

10038B 9 (General Split Mount Head/Foot)

D	RAWING LIST	DATE : C
DRAWING NO. 1	M1.0	GENERAL NOTES
DRAWING NO. 2	M2.0	MODULE LAYOUT
DRAWING NO. 3	M3.0	BOOM LAYOUT
DRAWING NO. 4	M4.0	STRUCTURAL LAYOUT
DRAWING NO. 5	M5.0	GRID ASSEMBLY & ELECTRICAL
DRAWING NO. 6	M6.0	LIGHTING CALCULATIONS

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GENERAL NOTES

- 1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN 2. ADEQUATE ERECTION SHORING AND BRACING AS REQUIRED FOR STABILITY OF ALL STRUCTURES DURING ALL PHASES OF CONSTRUCTION.
- IN NO CASE SHALL WORKING DRAWINGS BE SCALED 3. FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
- 4. THE CONTRACT STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURES. THEY DO NOT INDICATE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT EXISTING AND NEW STRUCTURES DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, BRACING, SHORING, ETC, FOR ALL CONSTRUCTION PHASE LOADS.
- 5. ALL WORK SHALL BE PREFORMED IN COMPLIANCE WITH 2006 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE STATE OF NEW YORK.
- 6. SEE STRUCTURAL DRAWINGS FOR CLEANSUITE SUPPORT DETAILS

STRUCTURAL STEEL

- 1. MATERIAL SHALL CONFORM AS FOLLOWS:
- 1.A. TUBE STEEL HOLLOW STRUCTURAL SECTION:
- ASTM A500 FY= 46KSI, GRADE B. 1.B. SHEET METAL: ASTM A653 FY= 36KSI
- 1.C. PIPE:ASTM A53, FY=36 KSI
- 1.D. BOLTS: (GRADE 5 EQUIVALENT)

STRUCTURAL STEEL CONT'D

2.	WELDED CONECTION
2.A.a 2.A.b	WELD MATERIAL: TENSILE STRENGTH: YEILD STRENGTH: 76 WELD TYPE: FCAW-0
3.	BOLTED CONNECTIC
	TOP, BOTTOM AND C GRADE 5 EQUIVALEN USE A HARDENED W OF NUT. HARDENED
3 A c	ASTM F436. HOLES HAVE A STAN

- NOTED. 3.A.d TIGHTEN BOLTS SNUG UNTIL ALL PLIES OF THE JOINT ARE IN FIRM
- CONTACT'

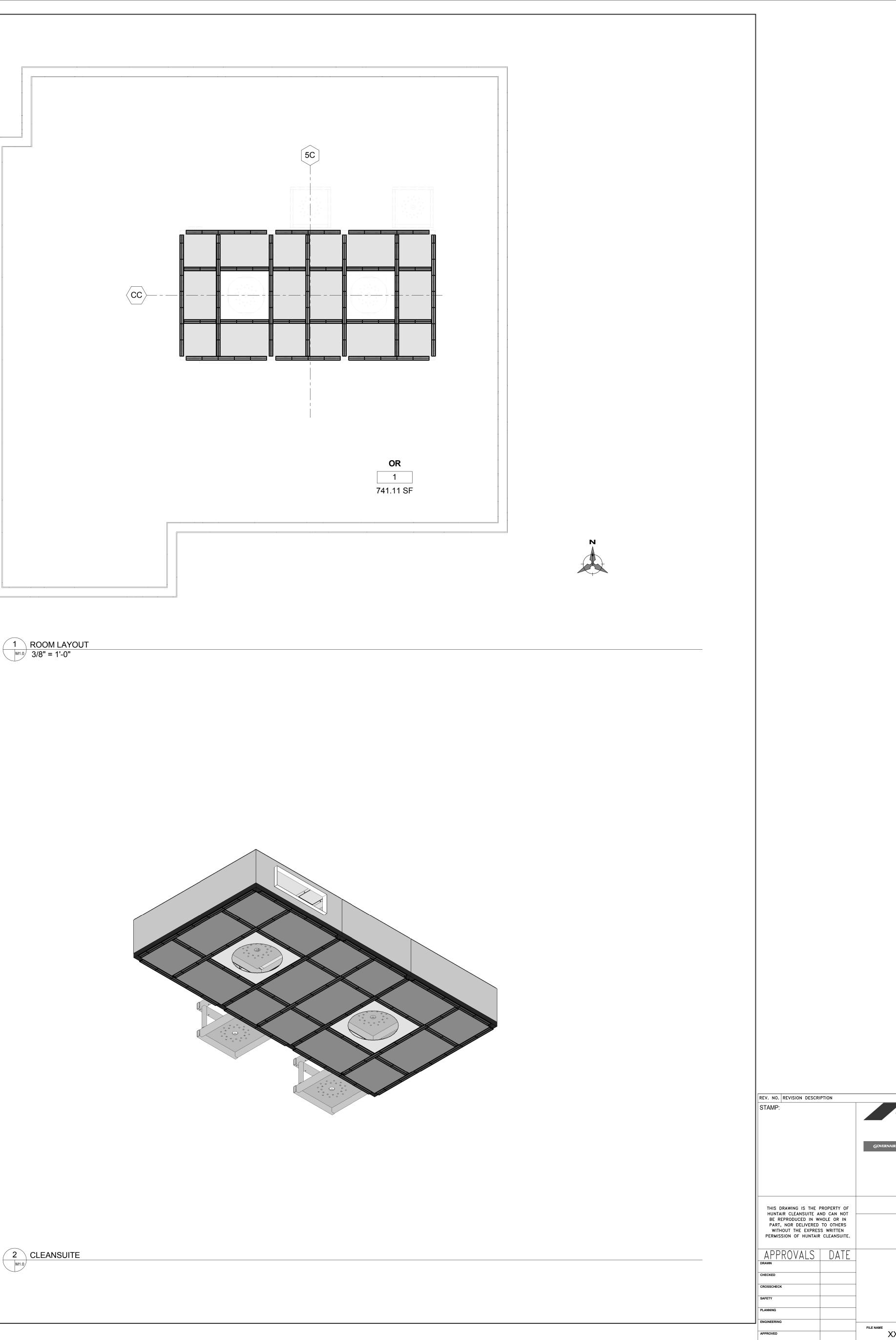
ER) ١G

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NISE RM RCH



: 09/28/2017



ONS:

: 86 KSI 76 KSI AS WELDED WITH 75/.25% -G FILL METAL E71T-7M

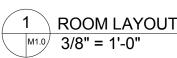
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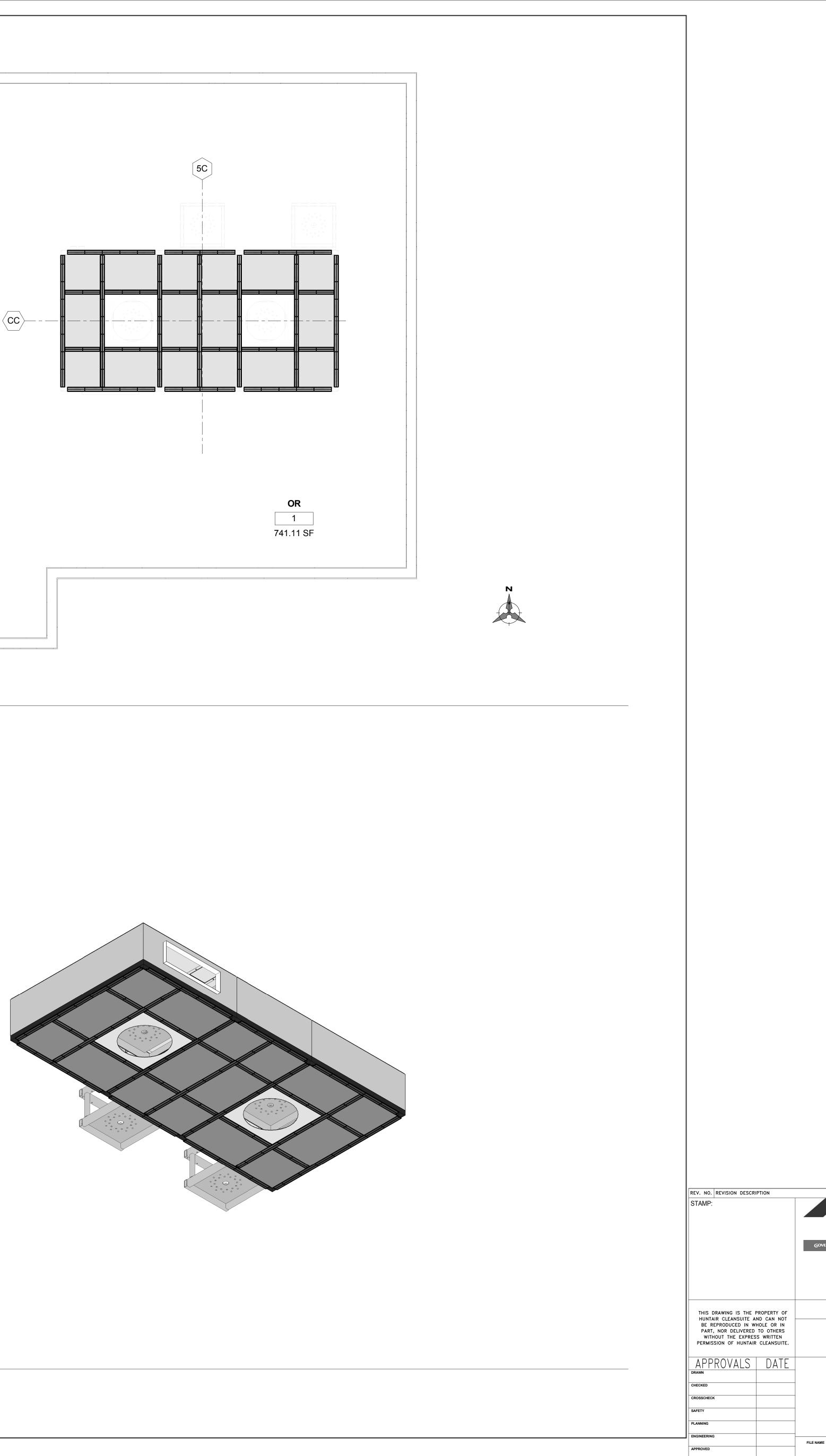
CORNERS OF CLEANSUITE CONNECTIONS: NT DIA 5/8" BOLT, 24.00" OC. WASHER BENEATH THE TURNED ELEMENT OF THE BOLT

D WASHER TO BE AT LEAST 5/16" THICK CONFORMING TO

3.A.c HOLES HAVE A STANDARD OVERSIZE CALL OUT UNLEOTHERWISE

3.A.e ENLARGE BOLT HOLES BY REAMING IF NECESSARY. DO NOT TORCH CUT.



