THE LINE SHOWN ABOVE IS EXACTLY ONE INCH ON ORIGINAL PAPER SIZE SHEETS

CODE SUMMARY:

1. THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2018 NORTH CAROLINA BUILDING CODE, IBC 2015, WITH AMENDMENTS. ASCE 7-16 HAS BEEN UTILIZED IN ITS ENTIRETY IN LIEU OF ASCE 7-10

DESIGN LOADS:

ROOF -	LIVE		20	PSF	
	SNOW	P_g GROUND	10	PSF	
		P_f FLAT ROOF LOAD	12	PSF	INCLUDES 5 PSF RAIN SURCHARGE
		C_e EXPOSURE FACTOR	1.0		
		I_s IMPORTANCE FACTOR	1.0		
		C_t TEMPERATURE FACTOR	1.0		
	DEAD		20	PSF	TOTAL
			2.5	PSF	ROOF
			1.5	PSF	INSULATION
			2.0	PSF	METAL ROOF DECKING
			5.0	PSF	STEEL FRAMING
			2.0	PSF	CEILING
			7.0	PSF	M-E-P-S
S.O.M.D.-	LIVE		100	PSF	
	DEAD		75	PSF	
S.O.G. -	LIVE		100	PSF	
	DEAD		65	PSF	SELF WEIGHT OF CONCRETE

WIND:

VELOCITY

V_{ult}	144	MPH
V_{asd}	111.5	MPH
RISK CATEGORY	II	
EXPOSURE CATEGORY	B	
INTERNAL PRESSURE COEFFICIENT	+/-0.18	

ALL MWFRS AND C & C DESIGN PRESSURES SHOWN ARE ULTIMATE WIND LOAD VALUES

P DESIGN PRESSURE FOR MAIN WIND FORCE RESISTING SYSTEM

HORIZONTAL ZONE A	32.94	PSF
HORIZONTAL ZONE B	-17.06	PSF
HORIZONTAL ZONE C	21.84	PSF
HORIZONTAL ZONE D	-10.16	PSF
VERTICAL ZONE E	-39.54	PSF
VERTICAL ZONE F	-22.48	PSF
VERTICAL ZONE G	-27.52	PSF
VERTICAL ZONE H	-17.40	PSF
OVERHANG ZONE E_{oh}	-55.38	PSF
OVERHANG ZONE G_{oh}	-43.34	PSF

ROOF DECK, FASTENERS, & FASTENING PATTERNS HAVE BEEN DESIGNED ASSUMING UNIFORM UPLIFT PRESSURES. ROOF MEMBRANE & INSULATION ATTACHMENTS SHALL BE DESIGNED TO TRANSFER UNIFORM UPLIFT PRESSURES.

P DESIGN PRESSURE FOR COMPONENTS & CLADDING - NEGATIVE PRESSURE TABLE

		EFFECTIVE AREA			
		10SF	20SF	50SF	100SF
ROOF ZONE	**1**	-59.52	-55.58	-50.40	-46.50
ROOF ZONE	**1'**	-34.18	-34.18	-34.18	-34.18
ROOF ZONE	**2**	-78.50	-73.42	-66.76	-61.74
ROOF ZONE	**3**	-106.96	-96.90	-83.54	-73.42
WALL ZONE	**4**	-40.48	-38.86	-36.64	-34.92
WALL ZONE	**5**	-50.00	-46.60	-42.16	-38.86
OVERHANG ZONE	**1_{oh} & $1'_{oh}$**	-53.80	-52.86	-51.58	-50.64
OVERHANG ZONE	**2_{oh}**	-72.78	-66.08	-57.20	-50.44
OVERHANG ZONE	**3_{oh}**	-101.28	-89.50	-73.92	-62.18

IN ACCORDANCE WITH ASCE 7-16, THE DESIGN WIND PRESSURE FOR COMPONENTS AND CLADDING SHALL NOT BE LESS THAN THE VALUES SHOWN IN THE POSITIVE OR NEGATIVE PRESSURE TABLES OR A NET ULTIMATE PRESSURE OF 16 PSF ACTING IN EITHER DIRECTION NORMAL TO THE SURFACE.

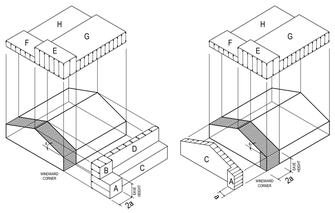
P DESIGN PRESSURE FOR COMPONENTS & CLADDING - POSITIVE PRESSURE TABLE

	EFFECTIVE AREA			
	10SF	20SF	50SF	100SF
ALL ROOF ZONES	15.18	14.20	13.02	12.04
ALL WALL ZONES	37.38	35.70	33.44	31.76

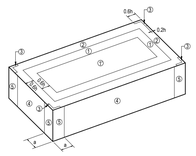
PERIMETER WIDTH a = 12.0 FT

WIND BASE SHEAR V_x = 104.87 K
V_y = 219.53 K

MAIN WIND FORCE RESISTING SYSTEM DIAGRAMS



COMPONENTS & CLADDING ZONE DIAGRAM



SEISMIC:

S_s =	0.165	
S_1 =	0.071	
S_{ds} =	0.176	
S_{d1} =	0.114	

SEISMIC RISK CATEGORY	II
IMPORTANCE FACTOR, I_E	1.0
SITE CLASS	D
DESIGN CATEGORY	B
SEISMIC FORCE RESISTING SYSTEM	
X - DIRECTION	ORDINARY PRECAST SHEARWALLS
Y - DIRECTION	ORDINARY PRECAST SHEARWALLS
RESPONSE MODIFICATION FACTOR, R	
X - DIRECTION	3.0
Y - DIRECTION	3.0
C_s, SEISMIC RESPONSE COEFFICIENT	
X - DIRECTION	0.0587
Y - DIRECTION	0.0587
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE
SEISMIC BASE SHEAR	V_x = 345.34 K
	V_y = 345.34 K

2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH SITE, ARCHITECTURAL, PLUMBING, MECHANICAL, ELECTRICAL DRAWINGS, AND APPLICABLE INFORMATION FURNISHED BY MATERIALS AND EQUIPMENT SUPPLIERS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT WORK OF ALL TRADES IS COORDINATED WITH THE STRUCTURAL WORK.

3. CONFIRM ALL DIMENSIONS WITH ARCHITECTURAL AND SITE DRAWINGS PRIOR TO CONSTRUCTION

4. PROOF-ROLL SUBGRADE AND SUBBASE BELOW BUILDING SLABS WITH HEAVY PNEUMATIC-TIRED TRUCK TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. PROOF-ROLL WITH A LOADED, TANDEM-AXLE TRUCK WEIGHING AT LEAST 15-TONS. COMPLETELY PROOF-ROLL IN ONE DIRECTION AND REPEAT IN THE PERPENDICULAR DIRECTION. LIMIT VEHICLE SPEED TO 5mph. RECONSTITUTE ANY AREAS THAT PUMP OR RUT 1/2 INCH OR MORE, THEN REPERFORM THE PROOF-ROLL IN THOSE AREAS.

CONCRETE:

1. CONCRETE HAS BEEN DESIGNED IN ACCORDANCE WITH ACI 318-14 "BUILDING REQUIREMENTS FOR REINFORCED CONCRETE". CONCRETE WORK SHALL COMPLY WITH PROVISIONS OF THE CURRENT EDITIONS OF THE FOLLOWING CODES, SPECIFICATIONS, AND STANDARDS. EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE REQUIRED.

A. **AMERICAN CONCRETE INSTITUTE**
- ACI 117 "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS"
- ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
- ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES"
- ACI 347 "RECOMMENDED PRACTICE FOR CONCRETE FORMWORK"
- ACI SP-15 "FIELD REFERENCE MANUAL"

B. **CONCRETE REINFORCING STEEL INSTITUTE**
- "CRSI MANUAL OF STANDARD PRACTICE FOR REINFORCING PLACEMENT"

C. **AMERICAN WELDING SOCIETY**
- AWS D1.4

2. REINFORCING STEEL SHALL BE GRADE 60, DEFORMED TYPE, CONFORMING TO ASTM A615. WELDED WIRE FABRIC SHALL BE COLD-DRAWN, RESISTANCE WELDED TYPE, CONFORMING TO ASTM A1064 REQUIREMENTS. MILL TEST REPORTS FOR REINFORCEMENT SHALL BE SUBMITTED FOR REVIEW. REINFORCEMENT SHALL BE CLEAN OF ICE, MUD, OIL, OR OTHER DELETERIOUS COATINGS THAT DECREASE BOND AT TIME OF CONCRETE PLACEMENT. REINFORCEMENT SHALL BE PLACED WITHIN REQUIRED TOLERANCES AND SUPPORTED TO PREVENT DISPLACEMENT BEYOND REQUIRED TOLERANCES DURING CONCRETE PLACEMENT.

3. CONCRETE SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

APPLICATION	WEIGHT	MIN. f_c'		NOM. MAX. AGG.	MAX. w/cm	% AIR ENTRAINMENT
FOUNDATIONS	NORMAL	3000	PSI	3/4"	N/A	N/A
SLAB ON GRADE	NORMAL	3500	PSI	1 1/2"	N/A	N/A
ELEVATED FLOORS	NORMAL	3500	PSI	3/4"	N/A	N/A
TILT-UP PANELS	NORMAL	4000	PSI	3/4"	0.55	N/A
EXTERIOR PAVING	NORMAL	N/A	PSI	N/A	N/A	N/A

4. PORTLAND CEMENT SHALL BE TYPE I OR III, CONFORMING TO ASTM C150 REQUIREMENTS TO MAINTAIN THE MINIMUM COVER INDICATED ON THE DETAILS. PROVIDE NORMAL WEIGHT AGGREGATES CONFORMING TO ASTM C33. FLY ASH SHALL CONFORM TO ASTM C618. MIXING WATER SHALL CONFORM TO ASTM C1602. ADMIXTURES FOR WATER REDUCTION OR SETTING TIME MODIFICATIONS SHALL CONFORM TO ASTM C494. AIR ENTRAINMENT ADMIXTURES SHALL CONFORM TO ASTM C260.

5. DOCUMENTATION OF CONCRETE MIXTURE CHARACTERISTICS SHALL BE SUBMITTED TO ENGINEER FOR REVIEW BEFORE THE MIXTURE IS USED AND BEFORE MAKING CHANGES TO MIXTURES ALREADY IN USE.

6. CEMENTITIOUS MATERIALS AND AGGREGATES SHALL BE STORED TO PREVENT DETERIORATION OR CONTAMINATION PRIOR TO BATCHING. MATERIAL THAT HAS DETERIORATED, OR HAS BEEN CONTAMINATED SHALL NOT BE USED IN CONCRETE. CONCRETE SHALL BE BATCHED, MIXED, AND DELIVERED IN ACCORDANCE WITH ASTM C94 OR ASTM C685.

7. DEBRIS AND ICE SHALL BE REMOVED FROM SPACES TO BE OCCUPIED BY CONCRETE BEFORE PLACEMENT.

CONCRETE (cont'd):

8. CONCRETE SHALL NOT BE PUMPED THROUGH PIPE MADE OF ALUMINUM OR ALUMINUM ALLOYS. EQUIPMENT USED TO CONVEY CONCRETE FROM THE MIXER TO THE LOCATION OF THE FINAL PLACEMENT SHALL HAVE ADEQUATE CAPABILITIES TO ACHIEVE THE PLACEMENT REQUIREMENTS.

