



JOHN CANNON
ENGINEERING, LLC
Sarasota, FL 34236
Tel: 941.552.1111
Fax: 941.552.1112

SITE PLAN

A CUSTOM RESIDENCE FOR:
CORDOVA RESIDENCE
1021 Longboat Club Road - Longboat Key
Longboat Key, Florida

NO.	REVISION	DATE	BY	CHKD.
1	ISSUED FOR PERMIT	10/13/15	JM	MC
2	REVISED PER COMMENTS	10/13/15	JM	MC
3	REVISED PER COMMENTS	10/13/15	JM	MC
4	REVISED PER COMMENTS	10/13/15	JM	MC
5	REVISED PER COMMENTS	10/13/15	JM	MC
6	REVISED PER COMMENTS	10/13/15	JM	MC
7	REVISED PER COMMENTS	10/13/15	JM	MC
8	REVISED PER COMMENTS	10/13/15	JM	MC
9	REVISED PER COMMENTS	10/13/15	JM	MC
10	REVISED PER COMMENTS	10/13/15	JM	MC
11	REVISED PER COMMENTS	10/13/15	JM	MC
12	REVISED PER COMMENTS	10/13/15	JM	MC
13	REVISED PER COMMENTS	10/13/15	JM	MC
14	REVISED PER COMMENTS	10/13/15	JM	MC
15	REVISED PER COMMENTS	10/13/15	JM	MC
16	REVISED PER COMMENTS	10/13/15	JM	MC
17	REVISED PER COMMENTS	10/13/15	JM	MC
18	REVISED PER COMMENTS	10/13/15	JM	MC
19	REVISED PER COMMENTS	10/13/15	JM	MC
20	REVISED PER COMMENTS	10/13/15	JM	MC
21	REVISED PER COMMENTS	10/13/15	JM	MC
22	REVISED PER COMMENTS	10/13/15	JM	MC
23	REVISED PER COMMENTS	10/13/15	JM	MC
24	REVISED PER COMMENTS	10/13/15	JM	MC
25	REVISED PER COMMENTS	10/13/15	JM	MC
26	REVISED PER COMMENTS	10/13/15	JM	MC
27	REVISED PER COMMENTS	10/13/15	JM	MC
28	REVISED PER COMMENTS	10/13/15	JM	MC
29	REVISED PER COMMENTS	10/13/15	JM	MC
30	REVISED PER COMMENTS	10/13/15	JM	MC
31	REVISED PER COMMENTS	10/13/15	JM	MC
32	REVISED PER COMMENTS	10/13/15	JM	MC
33	REVISED PER COMMENTS	10/13/15	JM	MC
34	REVISED PER COMMENTS	10/13/15	JM	MC
35	REVISED PER COMMENTS	10/13/15	JM	MC
36	REVISED PER COMMENTS	10/13/15	JM	MC
37	REVISED PER COMMENTS	10/13/15	JM	MC
38	REVISED PER COMMENTS	10/13/15	JM	MC
39	REVISED PER COMMENTS	10/13/15	JM	MC
40	REVISED PER COMMENTS	10/13/15	JM	MC
41	REVISED PER COMMENTS	10/13/15	JM	MC
42	REVISED PER COMMENTS	10/13/15	JM	MC
43	REVISED PER COMMENTS	10/13/15	JM	MC
44	REVISED PER COMMENTS	10/13/15	JM	MC
45	REVISED PER COMMENTS	10/13/15	JM	MC
46	REVISED PER COMMENTS	10/13/15	JM	MC
47	REVISED PER COMMENTS	10/13/15	JM	MC
48	REVISED PER COMMENTS	10/13/15	JM	MC
49	REVISED PER COMMENTS	10/13/15	JM	MC
50	REVISED PER COMMENTS	10/13/15	JM	MC
51	REVISED PER COMMENTS	10/13/15	JM	MC
52	REVISED PER COMMENTS	10/13/15	JM	MC
53	REVISED PER COMMENTS	10/13/15	JM	MC
54	REVISED PER COMMENTS	10/13/15	JM	MC
55	REVISED PER COMMENTS	10/13/15	JM	MC
56	REVISED PER COMMENTS	10/13/15	JM	MC
57	REVISED PER COMMENTS	10/13/15	JM	MC
58	REVISED PER COMMENTS	10/13/15	JM	MC
59	REVISED PER COMMENTS	10/13/15	JM	MC
60	REVISED PER COMMENTS	10/13/15	JM	MC
61	REVISED PER COMMENTS	10/13/15	JM	MC
62	REVISED PER COMMENTS	10/13/15	JM	MC
63	REVISED PER COMMENTS	10/13/15	JM	MC
64	REVISED PER COMMENTS	10/13/15	JM	MC
65	REVISED PER COMMENTS	10/13/15	JM	MC
66	REVISED PER COMMENTS	10/13/15	JM	MC
67	REVISED PER COMMENTS	10/13/15	JM	MC
68	REVISED PER COMMENTS	10/13/15	JM	MC
69	REVISED PER COMMENTS	10/13/15	JM	MC
70	REVISED PER COMMENTS	10/13/15	JM	MC
71	REVISED PER COMMENTS	10/13/15	JM	MC
72	REVISED PER COMMENTS	10/13/15	JM	MC
73	REVISED PER COMMENTS	10/13/15	JM	MC
74	REVISED PER COMMENTS	10/13/15	JM	MC
75	REVISED PER COMMENTS	10/13/15	JM	MC
76	REVISED PER COMMENTS	10/13/15	JM	MC
77	REVISED PER COMMENTS	10/13/15	JM	MC
78	REVISED PER COMMENTS	10/13/15	JM	MC
79	REVISED PER COMMENTS	10/13/15	JM	MC
80	REVISED PER COMMENTS	10/13/15	JM	MC
81	REVISED PER COMMENTS	10/13/15	JM	MC
82	REVISED PER COMMENTS	10/13/15	JM	MC
83	REVISED PER COMMENTS	10/13/15	JM	MC
84	REVISED PER COMMENTS	10/13/15	JM	MC
85	REVISED PER COMMENTS	10/13/15	JM	MC
86	REVISED PER COMMENTS	10/13/15	JM	MC
87	REVISED PER COMMENTS	10/13/15	JM	MC
88	REVISED PER COMMENTS	10/13/15	JM	MC
89	REVISED PER COMMENTS	10/13/15	JM	MC
90	REVISED PER COMMENTS	10/13/15	JM	MC
91	REVISED PER COMMENTS	10/13/15	JM	MC
92	REVISED PER COMMENTS	10/13/15	JM	MC
93	REVISED PER COMMENTS	10/13/15	JM	MC
94	REVISED PER COMMENTS	10/13/15	JM	MC
95	REVISED PER COMMENTS	10/13/15	JM	MC
96	REVISED PER COMMENTS	10/13/15	JM	MC
97	REVISED PER COMMENTS	10/13/15	JM	MC
98	REVISED PER COMMENTS	10/13/15	JM	MC
99	REVISED PER COMMENTS	10/13/15	JM	MC
100	REVISED PER COMMENTS	10/13/15	JM	MC

A1.0

LOT COVERAGE

BOUNDARY & TOPOGRAPHIC SURVEY
PROPERTY LOCATION:
SARASOTA COUNTY INCORPORATED BY THE TOWN OF LONGBOAT KEY
DRAWING: CPO
DATE: 10/13/15

LOT USE	LOT COVERAGE CALCULATOR	PERCENTAGE
1. TOTAL NON-POOL AREA	4000.00 SQ FT	17.0%
2. BLENDED POOL DECK	1075.00 SQ FT	4.6%
3. TOTAL LOT COVERAGE (1 & 2)	5075.00 SQ FT	21.6%
4. TOTAL LOT COVERAGE	23364.00 SQ FT	100.0%

Legend

- (P) - Denotes Plot Information
- (F) - Denotes Field Information
- * - Denotes Light Pole
- ⊕ - Denotes Telephone Hand Hole
- ⊞ - Denotes Electric Transformer
- ⊞ - Denotes Water Gate Valve
- ⊞ - Denotes Palm Tree
- ⊞ - Denotes Seagrape Tree & Size
- ⊞ - Denotes Cuban Laurel Tree & Size
- + - Denotes Spot Elevation

Longboat Key Planning, Zoning & Building
Approved for Zoning
For Statement of
Zoning Compliance Only

Signature: [Signature]
Name: [Name]
Date: 10/13/15

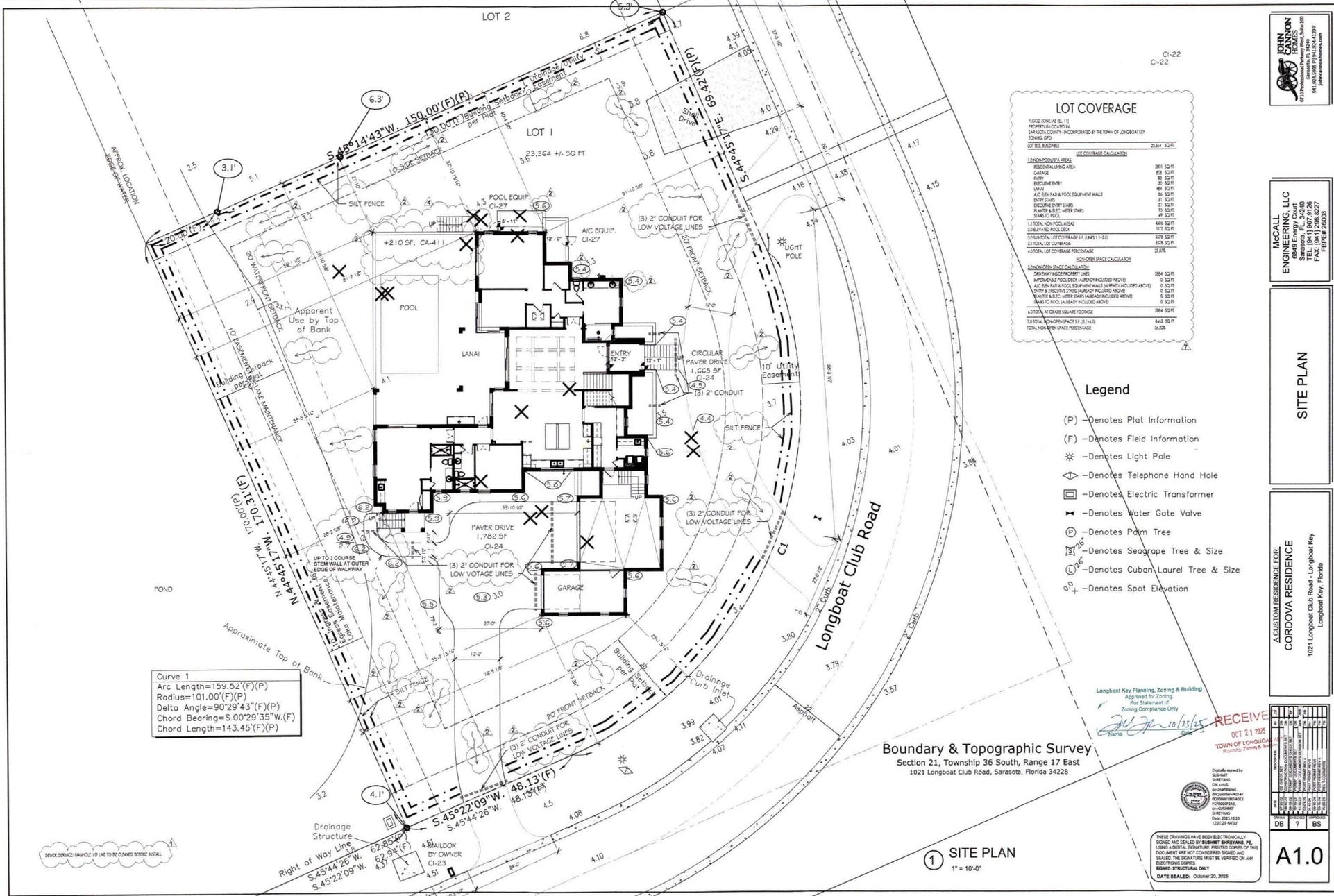
Boundary & Topographic Survey
Section 21, Township 36 South, Range 17 East
1021 Longboat Club Road, Sarasota, Florida 34228

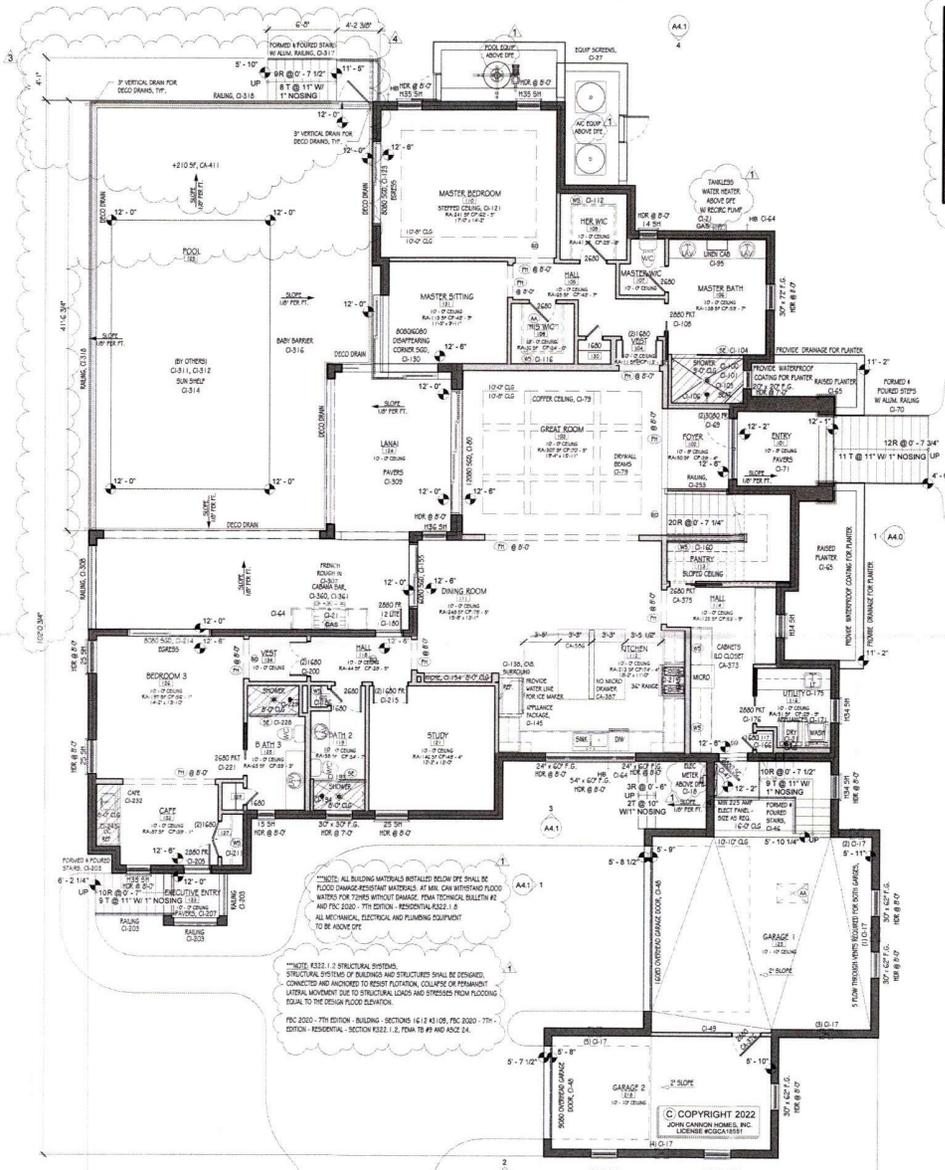
1 SITE PLAN
1" = 10'-0"

THESE DRAWINGS HAVE BEEN ELECTRONICALLY
SIGNED AND SEALED BY BURDET BRYANT, PE,
USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS
DOCUMENT ARE NOT CONSIDERED SIGNED AND
SEALED. THE SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.
BIBB ENGINEERING, LLC
DATE SEALED: October 20, 2015

Curve 1
Arc Length=159.52'(F)(P)
Radius=101.00'(F)(P)
Delta Angle=90°29'43"(F)(P)
Chord Bearing=S.00°29'35"W.(F)
Chord Length=143.45'(F)(P)

SEWER SERVICE: MANHOLE 10 LINE TO BE CLEANED BEFORE INSTALL.





FLOOD FLAP FLOW THRU VENT SCHEDULE				
GARAGE	SQUARE FOOTAGE	NO. OF VENTS PROVIDED	SIZE OF VENTS PROVIDED	DRAIN CAPACITY
GARAGE 1	537	3	8 X 16	660
GARAGE 2	271	2	8 X 16	440

FLOOD FLAP MODEL #: FFWF08T-W
EACH VENT IS CERTIFIED AS AN ENGINEERED OPENING TO COVER 220% OF ENCLOSED AREA BELOW FLOOD LEVEL

- LEGEND**
- ① 2" x 4" NO. 4 ATIC ACCESS
 - ② 2" x 4" NO. 4 ATIC ACCESS
 - ③ 2" x 4" NO. 4 ATIC ACCESS
 - ④ 2" x 4" NO. 4 ATIC ACCESS
 - ⑤ 2" x 4" NO. 4 ATIC ACCESS
 - ⑥ 2" x 4" NO. 4 ATIC ACCESS
 - ⑦ 2" x 4" NO. 4 ATIC ACCESS
 - ⑧ 2" x 4" NO. 4 ATIC ACCESS
 - ⑨ 2" x 4" NO. 4 ATIC ACCESS
 - ⑩ 2" x 4" NO. 4 ATIC ACCESS
 - ⑪ 2" x 4" NO. 4 ATIC ACCESS
 - ⑫ 2" x 4" NO. 4 ATIC ACCESS
 - ⑬ 2" x 4" NO. 4 ATIC ACCESS
 - ⑭ 2" x 4" NO. 4 ATIC ACCESS
 - ⑮ 2" x 4" NO. 4 ATIC ACCESS
 - ⑯ 2" x 4" NO. 4 ATIC ACCESS
 - ⑰ 2" x 4" NO. 4 ATIC ACCESS
 - ⑱ 2" x 4" NO. 4 ATIC ACCESS
 - ⑲ 2" x 4" NO. 4 ATIC ACCESS
 - ⑳ 2" x 4" NO. 4 ATIC ACCESS
 - ㉑ 2" x 4" NO. 4 ATIC ACCESS
 - ㉒ 2" x 4" NO. 4 ATIC ACCESS
 - ㉓ 2" x 4" NO. 4 ATIC ACCESS
 - ㉔ 2" x 4" NO. 4 ATIC ACCESS
 - ㉕ 2" x 4" NO. 4 ATIC ACCESS
 - ㉖ 2" x 4" NO. 4 ATIC ACCESS
 - ㉗ 2" x 4" NO. 4 ATIC ACCESS
 - ㉘ 2" x 4" NO. 4 ATIC ACCESS
 - ㉙ 2" x 4" NO. 4 ATIC ACCESS
 - ㉚ 2" x 4" NO. 4 ATIC ACCESS
 - ㉛ 2" x 4" NO. 4 ATIC ACCESS
 - ㉜ 2" x 4" NO. 4 ATIC ACCESS
 - ㉝ 2" x 4" NO. 4 ATIC ACCESS
 - ㉞ 2" x 4" NO. 4 ATIC ACCESS
 - ㉟ 2" x 4" NO. 4 ATIC ACCESS
 - ㊱ 2" x 4" NO. 4 ATIC ACCESS
 - ㊲ 2" x 4" NO. 4 ATIC ACCESS
 - ㊳ 2" x 4" NO. 4 ATIC ACCESS
 - ㊴ 2" x 4" NO. 4 ATIC ACCESS
 - ㊵ 2" x 4" NO. 4 ATIC ACCESS
 - ㊶ 2" x 4" NO. 4 ATIC ACCESS
 - ㊷ 2" x 4" NO. 4 ATIC ACCESS
 - ㊸ 2" x 4" NO. 4 ATIC ACCESS
 - ㊹ 2" x 4" NO. 4 ATIC ACCESS
 - ㊺ 2" x 4" NO. 4 ATIC ACCESS
 - ㊻ 2" x 4" NO. 4 ATIC ACCESS
 - ㊼ 2" x 4" NO. 4 ATIC ACCESS
 - ㊽ 2" x 4" NO. 4 ATIC ACCESS
 - ㊾ 2" x 4" NO. 4 ATIC ACCESS
 - ㊿ 2" x 4" NO. 4 ATIC ACCESS

BUILDING AREAS	
Area	Area
GROUND FLOOR LIVING	2801 SF
SECOND FLOOR LIVING	1267 SF
GARAGE 1	537 SF
ENTRY	83 SF
DECKING ENTRY	32 SF
GARAGE 2	271 SF
LAWN	404 SF
COVERED BALCONY	81 SF
UPPER LAWN	189 SF
TOTAL UNDER ROOF	5755 SF
POOL DECK	1075 SF

1 GROUND FLOOR PLAN
3/16" = 1'-0"

BLDG PERMIT PLANS
FILE
Copy of Record



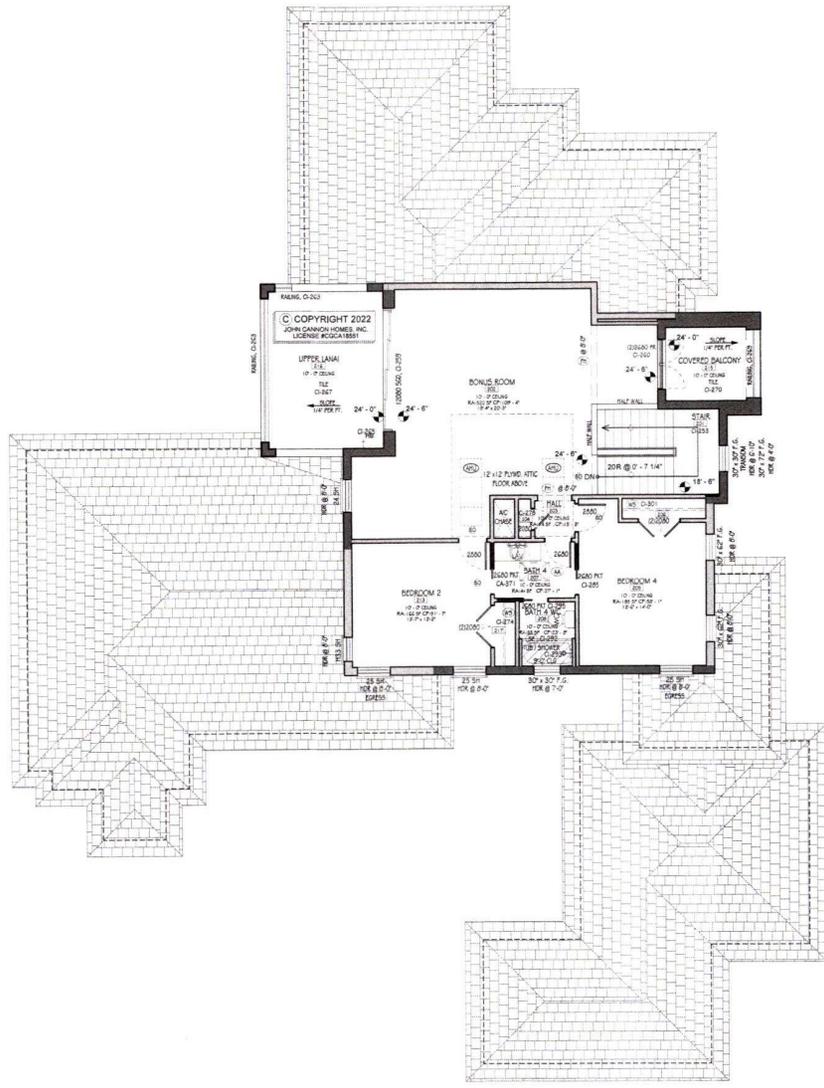
McCALL ENGINEERING, LLC
1021 Longboat Club Road - Longboat Key, Florida
TEL: (941) 907-8198
FAX: (941) 907-8177
FL BLDG # 26008

A CUSTOM RESIDENCE FOR:
CORDOVA RESIDENCE
1021 Longboat Club Road - Longboat Key, Florida

RECEIVED
JAN 11 2024
1021 LONGBOAT CLUB ROAD
LONGBOAT KEY, FL 34708

DATE	DESCRIPTION	BY	CHKD	APPV
01/11/2024	REVISION 1: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 2: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 3: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 4: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 5: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 6: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 7: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 8: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 9: CORRECT PERMIT	DB	BS	
01/11/2024	REVISION 10: CORRECT PERMIT	DB	BS	

A2.0



1 SECOND FLOOR PLAN
3/16" = 1'-0"



JOHN CANNON
ENGINEERING, LLC
3000 W. US Highway 90
Sarasota, FL 34240
TEL: (941) 907-9126
FAX: (941) 907-9127
www.johnncannon.com

SECOND FLOOR PLAN

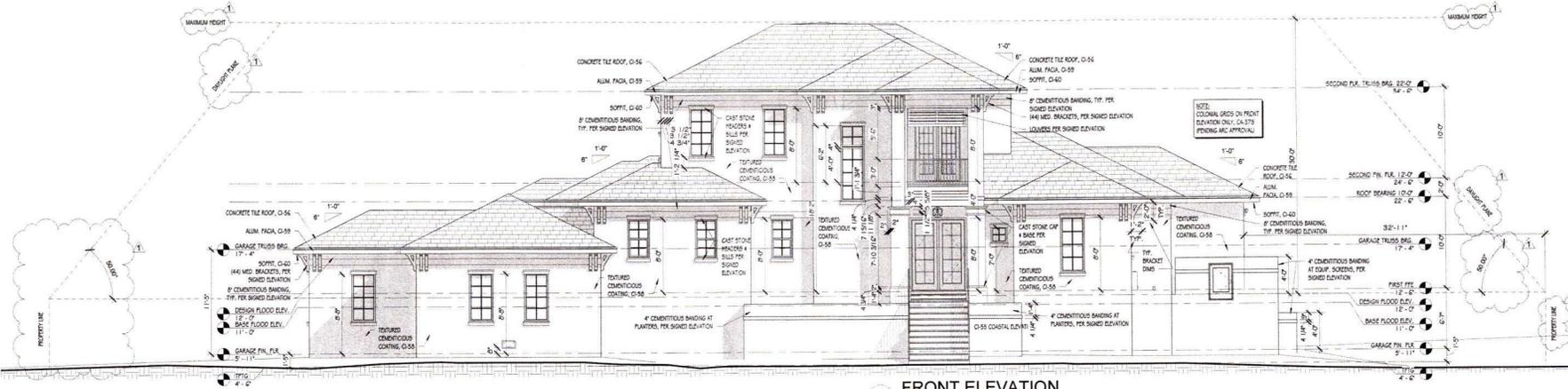
A CUSTOM RESIDENCE FOR:
CORDOVA RESIDENCE
1021 Longboat Club Road - Longboat Key
Longboat Key, Florida

