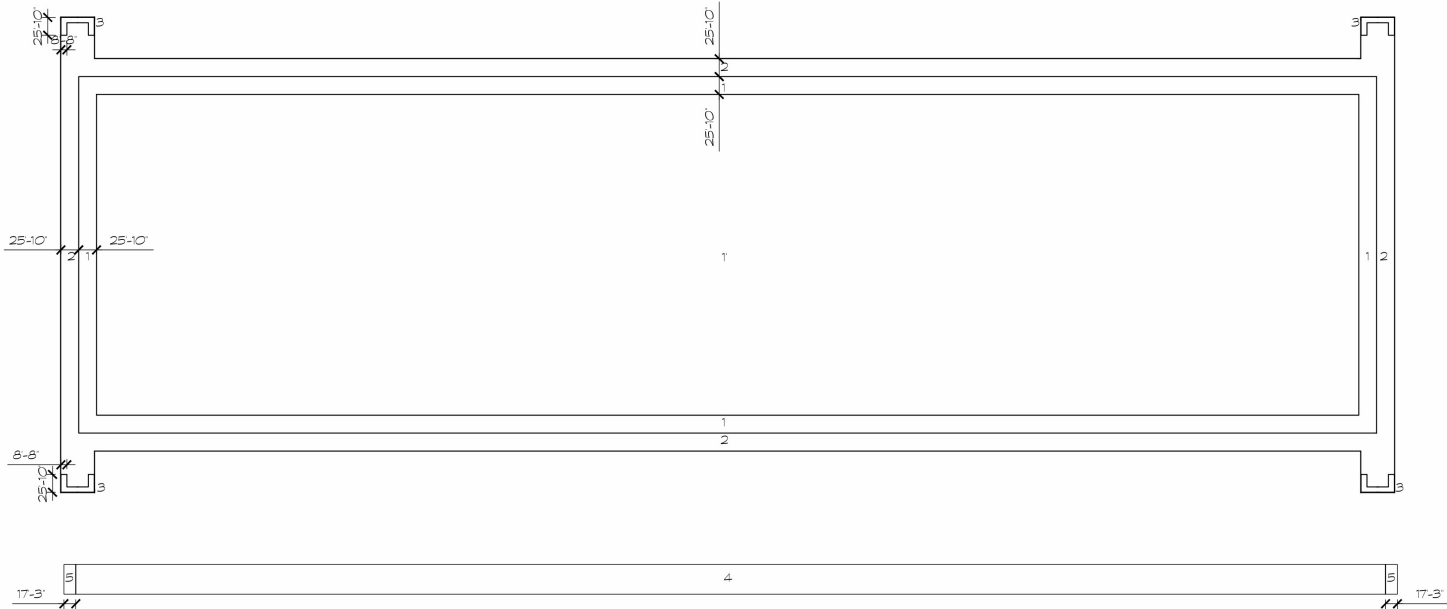


COMMENCEMENT OF ANY WORK.

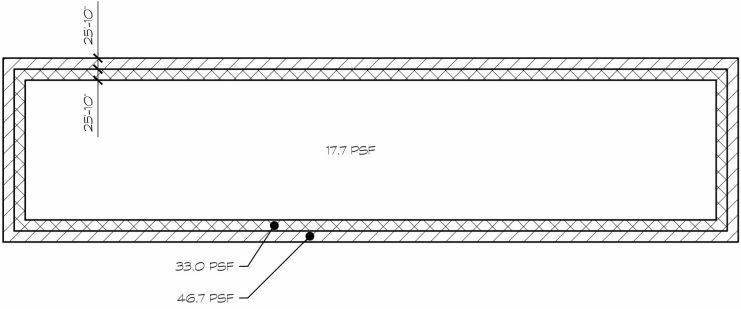


POSITIVE WIND PRESSURE ON GLAZING & WALL COMPONENTS					
LOCATION ON BUILDING	POS. PRESSURE ≤ 10 SQ. FT.	POS. PRESSURE ≤ 20 SQ. FT.	POS. PRESSURE ≤ 50 SQ. FT.	POS. PRESSURE ≤ 100 SQ. FT.	POS. PRESSURE ≤ 500 SQ. FT.
FIELD AREA	4	60.4	57.8	55.2	52.7
CORNER AREA	8	60.4	57.8	55.2	52.7

NEGATIVE WIND PRESSURE ON GLAZING & WALL COMPONENTS					
LOCATION ON BUILDING	NEG. PRESSURE ≤ 10 SQ. FT.	NEG. PRESSURE ≤ 20 SQ. FT.	NEG. PRESSURE ≤ 50 SQ. FT.	NEG. PRESSURE ≤ 100 SQ. FT.	NEG. PRESSURE ≤ 500 SQ. FT.
FIELD AREA	4	65.5	62.9	60.4	57.8
CORNER AREA	8	60.8	75.7	68.0	62.9

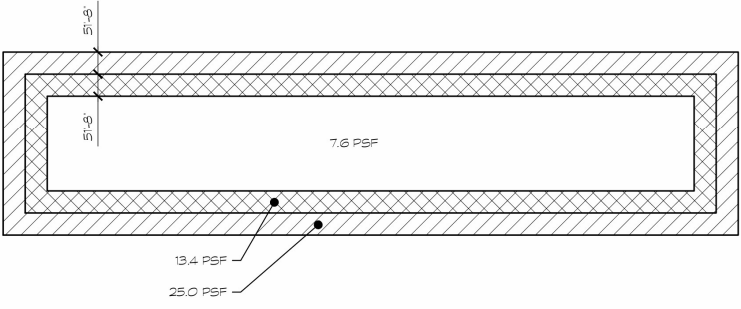
ROOF WIND UPLIFT PRESSURES					
ZONE	UPLIFT PRESSURE ≤ 10 SQ. FT.	UPLIFT PRESSURE ≤ 20 SQ. FT.	UPLIFT PRESSURE ≤ 50 SQ. FT.	UPLIFT PRESSURE ≤ 100 SQ. FT.	UPLIFT PRESSURE ≤ 500 SQ. FT.
1	61.4	61.4	61.4	61.4	41.5
2	106.8	98.3	89.8	84.1	67.1
3	140.9	132.4	121.1	109.7	89.8

- GENERAL NOTES:**
- WIND LOADS ARE BASED ON ASCE 7-16 'MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES' USING THE FOLLOWING CRITERIA:
- DESIGN CRITERIA:
WIND SPEED: $V_{ult} = 157$ MPH (ULTIMATE), $V_{nom} = 122$ MPH (NOMINAL).
BUILDING RISK CATEGORY: II.
'ENCLOSED' BUILDING CLASSIFICATION (GCPI) = +/- 0.18.
BUILDING EXPOSURE CATEGORY: C.
MEAN ROOF HEIGHT: LESS THAN 43'-0".
ROOF ANGLE OF LESS THAN 7 DEGREES.
 - ALL WIND PRESSURES SHOWN ABOVE ARE IN PSF (LB/SQ FT).
 - NOTE WIND PRESSURES SHOWN ARE 'ULTIMATE' AND CAN BE CONVERTED TO NOMINAL (ASD) BY MULTIPLYING BY 0.6.
 - WALL WIND PRESSURES SHOWN HAVE BEEN REDUCED 10% SINCE ROOF ANGLE LESS THAN 10 DEGREES PER ASCE 7-16.
 - GROSS PRESSURES ARE FOR WINDOWS, DOORS, VENEER, ROOFING, ROOFING ACCESSORIES AND OTHER BUILDING COMPONENTS AND GLAZING.
 - GROSS PRESSURES SHALL BE LINEARLY INTERPOLATED FOR (A) NOT SHOWN IN TABLE.
 - POSITIVE PRESSURES INDICATE PRESSURES ACTING TOWARD A PROJECTED SURFACE. NEGATIVE PRESSURES INDICATE PRESSURES ACTING AWAY FROM A PROJECTED SURFACE.
 - JOIST/TRUSS NET UPLIFT LOAD COMBINATION IS $0.6D + 0.6W$. 'W' IS AS SHOWN ABOVE AND 'D' = 12 PSF.
 - BUILDING IS NOT IN A WIND-BORNE DEBRIS REGION.



JOIST NET UPLIFT DIAGRAM
NTS

NOTE:
NET UPLIFT LOADS ARE BASED ON
ASD LOAD COMBINATION 0.6D+0.6W



JOIST GIRDER NET UPLIFT DIAGRAM
NTS

NOTE:
NET UPLIFT LOADS ARE BASED ON
ASD LOAD COMBINATION 0.6D+0.6W

ABBREVIATIONS (NOT ALL ARE USED)

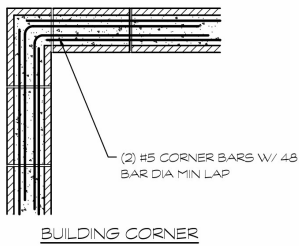
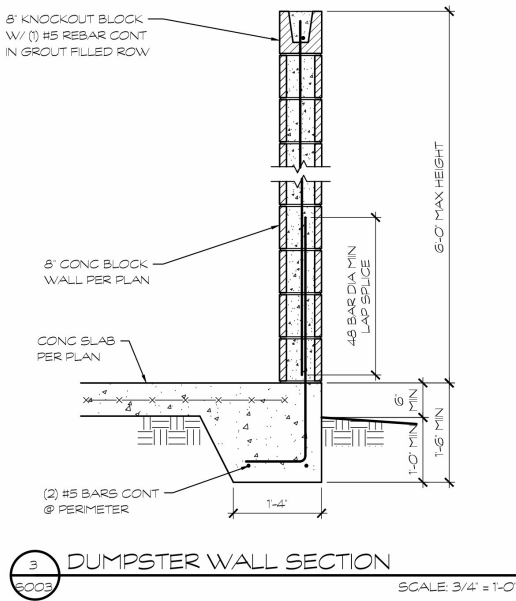
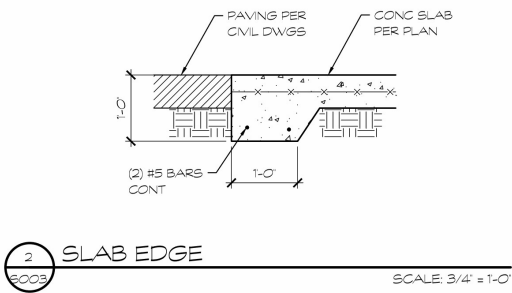
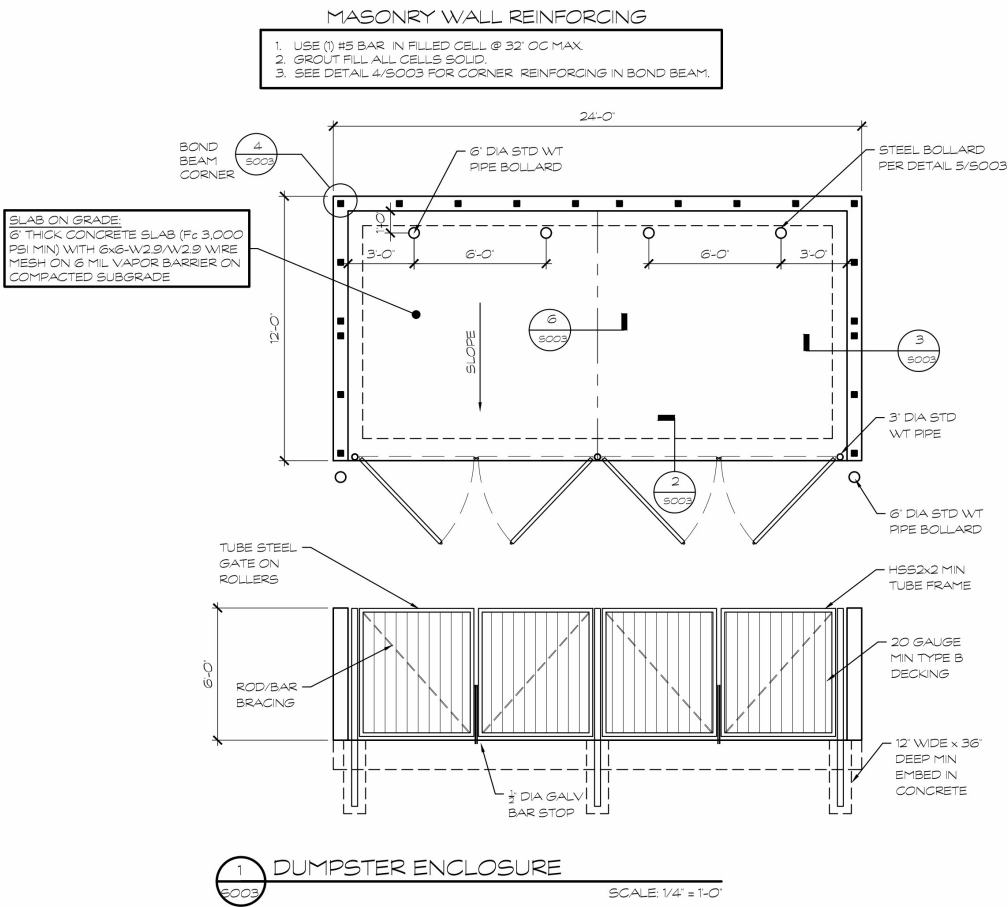
AB	ANCHOR BOLT	LL	LIVE LOAD
AFF	ABOVE FINISH FLOOR	LLBB	LONG LEG BACK-TO-BACK
ARCH	ARCHITECT(URAL)	LLH	LONG LEG HORIZONTAL
		LLV	LONG LEG VERTICAL
BLDG	BUILDING	(N)	NEW
BRDG	BRIDGING	OC	ON CENTER
BRG	BEARING		
CJ	CONTRACTION JOINT (SLAB SAW CUT)	PAF	POWDER-ACTUATED FASTENER(S)
CL	CENTERLINE	PL	PLATE
CMU	CONCRETE MASONRY UNIT	PLF	POUNDS PER LINEAR FOOT
CONC	CONCRETE	PNL	PANEL
CONN	CONNECTION	PSF	POUNDS PER SQUARE FOOT
CONT	CONTINUOUS	PSI	POUNDS PER SQUARE INCH
COORD	COORDINATE	REQ	REQUIRED
DIA	DIAMETER		
DL	DEAD LOAD	SDI	STEEL DECK INSTITUTE
DWG	DRAWING	SHI	SIMILAR
EA	EACH	SJI	STEEL JOIST INSTITUTE
EF	EACH FACE	SOG	SLAB ON GRADE
ENG	ENGINEER	SPECS	SPECIFICATIONS
EL	ELEVATION	SQ	SQUARE
EQ	EQUAL	STD	STANDARD
EW	EACH WAY	STL	STEEL
EXT	EXTERIOR		
(E)	EXISTING	TOS	TOP OF STEEL
FBC	FLORIDA BUILDING CODE	TOS	TOP OF BEAM
FF	FINISHED FLOOR	TOP	TOP OF FOOTING
FS	FAR SIDE	TOW	TOP OF WALL
FTG	FOOTING	T&B	TOP AND BOTTOM
		TRANS	TRANSVERSE
		TYP	TYPICAL
GA	GAUGE	UNO	UNLESS NOTED OTHERWISE
GC	GENERAL CONTRACTOR		
HC	HOLLOW-CORE	VIF	VERIFY IN FIELD
HORIZ	HORIZONTAL	VERT	VERTICAL
HS	HEADED STUD		
HSS	HOLLOW STRUCTURAL SECTION	WL	WIND LOAD
		WWM	WELDED WIRE MESH
INT	INTERIOR	W/	WITH

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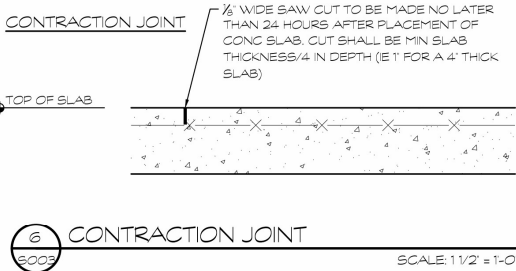
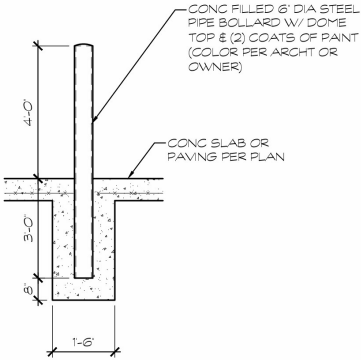
WIND PRESSURES & WIND ZONE DIAGRAMS	
DATE	REMARKS
07-13-2022	ISSUED FOR PERMIT

PA/PM:	DMS
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JOB NO.:	MIA21-0040-00

SHEET
S100-002



4 BOND BEAM CORNER CONTINUITY
SCALE: 3/4" = 1'-0"



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DUMPSTER PLAN & STRUCTURAL DETAILS		DATE	ISSUED FOR PERMIT
	RELINQUISH	07-13-2022	