9. CONCRETE STRENGTH TEST SPECIMENS SHALL BE AT LEAST TWO 6 x 12 in. CYLINDERS OR AT LEAST THREE 4 x 8 in. CYLINDERS MADE FROM THE SAME SAMPLE OF CONCRETE. SAMPLING OF CONCRETE FOR STRENGTH TEST SPECIMENS SHALL BE IN ACCORDANCE WITH ASTM C172. CYLINDERS FOR STRENGTH TESTS SHALL BE MADE AND STANDARD-CURED IN ACCORDANCE WITH ASTM C31 AND TESTED IN ACCORDANCE WITH ASTM C39. THE TESTING AGENCY PERFORMING ACCEPTANCE TESTING SHALL COMPLY WITH ASTM C1077. ALL REPORTS OF ACCEPTANCE TESTS SHALL BE PROVIDED TO THE ENGINEER, CONTRACTOR, AND CONCRETE PRODUCER.

10. SAMPLES FOR PREPARING STRENGTH TEST SPECIMENS OF EACH CONCRETE MIXTURE PLACED EACH DAY SHALL BE TAKEN IN ACCORDANCE WITH THE FOLLOWING:
1. AT LEAST ONCE A DAY
2. AT LEAST ONCE FOR EACH 150 yd^3 OF CONCRETE
3. AT LEAST ONCE FOR EACH 5,000 ft^2 OF SURFACE AREA FOR SLABS OR WALLS

11. IF THE TOTAL VOLUME OF CONCRETE IS SUCH THAT THE FREQUENCY OF TESTING OUTLINED ABOVE WOULD PROVIDE FEWER THAN FIVE STRENGTH TESTS FOR A GIVEN CONCRETE MIXTURE, STRENGTH TEST SPECIMENS SHALL BE MADE FROM AT LEAST 5 RANDOMLY SELECTED BATCHES OR FROM EACH BATCH IF FEWER THAN FIVE BATCHES ARE USED.

12. GROUT BASE PLATES WITH A NONSHRINKABLE, NON-METALLIC GROUT CONFORMING TO ASTM C1107. THE GROUT SPECIFIED COMPRESSIVE STRENGTH IS 5000 PSI AT 28 DAYS. DO NOT PRE-GROUT BASEPLATES.

13. POST-INSTALLED ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. POST-INSTALLED ADHESIVE ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII).

14. FOUNDATION DESIGN IS BASED A SOIL BEARING PRESSURE OF 1,500 PSF FOR THE LIGHTLY LOADED CANOPY STRUCTURES AS PROVIDED IN THE GEOTECHNICAL REPORT PREPARED BY ECS SOUTHEAST, LLC. ECS PROJECT No. 22:35550, DATED FEBRUARY 12, 2025. BUILDING COLUMN AND WALL FOUNDATIONS HAVE BEEN DESIGNED BASED ON A SOIL BEARING CAPACITY OF 5,000 AS A RESULT OF SOIL IMPROVEMENTS (RIGID INCLUSIONS) PERFORMED BY A DELEGATED DESIGNER. SOIL BEARING PRESSURE IS TO BE VERIFIED BY THE GEOTECHNICAL ENGINEER, OR THEIR REPRESENTATIVE PRIOR TO CONSTRUCTION.

15. DO NOT PLACE CONDUIT OR PIPES IN ANY CONCRETE ELEMENTS INCLUDING SLABS, BEAMS, WALLS, OR COLUMNS UNLESS INDICATED IN THE STRUCTURAL DOCUMENTS OR APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.

16. TILT-UP PANELS AND TILT-UP PANEL EMBEDS SHALL BE DELEGATED DESIGN BY THE TILT-UP CONTRACTOR FOR THE DESIGN LOADS SHOWN IN THESE DOCUMENTS. SHOP DETAILS BEARING THE SEAL OF AN ENGINEER LICENSED IN THE PROJECT STATE, SHOWING PANEL DIMENSIONS, REINFORCEMENT DETAILS, AND EMBED LOCATIONS & DETAILS ARE TO BE PROVIDED BY THE CONTRACTOR FOR REVIEW PRIOR TO CONSTRUCTION. TILT-UP PANELS ARE TO BE PREPARED TO SPF-2, AS DEFINED IN ACI 301, U.N.O.

17. DURING ERECTION, TILT-UP PANELS SHALL BE SUPPORTED AND BRACED TO ENSURE PROPER ALIGNMENT, STRENGTH, AND STABILITY UNTIL PERMANENT CONNECTIONS ARE COMPLETED. DESIGN AND DETAILS OF LIFTING DEVICES, EMBEDMENTS, AND RELATED REINFORCEMENT REQUIRED TO RESIST TEMPORARY ERECTION AND BRACING LOADS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW.

18. CONTRACTOR SHALL DESIGN, FABRICATE, INSTALL, AND REMOVE ALL FORMWORK. DESIGN OF FORMWORK SHALL CONSIDER METHOD OF CONCRETE PLACEMENT, RATE OF CONCRETE PLACEMENT, CONSTRUCTION LOADS, AND REASONABLE AVOIDANCE OF DAMAGE TO PREVIOUSLY CONSTRUCTED MEMBERS.

STEEL:

1. SPECIFICATIONS: STRUCTURAL STEEL IS DESIGNED, AND SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH:
1.) **THE STEEL CONSTRUCTION MANUAL, 14TH EDITION**
PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.

2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

STRUCTURAL STEEL W-SHAPES	ASTM A992	F_y = 50ksi
MISC. BARS, PLATES, & THREADED RODS	ASTM A36	F_y = 36ksi
MISC. CHANNELS and ANGLES	ASTM A36	F_y = 36ksi
RECT. STRUCTURAL TUBING	ASTM A500 GRADE C	F_y = 50ksi
ROUND STRUCTURAL TUBING	ASTM A500 GRADE C	F_y = 50ksi
PIPES	ASTM A53 GRADE B	F_y = 35ksi

3. ALL WELDING SHALL CONFORM TO ANSI/AWS D1.1 STRUCTURAL WELDING CODE USING E70XX ELECTRODES. METAL DECK MAY BE PUDDLE WELDED TO STRUCTURE USING E6022 ELECTRODES. ALL WELDING SHALL BE DONE BY WELDERS QUALIFIED UNDER ANSI/AWS D1.1. PROVIDE EVIDENCE OF QUALIFICATION TO ARCHITECT PRIOR TO ERECTION.

4. ALL BOLTED CONNECTIONS SHALL BE MADE USING 3/4" DIA. BOLTS CONFORMING TO ASTM F3125 GRADE A325 IN BEARING TYPE CONNECTION (SNUG TIGHT) UNLESS SHOWN OR NOTED OTHERWISE ON THE DRAWINGS. A307 BOLTS MAY BE USED FOR ERECTION BOLTS. WASHERS SHALL CONFORM TO ASTM F436. NUTS SHALL CONFORM TO ASTM A563

5. ALL STEEL TO STEEL CONNECTIONS, INCLUDING COLUMN SPLICES, WHICH ARE NOT DETAILED IN THESE DRAWINGS SHALL BE DELEGATED DESIGN BY THE STEEL FABRICATOR. CALCULATIONS AND SHOP DETAILS SHOWING ALL CONNECTION GEOMETRY, DIMENSIONS, AND PERTINANT DETAILS ARE TO BE PROVIDED BY THE FABRICATOR TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. DELEGATED CONNECTION DESIGN SHALL REVIEW MEMBER LOCAL BUCKLING AND ACCOUNT FOR ANY ADDITIONAL REQUIRED MEMBER STIFFENERS.

6. METAL STAIRS, RAILINGS, AND LADDERS SHALL BE DELEGATED DESIGN BY THE STEEL FABRICATOR. CALCULATIONS AND SHOP DETAILS SHOWING MEMBER SIZES, CONNECTION GEOMETRY, DIMENSIONS, AND PERTINANT DETAILS ARE TO BE PROVIDED BY THE FABRICATOR TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.

7. ANCHOR RODS SHALL BE OF ASTM F1554 GR 36 MATERIAL w/ DOUBLE A 563a HEX NUTS & DOUBLE F844 WASHERS, U.N.O.

COLD-FORMED METAL STUDS:

1. COLD-FORMED STUDS SHALL BE DELEGATED DESIGN BY THE STUD WALL CONTRACTOR. SEE ARCHITECTURAL DRAWINGS FOR CLADDING, SHEATHING, WATERPROOFING, AND INSULATION REQUIREMENTS. CALCULATIONS, SPECIFICATIONS, AND SHOP DRAWINGS/DETAILS SHOWING ALL METAL STUD LAYOUT, SPACING, CONNECTION DETAILS, REQUIRED BRACING, DIMENSIONS, AND ALL OTHER PERTINENT DETAILS ARE TO BE PROVIDED TO THE ARCHITECT FOR REVIEW/APPROVAL PRIOR TO CONSTRUCTION AND SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT RESIDES.

STATEMENT OF SPECIAL INSPECTIONS:

STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360.

FABRICATED ITEMS:

FABRICATED ITEMS SHALL BE FABRICATED BY AN AISC APPROVED FABRICATOR. THE APPROVED FABRICATOR SHALL PROVIDE PROOF APPROVAL PRIOR TO FABRICATION. AT THE COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE OWNER, OR THE OWNER'S AUTHORIZED AGENT, FOR SUBMITTAL TO THE BUILDING OFFICIAL, AS SPECIFIED IN SECTION 1704.5, STATING THAT WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

COLD FORMED STEEL DECK:

ALL COLD FORMED STEEL DECK SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF SDI QA/QC.