NO.	DATE	DESCRIPTION
1	10/15/11	ISSUED FOR PERMITS
2	11/15/11	ISSUED FOR PERMITS
3	12/15/11	ISSUED FOR PERMITS
4	01/15/12	ISSUED FOR PERMITS
5	02/15/12	ISSUED FOR PERMITS
6	03/15/12	ISSUED FOR PERMITS
7	04/15/12	ISSUED FOR PERMITS
8	05/15/12	ISSUED FOR PERMITS
9	06/15/12	ISSUED FOR PERMITS
10	07/15/12	ISSUED FOR PERMITS
11	08/15/12	ISSUED FOR PERMITS
12	09/15/12	ISSUED FOR PERMITS
13	10/15/12	ISSUED FOR PERMITS
14	11/15/12	ISSUED FOR PERMITS
15	12/15/12	ISSUED FOR PERMITS
16	01/15/13	ISSUED FOR PERMITS
17	02/15/13	ISSUED FOR PERMITS
18	03/15/13	ISSUED FOR PERMITS
19	04/15/13	ISSUED FOR PERMITS
20	05/15/13	ISSUED FOR PERMITS
21	06/15/13	ISSUED FOR PERMITS
22	07/15/13	ISSUED FOR PERMITS
23	08/15/13	ISSUED FOR PERMITS
24	09/15/13	ISSUED FOR PERMITS
25	10/15/13	ISSUED FOR PERMITS
26	11/15/13	ISSUED FOR PERMITS
27	12/15/13	ISSUED FOR PERMITS
28	01/15/14	ISSUED FOR PERMITS
29	02/15/14	ISSUED FOR PERMITS
30	03/15/14	ISSUED FOR PERMITS
31	04/15/14	ISSUED FOR PERMITS
32	05/15/14	ISSUED FOR PERMITS
33	06/15/14	ISSUED FOR PERMITS
34	07/15/14	ISSUED FOR PERMITS
35	08/15/14	ISSUED FOR PERMITS
36	09/15/14	ISSUED FOR PERMITS
37	10/15/14	ISSUED FOR PERMITS
38	11/15/14	ISSUED FOR PERMITS
39	12/15/14	ISSUED FOR PERMITS
40	01/15/15	ISSUED FOR PERMITS
41	02/15/15	ISSUED FOR PERMITS
42	03/15/15	ISSUED FOR PERMITS
43	04/15/15	ISSUED FOR PERMITS
44	05/15/15	ISSUED FOR PERMITS
45	06/15/15	ISSUED FOR PERMITS
46	07/15/15	ISSUED FOR PERMITS
47	08/15/15	ISSUED FOR PERMITS
48	09/15/15	ISSUED FOR PERMITS
49	10/15/15	ISSUED FOR PERMITS
50	11/15/15	ISSUED FOR PERMITS
51	12/15/15	ISSUED FOR PERMITS
52	01/15/16	ISSUED FOR PERMITS
53	02/15/16	ISSUED FOR PERMITS
54	03/15/16	ISSUED FOR PERMITS
55	04/15/16	ISSUED FOR PERMITS
56	05/15/16	ISSUED FOR PERMITS
57	06/15/16	ISSUED FOR PERMITS
58	07/15/16	ISSUED FOR PERMITS
59	08/15/16	ISSUED FOR PERMITS
60	09/15/16	ISSUED FOR PERMITS
61	10/15/16	ISSUED FOR PERMITS
62	11/15/16	ISSUED FOR PERMITS
63	12/15/16	ISSUED FOR PERMITS
64	01/15/17	ISSUED FOR PERMITS
65	02/15/17	ISSUED FOR PERMITS
66	03/15/17	ISSUED FOR PERMITS
67	04/15/17	ISSUED FOR PERMITS
68	05/15/17	ISSUED FOR PERMITS
69	06/15/17	ISSUED FOR PERMITS
70	07/15/17	ISSUED FOR PERMITS
71	08/15/17	ISSUED FOR PERMITS
72	09/15/17	ISSUED FOR PERMITS
73	10/15/17	ISSUED FOR PERMITS
74	11/15/17	ISSUED FOR PERMITS
75	12/15/17	ISSUED FOR PERMITS
76	01/15/18	ISSUED FOR PERMITS
77	02/15/18	ISSUED FOR PERMITS
78	03/15/18	ISSUED FOR PERMITS
79	04/15/18	ISSUED FOR PERMITS
80	05/15/18	ISSUED FOR PERMITS
81	06/15/18	ISSUED FOR PERMITS
82	07/15/18	ISSUED FOR PERMITS
83	08/15/18	ISSUED FOR PERMITS
84	09/15/18	ISSUED FOR PERMITS
85	10/15/18	ISSUED FOR PERMITS
86	11/15/18	ISSUED FOR PERMITS
87	12/15/18	ISSUED FOR PERMITS
88	01/15/19	ISSUED FOR PERMITS
89	02/15/19	ISSUED FOR PERMITS
90	03/15/19	ISSUED FOR PERMITS
91	04/15/19	ISSUED FOR PERMITS
92	05/15/19	ISSUED FOR PERMITS
93	06/15/19	ISSUED FOR PERMITS
94	07/15/19	ISSUED FOR PERMITS
95	08/15/19	ISSUED FOR PERMITS
96	09/15/19	ISSUED FOR PERMITS
97	10/15/19	ISSUED FOR PERMITS
98	11/15/19	ISSUED FOR PERMITS
99	12/15/19	ISSUED FOR PERMITS
100	01/15/20	ISSUED FOR PERMITS
101	02/15/20	ISSUED FOR PERMITS
102	03/15/20	ISSUED FOR PERMITS
103	04/15/20	ISSUED FOR PERMITS
104	05/15/20	ISSUED FOR PERMITS
105	06/15/20	ISSUED FOR PERMITS
106	07/15/20	ISSUED FOR PERMITS
107	08/15/20	ISSUED FOR PERMITS
108	09/15/20	ISSUED FOR PERMITS
109	10/15/20	ISSUED FOR PERMITS
110	11/15/20	ISSUED FOR PERMITS
111	12/15/20	ISSUED FOR PERMITS
112	01/15/21	ISSUED FOR PERMITS
113	02/15/21	ISSUED FOR PERMITS
114	03/15/21	ISSUED FOR PERMITS
115	04/15/21	ISSUED FOR PERMITS
116	05/15/21	ISSUED FOR PERMITS
117	06/15/21	ISSUED FOR PERMITS
118	07/15/21	ISSUED FOR PERMITS
119	08/15/21	ISSUED FOR PERMITS
120	09/15/21	ISSUED FOR PERMITS
121	10/15/21	ISSUED FOR PERMITS
122	11/15/21	ISSUED FOR PERMITS
123	12/15/21	ISSUED FOR PERMITS
124	01/15/22	ISSUED FOR PERMITS
125	02/15/22	ISSUED FOR PERMITS
126	03/15/22	ISSUED FOR PERMITS
127	04/15/22	ISSUED FOR PERMITS
128	05/15/22	ISSUED FOR PERMITS
129	06/15/22	ISSUED FOR PERMITS
130	07/15/22	ISSUED FOR PERMITS
131	08/15/22	ISSUED FOR PERMITS
132	09/15/22	ISSUED FOR PERMITS
133	10/15/22	ISSUED FOR PERMITS
134	11/15/22	ISSUED FOR PERMITS
135	12/15/22	ISSUED FOR PERMITS
136	01/15/23	ISSUED FOR PERMITS
137	02/15/23	ISSUED FOR PERMITS
138	03/15/23	ISSUED FOR PERMITS
139	04/15/23	ISSUED FOR PERMITS
140	05/15/23	ISSUED FOR PERMITS
141	06/15/23	ISSUED FOR PERMITS
142	07/15/23	ISSUED FOR PERMITS
143	08/15/23	ISSUED FOR PERMITS
144	09/15/23	ISSUED FOR PERMITS
145	10/15/23	ISSUED FOR PERMITS
146	11/15/23	ISSUED FOR PERMITS
147	12/15/23	ISSUED FOR PERMITS
148	01/15/24	ISSUED FOR PERMITS
149	02/15/24	ISSUED FOR PERMITS
150	03/15/24	ISSUED FOR PERMITS
151	04/15/24	ISSUED FOR PERMITS
152	05/15/24	ISSUED FOR PERMITS
153	06/15/24	ISSUED FOR PERMITS
154	07/15/24	ISSUED FOR PERMITS
155	08/15/24	ISSUED FOR PERMITS
156	09/15/24	ISSUED FOR PERMITS
157	10/15/24	ISSUED FOR PERMITS
158	11/15/24	ISSUED FOR PERMITS
159	12/15/24	ISSUED FOR PERMITS
160	01/15/25	ISSUED FOR PERMITS
161	02/15/25	ISSUED FOR PERMITS
162	03/15/25	ISSUED FOR PERMITS
163	04/15/25	ISSUED FOR PERMITS
164	05/15/25	ISSUED FOR PERMITS
165	06/15/25	ISSUED FOR PERMITS
166	07/15/25	ISSUED FOR PERMITS
167	08/15/25	ISSUED FOR PERMITS
168	09/15/25	ISSUED FOR PERMITS
169	10/15/25	ISSUED FOR PERMITS
170	11/15/25	ISSUED FOR PERMITS
171	12/15/25	ISSUED FOR PERMITS
172	01/15/26	ISSUED FOR PERMITS
173	02/15/26	ISSUED FOR PERMITS
174	03/15/26	ISSUED FOR PERMITS
175	04/15/26	ISSUED FOR PERMITS
176	05/15/26	ISSUED FOR PERMITS
177	06/15/26	ISSUED FOR PERMITS
178	07/15/26	ISSUED FOR PERMITS
179	08/15/26	ISSUED FOR PERMITS
180	09/15/26	ISSUED FOR PERMITS
181	10/15/26	ISSUED FOR PERMITS
182	11/15/26	ISSUED FOR PERMITS
183	12/15/26	ISSUED FOR PERMITS
184	01/15/27	ISSUED FOR PERMITS
185	02/15/27	ISSUED FOR PERMITS
186	03/15/27	ISSUED FOR PERMITS
187	04/15/27	ISSUED FOR PERMITS
188	05/15/27	ISSUED FOR PERMITS
189	06/15/27	ISSUED FOR PERMITS
190	07/15/27	ISSUED FOR PERMITS
191	08/15/27	ISSUED FOR PERMITS
192	09/15/27	ISSUED FOR PERMITS
193	10/15/27	ISSUED FOR PERMITS
194	11/15/27	ISSUED FOR PERMITS
195	12/15/27	ISSUED FOR PERMITS
196	01/15/28	ISSUED FOR PERMITS
197	02/15/28	ISSUED FOR PERMITS
198	03/15/28	ISSUED FOR PERMITS
199	04/15/28	ISSUED FOR PERMITS
200	05/15/28	ISSUED FOR PERMITS
201	06/15/28	ISSUED FOR PERMITS
202	07/15/28	ISSUED FOR PERMITS
203	08/15/28	ISSUED FOR PERMITS
204	09/15/28	ISSUED FOR PERMITS
205	10/15/28	ISSUED FOR PERMITS
206	11/15/28	ISSUED FOR PERMITS
207	12/15/28	ISSUED FOR PERMITS
208	01/15/29	ISSUED FOR PERMITS
209	02/15/29	ISSUED FOR PERMITS
210	03/15/29	ISSUED FOR PERMITS
211	04/15/29	ISSUED FOR PERMITS
212	05/15/29	ISSUED FOR PERMITS
213	06/15/29	ISSUED FOR PERMITS
214	07/15/29	ISSUED FOR PERMITS
215	08/15/29	ISSUED FOR PERMITS
216	09/15/29	ISSUED FOR PERMITS
217	10/15/29	ISSUED FOR PERMITS
218	11/15/29	ISSUED FOR PERMITS
219	12/15/29	ISSUED FOR PERMITS
220	01/15/30	ISSUED FOR PERMITS
221	02/15/30	ISSUED FOR PERMITS
222	03/15/30	ISSUED FOR PERMITS
223	04/15/30	ISSUED FOR PERMITS
224	05/15/30	ISSUED FOR PERMITS
225	06/15/30	ISSUED FOR PERMITS
226	07/15/30	ISSUED FOR PERMITS
227	08/15/30	ISSUED FOR PERMITS
228	09/15/30	ISSUED FOR PERMITS
229	10/15/30	ISSUED FOR PERMITS
230	11/15/30	ISSUED FOR PERMITS
231	12/15/30	ISSUED FOR PERMITS
232	01/15/31	ISSUED FOR PERMITS
233	02/15/31	ISSUED FOR PERMITS
234	03/15/31	ISSUED FOR PERMITS
235	04/15/31	ISSUED FOR PERMITS
236	05/15/31	ISSUED FOR PERMITS
237	06/15/31	ISSUED FOR PERMITS
238	07/15/31	ISSUED FOR PERMITS
239	08/15/31	ISSUED FOR PERMITS
240	09/15/31	ISSUED FOR PERMITS
241	10/15/31	ISSUED FOR PERMITS
242	11/15/31	ISSUED FOR PERMITS
243	12/15/31	ISSUED FOR PERMITS
244	01/15/32	ISSUED FOR PERMITS
245	02/15/32	ISSUED FOR PERMITS
246	03/15/32	ISSUED FOR PERMITS
247	04/15/32	ISSUED FOR PERMITS
248	05/15/32	ISSUED FOR PERMITS
249	06/15/32	ISSUED FOR PERMITS
250	07/15/32	ISSUED FOR PERMITS
251	08/15/32	ISSUED FOR PERMITS
252	09/15/32	ISSUED FOR PERMITS
253	10/15/32	ISSUED FOR PERMITS
254	11/15/32	ISSUED FOR PERMITS
255	12/15/32	ISSUED FOR PERMITS
256	01/15/33	ISSUED FOR PERMITS
257	02/15/33	ISSUED FOR PERMITS
258	03/15/33	ISSUED FOR PERMITS
259	04/15/33	ISSUED FOR PERMITS
260	05/15/33	ISSUED FOR PERMITS
261	06/15/33	ISSUED FOR PERMITS
262	07/15/33	ISSUED FOR PERMITS
263	08/15/33	ISSUED FOR PERMITS
264	09/15/33	ISSUED FOR PERMITS
265	10/15/33	ISSUED FOR PERMITS
266	11/15/33	ISSUED FOR PERMITS
267	12/15/33	ISSUED FOR PERMITS
268	01/15/34	ISSUED FOR PERMITS
269	02/15/34	ISSUED FOR PERMITS
270	03/15/34	ISSUED FOR PERMITS
271	04/15/34	ISSUED FOR PERMITS
272	05/15/34	ISSUED FOR PERMITS
273	06/15/34	ISSUED FOR PERMITS
274	07/15/34	ISSUED FOR PERMITS
275	08/15/34	ISSUED FOR PERMITS
276	09/15/34	ISSUED FOR PERMITS
277	10/15/34	ISSUED FOR PERMITS
278	11/15/34	ISSUED FOR PERMITS

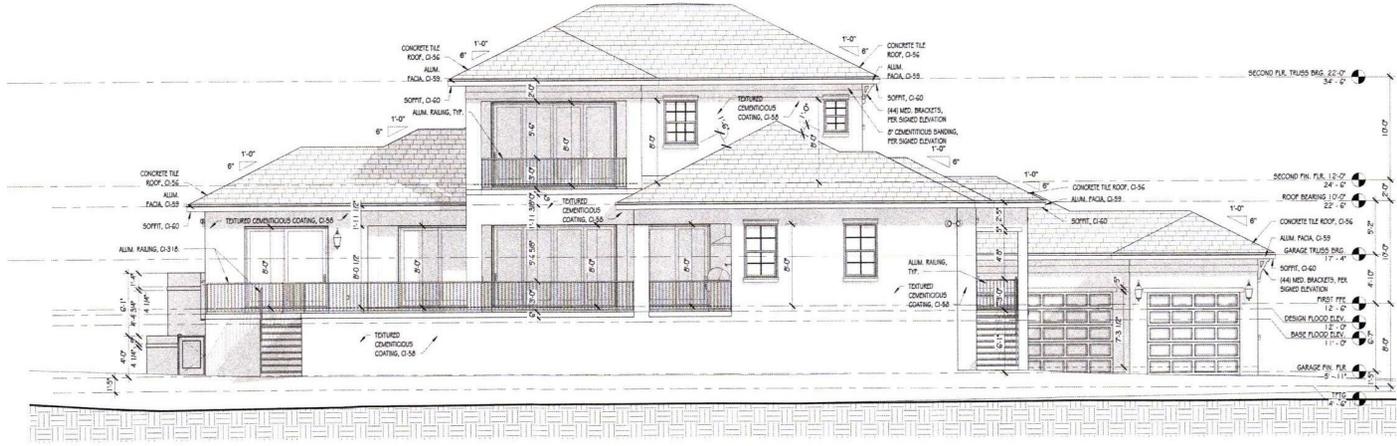
NO.	DATE	DESCRIPTION
1	11/11/11	CONCEPT DESIGN
2	11/11/11	SCHEMATIC DESIGN
3	11/11/11	PRELIMINARY DESIGN
4	11/11/11	FINAL DESIGN
5	11/11/11	CONSTRUCTION DOCUMENTS
6	11/11/11	AS-BUILT DOCUMENTS

RECEIVED
 NOV 27 2012
 PROJECT: CORDOVA RESIDENCE
 DRAWING: ELEVATIONS

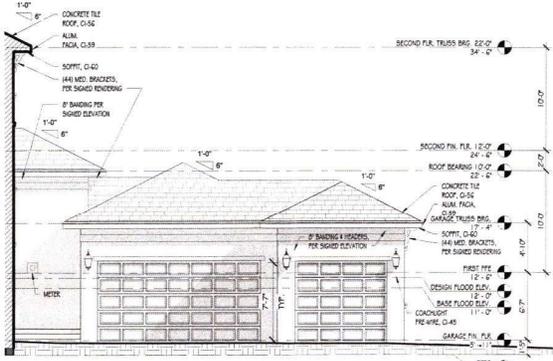
A4.0



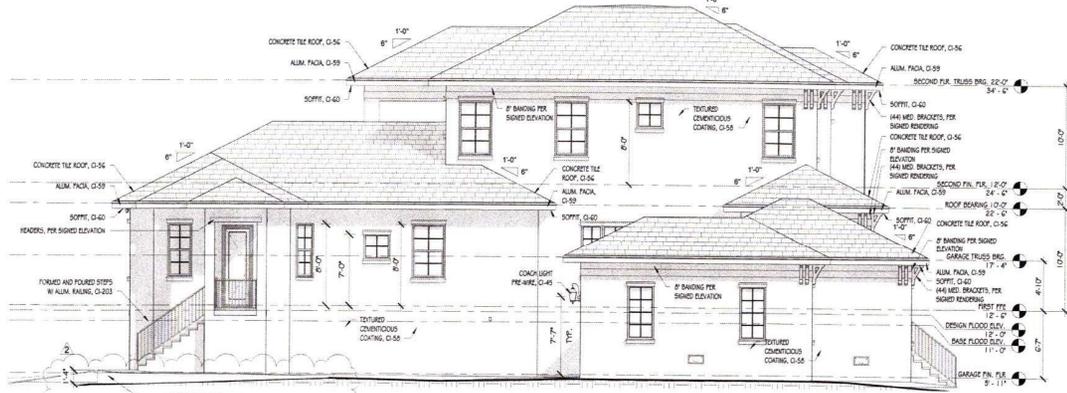
1 FRONT ELEVATION
 3/16" = 1'-0"



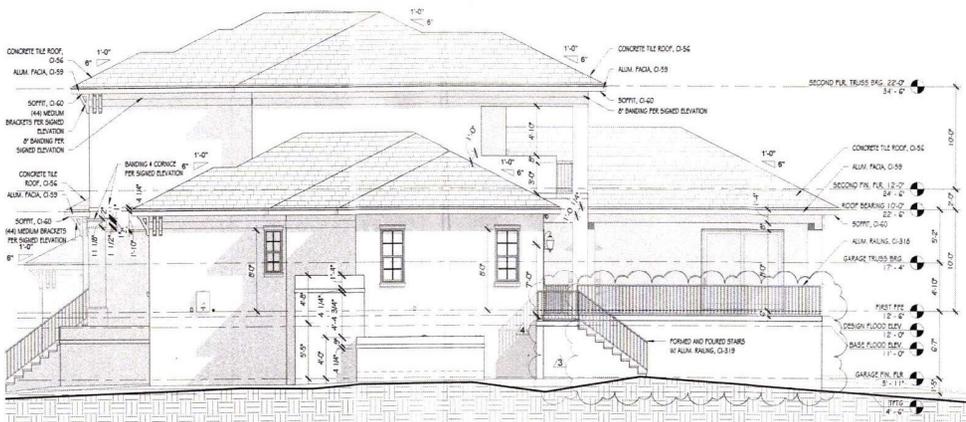
2 REAR ELEVATION
 3/16" = 1'-0"



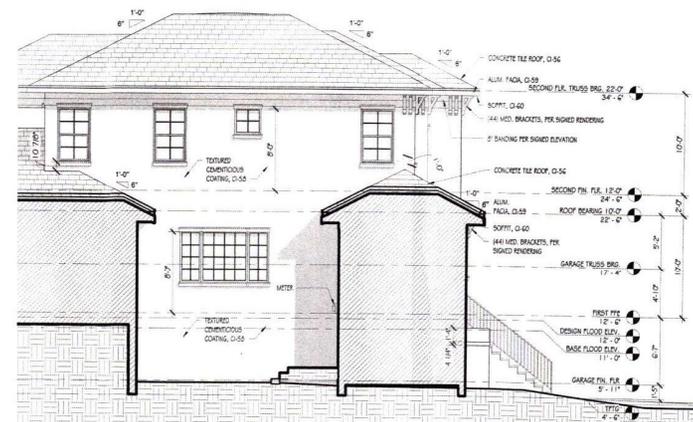
1 REAR GARAGE ELEVATION
3/16" = 1'-0"



2 LEFT ELEVATION
3/16" = 1'-0"



4 RIGHT ELEVATION
3/16" = 1'-0"



3 LEFT PARTIAL ELEVATION
3/16" = 1'-0"



McCALL ENGINEERING, LLC
8640 Energy Court
Sarasota, FL 34240
Phone: (941) 553-8377
Fax: (941) 206-9277
FBPE# 20009

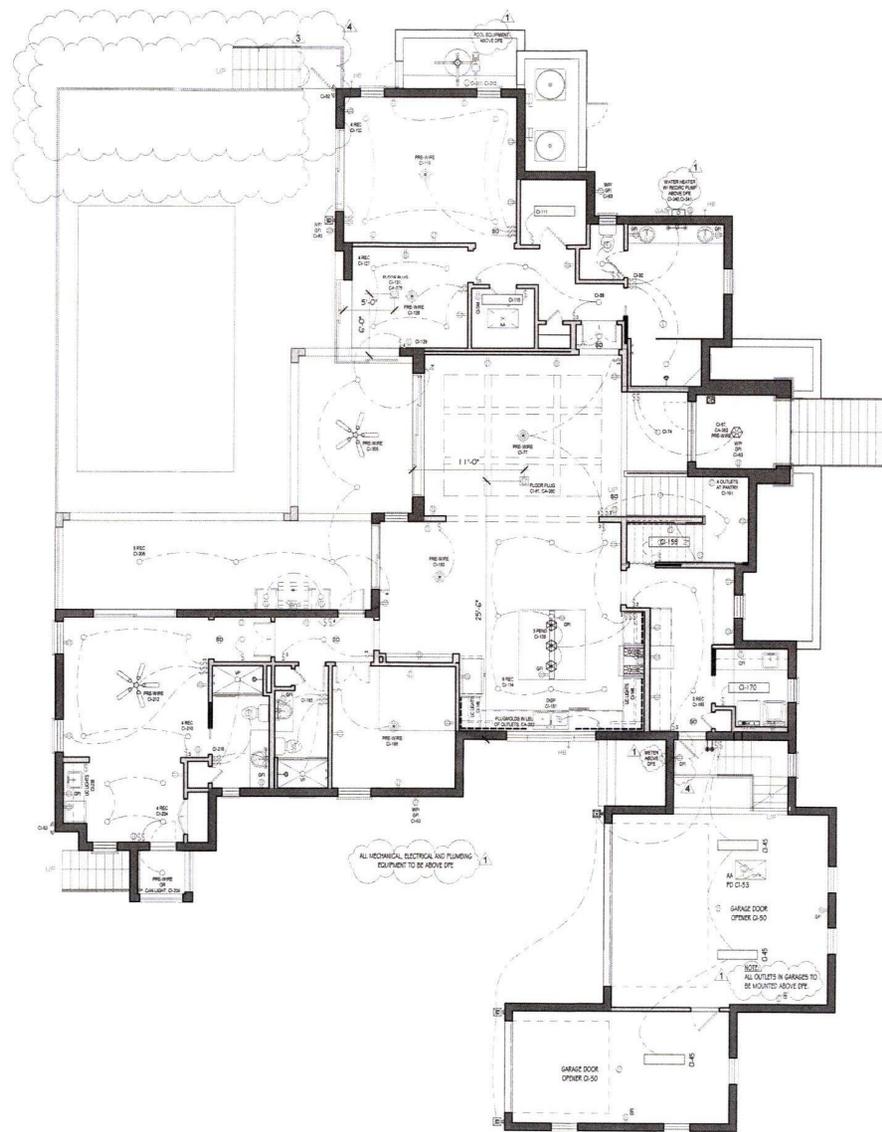
ELEVATIONS

CUSTOM RESIDENCE FOR:
CORDOVA RESIDENCE
1021 Longboat Club Road - Longboat Key
Longboat Key, Florida

DATE	DESCRIPTION
02/05/2021	ISSUED FOR PERMIT
02/05/2021	REVISION 1: PERMIT PLAN
02/05/2021	REVISION 2: PERMIT PLAN
02/05/2021	REVISION 3: PERMIT PLAN
02/05/2021	REVISION 4: PERMIT PLAN
02/05/2021	REVISION 5: PERMIT PLAN
02/05/2021	REVISION 6: PERMIT PLAN
02/05/2021	REVISION 7: PERMIT PLAN
02/05/2021	REVISION 8: PERMIT PLAN
02/05/2021	REVISION 9: PERMIT PLAN
02/05/2021	REVISION 10: PERMIT PLAN