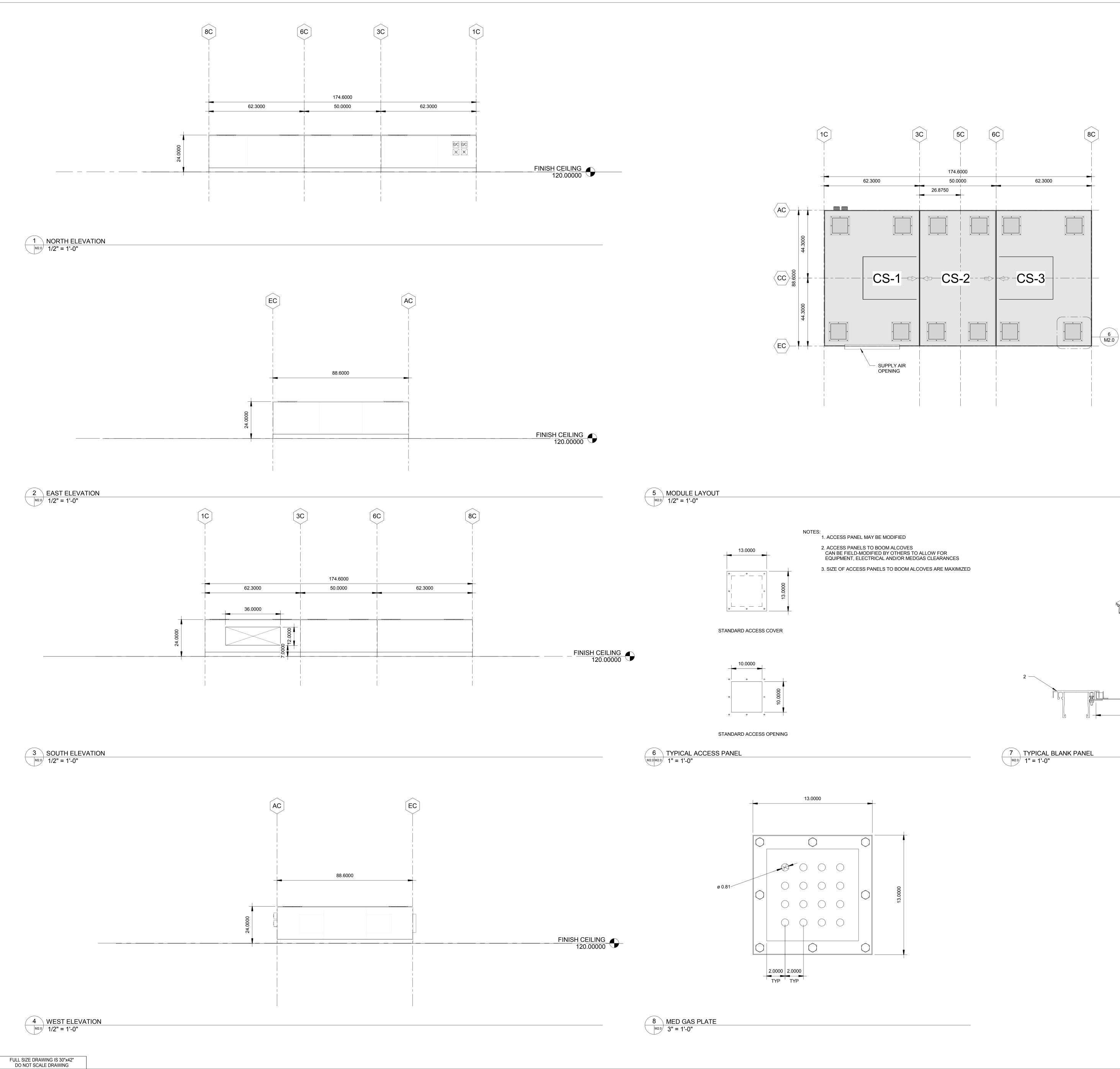


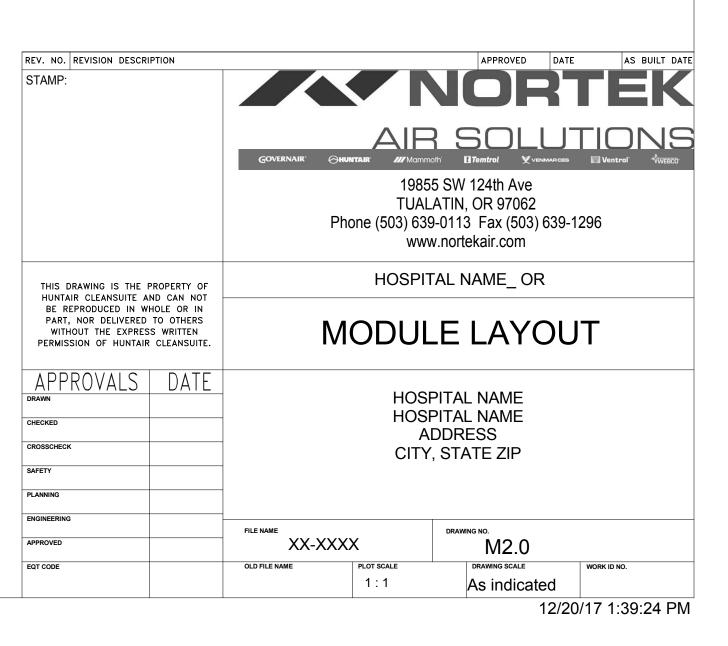


APPROVED DATE AS BUILT DATE
19855 SW 124th Ave TUALATIN, OR 97062 Phone (503) 639-0113 Fax (503) 639-1296
www.nortekair.com HOSPITAL NAME_ OR
GENERAL NOTES
HOSPITAL NAME HOSPITAL NAME ADDRESS CITY, STATE ZIP
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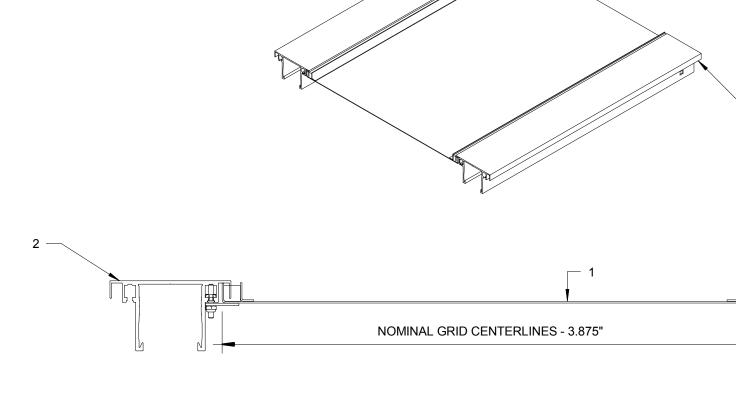
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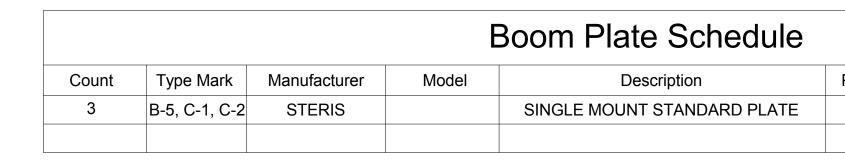