PA/PM:	DMS
DRAWN BY.:	DNR
JOB NO.:	MIA21-0040-00

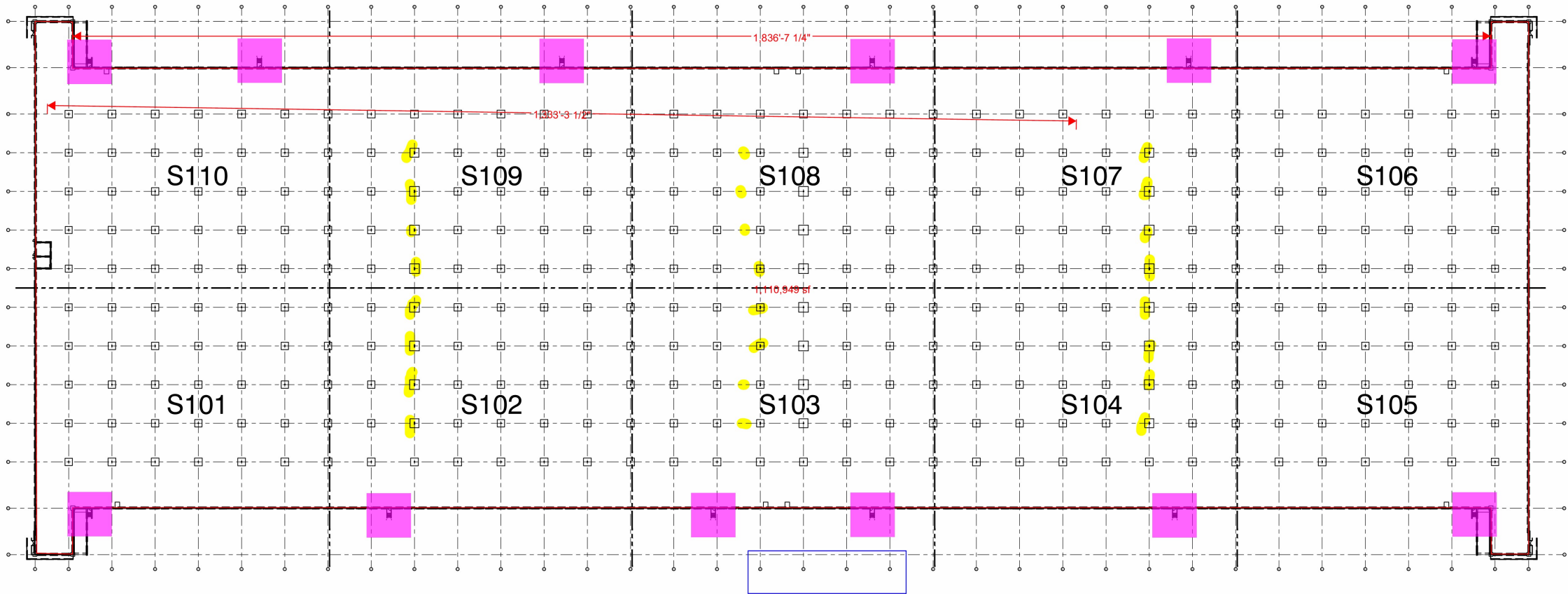
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OVERALL FOUNDATION PLAN
SCALE: 1" = 8'-0"

- REFER TO STRUCTURAL NOTES FOR SOIL COMPACTION REQUIREMENTS. REINFORCING 'CHAIRS' ARE REQUIRED PER FLORIDA BUILDING CODE.
- THE CONCRETE SLAB SHALL BE CAST ON A VAPOR BARRIER ON WELL-COMPACTED, CLEAN, TERMITE-TREATED FILL. SLAB CURING IS REQUIRED.
- THE CONCRETE SLAB ON GRADE HAS NOT BEEN SPECIFICALLY DESIGNED TO SAFELY SUPPORT PANEL BRACE REACTIONS, NOR HAS IT BEEN SPECIFICALLY DESIGNED TO SAFELY SUPPORT ANY CRANE LOADS. IF USED AS SUCH, SUBMIT SIGNED AND SEALED CALCULATIONS VERIFYING SLABS CAPACITY TO BE UTILIZED IN SUCH A MANNER.
- CENTERLINES OF WALLS AND COLUMNS SHALL COINCIDE WITH THE FOUNDATION CENTERLINES, UNLESS SPECIFICALLY SHOWN OTHERWISE.
- ELEVATIONS SHOWN ON THESE PLANS REFER TO 0'-0" REFERENCE ELEVATION (TOP OF GROUND FLOOR SLAB).
- SEE DETAIL 7/5301 FOR PLUMBING CHASE AT FOOTING IF REQUIRED.
- SEE DRAWING 5001 FOR STRUCTURAL NOTES.
- VERIFY ALL DIMENSIONS, ELEVATIONS, SLAB STEPS AND SLAB FINISHES WITH BUILDING DRAWINGS PRIOR TO COMMENCING CONSTRUCTION. FOR ADDITIONAL DIMENSIONAL INFORMATION NOT GIVEN HERE, REFER TO BUILDING DRAWINGS.
- SLAB ON GRADE CONTRACTION JOINTS (CJ) SHALL BE TOoled OR SAWCUT WITHIN 6 HOURS OF POURING. SEE DETAIL 1/5301. JOINT PATTERN SHALL BE SHOWN ON PLAN. CONTRACTOR SHALL PROVIDE DIAMOND SHAPED 'LEAVE-OUTS' AT ALL COLUMNS AND AT ALL ROOF DRAIN LOCATIONS (HALF-DIAMONDS).
- SIDE FORMS SHALL BE USED FOR ALL FOOTINGS UNLESS IT CAN BE DEMONSTRATED THAT SOILS ARE STABLE ENOUGH TO MAINTAIN VERTICAL 'FORM-OUT' DURING CONSTRUCTION. INSPECTOR TO VERIFY AND ADVISE.
- PROVIDE 8" WIDE x 8" DEEP MINIMUM THICKENED CONCRETE EDGE REINFORCED WITH (1) #4 BAR CONTINUOUS AT ALL DOOR OPENINGS.
- COORDINATE FINAL GRADE ELEVATIONS WITH TOP/FOOTING ELEVATIONS AND CIVIL PLANS PRIOR TO COMMENCING CONSTRUCTION. VERIFY 4" MINIMUM FROM TOP OF FOOTING TO FINISHED GRADE.
- SEE 5/5301 FOR CONSTRUCTION JOINT DETAILS (SLAB COLD JOINTS, IF NEEDED).
- PANEL DIMENSIONS SHOWN ON THESE PLANS ARE NOMINAL; ACTUAL DIMENSIONS WILL VARY. CONTRACTOR TO COORDINATE.

MARK	SIZE			REINFORCEMENT			REMARKS
	LENGTH	WIDTH	DEPTH	TOP	CENTER	BOTTOM	
TEC	CONT	1'-0"	1'-0"	-	-	(2) #5 BARS CONT	-
SP4	CONT	1'-4"	0'-10"	-	-	(2) #5 BARS CONT	-
SP2	CONT	2'-0"	1'-0"	-	-	(3) #5 BARS CONT	-
SP3	CONT	2'-8"	1'-0"	-	-	(4) #5 BARS CONT	-
SP3	CONT	3'-0"	1'-0"	-	-	(4) #5 BARS CONT	-
FB3	5'-0"	5'-0"	1'-0"	-	-	(5) #5 BARS EV	-
FB5	5'-6"	5'-6"	1'-0"	-	-	(6) #5 BARS EV	-
FB9	9'-0"	9'-0"	1'-9"	-	-	(10) #6 BARS EV	-
FB9	9'-6"	9'-6"	2'-0"	-	-	(9) #7 BARS EV	-
FC0	10'-0"	10'-0"	2'-0"	-	-	(8) #6 BARS EV	-
FI6	11'-6"	11'-6"	1'-6"	-	-	(11) #6 BARS EV	-
FI26	12'-6"	12'-6"	2'-0"	-	-	(15) #6 BARS EV	-

- GENERAL NOTES:
- THE BOTTOM OF ALL FOOTINGS SHALL BE (1'-0") MIN BELOW FINISHED EARTH GRADE.
 - TOP OF ALL INTERIOR FOOTINGS SHALL BE 8" BELOW FINISHED FLOOR (UNLESS NOTED OTHERWISE).
 - SEE DETAIL 8/5301 FOR FOOTING STEP (IF APPLICABLE).
 - USE #5 TRANS BARS @ 48" OC MAX AT ANY CONTINUOUS FOOTING w/ (3) OR MORE BARS.

MARK	TYPE	BASE PLATE	NOTES
C1	HSS 10X10 3/8	16" x 16" x 1" THICK BASE PLATE W/ (4) 1" DIA ANCHOR BOLTS	-
C2	W30X124	12" x 32" x 1 1/2" THICK BASE PLATE W/ (4) 1" DIA ANCHOR BOLTS	-

- GENERAL NOTES:
- SEE DETAIL 8/5301 FOR ANCHOR BOLT SPECIFICATIONS.

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BLDG. 1
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OVERALL FOUNDATION PLAN		DATE	DATE	DATE
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DRAWN BY.:	DNR			
JOB NO.:	MIA21-0040-00			

PA/PM:	DMS
DRAWN BY.:	DNR
JOB NO.:	MIA21-0040-00

SHEET
S100-100

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SOG 8" UNRNFC

F90

F96

F100

F56

F50

SF30

SF29

SF20

SF14

SOG 6" UNRNFC

110695.5 SQ FT

4.0 EA

21.0 EA

5.0 EA

1.0 EA

2.0 EA

390.2 FT

392.2 FT

75.4 FT

100.6 FT

1079.9 SQ FT

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CONCRETE SLAB (F_c 4,000 PSI MIN) UNREINFORCED ON 10 MIL VAPOR BARRIER ON TERMITES TREATED COMPACTED SUBGRADE.

FLATNESS AND LEVELNESS: OVERALL F-NUMBERS OF FF45/FL35 AND MINIMUM LOCAL F-NUMBERS OF FF45/FL35.

TOF EL. 0'-8" AFF TYP @ INT FTGS

FF EL. 0'-0" AFF

TYP AT PIT LEVELER

TYP AT EDGE OF DOCK (IF APPLICABLE)

TOF EL. 5'-0" AFF

RAMP SLAB (F_c 4,000 PSI MIN) ON TERMITES TREATED COMPACTED SUBGRADE.

VERIFY EXTENTS OF STEINWALL WITH CIVIL DWGS

TYP @ CORNERS

PARTIAL FOUNDATION PLAN
SCALE: 1/16" = 1'-0"

AREA 'A'

KEY PLAN
SCALE: NTS

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PARTIAL FOUNDATION
PLAN AREA 'A'

DATE	ISSUED FOR PERMIT	REMARKS
07-13-2022	OWNER REVISION	
08-18-2022	OWNER REVISION	
09-08-2022	CLIENT COORDINATION	

PA/PM: DMS

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JOB NO.: MIA21-0040-00

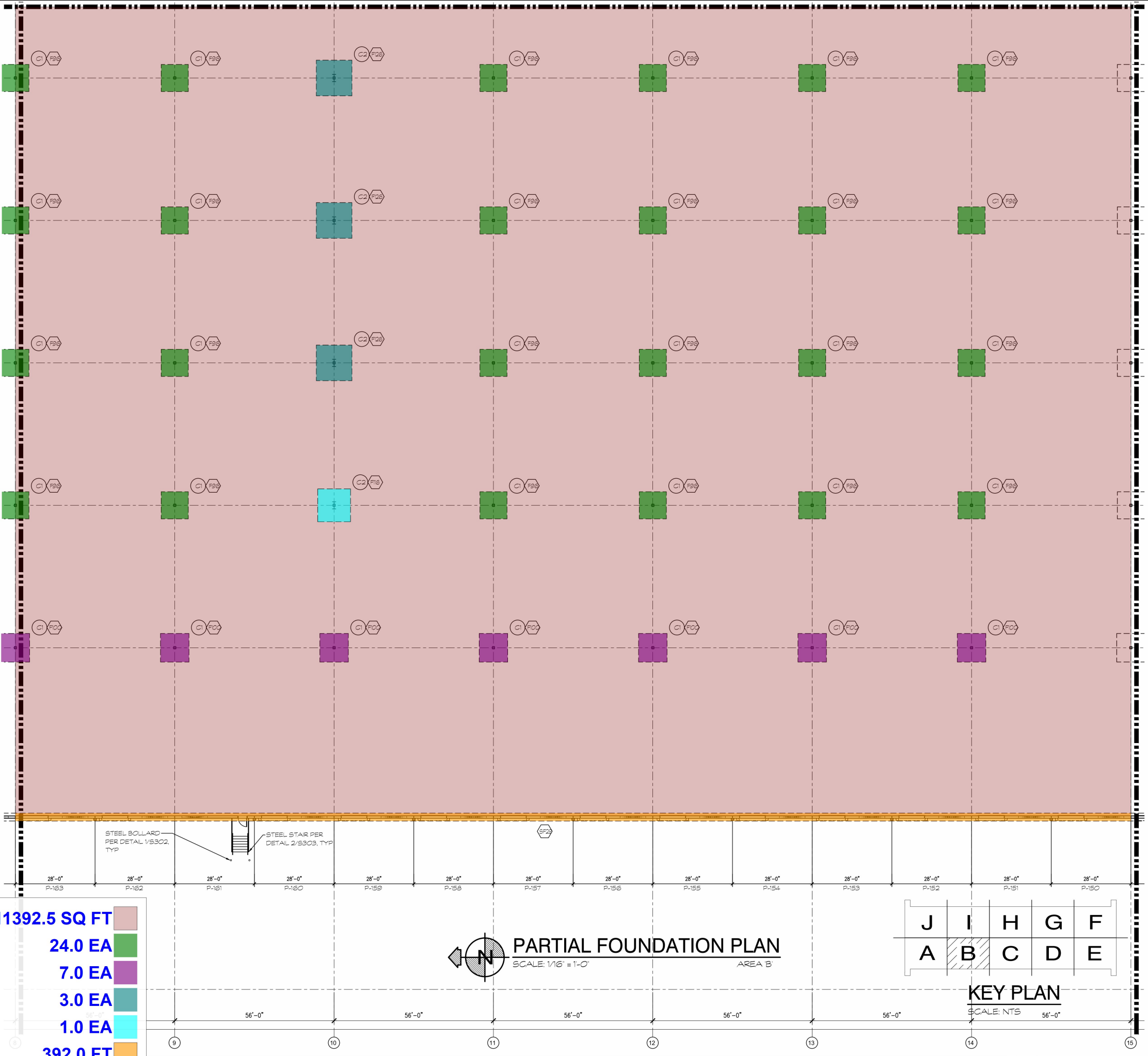
SHEET

S100-101

part St Lucie 1\Building\DWG\21-177\5001.dwg, 9/15/2022 3:20:14 PM, Intern3

- SOG 8" UNRNFC
- F96
- F100
- F126
- F116
- SF29

111392.5 SQ FT
24.0 EA
7.0 EA
3.0 EA
1.0 EA
392.0 FT



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STONEMONT FT PIERCE

BLDG. 1

ORANGE AVENUE

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PARTIAL FOUNDATION PLAN AREA 'B'

DATE: 07-13-2022

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SOG 8" UNRNFC

F96

F100

F116

F126

SF29

111426.7 SQ FT

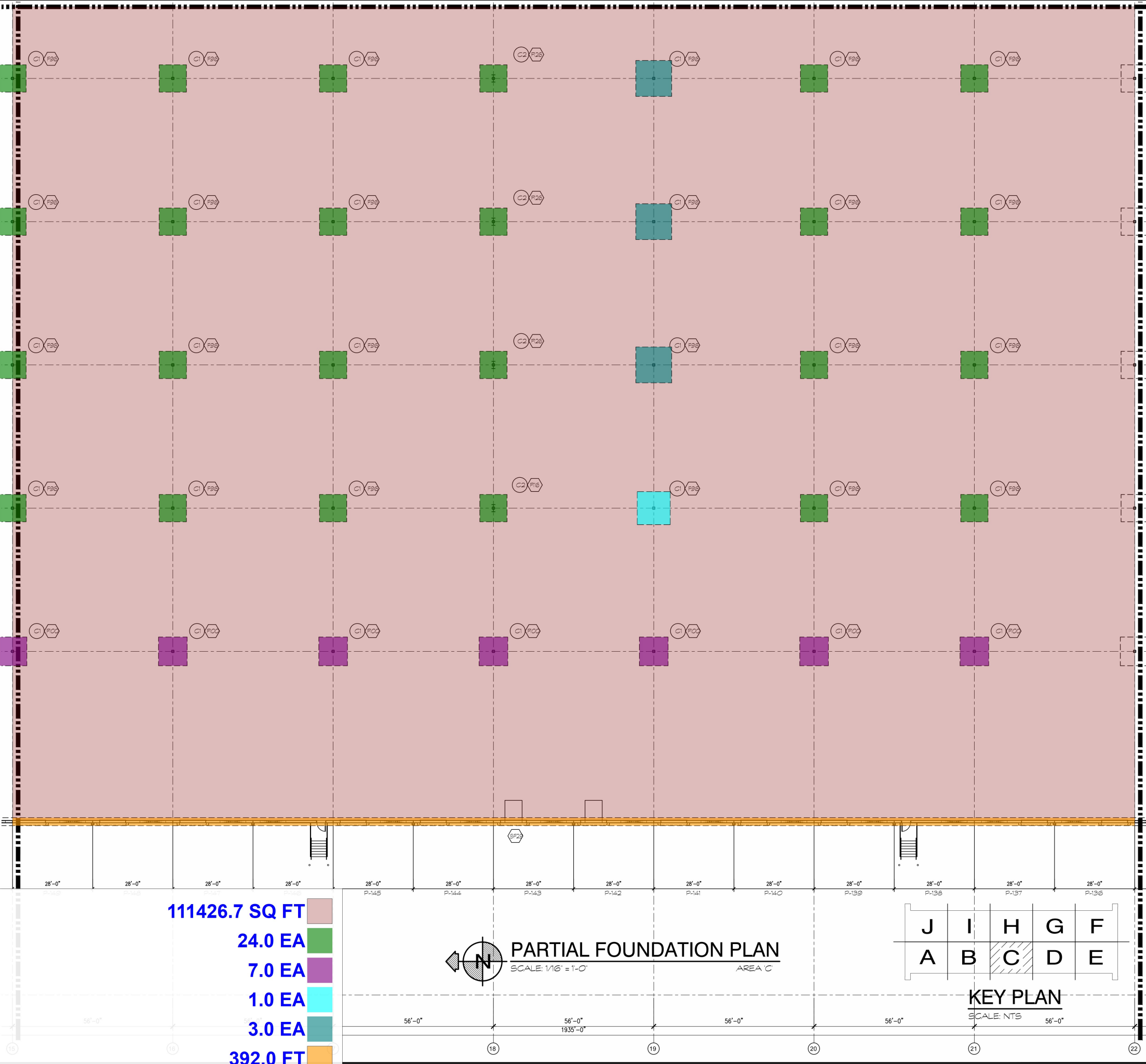
24.0 EA

7.0 EA

1.0 EA

3.0 EA

392.0 FT



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STONEMONT FT PIERCE

BLDG. 1

ORANGE AVENUE

FORT PIERCE, FLORIDA 34945

PARTIAL FOUNDATION
PLAN AREA 'C'