RECEIVED
FEB 05 2021
TOWN OF LONGBOAT KEY
Planning & Zoning
BLDG PERMIT PLANS
FILE COPY OF RECORD

A4.1



- ### ELECTRICAL NOTES
1. STRUCTURED WIRING SYSTEM (S) ACTIVE DUAL PORT JACKS IS FIVE (5) DIA WITH STRUCTURED WIRE ENCLOSURE AND 1 I/O OUTLET
 2. DIMMER SWITCHES TO BE INSTALLED @ 4" P.A.F.F. TO BOTTOM AND RECEPTANCES @ 12" A.C.F. TO BOTTOM
 3. HOME SECURITY SYSTEM WITH (2) KEYPAD DOOR CONTACTS ALL OPERABLE DOORS AND ALL OPERABLE WINDOWS WITH MOTION SENSOR
 4. ALL OUTLETS NOT REQUIRED TO BE GFCI OUTLETS MUST BE ARC-FAULT WITH TAMPER PROOF SWITCHES
 5. PLAN CONFORM WITH 2011 NEC ELECTRICAL CODE
 6. PROVIDE A SWITCH FOR POOL LIGHT, IF UPSHADE CONTROL SYSTEM IS PROVIDED NO SWITCH REQUIRED. HOME AUTOMATION SYSTEM AND SOUND
 7. FOR LOW VOLTAGE AND SUPPLYING ELECTRICAL INFORMATION, PLEASE SEE LOW VOLTAGE DRAWINGS PROVIDED BY OTHERS

- ### ELECTRICAL LEGEND
- CEILING DUPLEX RECEPTACLE OUTLET
 - DUPLEX RECEPTACLE OUTLET
 - FLOOR DUPLEX RECEPTACLE OUTLET
 - 1/2 SWITCH OUTLET
 - 1/2 SWITCH OUTLET WITH TAMPER PROOF COVER
 - GROUND FAULT INDICATOR
 - 220V RECEPTACLE OUTLET
 - SPECIAL CONNECTION
 - TELEPHONE
 - CABLE TELEVISION
 - PUSH BUTTON FOR GARAGE DOOR OPENER
 - DOOR BELL
 - SINGLE POLE SWITCH
 - THREE WAY SWITCH
 - FOUR WAY SWITCH
 - SINGLE POLE SWITCH WITH DIMMER
 - SINGLE POLE SWITCH WITH DIMMER
 - AIR SWITCH
 - EXHAUST FAN
 - EXHAUST FAN LIGHT
 - SMOKE / CARBON MONOXIDE DETECTOR
 - PRE-WIRE PENDANT
 - SURFACE MOUNTED LIGHT FIXTURE
 - WALL MOUNTED LIGHT FIXTURE
 - RECESSED CEILING LIGHT FIXTURE
 - PREWIRE CHANDELIER
 - RECESSED LED LIGHT FIXTURE
 - RECESSED LED LIGHT FIXTURE - WET LOCATION RATED
 - 1 x 2 - LED FIXTURE w/ W/W/ AROUND LENS 2-40W LAMPS
 - 1 x 4 - LED FIXTURE w/ W/W/ AROUND LENS 2-40W LAMPS
 - PRE-WIRE FOR CEILING FAN
 - VANITY WALL PREWIRE
 - CEILING MOUNTED SPEAKER
 - WALL MOUNTED SPEAKERS
 - FLOOD LIGHT
 - DISCONNECT
 - GARBAGE DISPOSAL
 - AIR HANDLER UNIT
 - DRYER VENT TO EXTERIOR CHIMNEY AND NON-SCREEDED
 - THERMOSTAT CONTROL
 - HOOD VENT TO BE INSTALLED PER MFG SPECS.
 - LED LIGHT STRIP
 - PLUGLOAD
 - S.C. LIGHTING

1 GROUND FLOOR ELECTRICAL PLAN
3/16" = 1'-0"



JOHN HANCOCK ENGINEERING LLC
8849 Emory Court
Sarasota, FL 34240
FAX: (941) 266-8277
FBI# 06008

GROUND FLOOR ELECTRICAL PLAN

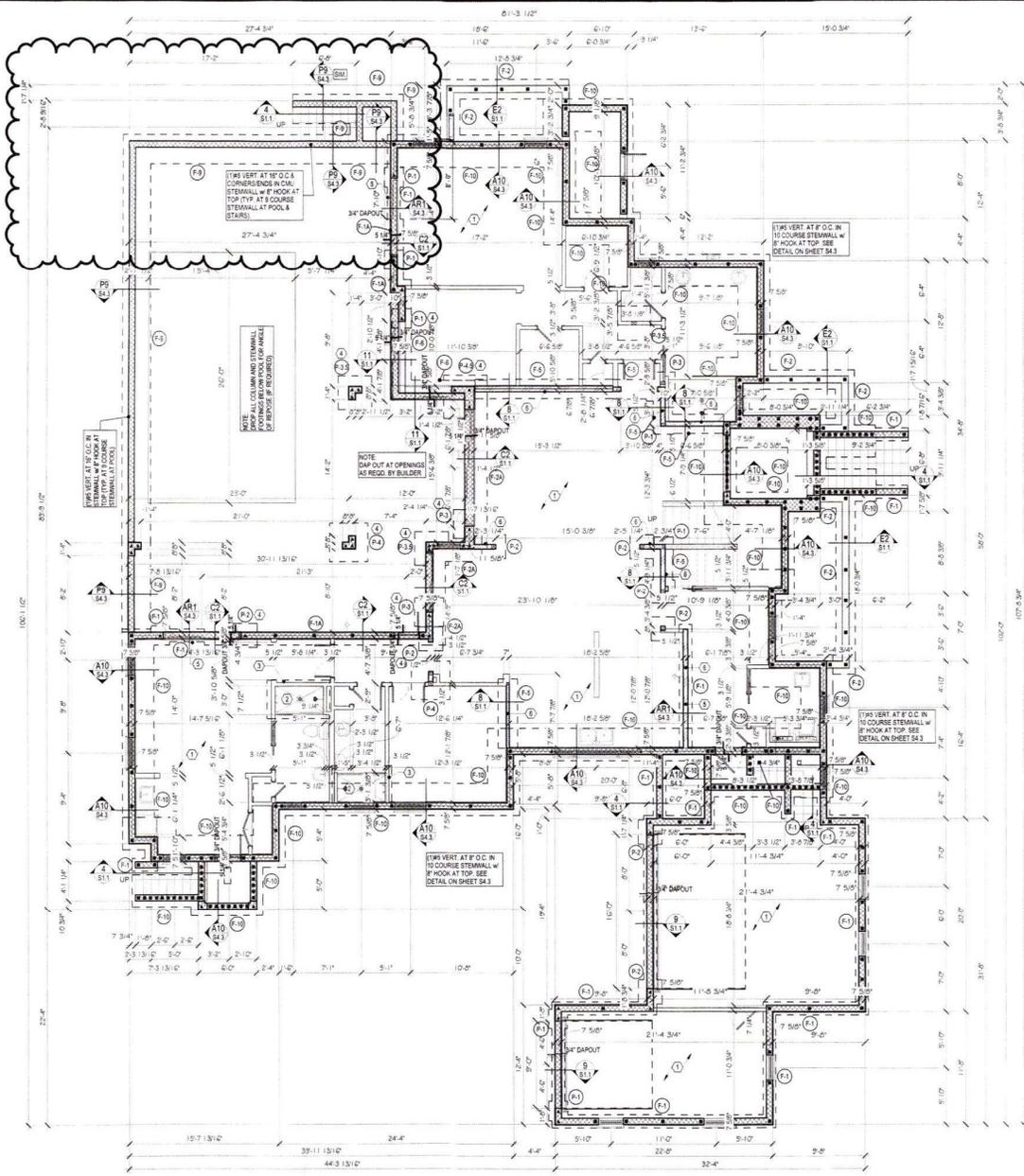
A CUSTOM RESIDENCE FOR:
CORDOVA RESIDENCE
1021 Longboat Club Road - Longboat Key
Longboat Key, Florida

NO.	DESCRIPTION	DATE	BY	CHKD.
1	ISSUED FOR PERMIT	02/09/2023	DB	BS
2	REVISION			
3	REVISION			
4	REVISION			
5	REVISION			
6	REVISION			
7	REVISION			
8	REVISION			
9	REVISION			
10	REVISION			

RECEIVED
FEB 09 2023
TOWN OF LONGBOAT KEY
Planning, Zoning & Building

RECORDS PREPARED BY
FILE COPY OF RECORDS

A6.0



FOOTING SCHEDULE			
MARK	SIZE / TYPE	REINFORCING	REMARKS
F-1	12" x 16" STRIP FTG.	(3) #6 CONT.	REFER TO DETAIL CSB1.1
F-1A	20" x 16" THICK SLAB EDGE	(3) #6 CONT.	REFER TO DETAIL CSB1.1
F-2	12" x 24" STRIP FTG.	(3) #6 CONT.	#5 TRANSVERSE BARS AT 18" O.C. SEE DETAIL CSB1.1
F-2A	20" x 24" THICK SLAB EDGE	(3) #6 CONT.	REFER TO DETAIL CSB1.1
F-3	12" x 24" STRIP FTG.	2 STORY UP TO 4 COURSE STEMMALL REFER TO DETAIL ON SHEET S1.1	
F-4	12" x 16" THICK SLAB	(3) #6 CONT.	REFER TO DETAIL CSB1.1
F-5	12" x 24" THICK SLAB	(3) #6 CONT.	REFER TO DETAIL CSB1.1
F-6	20" x 24" THICK SLAB	(3) #6 CONT.	REFER TO DETAIL CSB1.1
F-6A	12" x 16" THICK STRIP FTG.	5 COURSE STEMMALL REFER TO DETAIL ON SHEET S1.1	
F-10	12" x 16" THICK STRIP FTG.	15 COURSE STEMMALL REFER TO DETAIL ON SHEET S1.1	

COLUMN FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	REMARKS
R-1	24" x 24" x 12" PAD	(3) #6 EACH WAY	REFER TO TIP PAD FOOTING DETAIL ON S1.1
R-2	30" x 30" x 12" PAD	(4) #6 EACH WAY	REFER TO TIP PAD FOOTING DETAIL ON S1.1
R-3	30" x 30" x 12" PAD	(4) #6 EACH WAY	REFER TO TIP PAD FOOTING DETAIL ON S1.1
R-3.5	42" x 42" x 12" PAD	(6) #6 EACH WAY	REFER TO TIP PAD FOOTING DETAIL ON S1.1
R-4	48" x 48" x 18" PAD	(8) #6 EACH WAY	REFER TO TIP PAD FOOTING DETAIL ON S1.1
R-4.5	54" x 54" x 12" PAD	(8) #6 EACH WAY	REFER TO TIP PAD FOOTING DETAIL ON S1.1

GENERAL NOTES

- FOOTING DEPTH IS IN ADDITION TO 4" CONCRETE SLAB.
- DO NOT SCALE FOOTING SIZE FROM PLAN - SEE FOUNDATION / STEMMALL SECTIONS FOOTING SIZES.
- ISOLATED PAD FOOTINGS AND MONOLITHIC FOOTINGS CAN BE POURED INTEGRALLY, BOTTOMS AT SAME ELEVATION.
- USE GENTRIFON FOR TERMITE PROTECTION IN ACCORDANCE WITH FBC SECTION R318.
- SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL SHEETS.
- REINFORCEMENT IN FOOTINGS IS 3" FROM BOTTOM U.O.D.
- VERIFY STEMMALL HEIGHT IN FIELD, MAXIMUM 10 COURSES.
- STEMMALL REINFORCEMENT SHOWN ON THIS PAGE REPRESENTS THE REINFORCEMENT THAT EXTENDS INTO THE WALL ABOVE. REFER TO SHEET S4.3 FOR ADDITIONAL STEMMALL REINFORCEMENT.

FILLED CELLS LEGEND

- INDICATES FILLED CELL w/ (1) #5 REBAR FROM FOOTING TO THE BEAM STEEL.
- INDICATES FILLED CELL w/ (2) #5 REBAR FROM FOOTING TO THE BEAM STEEL.

CONCRETE SLAB NOTES

- SLAB ON GRADE
- 4" CONCRETE SLAB - 3000 PSI w/ FIBER MESH w/ 5 MIL VAPOR BARRIER OVER MECHANICALLY COMPACTED FILL. TREAT SOIL w/ SIXTRICON TERMITE POISONING.

KEYED NOTES

- SLAB ON GRADE
- 4" CONCRETE SLAB - SLOPE TO DRAIN AS REQUIRED.
- SLAB RECESS SLAB # AT SHOWER
- SLAB #7W THICKENED EDGE w/ (1) #5 CONT.
- TOP OF FOOTING, MINIMUM OF 6" BELOW GRADE.
- ANGLE OF REPOSE FOOTER: 18" w/ 1/2" STRIP FOOTING w/ (3) #6 CONT. BOTTOM AT SAME LEVEL AS ADJACENT STEMMALL FOOTING. SEE DETAIL ART ON S4.3.
- LOAD BEARING WALL: PROVIDE 8" DIA. 4" LONG TIEBOLTS AT 18" O.C. MAX. (12" O.C. WHERE STUD SPACING IS 12" O.C.) FROM FF. BOTTOM PLATE TO FOOTING. MIN. OVER HANG - TYPICAL AT INTERIOR BEARING WALLS.

RECEIVED
FEB 09 2023
TOWN OF LONGBOAT KEY
Planning, Zoning & Building

SC 19122023
REVISIONS
BY DATE
SS 02/07/2023

SCHEMATIC DEVELOPMENT
DESIGN DEVELOPMENT
CONSTRUCTION DOCUMENTS
ISSUED: 02/07/2023

© 2019 MSCALL ENGINEERING, LLC. ALL RIGHTS RESERVED.

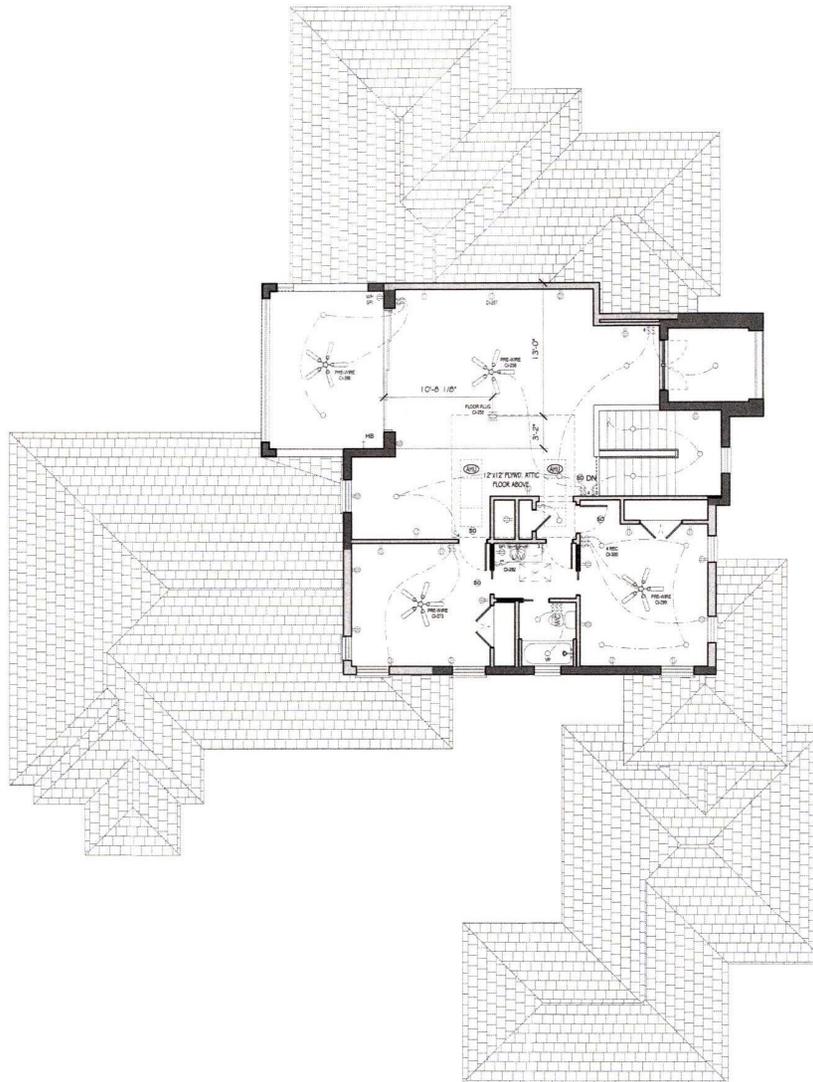
MSCALL ENGINEERING, LLC
Structural Engineering

A New Residence for:
CORDOVA RESIDENCE
1021 LONGBOAT CLUB ROAD, LONGBOAT KEY, FLORIDA

FOUNDATION PLAN
As Indicated

SS 19122023
REVISIONS
BY DATE
SS 02/07/2023

SHEET
S1.0



- ### ELECTRICAL NOTES
- STRUCTURED WIRING SYSTEM (S) ACTIVE DUAL PORT JACKS IS FIVE DATA WITH STRUCTURED WIRE ENCLOSURE AND 1/10 OUTLET
 - GROUND SWITCHES TO BE INSTALLED @ 42\"/>



- ### ELECTRICAL LEGEND
- CEILING DUPLEX RECEPTACLE OUTLET
 - DUPLEX RECEPTACLE OUTLET
 - FLOOR DUPLEX RECEPTACLE OUTLET
 - 1/2 SWITCH OUTLET
 - WATERPROOF / GFI RECEPTACLE OUTLET
 - GROUND FAULT INDICATOR
 - 220V RECEPTACLE OUTLET
 - SPECIAL CONNECTION
 - TELEPHONE
 - TV
 - CABLE TELEVISION
 - PUSH BUTTON FOR GARAGE DOOR OPENER
 - DOOR BELL
 - SINGLE POLE SWITCH
 - THREE WAY SWITCH
 - FOUR WAY SWITCH
 - SINGLE POLE SWITCH WITH DIMMER
 - SINGLE POLE SWITCH WITH DIMMER
 - AIR SWITCH
 - EXHAUST FAN
 - EXHAUST FAN / LIGHT
 - SMOKE / CARBON MONOXIDE DETECTOR
 - PRE-WIRE PENDANT
 - SURFACE MOUNTED LIGHT FIXTURE
 - WALL MOUNTED LIGHT FIXTURE
 - RECESSED REEBALL LIGHT FIXTURE
 - PREWIRE CHANDELER
 - RECESSED LED LIGHT FIXTURE
 - RECESSED MINI-LED LIGHT FIXTURE
 - RECESSED LED LIGHT FIXTURE - WET LOCATION RATED
 - 1 x 2 - LED FIXTURE w/ WAFP AROUND LENS 2-40W LAMPS
 - 1 x 4 - LED FIXTURE w/ WAFP AROUND LENS 2-40W LAMPS
 - PRE-WIRE FOR CEILING FAN
 - VANITY-WALL PREWIRE
 - CEILING MOUNTED SPEAKER
 - WALL MOUNTED SPEAKERS
 - FLOOD LIGHT
 - DISCONNECT
 - GARAGE DISPOSAL
 - AIR HANDLER UNIT
 - DRINKER LIGHT TO EXTERIOR DAMPPROOF AND NON-SCREENED
 - THERMOSTAT CONTROL
 - HOOD VENT TO BE INSTALLED PER APFS SPECS.
 - LED LIGHT STRIP
 - PLUGGED
 - O.C. LIGHTING

MC CALL
ENGINEERING, LLC
1000
Sarasota, FL 34240
TEL: (841) 500-8125
FAX: (841) 500-8127
P: PBP/EA 20008

SECOND FLOOR ELECTRICAL PLAN

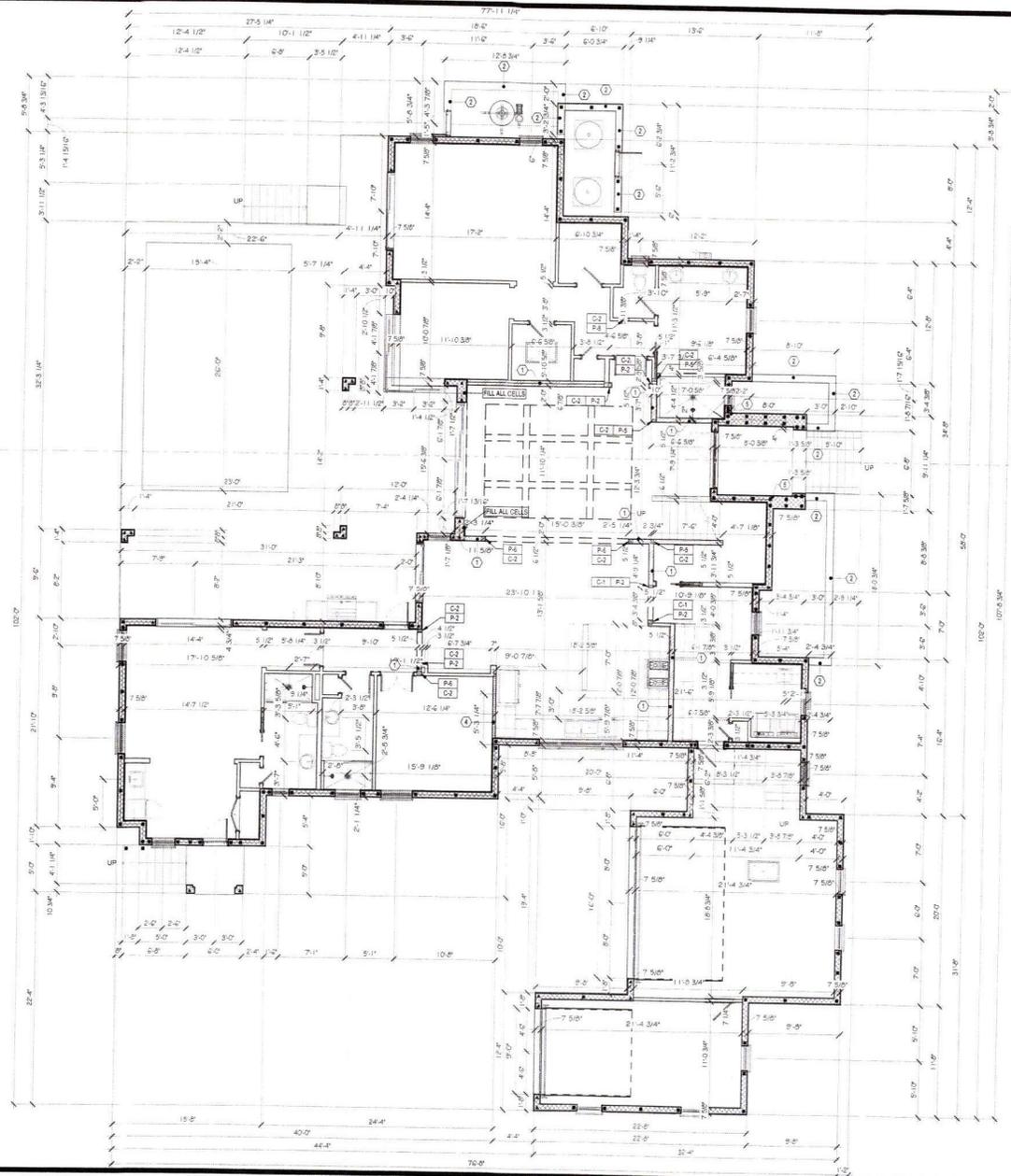
A CUSTOM RESIDENCE FOR:
CORDOVA RESIDENCE
10271 Longboat Club Road - Longboat Key
Longboat Key, Florida

1 SECOND FLOOR ELECTRICAL PLAN
3/16" = 1'-0"

NO.	DATE	DESCRIPTION
1	01/11/2024	ISSUED FOR PERMITS
2	01/11/2024	ISSUED FOR PERMITS
3	01/11/2024	ISSUED FOR PERMITS
4	01/11/2024	ISSUED FOR PERMITS
5	01/11/2024	ISSUED FOR PERMITS
6	01/11/2024	ISSUED FOR PERMITS
7	01/11/2024	ISSUED FOR PERMITS
8	01/11/2024	ISSUED FOR PERMITS
9	01/11/2024	ISSUED FOR PERMITS
10	01/11/2024	ISSUED FOR PERMITS
11	01/11/2024	ISSUED FOR PERMITS
12	01/11/2024	ISSUED FOR PERMITS
13	01/11/2024	ISSUED FOR PERMITS
14	01/11/2024	ISSUED FOR PERMITS
15	01/11/2024	ISSUED FOR PERMITS
16	01/11/2024	ISSUED FOR PERMITS
17	01/11/2024	ISSUED FOR PERMITS
18	01/11/2024	ISSUED FOR PERMITS
19	01/11/2024	ISSUED FOR PERMITS
20	01/11/2024	ISSUED FOR PERMITS

RECEIVED
JAN 11 2024
10271 LONGBOAT CLUB ROAD
LONGBOAT KEY, FL 34706

A6.1



NOTE: SEE TIE-BEAM STEP DETAIL ON SHEET S4.1.

FILLED CELLS LEGEND

- ① INDICATES FILLED CELL w/ (1) #8 REBAR FROM FOOTING TO THE BEAM STEEL.
- ② INDICATES FILLED CELL w/ (2) #8 REBAR FROM FOOTING TO THE BEAM STEEL.

CONNECTOR SCHEDULE

MARK	DESCRIPTION
C1	(1) SIMPSON ITTB W/ 1/4" ALL-THREAD DRILLED & EPOXIED 8" INTO FOOTING BELOW w/ SIMPSON SET EPOXY
C2	(1) SIMPSON HTTKT W/ 1/4" ALL-THREAD DRILLED & EPOXIED 8" INTO FOOTING BELOW w/ SIMPSON SET EPOXY

POST SCHEDULE

MARK	DESCRIPTION
P2	(2) 2x SYP STUDS FULL HOOT, 1/4" SILD MATCH WALL THICKNESS
P4	3-1/2" x 3-1/2" VERSALAM 1.8 2750
P6	3-1/2" x 5-1/4" VERSALAM 1.8 2750
P8	5-1/4" x 5-1/4" VERSALAM 1.8 2750
P8	3-1/2" x 7" VERSALAM 1.8 2750

KEYED NOTES

1. LOAD BEARING WALL: 2# SYP STUDS AT 16" O.C. TOP AT 10'-0" AFF.
2. MASONRY WALL: PROVIDE (1) #8 CONTINUOUS FULLY GRAOUTED COURSE AT TOP OF WALL.
3. LOAD BEARING WALL: 2# SYP STUDS AT 16" O.C. TOP AT 11'-4" AFF.
4. LOAD BEARING WALL: 2# SYP STUDS AT 12" O.C. TOP AT 10'-0" AFF.
5. MASONRY WALL: INTERLACE BUMP-OUT w/ ADJACENT MASONRY WALL.