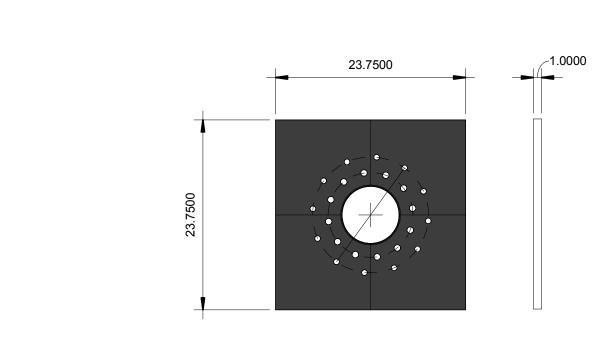


INDICATES ISO CENTER \Box > $\langle \Box$ INDICATES AIR FLOW

1. BLANK PANEL GRID 2.



1 BOOM PLATE SCHEDULE M3.0 12" = 1'-0"



3 STERIS EQUIPMENT PLATE M3.0 1" = 1'-0"

FULL SIZE DRAWING IS 30"x42" DO NOT SCALE DRAWING

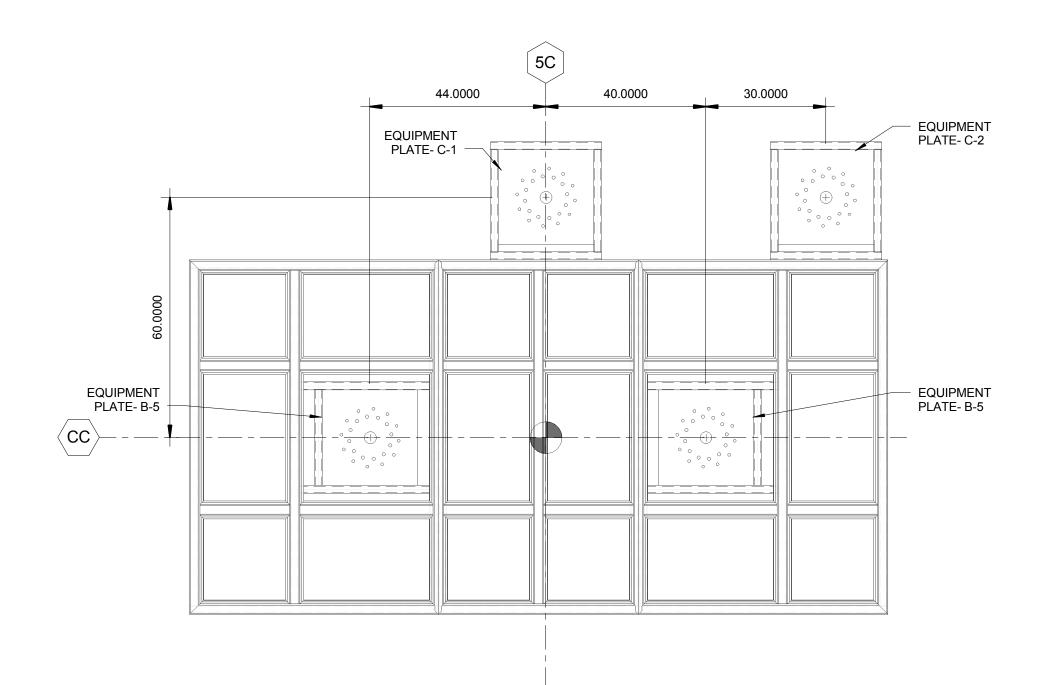


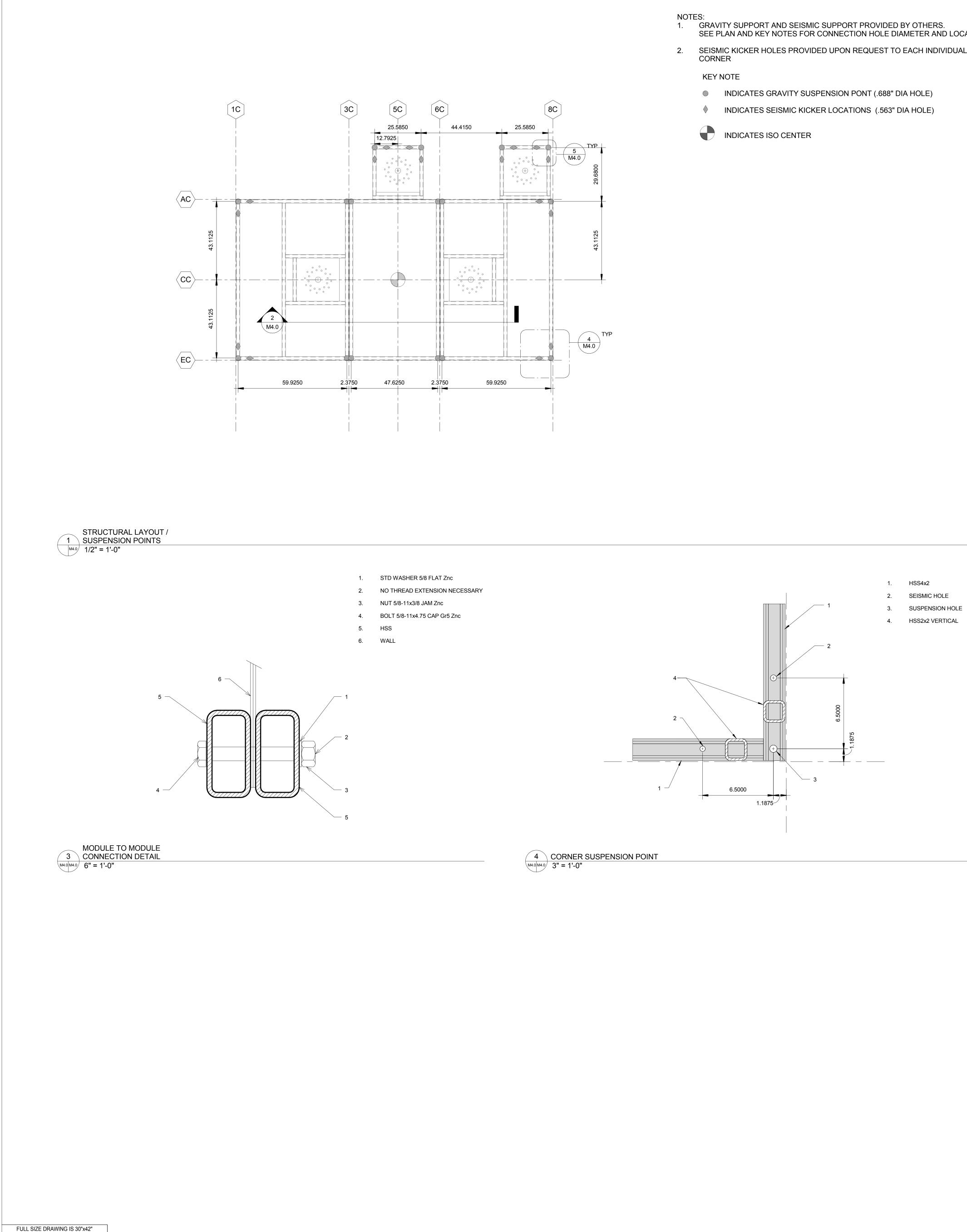
Plate Mount Height (FFC)	Comments
6.0000	23.7500x23.7500x1.0000

2 BOOM LAYOUT M3.0 1/2" = 1'-0"



INDICATES ISO CENTER

REV. NO. REVISION DESCRIPTION	APPROVED DATE AS BUILT DATE
STAMP:	NORTEK
	GOVERNAIR' OHUNTAIR II Mammoth El Temtrol Vennances El Ventrol Ventrol