DATE
07-13-2022

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S100-103

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SOG 8" UNRNFC

F96

F100

F116

F126

SF29

111426.5 SQ FT

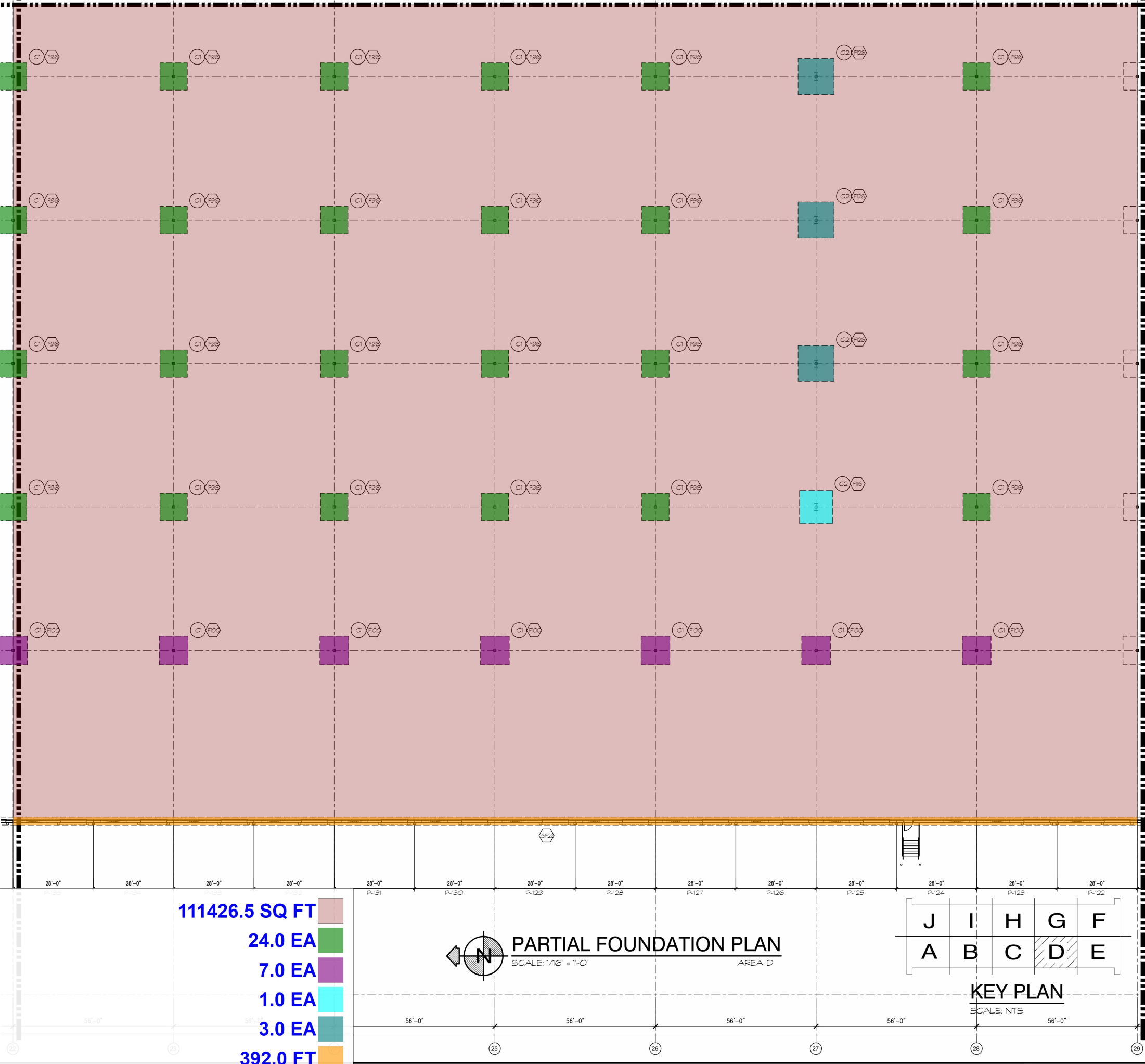
24.0 EA

7.0 EA

1.0 EA

3.0 EA

392.0 FT



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PARTIAL FOUNDATION
PLAN AREA 'D'

DATE: 07-13-2022

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REMARKS

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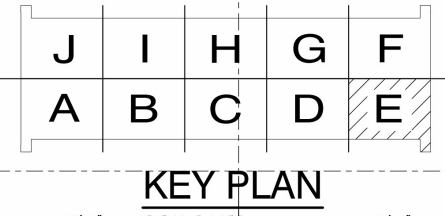
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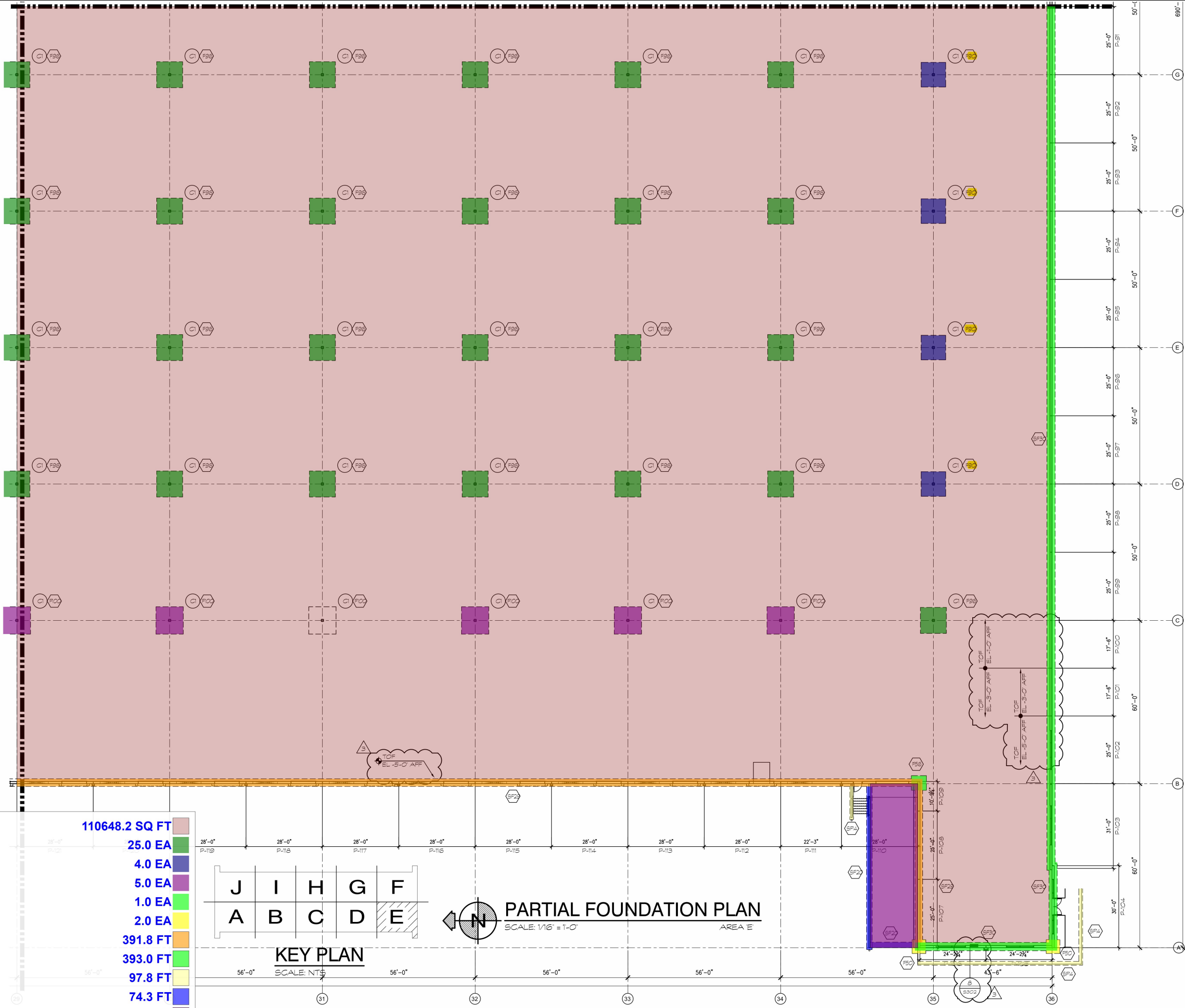
- SOG 8" UNRNFC
- F96
- F90
- F100
- F56
- F50
- SF29
- SF30
- SF14
- SF20
- SOG 6" UNRFCD

- 110648.2 SQ FT
- 25.0 EA
- 4.0 EA
- 5.0 EA
- 1.0 EA
- 2.0 EA
- 391.8 FT
- 393.0 FT
- 97.8 FT
- 74.3 FT
- 1050.0 SQ FT



PARTIAL FOUNDATION PLAN
SCALE: 1/16" = 1'-0"

AREA E



STONEMONT FT PIERCE
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PARTIAL FOUNDATION PLAN AREA 'E'	
DATE	REMARKS
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3	

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SOG 8" UNRNFC

F90

F50

F56

F96

F100

SF30

SF29

SF14

SF20

SOG 6" UNRNFC

110549.6 SQ FT

4.0 EA

2.0 EA

1.0 EA

25.0 EA

6.0 EA

395.9 FT

391.9 FT

100.6 FT

74.4 FT

1050.1 SQ FT

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PARTIAL FOUNDATION
PLAN AREA 'F'

DATE	ISSUED FOR PERMIT	REMARKS
07-13-2022		
09-08-2022	CLIENT COORDINATION	

PA/PM: DMS

DRAWN BY.: DNR

JOB NO.: MIA21-0040-00

SHEET

S100-106

SOG 8" UNRNFC

F96

F100

F116

F126

SF29

111426.0 SQ FT

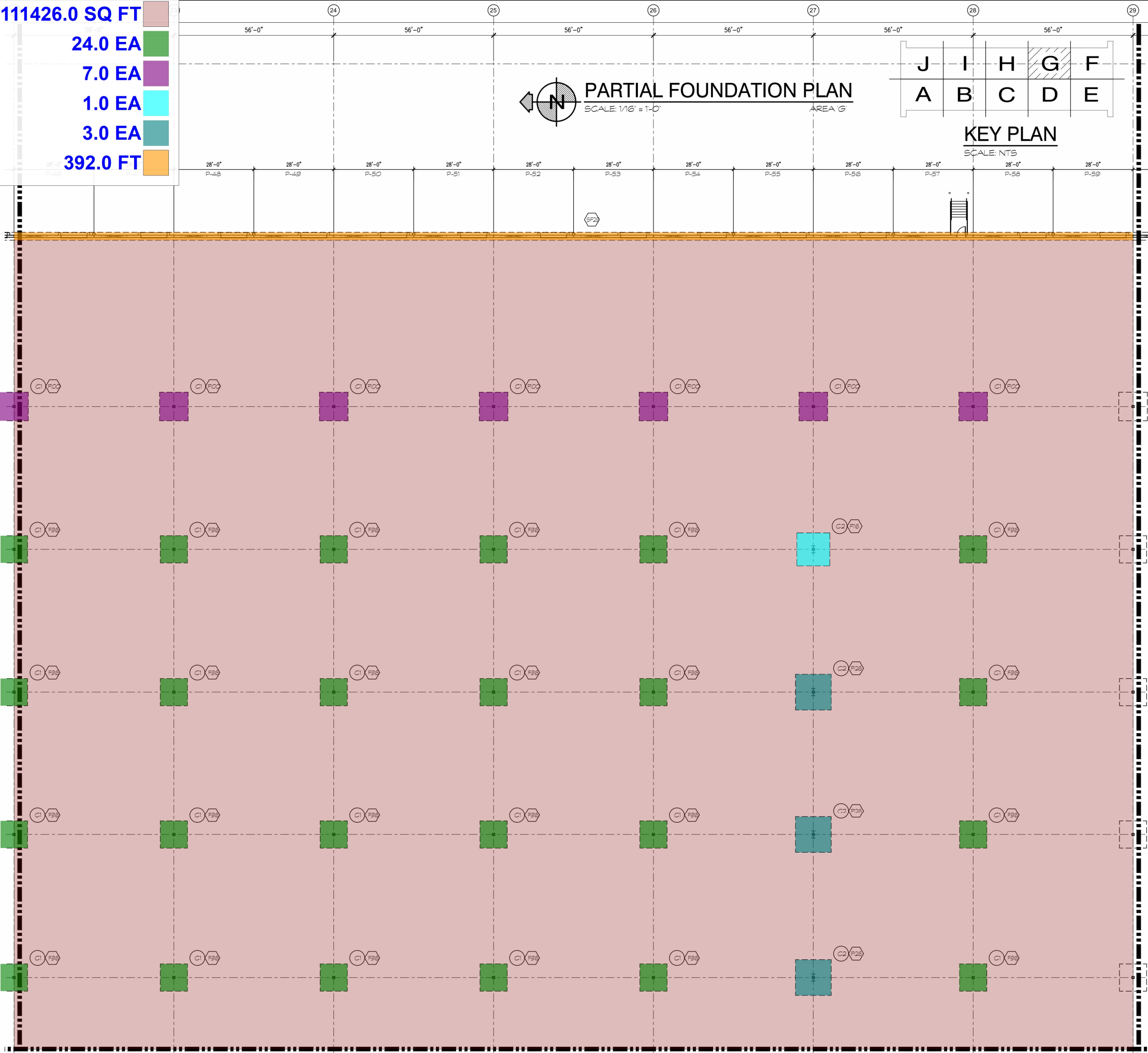
24.0 EA

7.0 EA

1.0 EA

3.0 EA

392.0 FT



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PARTIAL FOUNDATION
PLAN AREA 'G'