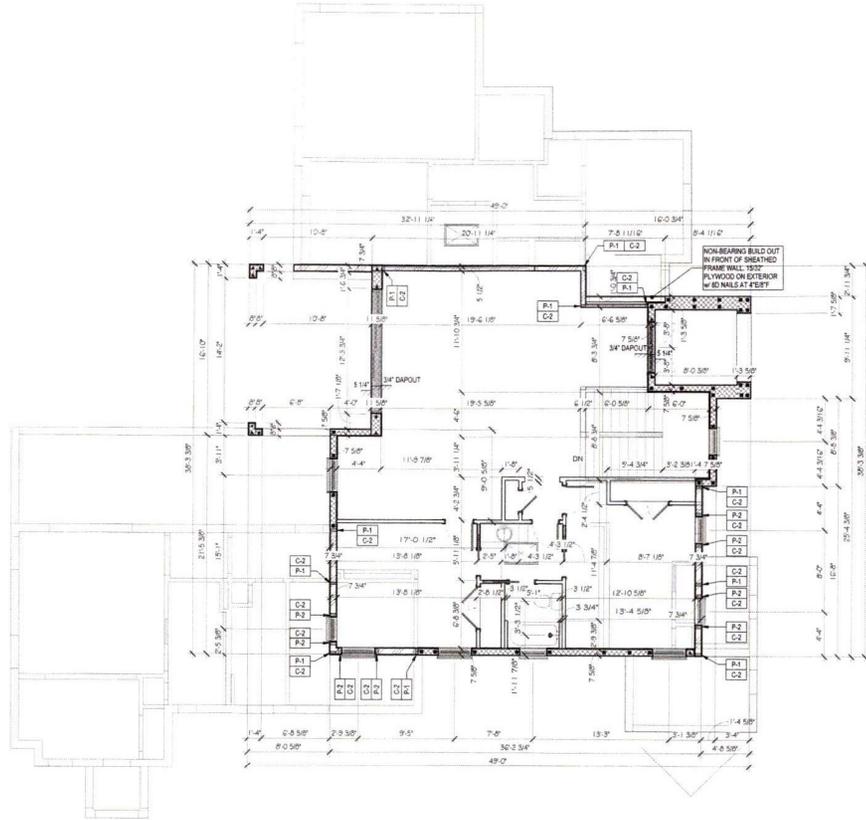


A New Residence for:
CORDOVA RESIDENCE
 1021 LONGBOAT CLUB ROAD, LONGBOAT KEY,
 FLORIDA

**FIRST FLOOR
 STRUCTURAL PLAN**
 As indicated

REVISIONS	BY	DATE
SHEET	S2.0	

RECEIVED
 OCT 11 2022
 FOR OF LONGBOAT KEY
 COPY OF ORIGINAL
 (Stamp)



KEYED NOTES

- 2x4 BYP OR BETTER AT 16" O.C. w/ 15/32" PLYWOOD SHEATHING w/ 2x4 NAILS AT 6" EDGE/ 12" FIELD TOP AT 12" 6" AFF

POST SCHEDULE

MARK	DESCRIPTION
P-1	(2) 3x BYP STUDS - MATCH WALL THICKNESS
P-2	(2) 3x BYP STUDS PLUS ADDL JACK STUD MATCH WALL THICKNESS
P-4	3x12 x 3x12 VERGALAM 1.8 2750
P-5	3x12 x 5x14 VERGALAM 1.8 2750
P-6	5x12 x 5x14 VERGALAM 1.8 2750
P-8	3x12 x 7 VERGALAM 1.8 2750
P-10	(1) 2x BYP KING STUD PLUS ADDL JACK STUD MATCH WALL THICKNESS

CONNECTOR SCHEDULE

MARK	DESCRIPTION
C-2	(2) BRIMPCON C219 TO BEAM/STISS WALL BELOW

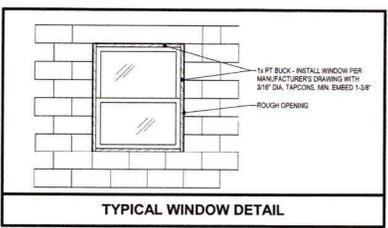
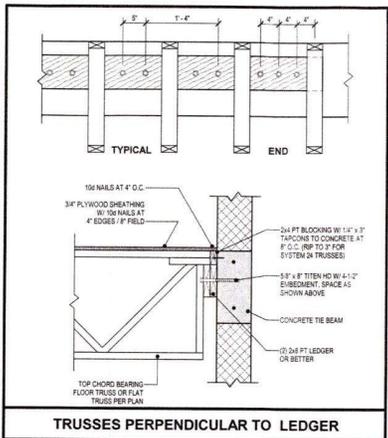
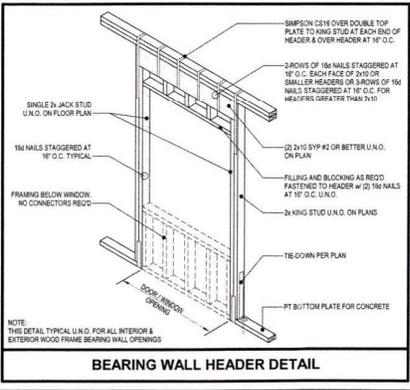
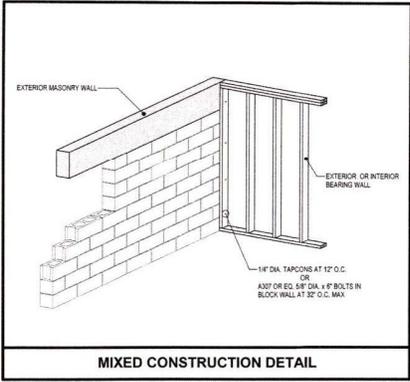
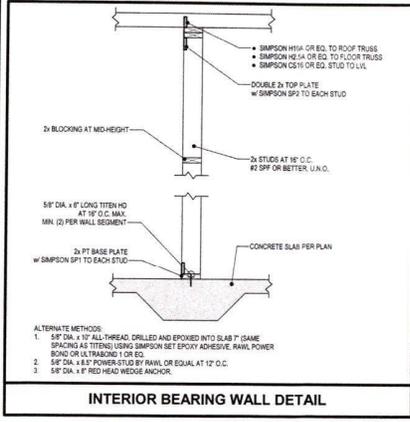
FILLED CELLS LEGEND

- INDICATES FILLED CELL w/ (1) #5 REBAR FROM FOOTING TO THE BEAM STEEL.
- INDICATES FILLED CELL w/ (2) #5 REBAR FROM FOOTING TO THE BEAM STEEL.

RECEIVED
 OCT 10 2022
 TOWN OF LONGBOAT KEY
 PLANNING DEPARTMENT
 City of Longboat Key

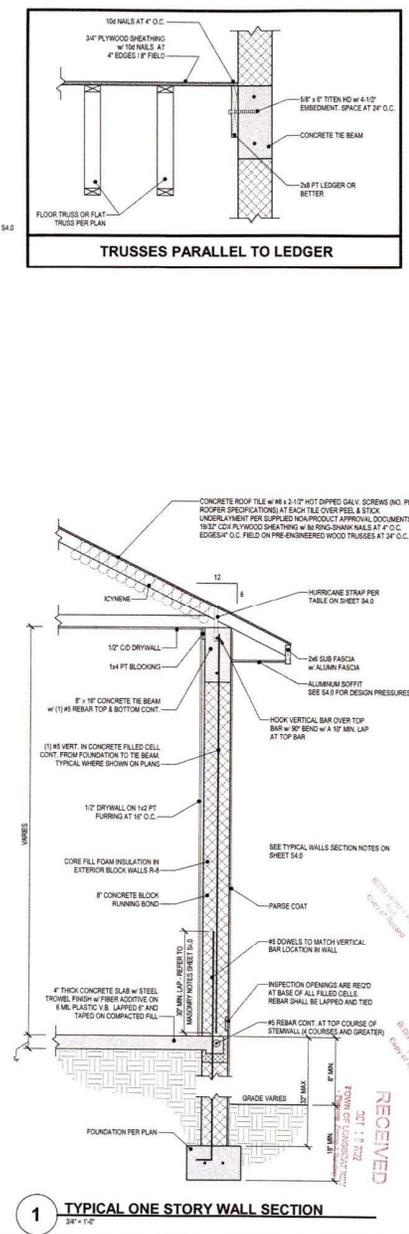
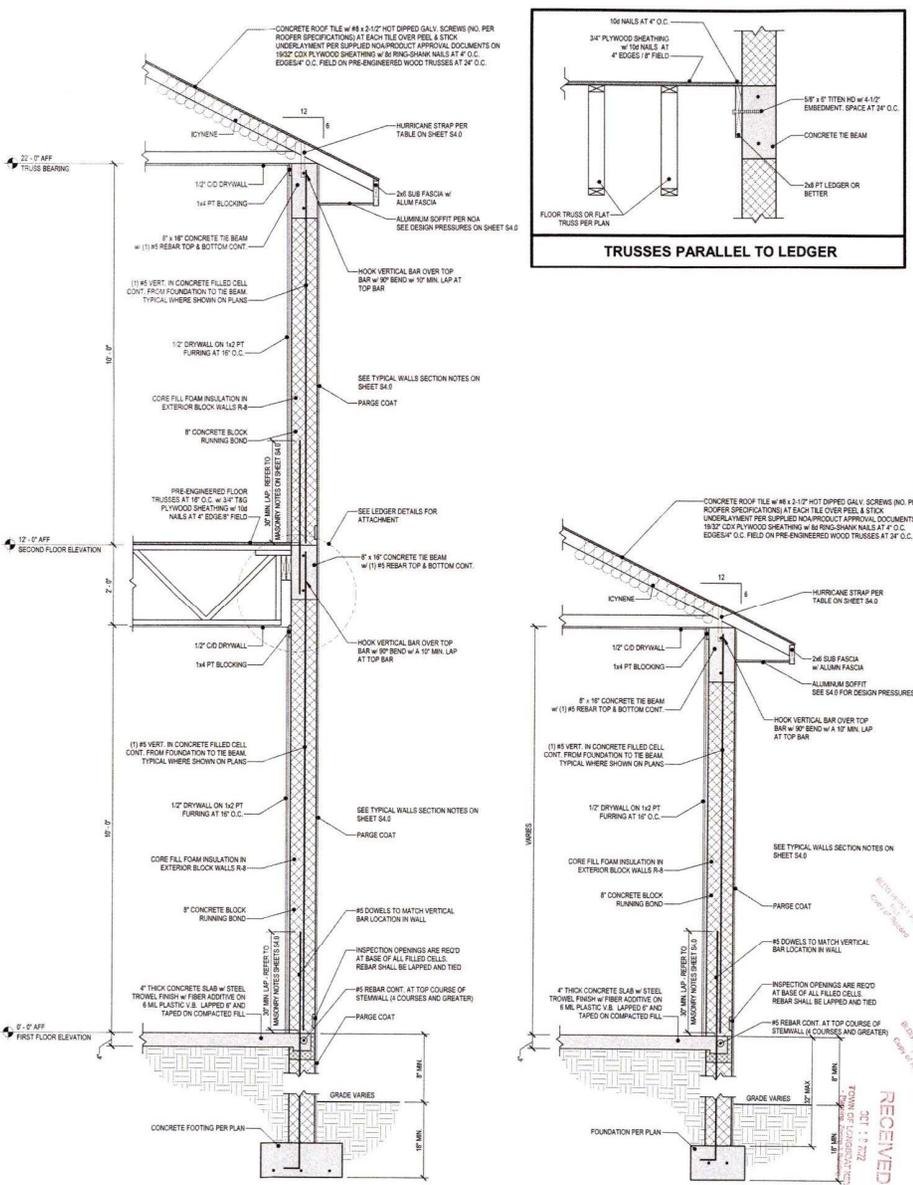
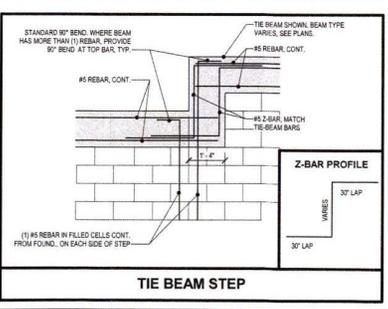
REVISIONS	BY	DATE

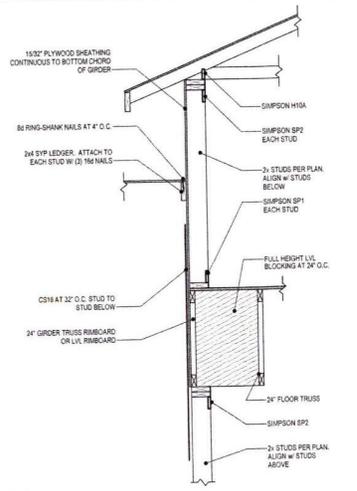
SHEET **S2.1**



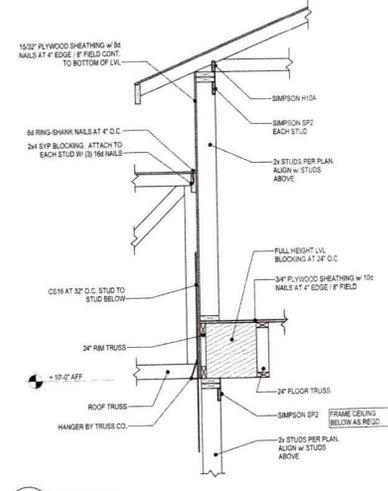
- WINDOW / DOOR INSTALLATION**
- SEE MANUFACTURER'S DRAWINGS FOR DETAILS AND SPACING OF TAPCONS / BOLTS.
 - DETAILS B OR C MAY BE USED FOR FAN / HALF CIRCLE WINDOWS UNL.O.
 - PRECAST WINDOW SILLS SHALL BE WIND RESISTANT PRECAST WINDOW SILLS AS MANUFACTURED BY CASTORETE OR EQUAL.
 - WINDOW DETAILS B AND C MAY BE USED INTERCHANGEABLY AND AT SILL FOR ROUND AND OVAL WINDOWS.
 - WOOD FILLER MAY BE USED AS REQUIRED TO MAINTAIN 1/4" GAP OR LESS AT CORNER OF ROUND AND SQUARE WINDOWS.

- GENERAL CONNECTIONS NOTES**
- CONNECTIONS SHOWN ON DRAWINGS ARE RECOMMENDED.
 - OTHER CONNECTIONS MAY BE SUBSTITUTED AS LONG AS THEY MEET OR EXCEED UPLIFTS AND LATERAL CAPACITY OF THE ANCHORS SPECIFIED AND SATISFY TRUSS LAYOUT REQUIREMENTS COMPLIANCE WITH USP, SIMPSON OR OTHER MANUFACTURER'S REQUIREMENTS.

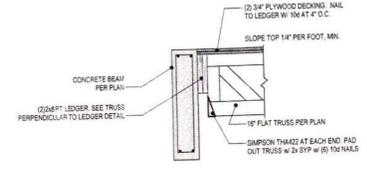




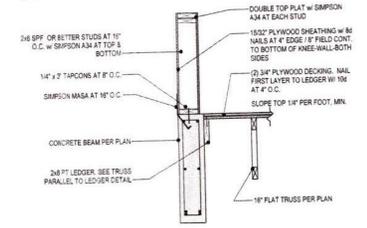
1 SECTION
3/4" x 1'-0"



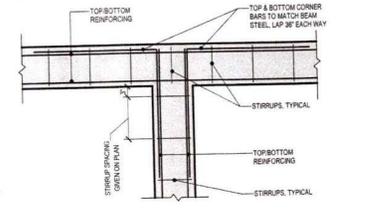
2 SECTION
3/4" x 1'-0"



3 SECTION
3/4" x 1'-0"

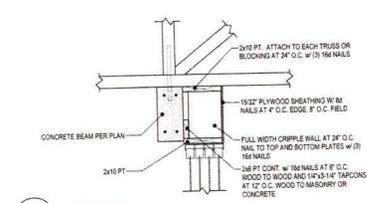


4 SECTION
3/4" x 1'-0"

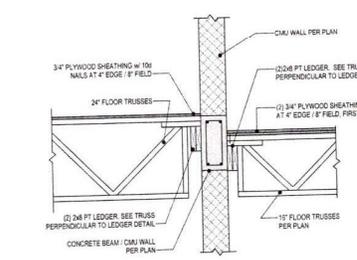


- NOTES:
1. ALL STRUPTS ARE CLOSED. SEE PLAN FOR SPACING AND SIZES.
 2. SEE PLAN FOR REINFORCING SIZES.
 3. INTERSECTING BEAMS POURED AS ONE, NO JOINTS.
 4. ONLY OUTSIDE BARS (TOP & BOTTOM) NEED TO BE HOOKED AND LAPPED. MIDDLE BARS, NOT SHOWN, (TOP & BOTTOM) CAN EXTEND AND TERMINATE AT OUTSIDE FACE OF PERPENDICULAR BEAM.

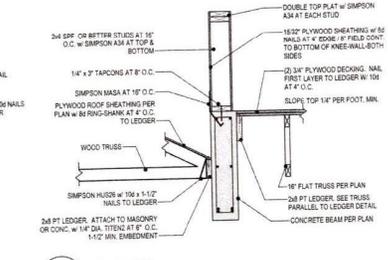
5 INTERSECTION BEAM DETAIL
3/4" x 1'-0"



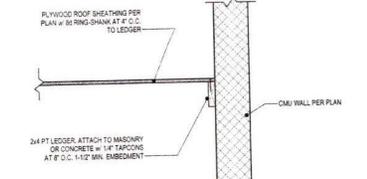
13 SECTION
3/4" x 1'-0"



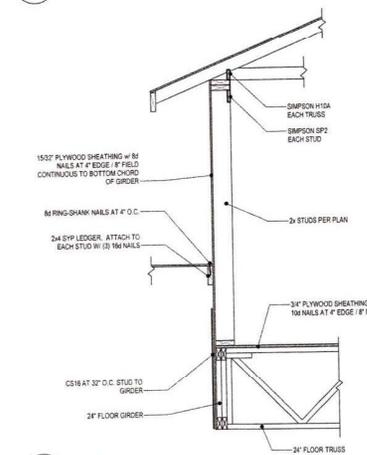
6 SECTION
3/4" x 1'-0"



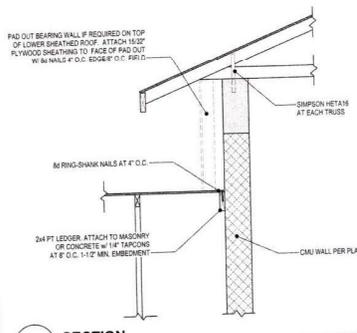
7 SECTION
3/4" x 1'-0"



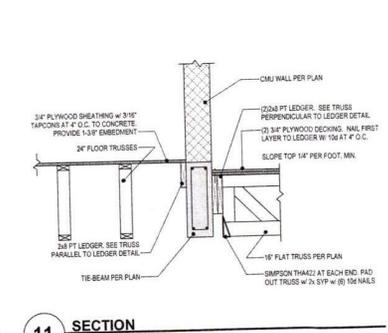
8 TRUSSES PARALLEL TO LEDGER
7" x 1'-0"



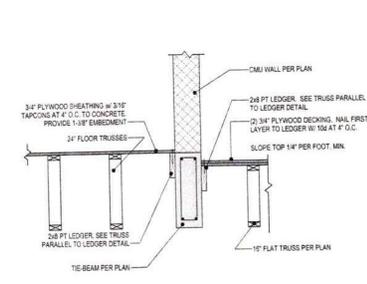
9 SECTION
3/4" x 1'-0"



10 SECTION
3/4" x 1'-0"



11 SECTION
3/4" x 1'-0"



12 SECTION
3/4" x 1'-0"

RECEIVED
OCT 1 2022
TOWN OF LONGBOAT KEY
PLANNING DEPARTMENT

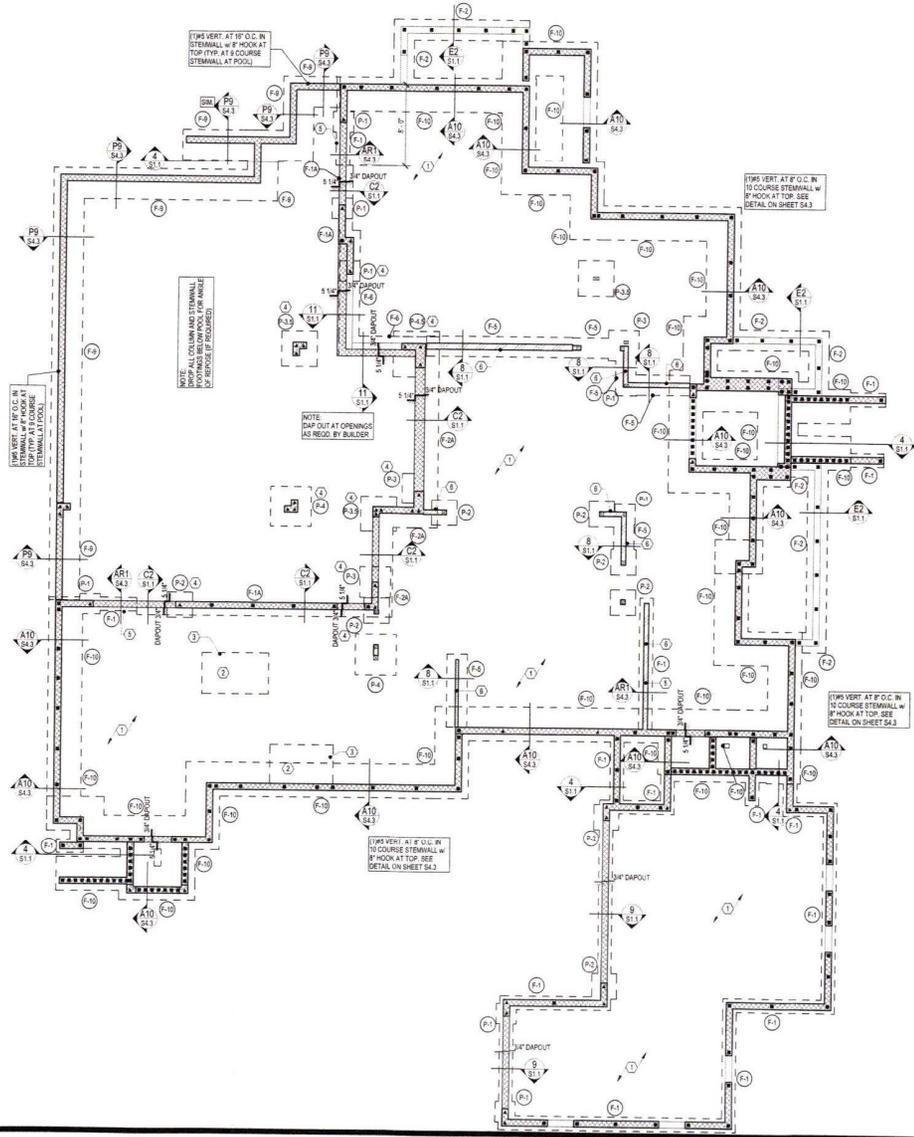
McCall Engineering, LLC
Structural Engineering
11010 15th Avenue
Tampa, FL 33613
Tel: (813) 938-1111
www.mccalleng.com



A New Residence for:
CORDOVA RESIDENCE
1021 LONGBOAT CLUB ROAD, LONGBOAT KEY,
FLORIDA

STRUCTURAL DETAILS
As indicated

SS	09/08/2022
REVISIONS	
BY	DATE
SHEET	S4.2



FOOTING SCHEDULE				
MARK	SIZE / TYPE	REINFORCING	REMARKS	
F-1	12" x 16" STRIP FTG.	(2) #6 CONT.		
F-1A	20" x 16" THICK SLAB EDGE	(2) #6 CONT.		REFER TO DETAIL C28.1
F-2	12" x 24" STRIP FTG.	(2) #6 CONT.		#5 TRANSVERSE BARS AT 18" O.C. SEE DETAIL E25.1
F-2A	20" x 24" THICK SLAB EDGE	(2) #6 CONT.		REFER TO DETAIL C28.1
F-3	12" x 24" STRIP FTG.	2 STORY LIFT & 1 COURSE STEMMALL		REFER TO DETAIL ON SHEET S1.1
F-4	12" x 16" THICK SLAB	(2) #6 CONT.		
F-5	12" x 24" THICK SLAB	(2) #6 CONT.		
F-6	20" x 24" THICK SLAB	(2) #6 CONT.		REFER TO DETAIL T25.1
F-8	12" x 30" STRIP FTG.	1 COURSE STEMMALL		REFER TO DETAIL ON SHEET S1.1
F-10	12" x 40" STRIP FTG.	10 COURSE STEMMALL		REFER TO DETAIL ON SHEET S1.1

COLUMN FOOTING SCHEDULE				
MARK	SIZE	REINFORCING	REMARKS	
P-1	24" X 24" X 12" PAD	(2) #6 EACH WAY		REFER TO TYP. PAD FOOTING DETAIL ON S1.1
P-2	30" X 30" X 12" PAD	(4) #6 EACH WAY		REFER TO TYP. PAD FOOTING DETAIL ON S1.1
P-3	36" X 36" X 12" PAD	(6) #6 EACH WAY		REFER TO TYP. PAD FOOTING DETAIL ON S1.1
P-3.5	42" X 42" X 12" PAD	(8) #6 EACH WAY		REFER TO TYP. PAD FOOTING DETAIL ON S1.1
P-4	48" X 48" X 12" PAD	(8) #6 EACH WAY		REFER TO TYP. PAD FOOTING DETAIL ON S1.1
P-4.5	54" X 54" X 12" PAD	(8) #6 EACH WAY		REFER TO TYP. PAD FOOTING DETAIL ON S1.1

GENERAL NOTES

- FOOTING DEPTH IS IN ADDITION TO 4" CONCRETE SLAB.
- DO NOT SCALE FOOTING SIZE FROM PLAN - SEE FOUNDATION / STEMMALL SECTIONS FOOTING SIZES.
- ISOLATED PAD FOOTINGS AND MONOLITHIC FOOTINGS CAN BE POURED INTERGALLY BOTTOMS AT SAME ELEVATION.
- USE CENTERLINE FOR TERMINATE PROTECTION IN ACCORDANCE WITH FBC SECTION R318.
- SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN ON STRUCTURAL SHEETS.
- REINFORCEMENT IN FOOTINGS IS 2" FROM BOTTOM U.L.O.
- VERIFY STEMMALL HEIGHT IN FIELD - MINIMUM 10 COURSES.
- STEMMALL REINFORCEMENT SHOWN ON THIS PAGE REPRESENTS THE REINFORCEMENT THAT EXTENDS INTO THE WALL ABOVE. REFER TO SHEET S4.3 FOR ADDITIONAL STEMMALL REINFORCEMENT.