ADDITIONAL SPECIAL INSPECTIONS AS NOTED IN THE FOLLOWING TABLES:

OPEN WEB STEEL JOISTS AND JOIST GIRDERS:

	VERIFICATION & INSPECTION	CONTINUOUS	PERIODIC
1.	**INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS:**		
a.	END CONNECTIONS - WELDING OR BOLTED		X
b.	STANDARD BRIDGING - HORIZONTAL OR DIAGONAL		X

CONCRETE CONSTRUCTION:

	VERIFICATION & INSPECTION	CONTINUOUS	PERIODIC
1.	INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT		X
2.	INSPECT ANCHORS CAST IN CONCRETE		X
3.	INSPECT CONCRETE ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 3.a.	X	X
4.	VERIFYING USE OF REQUIRED DESIGN MIX		X
5.	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	
6.	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	
7.	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X
8.	INSPECT ERECTION OF PRECAST CONCRETE MEMBERS		X
9.	INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X

SOILS:

	VERIFICATION & INSPECTION	CONTINUOUS	PERIODIC
1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE DESIGN BEARING CAPACITY		X
2.	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X
3.	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS		X
4.	VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X	
5.	PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X

SPRAYED FIRE-RESISTANT MATERIALS:

	VERIFICATION & INSPECTION	CONTINUOUS	PERIODIC
1.	PREPARATION OF SUBSTRATE PRIOR TO INSTALLATION IN ACCORDANCE WITH APPROVED FIRE RESISTANCE DESIGN AND APPROVED MANUFACTURER'S WRITTEN INSTRUCTIONS		X
2.	VERIFY THAT SUBSTRATE HAS MINIMUM AMBIENT TEMPERATURE BEFORE AND AFTER APPLICATION AS SPECIFIED BY THE FIRE RESISTANCE DESIGN AND APPROVED MANUFACTURER'S WRITTEN INSTRUCTIONS		X
3.	VERIFY THICKNESS OF SPRAYED ON MATERIAL PER THE INSTRUCTIONS OF SECTION 1705.14.4, THE FIRE RESISTANCE DESIGN, AND THE APPROVED MANUFACTURER'S WRITTEN INSTRUCTIONS		X
4.	VERIFY DENSITY OF SPRAYED ON MATERIAL PER THE INSTRUCTIONS OF SECTION 1705.14.5, THE FIRE RESISTANCE DESIGN, AND THE APPROVED MANUFACTURER'S WRITTEN INSTRUCTIONS		X
5.	VERIFY BOND STRENGTH TO ENSURE A VALUE GREATER THAN 150 POUNDS PER SQUARE FOOT PER THE INSTRUCTIONS OF SECTION 1705.14.6		X

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Snow (I_S) 1.0
Seismic (I_E) 1.0

Live Loads: Roof 20 psf
Mezzanine n/a psf
Floor 100 psf

Ground Snow Load: 10 psf

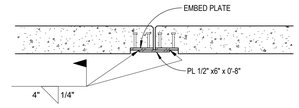
Wind Load: Ultimate Wind Speed 144 mph (ASCE-7)
Exposure Category B

SEISMIC DESIGN CATEGORY: ☐ A ☒ B ☐ C ☐ D
Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5) ☐ I ☒ II ☐ III ☐ IV
Spectral Response Acceleration S_s 0.165 %g S_1 0.071 %g
Site Classification (ASCE 7) ☐ A ☐ B ☐ C ☒ D ☐ E ☐ F
Data Source: ☒ Field Test ☐ Presumptive ☐ Historical Data
Basic structural system ☒ Bearing Wall ☐ Dual w/Special Moment Frame
☐ Building Frame ☐ Dual w/Intermediate R/C or Special Steel
☐ Moment Frame ☐ Inverted Pendulum
Analysis Procedure: ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic
Architectural, Mechanical, Components anchored? ☐ Yes ☒ No

LATERAL DESIGN CONTROL: Earthquake ☒ Wind ☐

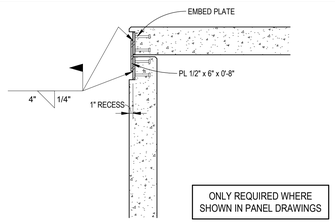
SOIL BEARING CAPACITIES:
Field Test (provide copy of test report) _____ psf
Presumptive Bearing capacity _____ psf
Pile size, type, and capacity RIGID INCLUSIONS - 5,000 PSF

2018 NC Administrative Code and Policies — Appendix B for Building



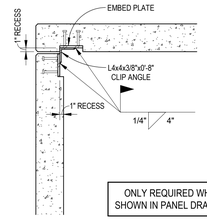
ONLY REQUIRED WHERE SHOWN IN PANEL DRAWINGS

1 PLANAR PANEL TO PANEL CONNECTION
3/4" = 1'-0"



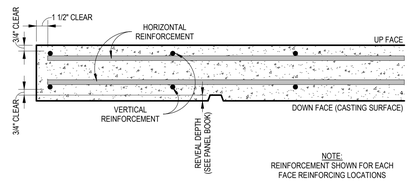
ONLY REQUIRED WHERE SHOWN IN PANEL DRAWINGS

2 INSIDE CORNER CONNECTION
3/4" = 1'-0"



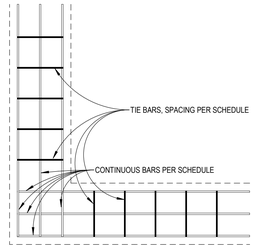
ONLY REQUIRED WHERE SHOWN IN PANEL DRAWINGS

3 OUTSIDE CORNER CONNECTION
3/4" = 1'-0"

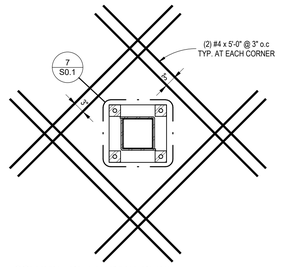


NOTE:
REINFORCEMENT SHOWN FOR EACH FACE REINFORCING LOCATIONS

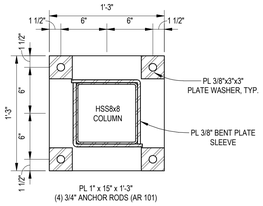
4 TILT-UP PANEL REINFORCEMENT LOCATION
1 1/2" = 1'-0"



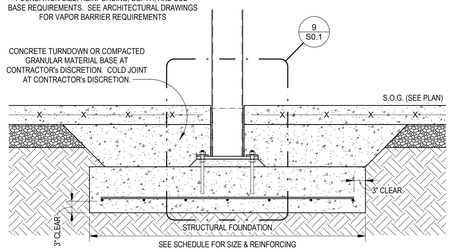
5 CONT. FDN CORNER REBAR LAP
1/2" = 1'-0"



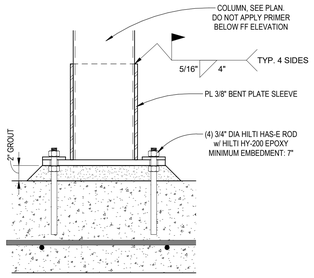
6 COLUMN - RE-ENTRANT REINF.
3/4" = 1'-0"



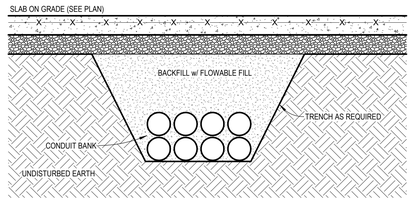
7 BASE PLATE "A" - HSS8x8
1 1/2" = 1'-0"



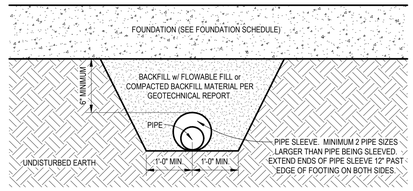
8 INTERIOR COLUMN FOUNDATION - HSS COLUMN
3/4" = 1'-0"



9 ANCHOR ROD DETAIL (AR101)
1 1/2" = 1'-0"

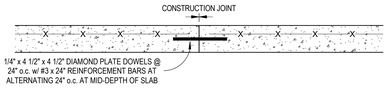


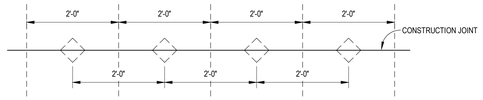
10 CONDUIT BANK UNDER SLAB ON GRADE
3/4" = 1'-0"



11 PIPE UNDER FOUNDATION
3/4" = 1'-0"

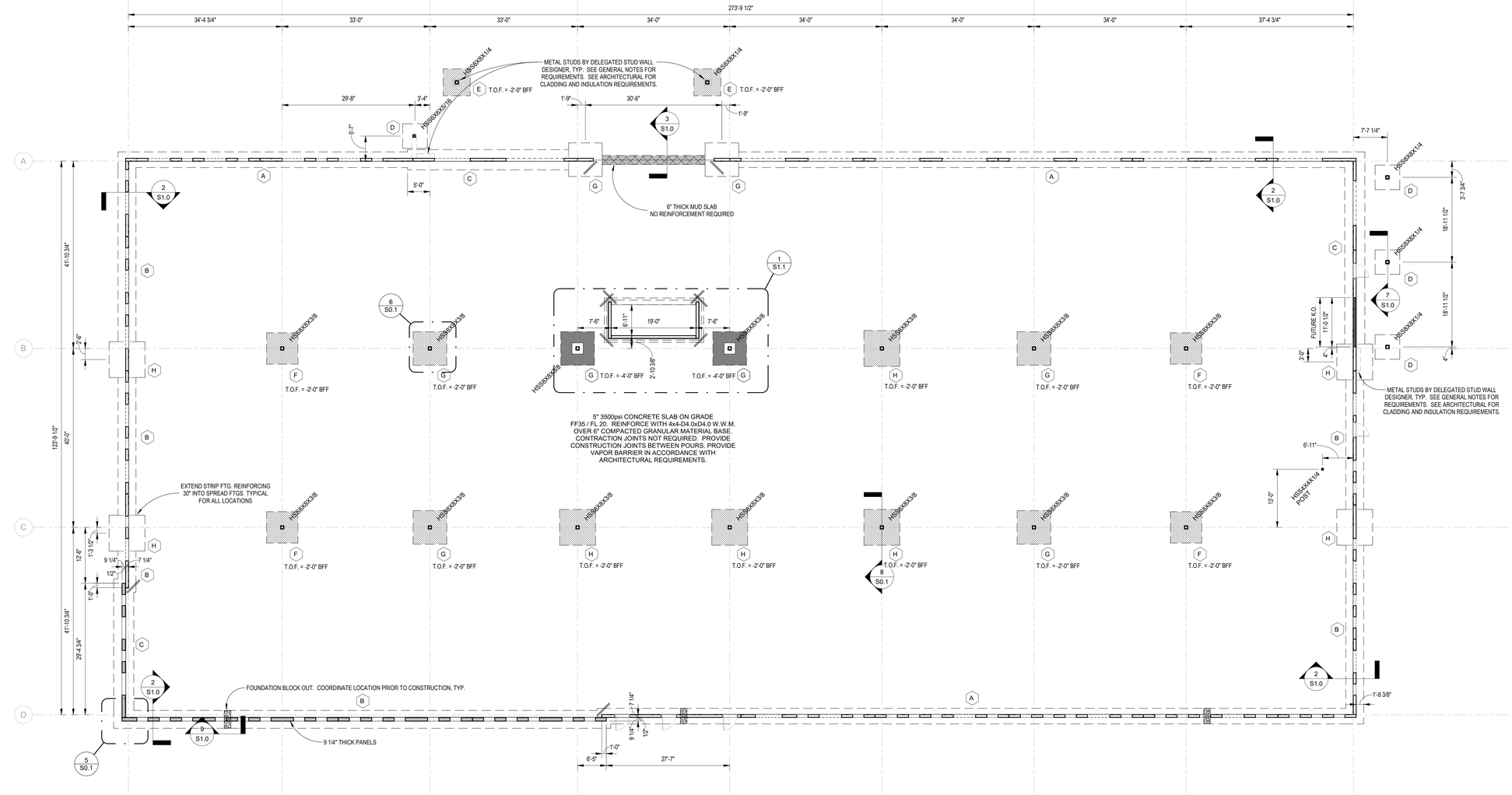
NOTE: LOCATION OF CONSTRUCTION JOINT TO BE AT CONTRACTOR'S DISCRETION



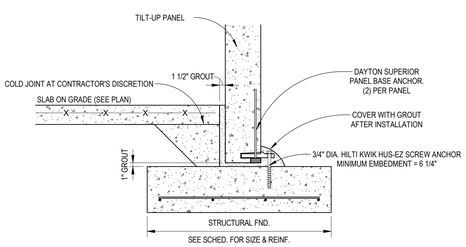


12 SLAB ON GRADE (S.O.G) - CONSTRUCTION JOINT
3/4" = 1'-0"

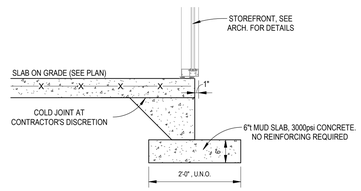
Remedy Medical Properties
Columbus Regional HEALTHCARE SYSTEM
Patient First. Technology Forward.
CITADEL CONTRACTORS INC
3405 APEX PEAKWAY
APEX, N.C. 27502
TEL. 1-919-362-5122
FAX