DATE	07-13-2022
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S100-107

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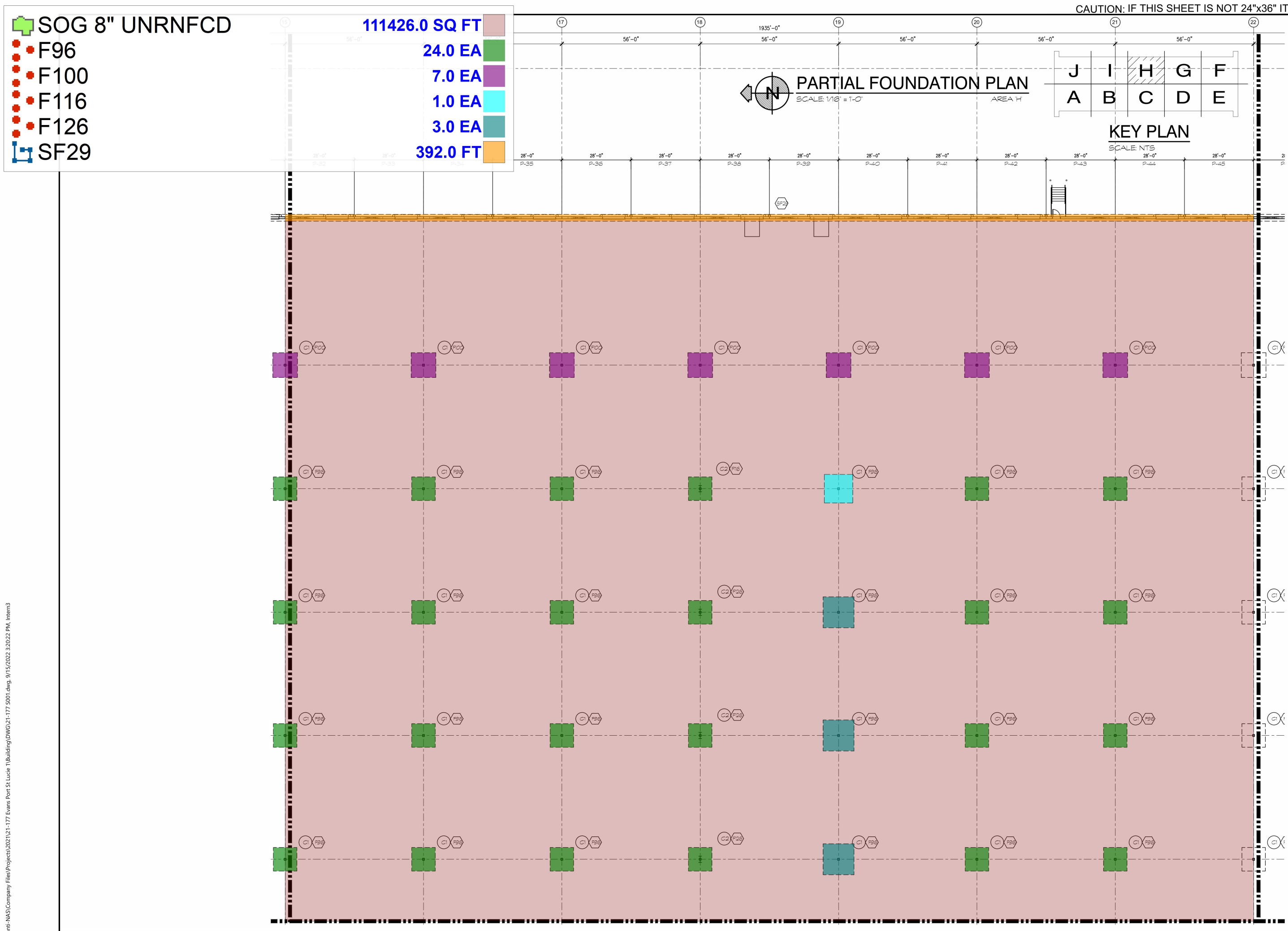
STONEMONT FT PIERCE
BLDG. 1
ORANGE AVENUE
FORT PIERCE, FLORIDA 34945

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SOG 8" UNRNFC

F96

F100

F116

F126

SF29

111426.5 SQ FT

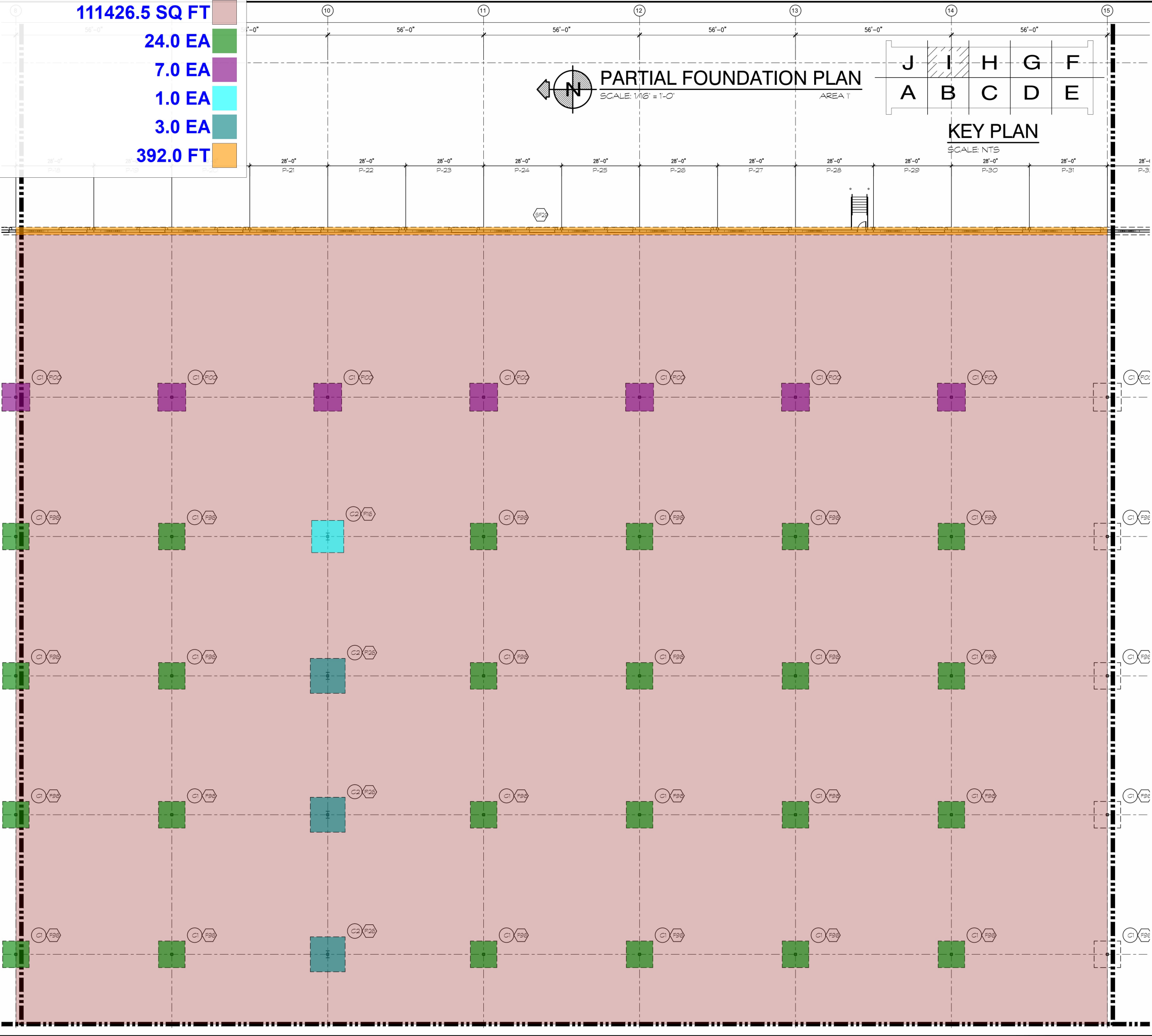
24.0 EA

7.0 EA

1.0 EA

3.0 EA

392.0 FT



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ORANGE AVENUE

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PARTIAL FOUNDATION
PLAN AREA 'I'

DATE

07-13-2022

ISSUED FOR PERMIT

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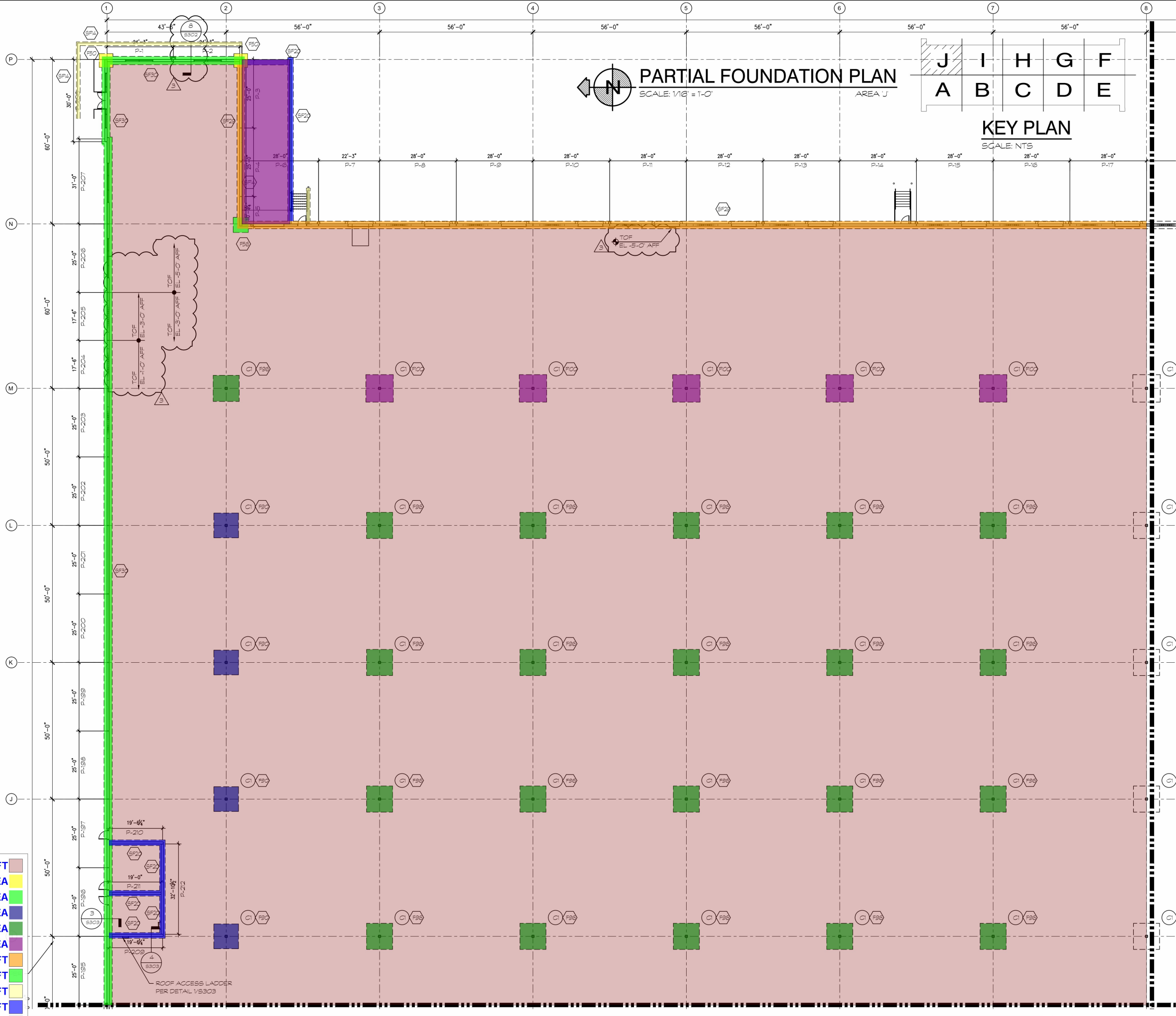
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PARTIAL FOUNDATION PLAN AREA 'J'	
DATE	07-13-2022
ISSUED FOR PERMIT	09-08-2022
CLIENT COORDINATION	

PA/PM:	DMS
DRAWN BY.:	DNR
JOB NO.:	MIA21-0040-00

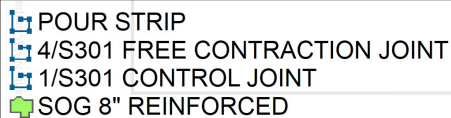
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S100-110

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BLDG. 1
ORANGE AVENUE
FORT PIERCE, FLORIDA 34945

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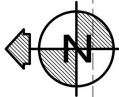
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21-177 Evans Port St Lucie 1\Building\DWG\21-177 S001.dwg, 9/15/2022 3:20:28 PM, Intern3

-  POUR STRIP
-  4/S301 FREE CONTRACTION JOINT
-  1/S301 CONTROL JOINT
-  SOG 8" REINFORCED

392.0 FT
392.0 FT
15916.0 FT
3919.7 SQ FT



PARTIAL CONTRACTION JOINT PLAN
SCALE: 1/16" = 1'-0"

AREA B

J	I	H	G	F
A	B	C	D	E

KEY PLAN

SCALE: NTS

56'-0" 56'-0" 56'-0" 56'-0" 56'-0"

11

12

13

14

15

STONEMONT FT PIERCE
BLDG. 1
ORANGE AVENUE
FORT PIERCE, FLORIDA 34945

PARTIAL CONTRACTION JOINT PLAN AREA 'B'	
DATE	ISSUED FOR PERMIT
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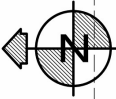
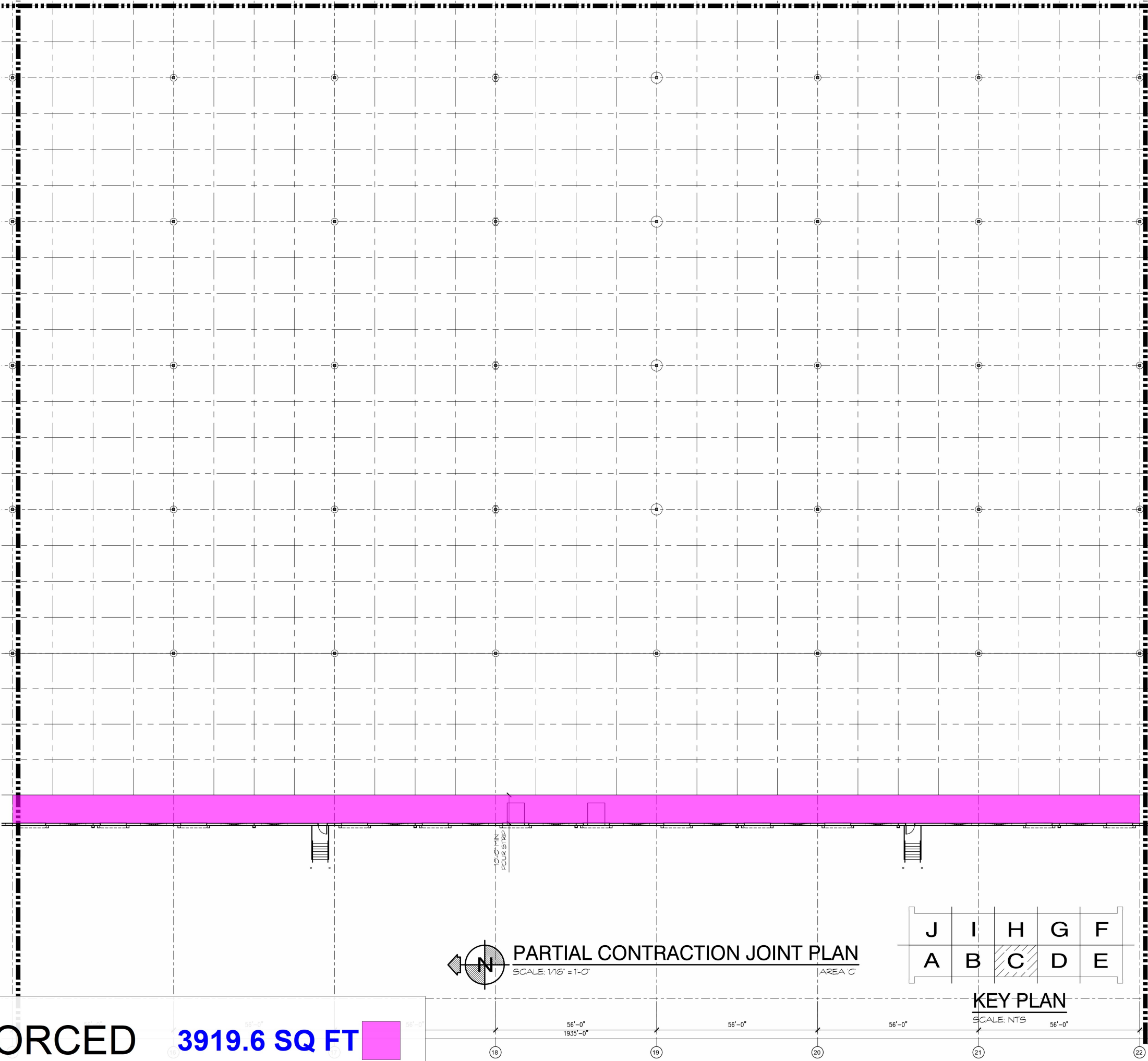
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 **SOG 8" REINFORCED**

3919.6 SQ FT



PARTIAL CONTRACTION JOINT PLAN
SCALE: 1/16" = 1'-0"
AREA C

J	I	H	G	F
A	B	C	D	E

KEY PLAN
SCALE: NTS

PARTIAL CONTRACTION JOINT PLAN AREA 'C'	
DATE	ISSUED FOR PERMIT
07-13-2022	
RELINQUISH	

PA/PM:	DMS
DRAWN BY.:	DNR
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BLDG. 1
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BLDG. 1
ORANGE AVENUE
FORT PIERCE, FLORIDA 34945**

PARTIAL CONTRACTION JOINT PL AN AREA 'E'

[illegible]

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JOB NO.:	MIA21-0040-00

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S100-115

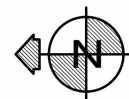
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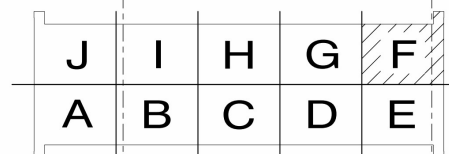
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 SOG 8" REINFORCED 5585.7 SQ FT 