FILLED CELLS LEGEND

- INDICATES FILLED CELL W/ (1) #5 REBAR FROM FOOTING TO THE BEAM STEEL.
- INDICATES FILLED CELL W/ (2) #5 REBAR FROM FOOTING TO THE BEAM STEEL.

CONCRETE SLAB NOTES

- SLAB ON GRADE
- CONCRETE SLAB - 3000 PSI w/ FIBER MESH w/ 4 MIL VAPOR BARRIER OVER MECHANICALLY COMPACTED FILL TREAT SOIL w/ SEVENTH-COURSE TERMINATE POSITIONING

KEYED NOTES

- SLAB ON GRADE - 4" CONCRETE SLAB - SLOPE TO DRAIN AS REQUIRED.
- SLAB - RECESS SLAB 4" AT SHOWER.
- SLAB - 8" IN THICKENED EDGE w/ (1) #6 CONT.
- TOP OF FOOTING - MINIMUM 6" BELOW GRADE.
- ANGLE OF REPOSE FOOTER - 18" x 18" STRIP FOOTING w/ 2WS CONT' BOTTOM AT SAME LEVEL AS ADJACENT STEMMALL FOOTING SEE DETAIL ART ON S4.3
- LOAD BEARING WALL - PROVIDE 5/8" DIA. 6" LONG TIE IN HOOK AT 18" O.C. MAX. (12" O.C. WHERE STUD SPACING IS 12" O.C.) FROM FT. BOTTOM TO TOP OF FOOTING. MIN. 2" PER WALL SEGMENT - TYPICAL AT INTERIOR BEARING WALLS.

10/14/2022 4:48:00 PM
 RECEIVED
 OCT 19 2022
 PROJECT ENGINEER
 PROJECT MANAGER
 PROJECT SUPERVISOR
 PROJECT ASSISTANT
 PROJECT CLERK

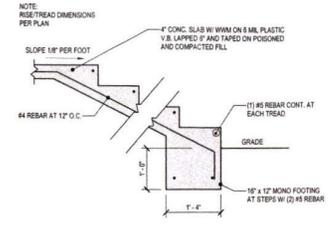
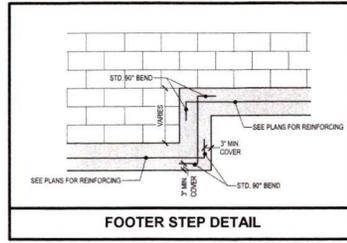
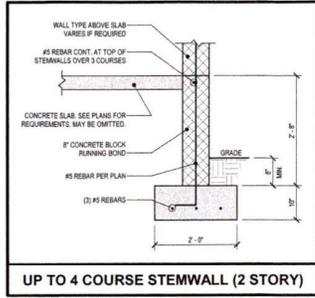
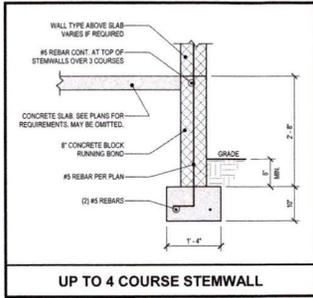
© 2019 MSCALL ENGINEERING, LLC. ALL RIGHTS RESERVED.

MSCALL ENGINEERING, LLC
 Structural Engineering

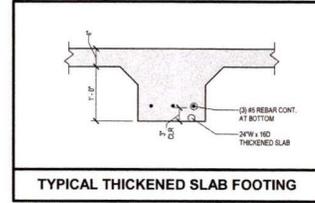
A New Residence for:
CORDOVA RESIDENCE
 1021 LONGBOAT CLUB ROAD, LONGBOAT KEY,
 FLORIDA

FOUNDATION PLAN
 As Indicated

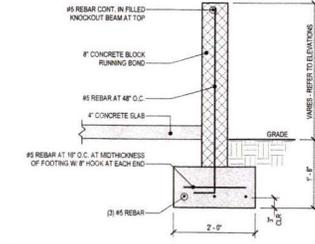
SS	10/12/2022
REVISIONS	
BY	DATE
SHEET	
S1.0	



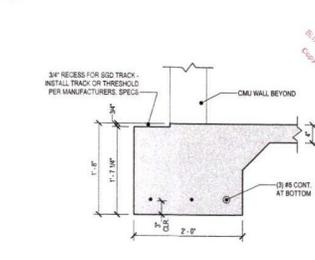
4 STAIRS ON GRADE DETAIL
3/4" x 1'-0"



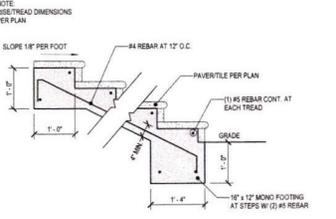
8 SECTION
7' x 1'-0"



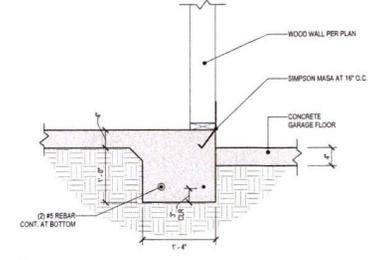
E2 SCREEN WALL
3/4" x 1'-0"



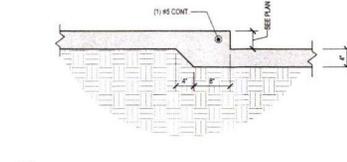
11 Slab - SGD Recess Outset (C3A)
7' x 1'-0"



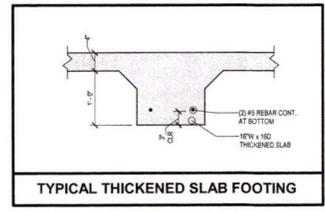
5 STAIRS ON GRADE DETAIL
3/4" x 1'-0"



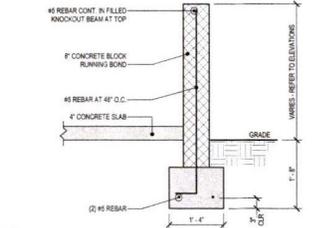
6 SECTION
7' x 1'-0"



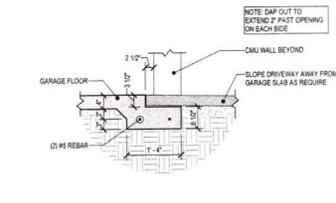
7 TYPICAL RECESS AT SHOWER
7' x 1'-0"



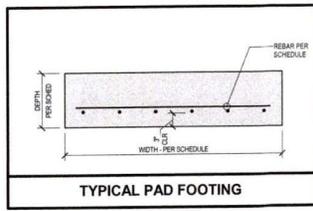
10 SECTION
7' x 1'-0"



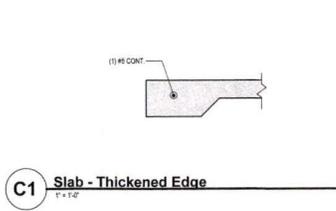
E1 SCREEN WALL
3/4" x 1'-0"



9 GARAGE DOOR RECESS
3/4" x 1'-0"

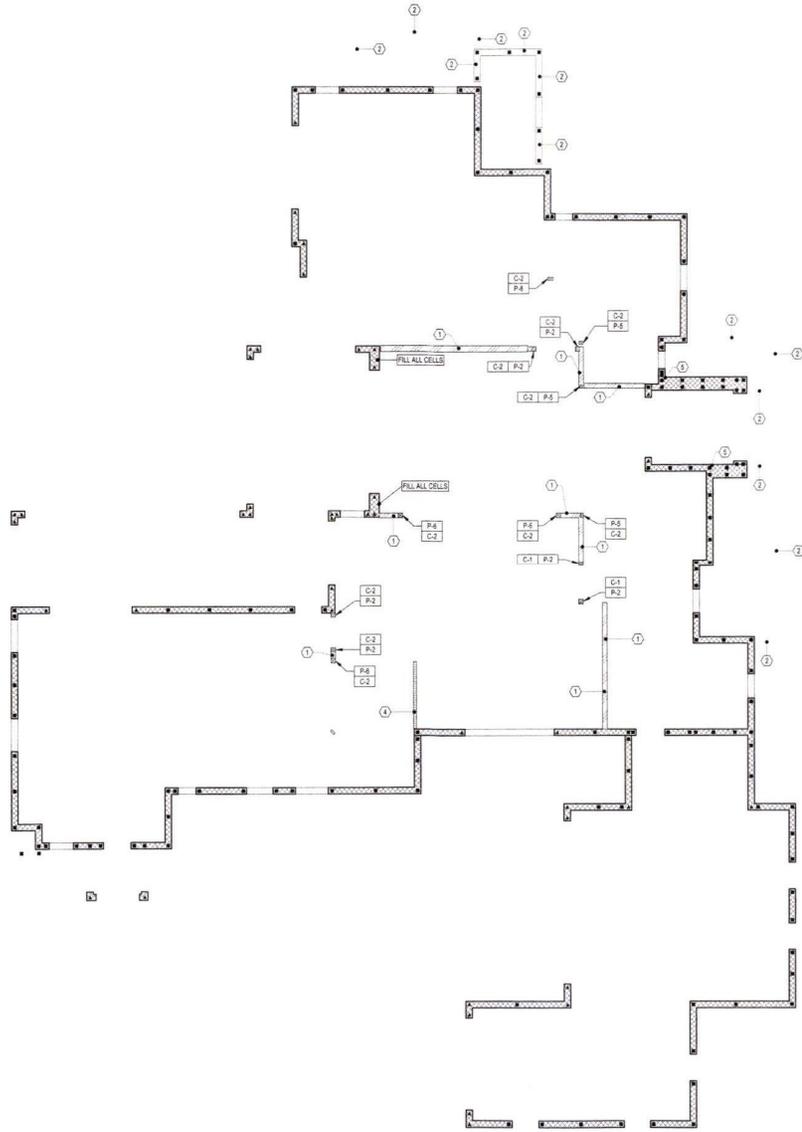


C1 Slab - Thickened Edge
7' x 1'-0"



C2 SLAB - MONO FOOTING DETAIL
7' x 1'-0"

RECEIVED
10/14/2022
10:11 AM
RETURN TO: LONGBOAT CLUB
1021 LONGBOAT CLUB ROAD
LONGBOAT KEY, FL 34908



NOTE: SEE TIE-BEAM STEP DETAIL ON SHEET S4.1.

FILLED CELLS LEGEND

- INDICATES FILLED CELL w/ (1) #5 REBAR FROM FOOTING TO THE BEAM STEEL.
- INDICATES FILLED CELL w/ (2) #5 REBAR FROM FOOTING TO THE BEAM STEEL.

CONNECTOR SCHEDULE

MARK	DESCRIPTION
C-1	(1) SIMPSON LTT77 w/ 5/8" ALL-THREAD DRILLED & EPOXIED 6" INTO FOOTING BELOW w/ SIMPSON SET EPOXY.
C-2	(1) SIMPSON HTSMT w/ 5/8" ALL-THREAD DRILLED & EPOXIED 6" INTO FOOTING BELOW w/ SIMPSON SET EPOXY.

POST SCHEDULE

MARK	DESCRIPTION
P-2	(2) 2x DWP STUDS PLUS ADD'L JACK STUD MATCH WALL THICKNESS
P-4	3-1/2" x 3-1/2" VERSALAM 1.8 2750
P-6	3-1/2" x 5-1/4" VERSALAM 1.8 2750
P-8	3-1/2" x 5-1/4" VERSALAM 1.8 2750
P-8	3-1/2" x 7" VERSALAM 1.8 2750

KEYED NOTES

- 1 LOAD BEARING WALL: 2x4 DWP STUDS AT 16" O.C. TOP AT 10'-0" AFF.
- 2 MASONRY WALL: PROVIDE (1) #6 CONTINUOUS IN FULLY GROUTED COURSE AT TOP OF WALL.
- 3 LOAD BEARING WALL: 2x4 DWP STUDS AT 16" O.C. TOP AT 11'-0" AFF.
- 4 LOAD BEARING WALL: 2x4 DWP STUDS AT 12" O.C. TOP AT 10'-0" AFF.
- 5 MASONRY WALL: INTERLACE BUMP-OUT w/ ADJACENT MASONRY WALL.

RECEIVED
OCT 11 2022
TOWN OF LONGBOAT KEY
Planning, Zoning & Public Works



A New Residence for:
CORDOVA RESIDENCE
1021 LONGBOAT CLUB ROAD, LONGBOAT KEY,
FLORIDA

**FIRST FLOOR
STRUCTURAL PLAN**
As Indicated

REVISIONS	BY	DATE

SHEET
S2.0

KEYED NOTES

- 2x6 SYP OR BETTER AT 16" O.C. w/ 1/2" PLYWOOD SHEATHING w/ BEAMS AT 4' EDGE/8' FIELD TOP AT 1" @ AFF

POST SCHEDULE

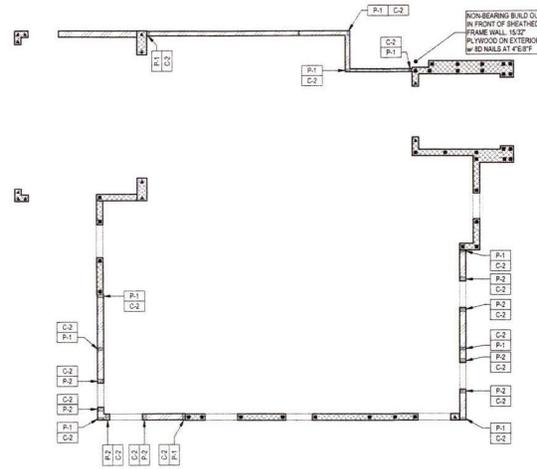
MARK	DESCRIPTION
P-1	(2) 5" SYP STUDS - MATCH WALL THICKNESS
P-2	(2) 5" SYP STUDS PLUS ADDL JACK STUD MATCH WALL THICKNESS
P-4	3-1/2" x 3-1/2" VERSALAM 1.8 2750
P-5	3-1/2" x 5-1/4" VERSALAM 1.8 2750
P-6	5-1/4" x 5-1/4" VERSALAM 1.8 2750
P-8	3-1/2" x 7" VERSALAM 1.8 3750
P-10	(1) 5" SYP KING STUD PLUS ADDL JACK STUD MATCH WALL THICKNESS

CONNECTOR SCHEDULE

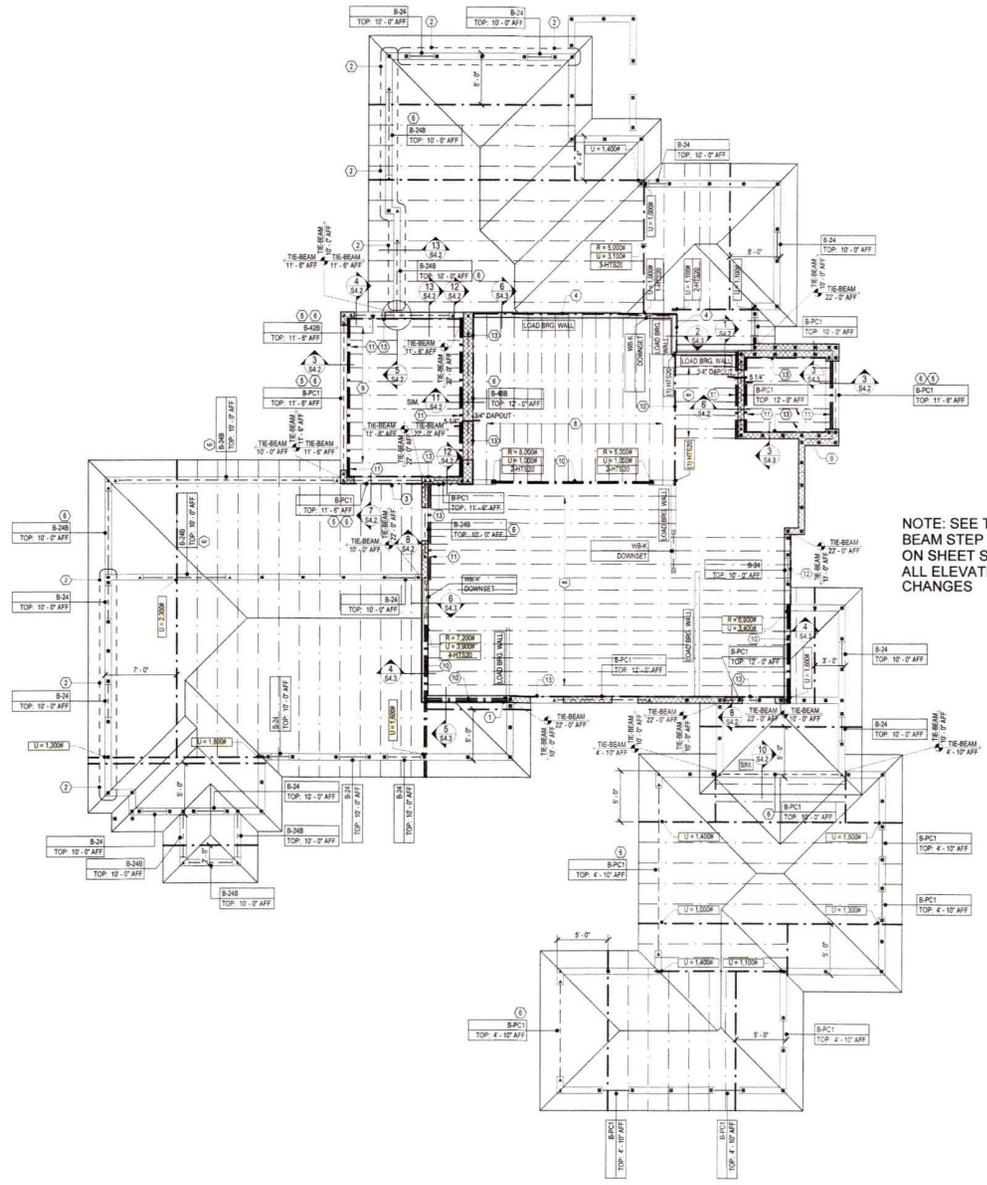
MARK	DESCRIPTION
C-2	(2) SIMPSON C216 TO BEAM/TRUSS WALL/BELLOW

FILLED CELLS LEGEND

- INDICATES FILLED CELL w/ (1) #5 REBAR FROM FOOTING TO TIE BEAM STEEL.
- INDICATES FILLED CELL w/ (2) #5 REBAR FROM FOOTING TO TIE BEAM STEEL.



RECEIVED
 OCT 19 2022
 TOWN OF LONGBOAT KEY
 Planning & Public Works
 8155 STATE ROAD 17
 LONGBOAT KEY, FL 34958
 Copy of Record



NOTE: SEE TIE-BEAM STEP DETAIL ON SHEET S4.1. AT ALL ELEVATION CHANGES

GENERAL NOTES

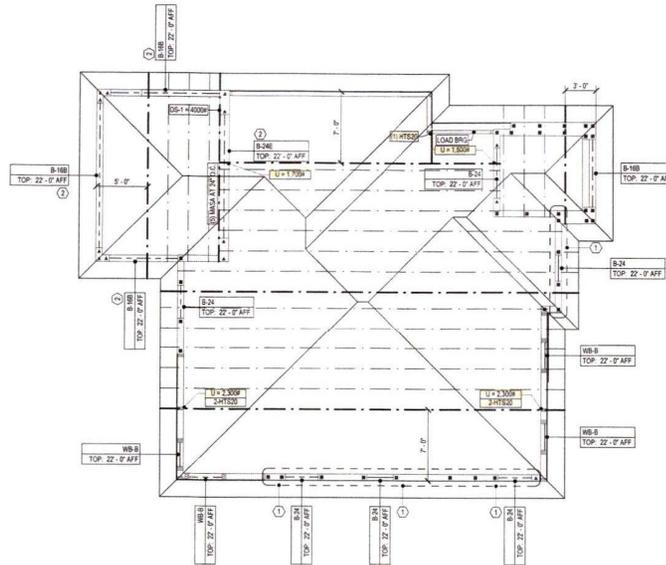
1. FILL ALL CELLS ABOVE PRECAST UNTELS.
2. STEEL RAISED HEEL TRUSSES BACK 3/4" FROM FACE OF MASONRY FOR FLYWOOD AND STUDS.
3. ALL WOOD OR WOOD PRODUCTS IN CONTACT WITH CONCRETE OR MASONRY TO BE MOISTURE PROTECTED OR PRESSURE TREATED.
4. ENTRY LAMIN (CAMA) CEILING AREAS EXPOSED TO WIND; PROVIDE 2" BLOCKING AT 48" O.C. AT THE BOTTOM CHORD OF ALL TRUSSES. PROVIDE 1/2" EXTERIOR GRADE FLYWOOD SHEATHING WITH 8# NAILS AT 4" EDGE, 12" FIELD.
5. ALL CONCRETE BEAMS AND PRECAST UNTELS 9" OR LONGER SHALL BE SHORED FOR A MINIMUM OF 28 DAYS AFTER CONCRETE CURE/IT HAS BEEN POURED.

STRUCTURAL NOTES

1. HANGER SIMPSON HUC205-2 (1/2" 5/8" x 3/4" SIMPSON TITEN) TO CONCRETE. PROVIDE 2" MIN. EDGE DISTANCE. PAD OUT END OF TRUSS FOR HANGER W/ 2# 8" SP. HORIZONTAL W/ (8) 1/2" NAILS TO TRUSS IF REQUIRED.
2. THE DOWN: ATTACH EACH ROOF TRUSS TO TOP OF WALL W/ (2) SIMPSON METAS. INSTALL ONE STRAP ON EACH SIDE OF TRUSS WITH SHOOKS FACING OUTWARD AND STRAPS SPACED NO MORE THAN 18" WIDER THAN TRUSS WIDTH.
3. 2#8 FT LEDGER. ATTACH TO MASONRY OR CONC. W/ 5/8" DIA. TITEN AT 4" O.C. 1-1/2" MIN. EMBEDMENT.
4. FULL HEIGHT TRUSS RIM BOARD BY TRUSS CO. INSTALL SIMPSON MGA AT 18" O.C. TO DOUBLE TOP PLATE AND SIMPSON SISE AT 24" O.C. TO STUDS BELOW. ATTACH TO THE END OF THE TRUSS W/ (8) 1/2" NAILS.
5. LOWER SLOPE TOP OF BEAM AS REQD. TO ACCOMMODATE 1/4" SLOPE.
6. SHORE PRECAST CONCRETE BEAM FOR MINIMUM OF 28 DAYS AFTER POUR.
7. OVERHANG TO BE FORMED IN VALLEY SET BY TRUSS BY TRUSS MANUF. 1/2" PLYWOOD SHEATHING ON EXTERIOR FACE W/ 8# NAILS @ 4" O.C. EDGE @ 12" O.C. FIELD. HOLD BACK TRUSS 3/4" FOR PLYWOOD & STUCCO.
8. 2" DEEP FLOOR TRUSSES AT 18" O.C.
9. 1/2" DEEP FLOOR TRUSSES AT 18" O.C. SLOPE TOP 1/4" PER FOOT (AS REQD.)
10. 2" DEEP FLOOR GRIDER TRUSS BY TRUSS CO.
11. (2) 2#8 FT LEDGER OR BETTER - SEE TRUSS PERPENDICULAR TO WALL DETAIL.
12. FULL HEIGHT TRUSS RIM BOARD BY TRUSS CO. DESIGNED TO TRANSFER 80% OF DRAG LOAD TO THE BEAM BELOW. INSTALL SIMPSON MGA AT 24" O.C. ATTACH TO THE END OF THE TRUSS W/ (8) 1/2" NAILS.
13. 2#8 FT LEDGER OR BETTER - SEE TRUSS PARALLEL TO WALL DETAIL.

CONCRETE BEAM SCHEDULE

MARK	DESCRIPTION
B-18B	18" x 18" FAP CONCRETE BEAM W/ (2) 8# TOP & (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-19C	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP & (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM
B-24B	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP & (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24C	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP & (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24D	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24E	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24F	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24G	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24H	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24I	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24J	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24K	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24L	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24M	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24N	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24O	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24P	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24Q	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24R	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24S	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24T	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24U	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24V	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24W	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24X	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24Y	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24Z	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AA	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AB	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AC	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AD	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AE	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AF	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AG	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AH	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AI	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AJ	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AK	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AL	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AM	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AN	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AO	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AP	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AQ	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AR	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AS	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AT	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AU	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AV	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AW	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AX	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AY	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24AZ	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BA	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BB	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BC	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BD	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BE	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BF	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BG	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BH	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BI	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BJ	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BK	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BL	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BM	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BN	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-24BO	19" x 19" FAP CONCRETE BEAM W/ (2) 8# TOP, (2) 8# MIDDLE, (2) 8# BOTTOM #3 TIES AT 18" O.C.
B-	



GENERAL NOTES

1. FILL ALL CELLS ABOVE PRECAST LINTELS.
2. STUD RAISED HEEL TRUSSES BACK 3/4" FROM FACE OF MASONRY FOR PLYWOOD AND STRIPS.
3. ALL WOOD OR WOOD PRODUCTS IN CONTACT WITH CONCRETE OR MASONRY TO BE MOISTURE PROTECTED OR PRESURE TREATED.
4. ENTRY LAMB (DAMAN) AREAS EXPOSED TO WIND PROVIDE 2M BLOCKING AT 4' O.C. AT THE BOTTOM CHORD OF ALL TRUSSES. PROVIDE 1/2" EXTERIOR GRADE PLYWOOD SHEATHING WITH 3/4" x 4" EDGE JOIST IF FIELD.
5. ALL CONCRETE BEAMS AND PRECAST LINTELS 9" OR LONGER SHALL BE SHORED FOR A MINIMUM OF 28 DAYS AFTER CONCRETE CURE HAS BEEN POURED.

STRUCTURAL NOTES

1. TIE DOWN: ATTACH EACH ROOF TRUSS TO TOP OF WALL w/ (2) SIMPSON METALS. INSTALL ONE STRAP ON EACH SIDE OF TRUSS WITH SPACING FACING OUTWARD AND STRAPS SPACED NO MORE THAN 1/4" HIGHER THAN TRUSS WIDTH.
2. SHORE FORM & POUR BEAM FOR MINIMUM OF 28 DAYS AFTER CONCRETE ABOVE HAS BEEN POURED.