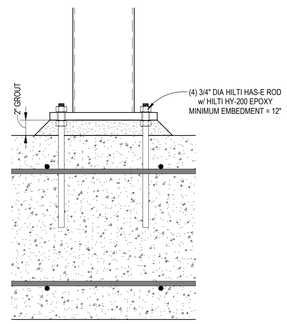
1 FOUNDATION PLAN
3/32" = 1'-0"



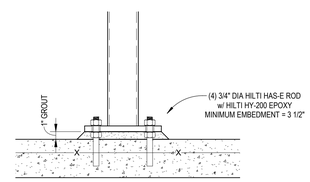
2 EXTERIOR WALL FOUNDATION - PANEL BASE ANCHOR
3/4" = 1'-0"



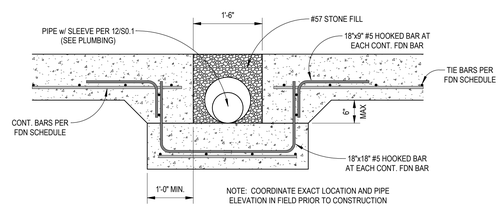
3 MUD SLAB DETAIL
3/4" = 1'-0"



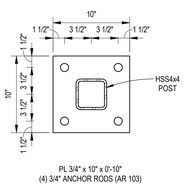
7 EXTERIOR COLUMN ANCHOR ROD DETAIL (AR 102)
1 1/2" = 1'-0"



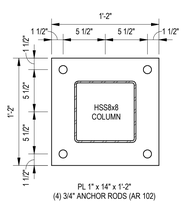
8 HSS 4x4 POST ANCHOR ROD DETAIL (AR 103)
1 1/2" = 1'-0"



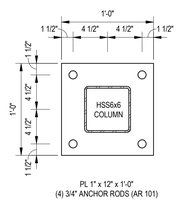
9 FOUNDATION BLOCK OUT
3/4" = 1'-0"



4 BASE PLATE "B" - HSS4x4 POST
1 1/2" = 1'-0"



5 BASE PLATE "C" - EXTERIOR HSS8x8
1 1/2" = 1'-0"



6 BASE PLATE "D" - EXTERIOR HSS6x6
1 1/2" = 1'-0"

T.O.F = -1'-4" BFF, U.N.O

PANEL THICKNESS = 7 1/4", U.N.O

FOUNDATION SCHEDULE

MARK	WIDTH	LENGTH	THICKNESS	REINFORCING	COMMENTS
A	3'-6"		1'-0"	(4) #5's CONT. w/ #5 TIES @ 12" o.c.	PROVIDE 30" LAP SPLICES
B	4'-0"		1'-0"	(5) #5's CONT. w/ #5 TIES @ 12" o.c.	PROVIDE 30" LAP SPLICES
C	4'-6"		1'-0"	(6) #5's CONT. w/ #5 TIES @ 12" o.c.	<varies>
D	5'-6"	5'-6"	1'-0"	(7) #5's EW T&B	
E	6'-0"	6'-0"	2'-0"	(7) #6's EW T&B	
F	7'-0"	7'-0"	1'-6"	(8) #6's EW BOTTOM	
G	7'-6"	7'-6"	1'-6"	(8) #6's EW BOTTOM	
H	8'-0"	8'-0"	1'-8"	(9) #6's EW BOTTOM	

Remedy Medical Properties

Columbus Regional HEALTHCARE SYSTEM
Patient First. Technology Forward.

CITADEL CONTRACTORS INC
3405 APEX PEAKWAY
APEX, N.C. 27502
TEL. 1-919-362-5122
FAX 1-919-362-6910

CITADEL CONTRACTORS, INC. CERT NO D-0339 APEX, NC

NORTH CAROLINA PROFESSIONAL SEAL 038692 ENGINEER CHRISTOPHER E. JACKSON 2025-7-28

This drawing and the design shown are the property of Citadel Contractors, Inc. The reproduction, copying or other use of this drawings without their written consent is prohibited and any infringement will be subject to legal action.

LELAND MOB

Provision Parkway
Leland, North Carolina 28451

CITADEL PROJECT: 669

Δ	DATE	DESCRIPTION

SHEET NAME:
FOUNDATION PLAN

ORIG SUBMISSION: 2025-07-28

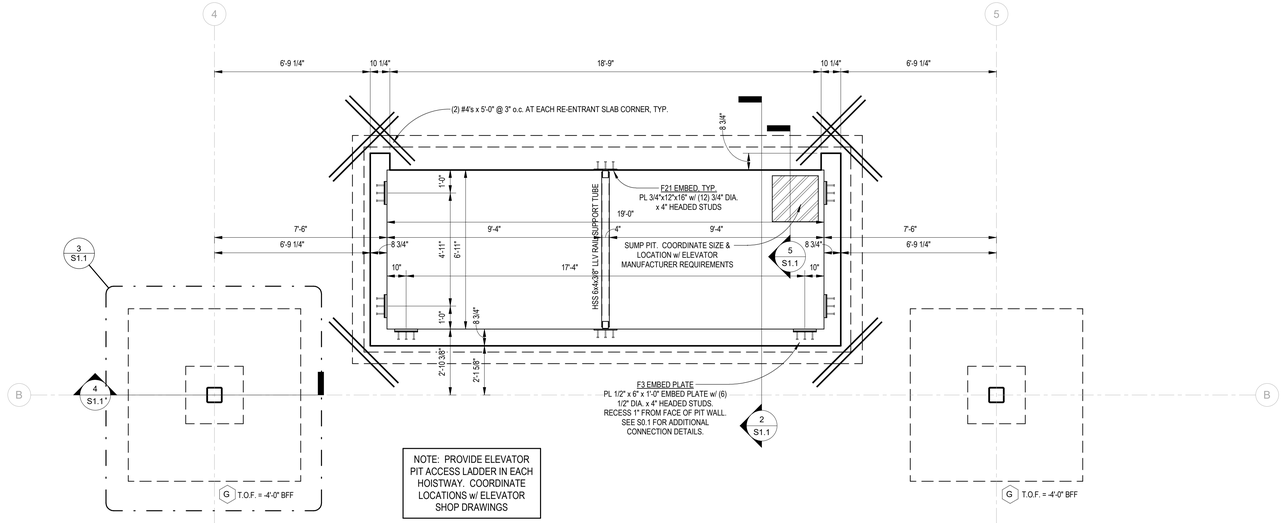
SHEET:
S1.0

PERMIT SET

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH ON ALL ARCHITECTURAL SHEETS ORIGINAL PAGE SIZE

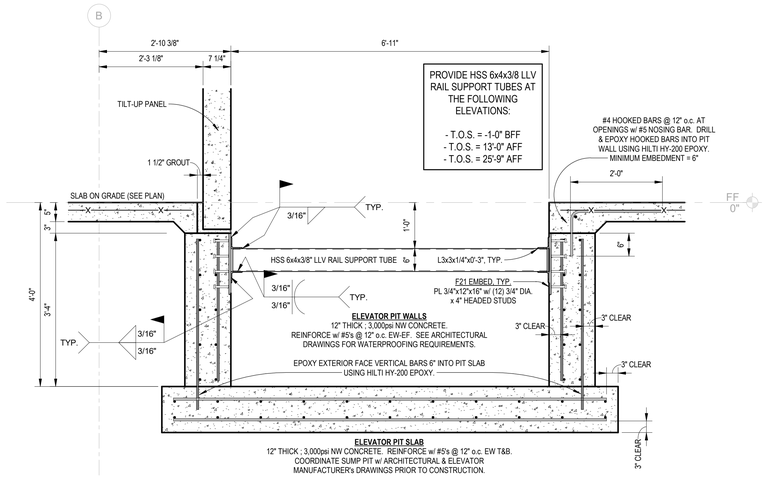
7/28/2025 3:30:25 PM

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH ON ORIGINAL PAPER SIZE



NOTE: PROVIDE ELEVATOR PIT ACCESS LADDER IN EACH HOISTWAY. COORDINATE LOCATIONS w/ ELEVATOR SHOP DRAWINGS

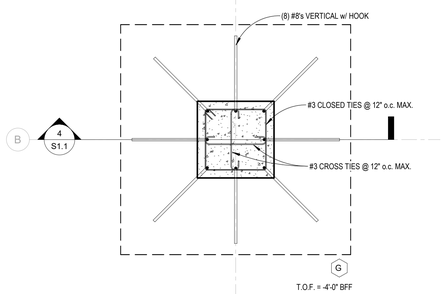
1 ELEVATOR PIT PLAN
3/8" = 1'-0"



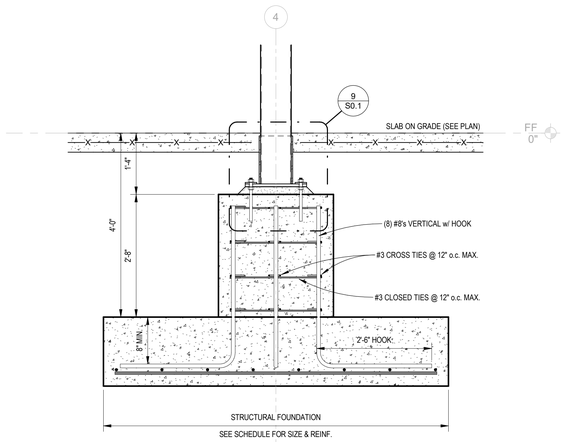
PROVIDE HSS 6x4x3/8 LLV RAIL SUPPORT TUBES AT THE FOLLOWING ELEVATIONS:

- T.O.S. = -1-0" BFF
- T.O.S. = 13'-0" AFF
- T.O.S. = 25'-9" AFF

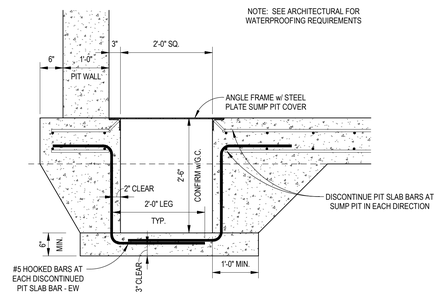
2 ELEVATOR PIT SECTION
3/4" = 1'-0"



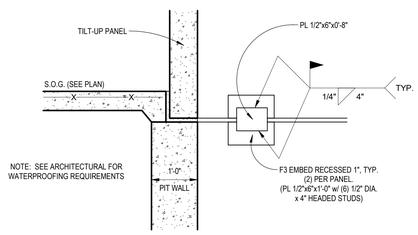
3 PIER DETAIL
1/2" = 1'-0"



4 PIER SECTION
3/4" = 1'-0"



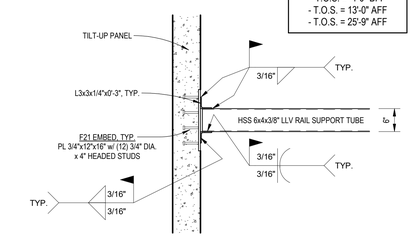
5 SUMP PIT DETAIL
3/4" = 1'-0"



6 ELEVATOR PIT DETAIL - PANEL TO PIT CONNECTION
3/4" = 1'-0"

PROVIDE HSS 6x4x3/8 LLV RAIL SUPPORT TUBES AT THE FOLLOWING ELEVATIONS:

- T.O.S. = -1-0" BFF
- T.O.S. = 13'-0" AFF
- T.O.S. = 25'-9" AFF



7 ELEVATOR RAIL SUPPORT TUBE CONNECTION TO TILT-UP PANEL
3/4" = 1'-0"

Remedy Medical Properties

Columbus Regional HEALTHCARE SYSTEM
Patient First. Technology Forward.