PARTIAL CONTRACTION JOINT PLAN



KEY PLAN

SCALE: NTS

[illegible]

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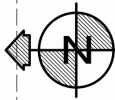
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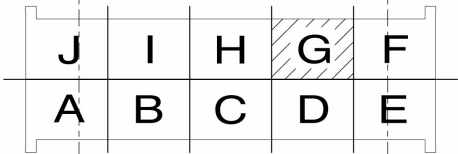
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 SOG 8" REINFORCED

3919.4 SQ FT



PARTIAL FOUNDATION PLAN
SCALE: 1/16" = 1'-0"
AREA 'G'



KEY PLAN
SCALE: NTS

1'-0" MAX.
FOUR STRIP

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PARTIAL CONTRACTION JOINT PLAN AREA 'G'	
DATE	RELINQUISH
07-13-2022	ISSUED FOR PERMIT

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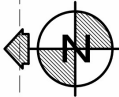


SOG 8" REINFORCED

3919.2 SQ FT

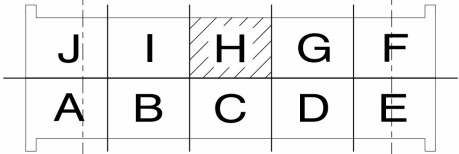


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PARTIAL CONTRACTION JOINT PLAN
SCALE: 1/16" = 1'-0"

AREA 'H'



KEY PLAN

SCALE: NTS



10'-0" MIN.
POLE STRIP

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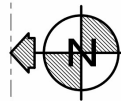
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PARTIAL CONTRACTION JOINT PLAN AREA 'H'		
DATE	REVISIONS	ISSUED FOR PERMIT
07-13-2022		

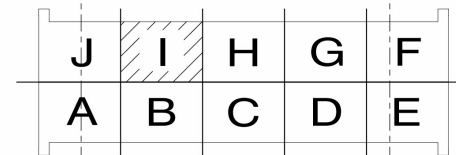
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S100-118

3919.3 SQ FT



PARTIAL CONTRACTION JOINT PLAN



KEY PLAN

SCALE: NTS

10'-0" MIN
POUR STRIP

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BLDG. 1

ORANGE AVENUE

FORT PIERCE, FLORIDA 34945

**PARTIAL CONTRACTION
JOINT PLAN AREA "I"**

DATE	REMARKS
07-12-2022	ISSUED FOR PERMIT

07-13-2022	ISSUED FOR PERMIT
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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JOB NO.:

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BY.:	DM
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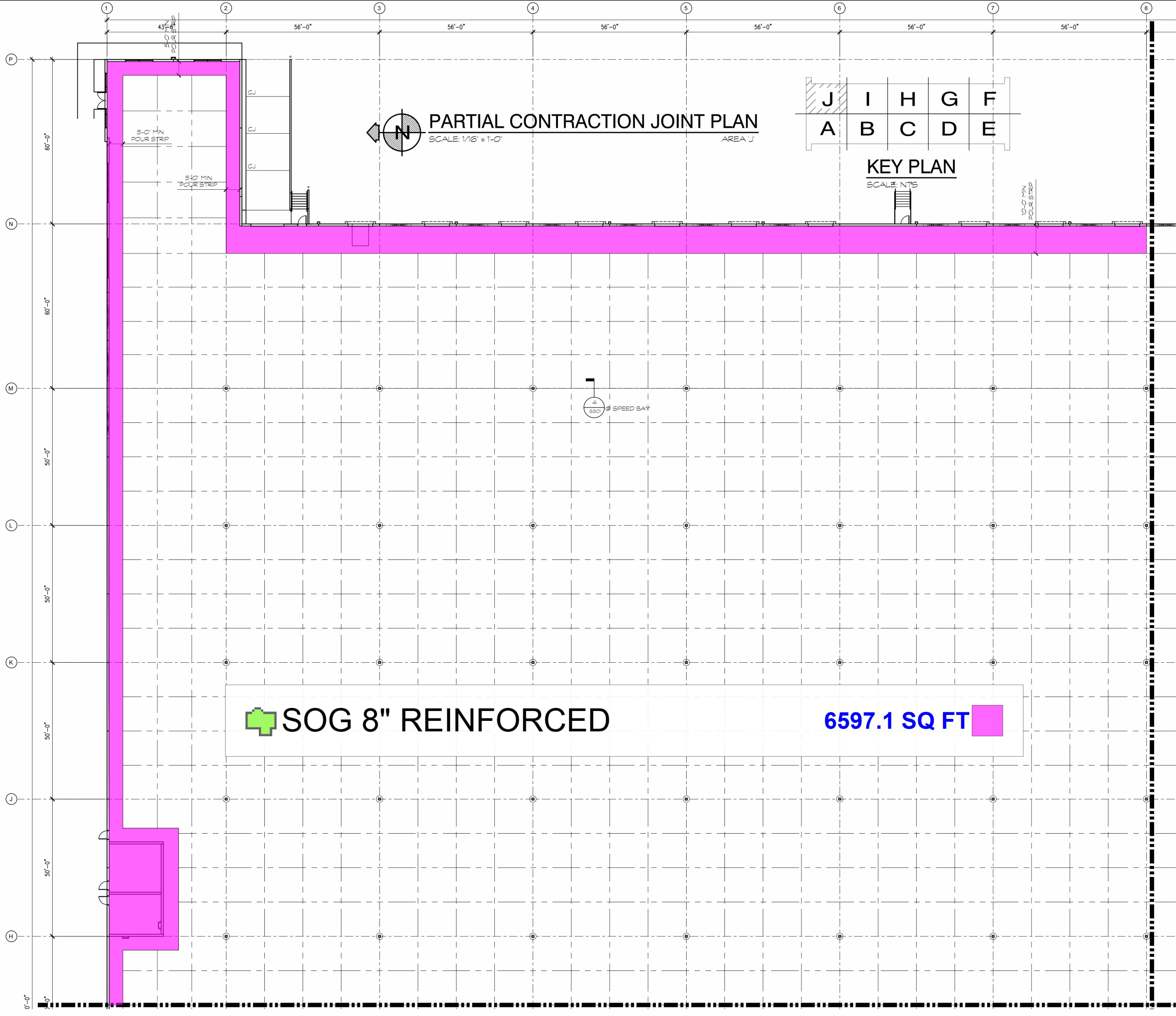
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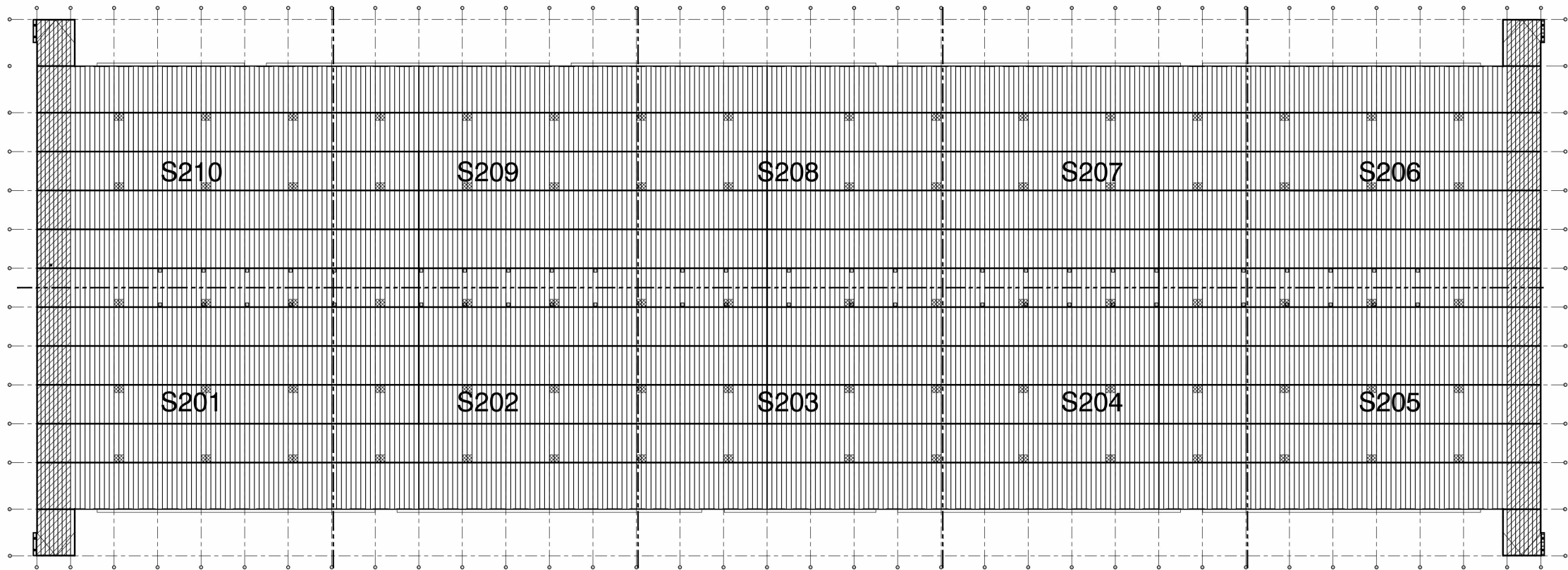
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BLDG. 1
ORANGE AVENUE
FORT PIERCE, FLORIDA 34945

PARTIAL CONTRACTION JOINT PLAN AREA 'J'		
DATE	ISSUED FOR PERMIT	RELINQUISHED
07-13-2022		

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JOB NO.:	MIA21-0040-00

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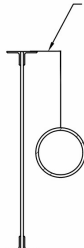
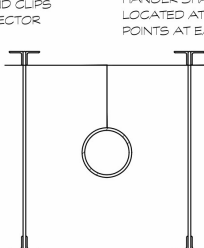
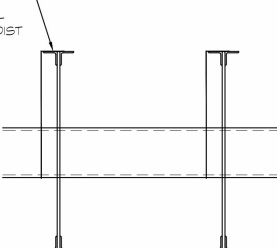


OVERALL ROOF FRAMING PLAN
SCALE: 1" = 80'-0"

METAL DECKING ATTACHMENT NOTES

1. WHEN POWDER DRIVEN OR PNEUMATIC FASTENERS ARE SHOWN ON STRUCTURAL DRAWINGS ACCEPTABLE FASTENER TYPES ARE PNUETEX K AND SDK SERIES AND HLT, X-ENP19, X-HSN24, X-EDN19, AND X-EDNK22. OTHER FASTENER TYPES MAY BE APPROVED IF FASTENER DESIGN INFORMATION IS PROVIDED. CONTRACTOR SHALL COORDINATE FASTENER TYPE WITH THE THICKNESS OF STEEL SUBSTRATE THAT THE FASTENER IS ATTACHED TO.
2. WHERE SIDELAP FASTENERS ARE SPECIFIED ON THE STRUCTURAL DRAWINGS ACCEPTABLE MANUFACTURERS ARE BULDEX, ELCO, HLT, SIMPSON STRONG TIE OR TRIANGLE. NO SUBSTITUTION WILL BE APPROVED. IF A SPECIFIC TYPE OF SIDELAP SCREW IS SHOWN ON THE STRUCTURAL DRAWINGS, IT MUST BE USED UNLESS AN ALTERNATE IS APPROVED BY THE ENGINEER.
3. GC TO PROVIDE CALCULATIONS PREPARED BY MANUFACTURER OF FASTENING SYSTEM FOR EOR REVIEW PRIOR TO DECKING INSTALLATION.
4. SEE DECKING DIAPHRAGM SKETCH FOR REQUIRED VALUES AND ZONES.

WATER PIPE SUPPORT SCHEDULE

 STRUTS AND CLIPS BY PIPE ERECTOR			 HANGER SHALL BE LOCATED AT PANEL POINTS AT EACH JOIST					
<u>4" DIA PIPE OR LESS</u>			<u>PIPE LARGER THAN 4" DIA</u>			<u>PIPE PERPENDICULAR TO JOISTS</u>		

DIA (IN)	WEIGHT (PLF)	MAX PIPE SUPPORT SPACING (FT)	<u>NOTES:</u> 1. PIPES IN TABLE ARE SCHEDULE 40 OR STANDARD (S) TYPE. 2. PIPE WEIGHT INCLUDES PIPE + INSULATION + WATER. 3. EXACT PIPE LOCATION TO BE COORDINATED WITH FIRE PROTECTION DESIGN DWGS. 4. PIPES RUNNING PARALLEL TO JOIST w/ DIA GREATER THAN 4" OR RUNNING IN COMBINATION w/ OTHER PIPES SHALL BE DISTRIBUTED TO A MINIMUM OF TWO JOISTS. ONE JOIST SHOULD NOT SUPPORT (2) OR MORE PIPES GREATER THAN 4". 5. MEMBER SIZES ON PLAN HAVE BEEN ADJUSTED TO SUPPORT WATER PIPING LOADS IN THIS TABLE. 6. ANY PIPE OR COMBINATION OF PIPES WITH TOTAL DIA GREATER THAN 8" SHALL BE HUNG PER THE DIRECTION OF THE ENGINEER (NOTIFY ENGINEER PRIOR TO PROCEEDING WITH WORK).
2½	8.5	12	
3"	11.5	12	
4"	17.0	12	
5"	24.5	12	
6"	32.5	6	
8"	52.0	6	

ROOF FRAMING GENERAL NOTES

1. STRUCTURAL CLEAR HEIGHT SHALL BE 40'-0" AFF FROM GRIDLINE C-M (UPHILL OF GIRDER).
2. BAR JOISTS & GIRDERS SHOWN IN FUTURE RTU ZONE ON ROOF PLAN HAVE BEEN DESIGNED INCLUDING DEAD LOADS ASSOCIATED WITH FUTURE ROOF TOP UNIT AND CURB LOCATED ANYWHERE ALONG JOISTS, SUPPORTED BY TWO JOISTS MINIMUM (LIMIT ONE UNIT PER JOIST SPAN).
3. SEE DETAIL YS402 FOR PERIMETER ANGLE SPLICE. SPLICE EVERY THREE PANELS MAXIMUM.
4. SEE DETAIL 2/S401 FOR TYP DECK OPENING WHERE REQUIRED (i.e. ROOF HATCH).
5. SEE DETAIL YS401 @ FUTURE RTU SUPPORT FRAMING & OPENING.
6. SEE ARCHT DWGS FOR REQUIRED ROOFING & ROOFING DETAILS (i.e. CRICKETS, SCUPPERS, DRAINS, SLOPES, FLASHING, ETC).
7. SEE DETAIL 8/S401 & 2/S402 FOR JOIST BEARING AT TILT PANEL JOINT.
8. SEE DETAIL 3/S401 FOR BAR JOIST STIFFENER REQUIREMENTS.

DESIGN LOAD SCHEDULE (OFFICE AREAS)

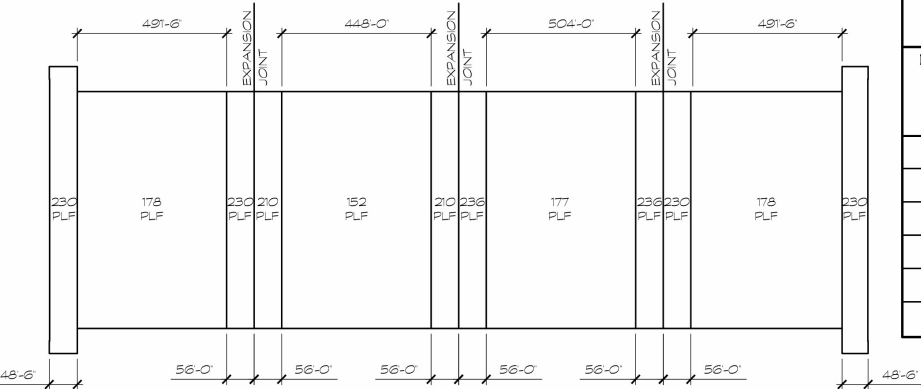
TPO ROOFING	3.0
ROOF INSULATION	2.0
METAL ROOF DECK	2.0
BAR JOIST FRAMING	2.5
FUTURE OFFICE CEILING	1.5
MECHANICAL/ELECTRICAL	2.0
MISCELLANEOUS	1.0
SPRINKLER SYSTEM	3.0
TOTAL DEAD LOAD	17.0
TOTAL LIVE LOAD	20.0
TOTAL LOAD	37.0

- GENERAL NOTES:**
1. CODE PERMITTED LIVE LOAD REDUCTIONS BASED ON AREA SHALL BE TAKEN.
 2. ALL LOADS SHOWN ABOVE ARE IN PSF.

DESIGN LOAD SCHEDULE (WAREHOUSE AREAS)

TPO ROOFING	3.0
ROOF INSULATION	2.0
METAL ROOF DECK	2.0
BAR JOIST FRAMING	2.5
FUTURE OFFICE CEILING	0.0
MECHANICAL/ELECTRICAL	1.0
MISCELLANEOUS	0.5
SPRINKLER SYSTEM	3.0
TOTAL DEAD LOAD	14.0
TOTAL LIVE LOAD	20.0
TOTAL LOAD	34.0

- GENERAL NOTES:**
1. CODE PERMITTED LIVE LOAD REDUCTIONS BASED ON AREA SHALL BE TAKEN.
 2. ALL LOADS SHOWN ABOVE ARE IN PSF.



