER. TRACKERS INSTALLED OVER A MAXIMUM OF 6.1% MUST HAVE APPROVAL FROM NEXTRACKER PROJECT ENGINEERING.
- ADJUSTMENT FOR POST SPACINGS MUST BE MADE TO ACCOUNT FOR HIGH SLOPE AREAS. TRACKER DIMENSIONS PROVIDED IN CONSTRUCTION SET ARE ACTUAL TRACKER DIMENSIONS. PROJECTED HORIZONTAL DIMENSIONS OF TRACKER NEED TO BE CALCULATED FOR ACCURATE POST SPACING. IT IS THE RESPONSIBILITY OF CONTRACTOR TO CALCULATE EXACT POST SPACING THAT ACCOUNTS FOR TORQUE TUBE SLOPE.
- NEXTRACKER DOES NOT STIPULATE MAXIMUM SLOPE IN E-W DIRECTION. HOWEVER, HIGH E-W SLOPE DIRECTION MAY AFFECT ENERGY PRODUCTION. CIVIL ENGINEERING IS NOT IN NEXTRACKER SCOPE OF WORK. CUSTOMER SHALL HIRE CIVIL ENGINEER TO ANALYZE GROUND CONDITIONS, SITE GRADING, POST CONSTRUCTION DRAINAGE AND OTHER CIVIL RELATED WORKS PER NEXTRACKER SITE SLOPE GUIDELINES.
- TRACKER MOTOR POST RESIST FORCES IN N-S DIRECTION. FOR PROJECTS IN HIGH SEISMIC OR IN HIGH SLOPE AREA, BUSHING MAY NEED TO BE INSTALLED TO DISTRIBUTE LATERAL FORCES TO ADJACENT POSTS.
- ALL POST DRIVEN IN THE WRONG LOCATION OR OUT OF TOLERANCE SHALL BE REMOVED AND REDRIVEN INTO CORRECT LOCATION. VOID IN GROUND FROM POST REMOVAL SHALL BE FILLED WITH EITHER 500 PSI CONCRETE SLURRY, OR NATIVE SOIL AND APPROVED IMPORT FILLED MATERIAL, COMPACTED TO 90% ASTM D1557 AT OPTIMUM MOISTURE CONTENT +4% AT NO MORE THAN 8" (200MM) LIFTS.
- POST SHALL BE INSTALLED AFTER GRADING AND EROSION CONTROL IS IN PLACE.
- UNDERGROUND UTILITIES OR STRUCTURES SHALL BE SURVEYED BEFORE POST INSTALLATION.
- FLOOD DEPTHS ARE ASSUMED TO BE SIX INCHES OR LESS THROUGHOUT THE SITE UNLESS POSTS ARE SPECIFICALLY DESIGNED FOR HIGHER FLOOD DEPTHS OTHERWISE; NO PIERS SHALL BE INSTALLED IN STREAM OR WASH AREA SUBJECT TO FUTURE EROSION.
- LOW-VELOCITY SHEET FLOW AND SCOUR DEPTHS ARE ASSUMED TO BE SIX INCHES OR LESS THROUGHOUT THE SITE UNLESS SPECIFIED OTHERWISE.
- MINIMUM POST HEIGHT IS CALCULATED FOR A MODULE CLEARANCE OF 12INCHES FOR PANEL TILT AT 50 DEGREES. IF FLOOD DEPTH EXCEEDS 6 INCHES OR AHJ REQUIREMENT IS DIFFERENT THAN NEXTRACKER'S ASSUMPTION, THE MINIMUM POST HEIGHT WILL NEED TO BE REVISED. IT IS THE RESPONSIBILITY OF CUSTOMER TO VALIDATE ADEQUATE CLEARANCE BETWEEN FLOOD LEVEL AND EDGE OF MODULE.
- IN CASE OF POST LOCATION EXHIBITING SCOUR OVER 6", SOIL SURROUNDING THE POST SHALL BE RECOMPACTED TO ORIGINAL GROUND LEVEL COMPACTION AT 90% ASTM D1557, OPTIMUM MOISTURE CONTENT +4% OR AS ALTERNATE, POUR LEAN CONCRETE F'C=500 PSI UP TO GRADE TO FILL VOID CREATED BY SCOUR.
- IN CASE THE NATIVE SOIL IS DISTURBED OR FILLED IN ANY WAY, IT WILL NEED TO BE MOISTENED AND COMPACTED AS PER THE FOLLOWING NOTES, NO ADDITIONAL COMPACTION REQUIRED ON CUT SECTION OF NATIVE SOIL OR UNDISTURBED NATIVE SOIL UNLESS AN OBVIOUS SOFT SPOT IS DETECTED DURING INSTALLATION OF THE PILE (PILE DRIVEN IN IN LESS THAN 10 SECOND).
 - ENGINEERING FILL SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 8 INCHES IN THICKNESS AND SHALL BE PREPARED IN ACCORDANCE WITH PROJECT GEOTECHNICAL REPORT.
 - AREA DISTURBED DURING CLEARING/DEMOLITION AND AREA RECEIVING FILL IN THE SOLAR FIELD SHOULD BE MOISTENED TO OPTIMUM MOISTURE CONTENT AND COMPACT IN LIFTS NOT TO EXCEED 8" (20 CM) IN EACH LIFT.
 - EDGE DISTANCE OF MAIN ELECTRICAL TRENCH TO CENTERLINE OF LAST POST IS 3'-0 (1.0M) MINIMUM. EXCAVATION DEPTH OF LATERAL TRENCH TO MAIN ELECTRICAL TRENCH IS SHALL NOT EXCEED 2'-6 (.75M) MAXIMUM. PRECAUTION SHOULD BE MADE NOT TO UNDERMINE THE LAST POST BY MAINTAIN A 45 DEGREE EXCAVATION SLOPE ADJACENT TO POST.
- POSTS DESIGN IS BASED ON RESULT OF PILE LOAD TEST AND DRIVABILITY TEST DONE AT TIME OF SITE INVESTIGATION. PRE-DRILL LOCATION DURING CONSTRUCTION MAY VARY FROM LOCATION SHOWN ON PLAN. DETERMINATION OF PRE-DRILLING LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR. NEXTRACKER DOES NOT TAKE RESPONSIBILITY FOR ANY DEVIATION OF PRE-DRILLED LOCATION FROM PLAN THAT MAY ARISE ON SITE.
- PRE-DRILLED HOLES MAY BE REQUIRED IF DRIVEN PILES MEETING REFUSAL OR PILE HEAD DAMAGE. IF DIAMETER OF PRE-DRILLED DIAMETER IS NOT PRE-DETERMINED DURING PILE LOAD TESTING, ADDITIONAL PILE LOAD TESTING WILL BE REQUIRED AND REVIEWED BY ENGINEER OF RECORD DURING CONSTRUCTION TO QUALIFY PRE-DRILL HOLE.
- MINIMUM PRE DRILLED HOLE IS SUGGESTED TO BE 4" (100 MM). MAXIMUM PRE DRILLED HOLE SHALL NOT EXCEED 5.5" (140"). ALL HOLES SHALL BE FILLED WITH SOIL REMOVED AND NO ROCKS OVER 1/2" DIAMETER.
- ANY PRE DRILLED HOLE 6" OR LARGER SHALL BE FILLED WITH CONCRETE SLURRY WITH MINIMUM STRENGTH F'C=500 PSI OR APPROVED EQUAL. NO ADDITIONAL PROOF LOAD TEST IS REQUIRED.
- UNDER ANY CIRCUMSTANCE, DEPTH OF PRE-DRILLED HOLE SHALL NOT EXCEED THE MINIMUM EMBEDMENT DEPTH.
- FOUNDATIONS THAT DO NOT MEET THE DESIGN MINIMUM EMBEDMENT DEPTH SHALL BE PROOF LOAD TESTED FOR ACCEPTANCE BY FOUNDATION ENGINEER OF RECORD. NEXTRACKER DO NOT TAKE ANY WARRANTY FOR FAULTY CONSTRUCTION OR FOUNDATIONS BUILT OUTSIDE THE TOLERANCES PROVIDED IN CONSTRUCTION DRAWING SET.
- NEXTRACKER MAKES NO REPRESENTATION OF SOIL CONDITIONS OR PILE DRIVABILITY CONDITIONS OUTSIDE OF THE SPECIFIC LOCATIONS TESTED IN THE GEOTECH REPORT AND PILE LOAD TEST OR PERFORMANCE OF DIFFERENT PILE DRIVING EQUIPMENT. CONSTRUCTION MEANS AND METHODS INCLUDING BUT NOT LIMITED PILE DRIVING EQUIPMENT SELECTION IS THE RESPONSIBILITY OF THE CUSTOMER. NEXTRACKER RECOGNIZES THAT VARYING RESULTS MAY BE REALIZED WITH VARYING, EQUIPMENT, OPERATORS VARIABLE SOIL.

TRUE CAPTURE NOTES:

- TRUECAPTURE BENEFIT ESTIMATE BASED ON PRELIMINARY ASSESSMENT OF REGIONAL WEATHER CONDITIONS AND SITE TERRAIN TO PROVIDE A BUDGETARY QUOTE. FINAL SITE ESTIMATE WILL BE PROVIDED UPON CUSTOMER REQUEST. ADDITIONAL SUPPORTING DOCUMENTS AND FEASIBILITY FEE MAY BE REQUIRED. TRUCAPTURE BENEFIT ESTIMATED REQUIRES A PURCHASE OF A TRUCAPTURE LICENSE.



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CS ENERGY
NORTH STONINGTON

CT, NORTH AMERICA
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SITE ID:

001035

SHEET TITLE:

**CONSTRUCTION
NOTES**

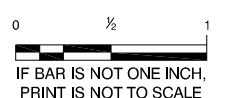
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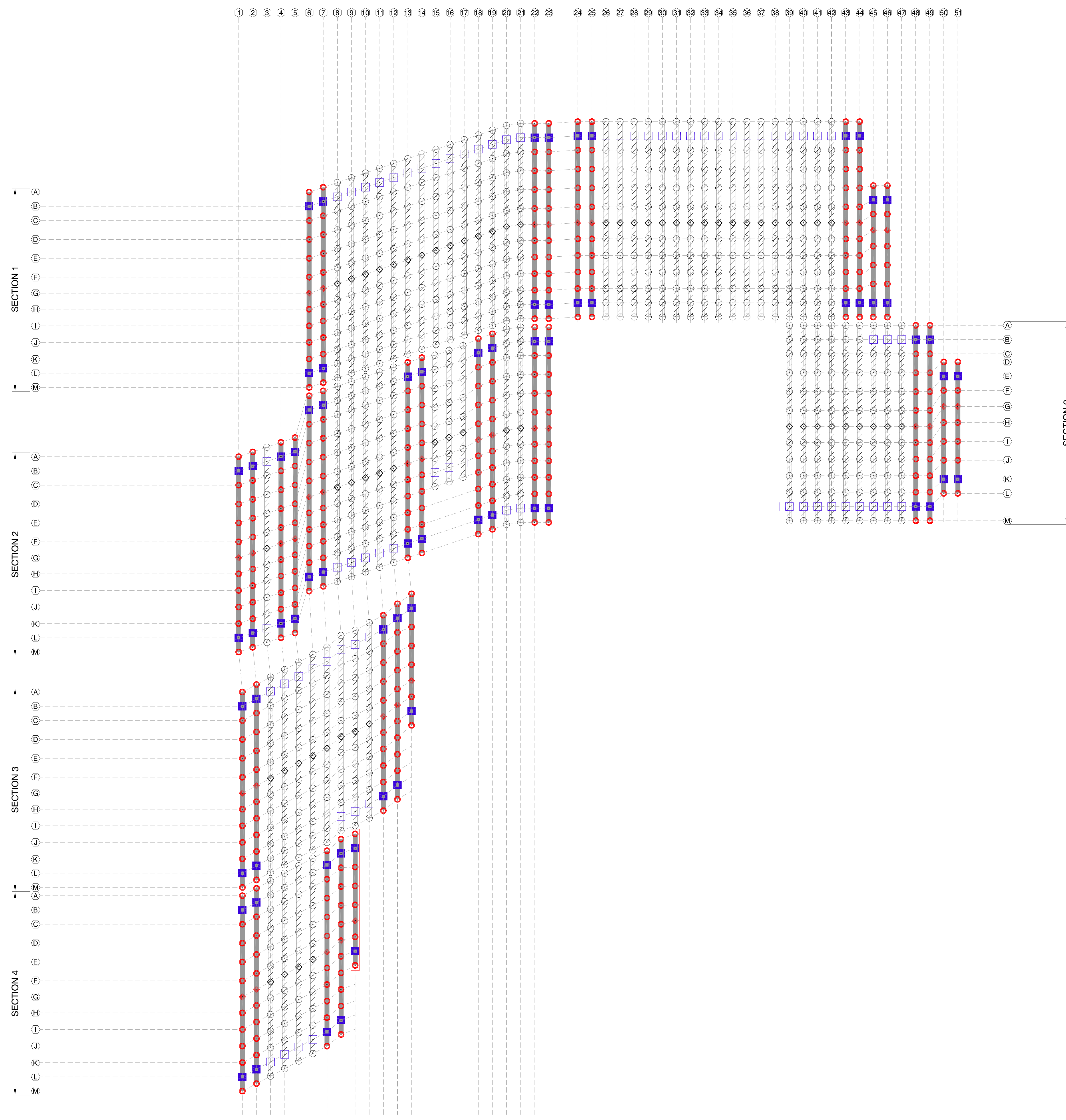
SITE DETAILS

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LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4-9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
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CHECKED BY	LEE

SHEET NO.:

S-102



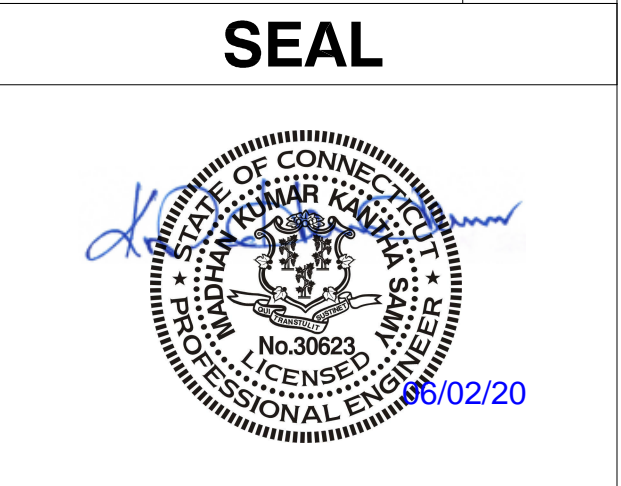


TRACKER LEGEND	
TRACKER SYMBOL	TRACKER TYPE
	EXTERIOR
	EDGE
	INT

PIER LEGEND	
SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
LABEL	
	PIER LABEL
	TRACKER ROW
	HIGH SLOPE TRACKER

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SHEET TITLE:
**PIER PLAN
BLOCK - 01**

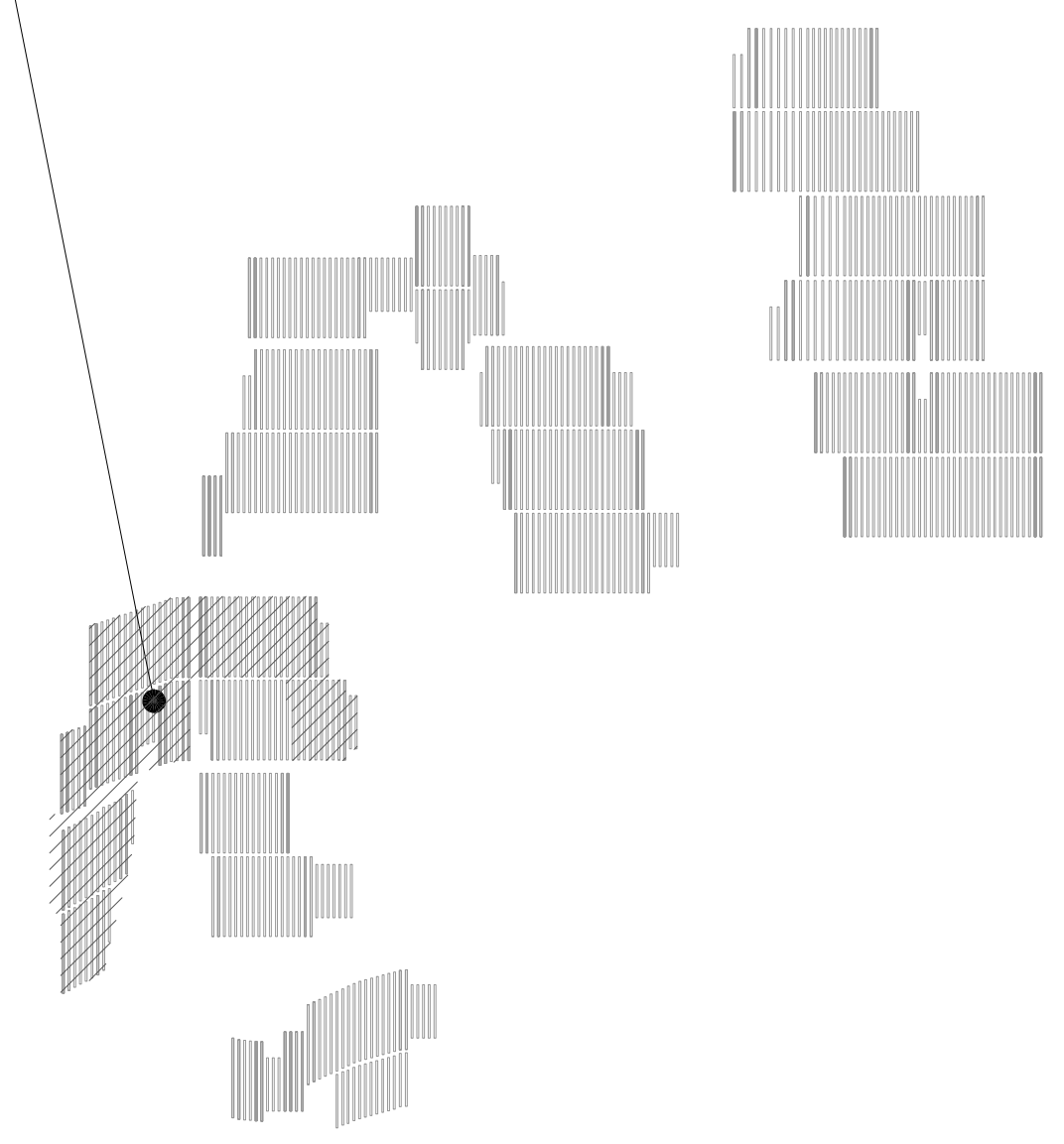
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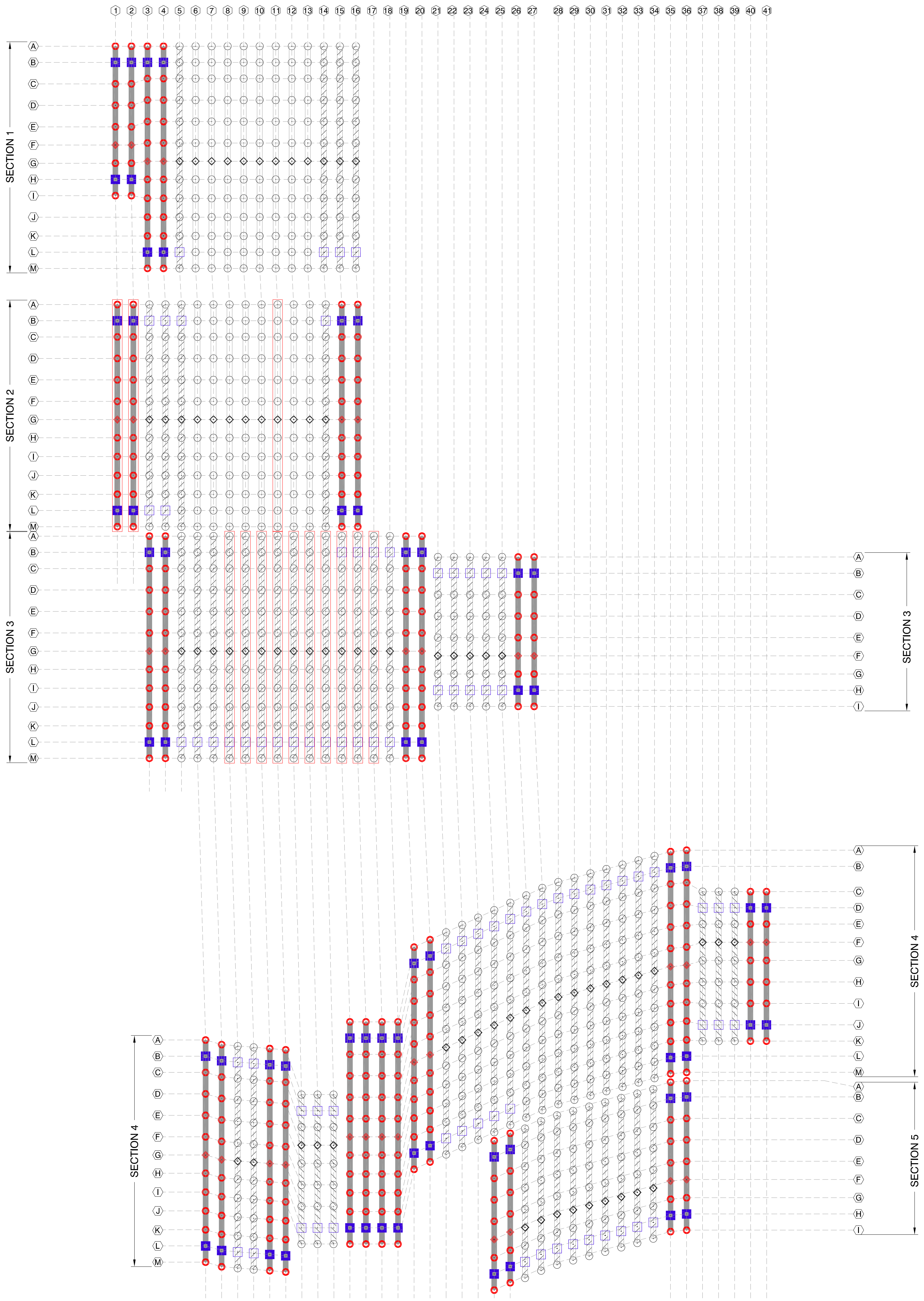
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CHECKED BY	LEE

SHEET NO.:
S-201

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BLOCK 01,
THIS SHEET





TRACKER LEGEND	
TRACKER SYMBOL	TRACKER TYPE
	EXTERIOR
	EDGE
	INT

PIER LEGEND	
SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
LABEL	
	PIER LABEL
	TRACKER ROW
	HIGH SLOPE TRACKER

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SITE ID:
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SHEET TITLE:
**PIER PLAN
BLOCK - 02**

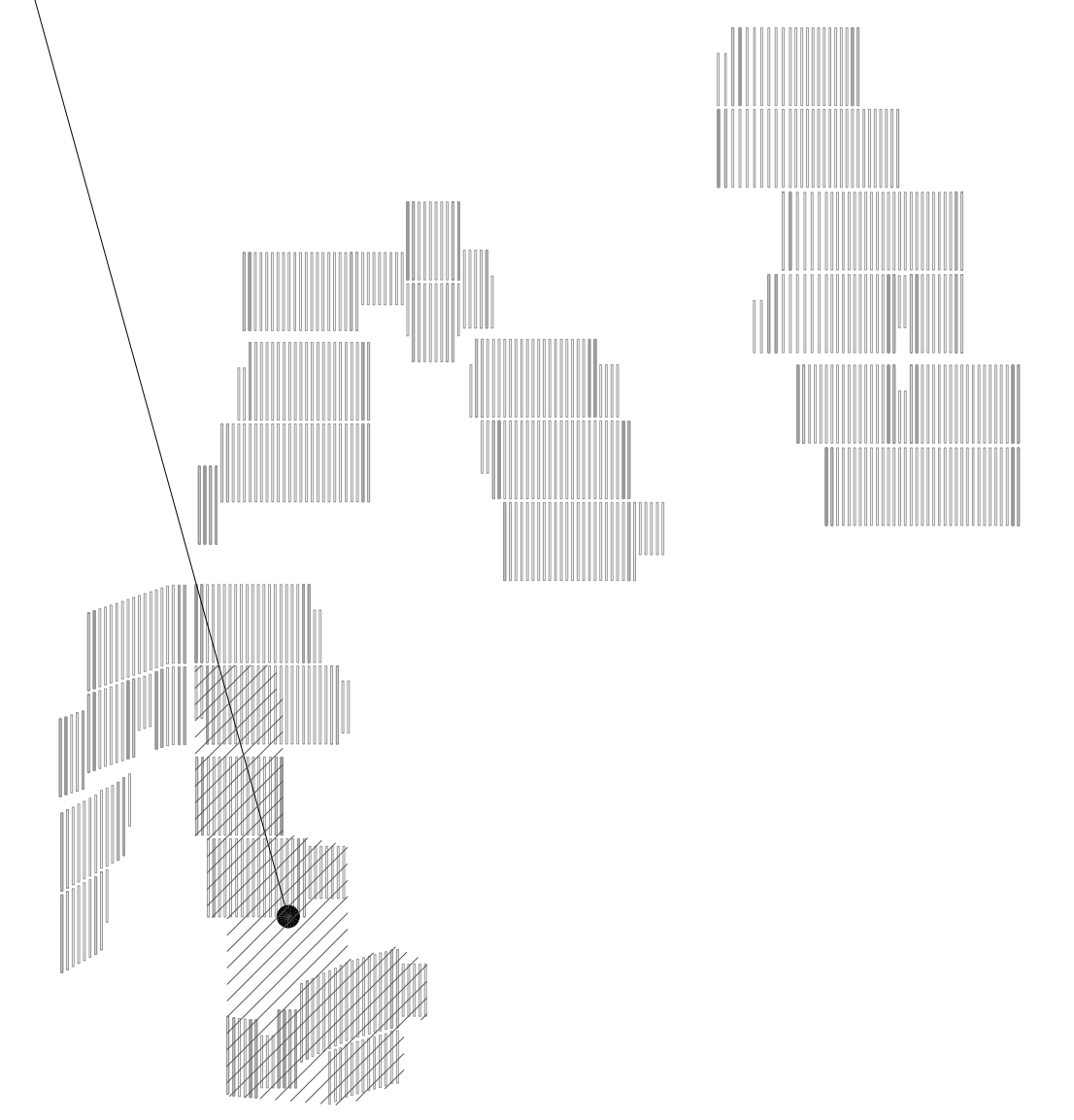
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STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

SHEET NO.:
S-202

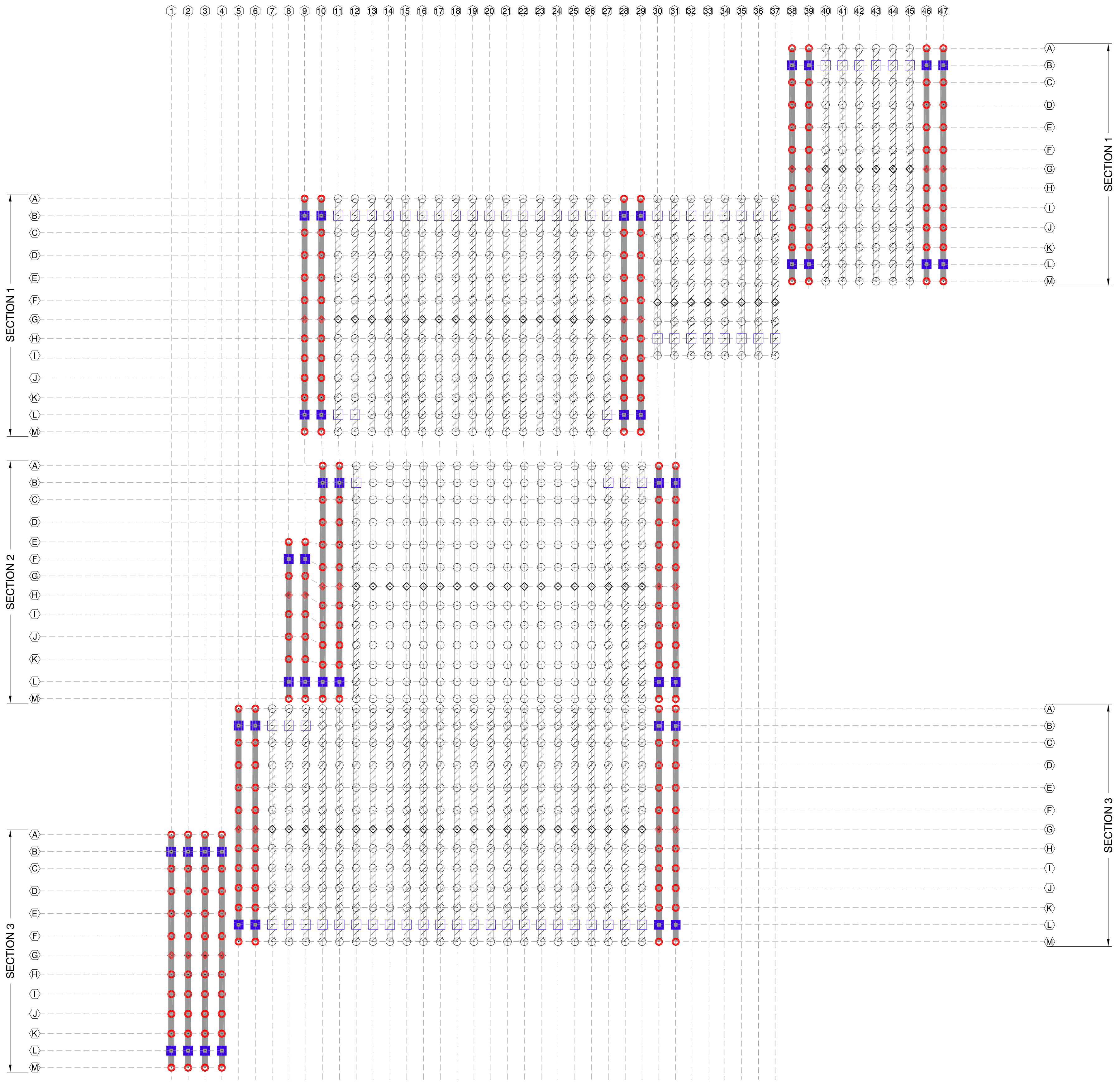
IF DIMS IS NOT ONE INCH, PRINT IS NOT TO SCALE

BLOCK 02,
THIS SHEET



2 SITE KEY
SCALE: N.T.S.

1 PIER PLAN
SCALE: 1" = 75'-0"



TRACKER LEGEND	
TRACKER SYMBOL	TRACKER TYPE
	EXTERIOR
	EDGE
	INT

PIER LEGEND	
SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
LABEL	LABEL TYPE
	PIER LABEL
	TRACKER ROW
	HIGH SLOPE TRACKER

NEXTracker
A Flex Company
NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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CS ENERGY
NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

SITE ID:
001035

SHEET TITLE:
**PIER PLAN
BLOCK - 03**

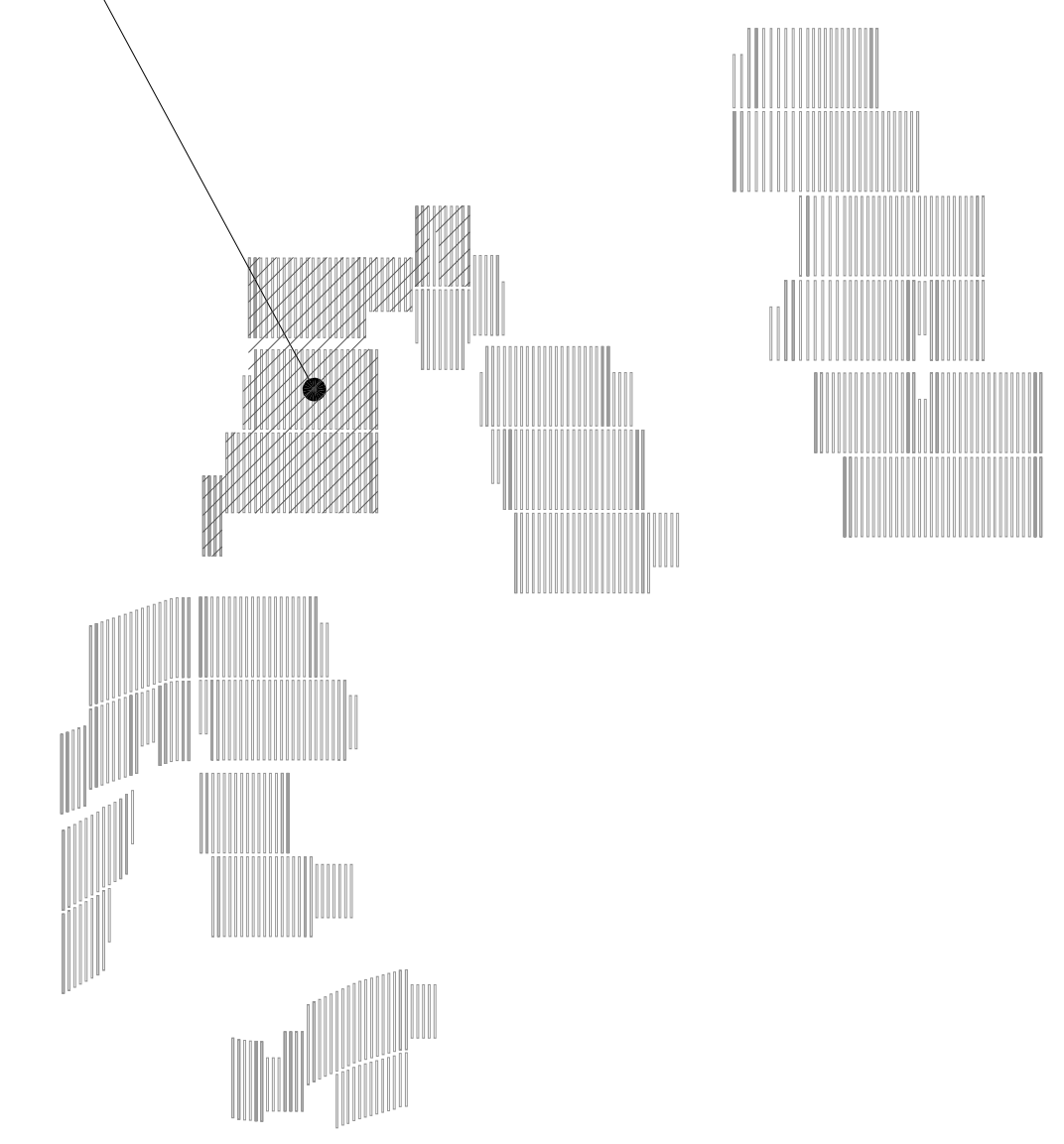
NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS	
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4-9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE
SHEET NO.:	