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	www.nortekair.com
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APPROVALS DATE drawn checked	HOSPITAL NAME HOSPITAL NAME
CROSSCHECK	ADDRESS CITY, STATE ZIP
PLANNING ENGINEERING	
APPROVED EQT CODE	FILE NAME DRAWING NO. XX-XXXX OLD FILE NAME PLOT SCALE WORK ID NO. CLD FILE NAME DRAWING SCALE WORK ID NO.
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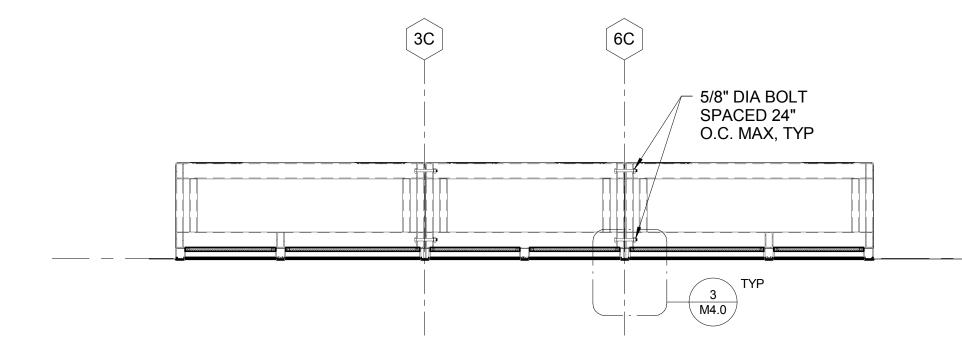


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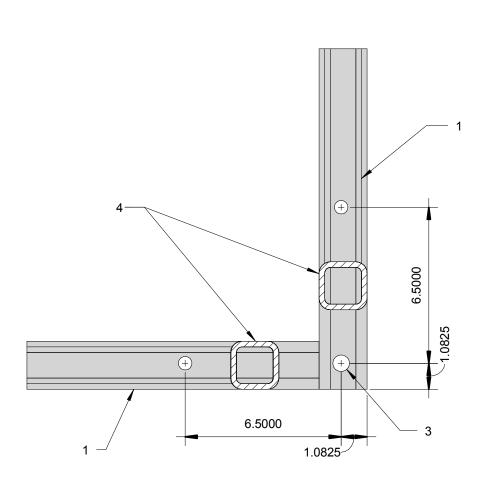
SEE PLAN AND KEY NOTES FOR CONNECTION HOLE DIAMETER AND LOCATIONS