DECKING DIAPHRAGM ZONES NTS

NOTE:
DIAPHRAGM LOADS ARE BASED ON ASD LOAD COMBINATION 0.6D+0.6W

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FORT PIERCE, FLORIDA 34945

OVERALL ROOF FRAMING PLAN

DATE	07-13-2022
ISSUED FOR PERMIT	

PAP/M: DMS
DRAWN BY.: DNR
JOB NO.: MIA21-0040-00

SHEET
S100-200

Avanti Project No. 21-177

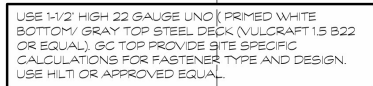
PARTIAL ROOF FRAMING
PLAN AREA 'A'

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PA/PM:	DMS
DRAWN BY.:	DNR
JOB NO.:	MIA21-0040-00

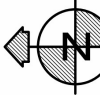
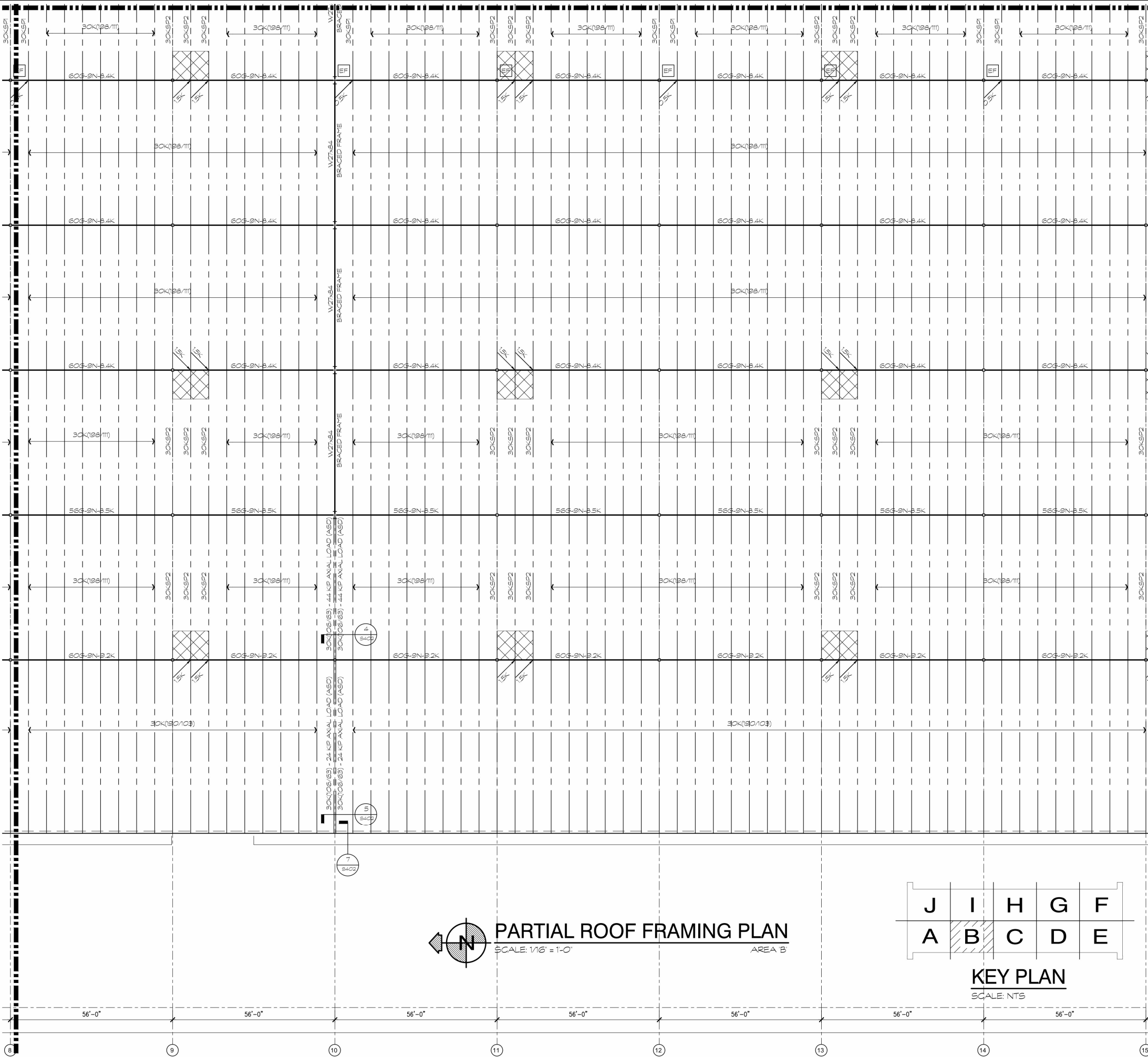
SHEET

S100-201



PARTIAL ROOF FRAMING PLAN

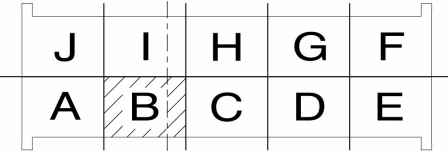
KEY PLAN
SCALE: NTS



PARTIAL ROOF FRAMING PLAN

SCALE: 1/16" = 1'-0"

AREA 'B'



KEY PLAN

SCALE: NTS

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PARTIAL ROOF FRAMING
PLAN AREA 'B'

DATE	REVISIONS
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PARTIAL ROOF FRAMING
PLAN AREA 'C'

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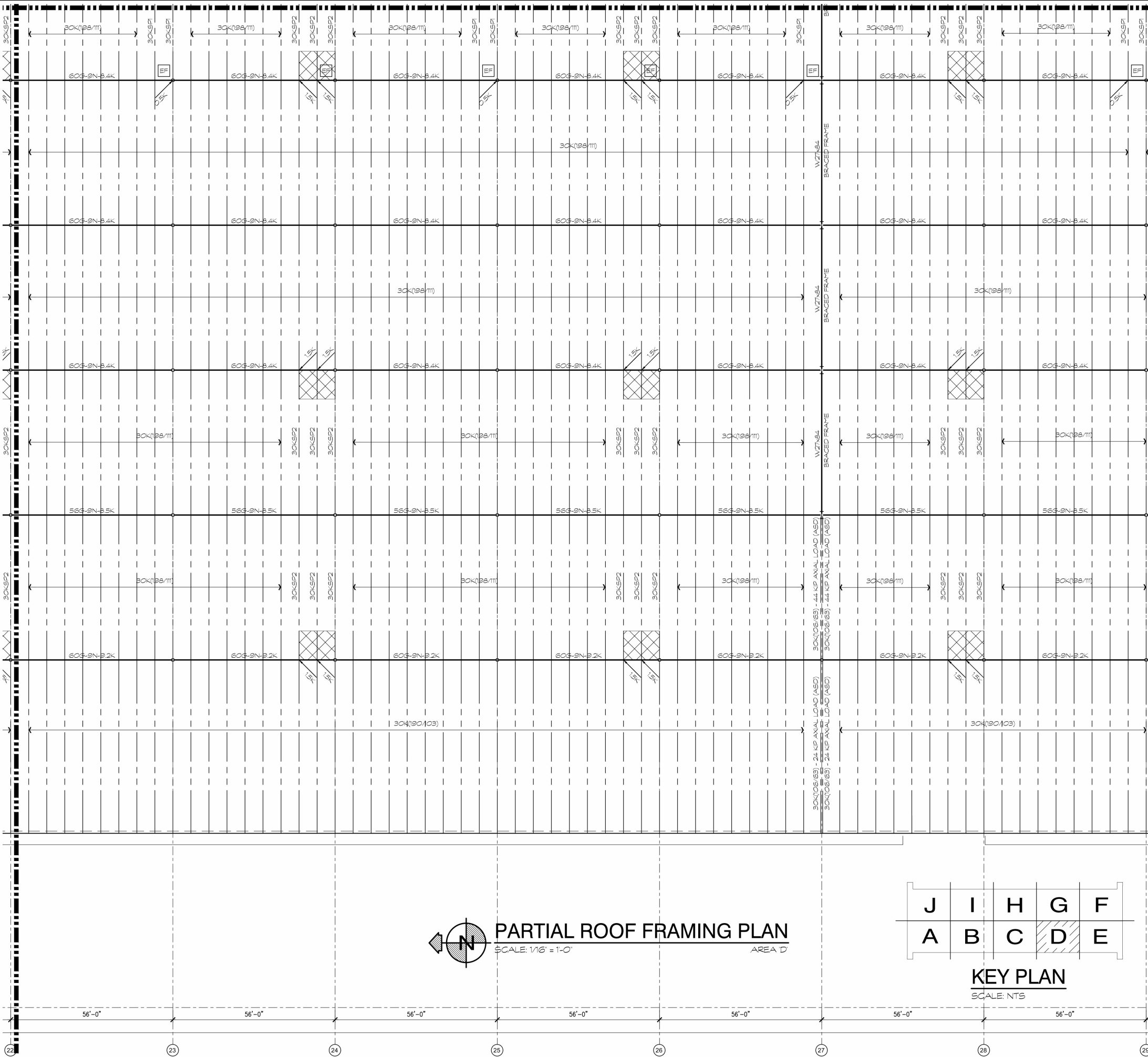
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PARTIAL ROOF FRAMING
PLAN AREA 'D'

DATE	REVISIONS
07-13-2022	ISSUED FOR PERMIT

PA/PM: DMS

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JOB NO.: MIA21-0040-00

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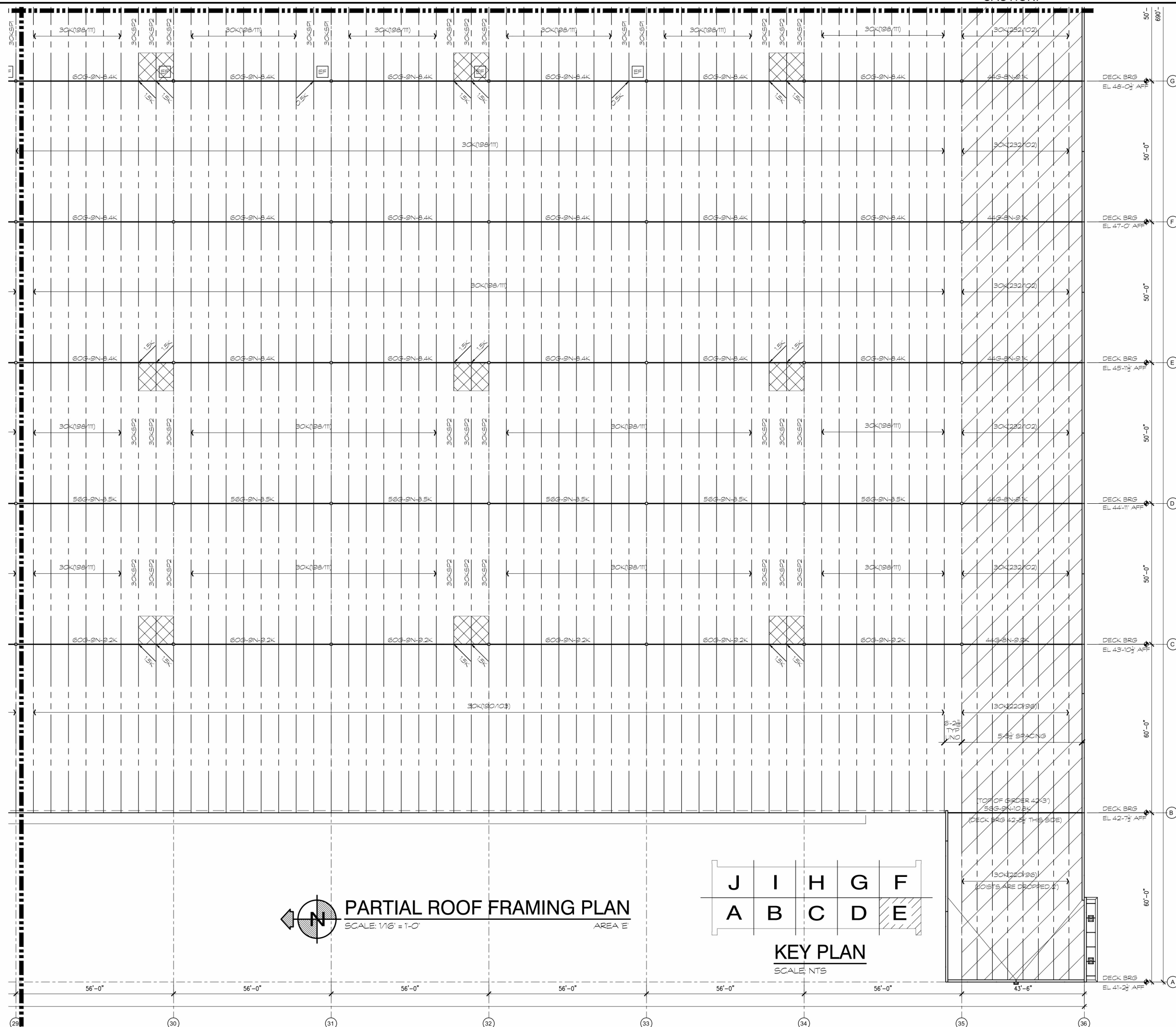
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FORT PIERCE, FLORIDA 34945

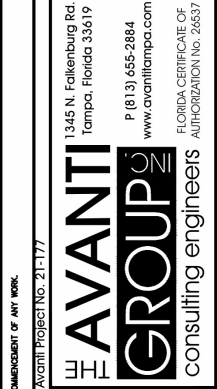
PARTIAL ROOF FRAMING
PLAN AREA 'E'

PA/PM:	DMS
DRAWN BY.:	DNR
JOB NO.:	MIA21-0040-0

SHEET

S100-205





	DATE	REMARKS
	07-13-2022	ISSUED FOR PERMIT
2	09-02-2022	CLIENT COORDINATION

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S100-206

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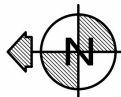
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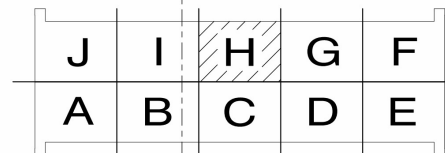
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PARTIAL ROOF FRAMING PLAN



KEY PLAN

SCALE: NTS

KNOW ANY JO INVOLVEMENT

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PARTIAL ROOF FRAMING
PLAN AREA "H"

DATE	REMARKS
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	07-13-2022	ISSUED FOR PERMIT
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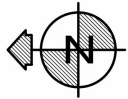
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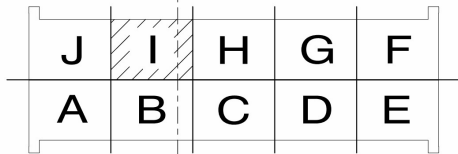
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S100-208



PARTIAL ROOF FRAMING PLAN



KEY PLAN

SCALE: NTS

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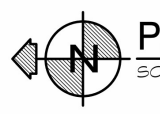
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**PARTIAL ROOF FRAMING
PLAN AREA "I"**

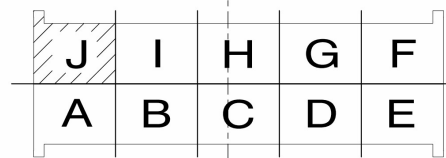
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PARTIAL ROOF FRAMING PLAN



KEY PLAN

SCALE: NTS

INJUNCTION OF ANY WORK.