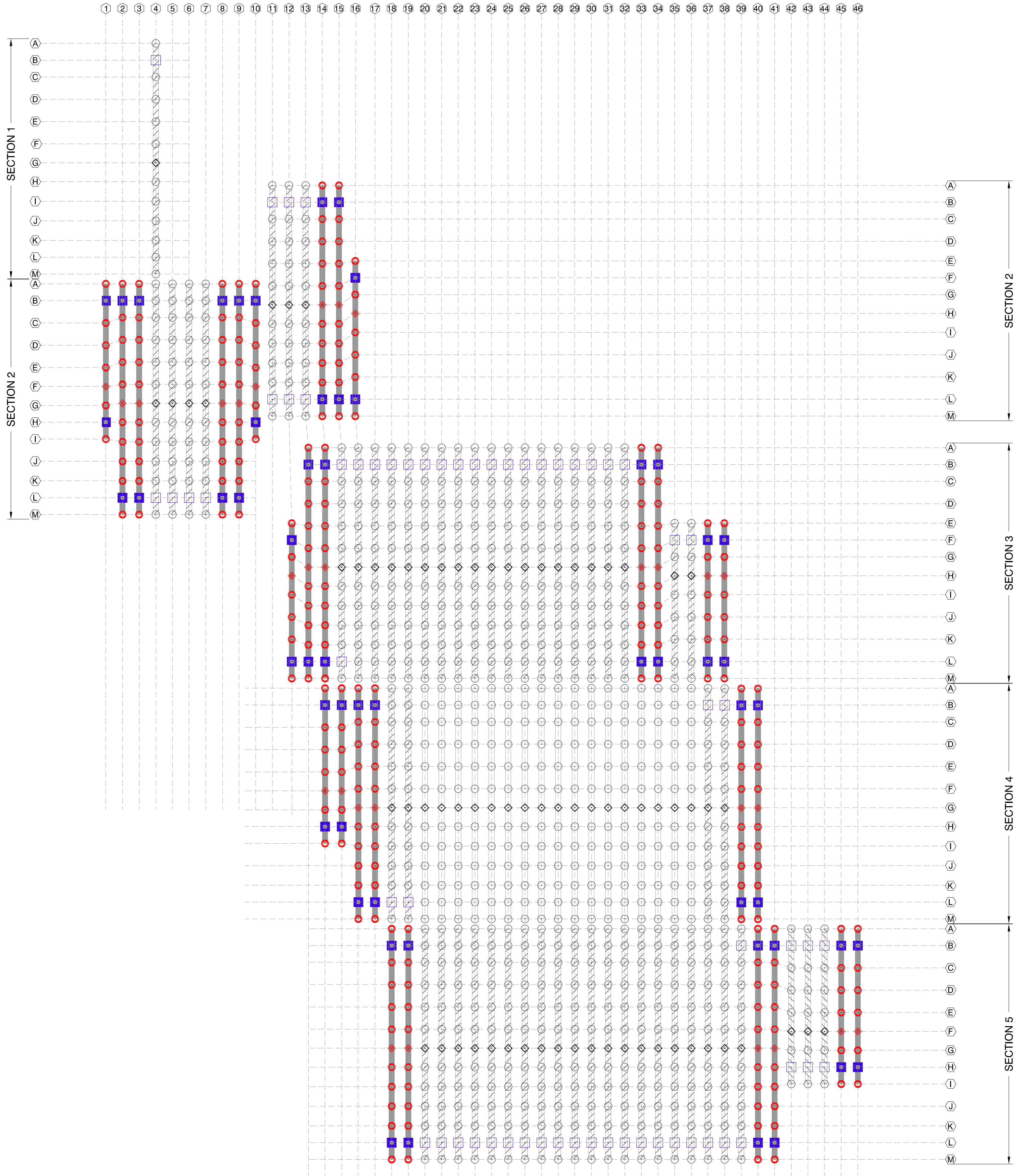
S-203

IF BARS IS NOT ONE INCH, PRINT IS NOT TO SCALE

BLOCK 03,
THIS SHEET



2 SITE KEY
SCALE: N.T.S.



TRACKER LEGEND	
TRACKER SYMBOL	TRACKER TYPE
	EXTERIOR
	EDGE
	INT

PIER LEGEND	
SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
LABEL	
	PIER LABEL
	TRACKER ROW
	HIGH SLOPE TRACKER

NEXTracker
A Flex Company
NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

SITE ID:
001035

SHEET TITLE:
**PIER PLAN
BLOCK - 04**

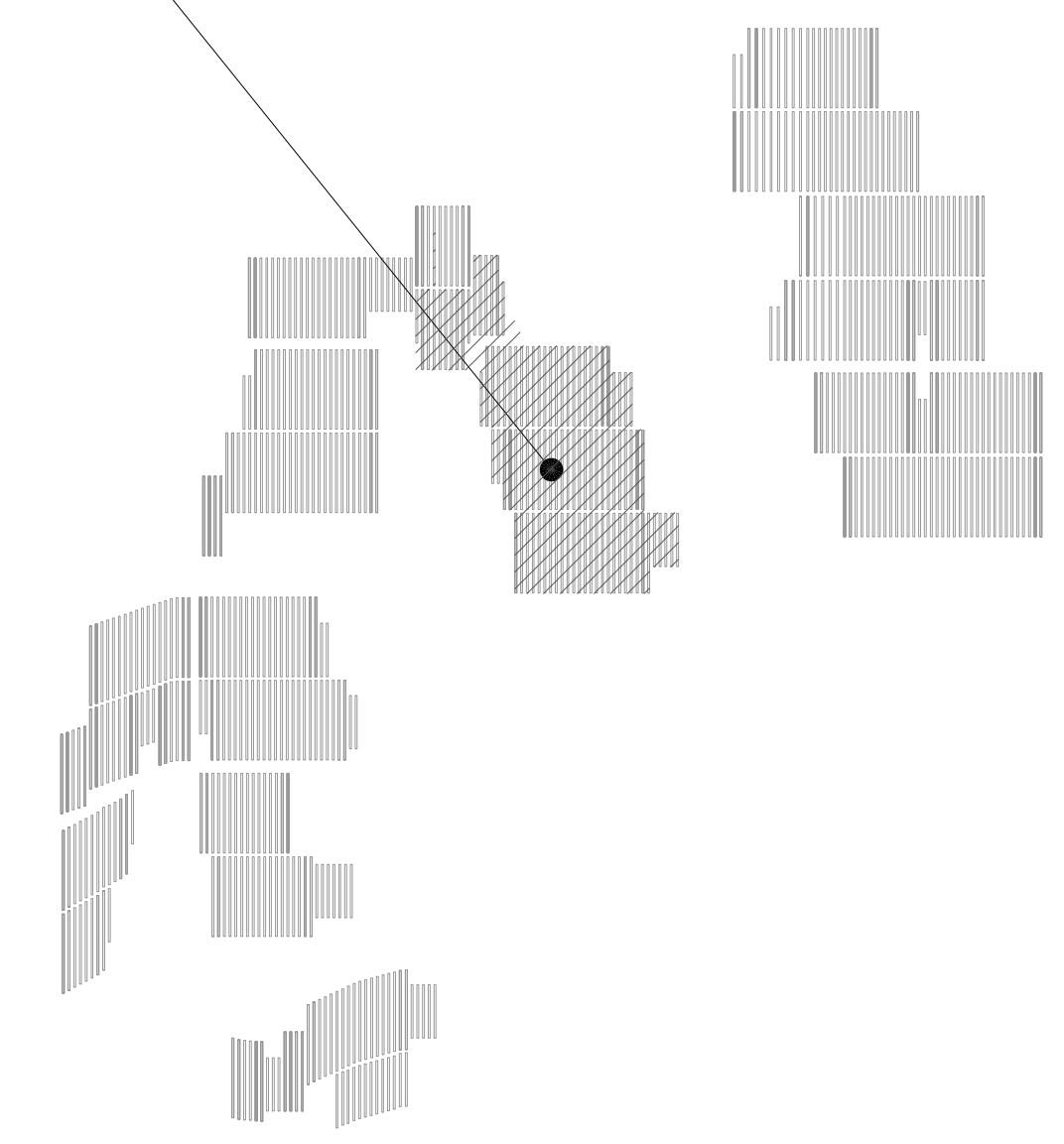
NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS	
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-6-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

SHEET NO.:
S-204

IF DIM IS NOT ONE INCH, PRINT IS NOT TO SCALE

BLOCK 04,
THIS SHEET



2 SITE KEY
SCALE: N.T.S.

TRACKER LEGEND	
TRACKER SYMBOL	TRACKER TYPE
	EXTERIOR
	EDGE
	INT

PIER LEGEND	
SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
LABEL	LABEL TYPE
	PIER LABEL
	TRACKER ROW
	HIGH SLOPE TRACKER

NEXTracker
A Flex Company

NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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CS ENERGY
NORTH STONINGTON

CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

SITE ID:
001035

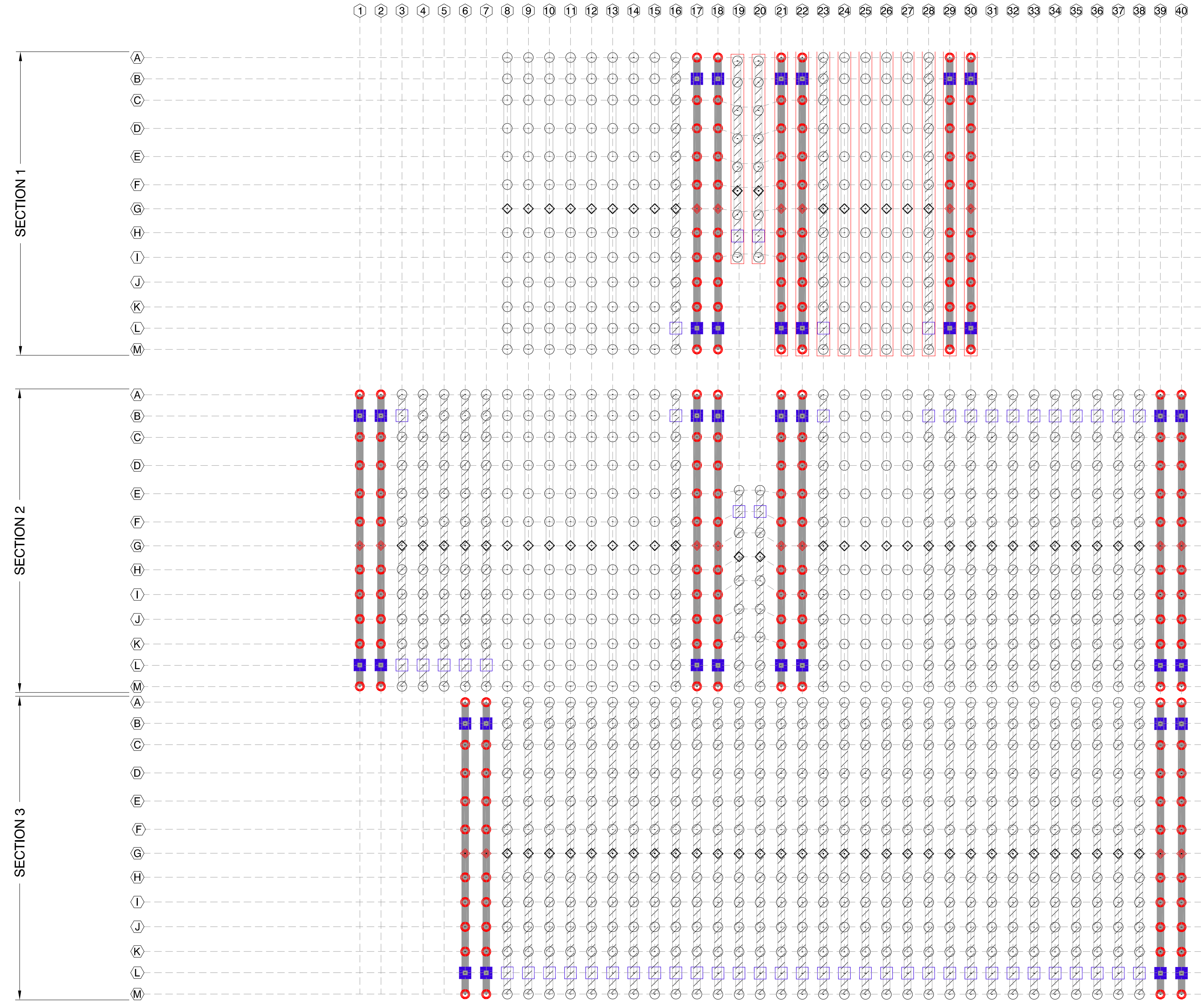
SHEET TITLE:
**PIER PLAN
BLOCK - 05**

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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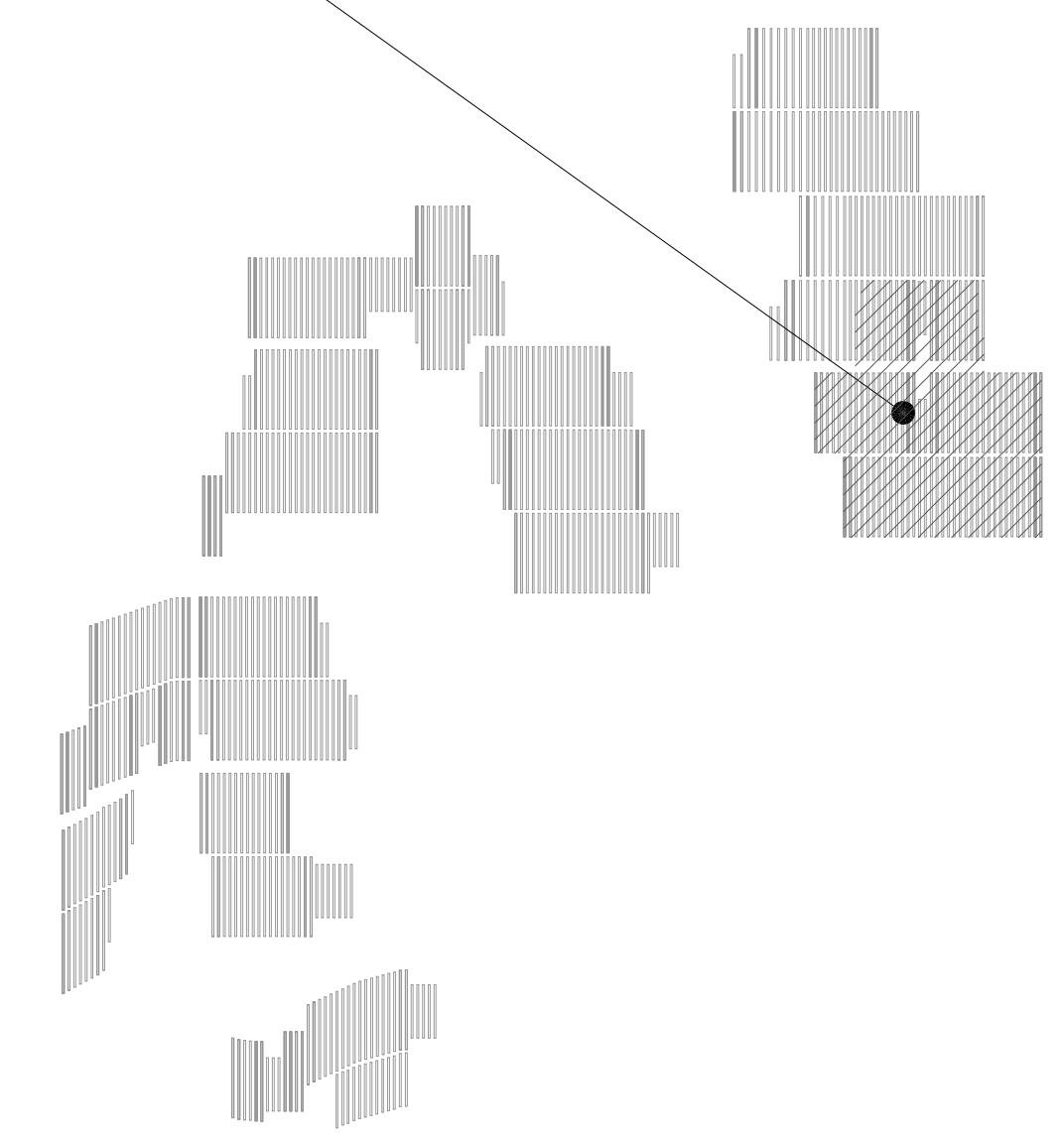
SITE DETAILS	
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

SHEET NO.: **S-205**

IF DIM IS NOT ONE INCH, PRINT IS NOT TO SCALE



BLOCK 05,
THIS SHEET



1 PIER PLAN
SCALE: 1" = 75'-0"

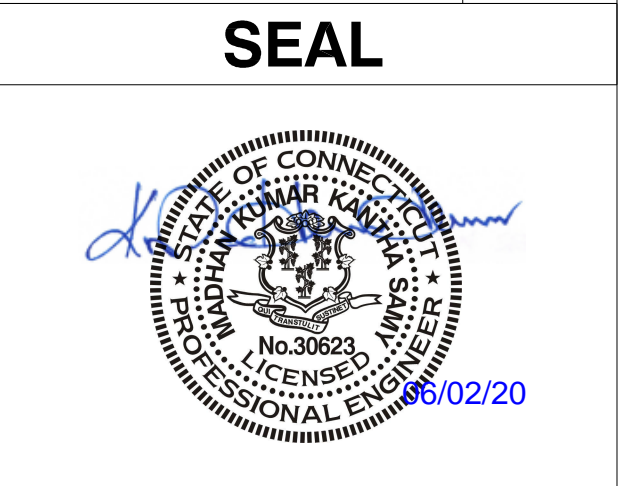
2 SITE KEY
SCALE: N.T.S.

TRACKER LEGEND	
TRACKER SYMBOL	TRACKER TYPE
	EXTERIOR
	EDGE
	INT

PIER LEGEND	
SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
LABEL	
	PIER LABEL
	TRACKER ROW
	HIGH SLOPE TRACKER

NEXTracker
A Flex Company
NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

SITE ID:
001035

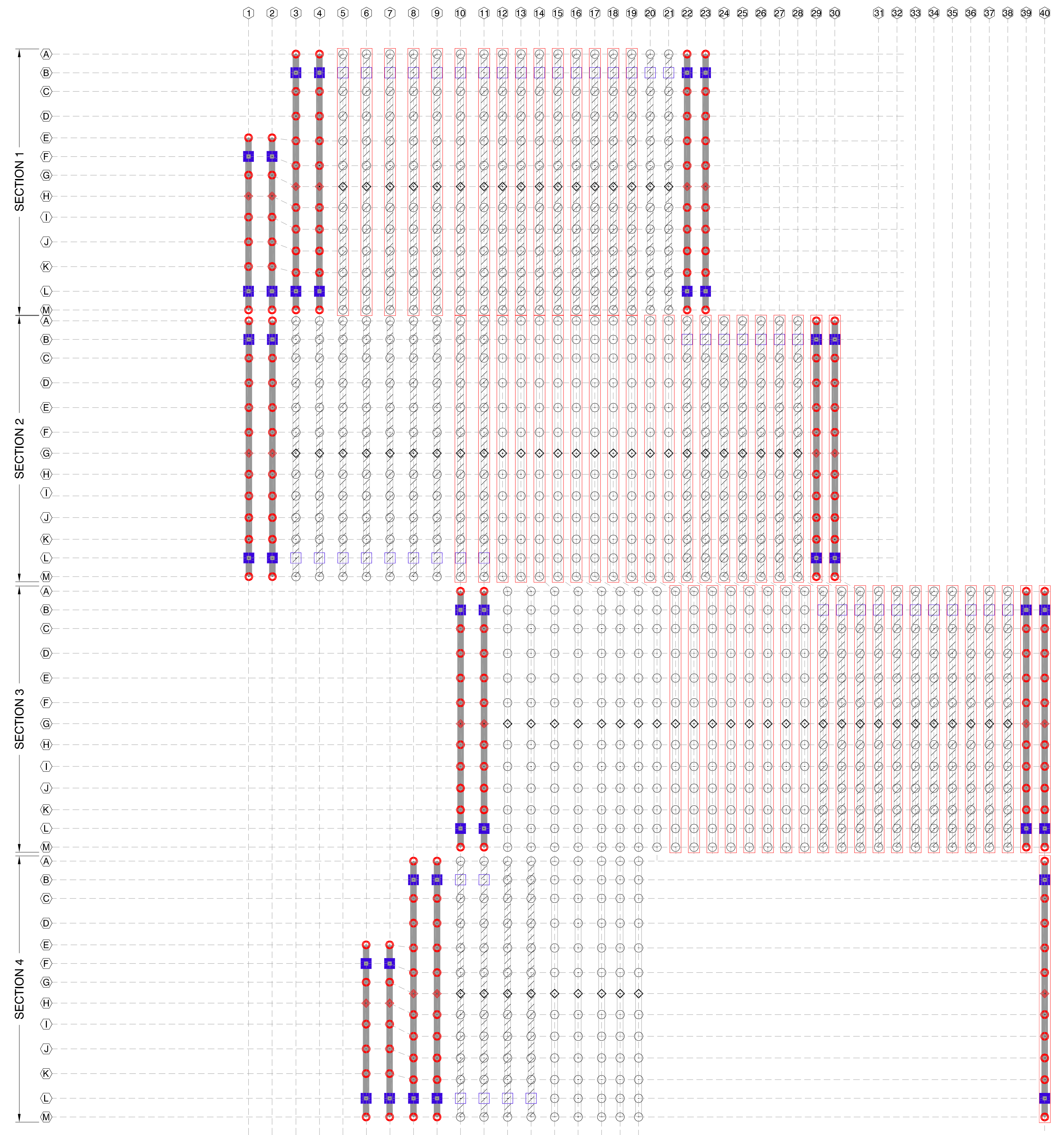
SHEET TITLE:
**PIER PLAN
BLOCK - 06**

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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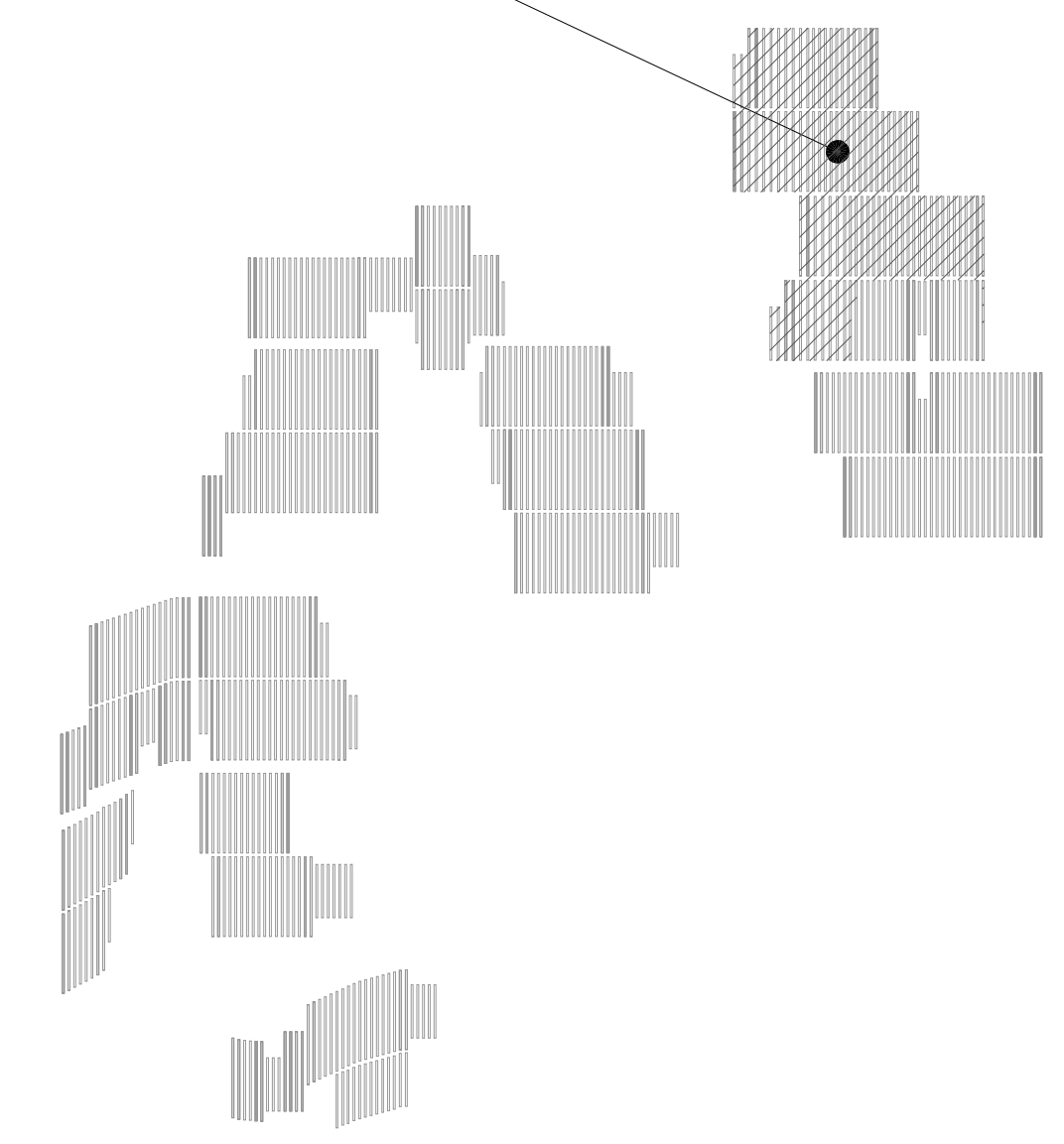
SITE DETAILS	
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

SHEET NO.:
S-206

IF DIMS IS NOT ONE INCH, PRINT IS NOT TO SCALE

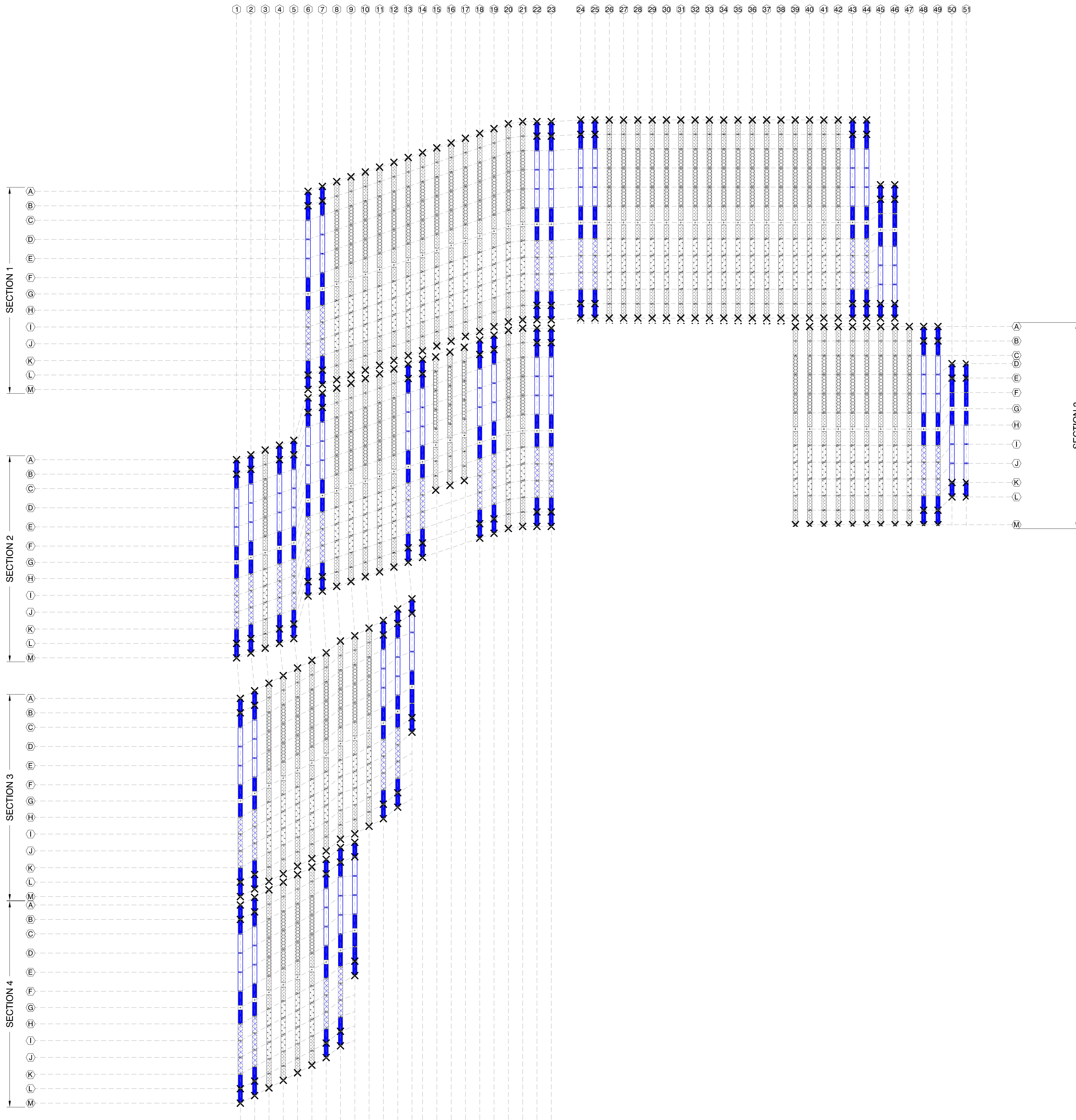


BLOCK 06,
THIS SHEET



2 SITE KEY
SCALE: N.T.S.

1 PIER PLAN
SCALE: 1" = 75'-0"



TORQUE TUBE LEGEND

HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND

SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	DETAIL 4



TORQ. TUBE PLAN
 SCALE: 1" = 75'-0"

A Flex Company
NEXTracker Inc.
 6200 Paseo Padre Parkway
 Fremont, CA 94555

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NORTH STONINGTON
 CT, NORTH AMERICA
 US

PROJECT NUMBER:
510063

SITE ID:
001035

SHEET TITLE:
**TORQ. TUBE PLAN
BLOCK - 01**

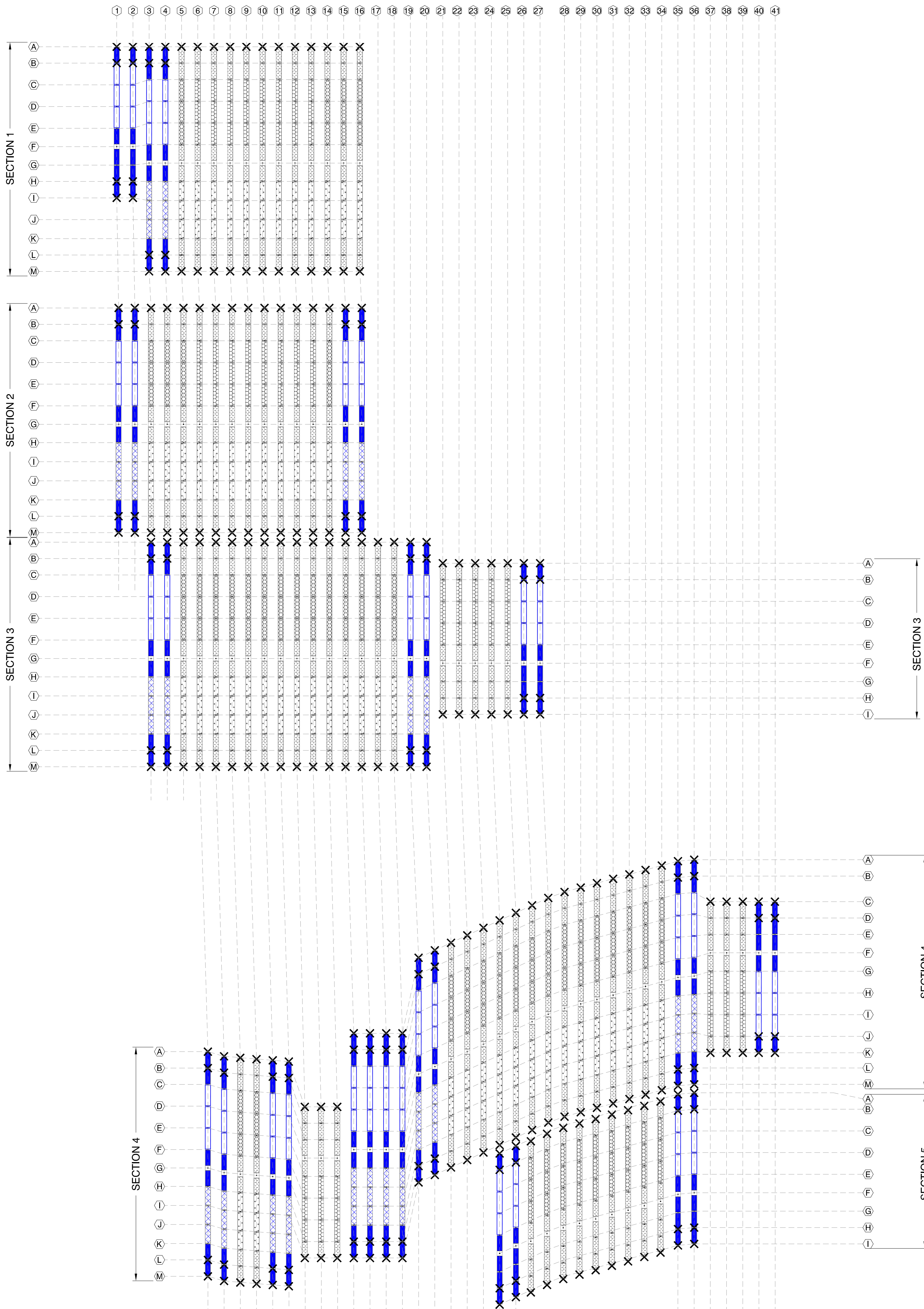
NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

S-301

IF DIMS IS NOT ONE INCH, PRINT IS NOT TO SCALE



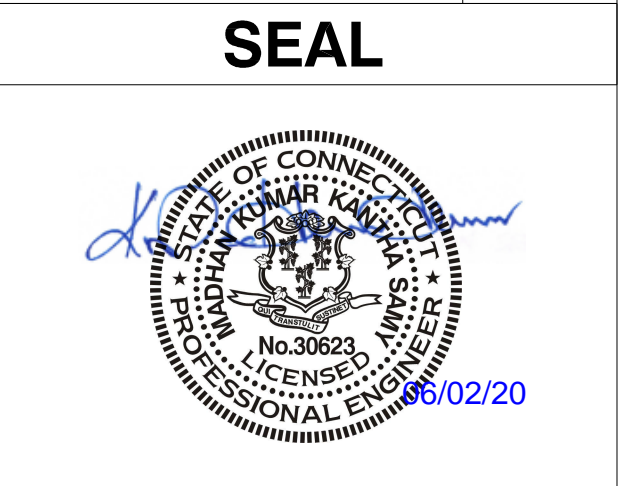
TORQUE TUBE LEGEND

HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND

SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	DETAIL 4

NEXTracker
A Flex Company
NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555



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NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

SITE ID:
001035

SHEET TITLE:
**TORQ. TUBE PLAN
BLOCK - 02**

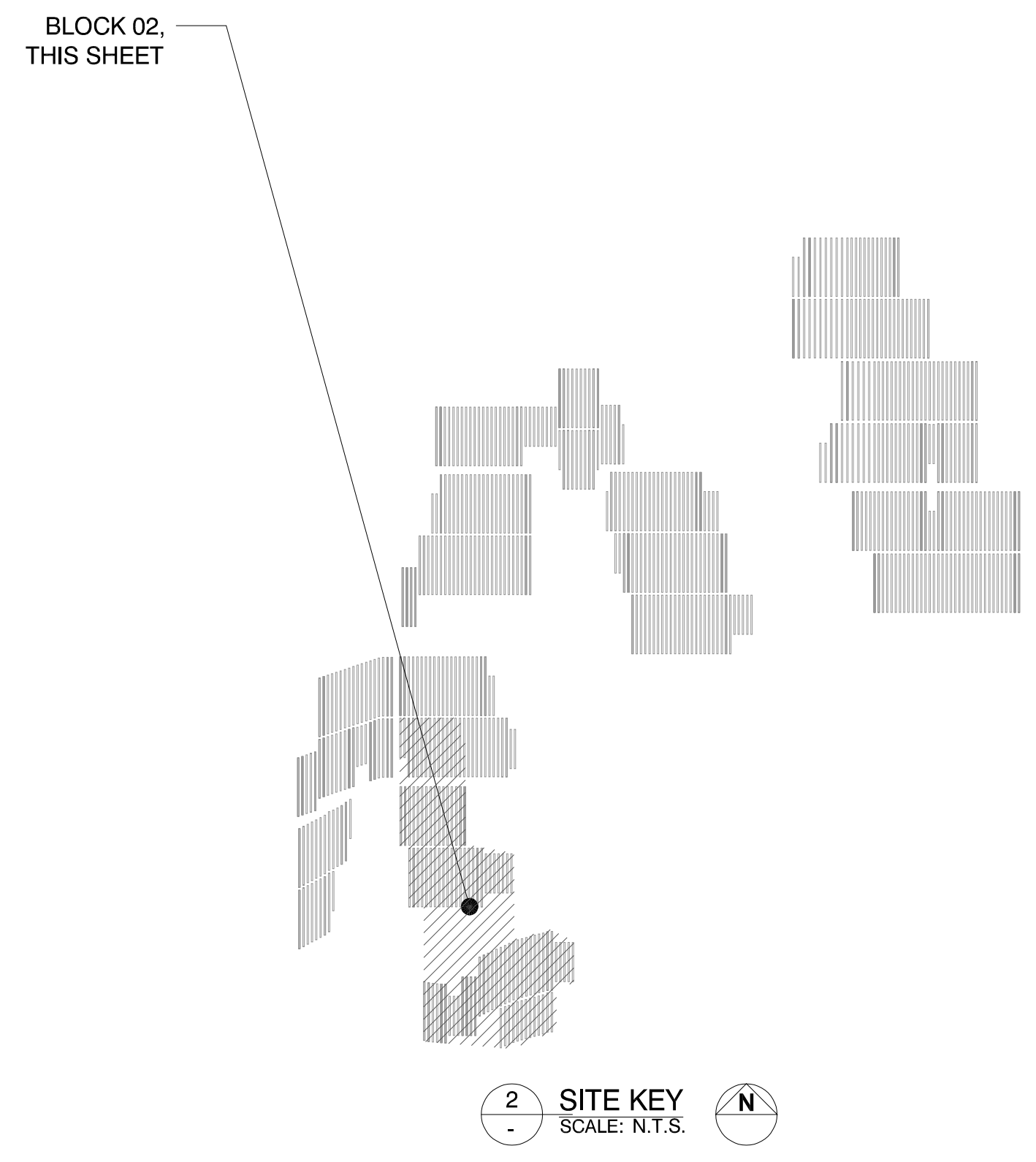
NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