2. SEISMIC KICKER HOLES PROVIDED UPON REQUEST TO EACH INDIVIDUAL MODULE CORNER

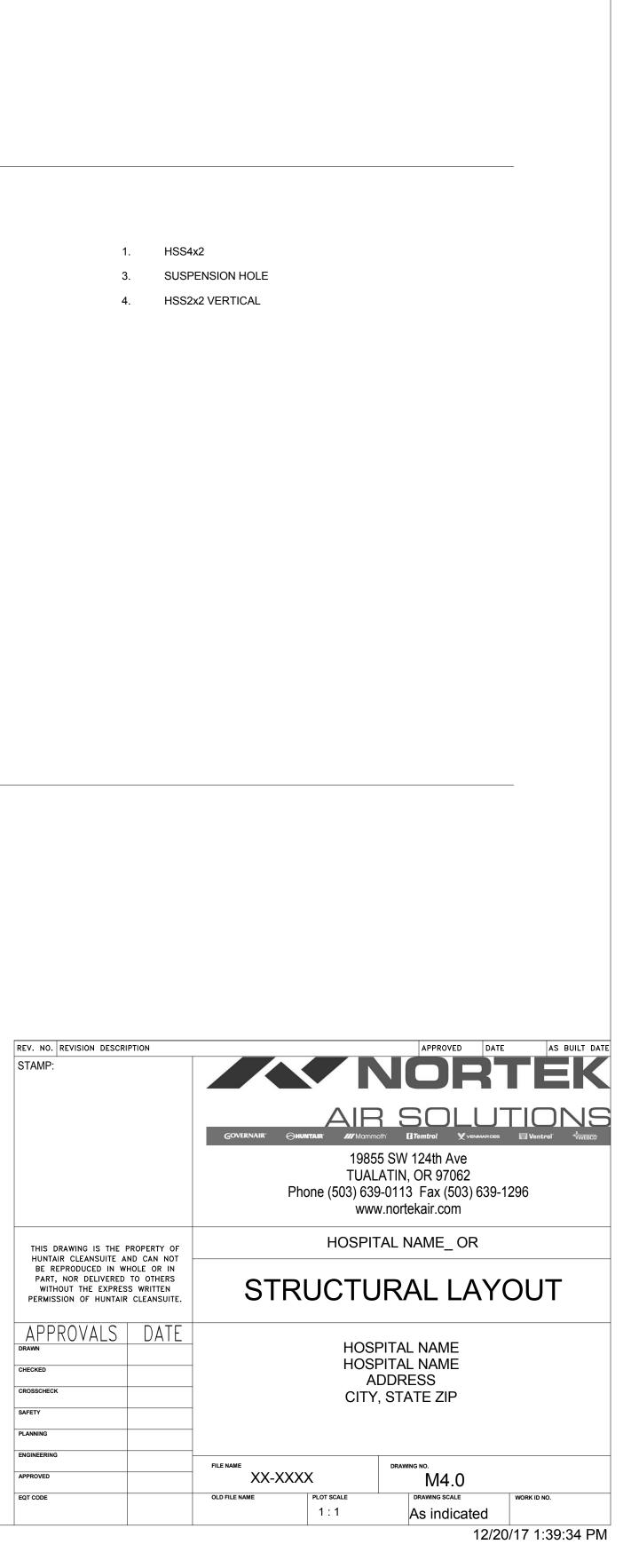




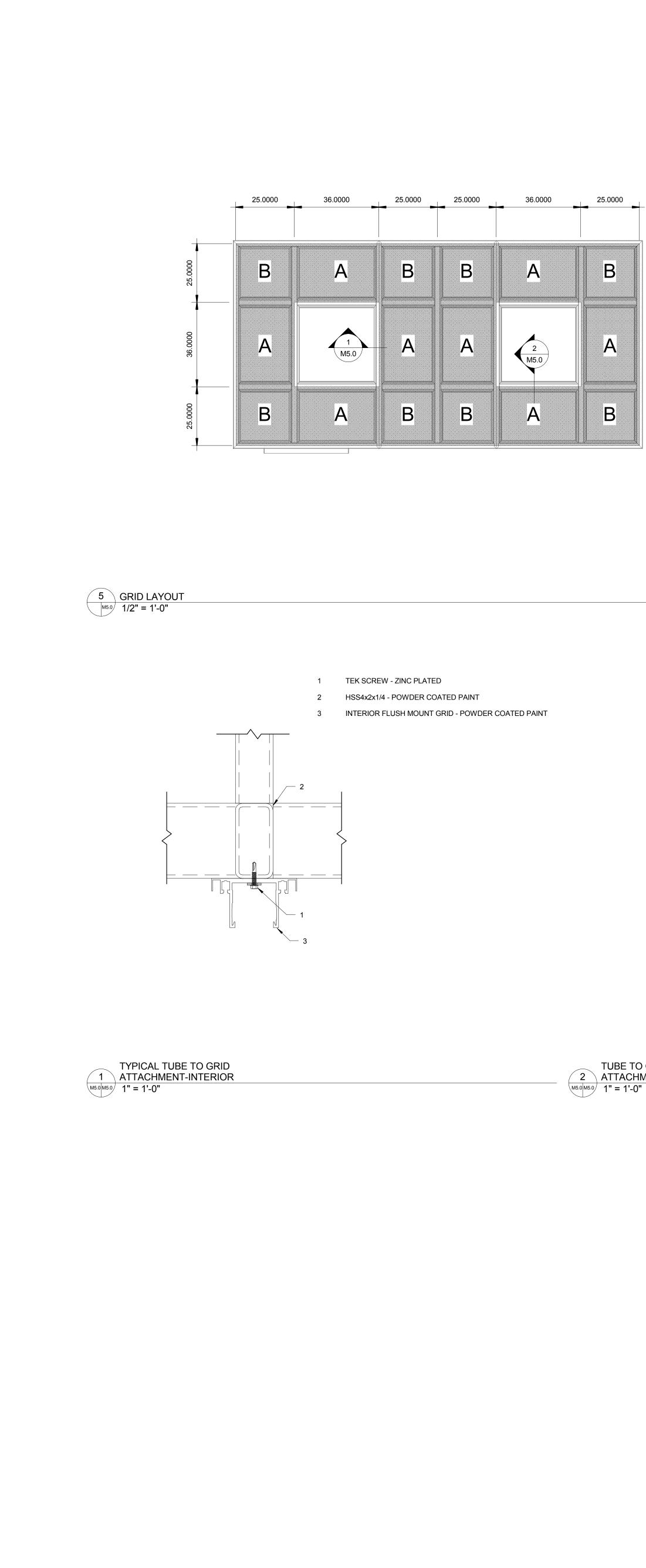
MODULE TO MODULE CONNECTION DETAIL M1.2 M4.0 1/2" = 1'-0"