CITADEL CONTRACTORS INC
3405 APEX PEAKWAY
APEX, N.C. 27502
TEL. 1-919-362-5122
FAX 1-919-362-6910

This drawing and the design shown are the property of Citadel Contractors, Inc. The reproduction, copying or other use of this drawings without their written consent is prohibited and any infringement will be subject to legal action.

LELAND MOB

Provision Parkway
Leland, North Carolina 28451

CITADEL PROJECT: 669

Δ	DATE	DESCRIPTION

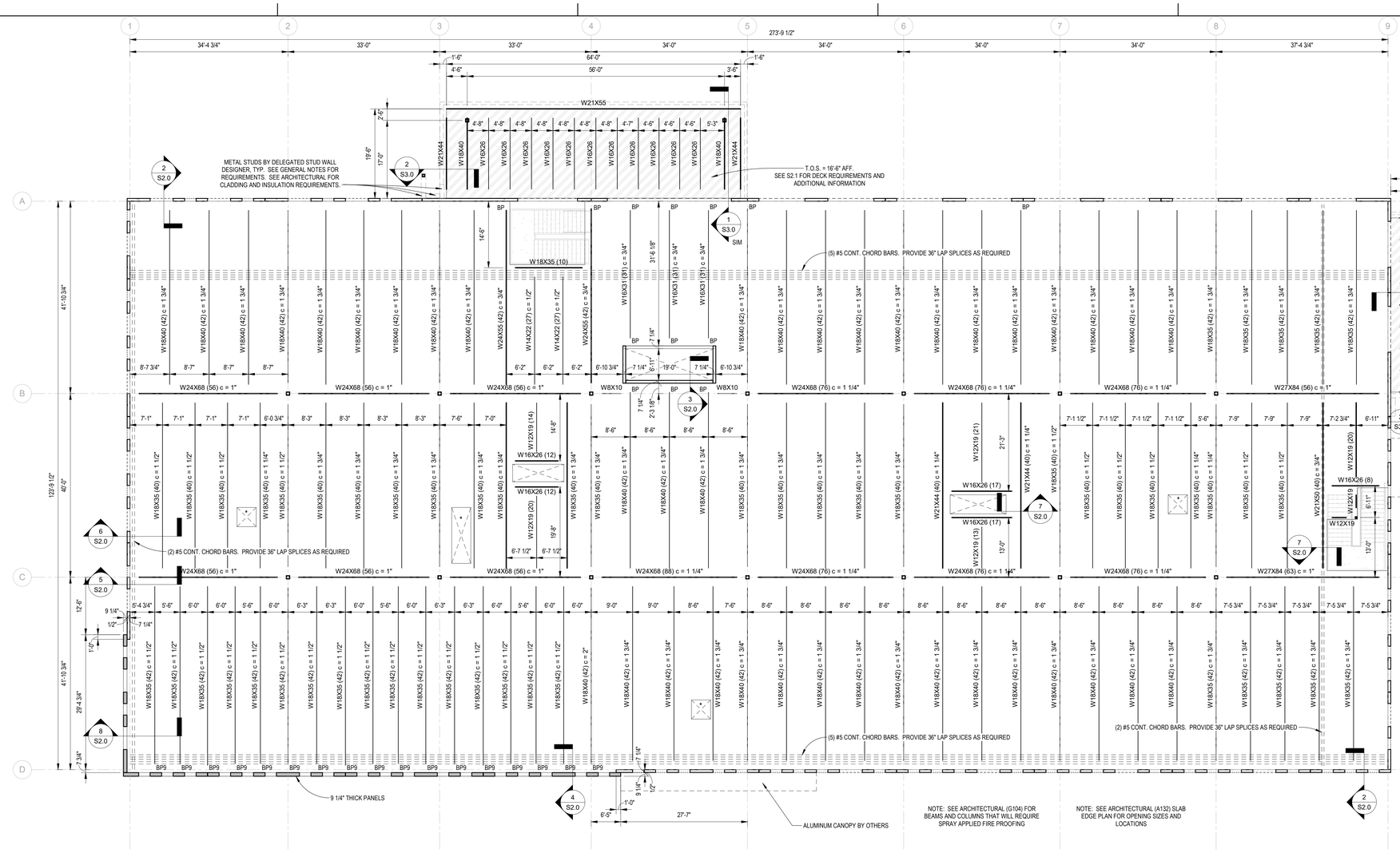
SHEET NAME:
FOUNDATION DETAILS

ORIG SUBMISSION: 2025-07-28

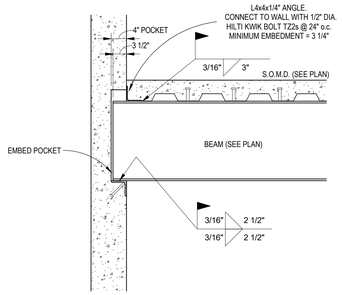
SHEET:
S1.1

PERMIT SET

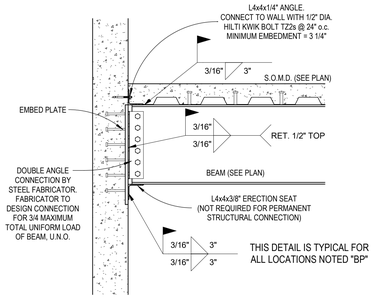
7/24/2025 4:43:39 PM



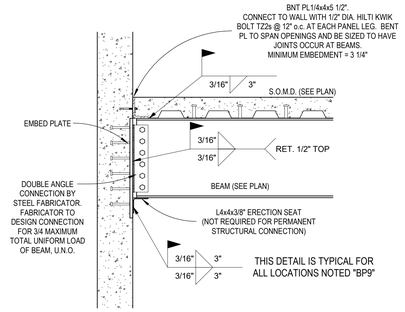
1 2ND FLOOR FRAMING PLAN
3/32" = 1'-0"



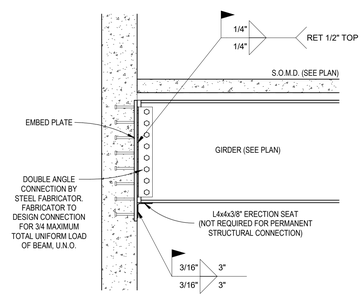
2 FLOOR BEAM TO TILT-UP WALL POCKET
3/4" = 1'-0"



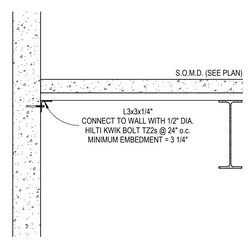
3 FLOOR BEAM TO TILT-UP WALL PLATE
3/4" = 1'-0"



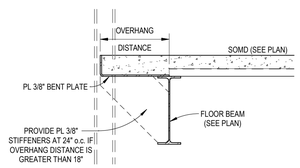
4 FLOOR BEAM TO TILT-UP WALL PLATE @ 9 1/4" PANELS ALONG GRIDLINE D
3/4" = 1'-0"



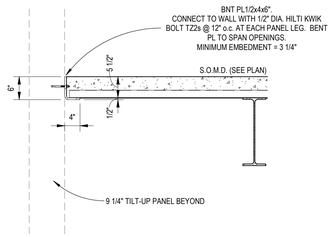
5 FLOOR GIRDER TO TILT-UP WALL PLATE
3/4" = 1'-0"



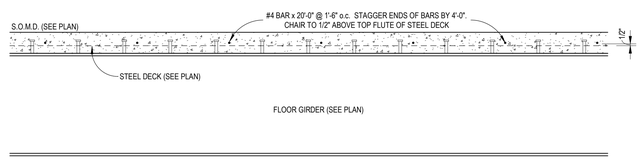
6 FLOOR DECK TO TILT-UP WALL
3/4" = 1'-0"



7 S.O.M.D EDGE DETAIL
3/4" = 1'-0"



8 FLOOR DECK TO TILT-UP WALL AT 9 1/4" PANELS ALONG GRIDLINE 1
3/4" = 1'-0"



9 NEGATIVE REINFORCING OVER FLOOR GIRDER
3/4" = 1'-0"

DESIGN NOTES:

UNDERSIDE OF DECK (TOP OF STEEL) = EL.

LIVE LOAD = 100 PSF
DEAD LOAD = 75 PSF

MAXIMUM LIVE LOAD DEFLECTION = L/360

2"; 20ga. G-60 GALVANIZED COMPOSITE FLOOR DECK
MINIMUM 3 SPAN CONDITION
3 1/2" NORMAL WEIGHT CONCRETE COVER, U.N.O.
TOTAL SLAB THICKNESS = 5 1/2", U.N.O.

ELEVATED SLAB TO BE REINFORCED WITH 6x6-D2.0xD2.0 W.W.M. CHAIRED TO 1" BELOW TOP OF SLAB, OR MACROSYNTHETIC FIBERS MEETING THE CRITERIA OF ASTM D7508 AT A DOSAGE RATE DETERMINED BY THE MANUFACTURER FOR THE APPLICATION, BUT NOT LESS THAN 4.0lbs/cy. PROVIDE #4 NEGATIVE REINFORCING OVER GIRDERS AS SHOWN IN DETAILS

ALL SHEAR STUDS ARE TO BE PLACED AT UNIFORM SPACING ON EACH DESIGNATED BEAM

ALL DECK IS TO BE FASTENED TO STEEL FRAMING USING 5/8" DIA. PUDDLE WELDS ON A 36/4 PATTERN. HILTI X-ENP-19-L15 DIRECT FASTENING SYSTEM MAY BE SUBSTITUTED WITH THE SAME FASTENING PATTERN. SIDELAPS TO BE FASTENED WITH (8) HILTI S-SLC-01 M HWH SIDELAP CONNECTORS PER SPAN. DECK IS TO BE FASTENED TO PERIMETER OF BUILDING @ 6" o.c.

ALL FLOOR OPENINGS NOTED WITH * TO BE FRAMED WITH MINIMUM 4x4x1/4" ANGLES. THESE OPENINGS ARE TO BE DECKED OVER WITH THE OPENING PERIMETER FORMED BEFORE CONCRETE IS POURED. METAL DECK IS TO BE REMOVED BY OTHERS WHEN OPENINGS ARE REQUIRED. ALL OTHER OPENING EDGES ARE TO BE FORMED WITH 1/4" BENT PLATES SHOP WELDED TO BEAMS AND DO NOT REQUIRE DECK.