CONCRETE BEAM SCHEDULE

MARK	DESCRIPTION
B-18B	8" x 18" F&P CONCRETE BEAM w/ (2)MS TOP & (2)MS BOTTOM #3 TIES AT 6" O.C.
B-18C	8" x 18" F&P CONCRETE BEAM w/ (2)MS TOP & (4)MS BUNDLED BOTTOM #3 TIES AT 6" O.C.
B-24	8" x 24" F&P CONCRETE BEAM w/ (1)MS TOP, (1)MS MIDDLE, (1)MS BOTTOM
B-24B	8" x 24" F&P CONCRETE BEAM w/ (2)MS TOP & (2)MS BOTTOM #3 TIES AT 12" O.C.
B-24E	12" x 24" F&P CONCRETE BEAM w/ (2)MS TOP & (2)MS BOTTOM #3 TIES AT 12" O.C.
B-42B	8" x 42" F&P CONCRETE BEAM w/ (2)MS TOP, (1)MS MIDDLE (2 ROWS) & (2)MS BOTTOM #3 TIES AT 12" O.C.
B-48B	12" x 48" F&P CONCRETE BEAM w/ (2)MS TOP, (1)MS MIDDLE (2 ROWS) & (2)MS BOTTOM #3 TIES AT 12" O.C.
B-PC1	8" x 8" PRECAST BEAM w/ (1)MS CORN. FILLED SOLID w/ 1/2" TE-BEAM AT TOP OF WALL w/ (1)MS TOP & BOTT. FILL ALL CELLS ABOVE PRECAST LINTEL.
B-PC2	8" x 8" PRECAST BEAM w/ (1)MS TOP & (1)MS BOTTOM FILLED SOLID.

WOOD BEAM SCHEDULE

MARK	DESCRIPTION
WB-A	(2) 2x8 SYP BEAM w/ 1/2" COR FLITCH PLATE
WB-B	(2) 2x8 SYP BEAM w/ (2) 1/2" COR FLITCH PLATE
WB-C	(2) 1.75" x 11.875" MICROLAM LVL BEAM
WB-D	2" DEEP WOOD GIRDER
WB-K	(2) 2x12 SYP BEAM w/ (2) 1/2" COR FLITCH PLATE

NOTE: HEADERS AT EXTERIOR WALLS SHALL BE LOCATED BENEATH DOUBLE TOP PLATE U.O.

DRAG STRUT SCHEDULE

MARK	DESCRIPTION
DS-1	WIND DRAG STRUT ROOF TRUSSES TO TRANSFER 4000# FROM ROOF DOWN TO ONE WALL BELOW 1. ALIGN DRAG STRUT TRUSSES WITH THE EXTERIOR FACE OF COR WALL BELOW 2. ATTACH BOTTOM CHORD OF TRUSSES TO TOP OF WALL w/ (2) SIMPSON WEA-4 AT 2' O.C. MAX. 3. ATTACH PLYWOOD ROOF SHEATHING ABOVE WITH BEARING-SHANK WALLS AT 4' O.C.

RECEIVED
 OCT 19 2022
 TOWN OF LONGBOAT KEY
 Planning Dept. & Public Works

McCall Engineering, LLC
 Structural Engineering
 1021 Longboat Club Rd.
 Longboat Key, FL 34116
 (941) 389-1111

A New Residence for:
CORDOVA RESIDENCE
 1021 LONGBOAT CLUB ROAD, LONGBOAT KEY,
 FLORIDA

ROOF FRAMING PLAN
 As Indicated

NO.	REVISIONS	DATE

SHEET
S3.1

GENERAL NOTES

1. GENERAL NOTES
1. FBC REFERS TO 2020 FLORIDA BUILDING CODE, 7TH EDITION.
2. FRC REFERS TO 2020 FLORIDA BUILDING CODE, 7TH EDITION, RESIDENTIAL.
3. COMPACT BACK FILL OF FROM STRUCTURE. THE BUILDING AREA PLUS A MARGIN OF 5' ON ALL SIDES. EXISTING UTILITIES SHALL BE COMPACTED TO A MINIMUM 95% OF MODIFIED PROCTOR MAXIMUM DENSITY.
4. CONTACT SOILS FOR FOUNDATIONS SHALL BE COMPACTED TO A MINIMUM 95% OF MODIFIED PROCTOR MAXIMUM DENSITY.
5. CONTACT SOILS FOR FOUNDATIONS SHALL BE TESTED AFTER COMPACTION.
6. FILL WITH STABILIZED SOIL SHALL BE PLACED AND COMPACTED PER THE RECOMMENDATIONS OF GEOTECHNICAL REPORT.
7. FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF 2000 PSF.
8. CONTRACTOR TO VERIFY MANUFACTURED TRUSS PLAN PRIOR TO PLACEMENT OF CEILING OR MECHANICAL FOOTING.
9. PLUMBER IS TO INFORM SUPERINTENDENT OF ANY VENTING WHO UTILIZES A MASONRY WALL TO RESOLVE ANY POSSIBLE STRUCTURAL INTEGRITY ISSUES.

CONCRETE / MASONRY NOTES

1. ALL CONCRETE SHALL BE FC - 3000 PSI.
2. MASONRY SHALL USE TYPE S MORTAR, Fm - 1800 PSI.
3. REINFORCING STEEL SHALL SATISFY ASTM A618, GRADE 60. FOOTINGS MAY USE GRADE 40.
4. WHERE INDICATED ON FLOOR PLANS, PROVIDE CONCRETE FLEED CELL WITH REINFORCING STEEL FROM FOOTING TO THE BEAM HOOKED & TIED BEFORE INSPECTION. IF BROCKT UP LATER, EXCEED 4" OF AN INSPECTOR HOLE TO VERIFY GROUTING SHALL BE PROVIDED AT THE BOTTOM CELL.
5. PROVIDE (1) VERTICAL REINFORCING STEEL ELECTRICAL GROUND TO FOUNDATION STEEL.
6. FOUNDATION DOWELS AND VERTICAL REINFORCING SPACES AS SHOWN ON FLOOR PLANS. IN THE EVENT OF CONFLICTS, THE FLOOR PLANS SHALL TAKE PRECEDENCE OVER THE FOUNDATION PLAN. ALL FOOTINGS TO BE SMOOTH AND LEVEL.
7. LAP LENGTH OF INDIVIDUAL BARS WITH A BUNDLE SHALL BE THAT FOR THE INDIVIDUAL BAR, INCREASED 20% FOR THREE-BAR BUNDLES AND 33% FOR FOUR-BAR BUNDLES.
8. INDIVIDUAL BARS WITH A BUNDLE TERMINATED WITHIN THE SPAN OF THE BEAM SHALL TERMINATE AT DIFFERENT POINTS WITH AT LEAST 400D STAGGER.
9. A FLEED CELL WITH (1) VERTICAL, SHALL BE LOCATED AT ORDER TRUSSES WITH UPSTAIR EXCESSIVE ZONING U.O.
10. MINIMUM CONCRETE COVER # 2" CAST AGAINST SOIL AND 1" O.C. ELSE U.O. MAXIMUM CONCRETE COVER # U.O.
11. EMBEDDED TRUSS ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
12. EMBEDDED ANCHORS/TIEBARS SHALL MIN # 3 COVER.
13. MASONRY WALLS SHALL BE BRACED IN ACCORDANCE WITH STANDARD CONTRACTORS ASSOCIATION OF AMERICA, JULY 2001.
14. THE CONCRETE BE BEAM AT THE TOP OF ALL WALLS SHALL BE A "X" 16" WITH (1) #4 CONTINUOUS TOP AND BOTTOM.

FRAMING NOTES

1. ALL DOOR HEADERS AT BEARING WALLS TO BE (2) 2X10 SYP OR BETTER, U.O.
2. EXTERIOR FRAME WALLS BEARING ON NON-BEARING SHALL BE SHEATHED WITH 1/2" PLYWOOD OR EQUAL, BLOCKED AND NAILED WITH #6 NAILS AT 4" O.C. EDGES, # 0 C. FIELD.
3. SHEAR WALL AND EXTERIOR WALL PLYWOOD SHEATHING SHALL BE BLOCKED.
4. TRUSSES AND BEAMS SHALL BEAR DIRECTLY ON PLS. OR SYP POSTS, U.O. WHERE REQUIRED, JOIN TO AN STEEL U.O.
5. PSL OR SYP POST SHALL BEAR DIRECTLY ON CONCRETE SLAB OR ON SYP OR PT FLEED U.O.
6. UPLIFTS AND REACTIONS SHOWN ON MANUFACTURED TRUSS PLANS SHALL BE USED U.O. ON DIMENSIONED SEATED ROOF FLOOR LAYOUT PLAN.
7. WALLS/STOPS SHALL BE 1" FACE TO THE MASONRY/CONCRETE WITH 3/8" TAPPING AT 18" O.C. WITH MINIMUM EMBEDMENT OF 1.5X.
8. FLOOR SHEATHING SHALL BE 3/4" PLYWOOD SHEATHING OR EQUAL, FASTEN WITH 16 NAILS AT 4" O.C. EDGES AND 8" O.C. FIELD U.O.

ROOF FRAMING NOTES

1. THE DESIGN OF ROOF FRAMING SHALL BE BASED ON THE REQUIREMENTS OF THE FBC.
2. DESIGN WIND LOADS SHALL BE APPLIED IN ACCORDANCE WITH FBC SECTION 1609. SEE WIND NOTES FOR WIND DESIGN REQUIREMENTS.
3. ROOF TRUSS MANUFACTURER SHALL SUBMIT AND PROVIDE COMPLETE LAYOUT AND PERFORM THE FOLLOWING INFORMATION: ROOF PITCH, LUMBER SIZE, SPACING, SPECIES AND GRADING, LOCATION AND MOUNTING OF UPST LOADS.
4. PRE-ENGINEERED TRUSS DESIGN SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER.
5. ROOF SHEATHING SHALL BE 1/2" CD PLYWOOD SHEATHING OR EQUAL, FASTENED WITH #6 NAIL SHOWN NAILS AT 4" O.C. EDGES AND 8" O.C. FIELD WITHIN 4" OF ROSES AND EDGES OF ROOF AND 3" O.C. WITHIN 4" OF EXTERIOR ROOF CORNERS.
6. CONTRACTORS SHALL VERIFY WITH ROOF TRUSS PLAN PRIOR TO PLACEMENT OF FOOTING.
7. TRUSS LAYOUT AND PROFILES SHALL BE SUBMITTED TO ENGINEER FOR RECORD FOR REVIEW AND ACCEPTANCE PRIOR TO PRODUCTION.

DESIGN LOADS AND NOTES

1. ROOF TRUSSES: D - L
 1. D/SF W/ 1.25 STRESS INCREASE FACTOR OR
 4. K/SF W/ 1.25 STRESS INCREASE FACTOR OR
 C. 4. K/SF W/ 1.00 STRESS INCREASE FACTOR
2. FLOOR TRUSSES: D - L
 1. R/SF W/ 1.00 STRESS INCREASE FACTOR
 2. DL - 10 PSF IN COMBINATION WITH WIND LOADS.
3. MEAN ROOF HEIGHT SHALL BE DETERMINED BY CONTRACTOR.
4. LATERAL WALLS AT TOP OF EXTERIOR WALLS SHALL BE BASED ON 40 PSF ON U.O.
5. LATERAL WALLS IN TRUSSES ARE RESISTED BY ROOF DIAPHRAGM AT POINT OF WIND LOAD INPUT U.O.
6. TRUSS MANUFACTURER'S TRUSS LAYOUT SHALL SHOW ALL CONNECTIONS BETWEEN TRUSSES AND OTHER TRUSSES AND BETWEEN TRUSSES AND WOOD BEAMS.
7. TRUSSES MUST BE DESIGNED TO SUPPORT WALLS AGAINST OUT-OF-PLANE LOADS IN ACCORDANCE WITH FBC. THIS APPLIES TO ALL TRUSSES WITH A RAISED HEEL CONDITION THAT BEAR ON EXTERIOR WALLS.
8. NO PROVISIONS HAVE BEEN MADE IN THE STRUCTURAL DESIGN FOR TEMPORARY CONDITIONS INCLUDING CONSTRUCTION WINDS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BRACING AND BRACING REQUIRED TO RESIST STRESSES OR INSTABILITY OCCURRING FROM ANY CAUSE DURING CONSTRUCTION. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR SUCH MEASURES.

WIND NOTES

1. WIND LOADS ARE BASED ON A WIND VELOCITY OF 140 MPH APPLIED FOR A FULLY ENCLOSED STRUCTURE.
2. THE BUILDING IS DESIGNED AS FULLY ENCLOSED BUILDING BASED ON ALL OPENINGS BEING PROTECTED OR HAVING IMPACT GLASS.
3. WIND WIND SPEED: 150 MPH
 WIND DIRECTION: 0 DEGREE
 WIND EXPOSURE: D
 INTERNAL PRESSURE COEFFICIENT: 0
 FULLY ENCLOSED BUILDING

DESIGN WIND PRESSURES FOR COMPONENTS AND CLADDING

POSITIVE PRESSURE = INWARD NEGATIVE PRESSURE = OUTWARD ALL PRESSURE VALUES ARE IN PSF		
COMPONENT AREA (SQ. FT.)	ZONE 4	ZONE 5
10	+42.7 / -45.9	+42.7 / -56.6
20	+38.7 / -44.0	+38.7 / -52.7
30	+35.7 / -43.0	+35.7 / -50.6
40	+33.7 / -41.9	+33.7 / -49.5
50	+31.7 / -41.8	+31.7 / -47.7
75	+28.7 / -40.5	+28.7 / -45.5
100	+25.7 / -39.5	+25.7 / -44.1
150	+24.8 / -38.4	+24.8 / -41.6

PEST/DECAY PROTECTION NOTES

1. ALL PLANTINGS AND IRRIGATION / SPRINKLER SYSTEMS AND RISERS FOR SPRAY HEADS SHALL BE AT LEAST 1" OF FROM BULKHEADS/STAIRWELLS.
2. SOIL TREATMENTS FOR TERMITES SHALL MEET THE REQUIREMENTS OF FBC SECTION 903.18. IDENTIFYING SHALL BE USED.
3. WOOD GRADE ETHERS SHALL NOT BE USED.
4. PROTECTION AGAINST DECAY AND TERMITES SHALL BE PROVIDED IN ACCORDANCE WITH FBC SECTIONS 903.1 AND 903.8.
5. ROOF FLASHING SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF FBC SECTIONS 903.7.3, 903.8.1, 903.2 AND 903.5.

GARAGE NOTES

1. OPENINGS FROM GARAGE INTO LIVING SPACE OF RESIDENCE SHALL MEET THE REQUIREMENTS OF FBC SECTION 903.2.1.
2. DUCTS IN THE GARAGE AND DUCT PENETRATING THE WALLS OR CEILING SEPARATING THE DWELLING FROM THE GARAGE SHALL MEET THE REQUIREMENTS OF FBC SECTION 903.2.2.
3. GARAGE AND LIVING SPACE SEPARATION SHALL MEET THE REQUIREMENTS OF FBC SECTION 903.2.
4. GARAGE DOORS SHALL SATISFY THE REQUIREMENTS OF FBC FOR WIND LOADS AS DEFINED IN ROOF FRAMING AND WIND NOTES.

GENERAL CONNECTIONS NOTES

1. CONNECTIONS SHOWN ARE RECOMMENDED, BUT OTHER CONNECTORS MAY BE SUBSTITUTED AS LONG AS THEY MEET OR EXCEED THE UPLIFT AND LATERAL CAPACITY OF THE ANCHORS SPECIFIED AND SATISFY TRUSS LAYOUT REQUIREMENTS COMPLIANCE WITH USP. OTHER TRUSS MANUFACTURER'S REQUIREMENTS.
2. FOR ADDITIONAL TIE DOWN INFORMATION, SEE SAMPSONS OR USP CATALOGS.
3. FOR POST-INSTALLED ANCHORS: HOLE PREPARATION, CARTRIDGE PREPARATION, AND EPOXY FILLING SHALL BE PERFORMED PER MANUFACTURER'S ADHESIVE ANCHOR INSTALLATION INSTRUCTIONS. UPST LOADS.
4. AN EPOXY INSPECTION MAY BE REQUIRED DEPENDING ON JURISDICTION, CONTRACTOR MUST VERIFY.

WOOD NOTES

1. PSL: 1/8" PARALLEL STRAND LUMBER, Fx = 2400 PSI.
1. LVL: 1/8" LAMINATED VENEER LUMBER, Fx = 2600 PSI.
1. PT: PRESSURE TREATED SOUTHERN PINE #2 GRADE OR BETTER.
4. SPF: SPRUCE PINE FIR #2 GRADE OR BETTER.

TRUSS UPLIFT ANCHORS - MASONRY / CONCRETE

TRUSS ANCHORS TO MASONRY OR CONCRETE SHALL BE AS FOLLOWS (REFER TO SAMPSON 2018-2019 CATALOG #C-2018). OTHER BRANDS OF CONNECTORS MAY BE SUBSTITUTED IF BOTH UPLIFT AND LATERAL LOAD CAPACITIES ARE EQUAL OR GREATER THAN CONNECTORS SPECIFIED.

TYPE MEMBER	NOMINAL UPLIFT CAPACITY	CONNECTOR TYPE	PRODUCT APPROVAL	NAILS TO TRUSS FOR NOMINAL UPLIFT	NOTES AND COMMENTS
SINGLE PLY CMU	850#	SAMPSON H&MKT	FL11473.6	(8) 5/8" X 1-1/2" LONG TO TRUSS AND (8) 3/8" X 4" SAMPSON TITEN SCREW TO CMU	POST INSTALLED
SINGLE PLY CONCRETE	850#	SAMPSON H&MKT	FL11473.6	(8) 5/8" X 1-1/2" LONG TO TRUSS AND (8) 1/2" X 3/4" SAMPSON TITEN SCREW TO CMU	POST INSTALLED
SINGLE PLY	1050#	SAMPSON H100	FL11474.4	(8) 8" X 1-1/2" LONG TO TRUSS AND (3) 3/8" X 4" SAMPSON TITEN SCREW TO CMU	POST INSTALLED
	1450#	SAMPSON H&MKT	FL11473.3	(7) 1/2" X 1-1/2" LONG	-
	1500#	SAMPSON H&MKT	FL11473.3	(7) 1/2" X 1-1/2" LONG	-
	1810#	SAMPSON H&MKT	FL11473.3	(6) 1/2" X 1-1/2" LONG	-
	1810#	SAMPSON H&MKT	FL11473.3	(6) 1/2" X 1-1/2" LONG	-
	1850#	(2) SAMPSON H&MKT	FL11473.3	(10) 1/2" X 1-1/2" LONG	NOTE 1
SINGLE OR MULTIPLY CMU	800#	SAMPSON M&M EA TRUSS + SAMPSON H&M AT 4" O.C.	FL11473.11	(7) 1/2" TO TRUSS AND (4) 1/2" X 3/4" SAMPSON TITEN SCREW TO CMU	POST INSTALLED, MISSING EMBEDS
	1175#	SAMPSON M&M EA TRUSS + SAMPSON H&M AT 4" O.C.	FL11473.11	(8) 1/2" TO TRUSS AND (4) 1/2" X 3/4" SAMPSON TITEN SCREW TO CMU	POST INSTALLED, MISSING EMBEDS
SINGLE OR MULTIPLY CONCRETE	800#	SAMPSON M&M EA TRUSS + SAMPSON H&M AT 4" O.C.	FL11473.11	(7) 1/2" TO TRUSS AND (4) 1/2" X 3/4" SAMPSON TITEN SCREW TO CONCRETE	POST INSTALLED, MISSING EMBEDS
	1175#	SAMPSON M&M EA TRUSS + SAMPSON H&M AT 4" O.C.	FL11473.11	(8) 1/2" TO TRUSS AND (4) 1/2" X 3/4" SAMPSON TITEN SCREW TO CONCRETE	POST INSTALLED, MISSING EMBEDS
SINGLE OR MULTIPLY	3300#	SAMPSON M&M	FL11473.12	(22) 1/2" X 1-1/2" LONG	NOTE 2
DOUBLE PLY	2100#	SAMPSON LG72	FL11470.6	(16) 1/2" SINKERS	POST INSTALLED, NOTE 4
	10800#	SAMPSON H&MKT	FL10800.10	(16) 1/2"	NOTE 3
DOUBLE OR TRIPLE PLY CMU	1800#	(2) SAMPSON H&MKT	FL11473.3	(14) 1/2"	NOTE 1
	2500#	(2) SAMPSON H&MKT	FL11473.3	(12) 1/2"	NOTE 1
DOUBLE OR TRIPLE PLY CONCRETE	2550#	(2) SAMPSON H&MKT	FL11473.3	(14) 1/2"	NOTE 1
	2700#	(2) SAMPSON H&MKT	FL11473.3	(12) 1/2"	NOTE 1
TRIPLE PLY	3300#	(2) SAMPSON H&MKT	FL11473.3	(14) 1/2"	NOTE 1
	3550#	SAMPSON TITEN-SSG3.3	FL10508.10	(10) 5/8" X 2-1/2" LONG	POST INSTALLED, NOTE 5
QUAD PLY	1950#	SAMPSON H&MKT	FL10508.20	(16) 1/2"	NOTE 3
	1450#	SAMPSON H&MKT	FL11473.3	(6) 1/2"	-
MULTI PLY	1520#	SAMPSON H&MKT	FL11473.3	(7) 1/2"	-
	1810#	SAMPSON H&MKT	FL11473.3	(6) 1/2"	-

- NOTES:
1. FOR (2) CONNECTORS AT THE WALLS SHALL NOT BE OVERLAP WITH EACH OTHER OR THE SECOND CONNECTOR, AND (8) STRAPS SHALL NOT OVERLAP THE 2ND CONNECTOR.
 1. FASTENER TO CMU/CONCRETE: (1) 3/8" ALL-THREAD BOLT W/ SAMPSON SET EPOXY OR ANCHORING W/ 12" MIN. EMBEDD DEPTH.
 1. FASTENER TO CMU/CONCRETE: (2) 3/4" ALL-THREAD BOLT W/ SAMPSON SET EPOXY OR ANCHORING W/ 12" MIN. EMBEDD DEPTH.
 1. FASTENER TO CONCRETE WALL: (1) 1/2" X 3/4" SAMPSON TITEN SCREW.
 1. FASTENER TO WALL: (1) 3/8" X 4" SAMPSON TITEN SCREW.

TRUSS/FRAME CONNECTION NOTES

1. ROOF TRUSSES: USE SAMPSON H&M OR H&M AT EACH TRUSS WHERE POSSIBLE. PROVIDE ADDITIONAL TIE-DOWNS FOR UPLIFT IN EXCESS OF GIVEN ALLOWABLE VALUES. WHERE H&M OR H&M CANNOT BE USED, EX. 3/4" I-BEAM, CONCRETE ETC.) USE SAMPSON H&M PLUS ADDITIONAL TIE-DOWNS AS REQUIRED TO MEET UPLIFT LOADS.
2. FLOOR TRUSSES: USE SAMPSON M&M AT EACH TRUSS WITH OR WITHOUT UPLIFT WHERE POSSIBLE. PROVIDE ADDITIONAL TIE-DOWNS AS REQUIRED TO MEET UPLIFT LOADS.

TYPICAL WALL SECTION NOTES

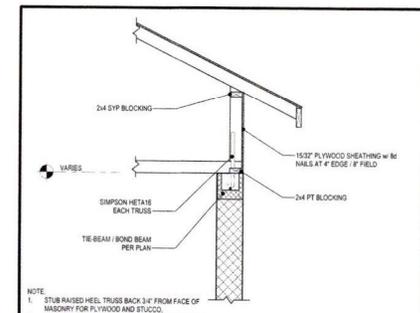
1. INSTALLATION OF LATH SHALL MEET THE REQUIREMENTS OF SECTION 903.7.1 OF THE FBC.
2. PLASTERING WITH PORTLAND CEMENT PLASTER SHALL MEET THE REQUIREMENTS OF SECTION 903.7.2 OF THE FBC.
3. INSTALLATION OF WATER RESISTIVE BARRIER SHALL MEET THE REQUIREMENTS OF SECTION 903.7.3 OF THE FBC.
4. INSTALLATION OF FLASHING SHALL MEET THE REQUIREMENTS OF 903.7.4 OF THE FBC.

DRAFTSTOPPING NOTES

1. WHERE THE FLOOR/CEILING ASSEMBLY IS CONSTRUCTED FROM COMBUSTIBLE OPEN WEB TRUSS OR PERFORATED MEMBERS, DRAFTSTOP SHALL BE PROVIDED AND INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 100 SQ. FT. AND INSTALLED PER FBC 903.12.
2. DRAFTSTOPPING MATERIAL SHALL EXCEED THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS.
3. DRAFTSTOPPING MATERIAL SHALL BE IN ACCORDANCE WITH FBC 903.12.1

WATERPROOFING NOTES

1. ALL FLASHING AND WATERPROOFING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.



TYPICAL RAISED HEEL DETAIL

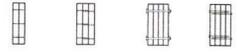
POST UPLIFT ANCHORS - MASONRY / CONCRETE

POST ANCHORS TO MASONRY OR CONCRETE SHALL BE AS FOLLOWS (REFER TO SAMPSON 2018-2019 CATALOG #C-2009). OTHER BRANDS OF CONNECTORS MAY BE SUBSTITUTED IF BOTH UPLIFT AND LATERAL LOAD CAPACITIES ARE EQUAL OR GREATER THAN CONNECTORS SPECIFIED.