TRUSS CORNER SUSPENSION 5 POINT DETAIL M4.0 M4.0 3" = 1'-0"



FINISH CEILING 120.00000



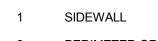
Air Filter/ Diffuser Schedule												
Type Mark	Count	Description	Model	Manufacturer	Comments							
A	8		DIFFUSER	HUNTAIR								
B 8 DIFFUSER HUNTAIR												
Grand total: 16												

<u>SYSTEM SIZING</u>

CFM: 2117.5 DIFA: 84.7 SF VELOCITY: 25 FPM

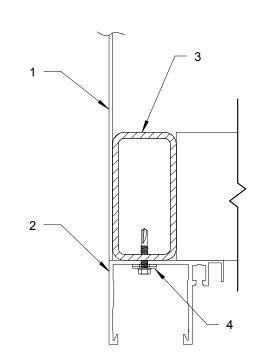
CFM: 2964.5 DIFA: 84.7 SF VELOCITY: 35 FPM

6 LIGHTING LAYOUT M5.0 1/2" = 1'-0"



PERIMETER GRID 3 HSS4x2x1/4

4 TEK SCREW



TUBE TO GRID 2 ATTACHMENT-EXTERIOR M5.0 M5.0 1" = 1'-0"

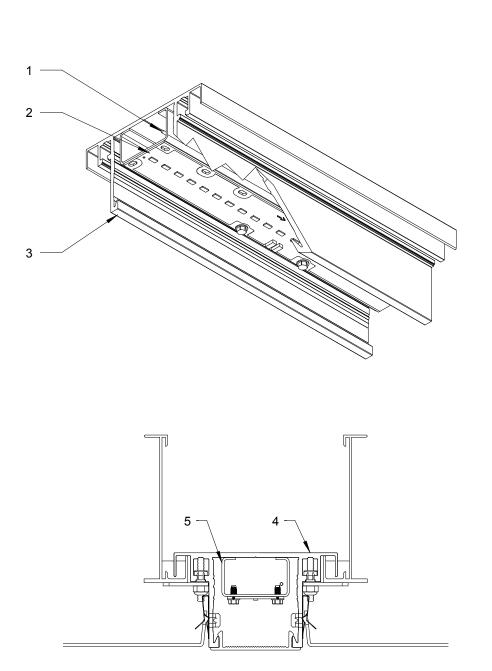
3 TYP LED LIGHTING DETAIL M5.0 M5.0 1/2" = 1'-0"

NOTE:

- 1. LED LENS IS CLEAR-DIFFUSER LIGHTING ON (2) CIRCUITS (PERIMETER AND INTERIOR)
 (2) J-BOXES PROVIDED PER CIRCUIT

 (1) 120/277VAC POWER
 (1) 0-10V LED DIMMING CONTROL
- 4. PERIMETER WATTAGE = 291.3 INTERIOR WATTAGE = 443.8

J B	OX	° ° +			°°°° ⊕°°°° °°°
				3 M5.0	
7.5 7.	5 °°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	5 7.5	7.5 ○		7.



- 1 LIGHT FIXTURE
- 2 LED STRIP
- 3 LENS CLIP IN EXTRUSION
- 4 2.6 BOTTOM LOAD GRID EXTRUSION
- 5 LED MOUNTING STRUT

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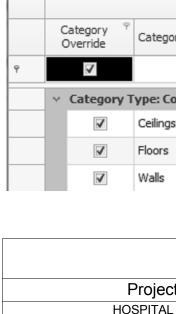
3. LOW VOLTAGE AND ELECTRICAL WIRING FOR BOOMS ARE WIRED DIRECTLY TO BOOM AND PROVIDED BY OTHERS