Remedy Medical Properties
Columbus Regional HEALTHCARE SYSTEM
Patient First. Technology Forward.
CITADEL CONTRACTORS INC
3405 APEX PEAKWAY
APEX, N.C. 27502
TEL. 1-919-362-5122
FAX 1-919-362-6910

This drawing and the design shown are the property of Citadel Contractors, Inc. The reproduction, copying or other use of this drawings without their written consent is prohibited and any infringement will be subject to legal action.

LELAND MOB

Provision Parkway
Leland, North Carolina 28451

CITADEL PROJECT: 669

Δ	DATE	DESCRIPTION

SHEET NAME:
2nd FLOOR FRAMING PLAN

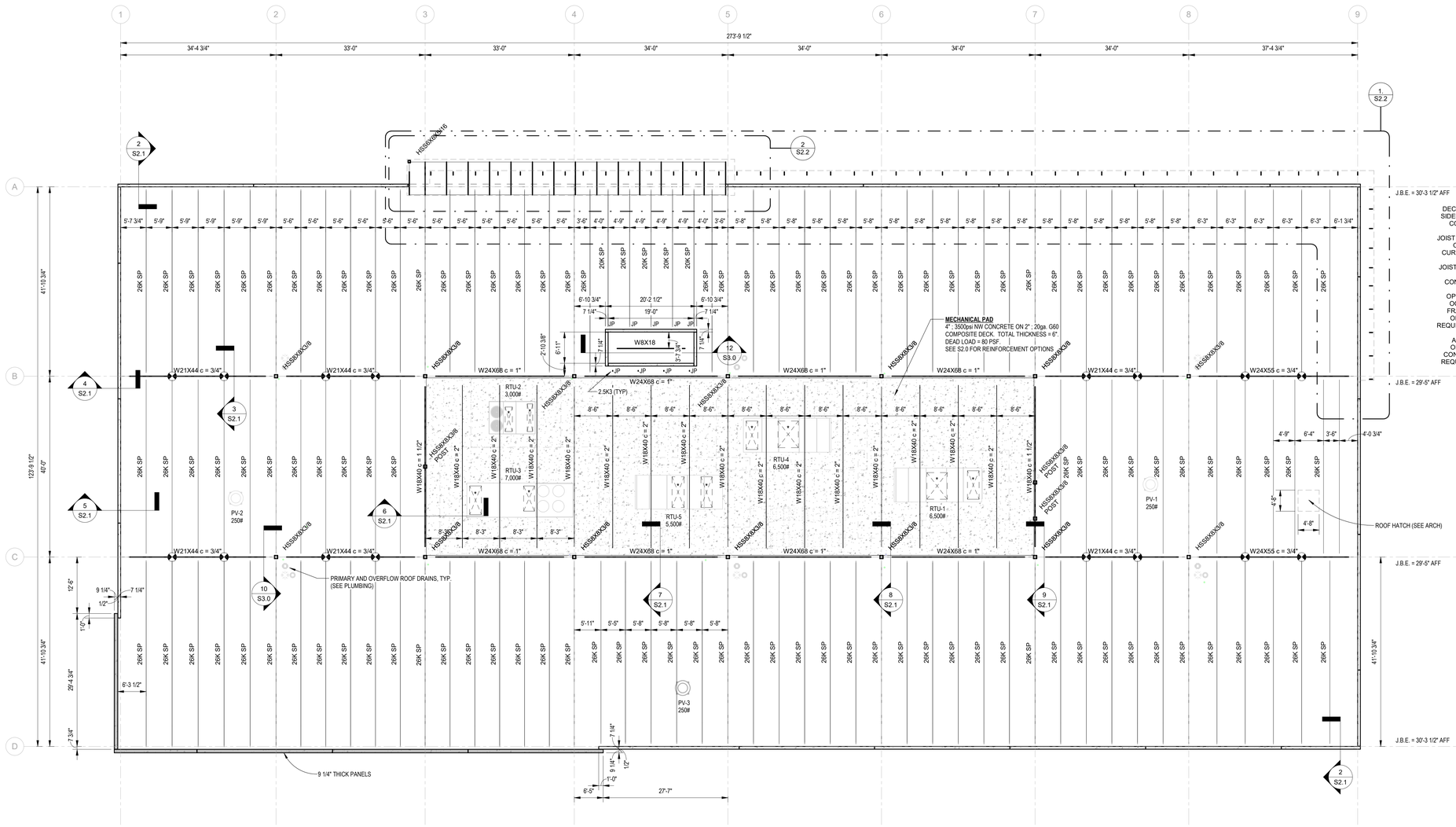
ORIG SUBMISSION: 2025-07-28

SHEET:
S2.0

PERMIT SET

7/28/2025 3:30:30 PM

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH ON ORIGINAL PAPER SIZE



1 ROOF FRAMING PLAN
3/32" = 1'-0"

DESIGN NOTES:

ELEVATIONS NOTED AS "J.B.E" ON PLAN
LIVE LOAD = 20 PSF
DEAD LOAD = 20 PSF
WIND LOAD = 16 PSF
SNOW LOAD = 12 PSF

SNOW DRIFT LOADS PER DIAGRAM

JOIST NET UPLIFT PER DIAGRAM

MAXIMUM LIVE LOAD DEFLECTION = L/240

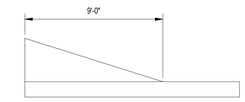
1 1/2" ; 22ga., PAINTED, TYPE "B" ROOF DECK, UNO.
MINIMUM 3 SPAN CONDITION
DECK TO BE FASTENED USING HILTI X-HSN 24 DIRECT FASTENING SYSTEM ON 36/7 PATTERN. SIDELAPS TO BE FASTENED WITH (7) HILTI S-SLC-01 M HWH OR HILTI S-SLC-02 M HWH SIDELAP CONNECTORS PER SPAN. DECK TO BE FASTENED TO PERIMETER OF BUILDING AT 6" o.c.

JOIST SUPPLIER IS TO DESIGN ALL JOISTS AND BRIDGING FOR MOST ECONOMICAL SIZES BASED ON DESIGN LOADS AND FASTENING PATTERNS SPECIFIED IN THESE DOCUMENTS AND CURRENT SJI REQUIREMENTS. SEE S3.0 FOR REQUIRED JOIST SEAT LOADING INFORMATION.

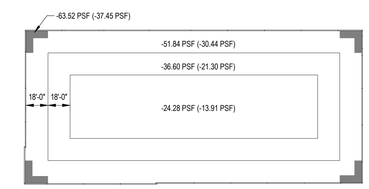
JOIST SUPPLIER IS TO DESIGN ALL JOISTS TO CARRY LISTED RTU LOADS WITHOUT THE USE OF FIELD ADDED STRUTS TO TAKE THE POINT LOADS TO THE NEAREST PANEL POINTS. CONTRACTOR TO VERIFY/COORDINATE ALL RTU LOCATIONS & WEIGHTS w/ JOIST SUPPLIER

OPENINGS IN DECK SMALLER THAN 12" SQUARE SHALL BE PLACED SO THAT THE OPENING OCCURS ENTIRELY IN ONE PIECE OF DECK AND DO NOT REQUIRE ADDITIONAL SUPPORT FRAMES. OPENINGS 12" SQUARE OR LARGER REQUIRE AN L4x4x1/4" AROUND THE ENTIRE OPENING PERIMETER. ALL PRIMARY & SECONDARY ROOF DRAIN PENETRATIONS SHALL REQUIRE AN L4x4x1/4" FRAME AROUND THE PENETRATION REGARDLESS OF PENETRATION SIZE.

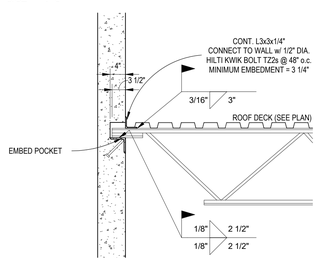
ALL OPENINGS NOTED WITH * TO BE FRAMED WITH MINIMUM L4x4x1/4" ANGLES. THESE OPENINGS ARE TO BE DECKED OVER WITH THE OPENING PERIMETER FORMED BEFORE CONCRETE IS POURED. METAL DECK IS TO BE REMOVED BY OTHERS WHEN OPENINGS ARE REQUIRED. COORDINATE OPENING SIZES AND LOCATIONS w/ G.C. PRIOR TO CONSTRUCTION.



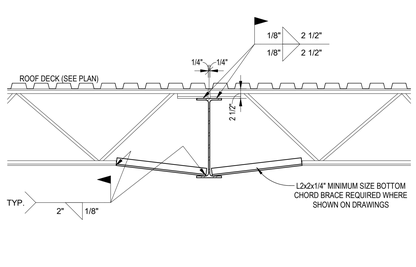
A SNOW DRIFT ALONG ENTIRE PERIMETER
1/4" = 1'-0"



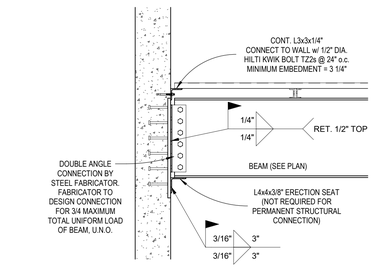
B FACTORED JOIST NET UPLIFT DIAGRAM - LRFD (ASD)
1" = 50'-0"



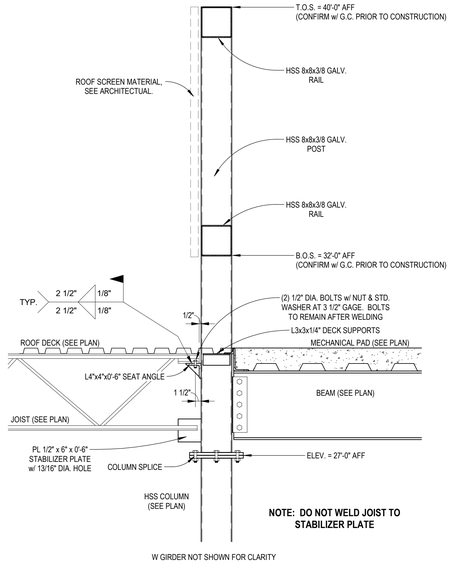
2 K JOIST TO TILT-UP WALL POCKET
3/4" = 1'-0"



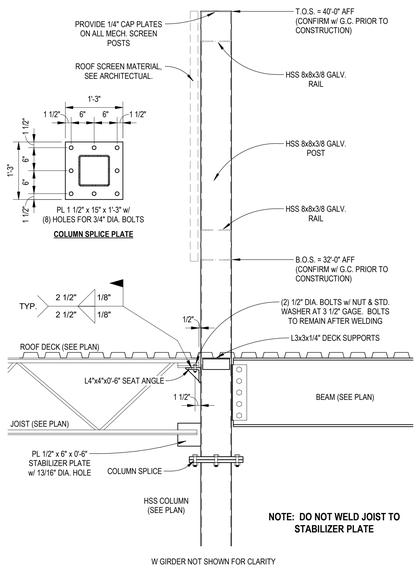
3 K JOIST TO W FLANGE GIRDER
3/4" = 1'-0"



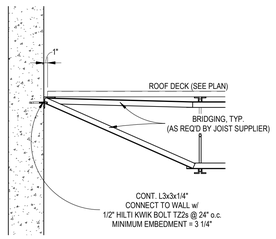
4 ROOF W GIRDER TO TILT-UP WALL PLATE
3/4" = 1'-0"



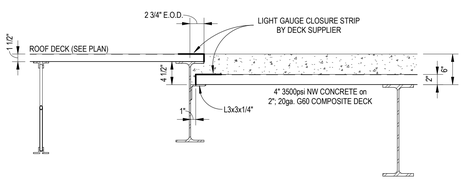
8 TIE JOIST TO COLUMN AT MECH PAD
3/4" = 1'-0"



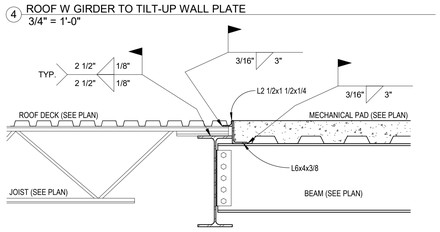
9 TIE JOIST TO COLUMN AT ROOF SCREEN
3/4" = 1'-0"



5 ROOF DECK TO TILT-UP WALL
3/4" = 1'-0"



6 MECHANICAL PAD SHORT EDGE
1" = 1'-0"



7 MECHANICAL PAD LONG EDGE
3/4" = 1'-0"

Remedy Medical Properties

Columbus Regional HEALTHCARE SYSTEM
Patient First. Technology Forward.