S-302

IF DIMS IS NOT ONE INCH, PRINT IS NOT TO SCALE



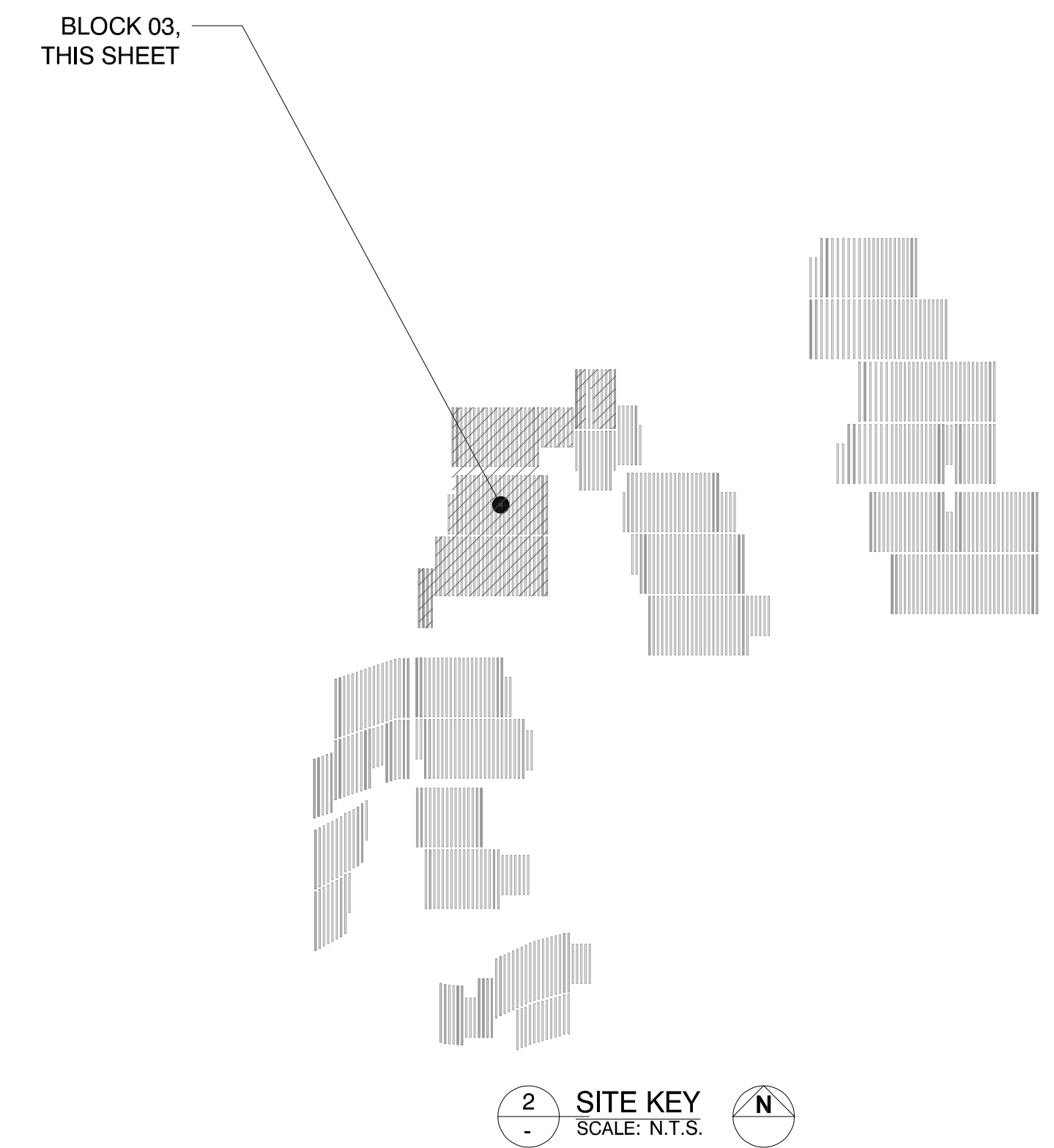
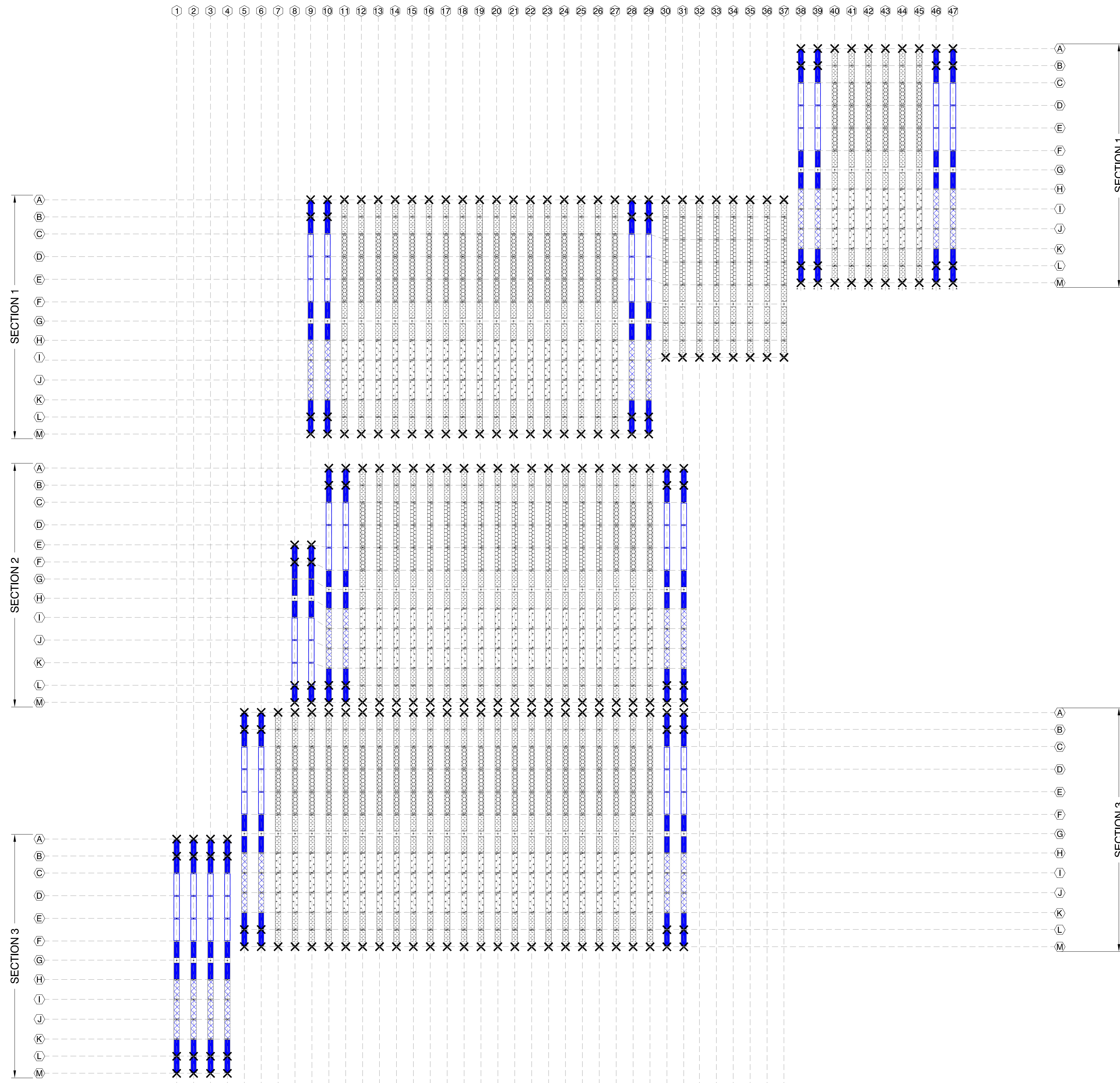
1 TORQ. TUBE PLAN
SCALE: 1" = 75'-0"

TORQUE TUBE LEGEND

HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND

SYMBOL	DAMPER TYPE	SEE SHEET
X	DOUBLE DAMPER	DETAIL 4



1 TORQ. TUBE PLAN
SCALE: 1" = 75'-0"

NEXTracker
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NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

SITE ID:
001035

SHEET TITLE:
**TORQ. TUBE PLAN
BLOCK - 03**

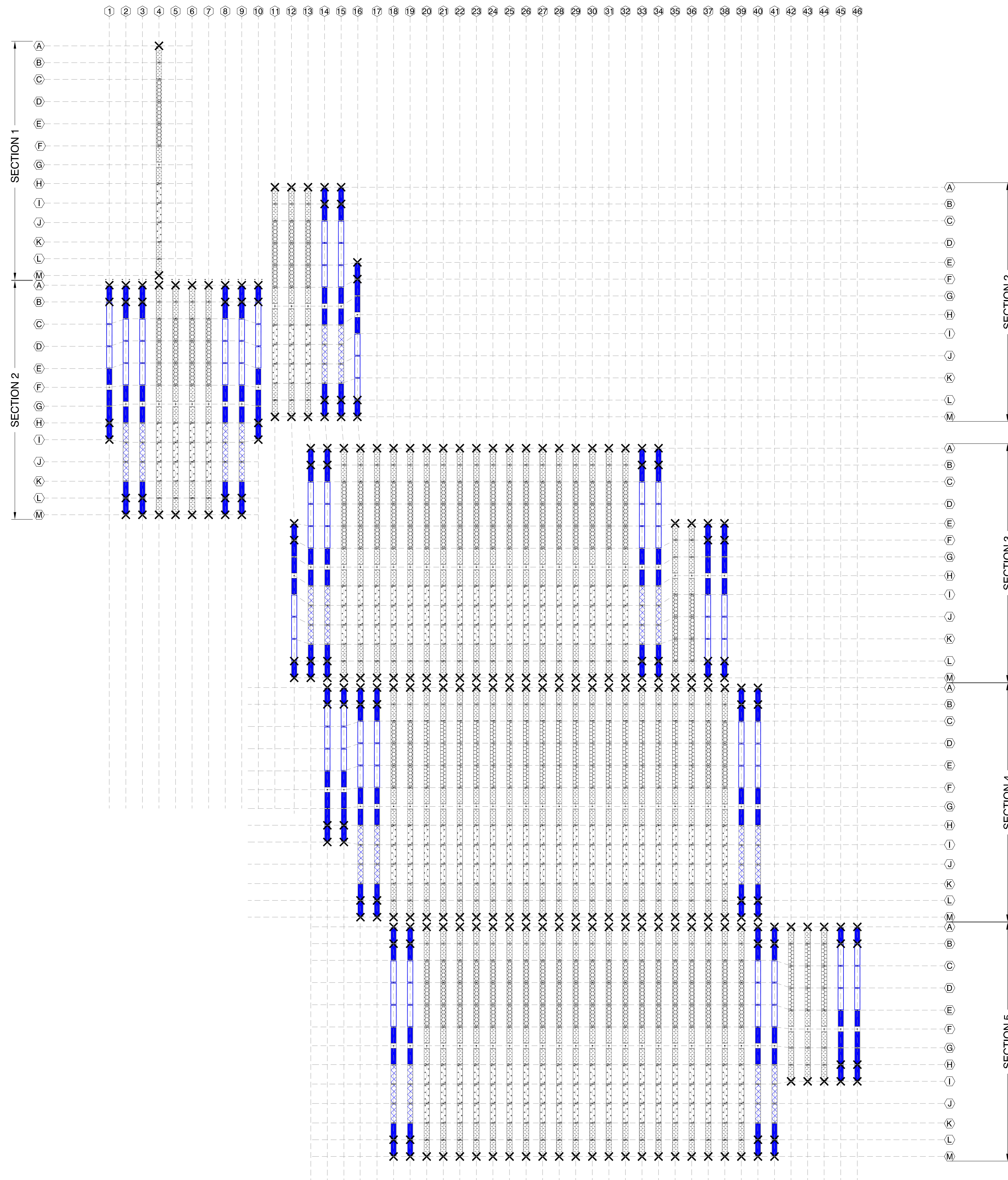
NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

S-303

IF DIMS IS NOT ONE INCH, PRINT IS NOT TO SCALE



1 TORQ. TUBE PLAN
SCALE: 1" = 75'-0"

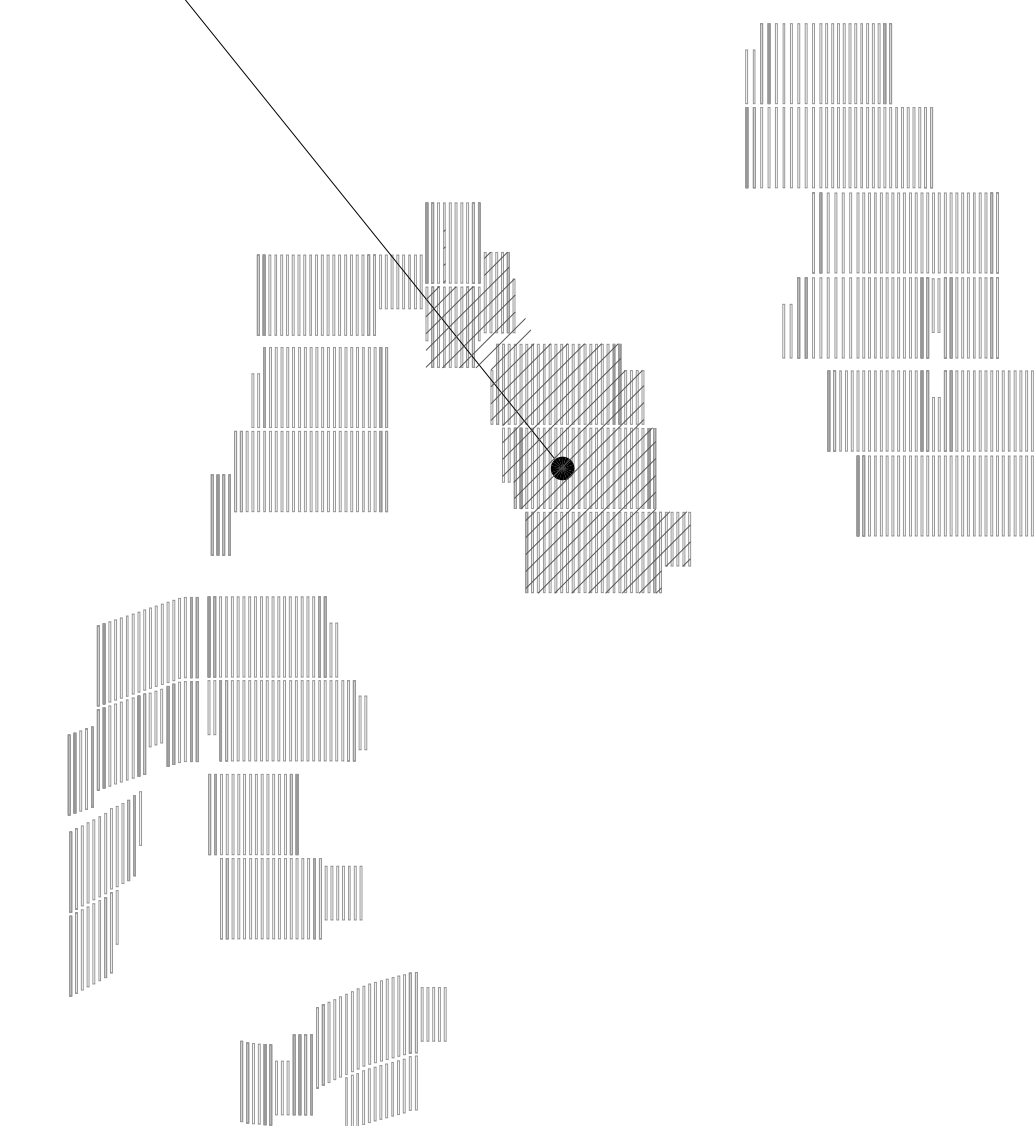
TORQUE TUBE LEGEND

HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND

SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	DETAIL 4

BLOCK 04,
THIS SHEET



2 SITE KEY
SCALE: N.T.S.

NEXTracker
A Flex Company
NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

SITE ID:
001035

SHEET TITLE:
**TORQ. TUBE PLAN
BLOCK - 04**

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

S-304

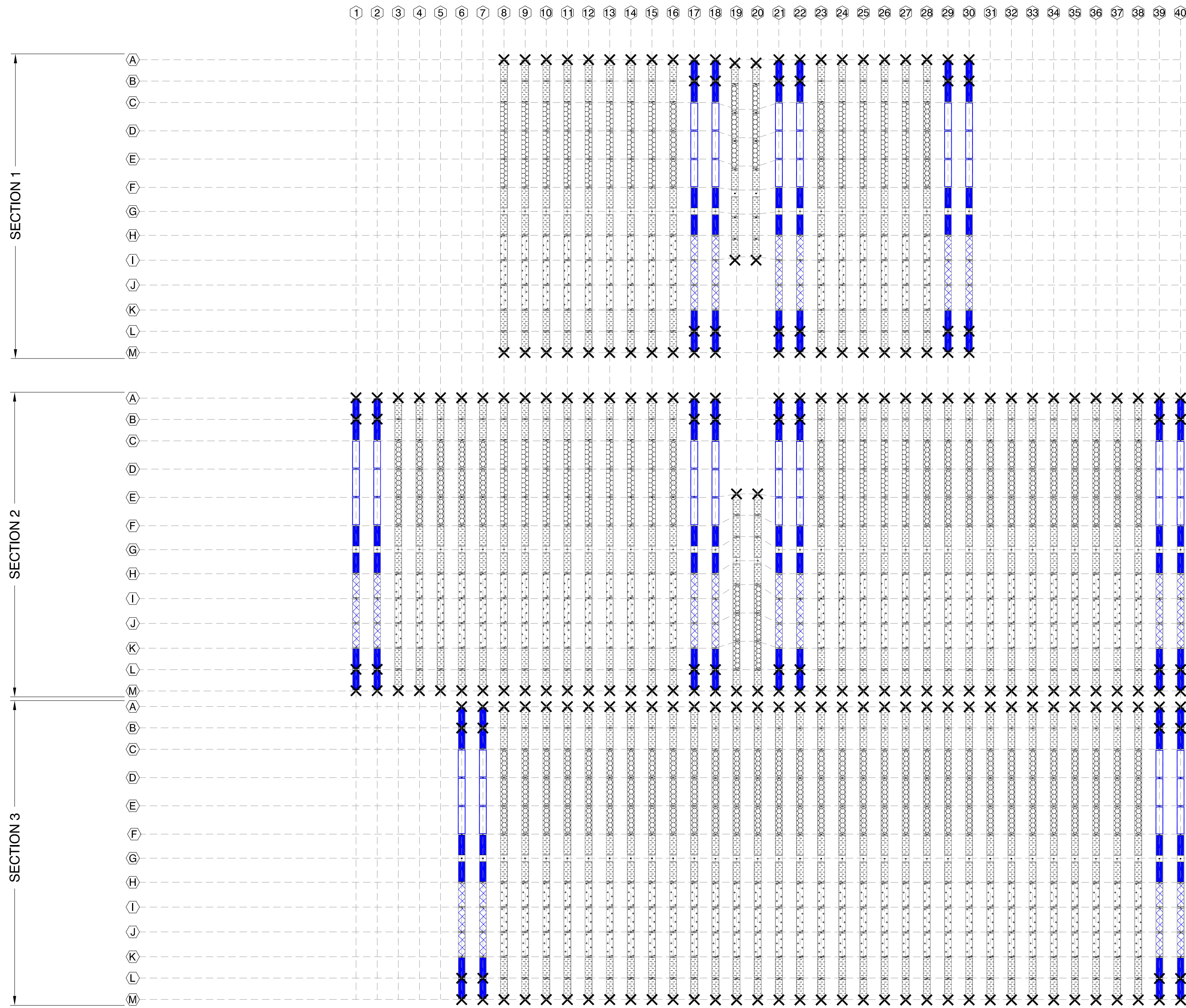
IF DIMS IS NOT ONE INCH,
PRINT IS NOT TO SCALE

TORQUE TUBE LEGEND

HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

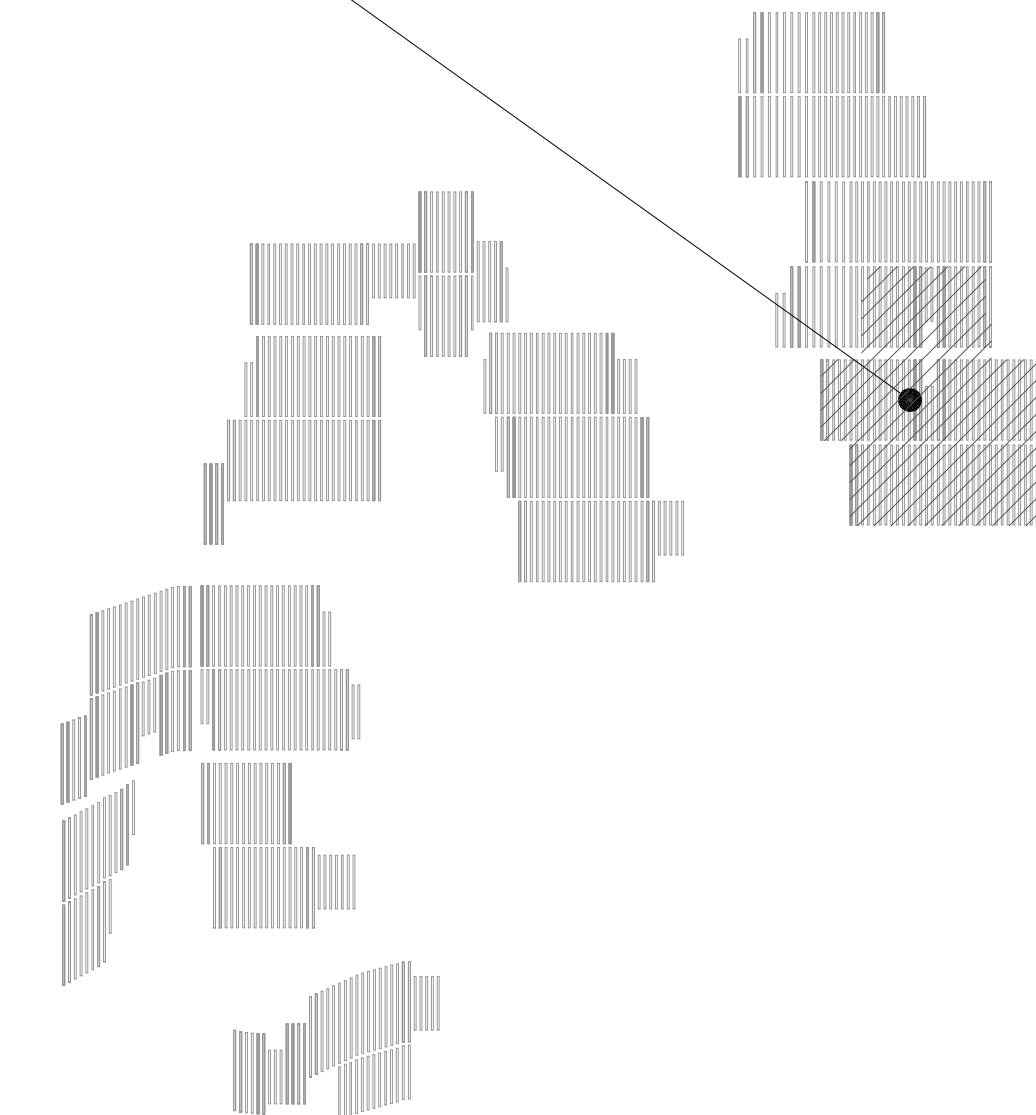
DAMPER LEGEND

SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	DETAIL 4



TORQ. TUBE PLAN
 SCALE: 1" = 75'-0"

BLOCK 05,
THIS SHEET



SITE KEY
 SCALE: N.T.S.

NEXTracker™
 A Flex Company
 NEXTracker Inc.
 6200 Paseo Padre Parkway
 Fremont, CA 94555
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CS ENERGY
NORTH STONINGTON
 CT, NORTH AMERICA
 US

PROJECT NUMBER:

510063

SITE ID:

001035

SHEET TITLE:

**TORQ. TUBE PLAN
BLOCK - 05**

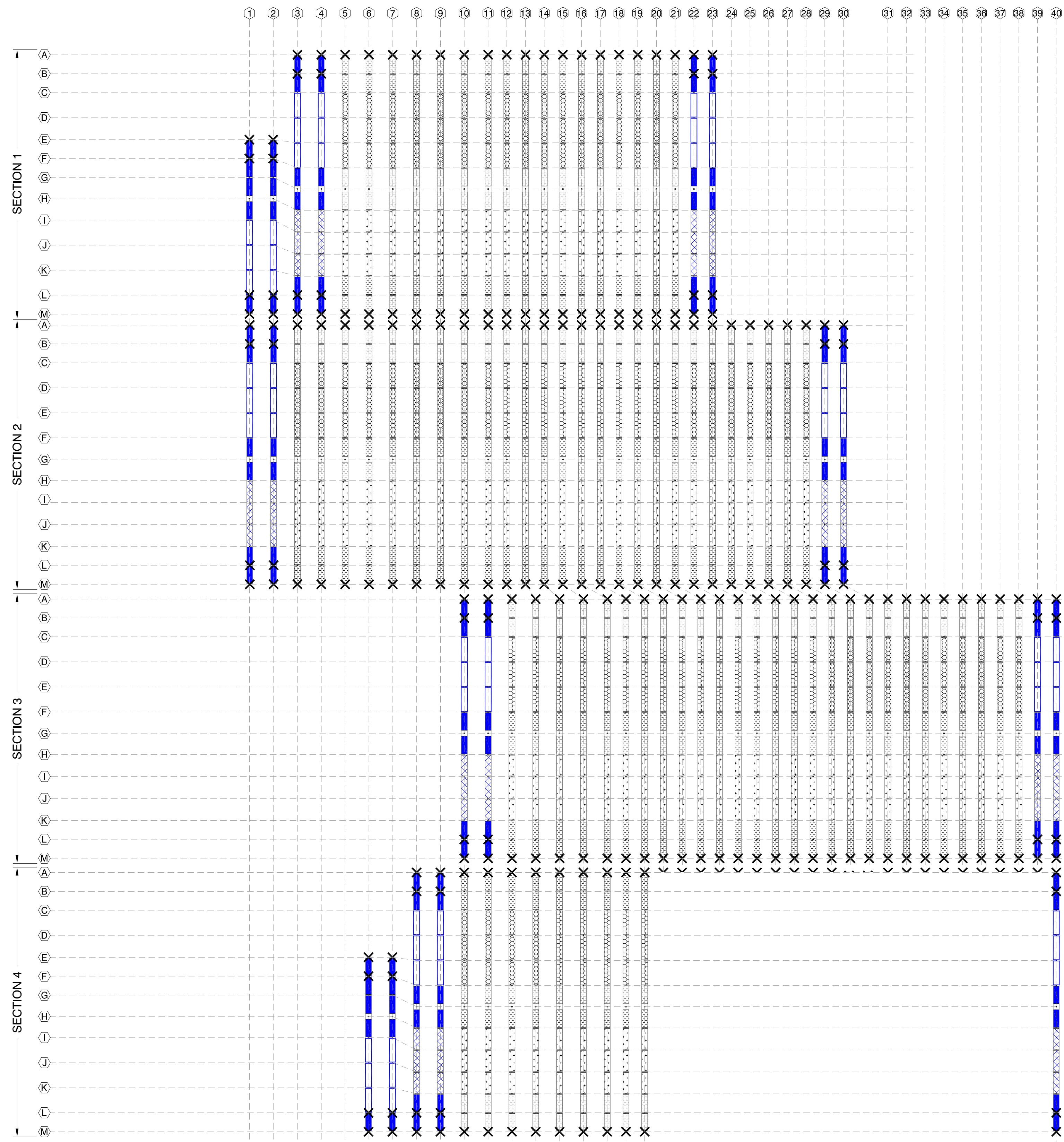
NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

S-305

IF DIMS IS NOT ONE INCH, PRINT IS NOT TO SCALE



1 TORQ. TUBE PLAN
SCALE: 1" = 75'-0"

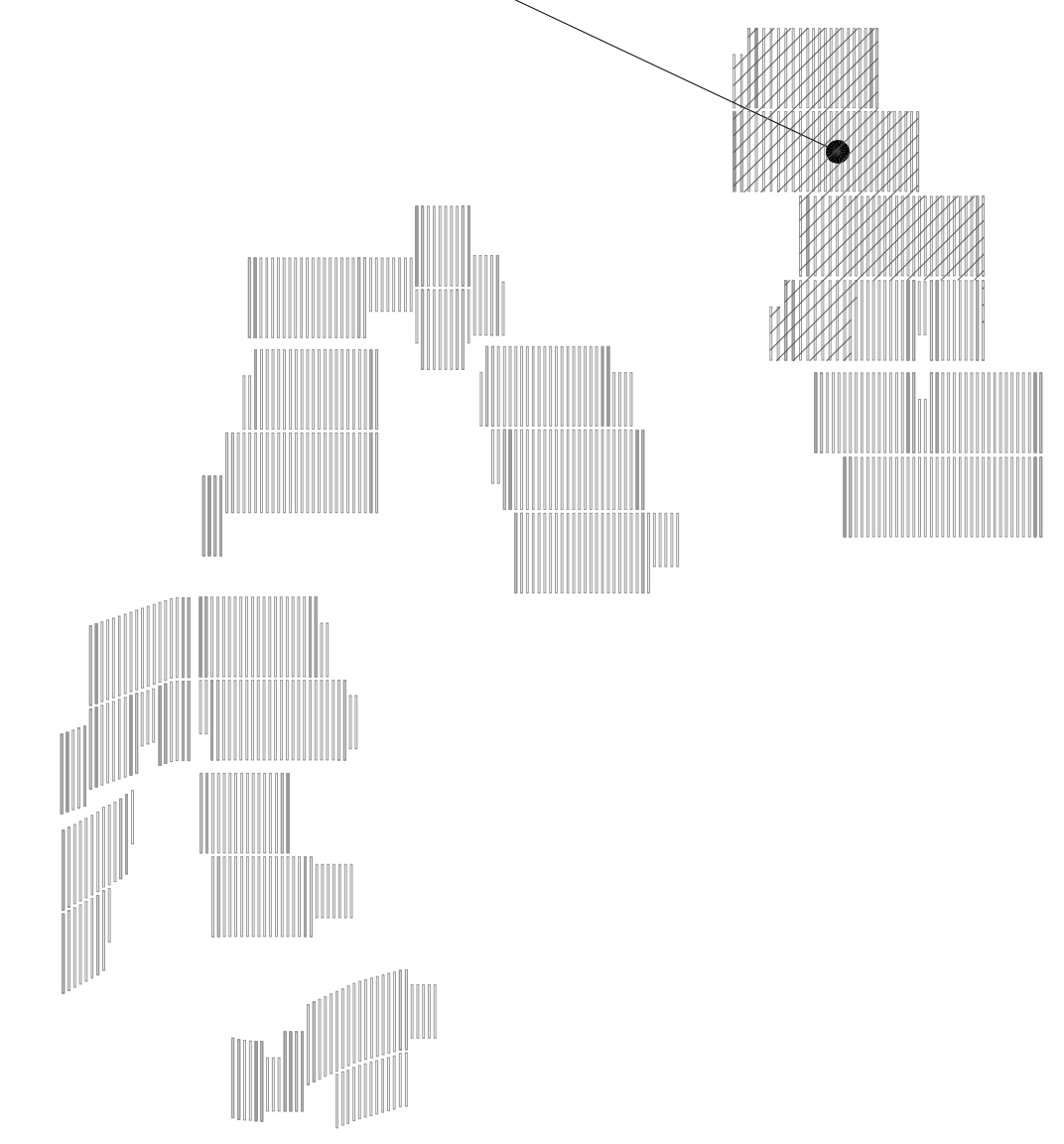
TORQUE TUBE LEGEND

HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND

SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	DETAIL 4

BLOCK 06, THIS SHEET



2 SITE KEY
SCALE: N.T.S.

NEXTracker
A Flex Company

NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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SEAL

STRUCTUROLOGY
CONSULTING STRUCTURAL ENGINEERS

THESE PLANS HAVE BEEN PREPARED BY OTHERS AND SEALED BY STRUCTUROLOGY LLC FOR CONFORMANCE OF STRUCTURAL ITEMS ONLY.

CS ENERGY
NORTH STONINGTON

CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

SITE ID:
001035

SHEET TITLE:
**TORQ. TUBE PLAN
BLOCK - 06**

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
2			
3			
4			
5			
6			
7			
8			

SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

S-306

IF DIMS IS NOT ONE INCH, PRINT IS NOT TO SCALE

SEAL



STRUCTUROLOGY
CONSULTING STRUCTURAL ENGINEERS

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CS ENERGY
NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063
SITE ID:
001035

SHEET TITLE:
81 MODULE EXT TRACKER

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
2			
3			
4			
5			
6			
7			
8			

SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

SHEET NO.:
S-401
IF BAR IS NOT ONE INCH, PRINT IS NOT TO SCALE

PIER LEGEND

SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
	HIGH SLOPE TRACKER

TORQUE TUBE LEGEND

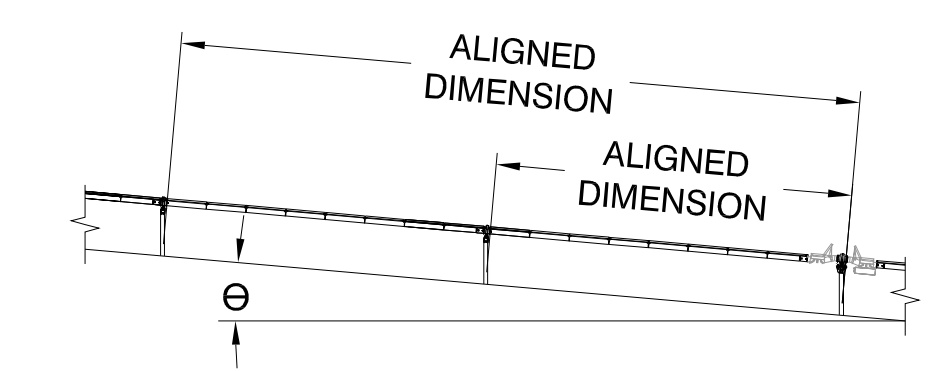
HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND

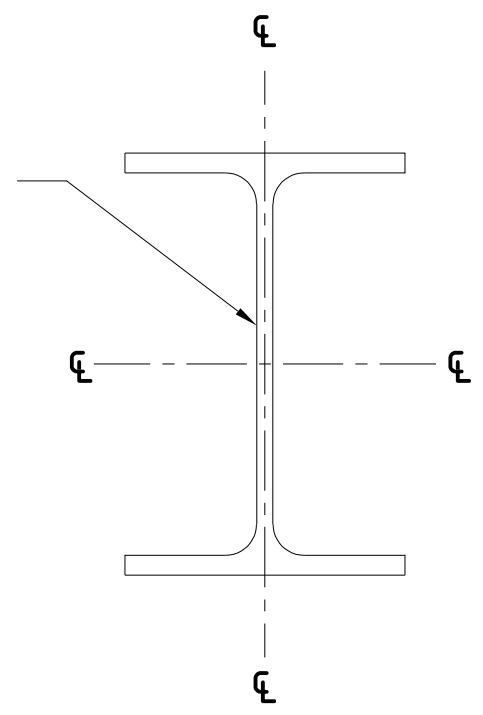
SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	S-601 DETAIL 4

NOTE :

- 1) DETAILS ON THIS SHEET APPLY TO TRACKERS INDICATED ON THE SHEET TITLE ONLY. PIER PLAN INDICATES TRACKER LOCATIONS.
- 2) DETAILS 5-8 ARE TYPICAL AND APPLY TO ALL APPLICABLE LOCATIONS ON TRACKER.
- 3) PIER DISTANCES APPLY TO CENTER OF WEB, SEE DETAIL 9 FOR CENTER OF WEB LOCATION.
- 4) NEXTRACKER RECOMMENDS TO RUN A STRING LINE ON SLOPES >3% IN EFFORTS TO ENSURE PROPER PIER PLACEMENT



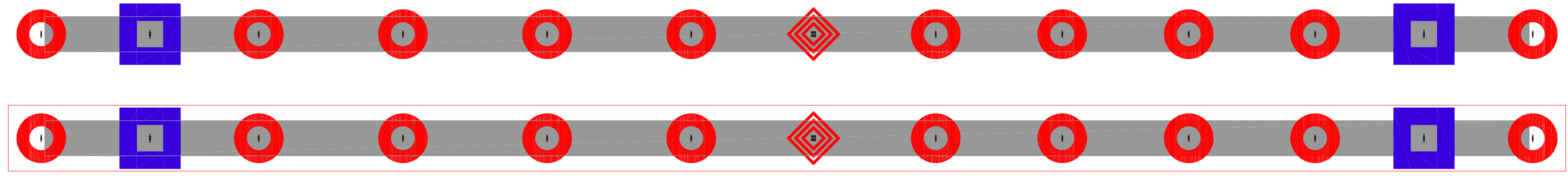
S-30X, DETAIL 3 DIMENSIONS FOR BAY AND TRACKER LENGTHS ARE TAKEN FROM CENTER OF BEAMS. SEE FOUNDATION DRAWING FOR IDENTIFICATION OF PIER TYPES.



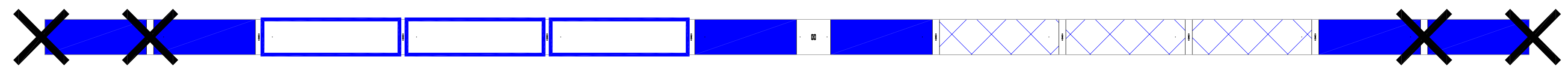
NOTE : FOR ALL EXTERIOR ROWS, WASHERS MUST BE ADDED BETWEEN HEAD OF M12 PIN AND BHA HOOP.