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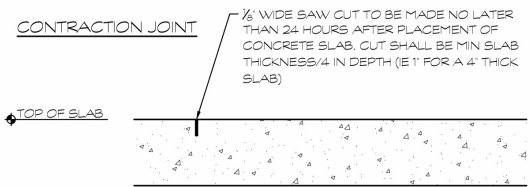
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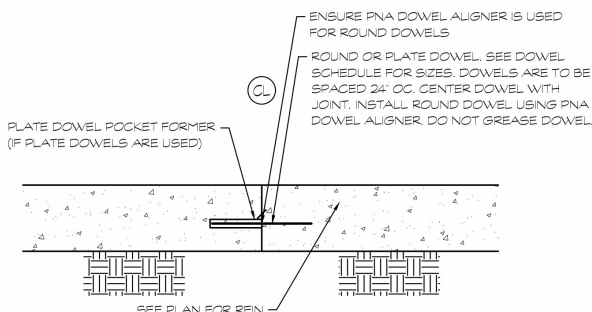
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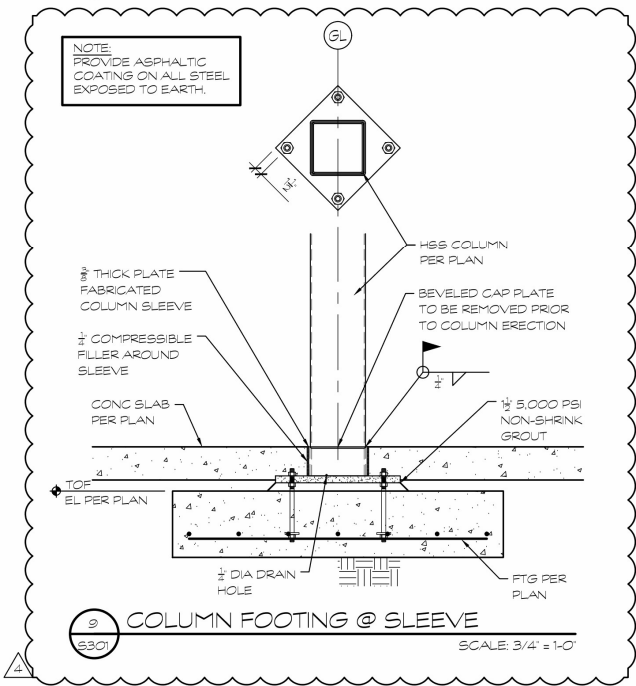
1 CONTRACTION JOINTS
SCALE: 1 1/2" = 1'-0"

SMOOTH DOWEL SCHEDULE			
SLAB DEPTH (N)	DIAMETER (N)	TOTAL LENGTH (N)	ALTERNATE PLATE DOWELS (N)
5	5/8	10	1/4 x 4 1/2 x 4 1/2
6	3/4	10	1/4 x 4 1/2 x 4 1/2
7	7/8	13	3/8 x 4 1/2 x 4 1/2
8	1	13	3/8 x 4 1/2 x 4 1/2
9	1 1/8	15	3/4 x 4 1/2 x 4 1/2
10	1 1/4	15	3/4 x 4 1/2 x 4 1/2

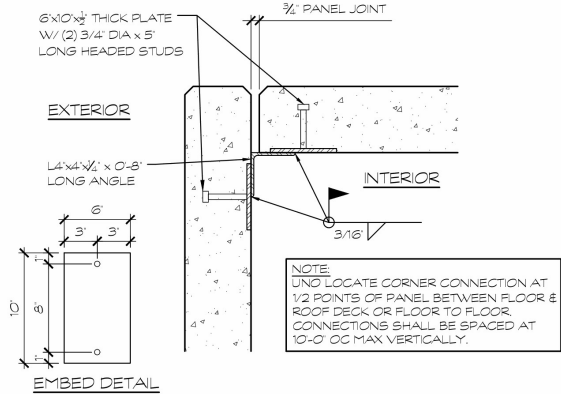
NOTE: PLATE DOWELS ARE TO BE DIAMOND DOWELS BY PNA.



5 CONSTRUCTION JOINT
IF APPLICABLE
SCALE: 1 1/2" = 1'-0"

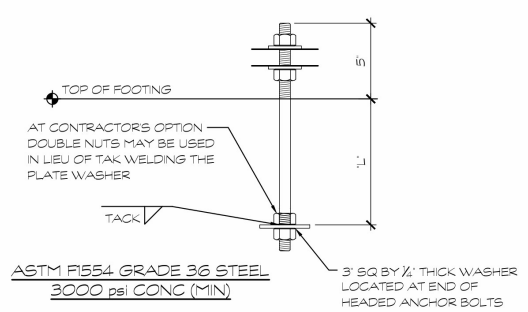


9 COLUMN FOOTING @ SLEEVE
SCALE: 3/4" = 1'-0"

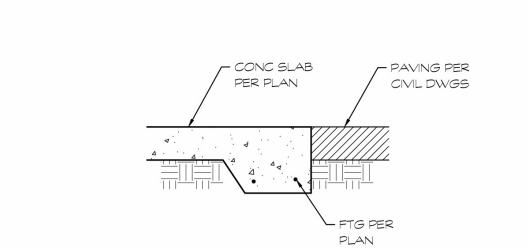


2 CORNER CONNECTION @ PANEL
BUTTED CORNER
SCALE: 1 1/2" = 1'-0"

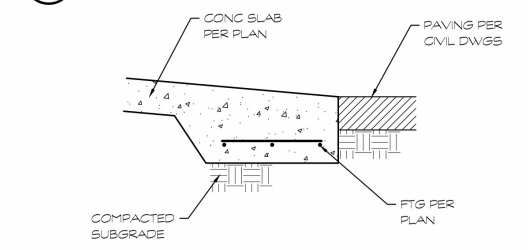
ANCHOR BOLT SCHEDULE			
COLUMN MARK	ANCHOR BOLT	LENGTH (L)	REMARKS
C1	(4) - 3/4" DIA	9'	-
C2	(4) - 1" DIA	12'	-



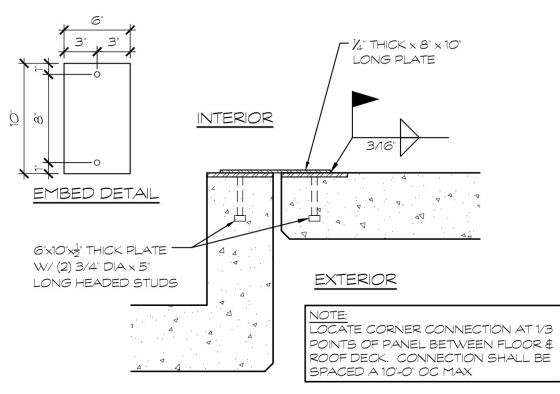
6 ANCHOR BOLT SCHEDULE
SCALE: NTS



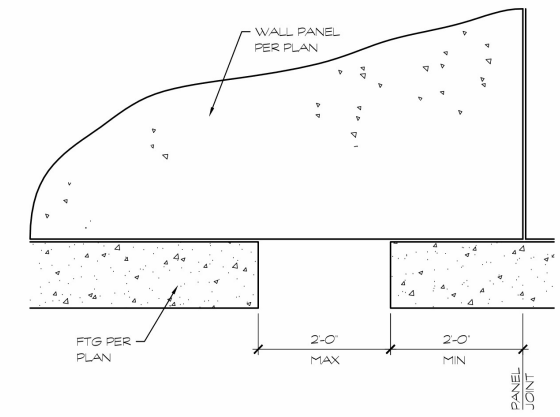
10 SLAB EDGE
SCALE: 3/4" = 1'-0"



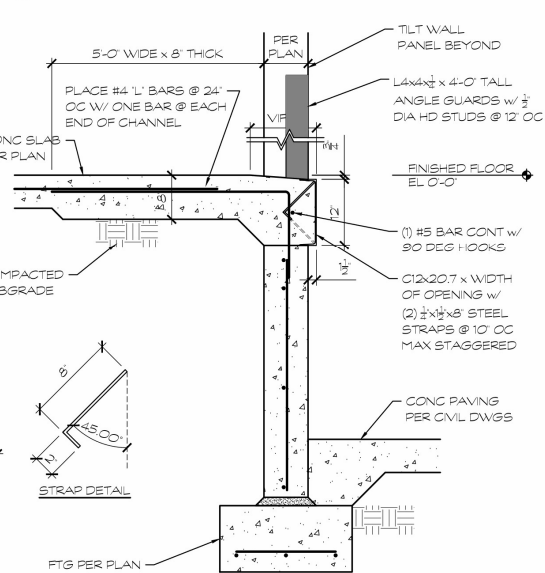
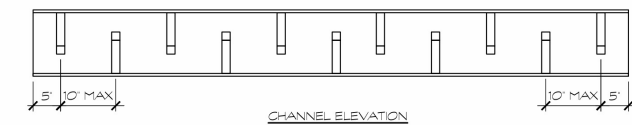
11 RAMP EDGE
SCALE: 3/4" = 1'-0"



3 TILT WALL CORNER CONNECTION
INSIDE BUTTED CORNER
SCALE: 1 1/2" = 1'-0"

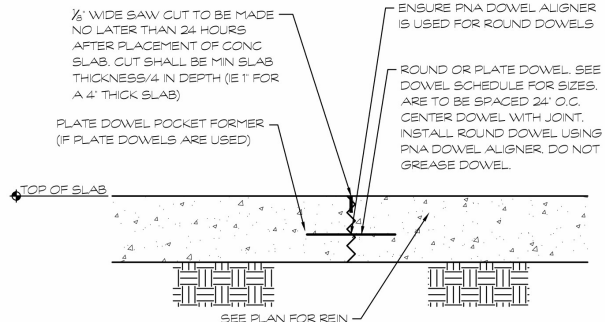


7 PLUMBING CHASE AT FOOTING
SCALE: 3/4" = 1'-0"



8 FOOTING STEP AT PANEL
SCALE: 3/4" = 1'-0"

SMOOTH DOWEL SCHEDULE			
SLAB DEPTH (N)	DIAMETER (N)	TOTAL LENGTH (N)	PLATE DOWELS (N)
5	5/8	10	1/4 x 4 1/2 x 4 1/2
6	3/4	10	1/4 x 4 1/2 x 4 1/2
7	7/8	13	3/8 x 4 1/2 x 4 1/2
8	1	13	3/8 x 4 1/2 x 4 1/2
9	1 1/8	15	3/4 x 4 1/2 x 4 1/2
10	1 1/4	15	3/4 x 4 1/2 x 4 1/2



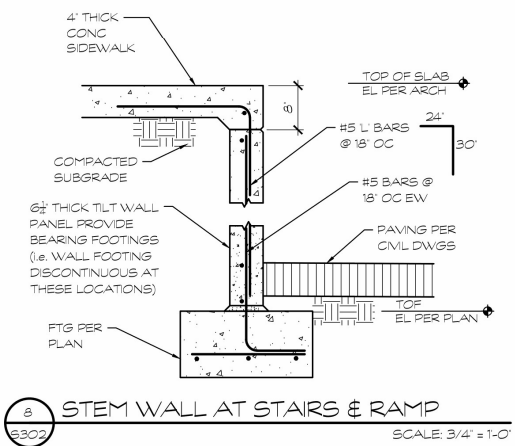
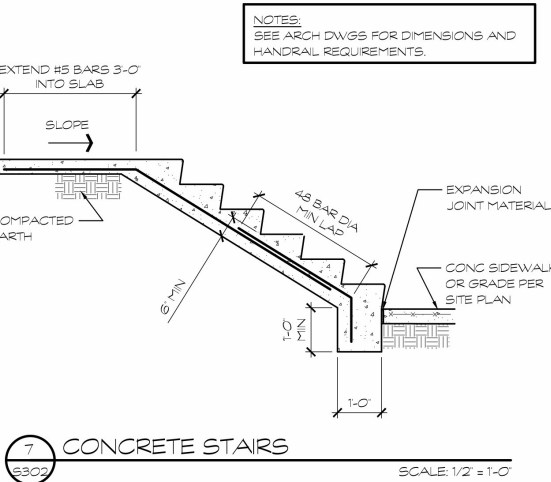
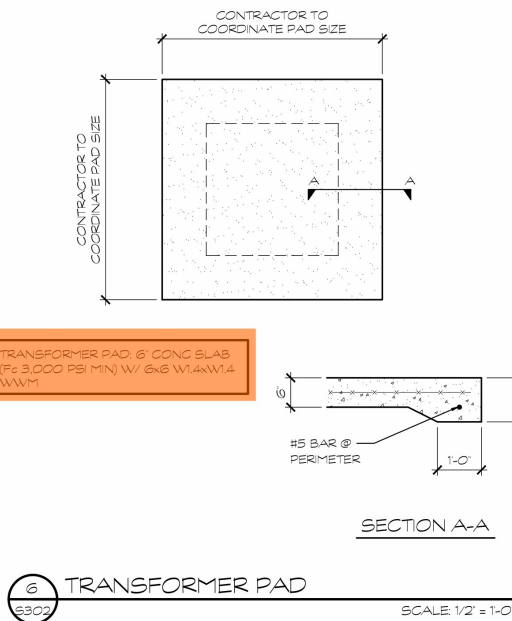
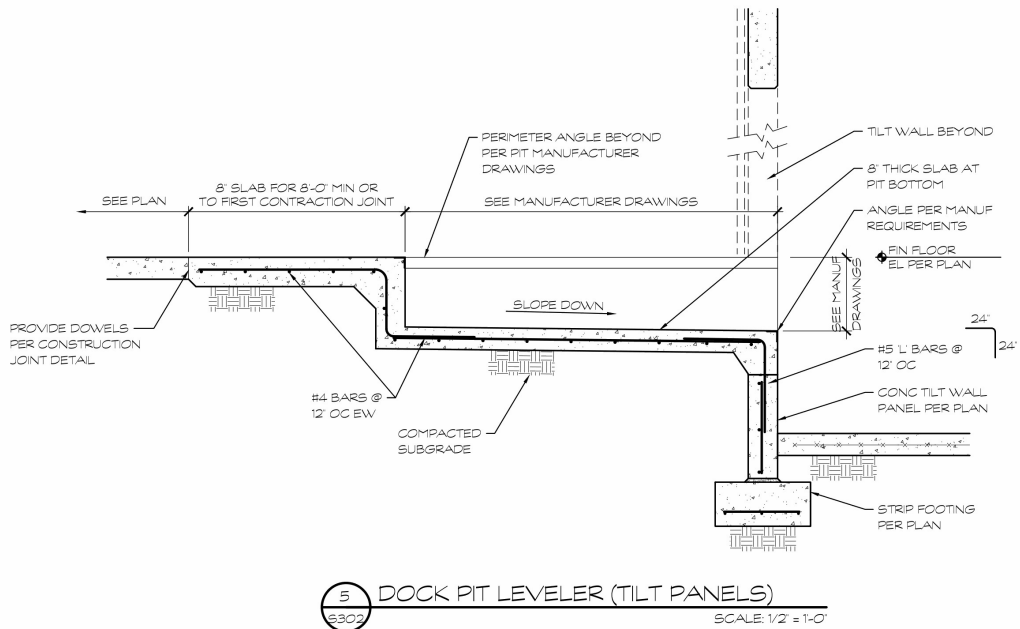
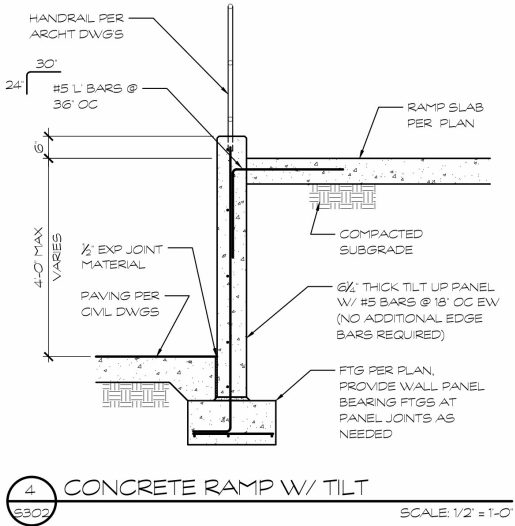
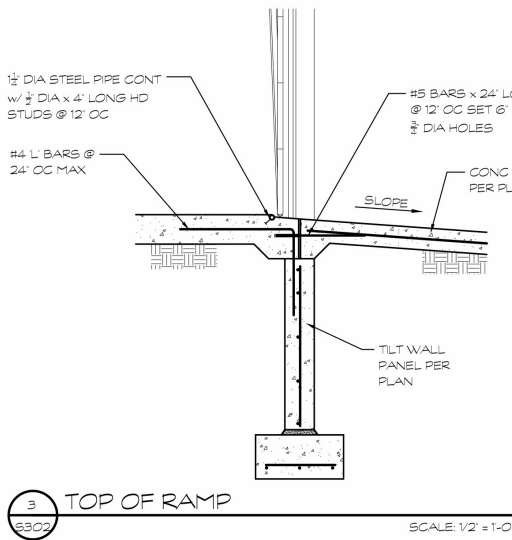
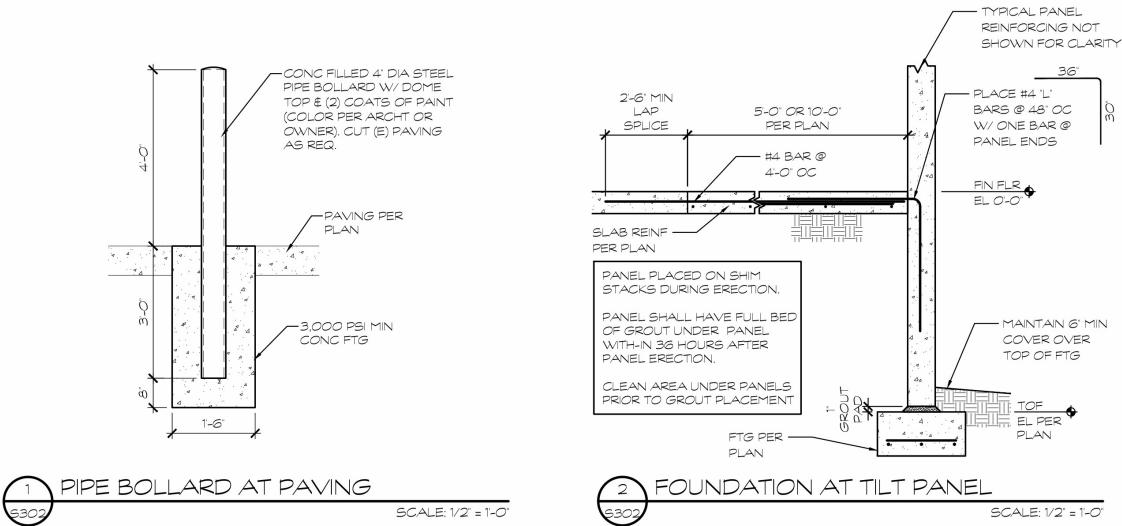
4 FREE CONTRACTION JOINT
OWNER OPTION
SCALE: 1 1/2" = 1'-0"