CITADEL CONTRACTORS INC
3405 APEX PEAKWAY
APEX, N.C. 27502
TEL. 1-919-362-5122
FAX 1-919-362-6910

CITADEL CONTRACTORS, INC. CERT NO D-0330 APEX, NC

NORTH CAROLINA PROFESSIONAL SEAL 036855 ENGINEER CHRISTOPHER E. JACKSON 2025-7-28

This drawing and the design shown are the property of Citadel Contractors, Inc. The reproduction, copying or other use of this drawings without their written consent is prohibited and any infringement will be subject to legal action.

LELAND MOB

Provision Parkway
Leland, North Carolina 28451

CITADEL PROJECT: 669

Δ	DATE	DESCRIPTION

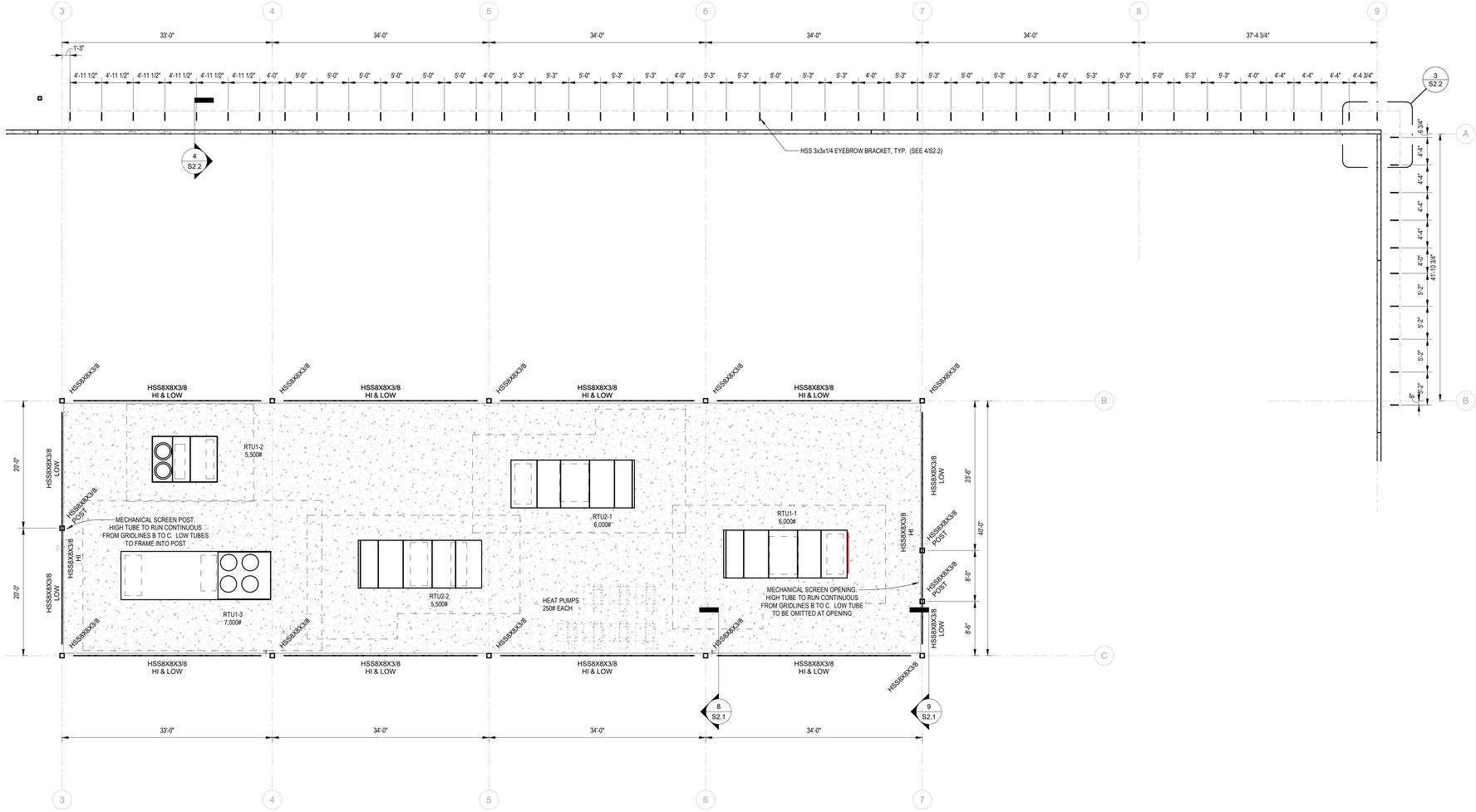
SHEET NAME:
ROOF FRAMING PLAN

ORIG SUBMISSION: 2025-07-28

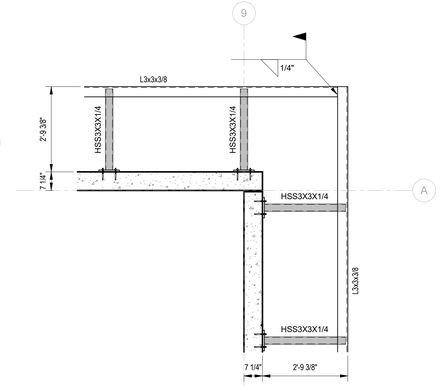
SHEET: **S2.1**

PERMIT SET

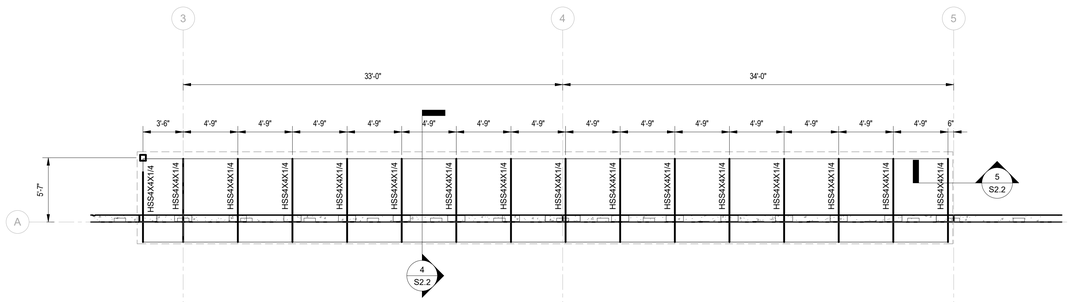
7/24/2025 4:43:42 PM



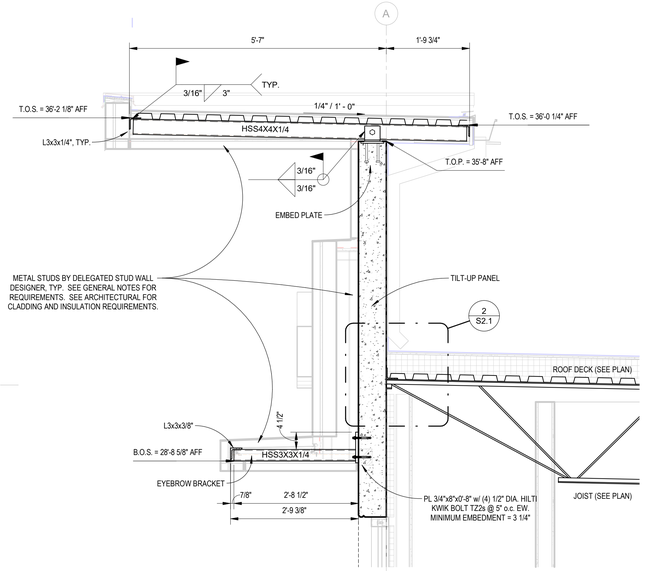
1 MECHANICAL SCREEN AND EYEBROW FRAMING
1/8" = 1'-0"



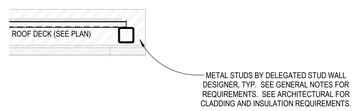
3 EYEBROW CORNER
1/2" = 1'-0"



2 ENTRY FEATURE FRAMING
3/16" = 1'-0"



4 ENTRY FEATURE SECTION
3/4" = 1'-0"



5 ENTRY FEATURE SIDE SECTION
3/4" = 1'-0"

Remedy Medical Properties

Columbus Regional HEALTHCARE SYSTEM
Patient First. Technology Forward.

CITADEL CONTRACTORS INC
3405 APEX PEAKWAY
APEX, N.C. 27502
TEL. 1-919-362-5122
FAX 1-919-362-6910

CITADEL CONTRACTORS, INC. CERT NO D-0339 APEX, NC

NORTH CAROLINA PROFESSIONAL SEAL 036890 ENGINEER CHRISTOPHER E. JACKSON
2025-7-28

This drawing and the design shown are the property of Citadel Contractors, Inc. The reproduction, copying or other use of this drawings without their written consent is prohibited and any infringement will be subject to legal action.