HEAVY BEARING HOUSING ASSEMBLY CAN BE IDENTIFIED BY THE FIVE TOGGLES

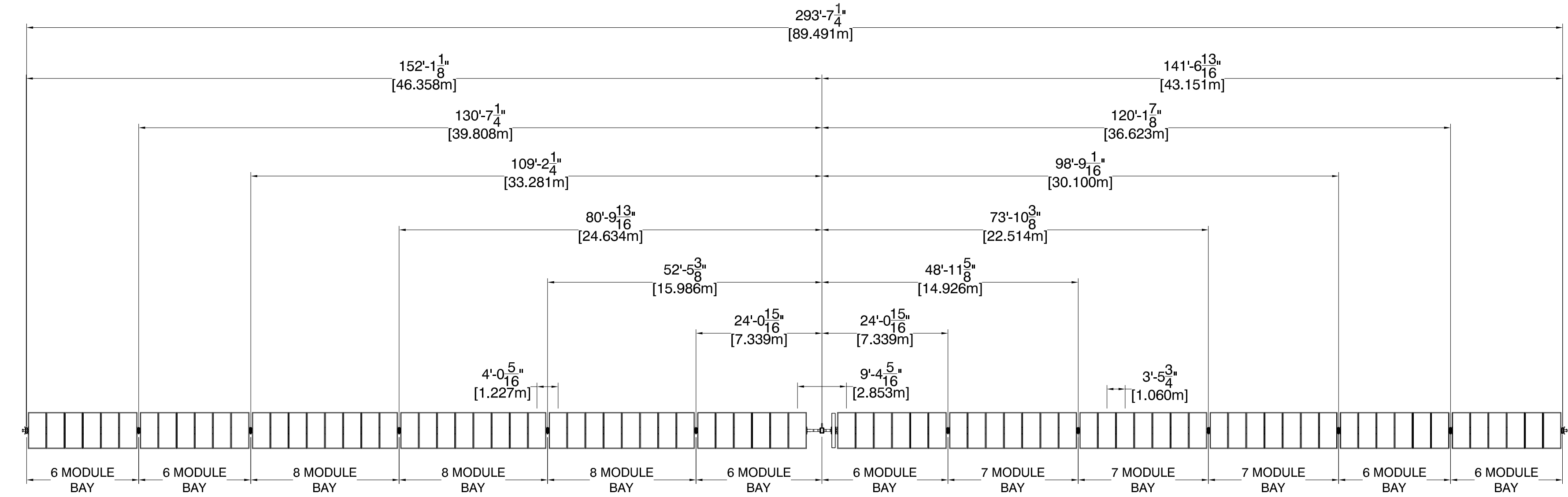
9 CENTER OF WEB
SCALE: N.T.S.



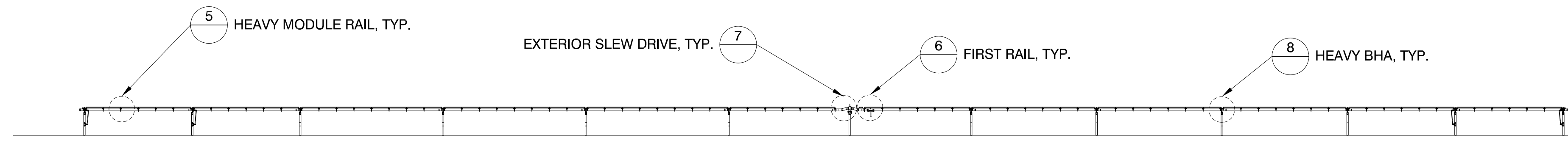
1 PIER PLAN
SCALE: N.T.S.



2 TORQUE TUBE AND DAMPER PLAN
SCALE: N.T.S.



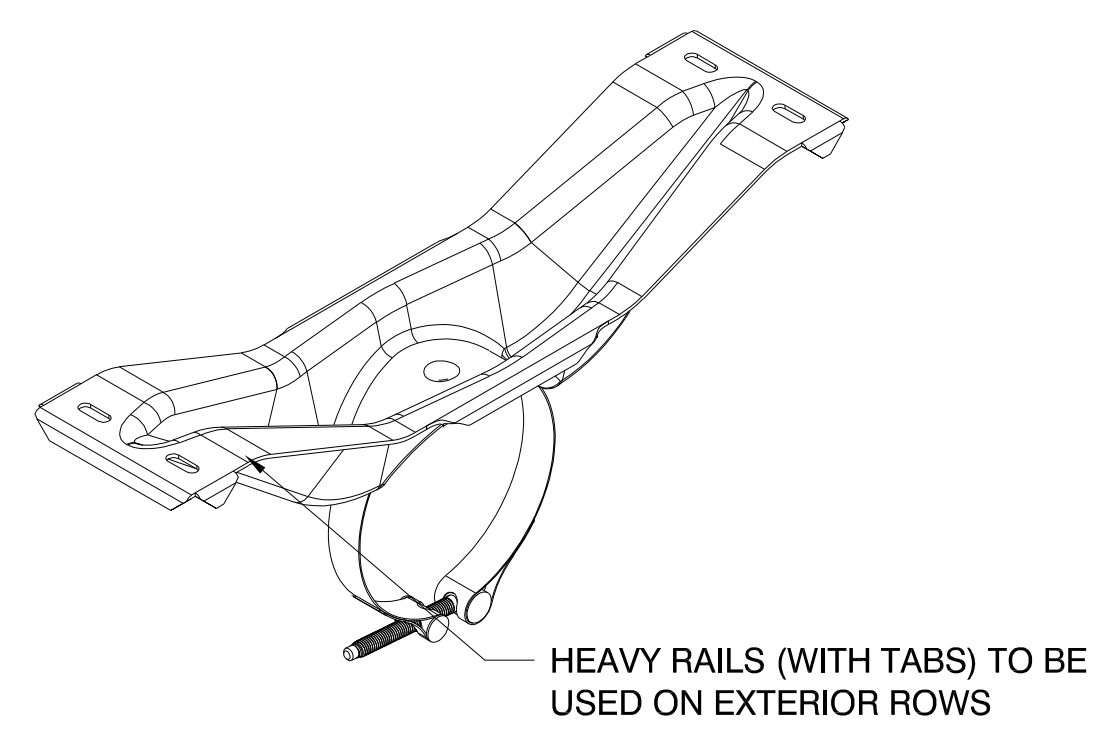
3 PIER SPACING
SCALE: N.T.S.



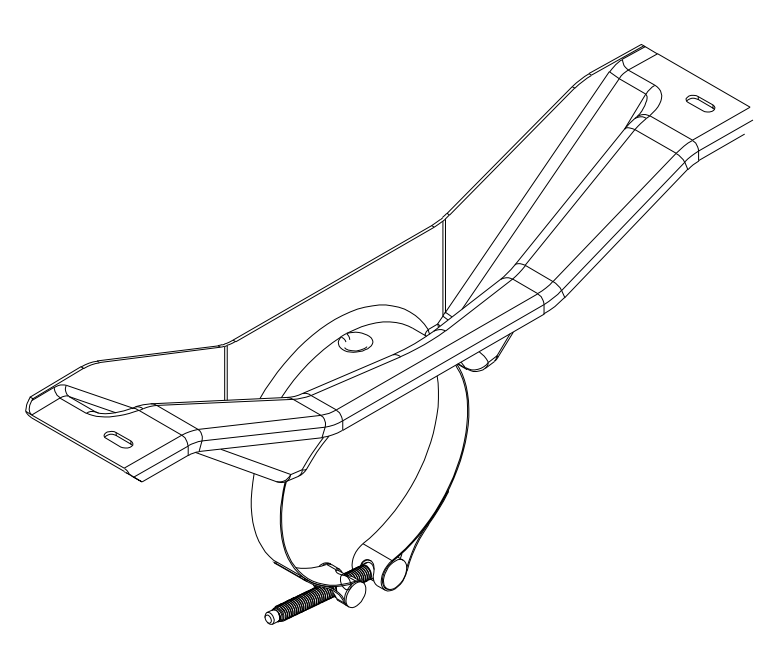
4 TRACKER ELEVATION
SCALE: N.T.S.

NOTE : EXTERIOR SLEW GEAR MOUNT VISUAL IDENTIFIER: CURVED RIBBING.

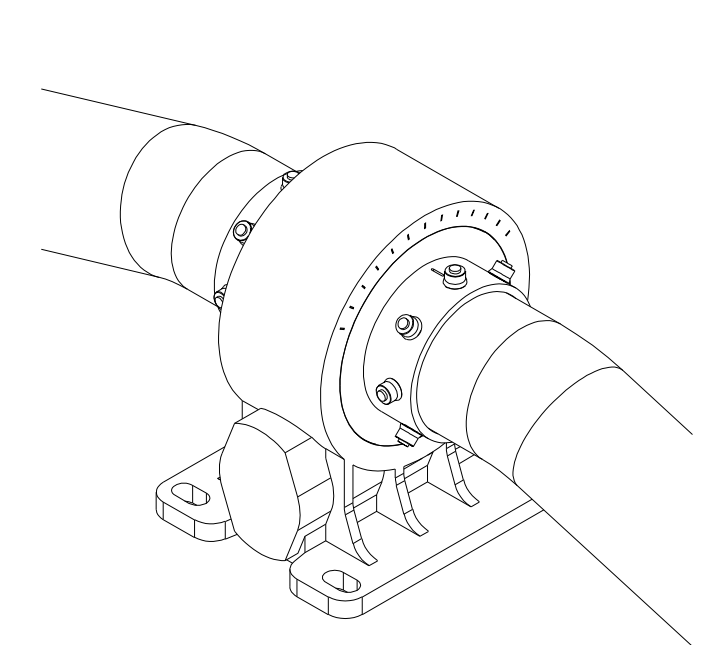
NOTE : EXTERIOR SLEW DRIVE VISUAL IDENTIFIER: TORQUE TUBE ADAPTOR IS INSIDE THE SLEW COLLAR.



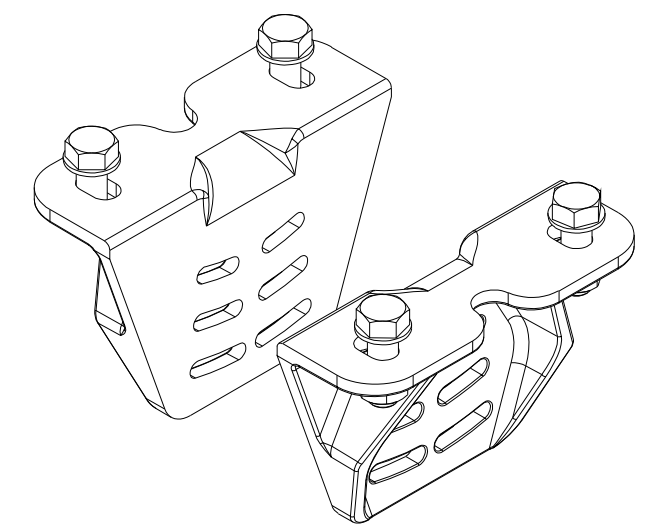
5 HEAVY MODULE RAIL, TYP.
SCALE: N.T.S.



6 FIRST RAIL, TYP.
SCALE: N.T.S.



7 EXTERIOR SLEW DRIVE, TYP.
SCALE: N.T.S.



8 HEAVY BHA, TYP.
SCALE: N.T.S.

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
2			
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8			

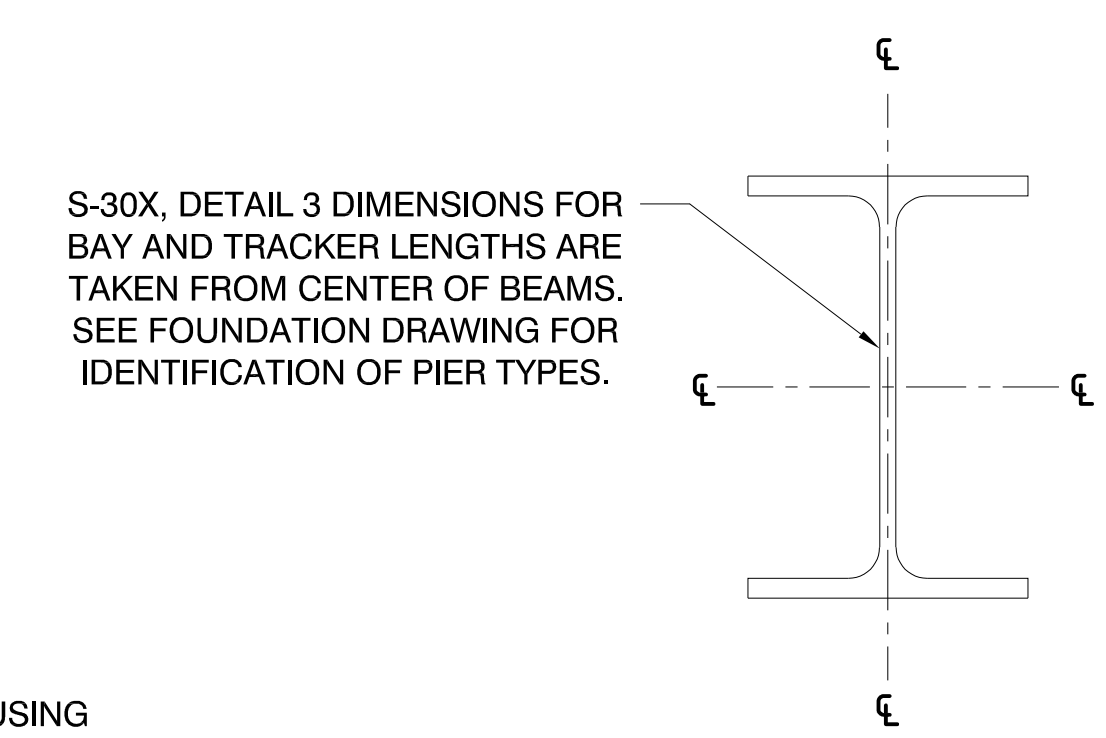
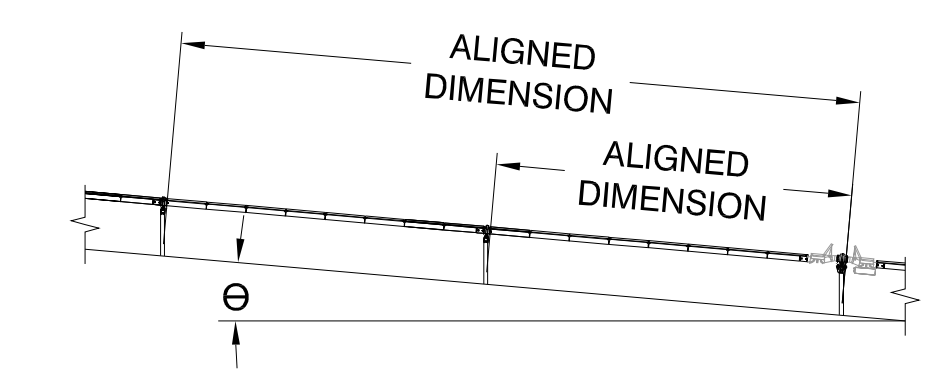
SITE DETAILS	
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE
SHEET NO.:	

PIER LEGEND	
SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
	HIGH SLOPE TRACKER

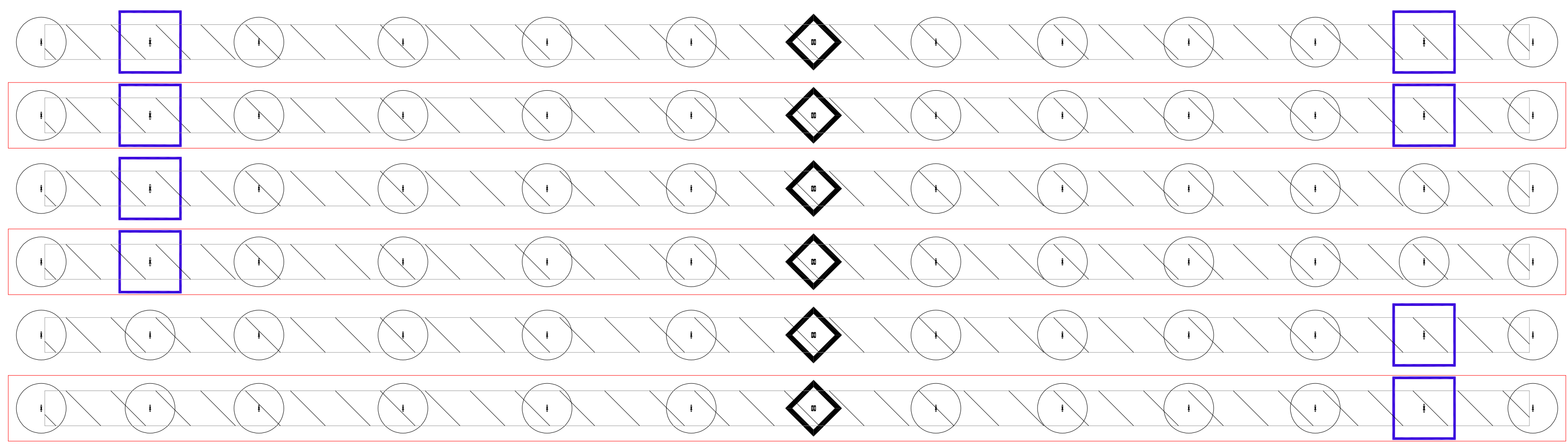
TORQUE TUBE LEGEND			
HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020		9.14m 3mm 60ksi
	43133	GALV	8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND		
SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	S-601 DETAIL 4

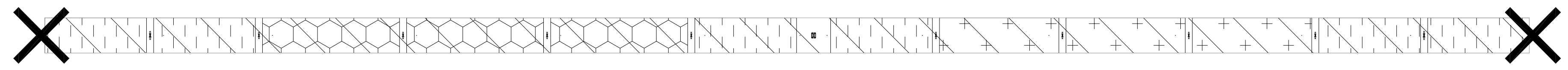
- NOTE:
- 1) DETAILS ON THIS SHEET APPLY TO TRACKERS INDICATED ON THE SHEET TITLE ONLY. PIER PLAN INDICATES TRACKER LOCATIONS.
 - 2) DETAILS 5-8 ARE TYPICAL AND APPLY TO ALL APPLICABLE LOCATIONS ON TRACKER.
 - 3) PIER DISTANCES APPLY TO CENTER OF WEB, SEE DETAIL 9 FOR CENTER OF WEB LOCATION.
 - 4) NEXTRACKER RECOMMENDS TO RUN A STRING LINE ON SLOPES >3% IN EFFORTS TO ENSURE PROPER PIER PLACEMENT



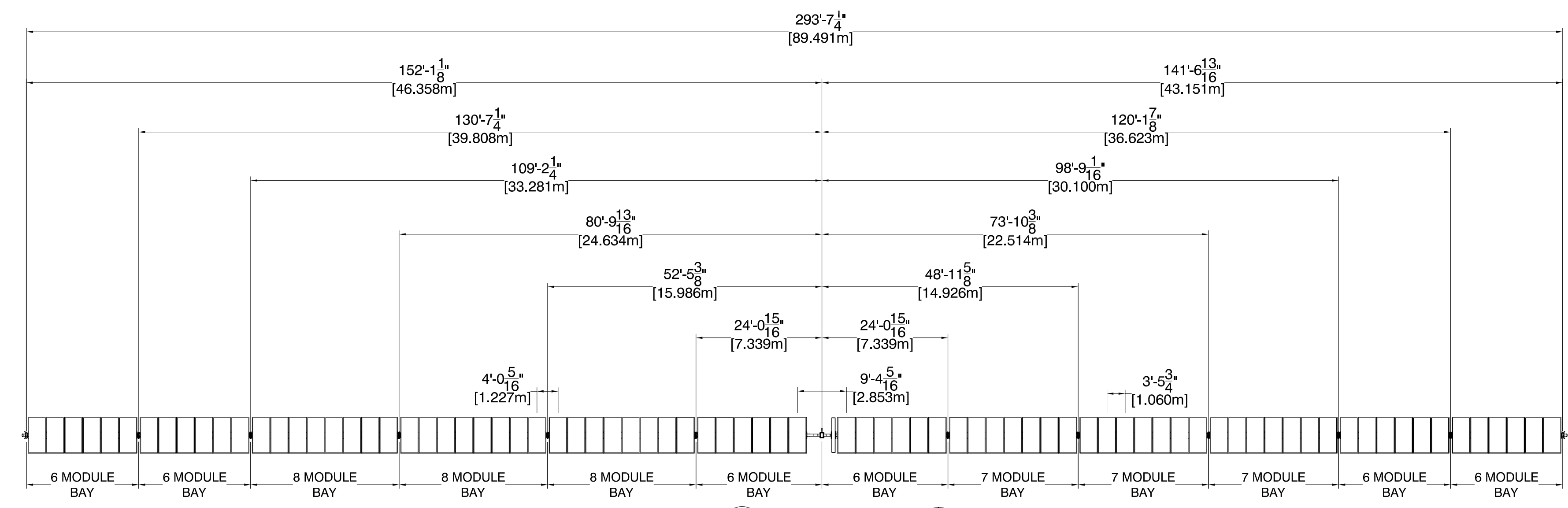
9 CENTER OF WEB
SCALE: N.T.S.



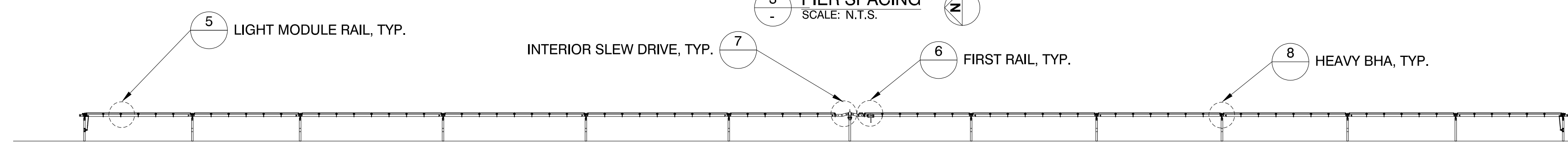
1 PIER PLAN
SCALE: N.T.S.



2 TORQUE TUBE AND DAMPER PLAN
SCALE: N.T.S.

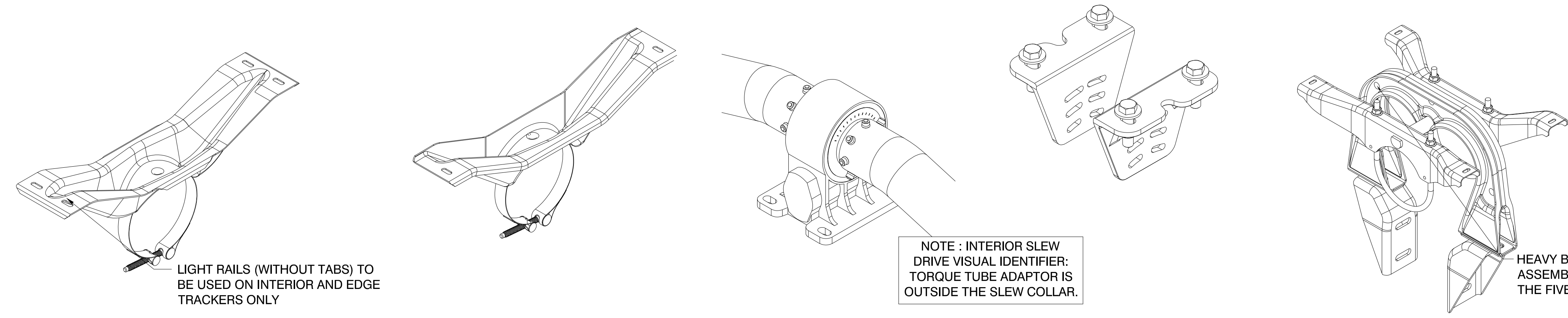


3 PIER SPACING
SCALE: N.T.S.



4 TRACKER ELEVATION
SCALE: N.T.S.

NOTE: INTERIOR SLEW DRIVE GEAR MOUNT VISUAL IDENTIFIER: STRAIGHT EDGES.



5 LIGHT MODULE RAIL, TYP.
SCALE: N.T.S.

6 FIRST RAIL, TYP.
SCALE: N.T.S.

7 INTERIOR SLEW DRIVE, TYP.
SCALE: N.T.S.

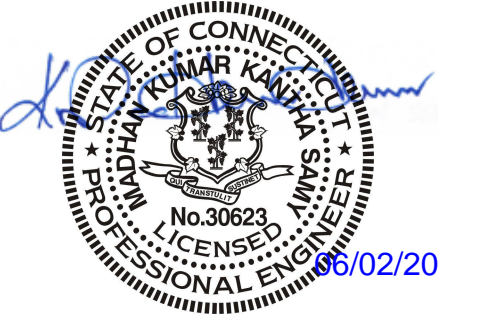
8 HEAVY BHA, TYP.
SCALE: N.T.S.

NOTE: INTERIOR SLEW DRIVE VISUAL IDENTIFIER: TORQUE TUBE ADAPTOR IS OUTSIDE THE SLEW COLLAR.

HEAVY BEARING HOUSING ASSEMBLY CAN BE IDENTIFIED BY THE FIVE TOGGLES

S-30X, DETAIL 3 DIMENSIONS FOR BAY AND TRACKER LENGTHS ARE TAKEN FROM CENTER OF BEAMS. SEE FOUNDATION DRAWING FOR IDENTIFICATION OF PIER TYPES.

SEAL



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CS ENERGY
NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063
SITE ID:
001035

SHEET TITLE:
81 MODULE INT TRACKER

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
2			
3			
4			
5			
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8			

SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

S-403

IF BAR IS NOT ONE INCH
PRINT IS NOT TO SCALE

PIER LEGEND

SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
	HIGH SLOPE TRACKER

TORQUE TUBE LEGEND

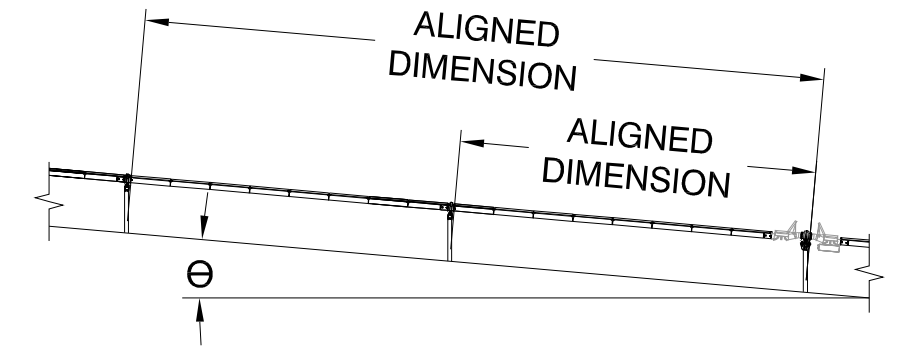
HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020		9.14m 3mm 60ksi
	43133	GALV	8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND

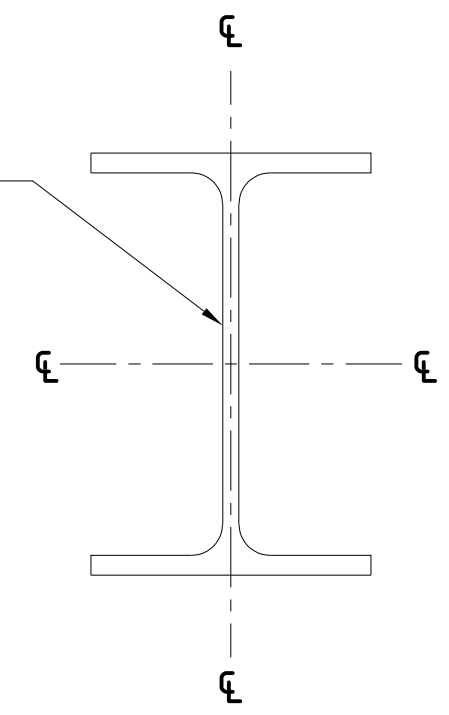
SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	S-601 DETAIL 4

NOTE :

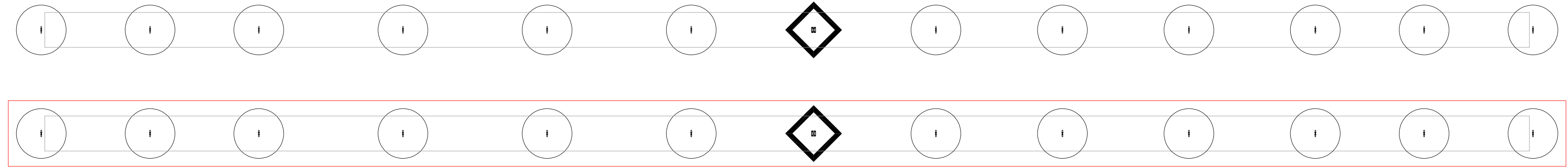
- 1) DETAILS ON THIS SHEET APPLY TO TRACKERS INDICATED ON THE SHEET TITLE ONLY. PIER PLAN INDICATES TRACKER LOCATIONS.
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- 3) PIER DISTANCES APPLY TO CENTER OF WEB, SEE DETAIL 9 FOR CENTER OF WEB LOCATION.
- 4) NEXTRACKER RECOMMENDS TO RUN A STRING LINE ON SLOPES >3% IN EFFORTS TO ENSURE PROPER PIER PLACEMENT



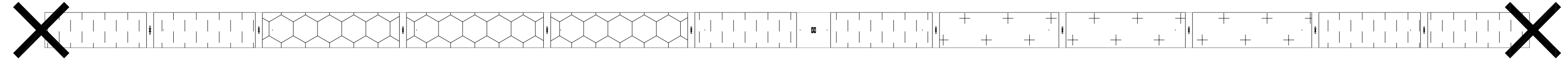
S-30X, DETAIL 3 DIMENSIONS FOR BAY AND TRACKER LENGTHS ARE TAKEN FROM CENTER OF BEAMS. SEE FOUNDATION DRAWING FOR IDENTIFICATION OF PIER TYPES.



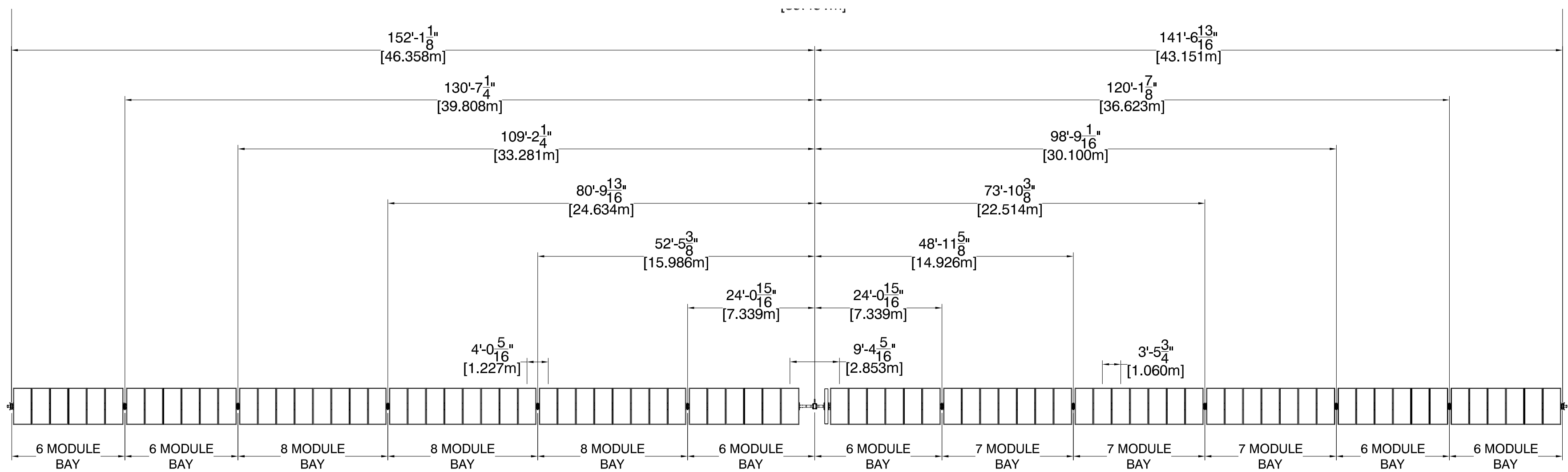
9 CENTER OF WEB
SCALE: N.T.S.



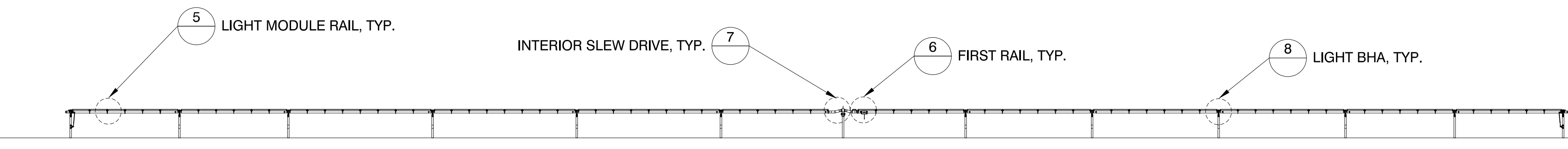
1 PIER PLAN
SCALE: N.T.S.



2 TORQUE TUBE AND DAMPER PLAN
SCALE: N.T.S.

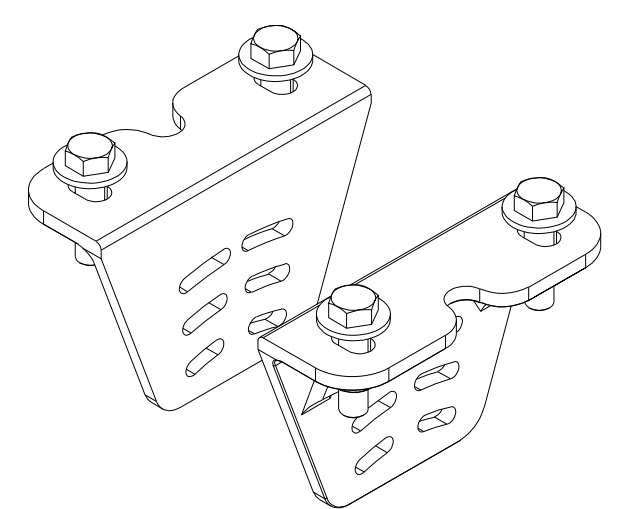


3 PIER SPACING
SCALE: N.T.S.

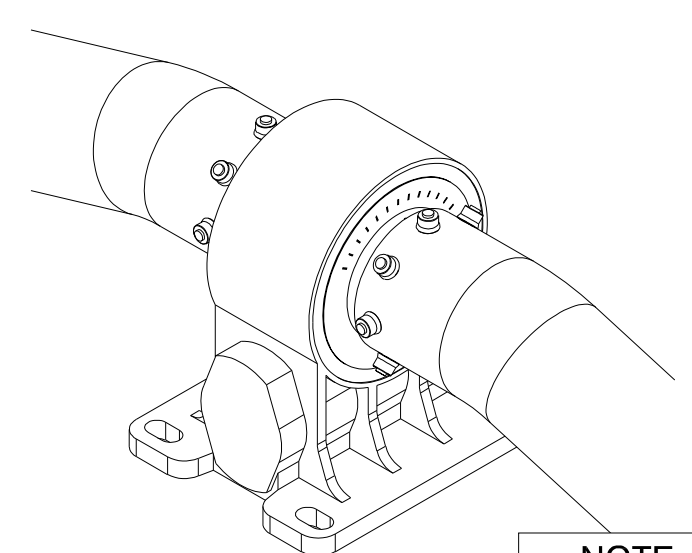


4 TRACKER ELEVATION
SCALE: N.T.S.

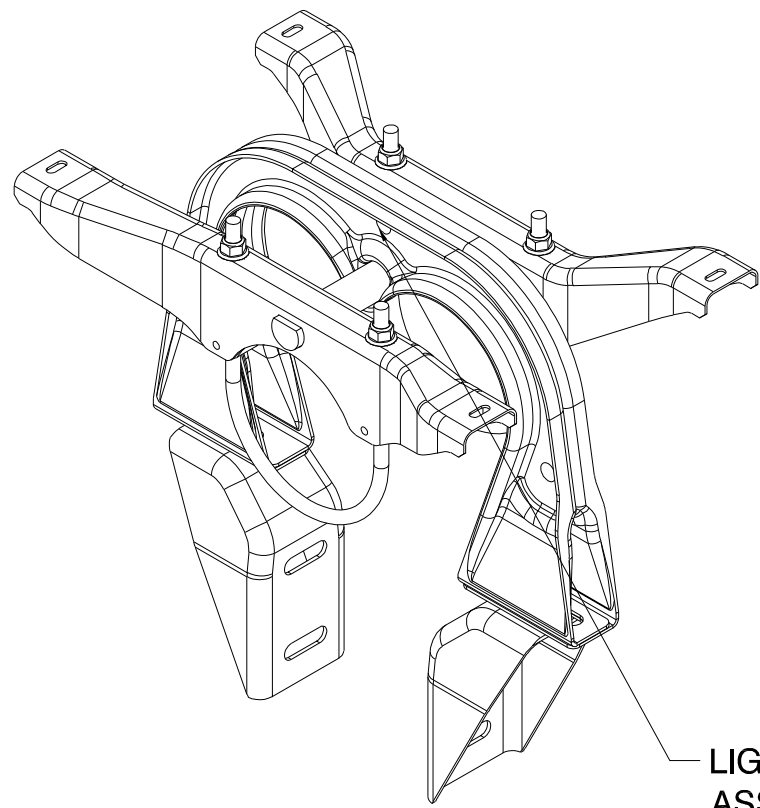
NOTE : INTERIOR SLEW GEAR MOUNT VISUAL IDENTIFIER: STRAIGHT EDGES.



NOTE : INTERIOR SLEW DRIVE VISUAL IDENTIFIER: TORQUE TUBE ADAPTOR IS OUTSIDE THE SLEW COLLAR.