MINIMUM POST THICKNESS	NOMINAL UPLIFT CAPACITY FOR 8/17 OR BETTER	CONNECTOR TYPE	FASTENER TO POST FOR NOMINAL UPLIFT	ANCHOR BOLT DIAMETER
1'-0"	1310#	SAMPSON LTT19	(8) 1/2" X 1-1/2" LONG NAILS	1/2" OR 3/4"
	1500#	SAMPSON LTT01	(16) 1/2" X 1-1/2" LONG NAILS	5/8"
	3510#	SAMPSON HT4	(16) 1/2" X 1-1/2" LONG NAILS	5/8"
	4300#	SAMPSON HT5	(26) 1/2" X 1-1/2" LONG NAILS	5/8"
	2400#	SAMPSON HD5	(2) 3/4" DIA. STUD BOLTS	5/8" OR 3/4"
2'-0"	3550#	SAMPSON HT6	(16) 1/2" X 1-1/2" LONG NAILS	5/8"
	4250#	SAMPSON HT4	(16) 1/2" X 1-1/2" LONG NAILS	5/8"
	5000#	SAMPSON HT5	(26) 1/2" X 1-1/2" LONG NAILS	5/8"
3'	2400#	SAMPSON HD5	(2) 3/4" DIA. STUD BOLTS	5/8" OR 3/4"
	4150#	SAMPSON HT22	(32) 1/2" NAILS	5/8"
	4810#	SAMPSON HT5	(26) 1/2" NAILS	5/8"
	6400#	SAMPSON HD5	(2) 7/8" DIA. STUD BOLTS	7/8" OR 1"
	6010#	SAMPSON HD5	(2) 3/4" DIA. STUD BOLTS	3/4"
3'-0"	6400#	SAMPSON HD7	(2) 7/8" DIA. STUD BOLTS	7/8" OR 1"
	10300#	SAMPSON HD9	(1) 1" DIA. STUD BOLTS	1" OR 1 1/4"
	11300#	SAMPSON HD12	(1) 1 1/4" DIA. STUD BOLTS	1"

- NOTES:
1. 1/2" DIAMETER ALL-THREAD SET IN 3/4" DIAMETER HOLE W/ SAMPSON SET EPOXY, MIN EMBED 7"
 2. 3/8" DIAMETER ALL-THREAD SET IN 1/2" DIAMETER HOLE W/ SAMPSON SET EPOXY, MIN EMBED 5"
 3. 3/4" DIAMETER ALL-THREAD SET IN 1/2" DIAMETER HOLE W/ SAMPSON SET OR EQUAL, MIN EMBED 6"
 4. 1" DIAMETER ALL-THREAD SET IN 1" DIAMETER HOLE W/ SAMPSON SET OR EQUAL, MIN EMBED 7"

MULTIPLE MEMBER CONNECTION FOR 1.9E MICROLAM LVL BEAMS



- 2 PICES - 1.5" WIDE
 - MINIMUM (2) ROWS OF 12 NAILS AT 12" O.C. FOR MEMBERS LESS THAN 1" DEEP
 - MINIMUM (2) ROWS OF 12 NAILS AT 12" O.C. FOR MEMBERS GREATER THAN 1" DEEP
- 3 PICES - 1.5" WIDE
 - (2) ROWS OF 12 NAILS AT 12" O.C. OR
 - (2) ROWS OF 12 BOLTS AT 12" O.C. OR
 - (2) ROWS OF 1/2" X 1-1/2" LONG SCREWS AT 12" O.C.
- 4 PICES - 1.5" WIDE
 - (2) ROWS OF 12 BOLTS AT 12" O.C. OR
 - (2) ROWS OF 1/2" X 1-1/2" LONG SCREWS AT 12" O.C.

- GENERAL NOTES:
- ALL BOLTS WITH WASHERS REQUIRED. BOLT HOLES TO BE 1/8" DIA.
 - SCREWS MUST HAVE SELF-DRILLING TIPS AND MINIMUM BENDING YIELD STRENGTH OF 21,000 PSI.
 - IF LONG SCREWS REQUIRED
 - CONNECTION INSTRUCTIONS ON PLAN SUPERSEDE PRECEDING.

DESIGN WIND PRESSURES FOR COMPONENT AND CLADDING

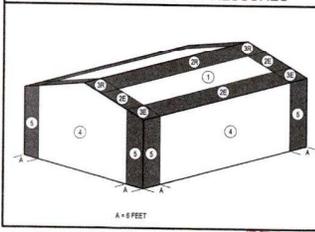
POSITIVE PRESSURE = INWARD
NEGATIVE PRESSURE = OUTWARD
ALL PRESSURE VALUES ARE IN PSF

COMPONENT AREA (SQ. FT.)	ZONE 1
10	+25.1 / -47.6
20	+25.1 / -46.0
30	+25.1 / -46.0
40	+25.1 / -46.0
50	+25.1 / -46.0
75	+25.1 / -46.0
100	+25.1 / -46.0
150	+25.1 / -46.0

SOFFIT PRESSURE

COMPONENT AREA (SQ. FT.)	ZONE 2E
10	+25.1 / -74.4
20	+25.1 / -63.4

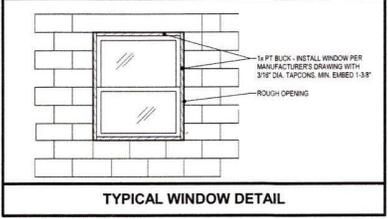
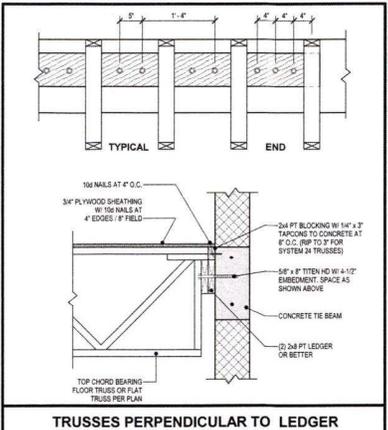
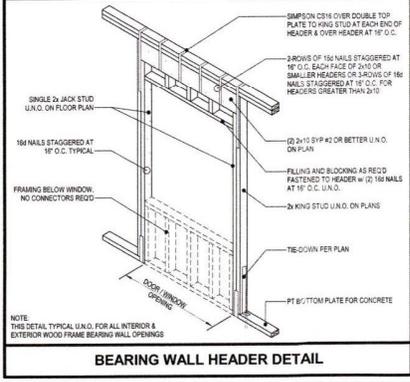
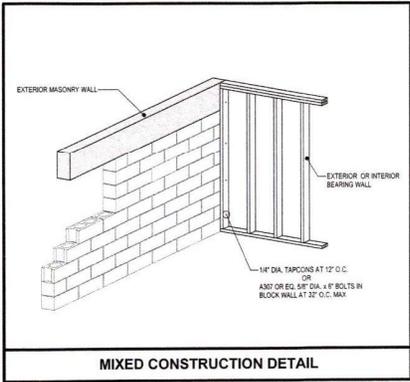
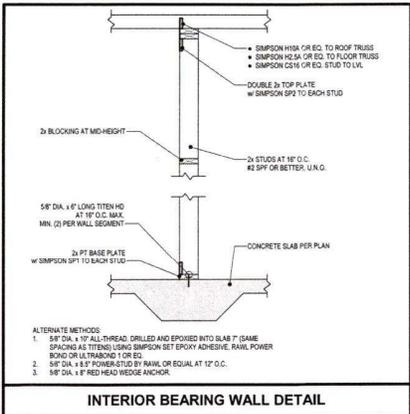
ROOF AND WALL ZONES FOR COMPONENTS AND CLADDING WIND PRESSURES



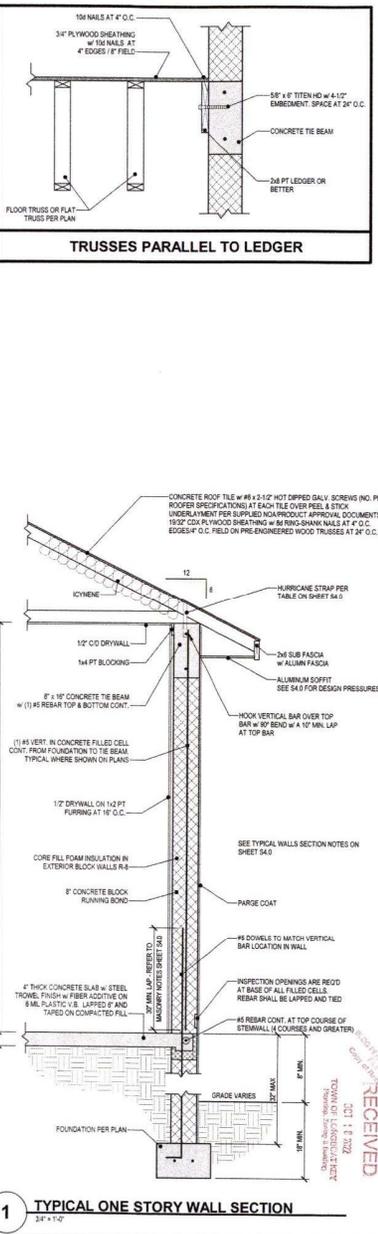
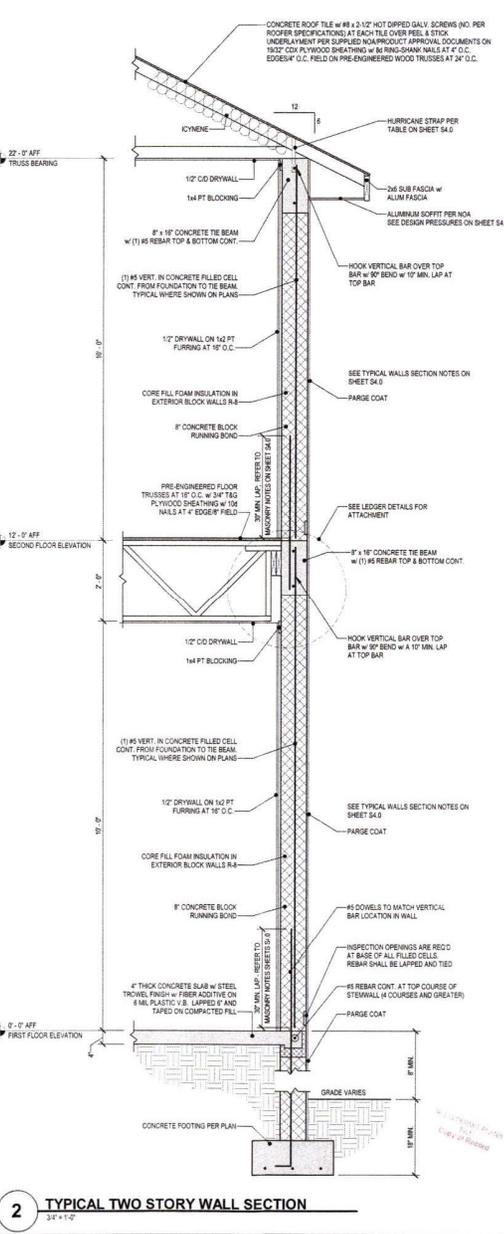
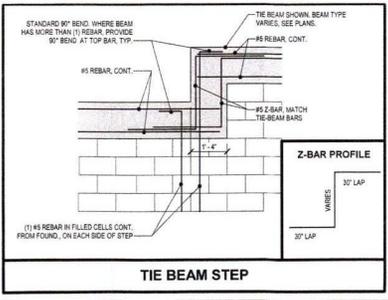
RECEIVED
 OCT 1 8 2022
 TOWN OF LONGBOAT KEY
 Planning, Zoning & Safety Dept.

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS FOR THIS RESIDENCE COMPLY WITH THE APPLICABLE STRUCTURAL PROVISIONS OF THE 2020 EDITION OF THE FLORIDA BUILDING CODE, 7TH EDITION, RESIDENTIAL (FBC-18).

10/14/2022 4:48:29 PM X:\Customer Plans\Cordova - 1021 Longboat Club Rd - Longboat Key - Engineering\FromCordova - 1021 Longboat Club Rd - Longboat Key_S_22.rvt



- WINDOW / DOOR INSTALLATION**
- SEE MANUFACTURER'S DRAWINGS FOR DETAILS AND SPACING OF TAPCONS / BOLTS.
 - DETAILS B OR C MAY BE USED FOR PAN / HALF CIRCLE WINDOWS U.N.O.
 - PRECAST WINDOW SILLS SHALL BE WIND RESISTANT PRECAST WINDOW SILLS AS MANUFACTURED BY CASTORETE OR EQUAL.
 - WINDOW DETAILS B AND C MAY BE USED INTERCHANGEABLY AND AT SILL FOR ROUND AND OVAL WINDOWS.
 - WOOD FILLER MAY BE USED AS REQUIRED TO MAINTAIN 1/4" GAP OR LESS AT CORNER OF ROUND AND SQUARE WINDOWS.
- GENERAL CONNECTIONS NOTES**
- CONNECTIONS SHOWN ON DRAWINGS ARE RECOMMENDED.
 - OTHER CONNECTIONS MAY BE SUBSTITUTED AS LONG AS THEY MEET OR EXCEED UPLIFTS AND LATERAL CAPACITY OF THE ANCHORS SPECIFIED AND SATISFY TRUSS LAYOUT REQUIREMENTS COMPLIANCE WITH USP, SIMPSON OR OTHER MANUFACTURER'S REQUIREMENTS.



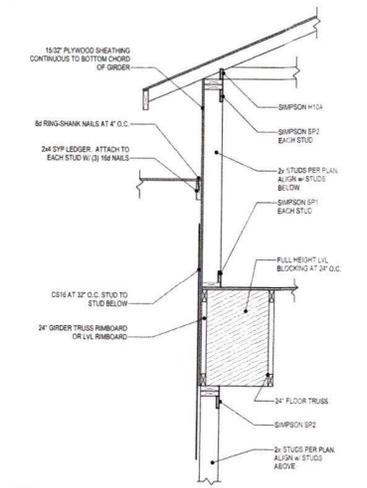
© 2018 MCCAULL ENGINEERING, LLC. ALL RIGHTS RESERVED.
MCCAULL ENGINEERING, LLC
 Structural Engineering

A New Residence for:
CORDOVA RESIDENCE
 1021 LONGBOAT CLUB ROAD, LONGBOAT KEY, FLORIDA

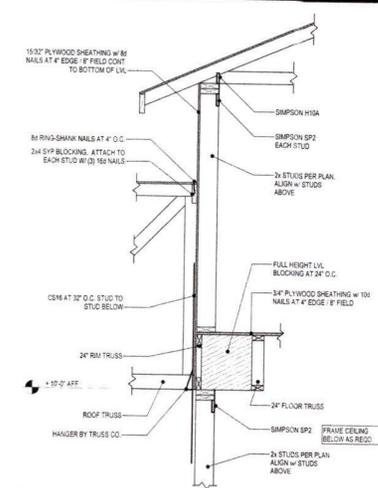
STRUCTURAL DETAILS
 As indicated

RECEIVED
 10/14/2022 4:48:29 PM
 SS 10/10/2022
 REVISIONS
 BY DATE
 SHEET
S4.1

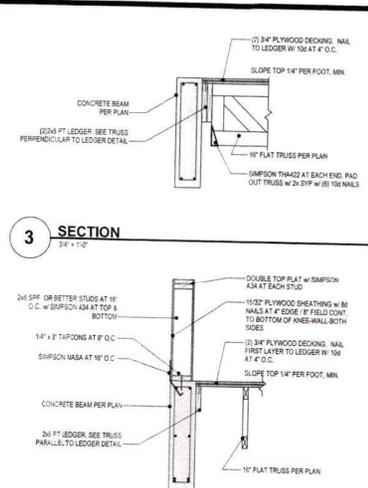
10/14/2022 4:48:32 PM X:\Customer Plans\Cordova - 1021 Longboat Club Rd - Longboat Key/Cordova - Engineering\FromCordova - 1021 Longboat Club Rd - Longboat Key_S2.rvt



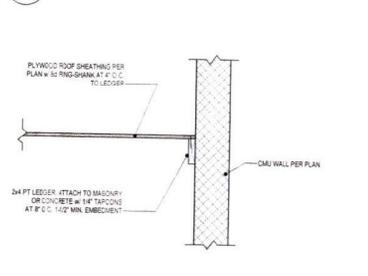
1 SECTION
3/4" x 1'-0"



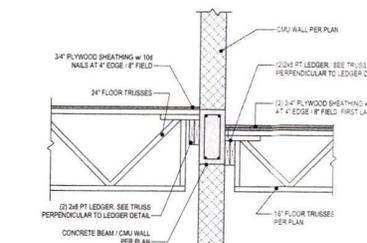
2 SECTION
3/4" x 1'-0"



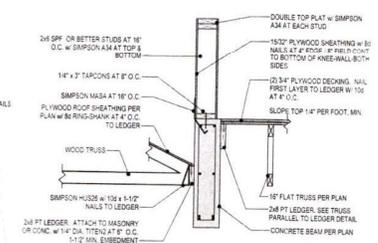
3 SECTION
3/4" x 1'-0"



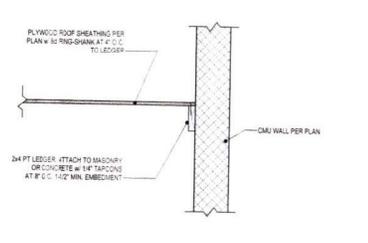
4 SECTION
3/4" x 1'-0"



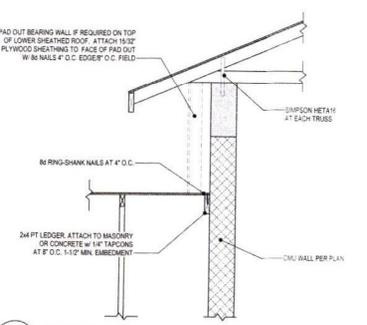
6 SECTION
3/4" x 1'-0"



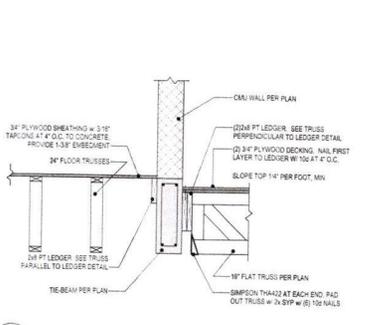
7 SECTION
3/4" x 1'-0"



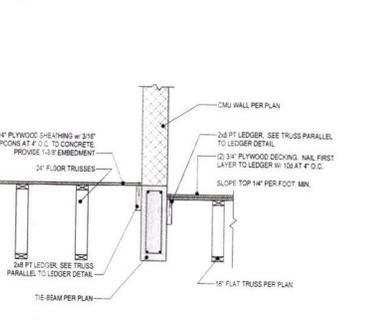
8 TRUSSES PARALLEL TO LEDGER
3/4" x 1'-0"



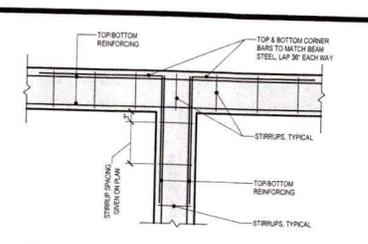
10 SECTION
3/4" x 1'-0"



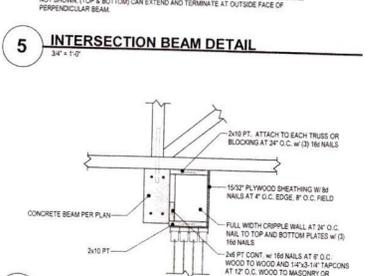
11 SECTION
3/4" x 1'-0"



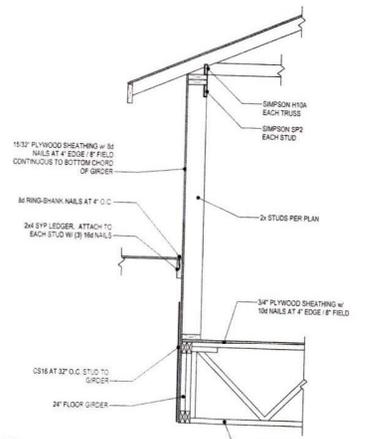
12 SECTION
3/4" x 1'-0"



5 INTERSECTION BEAM DETAIL
3/4" x 1'-0"



13 SECTION
3/4" x 1'-0"



9 SECTION
3/4" x 1'-0"

NOTES:
 1. ALL STRIPPERS ARE CLOSED. SEE PLAN FOR SPACING AND SIZES.
 2. SEE PLAN FOR REINFORCING SIZES.
 3. INTERSECTING BEAMS TOURED AS ONE, NO JOINTS.
 4. ONLY OUTSIDE BARS TOP & BOTTOM NEED TO BE HOOKED AND LAPPED. MIDLE BARS NOT SHOWN. TOP & BOTTOM CAN EXTEND AND TERMINATE AT OUTSIDE FACE OF PERPENDICULAR BEAM.

RECEIVED
 DATE: 11.16.2022
 PROJECT: 1021 LONGBOAT CLUB RD - LONGBOAT KEY, FLORIDA

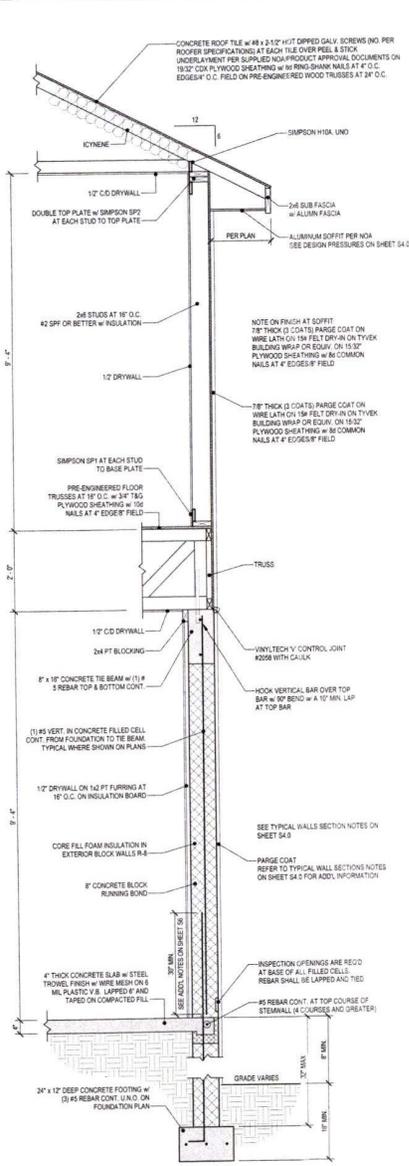
© BY MICAL ENGINEERING, LLC. ALL RIGHTS RESERVED.
 MICAL ENGINEERING, LLC
 Structural Engineering
 11017 14th Ave S, Suite 100
 Palm Bay, FL 32909

A New Residence for:
CORDOVA RESIDENCE
 1021 LONGBOAT CLUB ROAD, LONGBOAT KEY,
 FLORIDA

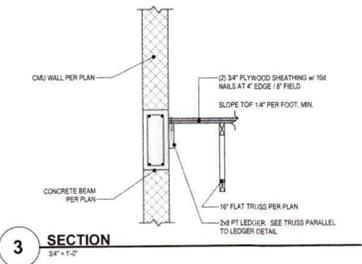
STRUCTURAL DETAILS
 As Indicated

REVISIONS	BY	DATE
SHEET		
S4.2		

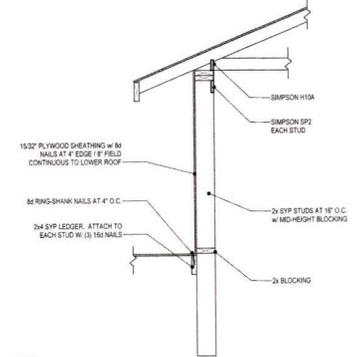
10/14/2022 4:48:38 PM X:\Customer Plans\Cordova - 1021 Longboat Club Rd - Longboat Key-Cordova - Engineering\FromCordova - 1021 Longboat Club Rd - Longboat Key - S_22.rvt
 1021 Longboat Club Rd - Longboat Key - S_22.rvt



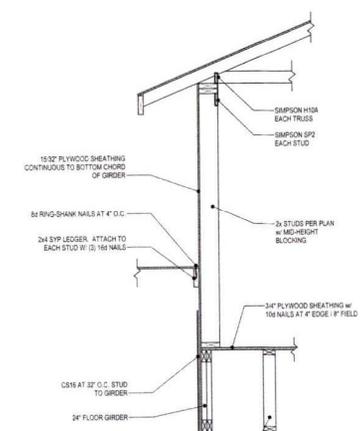
1 TYPICAL TWO STORY WALL SECTION
3/4" x 1'-0"



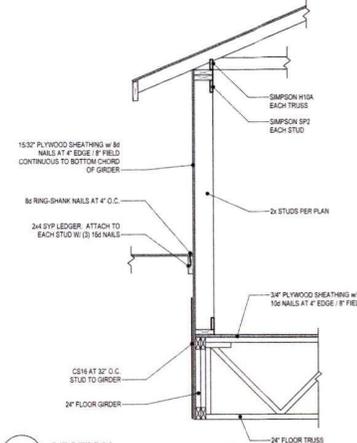
3 SECTION
3/4" x 1'-0"



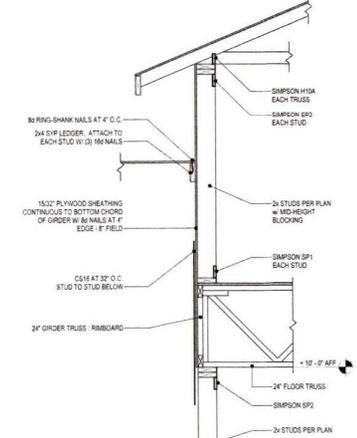
2 SECTION
3/4" x 1'-0"



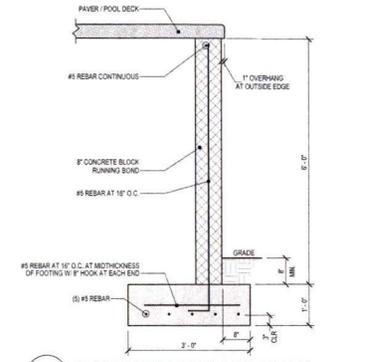
5 SECTION
3/4" x 1'-0"



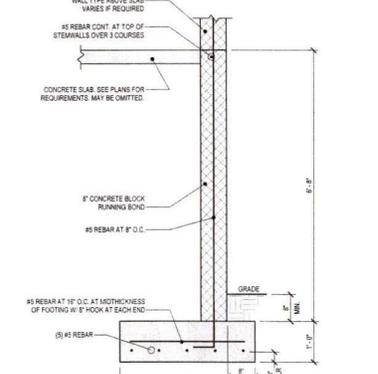
4 SECTION
3/4" x 1'-0"



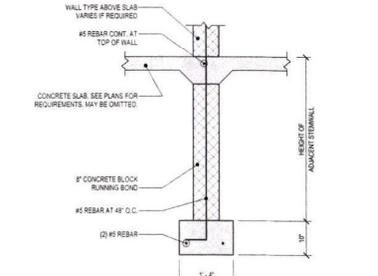
6 SECTION
3/4" x 1'-0"



P9 9 COURSE STEMWALL W/ PAVERS
3/4" x 1'-0"



A10 10 COURSE STEMWALL
3/4" x 1'-0"



AR1 ANGLE OF REPOSE DETAIL
3/4" x 1'-0"

RECEIVED
 10/11/2022
 PROJECT: CORDOVA RESIDENCE
 1021 LONGBOAT CLUB ROAD, LONGBOAT KEY, FLORIDA

© BY MCALL & YOUNG ENGINEERING, L.L.C. ALL RIGHTS RESERVED.
McCALL & YOUNG ENGINEERING, L.L.C.
 Structural Engineering
 1021 Longboat Club Rd., Longboat Key, FL 34658
 (941) 335-1100
 www.mcallandyoung.com

A New Residence for:
CORDOVA RESIDENCE
 1021 LONGBOAT CLUB ROAD, LONGBOAT KEY,
 FLORIDA

STRUCTURAL DETAILS
 3/4" = 1'-0"

REVISIONS	BY	DATE

SHEET **S4.3**

Boundary & Topographic Survey

Section 21, Township 36 South, Range 17 East
1021 Longboat Club Road, Sarasota, Florida 34228

DESCRIPTION: (per Official Records Instrument #2018095346)

Lot 1, LONGBOAT KEY CLUB, UNIT NO. 5, as per plat thereof recorded in Plat Book 31, Pages 16 and 16A, of the Public Records of Sarasota County, Florida.