LELAND MOB

Provision Parkway
Leland, North Carolina 28451

CITADEL PROJECT: 669

Δ	DATE	DESCRIPTION

SHEET NAME:
MISC. FRAMING PLANS

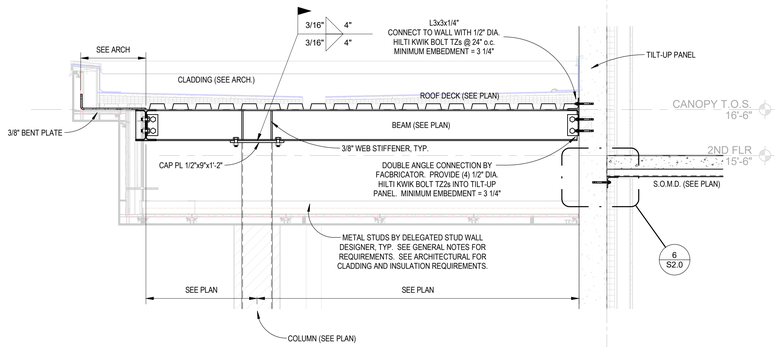
ORIG SUBMISSION: 2025-07-28

SHEET:
S2.2

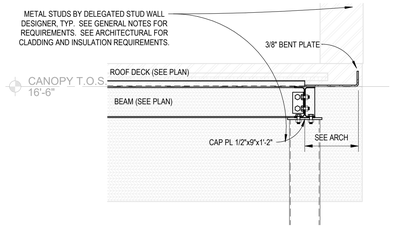
PERMIT SET

7/24/2025 4:43:43 PM

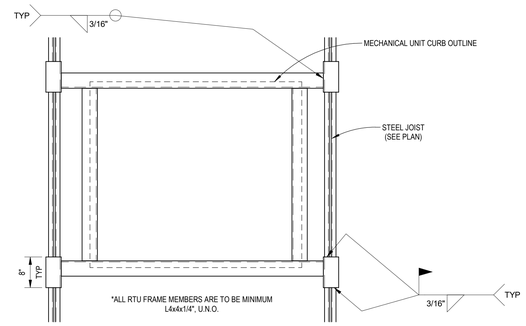
THE LINE SHOWN ABOVE IS EXACTLY ONE INCH ON ORIGINAL PAPER SIZE



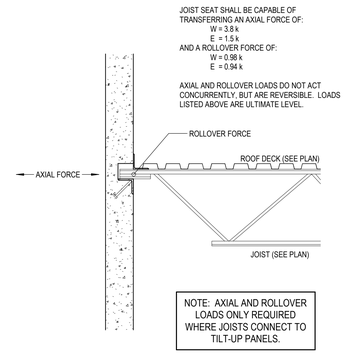
1 CANOPY SECTION
3/4" = 1'-0"



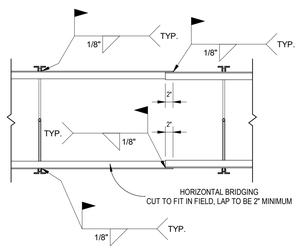
2 CANOPY SIDE SECTION
3/4" = 1'-0"



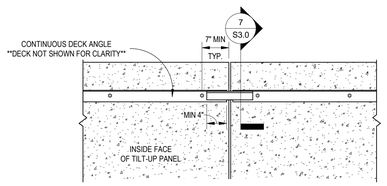
3 TYPICAL ROOF OPENING FRAME DETAIL
3/4" = 1'-0"



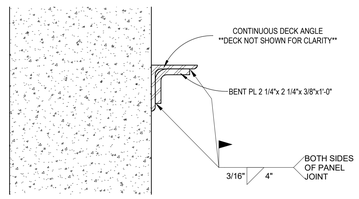
4 TYP. JOIST SEAT LOADING - ULTIMATE
3/4" = 1'-0"



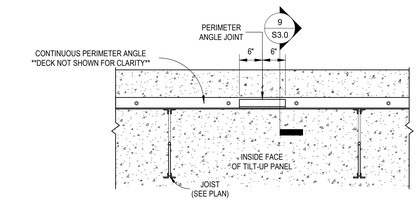
5 TYPICAL HORIZONTAL BRIDGING DETAIL
3/4" = 1'-0"



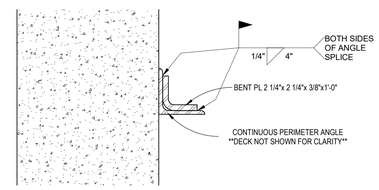
6 TYPICAL SPLICE DETAIL FOR CONT. DECK ANGLE
3/4" = 1'-0"



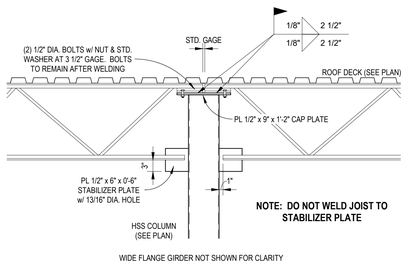
7 TYPICAL SPLICE DETAIL FOR CONT. DECK ANGLE - SECTION
3" = 1'-0"



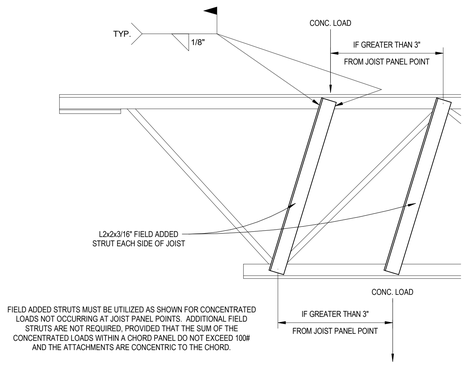
8 TYPICAL SPLICE DETAIL FOR CONT. PERIMETER ANGLE
3/4" = 1'-0"



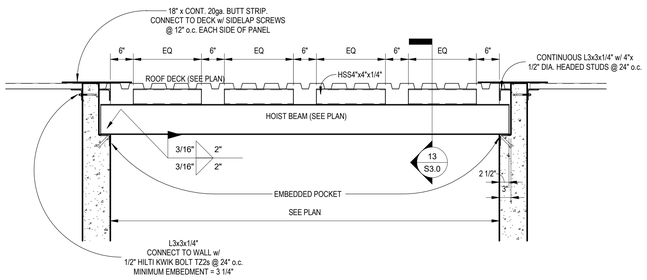
9 TYPICAL SPLICE DETAIL FOR CONT. PERIMETER ANGLE - SECTION
3" = 1'-0"



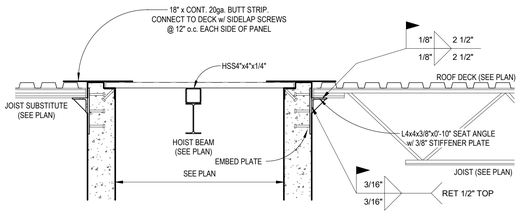
10 TIE JOIST TO COLUMN
3/4" = 1'-0"



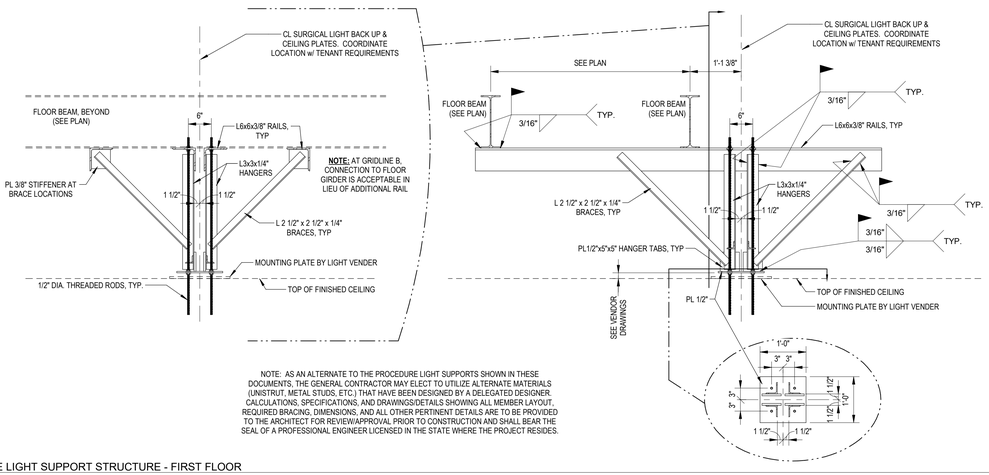
11 FIELD ADDED STRUTS DETAIL
1 1/2" = 1'-0"



12 ELEVATOR HOIST BEAM DETAIL 1
3/4" = 1'-0"

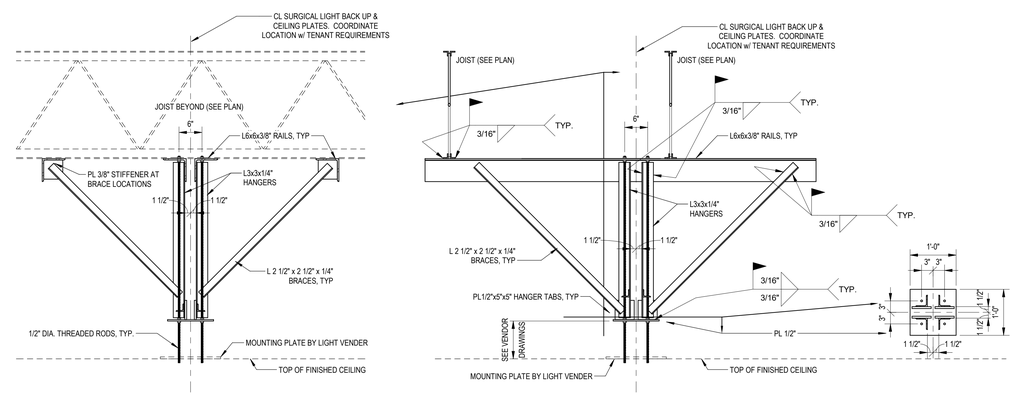


13 ELEVATOR HOIST BEAM DETAIL 2
3/4" = 1'-0"



NOTE: AS AN ALTERNATE TO THE PROCEDURE LIGHT SUPPORTS SHOWN IN THESE DOCUMENTS, THE GENERAL CONTRACTOR MAY ELECT TO UTILIZE ALTERNATE MATERIALS (UNISTRUT, METAL STUDS, ETC.) THAT HAVE BEEN DESIGNED BY A DELEGATED DESIGNER. CALCULATIONS, SPECIFICATIONS, AND DRAWINGS/DETAILS SHOWING ALL MEMBER LAYOUT, REQUIRED BRACING, DIMENSIONS, AND ALL OTHER PERTINENT DETAILS ARE TO BE PROVIDED TO THE ARCHITECT FOR REVIEW/APPROVAL PRIOR TO CONSTRUCTION AND SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT RESIDES.

14 PROCEDURE LIGHT SUPPORT STRUCTURE - FIRST FLOOR
3/4" = 1'-0"



15 PROCEDURE LIGHT SUPPORT STRUCTURE - SECOND FLOOR
3/4" = 1'-0"

7/24/2025 4:43:45 PM

Remedy Medical Properties

Columbus Regional HEALTHCARE SYSTEM
Patient First. Technology Forward.

CITADEL CONTRACTORS INC
3405 APEX PEAKWAY
APEX, N.C. 27502
TEL. 1-919-362-5122
FAX 1-919-362-6910

CITADEL CONTRACTORS INC. CERT NO D-0339 APEX NC

NORTH CAROLINA PROFESSIONAL SEAL 036852 ENGINEER STEPHEN E. JACKSON
2025-7-28

This drawing and the design shown are the property of Citadel Contractors, Inc. The reproduction, copying or other use of this drawings without their written consent is prohibited and any infringement will be subject to legal action.

LELAND MOB

Provision Parkway
Leland, North Carolina 28451

CITADEL PROJECT: 669

Δ	DATE	DESCRIPTION

SHEET NAME:
STRUCTURAL DETAILS

ORIG SUBMISSION: 2025-07-28

SHEET:
S3.0

PERMIT SET