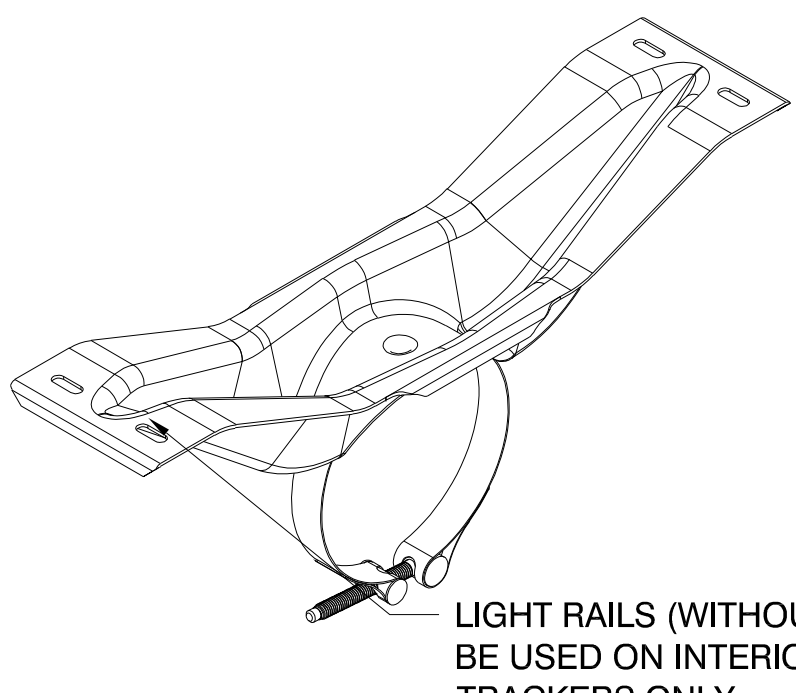


7 INTERIOR SLEW DRIVE, TYP.
SCALE: N.T.S.



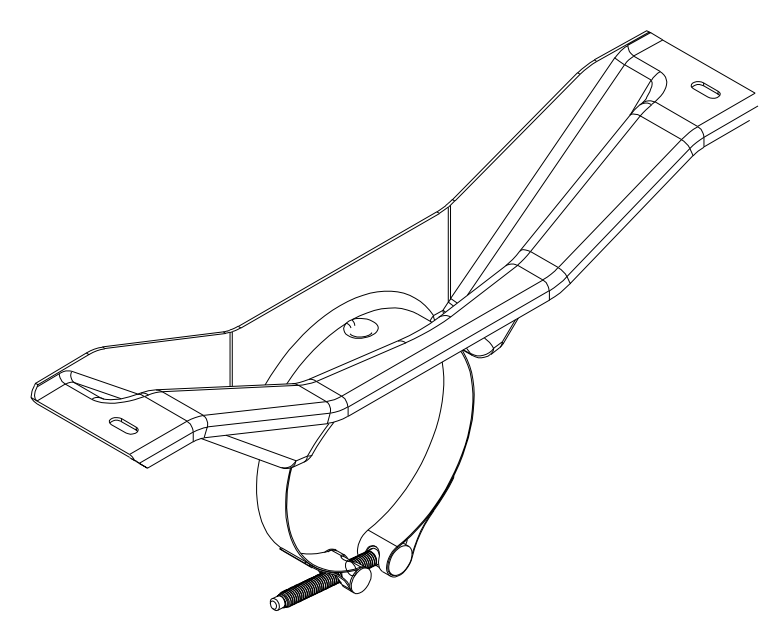
LIGHT BEARING HOUSING ASSEMBLY CAN BE IDENTIFIED BY THE THREE TOGGLES

8 LIGHT BHA, TYP.
SCALE: N.T.S.

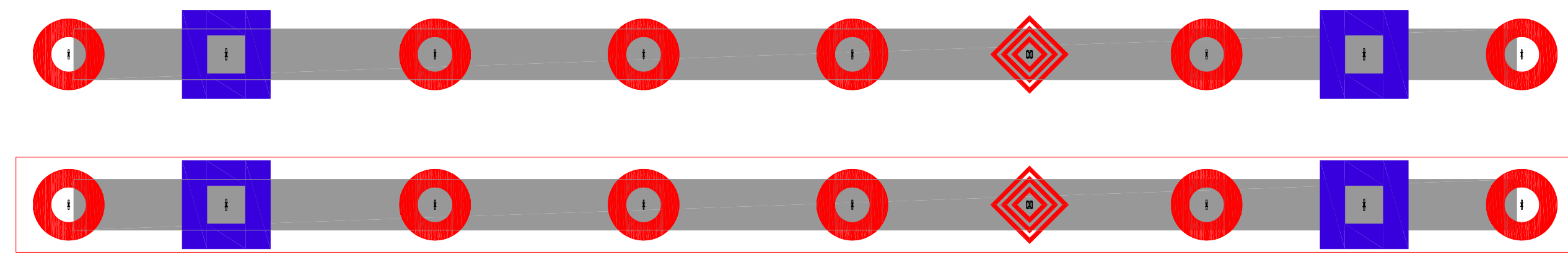


LIGHT RAILS (WITHOUT TABS) TO BE USED ON INTERIOR AND EDGE TRACKERS ONLY

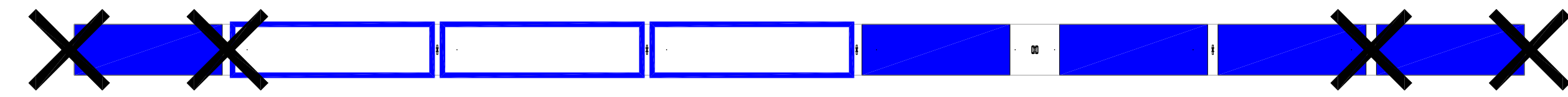
5 LIGHT MODULE RAIL, TYP.
SCALE: N.T.S.



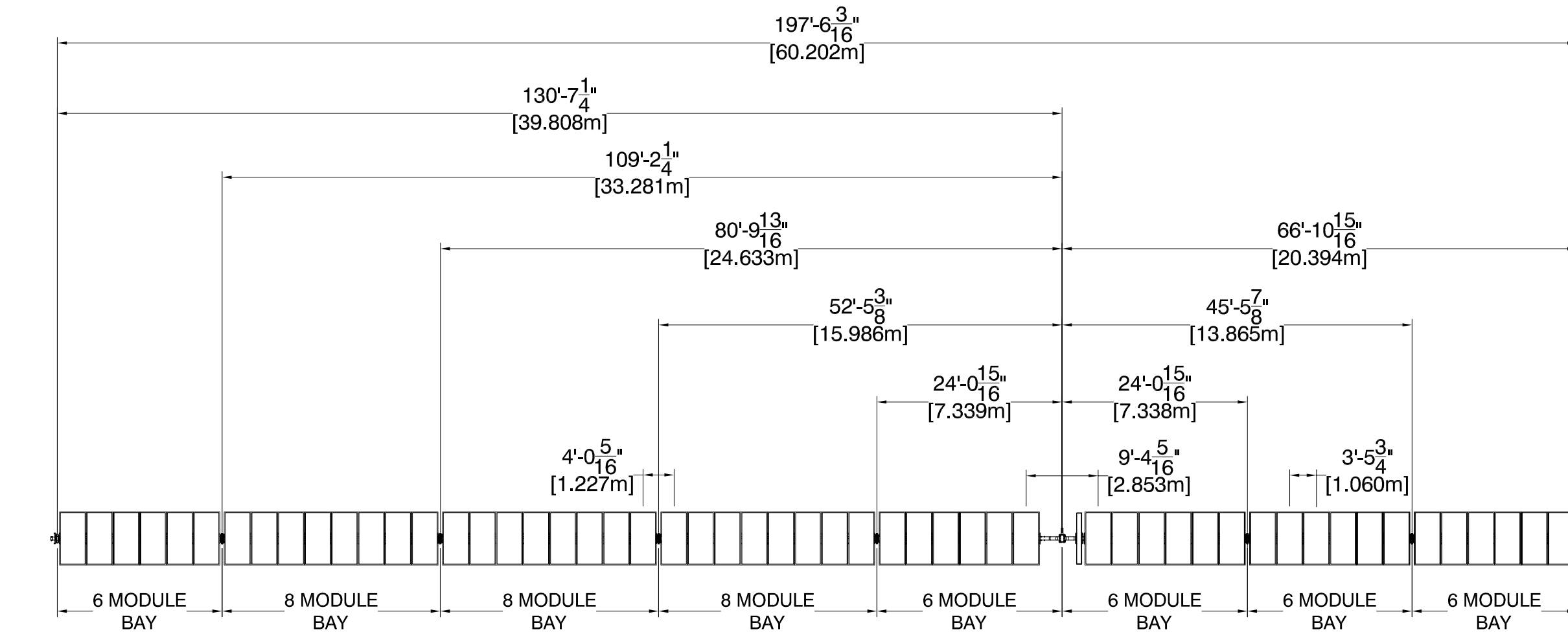
6 FIRST RAIL, TYP.
SCALE: N.T.S.



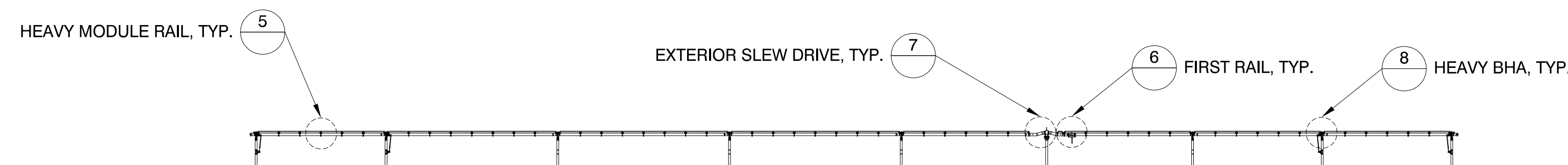
1 PIER PLAN
SCALE: N.T.S.



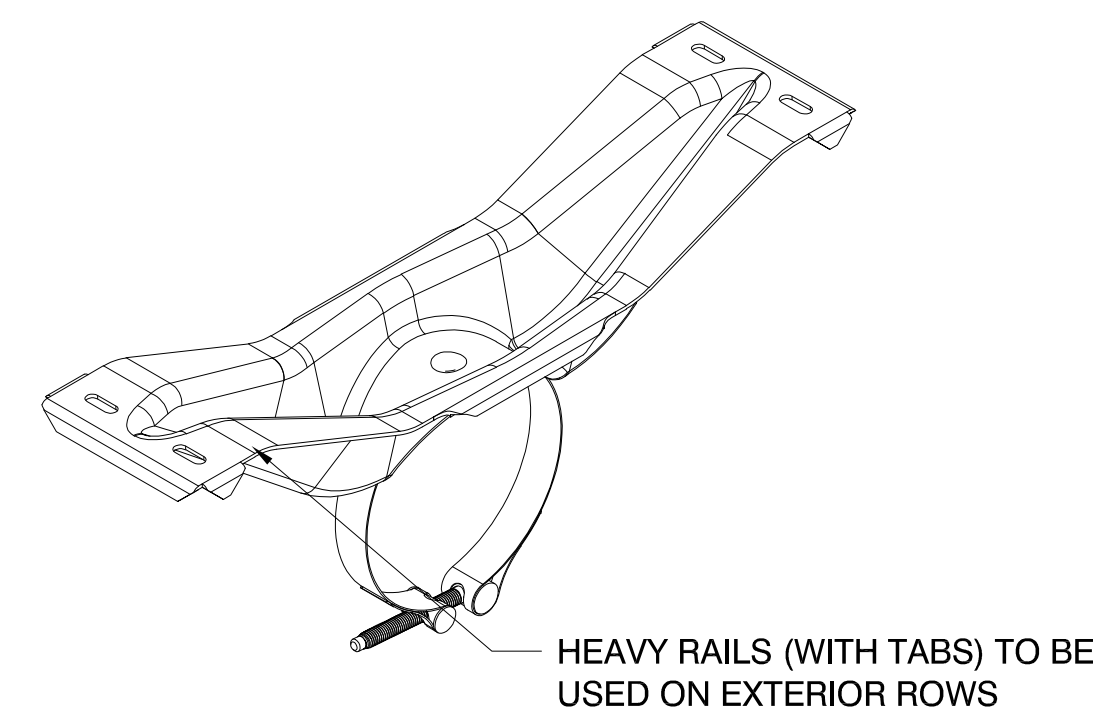
2 TORQUE TUBE AND DAMPER PLAN
SCALE: N.T.S.



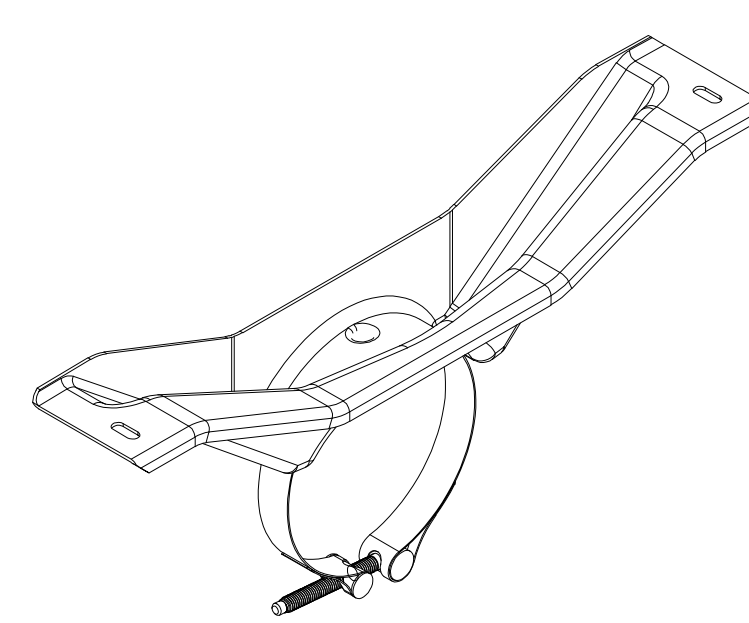
3 PIER SPACING
SCALE: N.T.S.



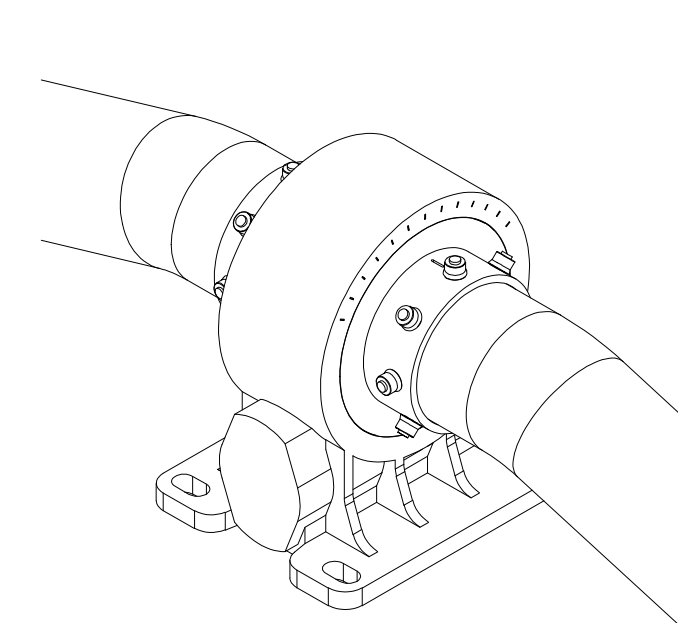
4 TRACKER ELEVATION
SCALE: N.T.S.



5 HEAVY MODULE RAIL, TYP.
SCALE: N.T.S.

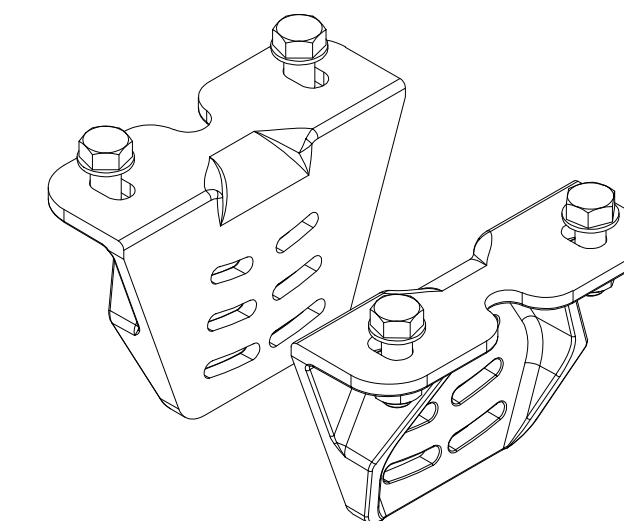


6 FIRST RAIL, TYP.
SCALE: N.T.S.

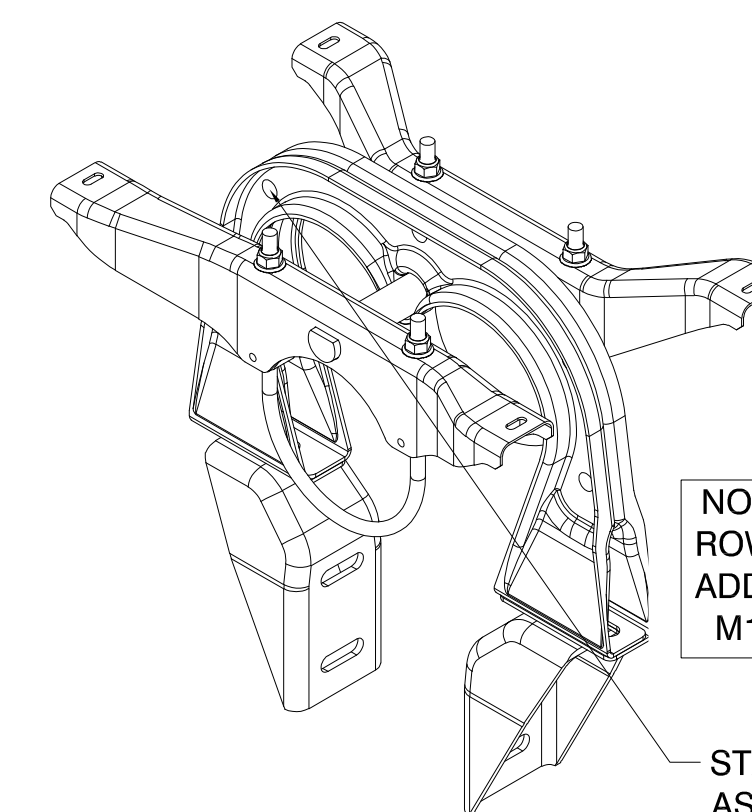


7 EXTERIOR SLEW DRIVE, TYP.
SCALE: N.T.S.

NOTE : EXTERIOR SLEW GEAR MOUNT VISUAL IDENTIFIER: CURVED RIBBING.



NOTE : EXTERIOR SLEW DRIVE VISUAL IDENTIFIER: TORQUE TUBE ADAPTOR IS INSIDE THE SLEW COLLAR.



8 HEAVY BHA, TYP.
SCALE: N.T.S.

PIER LEGEND

SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
	HIGH SLOPE TRACKER

TORQUE TUBE LEGEND

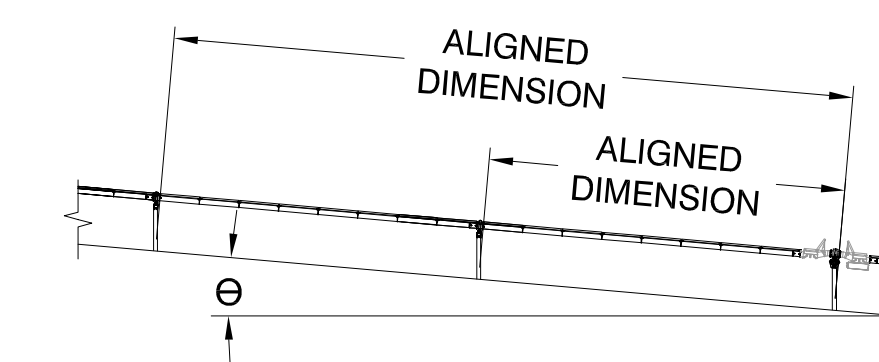
HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND

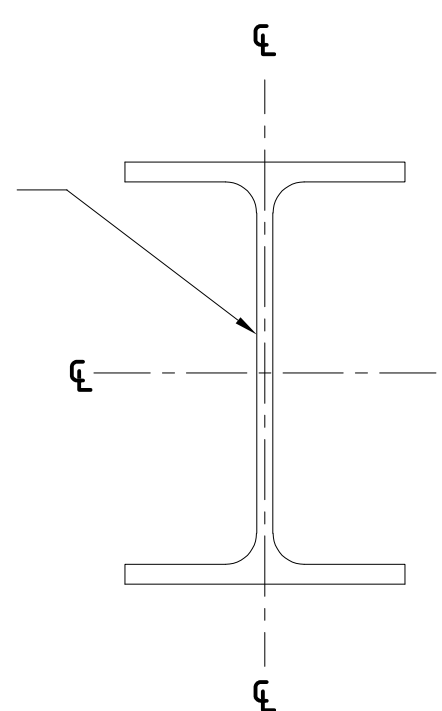
SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	S-601 DETAIL 4

NOTE :

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- 2) DETAILS 5-8 ARE TYPICAL AND APPLY TO ALL APPLICABLE LOCATIONS ON TRACKER.
- 3) PIER DISTANCES APPLY TO CENTER OF WEB, SEE DETAIL 9 FOR CENTER OF WEB LOCATION.
- 4) NEXTRACKER RECOMMENDS TO RUN A STRING LINE ON SLOPES >3% IN EFFORTS TO ENSURE PROPER PIER PLACEMENT



S-30X, DETAIL 3 DIMENSIONS FOR BAY AND TRACKER LENGTHS ARE TAKEN FROM CENTER OF BEAMS. SEE FOUNDATION DRAWING FOR IDENTIFICATION OF PIER TYPES.



9 CENTER OF WEB
SCALE: N.T.S.

SEAL



STRUCTUROLOGY

CONSULTING STRUCTURAL ENGINEERS

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CS ENERGY
NORTH STONINGTON

CT, NORTH AMERICA
US

PROJECT NUMBER:

510063

SITE ID:

001035

SHEET TITLE:

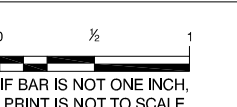
54 MODULE
EXT TRACKER

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
2			
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8			

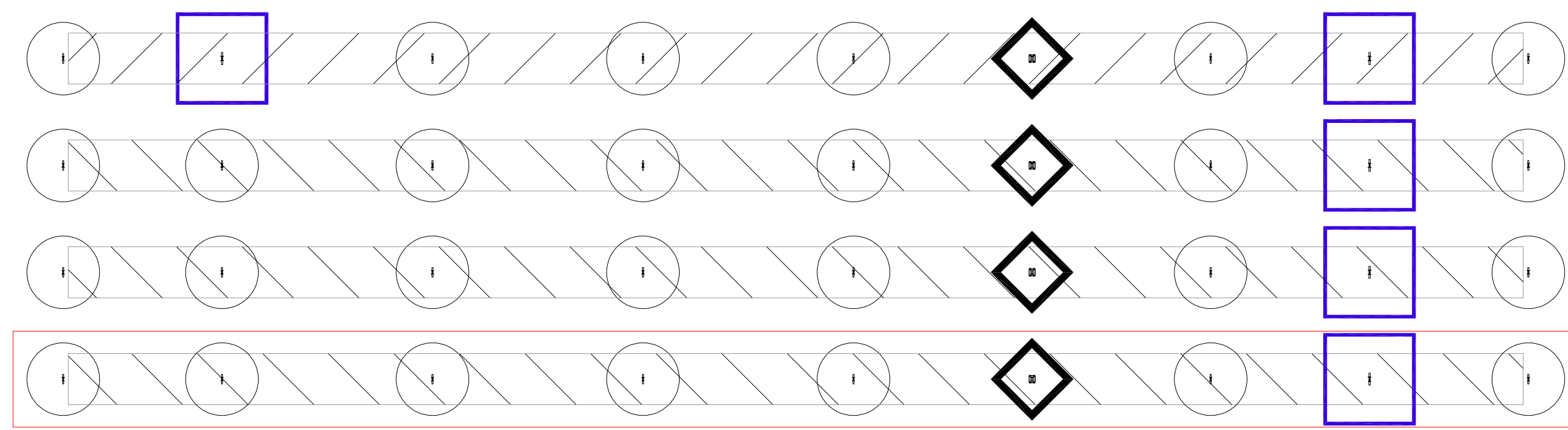
SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE
SHEET NO.:	

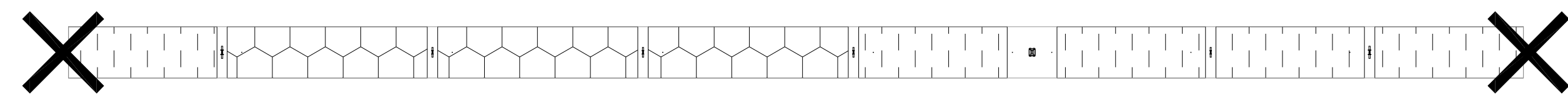
S-404



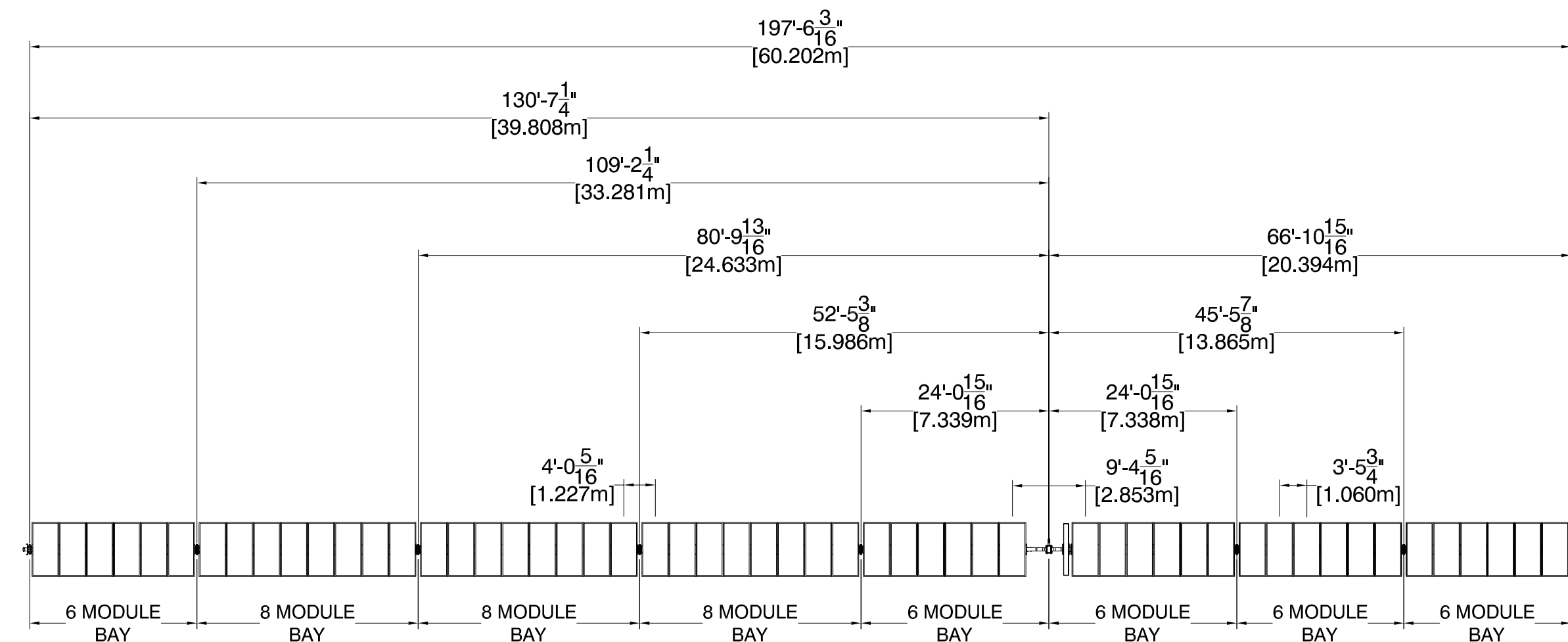
IF BAR IS NOT ONE INCH, PRINT IS NOT TO SCALE



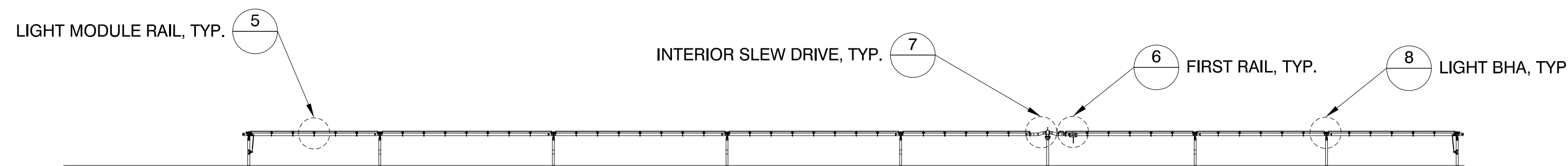
1 PIER PLAN
SCALE: N.T.S.



2 TORQUE TUBE AND DAMPER PLAN
SCALE: N.T.S.

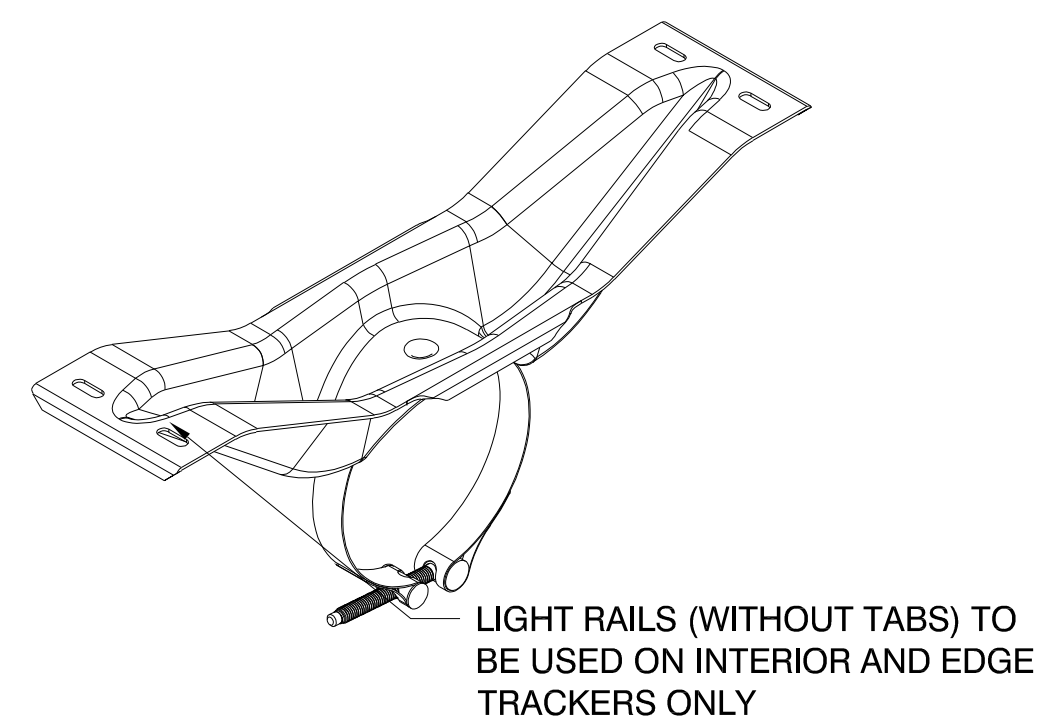


3 PIER SPACING
SCALE: N.T.S.



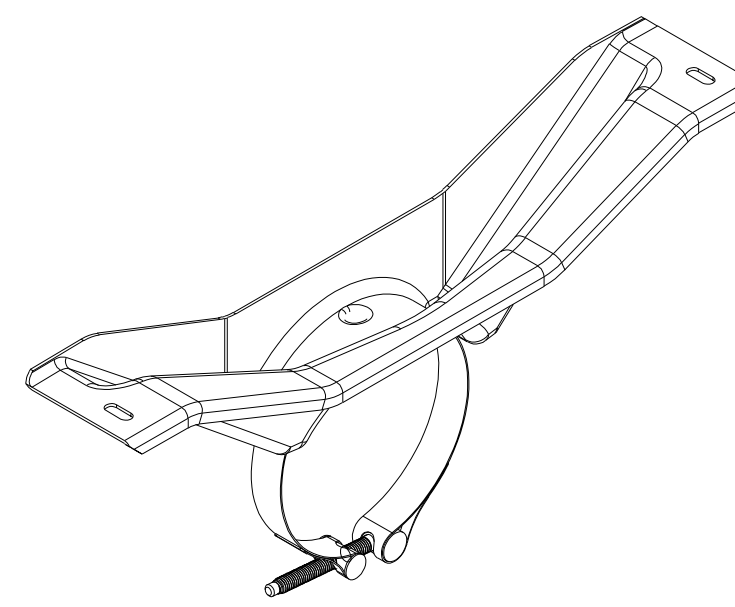
4 TRACKER ELEVATION
SCALE: N.T.S.

NOTE : INTERIOR SLEW GEAR MOUNT VISUAL IDENTIFIER: STRAIGHT EDGES.

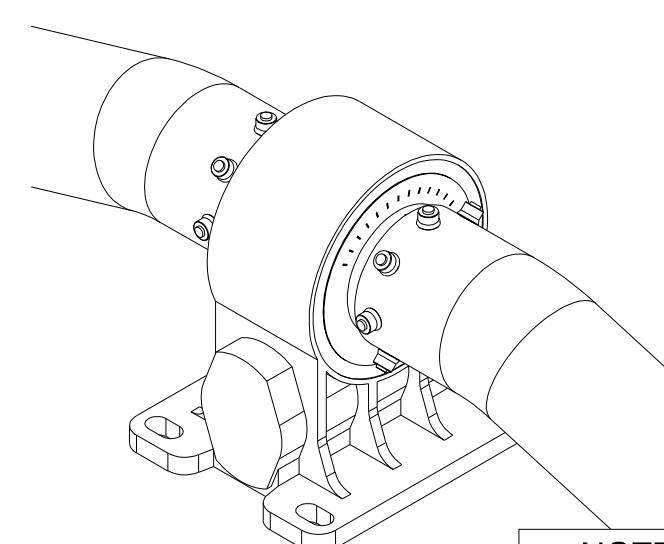


LIGHT RAILS (WITHOUT TABS) TO BE USED ON INTERIOR AND EDGE TRACKERS ONLY

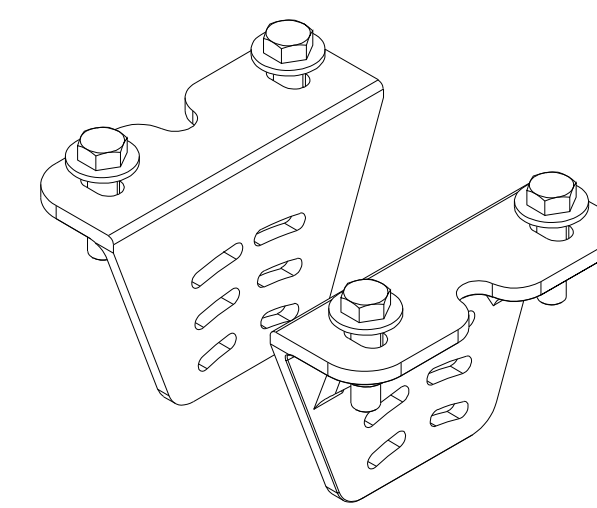
5 LIGHT MODULE RAIL, TYP.
SCALE: N.T.S.



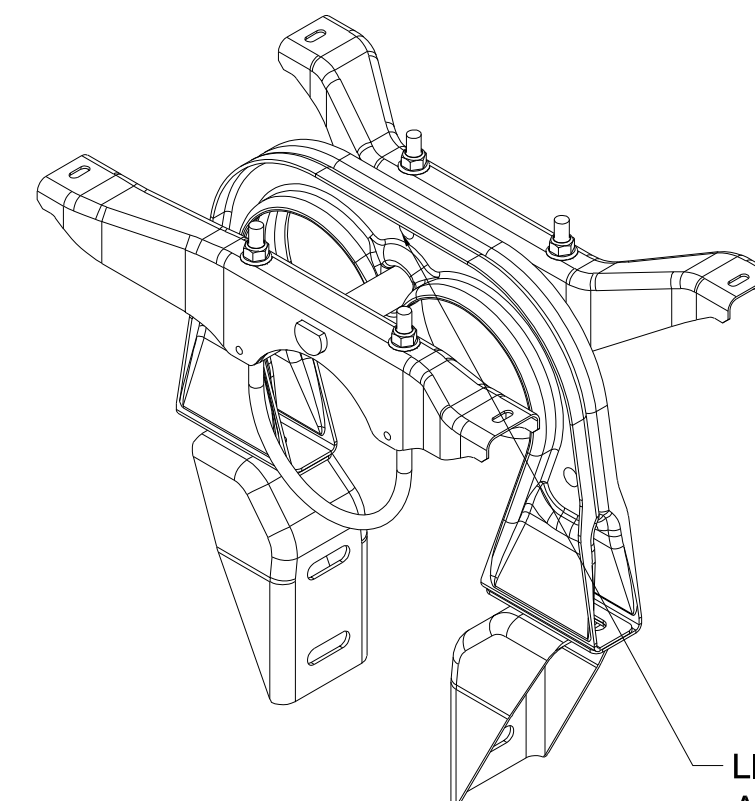
6 FIRST RAIL, TYP.
SCALE: N.T.S.



7 INTERIOR SLEW DRIVE, TYP.
SCALE: N.T.S.

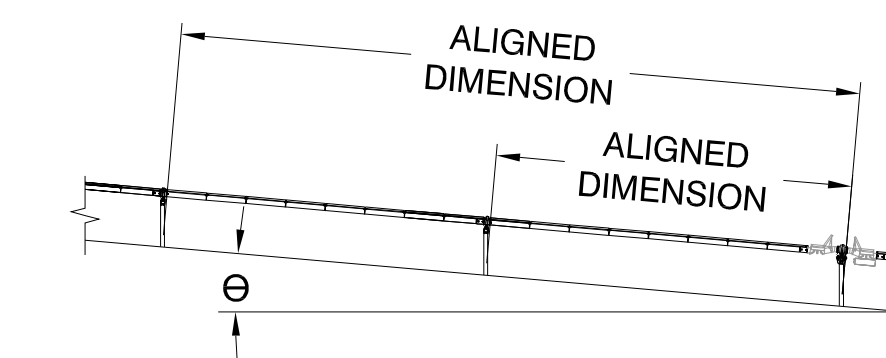


NOTE : INTERIOR SLEW DRIVE VISUAL IDENTIFIER: TORQUE TUBE ADAPTOR IS OUTSIDE THE SLEW COLLAR.