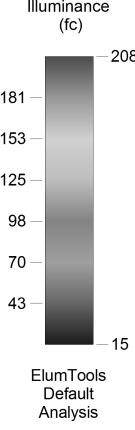


Manufacturer Huntair 26-LE	Model ED03-0.188-WOR-		Count 112		2 Loss Factor 0.91		aire Lumens 540 lm	Watta 0 W	ge	[LUMI [MC [MO [MO] [MO	[TESTLAE INAIRE]EXTRUDED DRE]FINISH, FABRI RE]WHITE CIRCUI RE]PRISMATIC PL/ [LAMP]TWENTY-TV [MORE]A 4'(88 L DRE]REPRESENT A [OT 222 0 2.5 5 7.5 10 12.5	IESNA [TES]INDEPENDENT [ISSUEI [MANUFAC]HI [LUMCAT]26-LEI 0 METAL HOUSIN ICATED SEMI-SP T BOARD WITH 2 ASTIC LENS. LEN [MORE] WO WHITE MULT [MORE]VERTICA WAS PRORATED ED) LUMINAIRE. (MORE]VERTICA WAS PRORATED ED) LUMINAIRE. (MORE]TEST PROM [MORE]TEST PROM [MORE]TEST PROM [MORE]TEST PROM [ABSOLU 2-1 1 37 5 1 1 0.2	ric File Data M-63-2002 ITL85091 ESTING LABORATORIES, INC. ATE]07/14/15 NTAIR CLEANPAK 03-0.188-WOR-WPCL WITH WHITE PAINTED GENERAL INTERIOR CULAR METAL CIRCUIT BOARD MOUNT, 1 2 LEDS, EXTRUDED TRANSLUCENT LINEAR 3 PRISMS IN AND PARALLEL WITH LENGTH F HOUSING. CHIP LIGHT EMITTING DIODES (LEDS), BASE-UP POSITION. FROM ITL TEST NUMBER 80138 WHICH WAS HE DATA WAS DIVIDED BY FOUR TO TH 22 LEDS. ACTUAL PERFORMANCE MAY EJVARY. EDURE: IESNA LM-79-08 STANCE = 35.0 FEET ELUMENSJ540 =NONE 3333 0.973958 0.005208 1 0 5 27.5 30 32.5 35 37.5 40 42.5 45 47.5 50 20 72.5 75 77.5 80 82.5 85 87.5 90	OmniClass Numl 23.80.70.11	ber OmniClass Title Luminaries for Internal Lighting
								LIG	HTING FIXTUF	RE SCHEDU	ILE				
		2018													
• 19	•	• 24	• 29	• 35	• 42	• 47	• 50	• 52	• 52	• 50	• 47	• 43	• 39	— 15 pols llt sis	
• 22	•	• 30	• 36	• 44	• 52	• 59	6 4	66	66	63	• 59	5 3	• 47 • 47 70 –		Project NameProject NumberCalculation Points NameAverageMinimumMaximHOSPITAL NAME_ORXX-XXXXSTERIS 5085 General Surgical Table201 fc191 fc208 fcHOSPITAL NAME_ORXX-XXXXOR 10R 168 fc15 fc141 fc
• 25	•	• 36	• 45	• 56	67	• 77	● 83	• 87	● 86	82	• 76	67	• ⁵⁸ 153 – 125 –		Image: Second and and a second and and a second and a second and a second and
• 28	٠	• 42	• 55	• 70	● 86	• 99	• 108	• 113	• 112	106	• 96	• 84		nce —208	Override If yee If y
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• 33	•	5251	7069	9392	116115		193 197 201193 197 200	207 208 2206 207 2	207 206 205 ⁸⁰ 203 20 208 207 206 204 20 208 207 206 204 20 206 205 204 202 19 82	2 198 195 1 198 194	126125	111110	• 91		TOLERANCES IN CALCULATION METHODS, TESTING PROCEDURES, COMPONENT PERFORMANCE, MEASUREMENT TECHNIQUES AND FIELD CONDITIONS SUCH AS VOLTAGE AND TEMPERATURE VARIATIONS. INPUT DATA USED TO GENERATE THE ATTACHED CALCULATIONS SUCH AS ROOM DIMENSIONS, REFLECTANCES, FURNATURE AND ARCHITECTURAL ELEMENTS SIGNIFICANTLY AFFECT THE LIGHTING CALCULATIONS. IF THE REAL ENVIORMENT CONDITIONS DO NOT MATCH THE INPUT DATA, DIFFERENCES WILL OCCUR BETWEEN MEASURED VALUES AND THE CALCULATED VALUES.
• 32	•	• 49	● 66	● 86	• 107	• 124	1 36	• 141	• 140	• 132	• 119	• 102	• 85		DISCLAIMER CALCULATIONS HAVE BEEN PERFORMED ACORDING TO IES STANDARDS AND GOOD PRACTICE, SOME DIFFERENCES BETWEEN MEASURED VALUES AND CALCULATED RESULTS MAY OCCUR DUE TO
• 30	٠	• 45	● 58	• 74	• 90	• 104	• 114	• 118	• 117	• 111	• 101	● 87	• 74		
• 28	٠	• 39	• 49	• 60	• 72	• 82	• 89	• 92	• 92	• 87	● 80	• 71	• 61		 WALL LOCATIONS ARE APROXIMATE. LIGHT LOSS FACTOR: 0.91 ONLY DIRECT LIGHT IS CALCULATED.
	٠	• 34	• 41	• 49	• 57	63	68	• 71	• 70	67	63	5 6	• 50		 CALCULATION GRID HEIGHT ABOVE THE FLOOR: 3 FT (STANDARD TABLE HEIGHT) EXTERNAL LIGHTING NOT INCLUDED. SHARED LIGHT IS NOT INCLUDED.
	•	• 30	• 35	• 40	• 46	• 51	• 54	• 56	• 56	• 54	• 51	• 46	• 41		 GENERAL NOTES 1. THESE RESULTS ARE ESTIMATED. 2. LUMINAIRE HEIGHT : 10 FT

1LIGHTING CALCULATIONM6.01/2" = 1'-0"

1.	THESE RE
2.	LUMINAIR
3.	CALCULA
4.	EXTERNA
5.	SHARED L
6.	WALL LOC
7.	LIGHT LOS





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HTING CALCULATIONS			
HOSE	PITAL NAME PITAL NAME DDRESS , STATE ZIP		
X-XXXX	drawing no. M6.0		
PLOT SCALE 1:1	drawing scale As indicat		DRK ID NO.
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