REPORT OF SURVEY

Accuracy

Horizontal - The accuracy obtained by measurement and calculation of a closed geometric figure was found to be 1 foot in 7,973 feet.

Vertical - The accuracy obtained by a closed level loop, based on National Geodetic Survey Benchmark # A 715, produced a vertical unadjusted error of 0.01".

Data Sources:

1. Plat of Longboat Key Club, Unit No. 5, recorded in Plat Book 31, Pages 16 through 16-A, Public Records of Sarasota County, Florida.
2. Plat of Longboat Key Club, Unit No. 3, recorded in Plat Book 24, Pages 44, 44A & 44B, Public Records of Sarasota County, Florida.
3. Special Warranty Deed recorded in Official Records Instrument #2012143846, Public Records of Sarasota County, Florida.
4. Warranty Deed recorded in Official Records Instrument #2017067372, Public Records of Sarasota County, Florida.
5. General Warranty Deed recorded in Official Records Instrument #2018095346, Public Records of Sarasota County, Florida.
6. Warranty Deed recorded in Official Records Instrument #201917819, Public Records of Sarasota County, Florida.
7. State of Florida Department of Natural Resources Coastal Construction Control Line Map dated January 26, 1989, recorded in CCCL Book 2, Pages 1-14, Department of Survey and Mapping, Sarasota County, Florida.
8. Benchmark data was researched from the Land Boundary Information System internet web site (www.labis.org).
9. 2020 geo-rectified aerial imagery furnished by Sarasota County.
10. Sarasota County Property Appraiser's web site - www.scpd.com.
11. No other information was researched or furnished.

Apparent Physical Use:

Residential

Easements

1. Easements shown per Plat.
2. An easement area five (5) feet in width along and adjacent to each side lot line for surface and for underground drainage; also, an easement area five (5) feet in width along and adjacent to each side lot line and ten (10) feet in width along and adjacent to the front lot line of each lot for underground utility lines, which easement along the side lot line shall be limited to one side of any one lot; provided, however, that where more than one lot is intended as a building site, then the five (5) foot area along and adjacent to the side boundaries of the lot involved as a building site, shall be subject to said easements as if such building site was one lot. Arvida Corporation does hereby reserve a perpetual and easement easement TEN (10) feet in width along and within the rear lot line of each lot for ingress and egress for the maintenance of the adjacent lake.
3. No other easements were researched or furnished.

Notes:

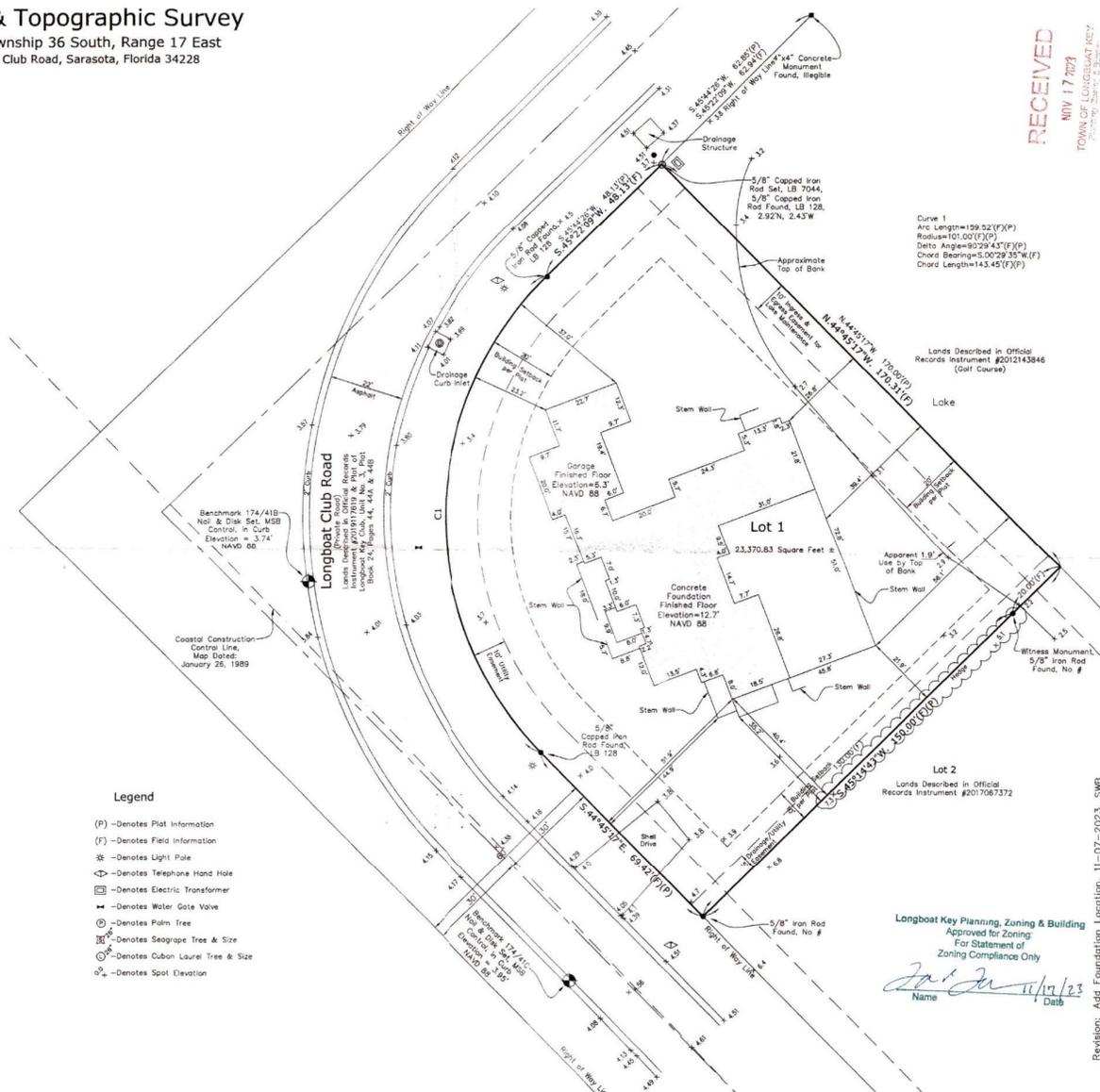
1. This map represents a Boundary & Topographic Survey for the purpose of permitting and construction.
2. Bearings shown hereon refer to an assumed meridian. The Northeast Right of Way Line of Longboat Club Road, being S 44°45'17"W.
3. Easements shown hereon are in feet and decimals referenced to NAVD 88 and are based on National Geodetic Survey Benchmark # A 715, published elevation is 7.74'.
4. There may exist other underground fixed interior improvements that are not visible and are not a part of this survey.
5. Description shown hereon was obtained from Official Records Instrument #2018095346.
6. Subject to easements and rights of way of record, if any.
7. This map has been prepared without the benefit of a Commitment for Title Insurance or a Title Policy.
8. Parcel shown hereon is situated in Flood Zone "AE", base flood elevation is 11 feet, per Flood Insurance Rate Map Number 1215C0125F, Effective Date November 4, 2016.
9. This plat represents a Tree Survey per Town of Longboat Key Municipal Code Title 9, Chapter 9B for Trees.



SCALE: 1"=20'

Legend

- (P) - Denotes Plat Information
- (F) - Denotes Field Information
- * - Denotes Light Pole
- ⊕ - Denotes Telephone Hand Hole
- ⊞ - Denotes Electric Transformer
- ⊞ - Denotes Water Gate Valve
- ⊙ - Denotes Palm Tree
- ⊙ - Denotes Seagrape Tree & Size
- ⊙ - Denotes Cuban Laurel Tree & Size
- ⊙ - Denotes Spot Elevation



RECEIVED
NOV 17 2023
TOWN OF LONGBOAT KEY
Planning, Zoning & Building

Curve 1
Arc Length=159.52'(F/P)
Radius=101.00'(F/P)
Delta Angle=90.29°43'(F/P)
Chord Bearing=S.00°29'35"W(F)
Chord Length=143.45'(F/P)

Lands Described in Official
Records Instrument #2012143846
(Golf Course)

Apparent 1' g
Use by Top
of Bank

Lot 2
Lands Described in Official
Records Instrument #2017067372

Longboat Key Planning, Zoning & Building
Approved for Zoning
For Statement of
Zoning Compliance Only
[Signature]
Name Date 11/17/23

31 SARASOTA CENTER BOULEVARD, SUITE C
SARASOTA, FLORIDA 34240
PHONE NO.: (841) 341-9885
CERTIFICATE OF AUTHORIZATION NO. L.B. 7044
ISSUED BY: NSCA



REGISTERED SURVEYOR & MAPPING, FLA. CERT. NO. 15348
MARCUS S. BACHT
or Electronic Seal per Florida Statute 403.08

Revision: Add Foundation Location, 11-07-2023, SWB
CERTIFIED TO: Alfredo and Nicole Cordova
1111 Cannon Homes, Inc.
8000 11th Street, Suite 100
Florida Title and Escrow LLC
Old Republic National Title Company
DATE OF SURVEY: 06-23-2022 FIELD BOOK/PAGE: 174/41-42
220418
JOB NUMBER

MWFRS(Directional)C-C HYBRID WIND ASCET-16
ENCLOSED EXPOSURE CATEGORY D
OCCUPANCY CATEGORY II
WIND LOAD 150 MPH
WIND IMPORTANCE FACTOR 1.00
TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS

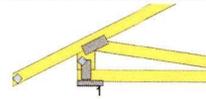
BLDG. PERMIT PLANS
FILE COPY OF RECORD

ROOF LOADING		FLOOR LOADING	
TCLL: 20 PSF	TCLL: 40 PSF	TCLL: 15 PSF	TCLL: 15 PSF
TCBL: 15 PSF	TCBL: 10 PSF	BCCL: 10 PSF	BCCL: 10 PSF
TCOL: 10 PSF	TCOL: 10 PSF	TOTAL: 65 PSF	TOTAL: 65 PSF
DURATION: 1.25	DURATION: 1.00	DEPTH: 24"	DEPTH: 24"
5 PSF TCCL + 5 PSF BCCL	USED TO RESIST UPLIFT	SPACING: 16" O.C.	

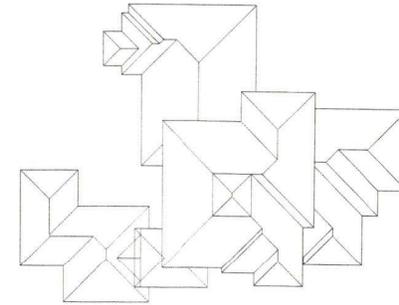
IMPORTANT
This Drawing Must Be Approved And Returned Before Fabrication Will Begin. For Your Protection Check All Dimensions And Conditions Prior To Approval Of Plan.
SIGNATURE BELOW INDICATES ALL NOTES AND DIMENSIONS HAVE BEEN ACCEPTED.
By _____ Date _____

- NOTES:**
- 1) ALL DIMENSIONS ARE FEET-INCHES-SIXTEENTHS.
 - 2) DO NOT CUT OR ALTER TRUSSES IN ANY WAY.
 - 3) ALL REACTIONS ARE UNDER 5000 LBS. UNLESS NOTED OTHERWISE.
 - 4) ALL UPLIFTS ARE UNDER 1000 LBS. UNLESS NOTED OTHERWISE.
 - 5) FRAMING REQUIRED BELOW TRUSSES TO GET DESIRED CEILING CONDITIONS.
 - 6) ONLY TRUSS TO TRUSS CONNECTIONS SUPPLIED BY TRUSS PACKAGE.

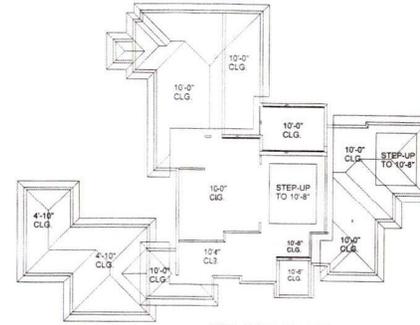
PRELIMINARY
 FINAL



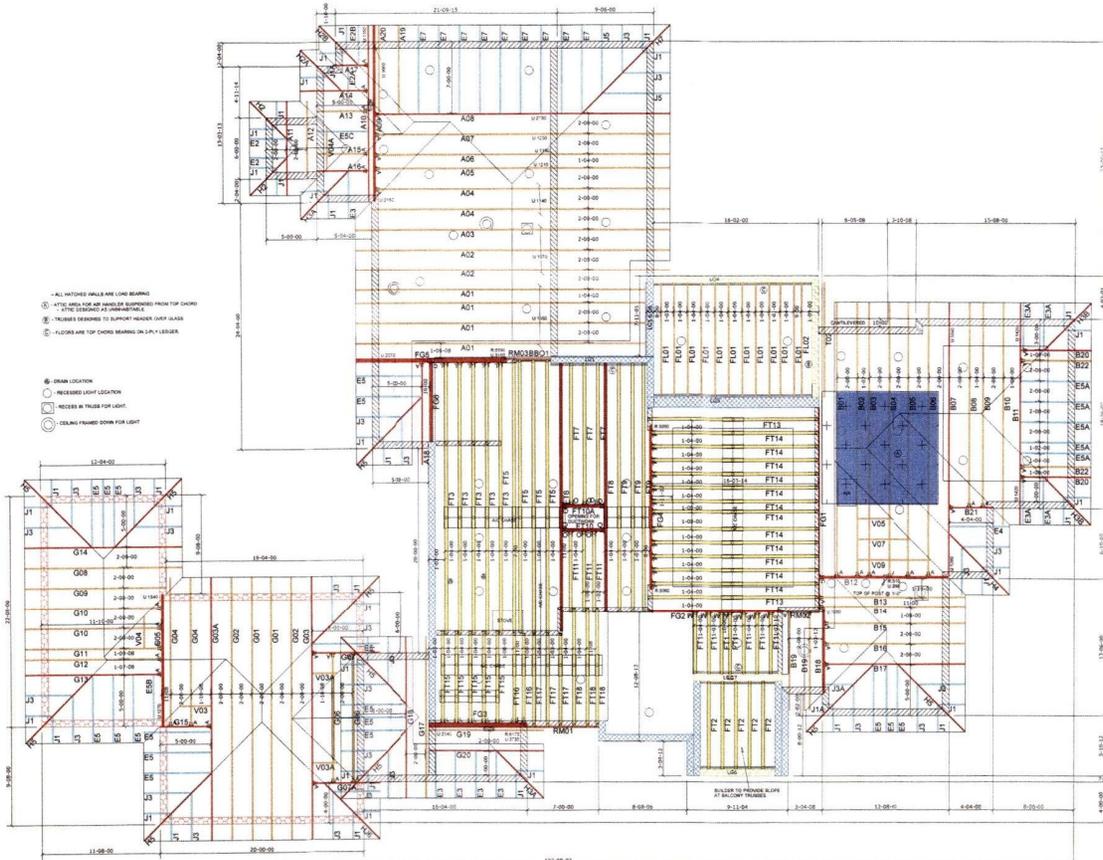
TRUSSES HAVE A 11-3/4" HEEL @ OUTSIDE EDGE OF WALL
- ENDS HAVE BEEN HELD IN 3/4" FOR MATERIAL.
OVERHANGS DO NOT HAVE A BUILT-IN LEVEL SOFFIT.



ROOF VIEW



CEILING PLAN



CAUTION!!!

DO NOT ATTEMPT TO ERECT TRUSSES WITHOUT REFERRING TO THE ENGINEERING DRAWINGS AND BCSI-B1 SUMMARY SHEETS.
ALL PERMANENT BRACING MUST BE IN PLACE PRIOR TO LOADING TRUSSES. (i.e. SHEATHING, SHINGLES, ETC.)
ALL INTERIOR BEARING WALLS MUST BE IN PLACE PRIOR TO INSTALLING TRUSSES.
REFER TO FINAL ENGINEERING SHEETS FOR THE FOLLOWING.
1) NUMBER OF GIRDER PLIES AND NAILING SCHEDULE.
2) BEARING BLOCK REQUIREMENTS.
3) SCAB DETAILS (IF REQUIRED)
4) UPLIFT AND GRAVITY REACTIONS.

WARNING
Backcharges Will Not Be Accepted Regardless of Fault Without Prior Notification By Customer Within 48 Hours And Investigation By Builders First Source.
NO EXCEPTIONS.
The General Contractor is Responsible For All Connections Other Than Truss to truss, unless specified otherwise. Do not cut, alter or repair any truss without first consulting BCSI. NO BACKCHARGES will be accepted if this protocol is not followed.

ROOF PITCH: 8/12
TOP CHORD: 2x4
OVERHANG: 1' 9-1/4"
SQ. OR P.L.B. CUT: PLUMB

HARDWARE

<A> HTU26
<C> HTU26-2
<L> HLH546
<M> TH4422
<O> TH4426

BEARING HEIGHT SCHEDULE

Finish Legend	Height
(Pattern)	14'-0"
(Pattern)	15'-0"
(Pattern)	15'-6"
(Pattern)	11'-6"
(Pattern)	22'-0"

BUILDER:
JOHN CANNON HOMES
ADDRESS: 1021 LONGBOAT CLUB RD
LOT: N/A
SUB: LONGBOAT KEY
COUNTY: MANATEE
PROJECT: CORDOVA

MODEL: CUSTOM
DRAWN BY: KCS
ENG BY: KCS
JOB#: FL-3255299 R-3255298
DATE: 3-13-23 **SCALE:** 3/16" = 1'
REVISIONS:
5-5-23 revisions per review.
5-15-23 Revisions per 2nd review.

ATTENTION!

DANGER LIFTING SINGLE TRUSSES WITH SPANS MORE THAN 30' BY THE PEAK WILL CAUSE DAMAGE OR INJURY
REFER TO BCSI-B1

30' Span or less
30' to 60' Span
Spreader Bar REQUIRED

REFER TO BCSI-B1

Builders FirstSource.

878 9th Ave. East
Bradenton, FL 34208
Ph. (841) 746-2161
Fax. (841) 366-4762

RECEIVED
JUL 12 2023
TOWN OF LONGBOAT KEY
Planning, Zoning & Building

FILE COPY OF RECORD

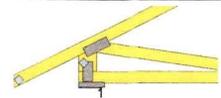
MWFRS(Directional)/C-C HYBRID WIND ASCE7-16
 ENCLOSED
 EXPOSURE CATEGORY D
 OCCUPANCY CATEGORY II
 WIND LOAD 150 MPH
 WIND IMPORTANCE FACTOR 1.00
 TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD
 LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS

ROOF LOADING		FLOOR LOADING	
TCLL: 20 PSF	TCCL: 40 PSF	TCCL: 40 PSF	TCCL: 40 PSF
TCDL: 15 PSF	TCDL: 15 PSF	TCDL: 15 PSF	TCDL: 15 PSF
BCDL: 10 PSF	BCDL: 10 PSF	BCDL: 10 PSF	BCDL: 10 PSF
TOTAL: 45 PSF	TOTAL: 65 PSF	TOTAL: 65 PSF	TOTAL: 65 PSF
DURATION: 1.25	DURATION: 1.00	DURATION: 1.00	DURATION: 1.00
5 PSF TCCL + 5 PSF BCDL	DEPTH: 24"	DEPTH: 24"	DEPTH: 24"
USED TO RESIST UPLIFT	SPACING: 16" O.C.	SPACING: 16" O.C.	SPACING: 16" O.C.

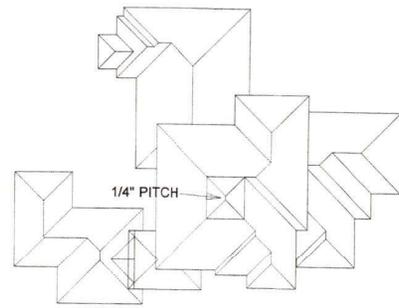
IMPORTANT
 This Drawing Must Be Approved And Returned Before Fabrication Will Begin. For Your Protection Check All Dimensions And Conditions Prior To Approval of Plan.
 SIGNATURE BELOW INDICATES ALL NOTES AND DIMENSIONS HAVE BEEN ACCEPTED.
 By _____ Date _____

- NOTES:**
- 1) ALL DIMENSIONS ARE FEET-INCHES-SIXTEENTHS.
 - 2) DO NOT CUT OR ALTER TRUSSES IN ANY WAY.
 - 3) ALL REACTIONS ARE UNDER 5000 LBS. UNLESS NOTED OTHERWISE.
 - 4) ALL UPLIFTS ARE UNDER 1000 LBS. UNLESS NOTED OTHERWISE.
 - 5) FRAMING REQUIRED BELOW TRUSSES TO GET DESIRED CEILING CONDITIONS.
 - 6) ONLY TRUSS TO TRUSS CONNECTIONS SUPPLIED W/ TRUSS PACKAGE.

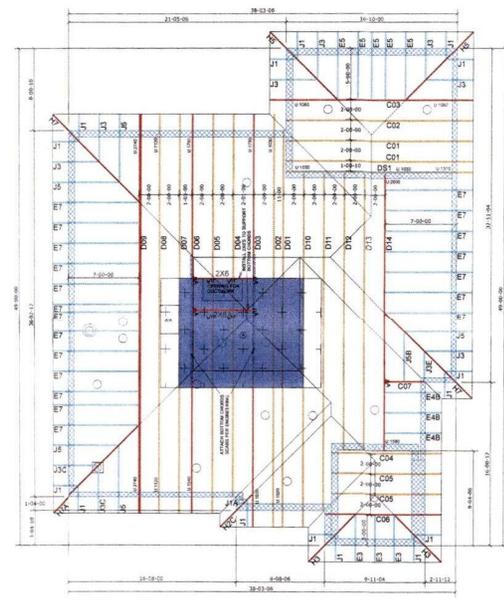
PRELIMINARY
 FINAL



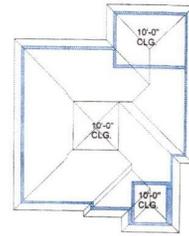
TRUSSES HAVE A 11-3/4" HEEL @ OUTSIDE EDGE OF WALL.
 - ENDS HAVE BEEN HELD IN 3/4" FOR MATERIAL.
 OVERHANGS DO NOT HAVE A BUILT-IN LEVEL SOFFIT.



1/4" PITCH
 ROOF VIEW



- ATTN: AREA TO OUR VENDOR IS SHOWN FROM TOP CORNER - ATTC DESIGNER ALL DIMENSIONS
- RECEIVED LIGHT LOCATION
- NEEDS IN TRUSS FOR LIGHT
- LOADS PAVED DOWN FOR LIGHT



CEILING PLAN

CAUTION!!!
 DO NOT ATTEMPT TO ERECT TRUSSES WITHOUT REFERRING TO THE ENGINEERING DRAWINGS AND BCSI-B1 SUMMARY SHEETS.
 ALL PERMANENT BRACING MUST BE IN PLACE PRIOR TO LOADING TRUSSES. (ie. SHEATHING, SHINGLES, ETC.)
 ALL INTERIOR BEARING WALLS MUST BE IN PLACE PRIOR TO INSTALLING TRUSSES.
 REFER TO FINAL ENGINEERING SHEETS FOR THE FOLLOWING.
 1) NUMBER OF GIRDER PLIES AND NAILING SCHEDULE.
 2) BEARING BLOCK REQUIREMENTS.
 3) SCAB DETAILS (IF REQUIRED)
 4) UPLIFT AND GRAVITY REACTIONS.

WARNING
 Backcharges Will Not Be Accepted Regardless of Fault Without Prior Notification by Customer Within 48 Hours And Investigation by Builders First Source.
 NO EXCEPTIONS.

The General Contractor is Responsible For All Connections Other Than Truss to truss, unless specified otherwise. Do not cut, alter or repair any truss without first consulting BFS. NO BACKCHARGES will be accepted if this protocol is not followed.

ROOF PITCH: 6/12
 TOP CHORD: 2x4
 OVERHANG: 1' 9-1/4"
 SQ. OR PLB. CUT: PLUMB

HARDWARE
 <A> HTU28
 <C> HTU28-2
 <L> HHUS46
 <O> THA426

BEARING HEIGHT SCHEDULE

HEIGHT	SPACING
4'-10"	16" O.C.
12'-0"	16" O.C.
10'-0"	16" O.C.
11'-6"	16" O.C.
22'-0"	16" O.C.

BUILDER:
 JOHN CANNON HOMES
ADDRESS: 1021 LONGBOAT CLUB RD
 LOT: N/A
SUB: LONGBOAT KEY
 COUNTY: MANATEE
PROJECT: CORDOVA
MODEL: CUSTOM
DRAWN BY: KCS
ENG BY: KCS
JOB# FL-3255299 R-3255298
DATE: 3-13-23 **SCALE:** 3/16" = 1'
REVISIONS:
 5-23 revisions per review.
 5-15-23 Revisions per 2nd review.
 7-11-23 changed clg. height in foyer and entry.

ATTENTION!

DANGER LIFTING SINGLE TRUSSES WITH BRACE MORE THAN 20' BY THE PEAK WILL CAUSE DAMAGE OR INJURY REFER TO BCSI-B1

30' Span or less
 30' to 60' Span
 Spreader Bar REQUIRED

REFER TO BCSI-B1

Builders FirstSource.
 678 800 AVE. EAST
 Bradenton, FL 34208
 Ph. (841) 746-2161
 Fax (841) 306-4762
RECEIVED
 JUL 12 2023
 12:00 PM
 Planning Dept.

FILE COPY OF RECORDS
 BLDG. PERMIT PLANS