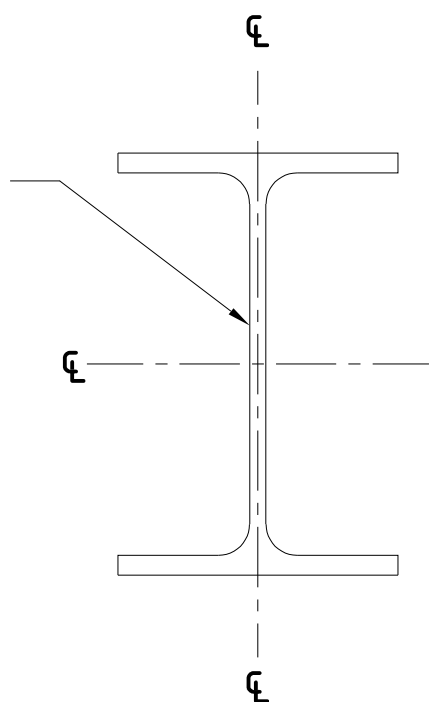


LIGHT BEARING HOUSING ASSEMBLY CAN BE IDENTIFIED BY THE THREE TOGGLES

8 LIGHT BHA, TYP.
SCALE: N.T.S.



S-30X, DETAIL 3 DIMENSIONS FOR BAY AND TRACKER LENGTHS ARE TAKEN FROM CENTER OF BEAMS. SEE FOUNDATION DRAWING FOR IDENTIFICATION OF PIER TYPES.



9 CENTER OF WEB
SCALE: N.T.S.

PIER LEGEND	
SYMBOL	PIER TYPE
	HEAVY ARRAY PIER
	STANDARD ARRAY PIER
	HEAVY ARRAY PIER, EDGE
	STANDARD ARRAY PIER, EDGE
	HEAVY MOTOR PIER
	STANDARD MOTOR PIER
	HIGH SLOPE TRACKER

TORQUE TUBE LEGEND			
HATCH	PART #	COLOR	TORQUE TUBE TYPE
	43128	BLUE	9.14m 4mm 67ksi
	43137		8.08m 4mm 67ksi
	43146		7.02m 4mm 67ksi
	43020	GALV	9.14m 3mm 60ksi
	43133		8.08m 3mm 60ksi
	43142		7.02m 3mm 60ksi

DAMPER LEGEND		
SYMBOL	DAMPER TYPE	SEE SHEET
	DOUBLE DAMPER	S-601 DETAIL 4

NOTE :

- 1) DETAILS ON THIS SHEET APPLY TO TRACKERS INDICATED ON THE SHEET TITLE ONLY. PIER PLAN INDICATES TRACKER LOCATIONS.
- 2) DETAILS 5-8 ARE TYPICAL AND APPLY TO ALL APPLICABLE LOCATIONS ON TRACKER.
- 3) PIER DISTANCES APPLY TO CENTER OF WEB, SEE DETAIL 9 FOR CENTER OF WEB LOCATION.
- 4) NEXTRACKER RECOMMENDS TO RUN A STRING LINE ON SLOPES >3% IN EFFORTS TO ENSURE PROPER PIER PLACEMENT

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A Flex Company
NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555
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CS ENERGY
NORTH STONINGTON

CT, NORTH AMERICA
US

PROJECT NUMBER:

510063

SITE ID:

001035

SHEET TITLE:

54 MODULE
EDGE TRACKER

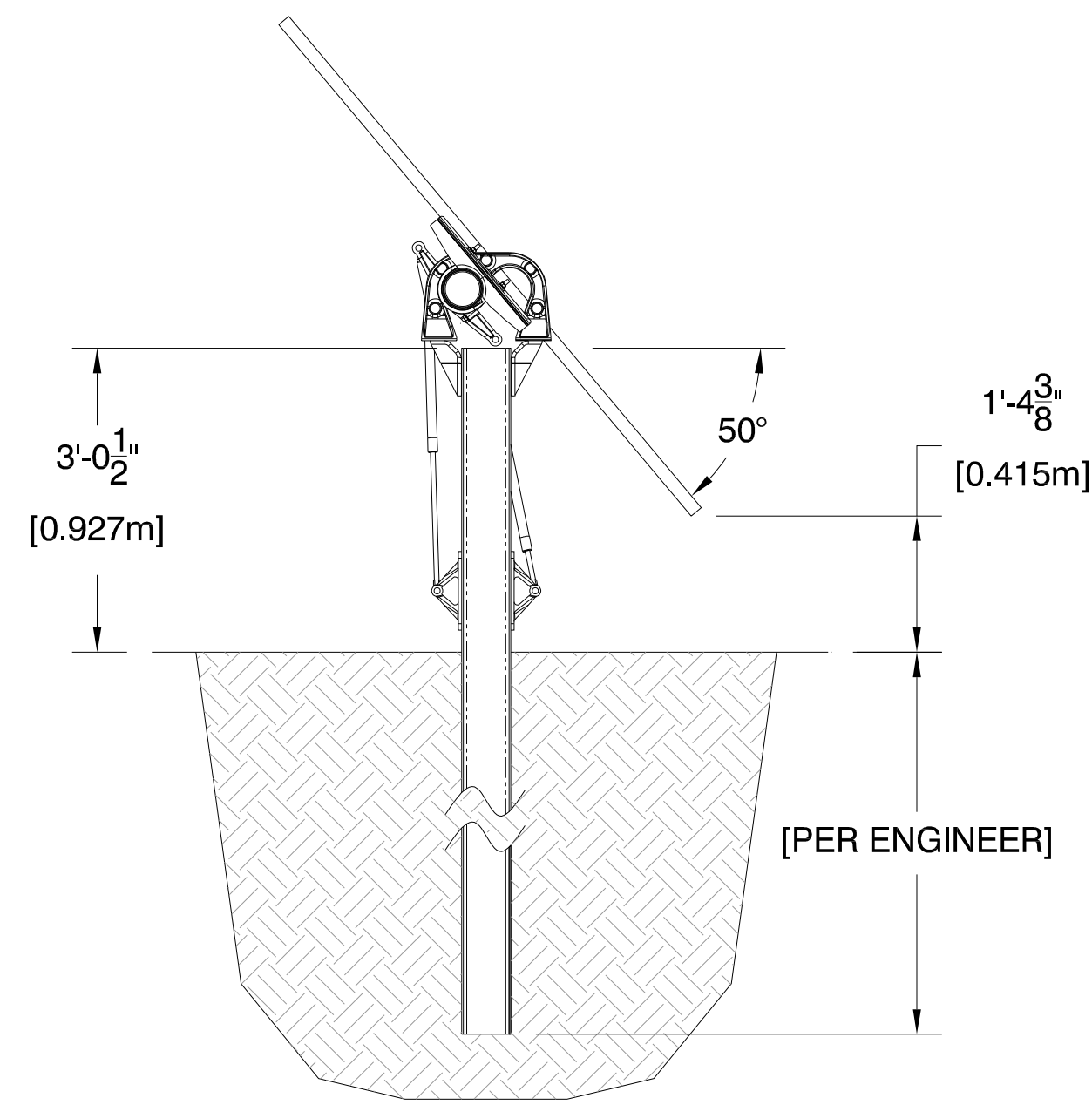
NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS

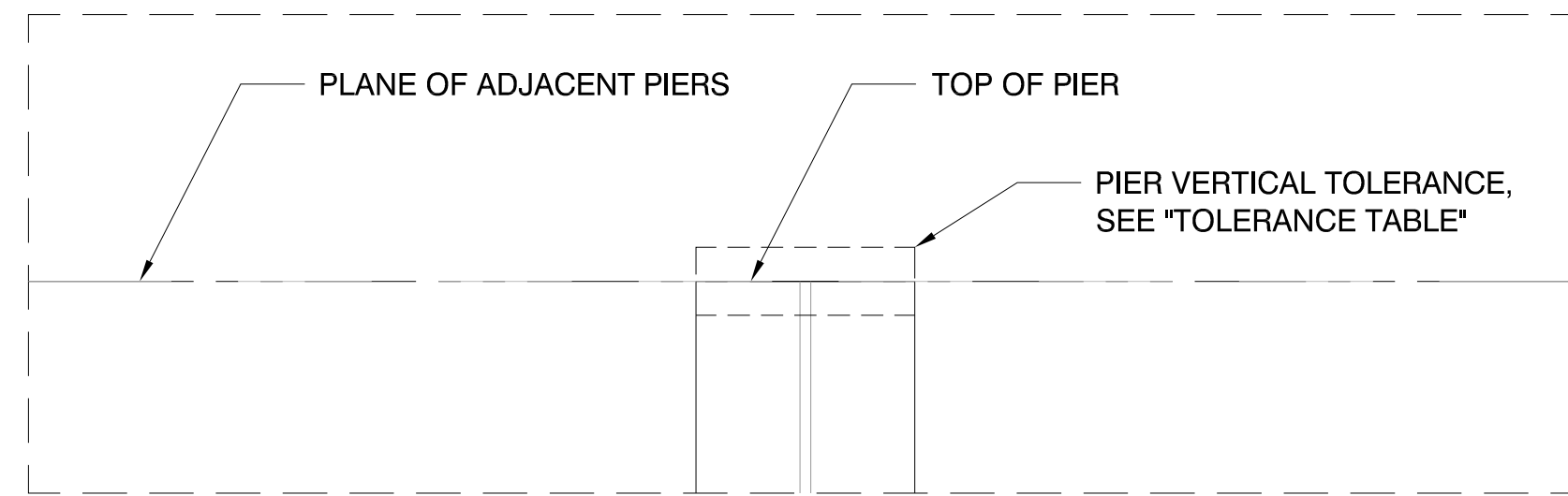
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE
SHEET NO.:	

S-405

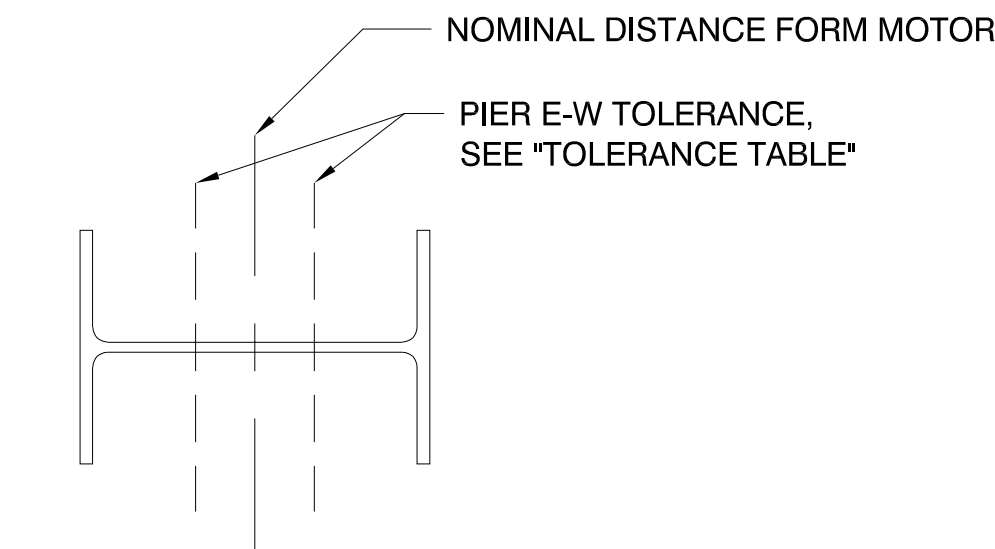
IF BAR IS NOT ONE INCH
PRINT IS NOT TO SCALE



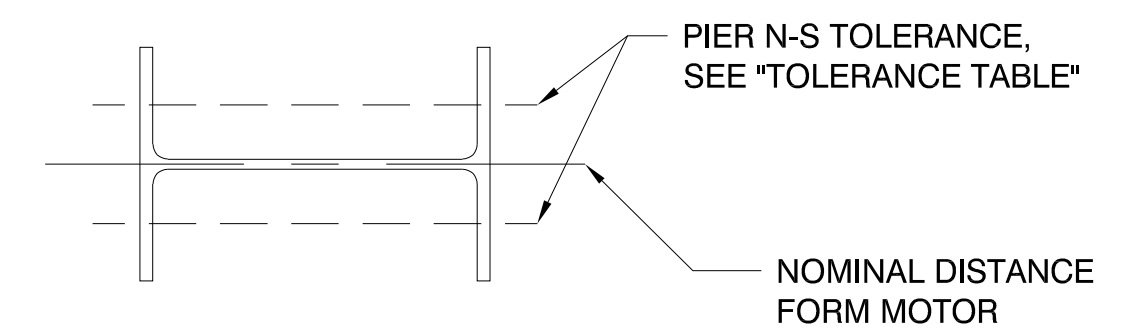
1 TYPICAL PIER HEIGHT
SCALE: N.T.S.



2 PIER HEIGHT TOLERANCES
SCALE: N.T.S.



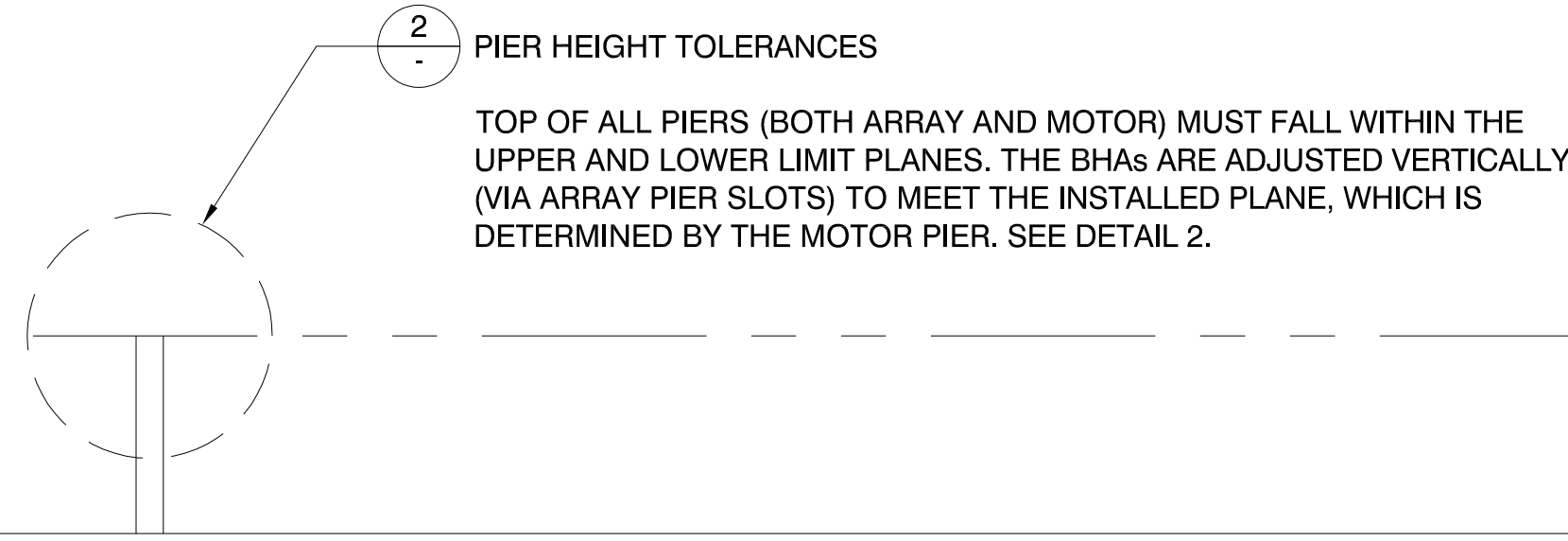
3A EAST WEST PIER LOCATION TOLERANCE
SCALE: N.T.S.



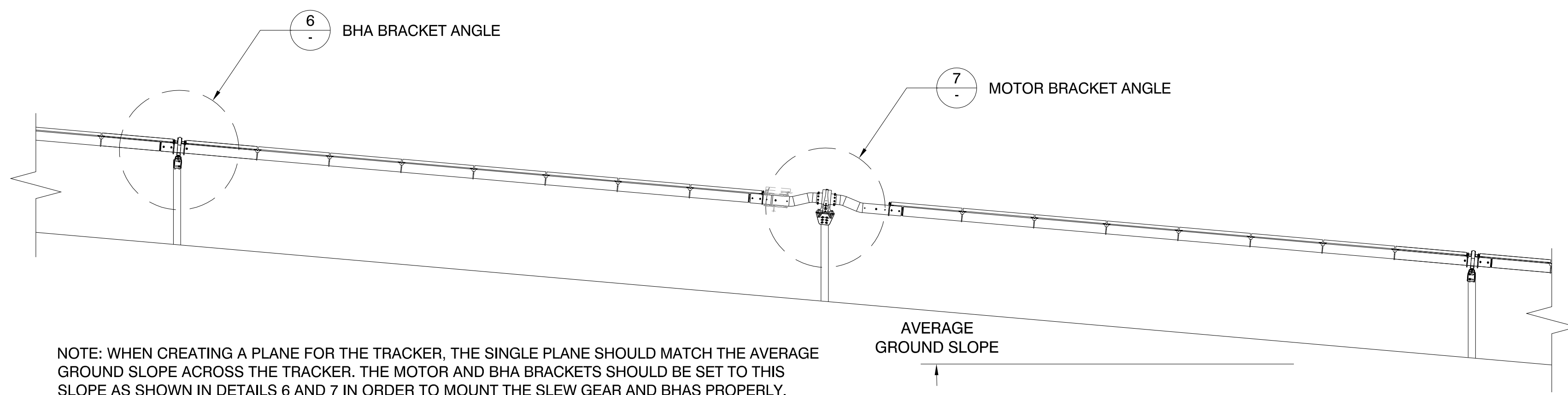
3B NORTH SOUTH PIER LOCATION TOLERANCE
SCALE: N.T.S.

NOTES:

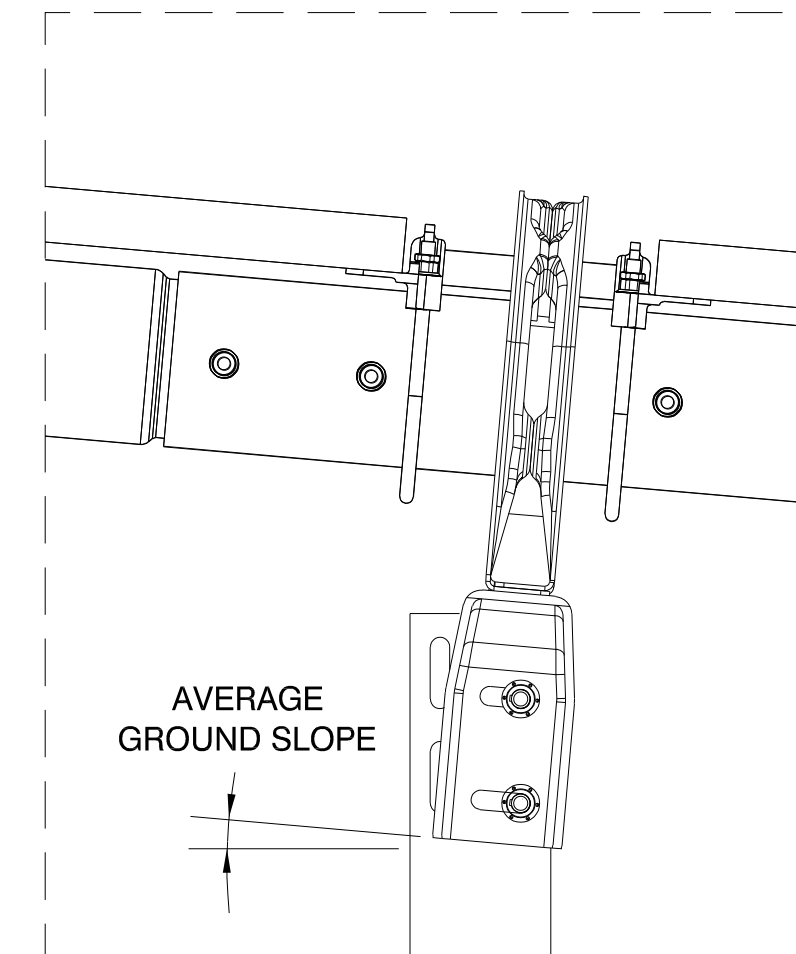
- 1) TO ALIGN THE PIER TOPS IN A SINGLE HORIZONTAL PLANE, SET THE END PIERS OF THE TRACKER ROW FIRST, THEN USE A LASER OR STRING TO SET THE HEIGHTS OF ALL PIERS IN BETWEEN.
- 2) IF THE EXISTING GRADE IS NOT LEVEL, TO ENSURE PIER HEIGHTS FALL WITHIN THE TOLERANCE AS SHOWN IN "TOLERANCE TABLE", MAKE MAXIMUM PIER HEIGHT IN EACH ROW AT LOWEST ELEVATION POINT OF GRADE FOR THAT ROW.
- 3) MOTOR PIER MUST BE IN THE PLANE OF THE ARRAY PIERS.
- 4) THE ALLOWABLE DEVIATION BETWEEN ANY TWO ADJACENT TORQUE TUBES IS 0.25 DEG (MEASURED AT THE CENTER OF THE SPAN OF THE TORQUE TUBE).



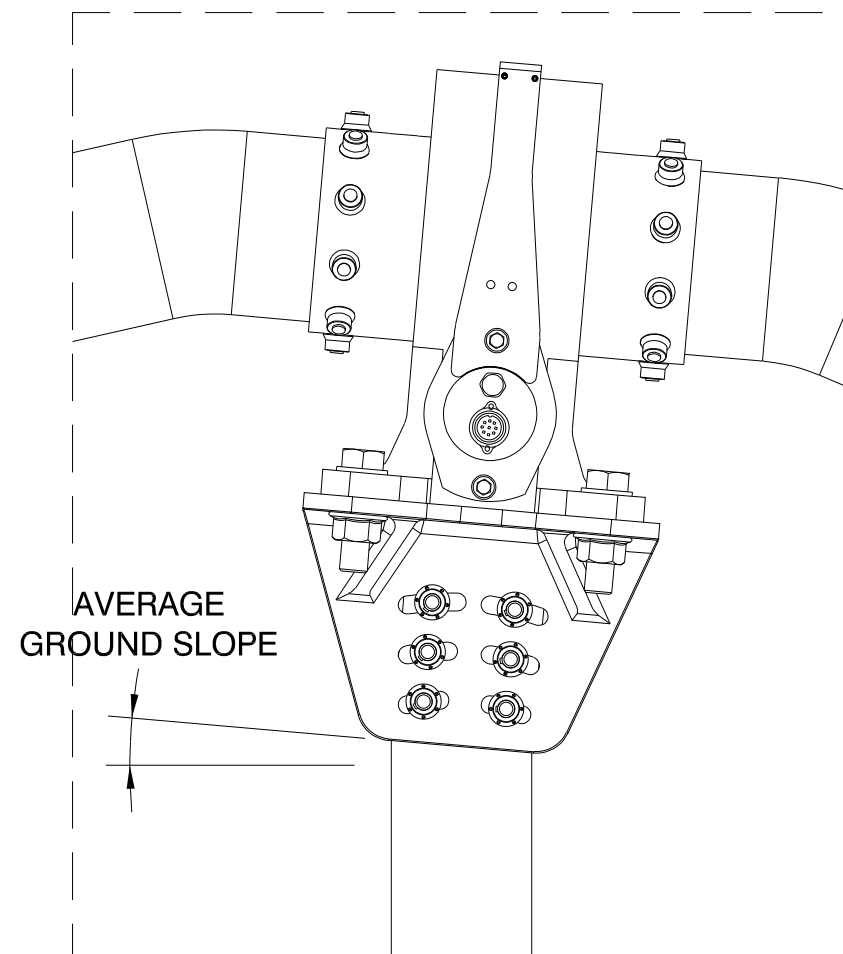
4 TRACKER PLANAR TOLERANCES
SCALE: N.T.S.



5 PLANE PARALLEL W/ AVERAGE GROUND SLOPE
SCALE: N.T.S.



6 BHA BRACKET ANGLE
SCALE: N.T.S.



7 MOTOR BRACKET ANGLE
SCALE: N.T.S.

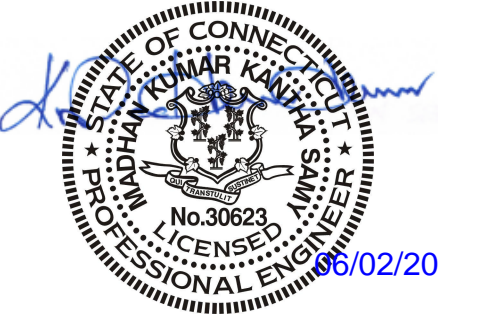
2.4 TOLERANCE TABLE		
MEASUREMENT TYPE	0-6.1% (STANDARD SLOPE)	>6.1-15% (HIGH SLOPE)
TOP OF PIER E-W POSITION	+/- 1" (25.4 mm)	
TOP OF PIER N-S POSITION	+/- 1 3/4" (45.5 mm)	+/- 1 3/8" (34.9 mm)
PIER VERTICAL	+/- 1/8" (17.5 mm)	+/- 1/2" (12.7 mm)
PIER TWIST	+/- 5°	
0 - 3% TRACKER SLOPE	PIER PLUMB E-W +/- 1.5°	-
	PIER PLUMB N-S +/- 3°	-
>3 - 15% TRACKER SLOPE	PIER PLUMB E-W +/- 1.5°	-
	PIER PLUMB N-S +/- 1.5°	-

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NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:
510063

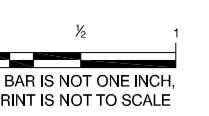
SITE ID:
001035

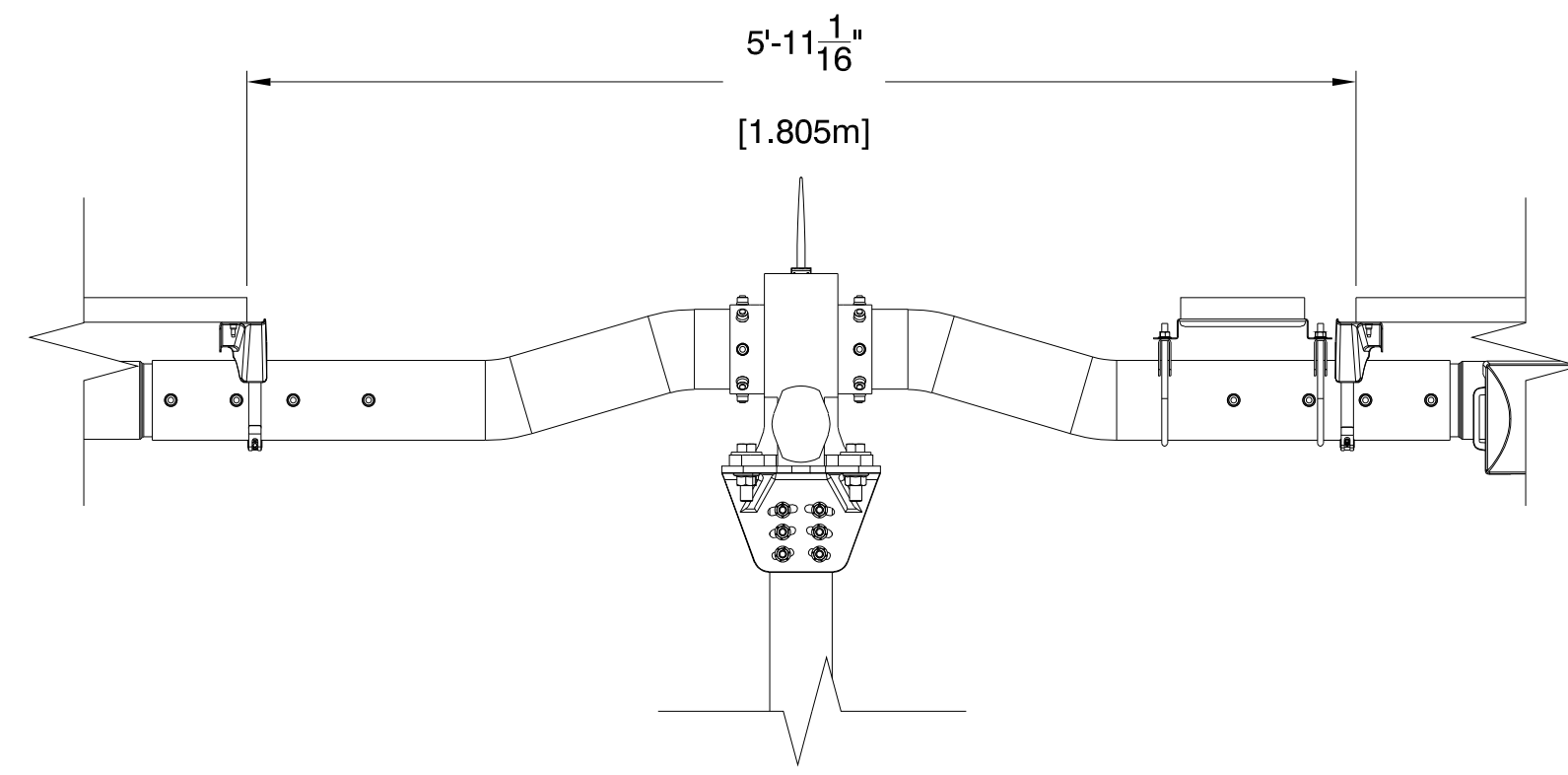
SHEET TITLE:
PIER TOLERANCES

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
2			
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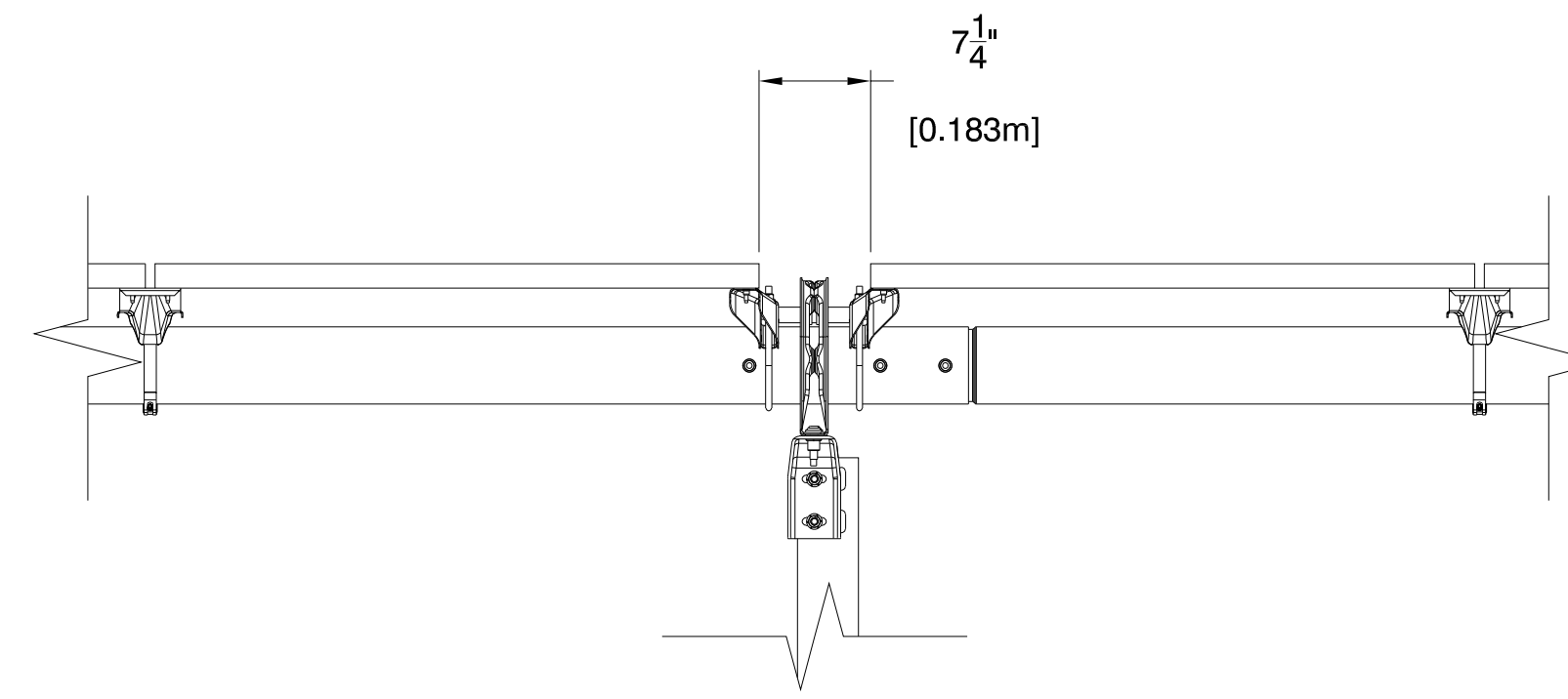
SITE DETAILS	
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE
SHEET NO.:	

S-501



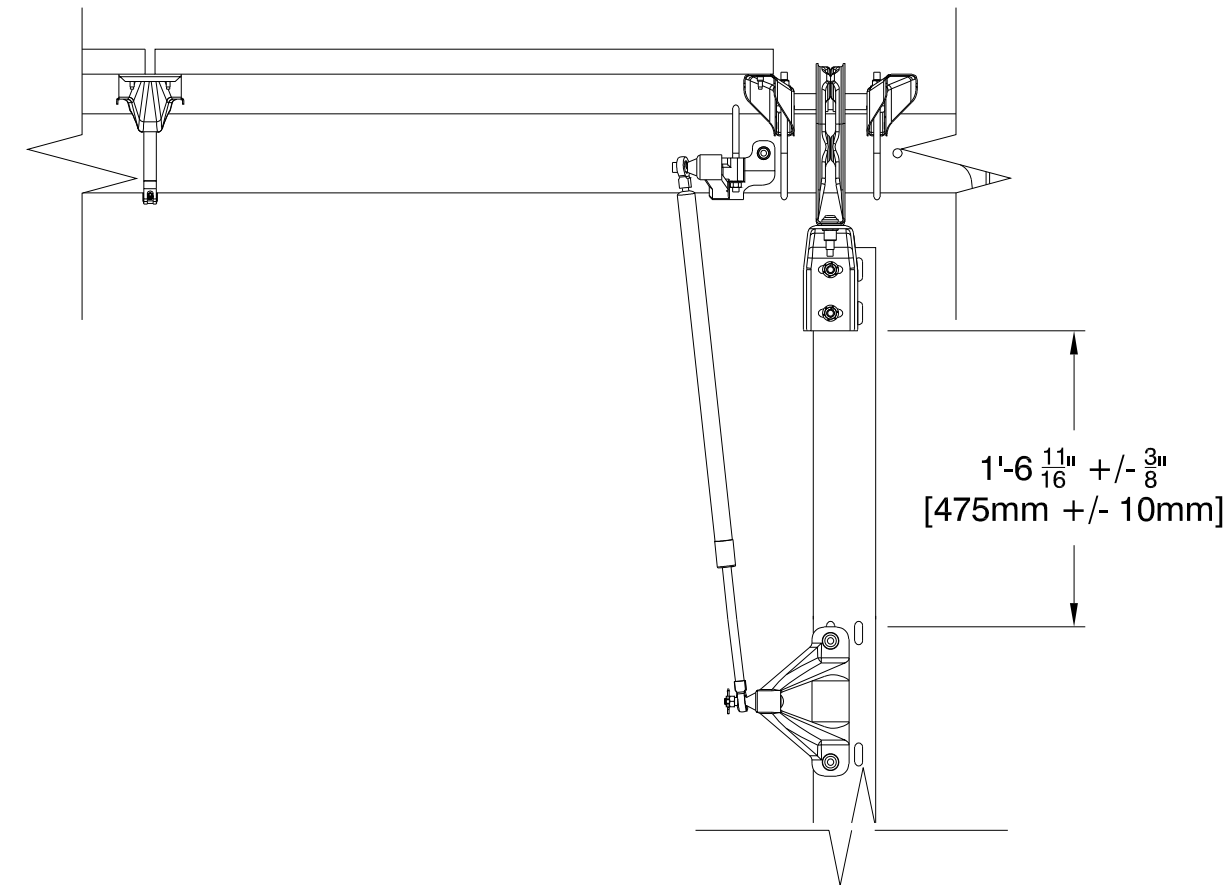


1 TYPICAL MODULE SPACING ACROSS MOTOR
SCALE: N.T.S.

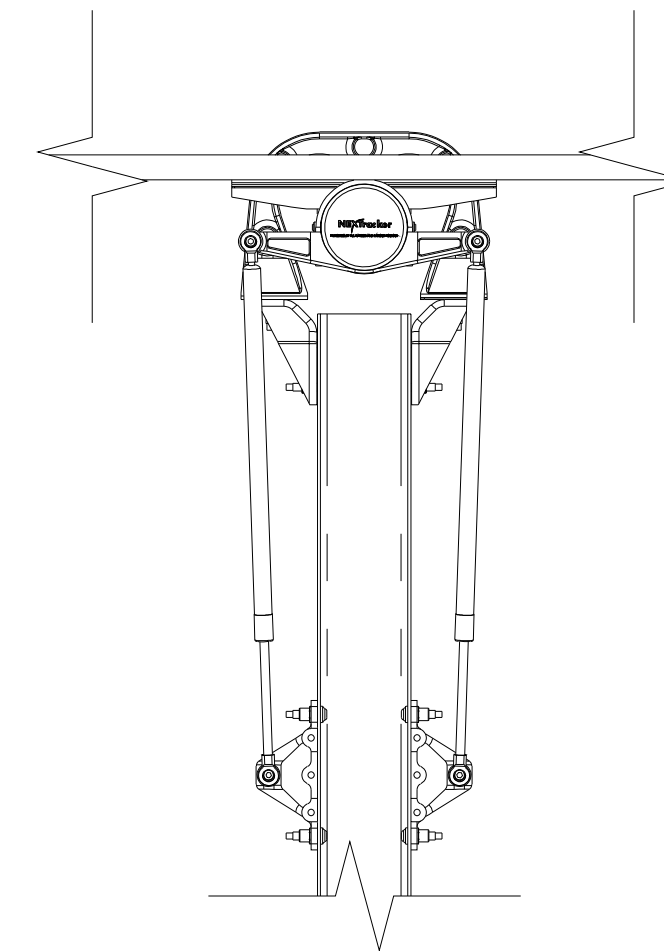


2 TYPICAL MODULE SPACING ACROSS BHA
SCALE: N.T.S.

- NOTE:
- FOR DETAILS 4 AND 5, REFER TO DETAIL 6 FOR DAMPER ROD/BODY ORIENTATION.
 - INSTALL DAMPERS ON SIDE OF PIER CLOSEST TO MOTOR.