STONEMONT FT PIERCE BLDG. 1 ORANGE AVENUE FORT PIERCE, FLORIDA 34945

STRUCTURAL DETAILS	
DATE	07-13-2022
ISSUED FOR PERMIT	YES
RFI RESPONSE	NO

P/PM:	DMS
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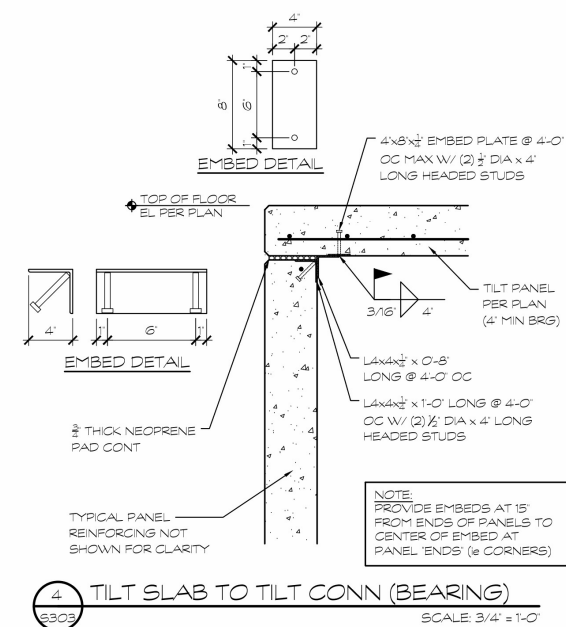
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FORT PIERCE, FLORIDA 34945

STRUCTURAL DETAILS			
DATE	REVISIONS	ISSUED FOR PERMIT	CLIENT COORDINATION
07-13-2022			
09-08-2022			
3			

PA/PM:	DMS
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SHEET
S100-302



SHEET

S100-303

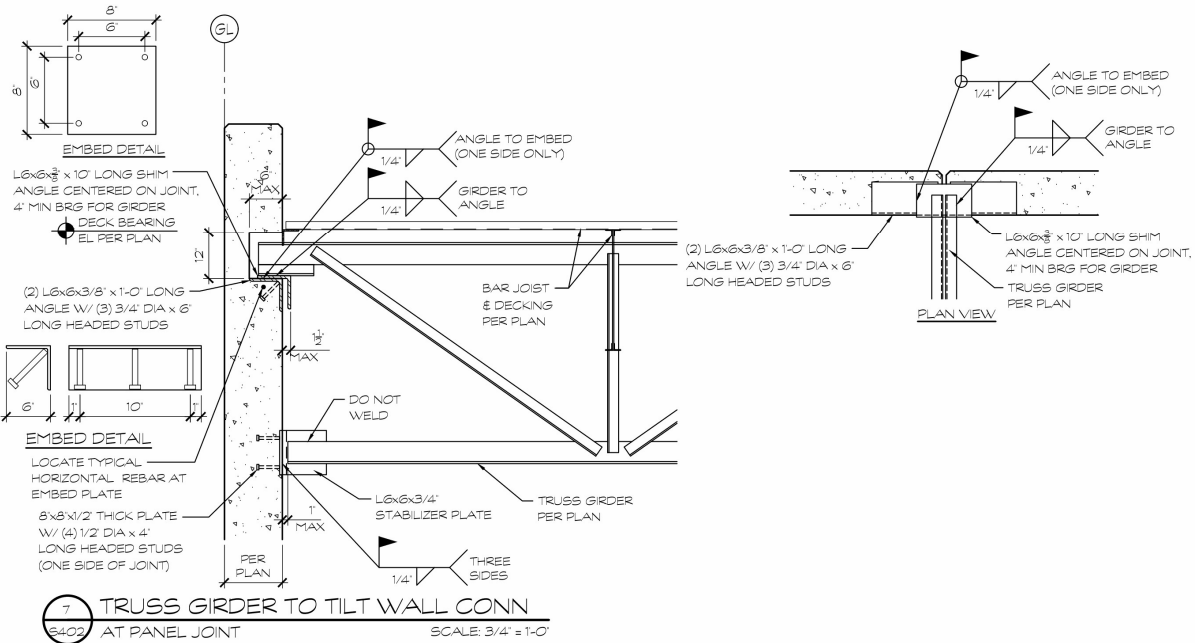
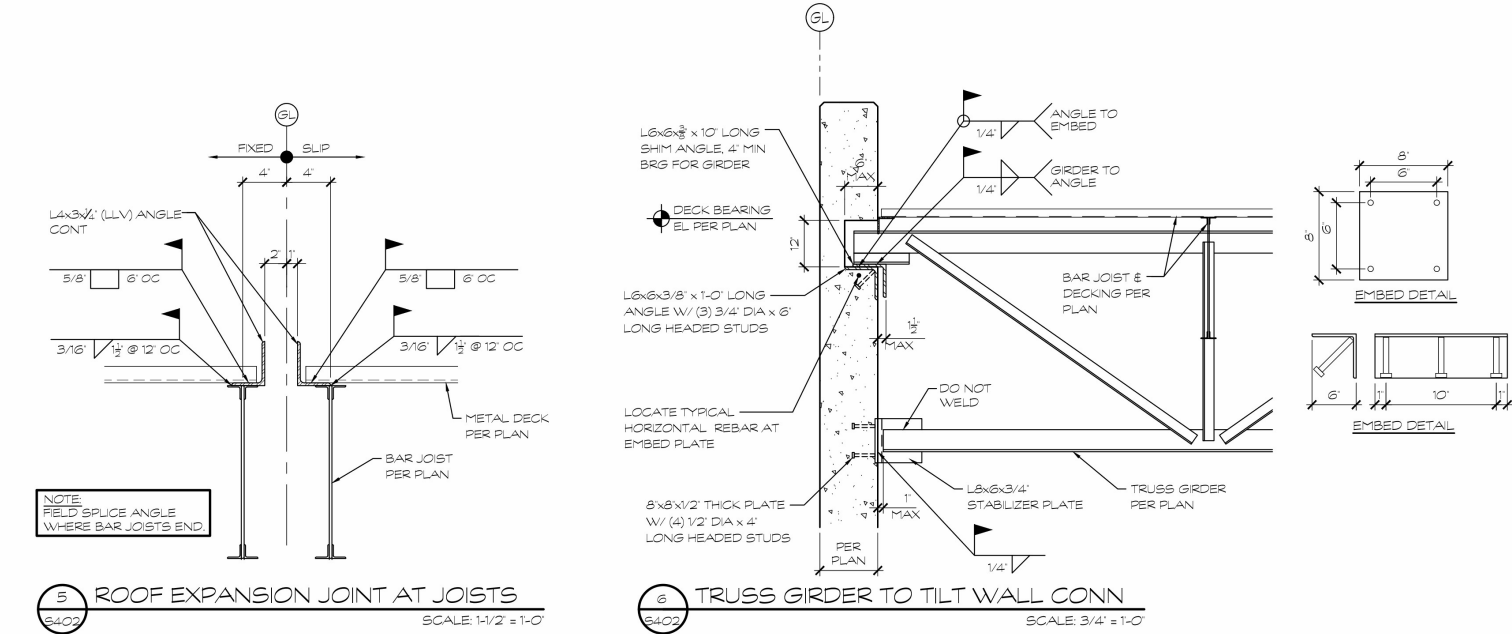
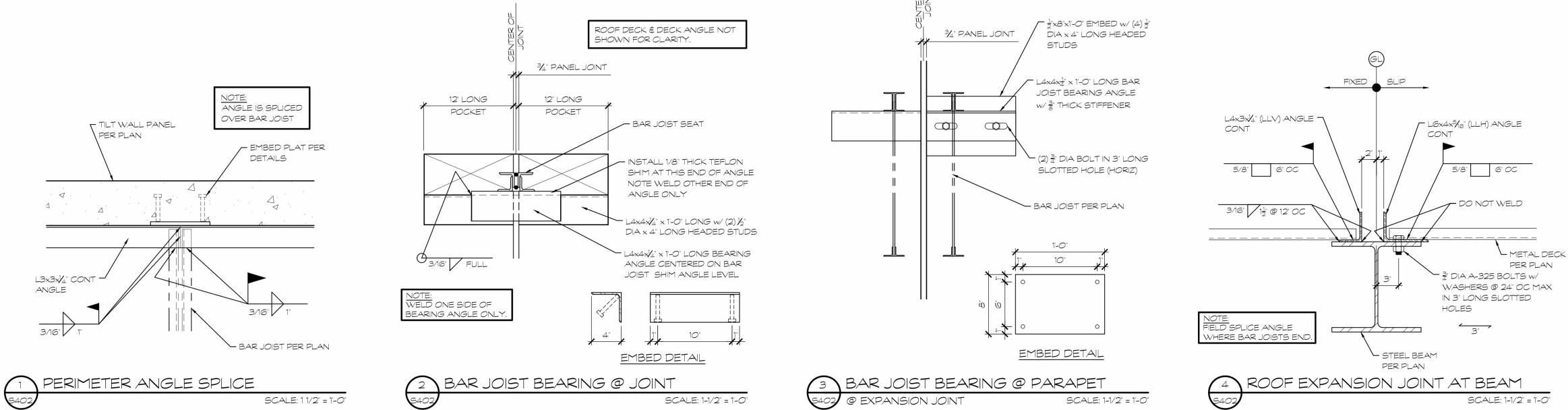
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BLDG. 1
ORANGE AVENUE
FORT PIERCE, FLORIDA 34945

STRUCTURAL DETAILS		
DATE	REVISIONS	ISSUED FOR PERMIT
07-13-2022		

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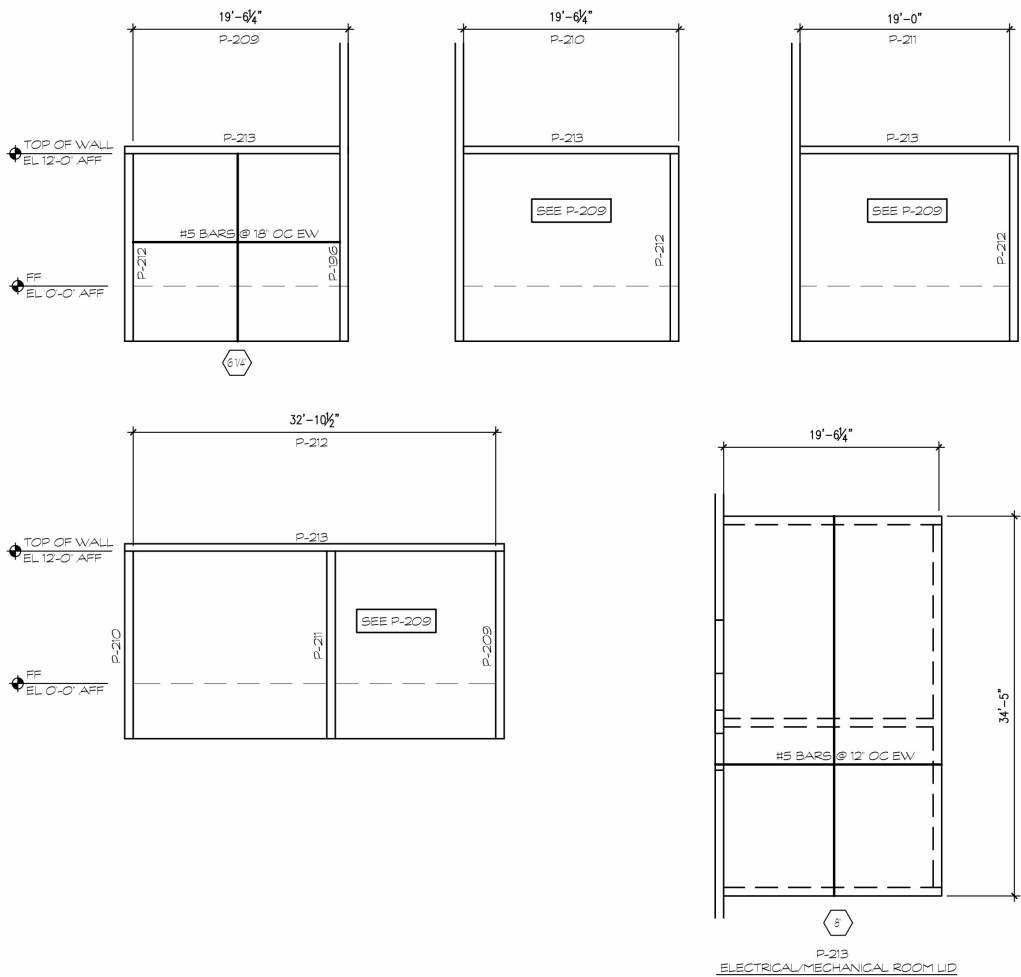


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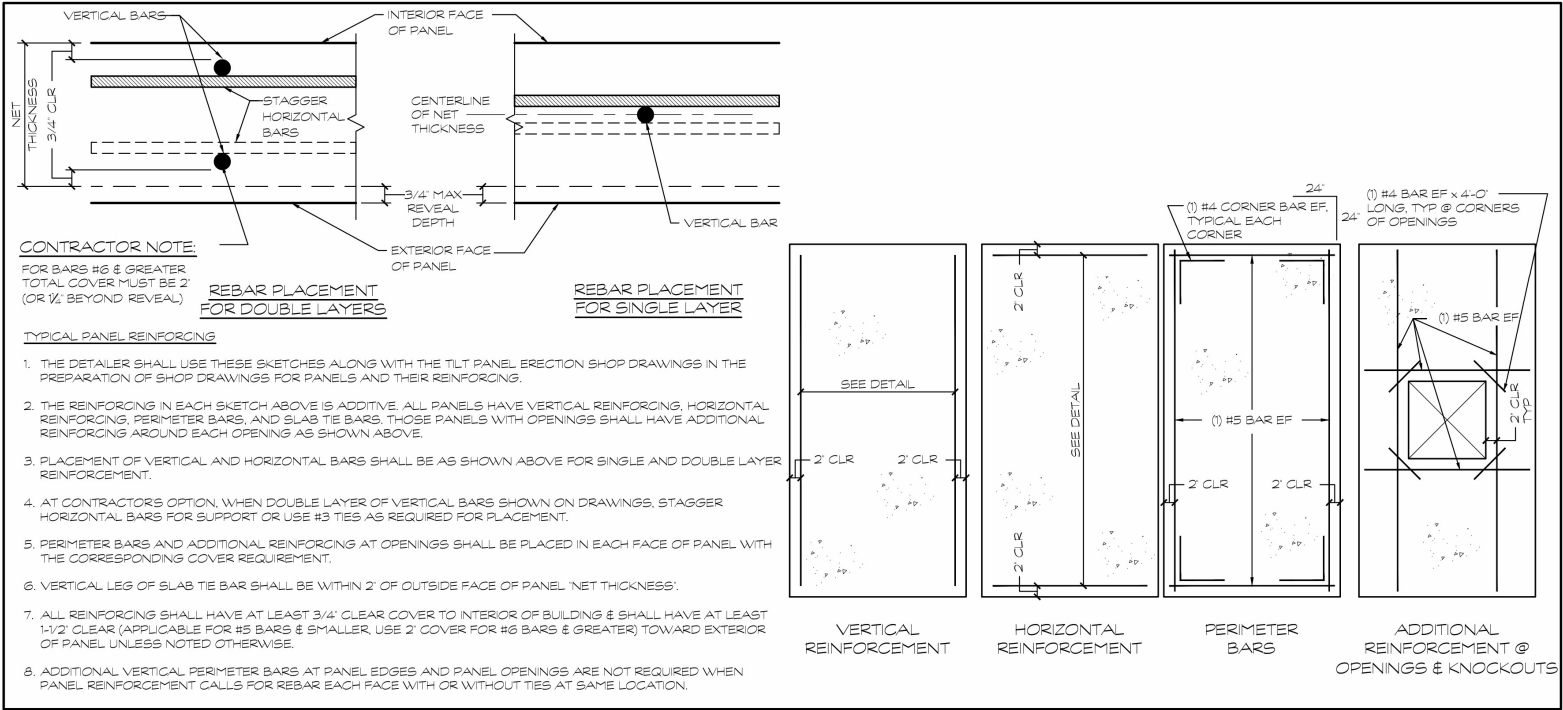
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GENERAL TILT WALL PANEL REINFORCING



STONEMONT FT PIERCE
BLDG. 1
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FORT PIERCE, FLORIDA 34945

GENERAL TILT PANEL REINFORCING	
DATE	07-13-2022
ISSUED FOR PERMIT	
REMARKS	

P.A/P.M:	DMS
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