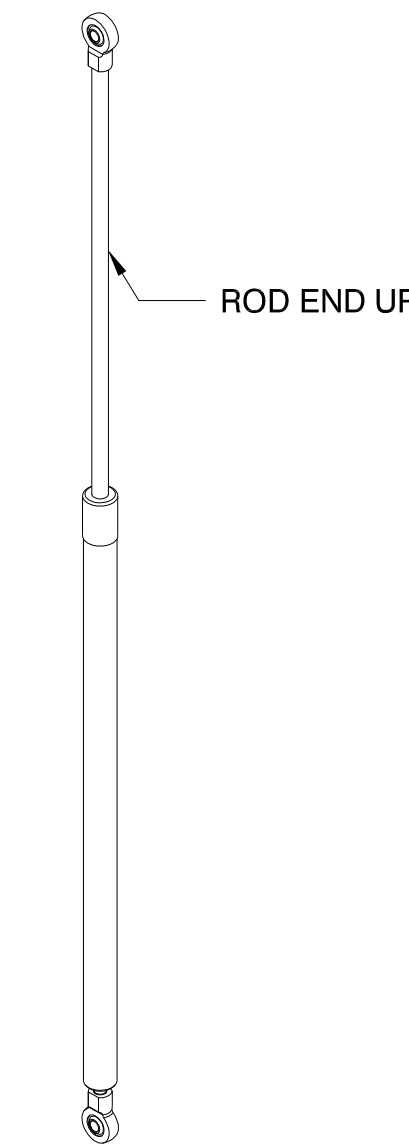


3 INNER DOUBLE DAMPER
SCALE: N.T.S.

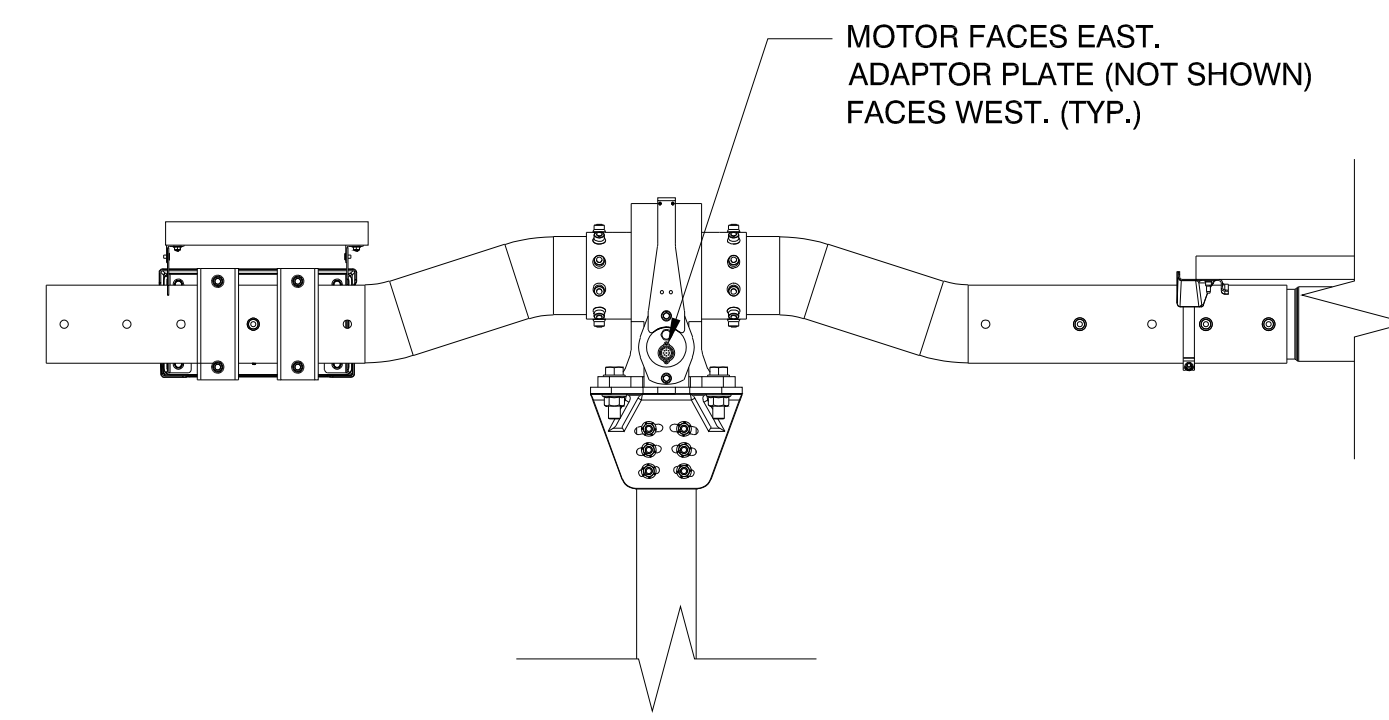


4 DOUBLE DAMPER
SCALE: N.T.S.

- NOTE:
- SEE SHEET S-4XX, DETAIL 2 FOR DAMPER LOCATIONS

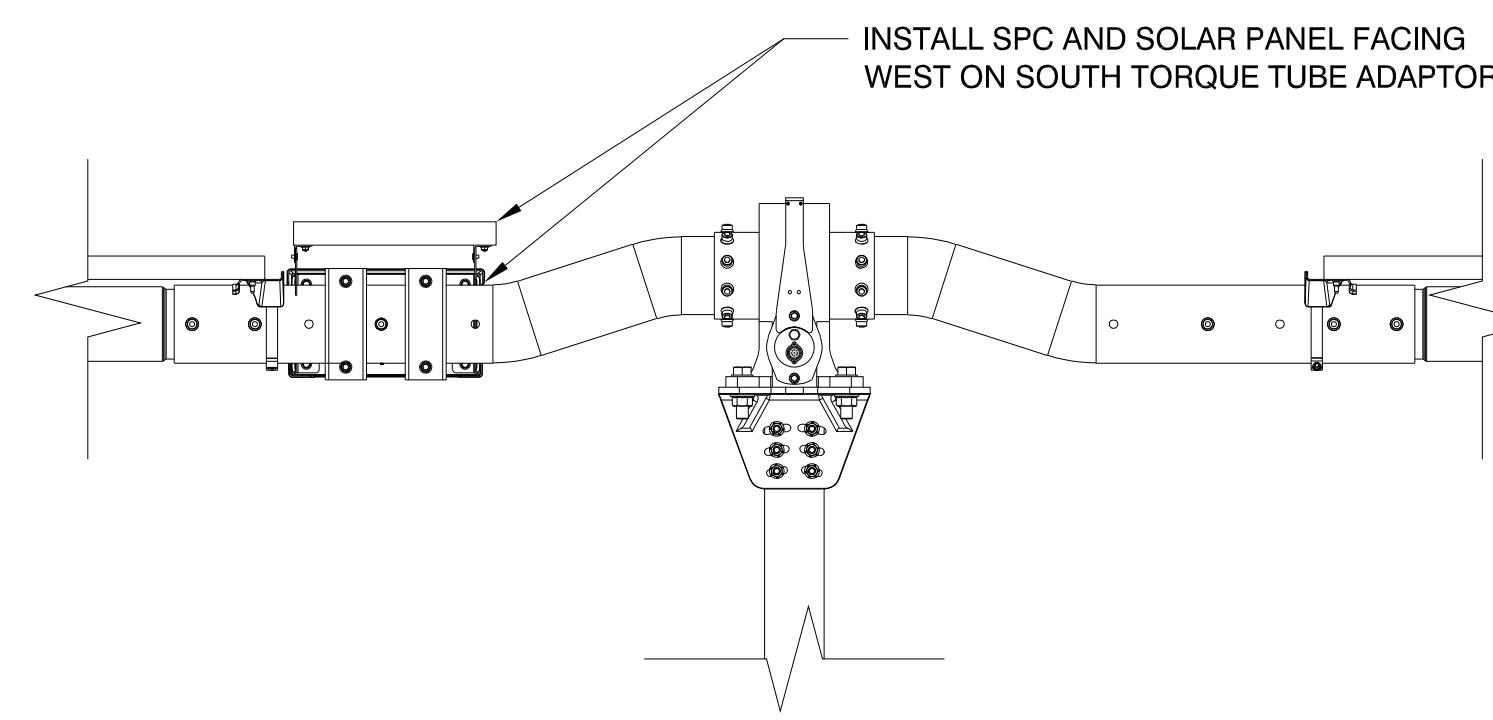


5 21215 DAMPER ORIENTATION
SCALE: N.T.S.

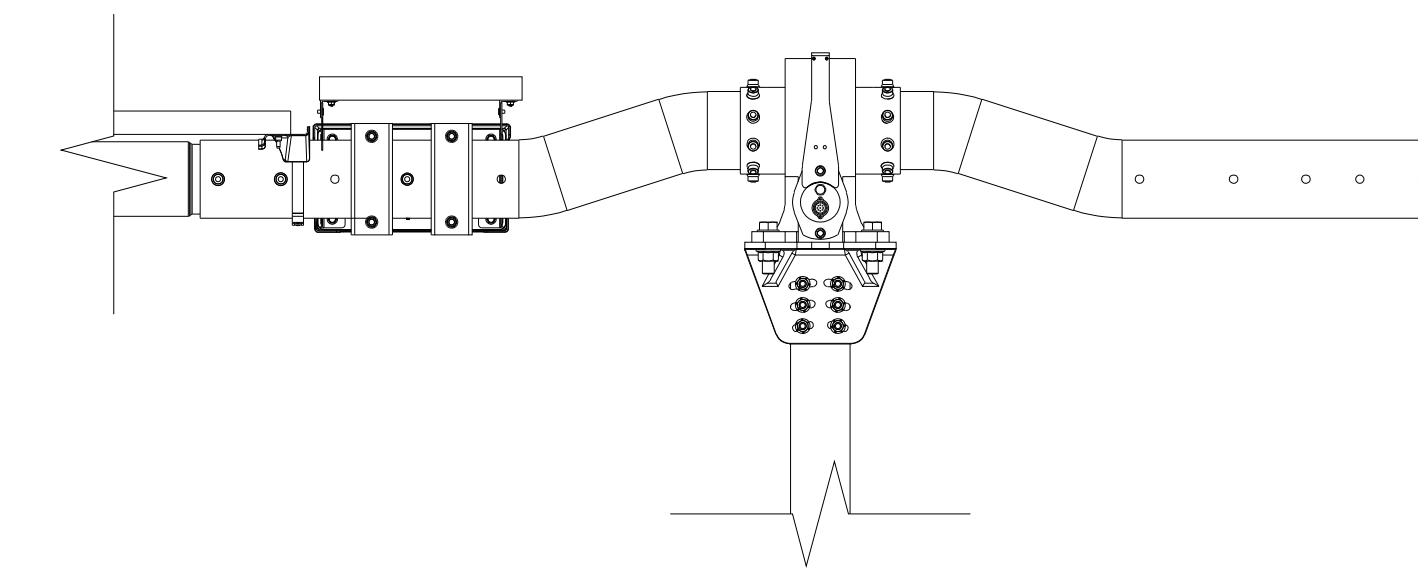


7A NORTH WING (ONLY) TRACKER
SCALE: N.T.S.

- NOTE:
- IF SITE REQUIRES TILTED BRACKET PANEL MUST FACE EQUATOR



7B 2-WING TRACKER
SCALE: N.T.S.



7C SOUTH WING (ONLY) TRACKER
SCALE: N.T.S.

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NORTH STONINGTON

CT, NORTH AMERICA
US

PROJECT NUMBER:

510063

SITE ID:

001035

SHEET TITLE:

BHA & DAMPER
DETAILS(0 - <6.1%)

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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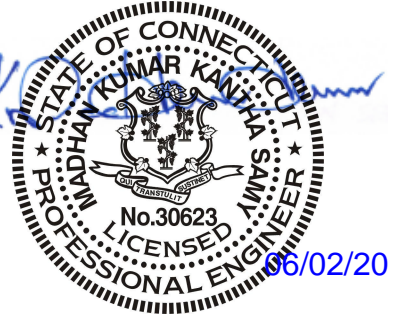
SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE
SHEET NO.:	

S-601

IF BAR IS NOT ONE INCH
PRINT IS NOT TO SCALE

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PROJECT NUMBER:

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SITE ID:

001035

SHEET TITLE:

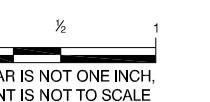
**BHA & DAMPER
DETAILS (6.1 - 15%)**

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
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SITE DETAILS

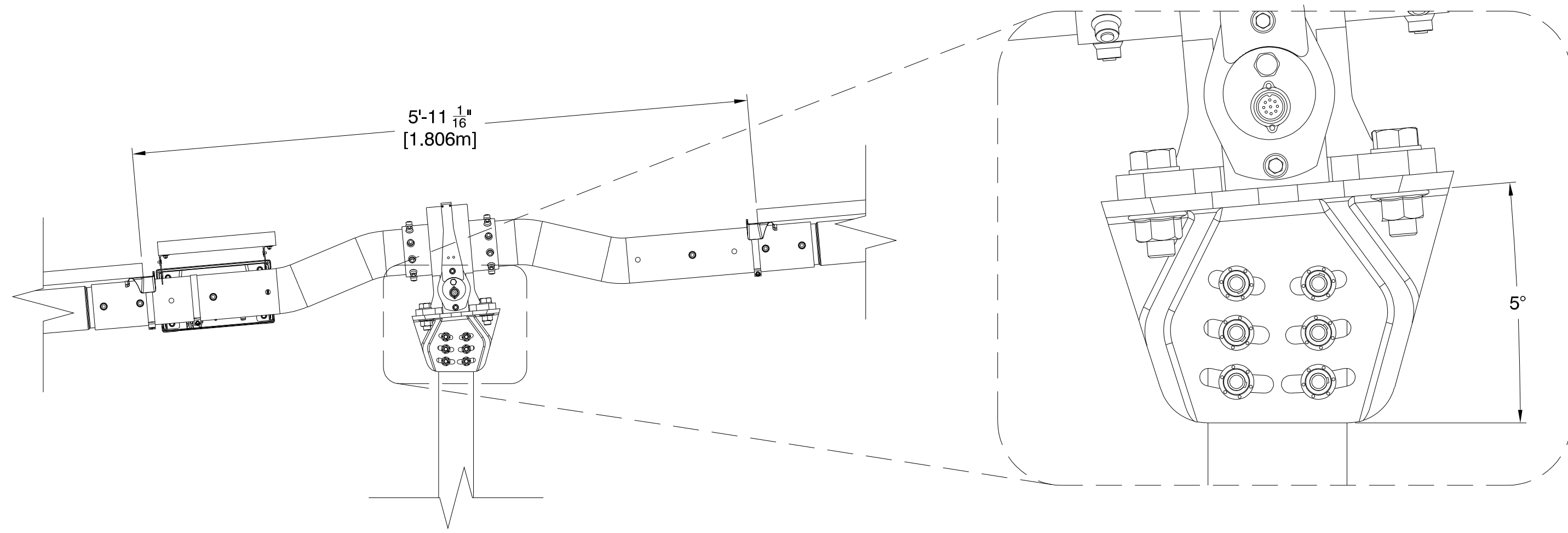
LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE
SHEET NO.:	

S-602

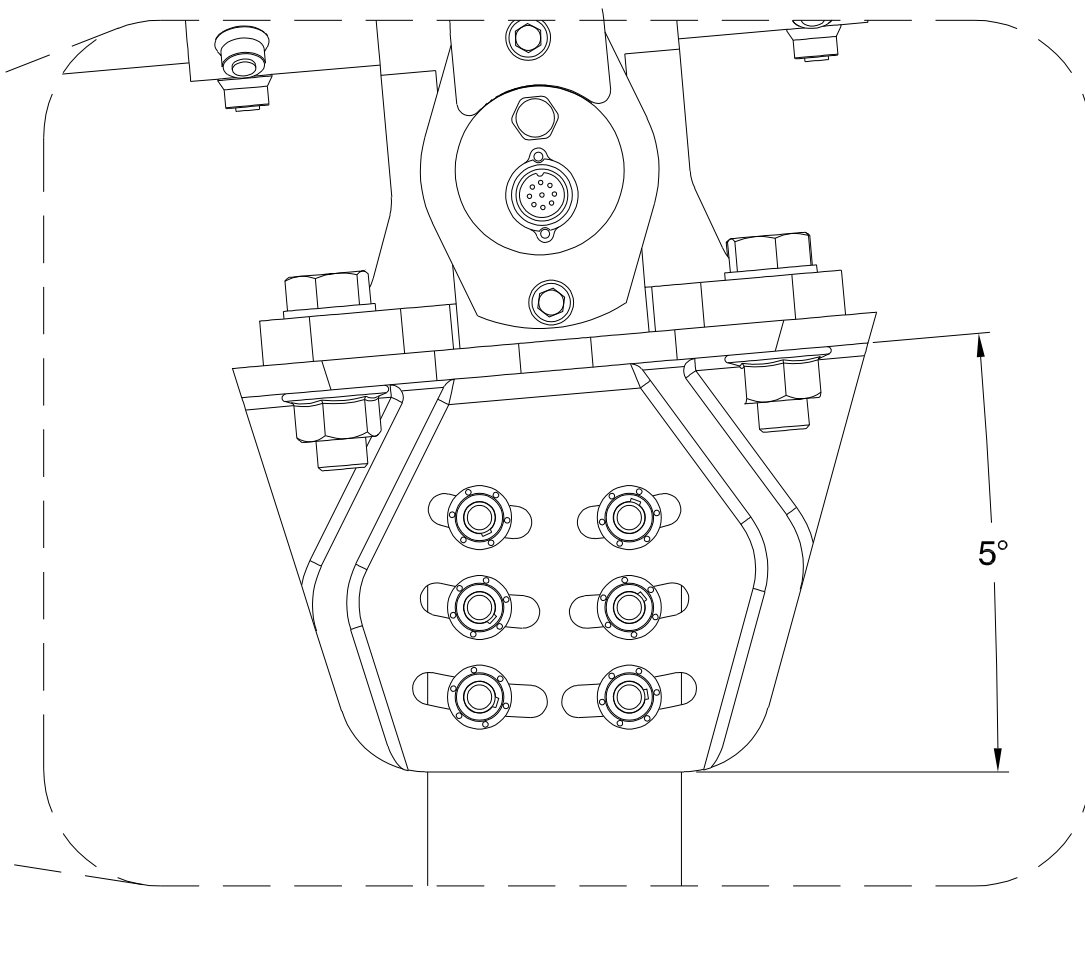


IF BAR IS NOT ONE INCH
PRINT IS NOT TO SCALE

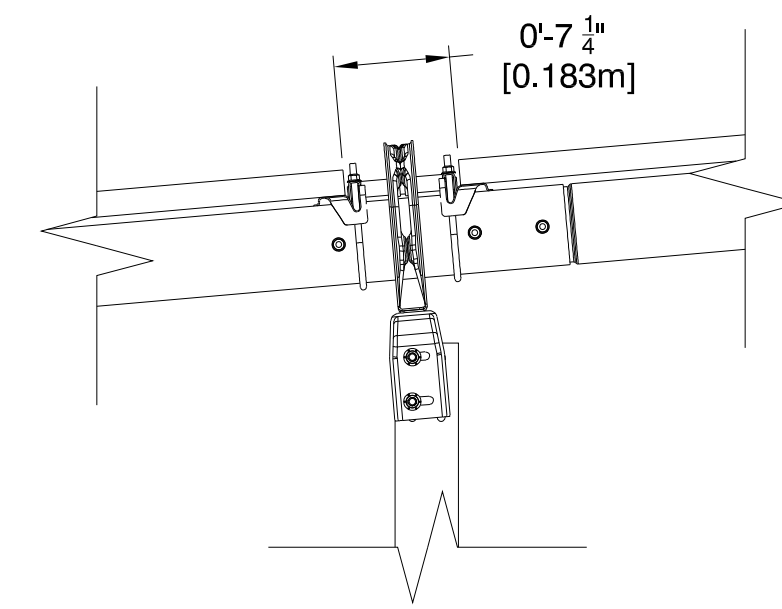
NOTES:
MODULE SPACING MAY VARY SLIGHTLY DEPENDING ON MODULE TYPE



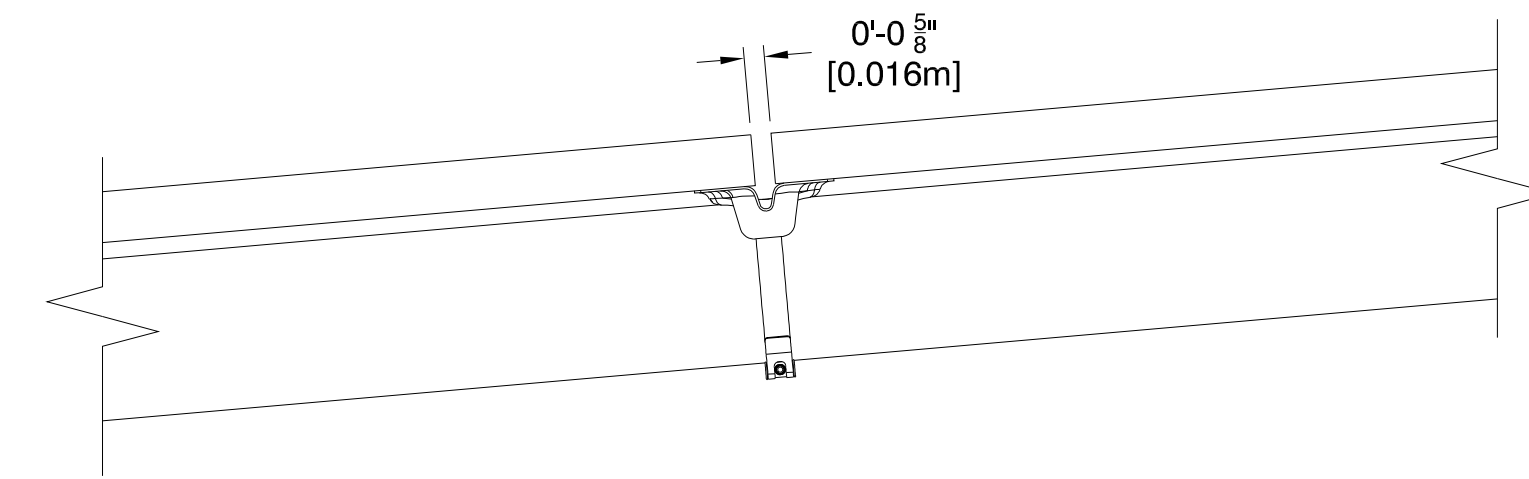
1 TYPICAL MOTOR SPACING
SCALE: N.T.S.



2 HIGH SLOPE MOTOR BRACKET
SCALE: N.T.S.

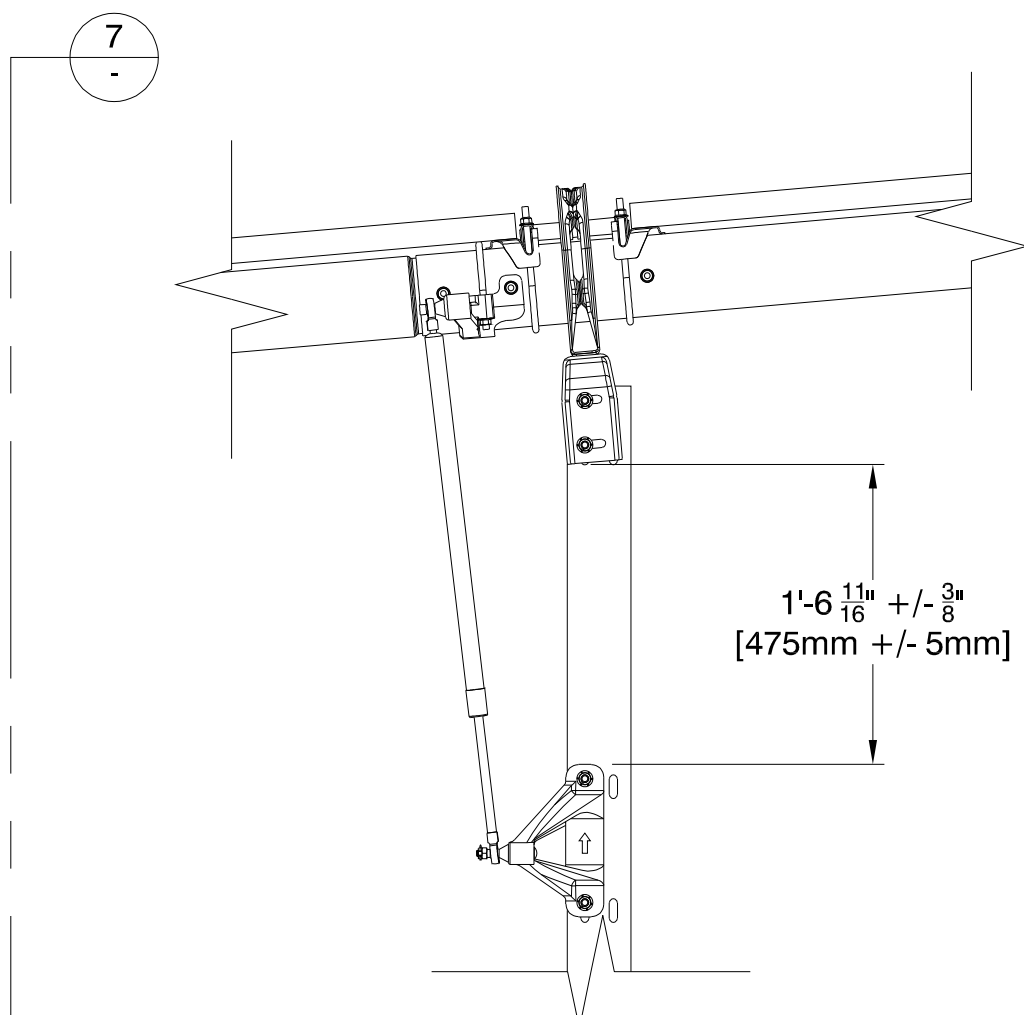


3 TYPICAL BHA SPACING
SCALE: N.T.S.

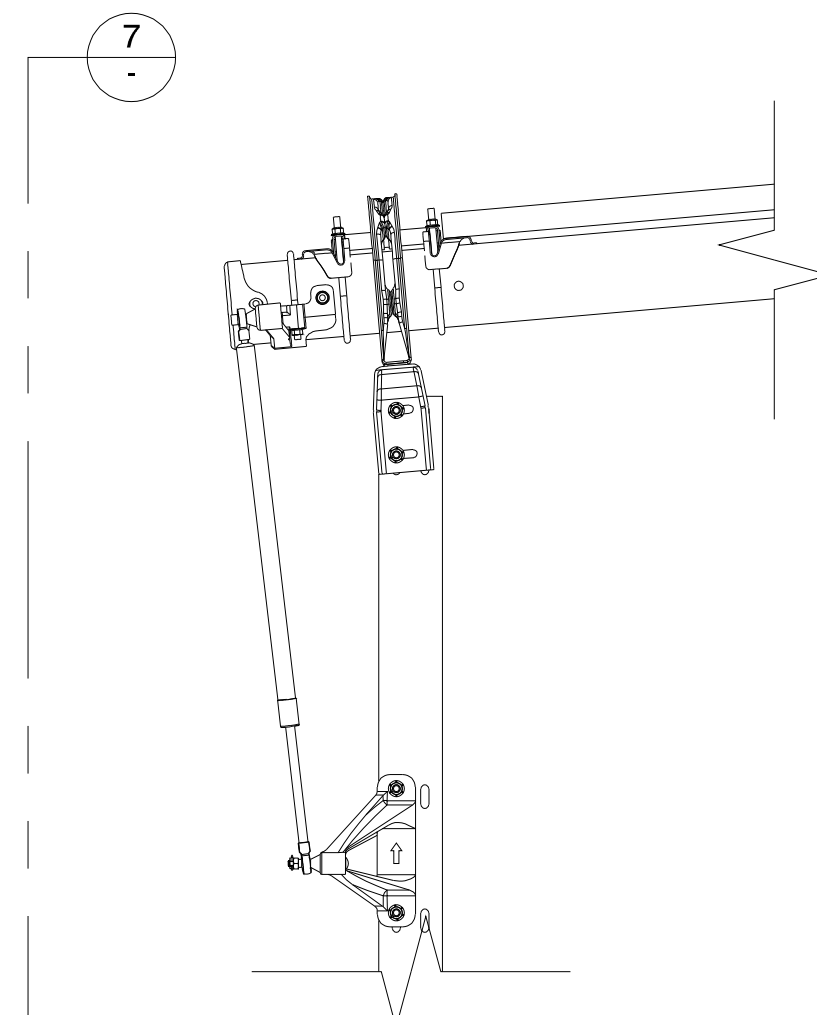


4 TYPICAL MODULE SPACING
SCALE: N.T.S.

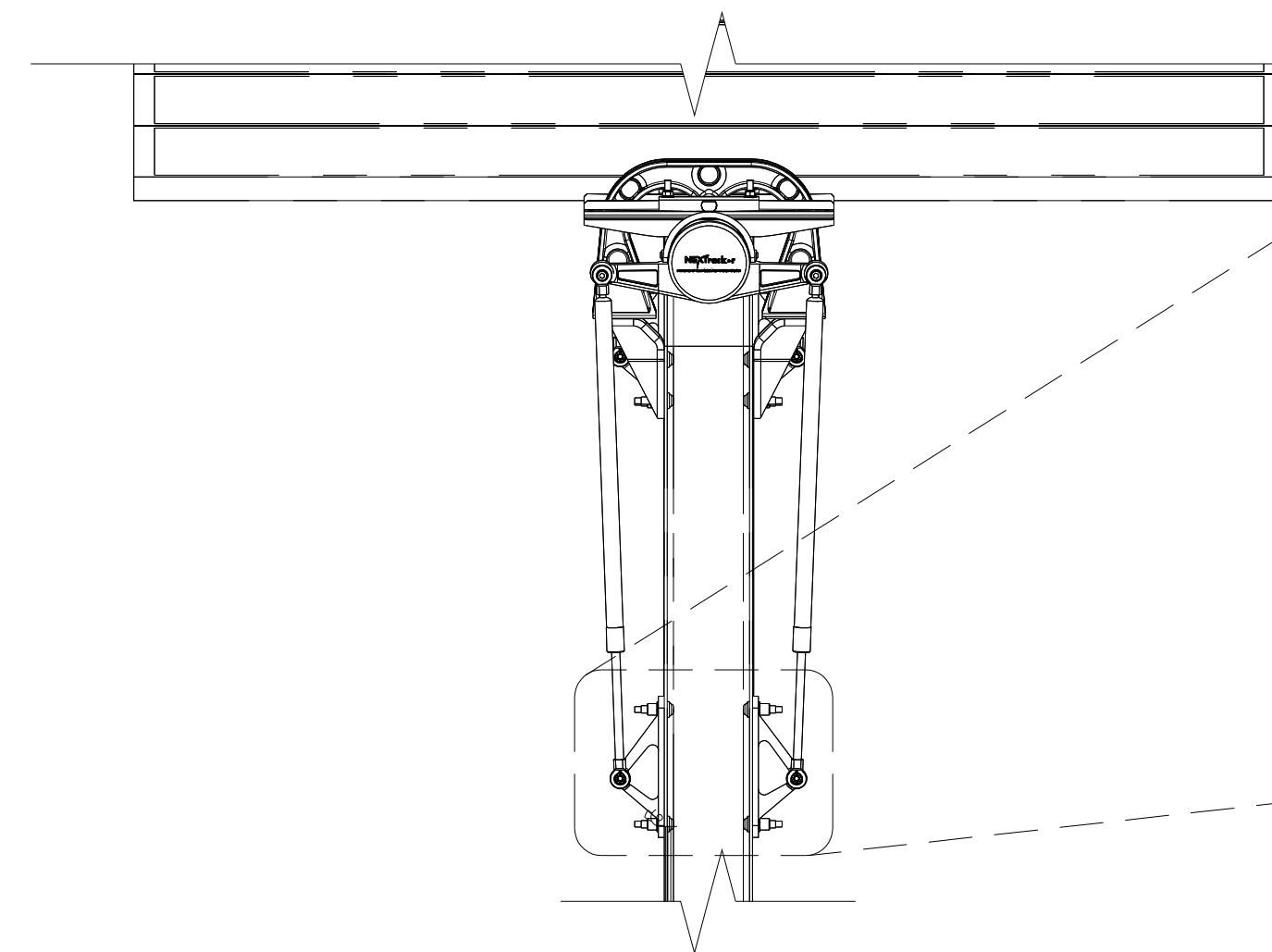
- NOTES:
- DAMPERS SHALL BE INSTALLED ROD END DOWN
 - DOUBLE DAMPERS WILL USE BOTH SIDE 1 & 2 LOWER DAMPER MOUNTS
 - SINGLE DAMPERS WILL USE SIDE 1 LOWER DAMPER MOUNTS
 - LOWER DAMPER MOUNTS SHALL BE INSTALLED ON DOWNHILL SIDE OF PIER
 - LOWER DAMPER MOUNTS SHALL BE INSTALLED WITH ARROW POINTING UPWARDS



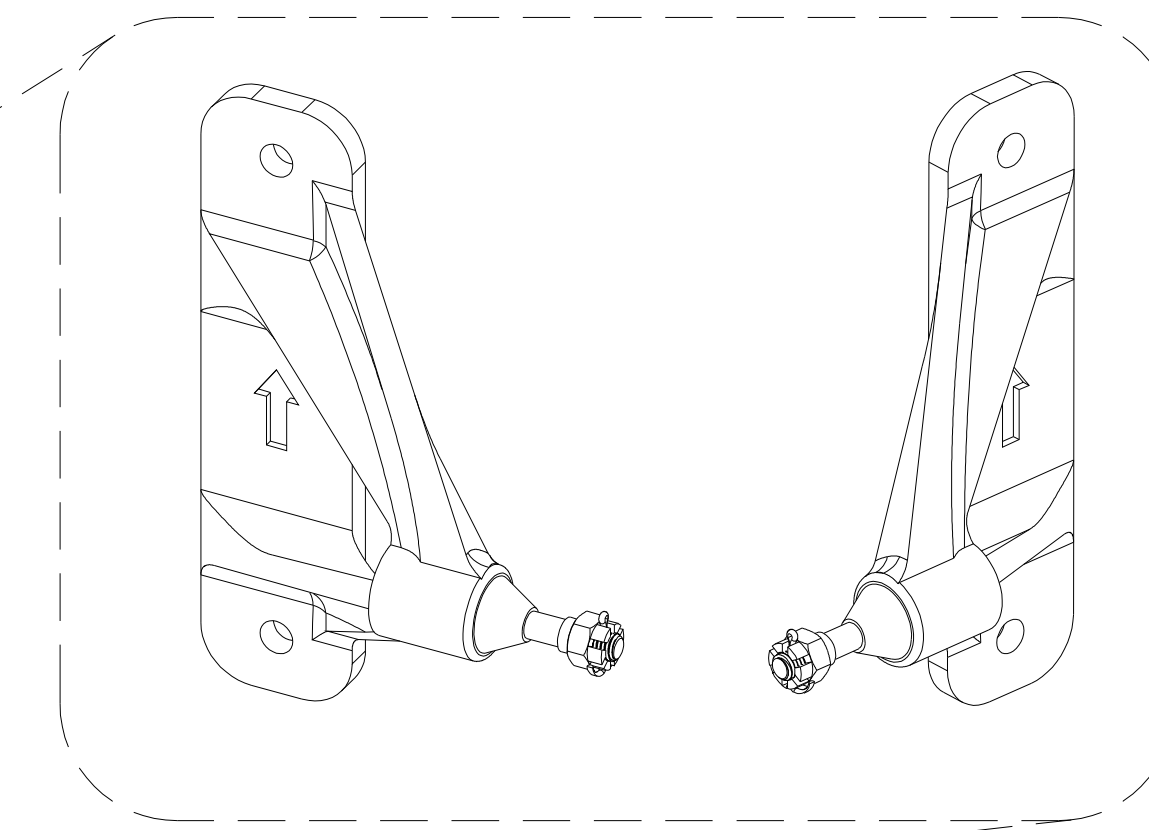
5 INNER SINGLE/ DOUBLE DAMPER
SCALE: N.T.S.



6 OUTER SINGLE/DOUBLE DAMPER
SCALE: N.T.S.

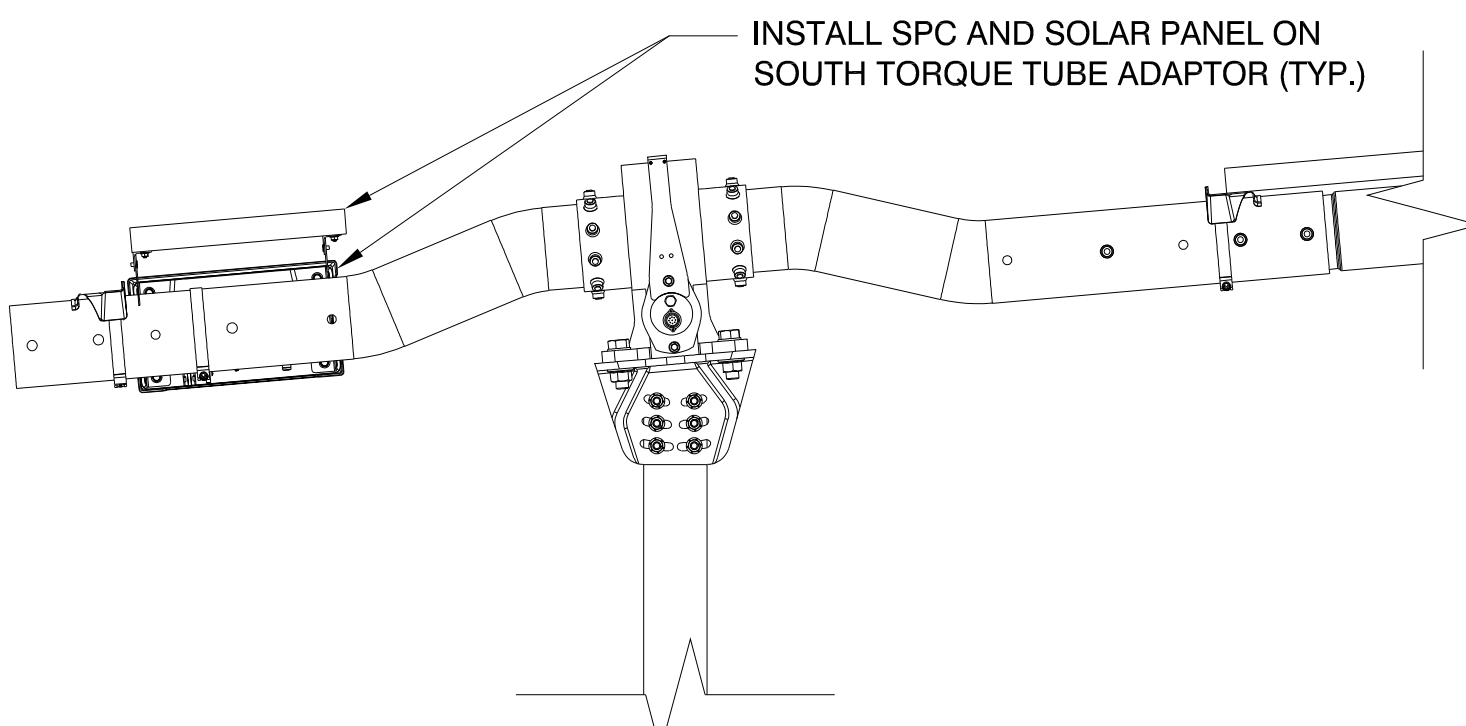


7 SINGLE/DOUBLE DAMPER
SCALE: N.T.S.



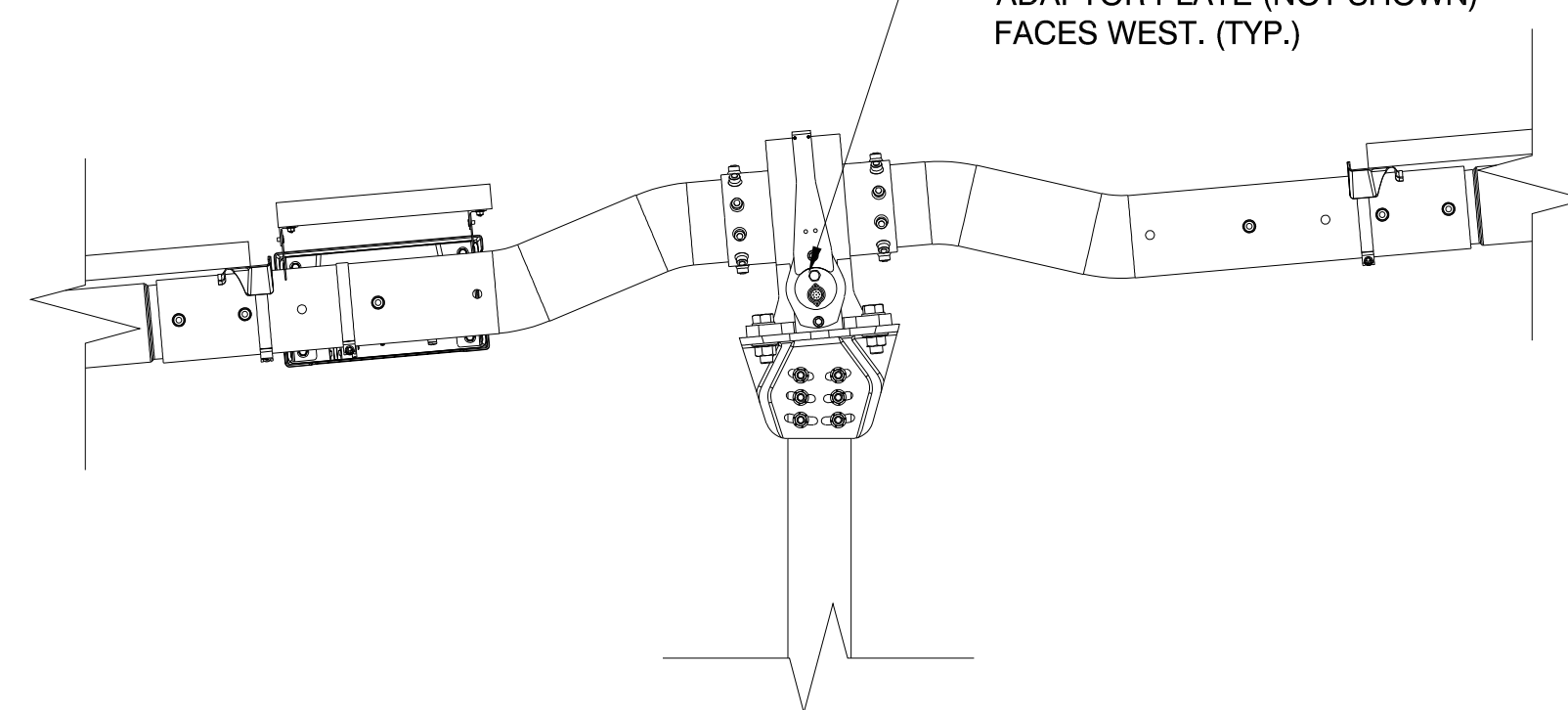
8 HIGH SLOPE LOWER DAMPER MOUNTS (SIDE 1 & 2)
SCALE: N.T.S.

INSTALL SPC AND SOLAR PANEL ON
SOUTH TORQUE TUBE ADAPTOR (TYP.)

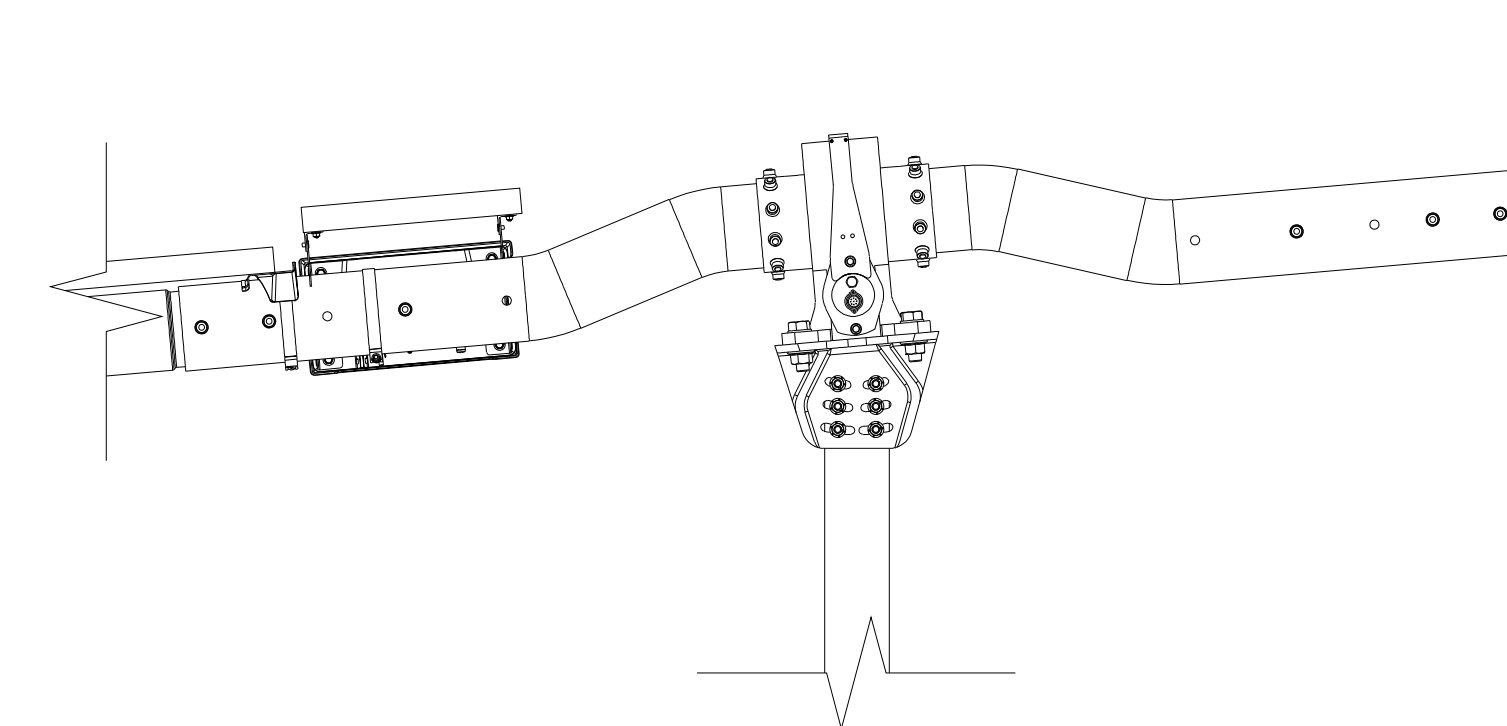


9A NORTH WING (ONLY) TRACKER
SCALE: N.T.S.

MOTOR FACES EAST.
ADAPTOR PLATE (NOT SHOWN)
FACES WEST. (TYP.)



9B 2-WING TRACKER
SCALE: N.T.S.



9C SOUTH WING (ONLY) TRACKER
SCALE: N.T.S.

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CT, NORTH AMERICA
US

PROJECT NUMBER:

510063

SITE ID:

001035

SHEET TITLE:

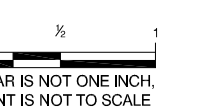
**WEATHER STATION
DETAILS**

NO.	REVISION	DATE	INIT.
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1	LAYOUT UPDATED	05/18/2020	OL
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8			

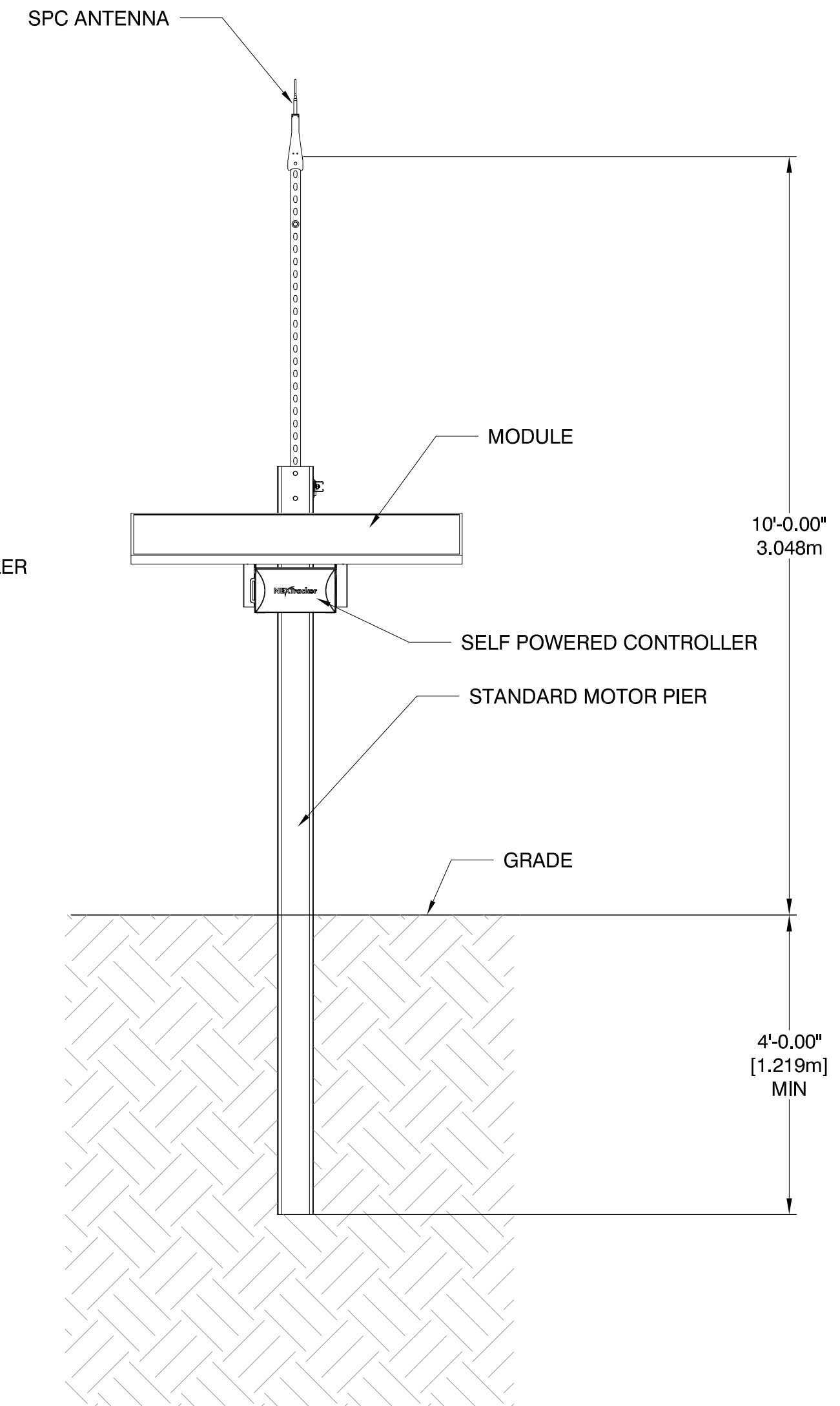
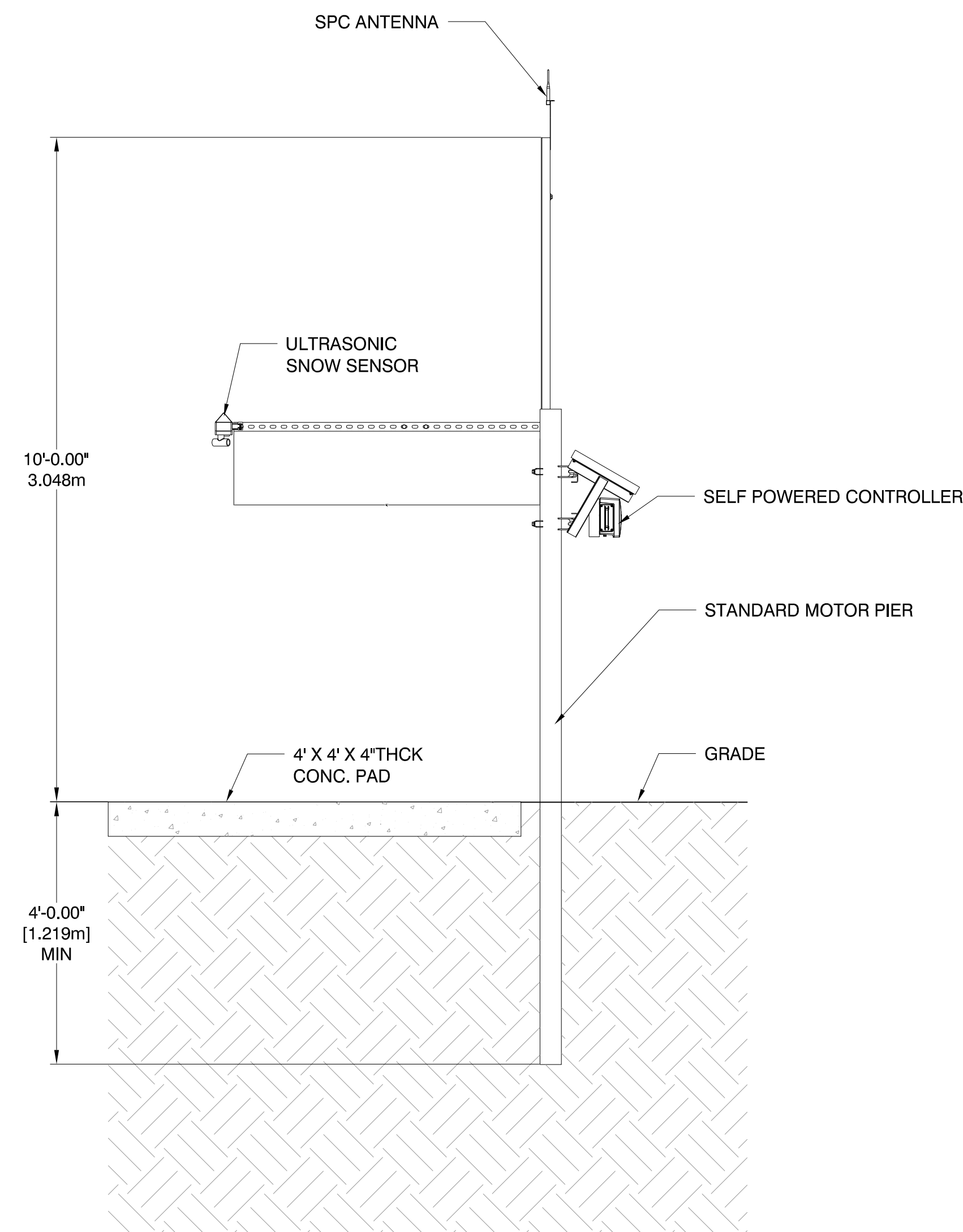
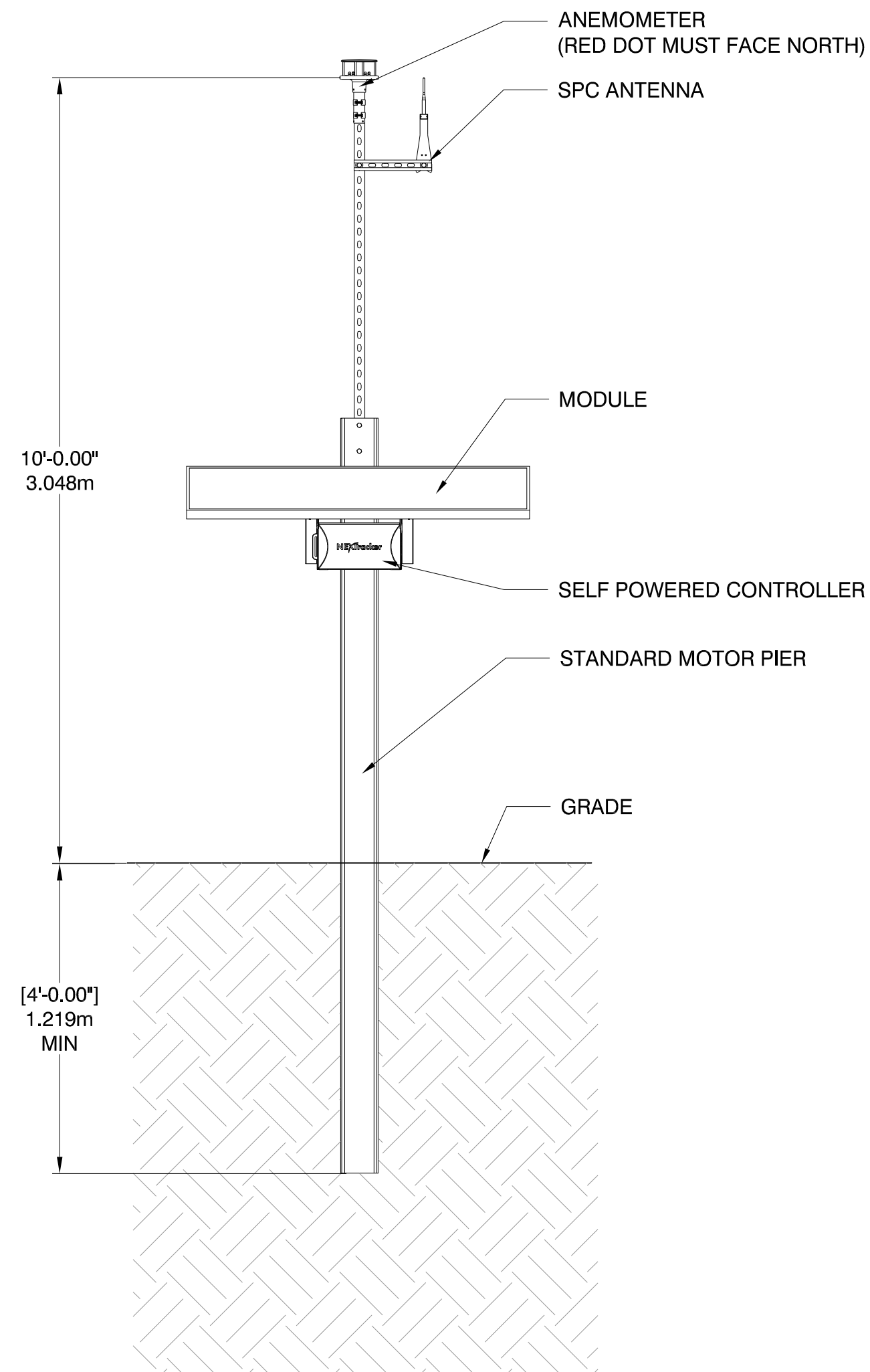
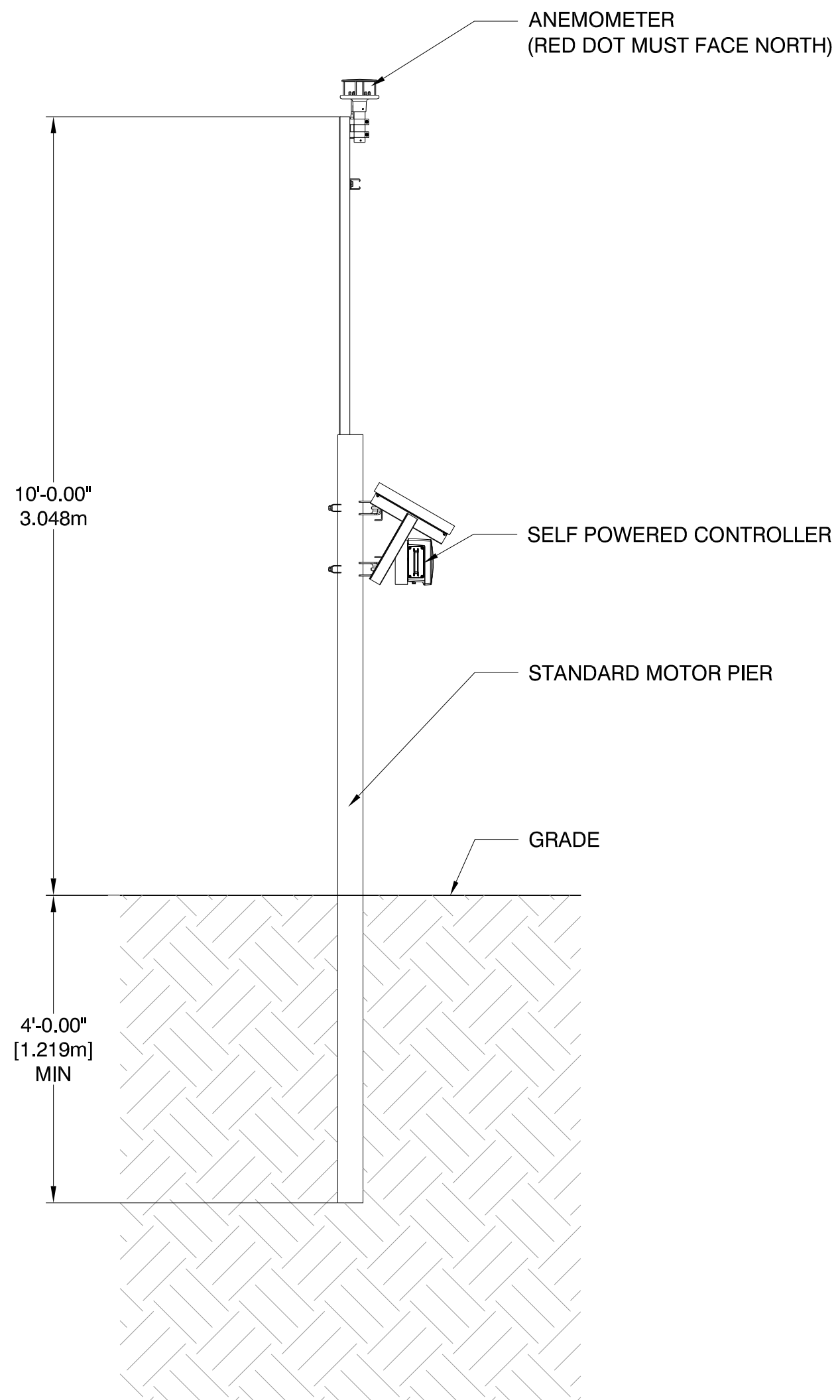
SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4.9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-8-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE
SHEET NO.:	

S-701



IF BAR IS NOT ONE INCH,
PRINT IS NOT TO SCALE

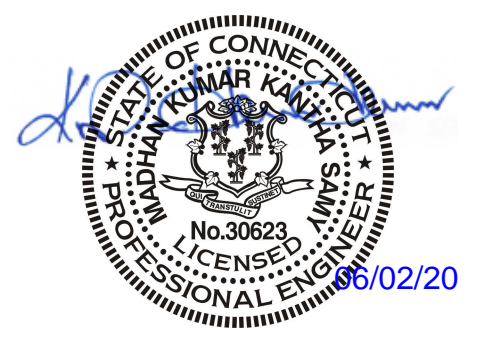


NCU PLAN KEY	
SYMBOL	DESCRIPTION
■	NCU
⊙	WIND SENSOR, WEATHER STATION
▲	SNOW SENSOR, WEATHER STATION

NEXTracker
A Flex Company
NEXTracker Inc.
6200 Paseo Padre Parkway
Fremont, CA 94555

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SEAL



STRUCTUROLOGY
CONSULTING STRUCTURAL ENGINEERS

THESE PLANS HAVE BEEN PREPARED BY OTHERS AND SEALED BY STRUCTUROLOGY LLC FOR CONFORMANCE OF STRUCTURAL ITEMS ONLY.

CS ENERGY
NORTH STONINGTON
CT, NORTH AMERICA
US

PROJECT NUMBER:

510063

SITE ID:

001035

SHEET TITLE:

NCU PLAN

NO.	REVISION	DATE	INIT.
0	ISSUE FOR PERMIT	05/18/2020	AA
1	LAYOUT UPDATED	05/18/2020	OL
2			
3			
4			
5			
6			
7			
8			

SITE DETAILS

LATITUDE	41.419684
LONGITUDE	-71.833032
SNOW LOAD	30 PSF
WIND LOAD	119 MPH ASCE 7-16
STOW STRAT.	50 STOW - 22MPH
NEXTRACKER	NX 100 2.4-9.4
81 TRACKER	6-6-7-7-6-M-6-8-8-8-6-6
54 TRACKER	6-6-6-M-6-8-8-6-6
DATE	05/18/2020
DRAWN BY	AA
CHECKED BY	LEE

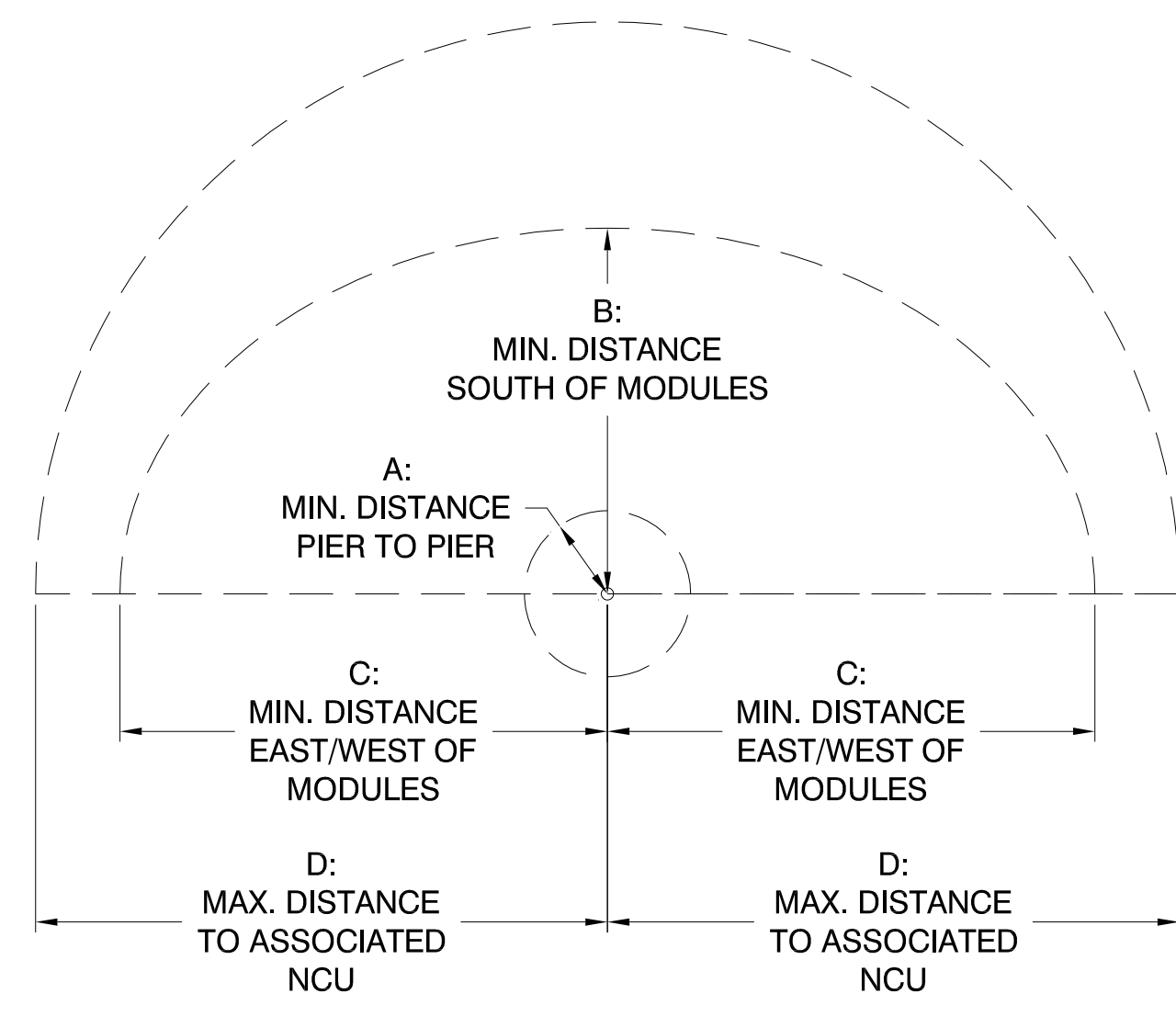
S-901

IF DIM IS NOT ONE INCH, PRINT IS NOT TO SCALE

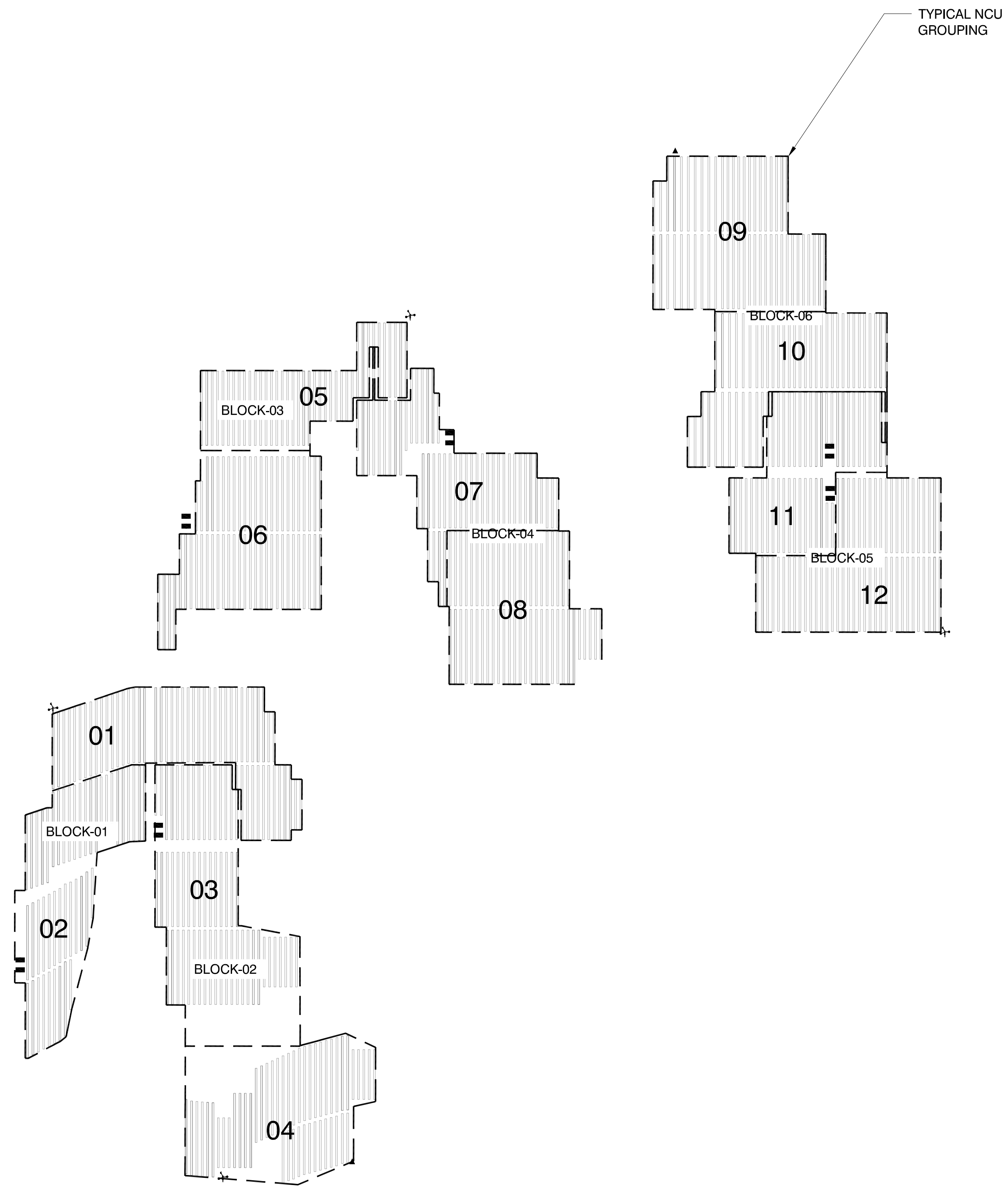
NOTES:

- NCUs ARE LOCATED AT THE EQUIPMENT PAD.
- UNISTRUT MOUNTING HARDWARE AND M8 FASTENERS WILL BE PROVIDED BY OTHER.
- SPC RANGE LABELS ARE WEST TO EAST, NORTH TO SOUTH. SEE PIER PLAN (S-2XX) FOR TRACKER COLUMN LABELS & SECTION LABELS WHICH CORRESPOND TO SPC RANGES SHOWN IN THE TABLE BELOW.
- WEATHER STATION SYMBOLS ARE SCHEMATIC. ASSOCIATED PIERS MAY BE INSTALLED +/- 50 FEET FROM LOCATION INDICATED ON PLANS IF THEY ALSO MEET THE FOLLOWING CRITERIA:

- PIER TO PIER: MIN. 3 FEET
- SOUTH OF MODULES: MIN. 13.5 FEET
- EAST/WEST OF MODULES: MIN. 18 FEET
- PIER TO ASSOCIATED NCU UNIT: MAX. 1148 FEET



NCU #	BLOCK NUMBER	SPC (RANGE)	# WIND SENSORS	# SNOW SENSORS	CHANNEL	PAN ID
01	01	106-146 240-251	01	00	15	0001
02	01	201-223 301-313 401-409	00	00	16	0002
03	02	101-116 201-216 303-327	00	00	17	0003
04	02	406-441 524-536	01	00	18	0004
05	03	109-140 142-147	01	00	19	0005
06	03	208-231 301-331	00	00	20	0006
07	04	104 201-216 312-338 414-417	00	01	21	0007
08	04	418-440 518-546	00	0	22	0008
09	05	108-129 201-220	00	01	23	0009
10	05	221-240 306-340	00	00	24	0010
11	06	101-123 201-230	00	00	25	0011
12	06	310-340 406-417 440	01	00	15	0012



1 NCU PLAN
SCALE: 1" = 300'-0"